

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017761.D
 Acq On : 04 Aug 2020 11:29
 Operator : JC/SP
 Sample : VX0804WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/5/2020 2:51:16 PM

Quant Time: Aug 05 02:09:47 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	501734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	761540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	717960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	382452	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	347707	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
35) Dibromofluoromethane	5.47	113	271748	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	8.70	98	949391	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.12	95	375828	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	80938	16.710	ug/l	97
3) Chloromethane	1.32	50	104256	17.054	ug/l	100
4) Vinyl Chloride	1.39	62	109739	17.381	ug/l	99
5) Bromomethane	1.63	94	82522	22.651	ug/l	97
6) Chloroethane	1.72	64	67882	19.025	ug/l	97
7) Trichlorofluoromethane	1.92	101	184665	18.595	ug/l	98
8) Diethyl Ether	2.17	74	63960	19.022	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97394	17.872	ug/l	97
10) Methyl Iodide	2.50	142	113194	16.235	ug/l	95
11) Tert butyl alcohol	3.01	59	133797	98.501	ug/l	100
12) 1,1-Dichloroethene	2.36	96	94264	18.189	ug/l	97
13) Acrolein	2.28	56	58036	59.181	ug/l	96
14) Allyl chloride	2.71	41	179347	18.953	ug/l	97
15) Acrylonitrile	3.12	53	270128	92.073	ug/l	100
16) Acetone	2.42	43	279862	98.659	ug/l	97
17) Carbon Disulfide	2.56	76	252051	16.001	ug/l	99
18) Methyl Acetate	2.75	43	144329	21.604	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	320433	17.864	ug/l	98
20) Methylene Chloride	2.84	84	109592	19.736	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	99077	17.846	ug/l	93
22) Diisopropyl ether	3.82	45	332454	19.214	ug/l #	84
23) Vinyl Acetate	3.79	43	1453422	94.211	ug/l	99
24) 1,1-Dichloroethane	3.67	63	189735	19.036	ug/l	98
25) 2-Butanone	4.64	43	395494	98.143	ug/l	100
26) 2,2-Dichloropropane	4.55	77	170824	19.146	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	115091	19.086	ug/l	97
28) Bromochloromethane	4.98	49	80884	17.908	ug/l	98
29) Tetrahydrofuran	5.09	42	240723	96.438	ug/l	99
30) Chloroform	5.18	83	208619	20.484	ug/l	96
31) Cyclohexane	5.56	56	141826	17.843	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	187810	19.556	ug/l	99
36) 1,1-Dichloropropene	5.77	75	138487	18.961	ug/l	99
37) Ethyl Acetate	4.79	43	151071	18.904	ug/l	98
38) Carbon Tetrachloride	5.76	117	171429	19.328	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	143711	16.855	ug/l	98
40) Benzene	6.12	78	397953	19.005	ug/l	100
41) Methacrylonitrile	5.01	41	85515	18.669	ug/l	97
42) 1,2-Dichloroethane	6.17	62	168171	19.631	ug/l	100
43) Isopropyl Acetate	6.42	43	247980	18.807	ug/l	100
44) Trichloroethene	7.19	130	122013	19.938	ug/l	99
45) 1,2-Dichloropropane	7.49	63	111062	19.133	ug/l	98
46) Dibromomethane	7.63	93	77972	19.007	ug/l	96
47) Bromodichloromethane	7.87	83	160015	19.385	ug/l	97
48) Methyl methacrylate	7.74	41	116813	17.872	ug/l	98
49) 1,4-Dioxane	7.72	88	47769	381.206	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	782513	99.464	ug/l	98
52) Toluene	8.77	92	261224	19.452	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	173024	18.725	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	182068	19.318	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	110221	19.703	ug/l	95
56) Ethyl methacrylate	9.16	69	162006	19.222	ug/l	99
57) 1,3-Dichloropropane	9.35	76	179386	19.474	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	387584	87.287	ug/l	98
59) 2-Hexanone	9.47	43	592167	99.974	ug/l	98
60) Dibromochloromethane	9.57	129	137084	19.279	ug/l	98
61) 1,2-Dibromoethane	9.65	107	121530	20.405	ug/l	99
64) Tetrachloroethene	9.32	164	126208	19.586	ug/l	98
65) Chlorobenzene	10.12	112	289027	18.598	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	121329	19.345	ug/l	99
67) Ethyl Benzene	10.23	91	490444	18.906	ug/l	97
68) m/p-Xylenes	10.34	106	376489	37.463	ug/l	97
69) o-Xylene	10.68	106	177345	18.348	ug/l	99
70) Styrene	10.70	104	308035	18.731	ug/l	99
71) Bromoform	10.84	173	104657	19.260	ug/l #	99
73) Isopropylbenzene	11.00	105	499697	19.046	ug/l	98
74) N-amyl acetate	10.88	43	213359	18.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	154161	18.824	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	153929m	19.566	ug/l	
77) Bromobenzene	11.24	156	136116	18.532	ug/l	98
78) n-propylbenzene	11.34	91	575185	19.438	ug/l	97
79) 2-Chlorotoluene	11.40	91	346460	18.901	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	421546	18.818	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	56758	18.179	ug/l	98
82) 4-Chlorotoluene	11.49	91	405682	18.762	ug/l	99
83) tert-Butylbenzene	11.76	119	401026	18.709	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	426500	19.142	ug/l	100
85) sec-Butylbenzene	11.93	105	473709	18.971	ug/l	100
86) p-Isopropyltoluene	12.05	119	444082	18.675	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	240064	19.033	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	241467	18.482	ug/l	98
89) n-Butylbenzene	12.37	91	373053	17.606	ug/l	99
90) Hexachloroethane	12.58	117	84961	18.123	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	228117	18.401	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	38393	18.300	ug/l	98

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ClientSampleId :
VX0804WBS01

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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)
93) 1,2,4-Trichlorobenzene	13.63	180	146267	17.288	ug/l	99
94) Hexachlorobutadiene	13.76	225	66554	17.089	ug/l	96
95) Naphthalene	13.82	128	461288	18.264	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	152709	18.280	ug/l	100

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

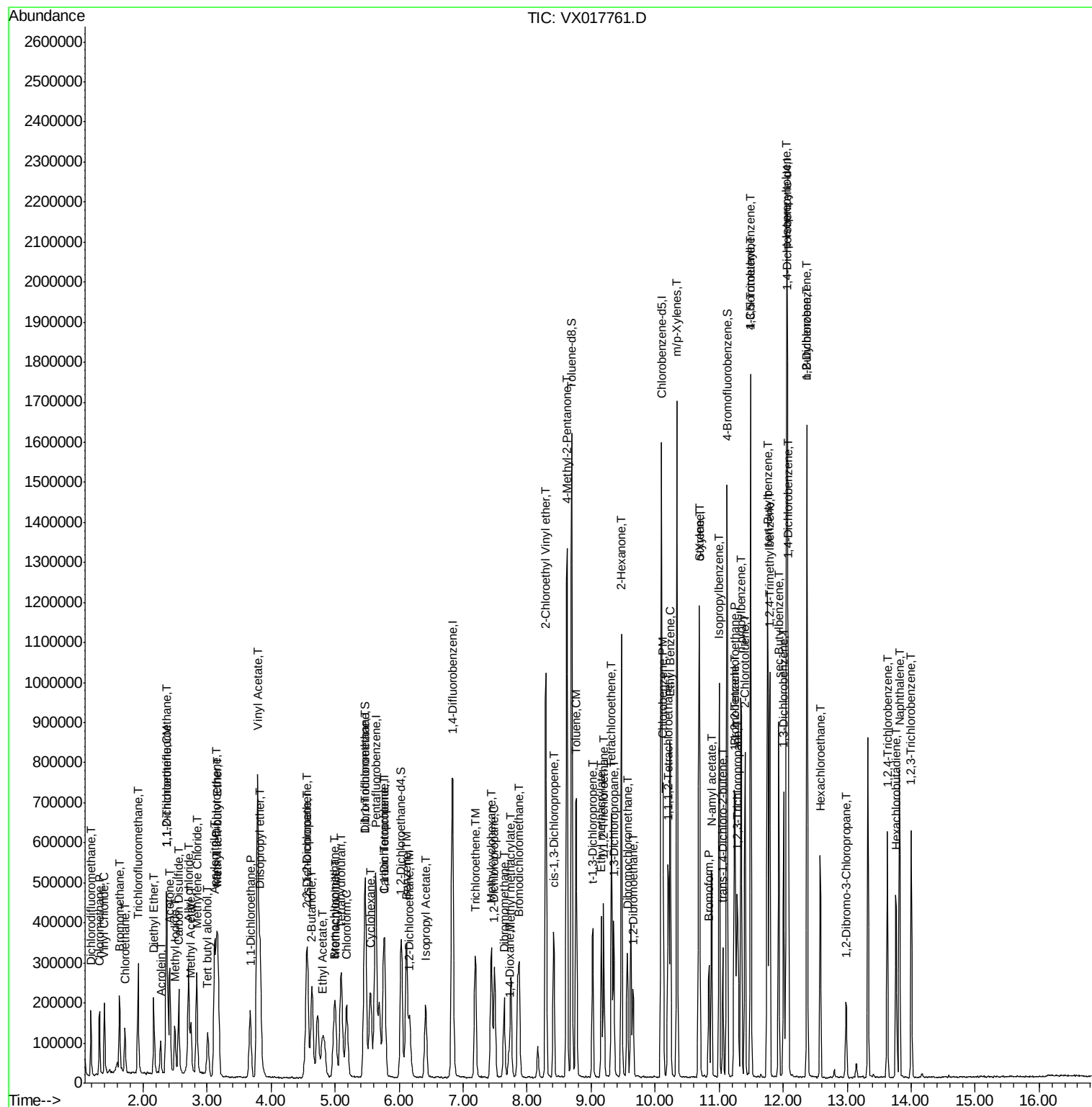
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Data File : VX017761.D
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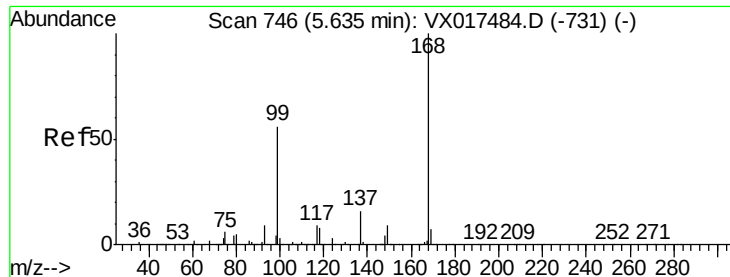
Instrument :
MSVOA_X
Client Sampled :
VX0804WBS01

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBS01

Tgt Ion: 168 Resp: 501734

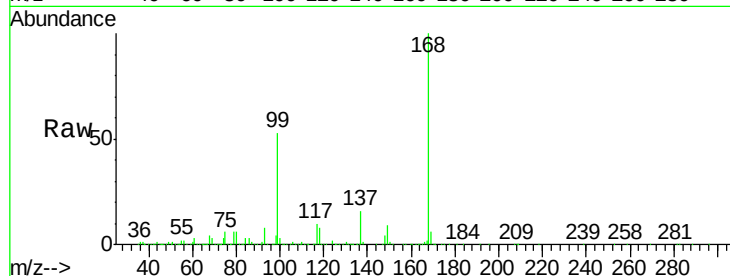
Ion Ratio Lower Upper

168 100

99 53.1 43.4 65.2

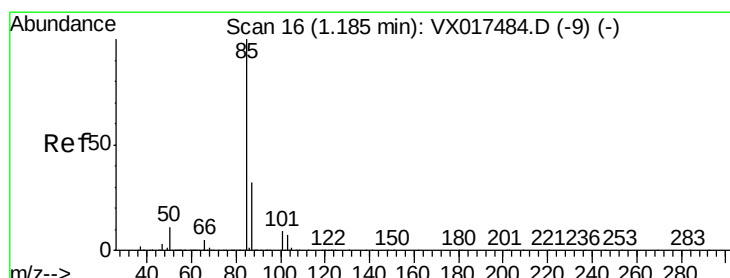
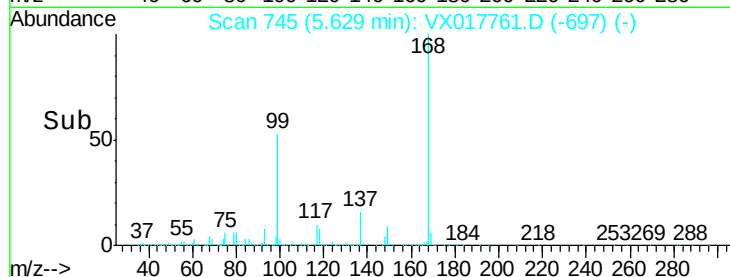
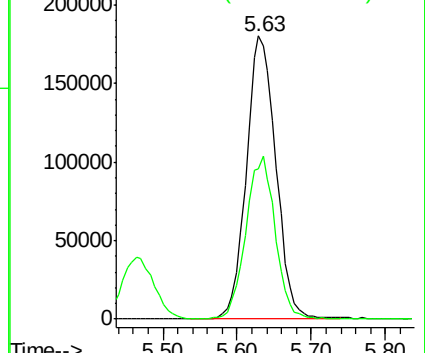
Manual Integrations
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8/5/2020 2:51:16 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.710 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017761.D

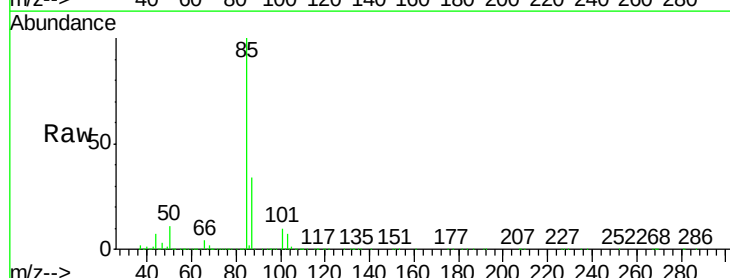
Acq: 04 Aug 2020 11:29

Tgt Ion: 85 Resp: 80938

Ion Ratio Lower Upper

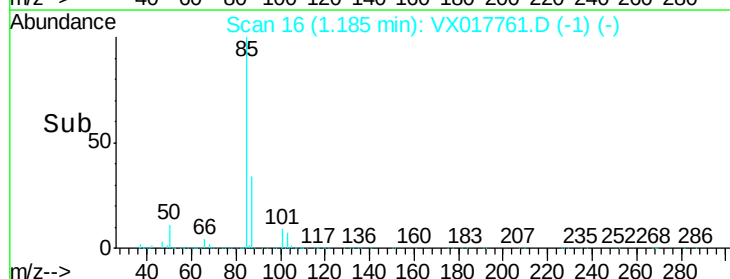
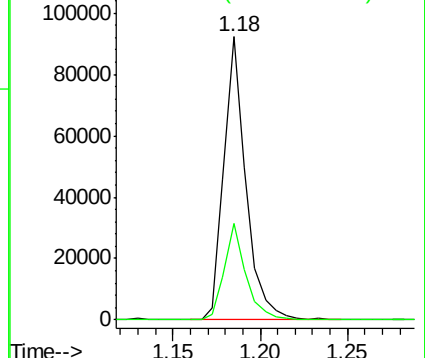
85 100

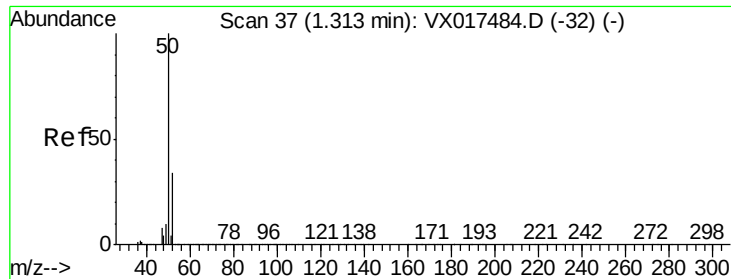
87 34.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.054 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBS01

Tgt Ion: 50 Resp: 104256

Ion Ratio Lower Upper

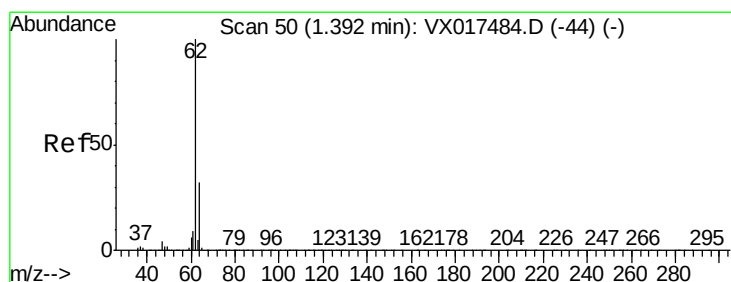
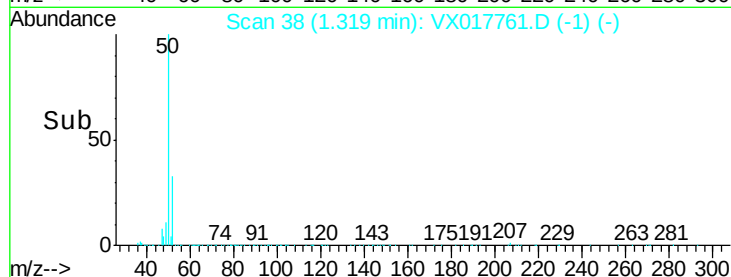
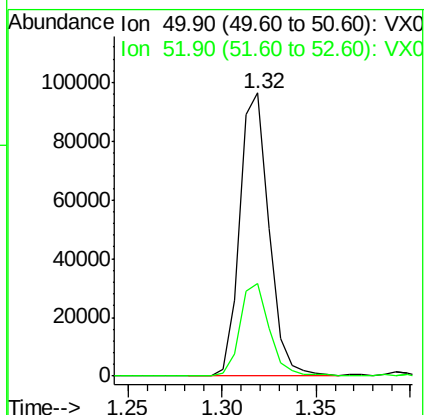
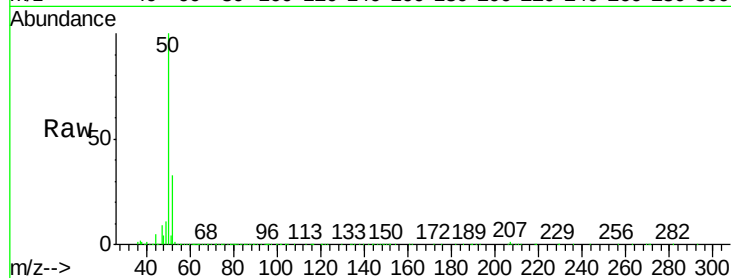
50 100

52 32.5 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.381 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017761.D

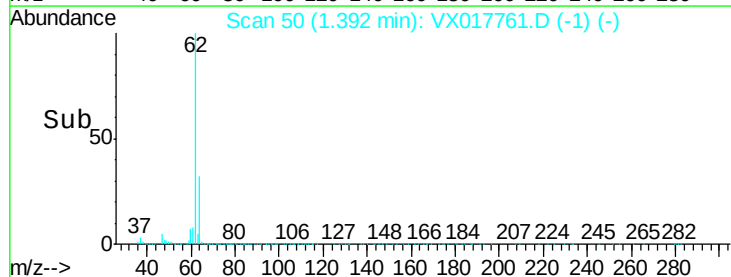
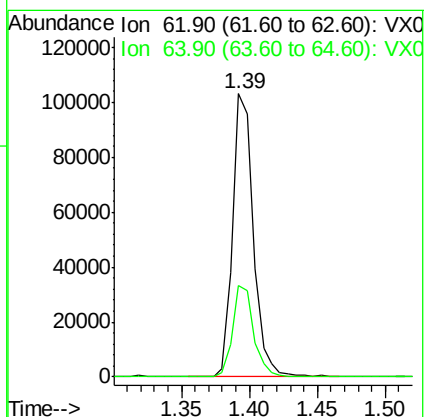
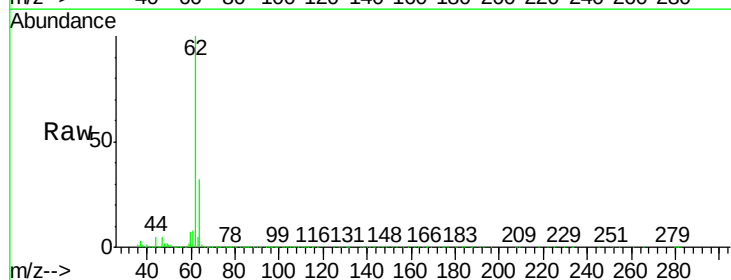
Acq: 04 Aug 2020 11:29

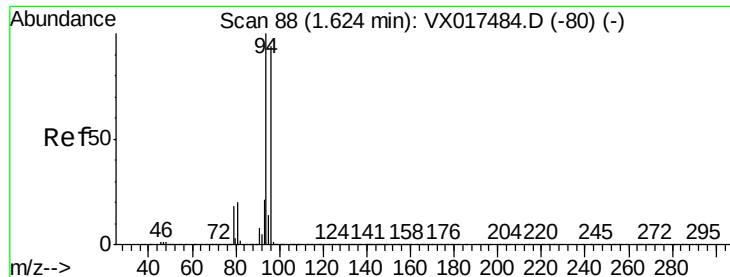
Tgt Ion: 62 Resp: 109739

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8





#5

Bromomethane

Concen: 22.651 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion: 94 Resp: 82522

Ion Ratio Lower Upper

94 100

96 95.0 74.1 111.1

Instrument :

MSVOA_X

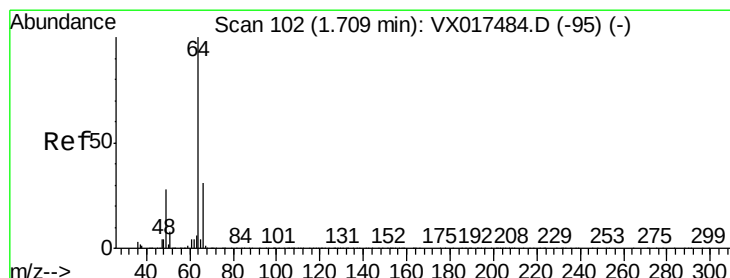
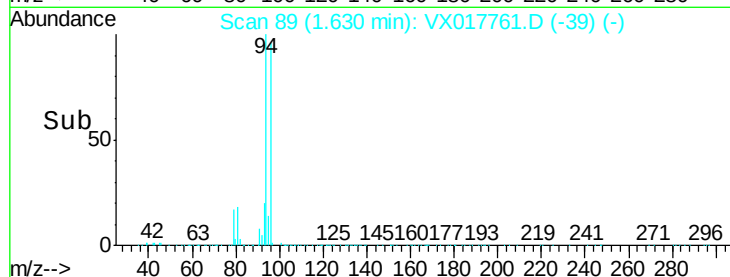
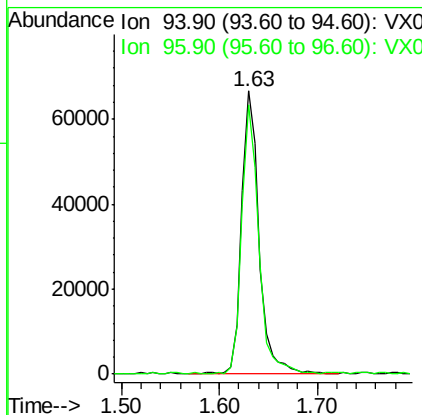
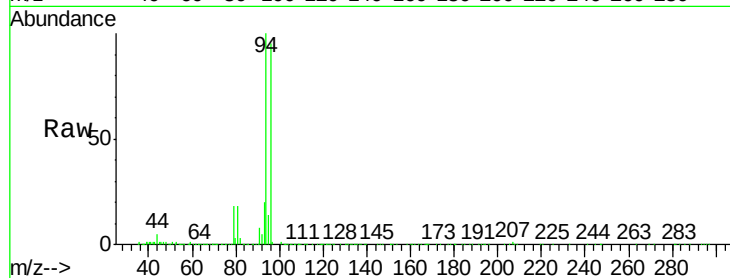
ClientSampleId :

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#6

Chloroethane

Concen: 19.025 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017761.D

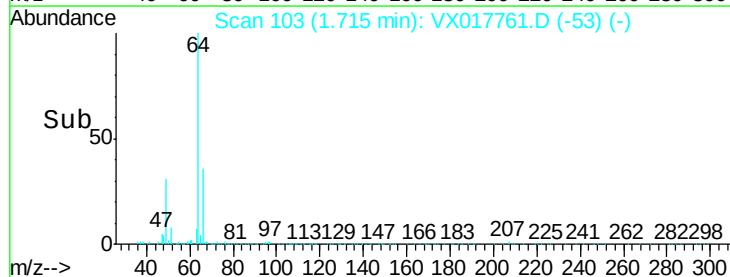
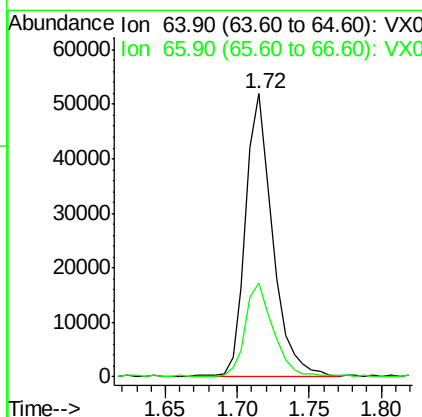
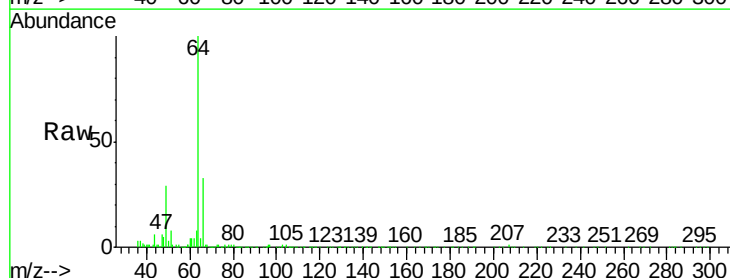
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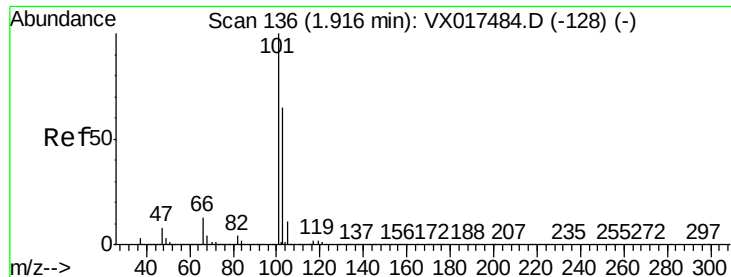
Tgt Ion: 64 Resp: 67882

Ion Ratio Lower Upper

64 100

66 33.0 24.9 37.3





#7

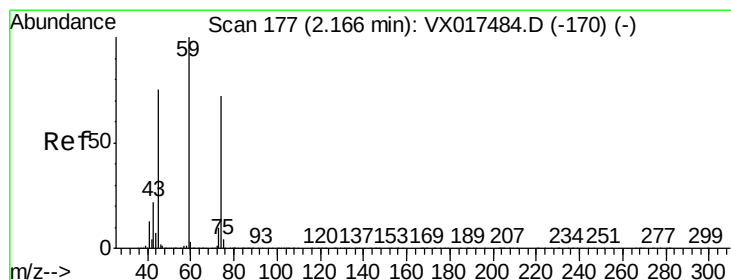
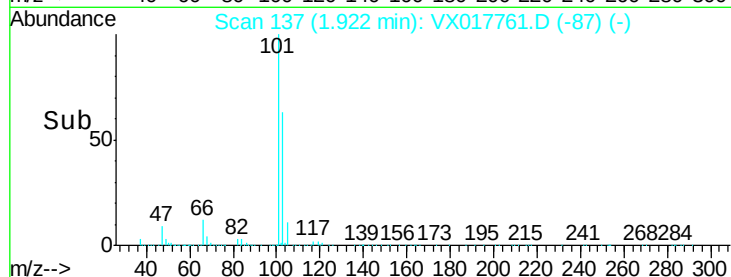
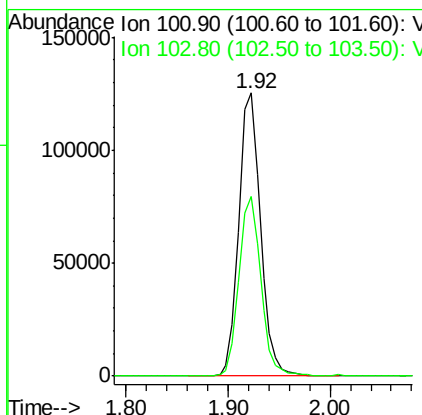
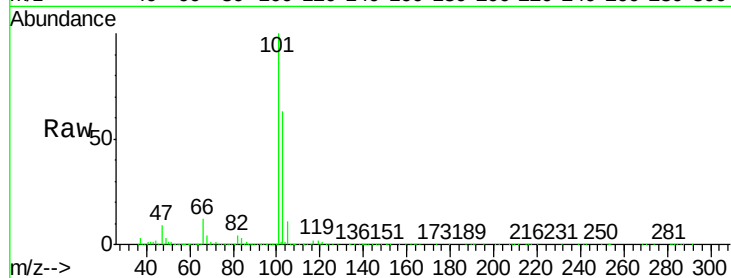
Trichlorofluoromethane
Concen: 18.595 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
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ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	184665		
103	63.3	51.8	77.8	

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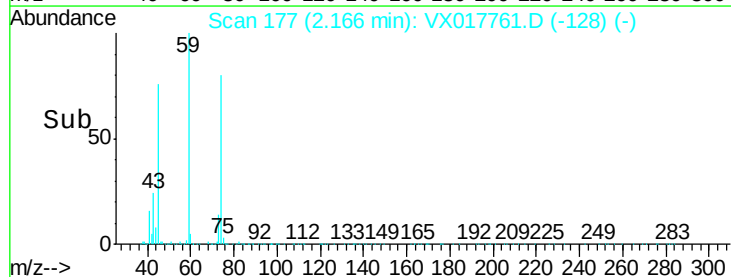
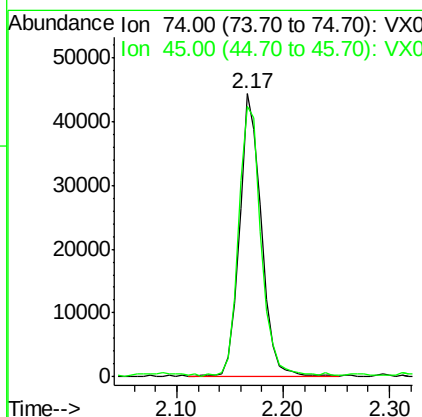
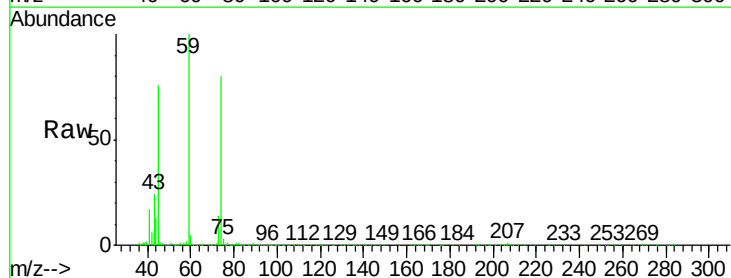
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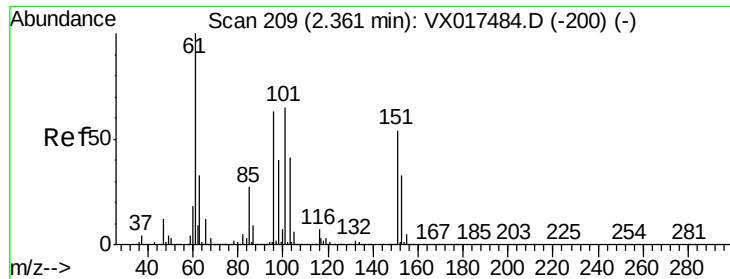


#8

Diethyl Ether
Concen: 19.022 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	63960		
45	98.2	50.8	152.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.872 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

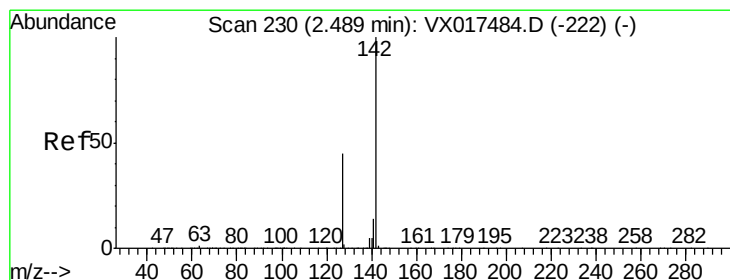
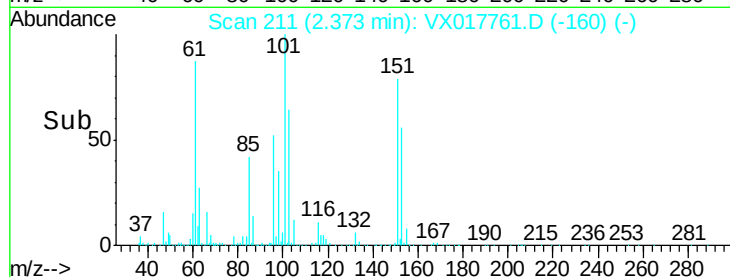
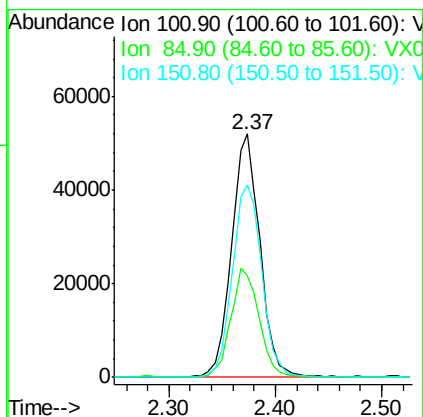
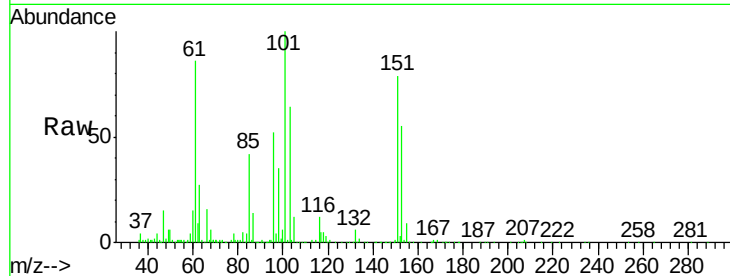
ClientSampleId :

VX0804WBS01

Tgt Ion:	101	Resp:	97394
Ion Ratio	Lower	Upper	
101	100		
85	45.1	34.8	52.2
151	82.4	68.0	102.0

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#10

Methyl Iodide

Concen: 16.235 ug/l

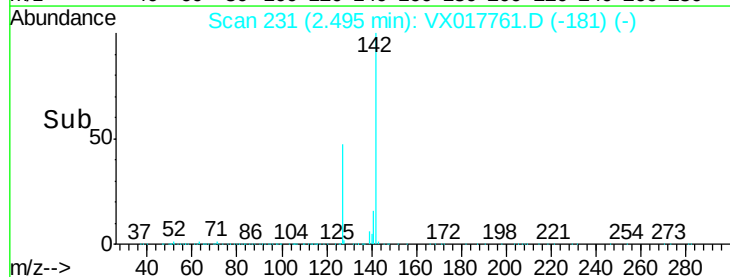
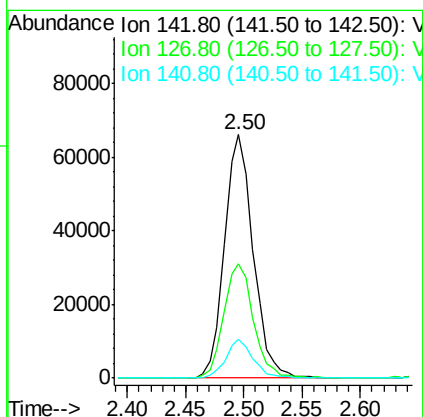
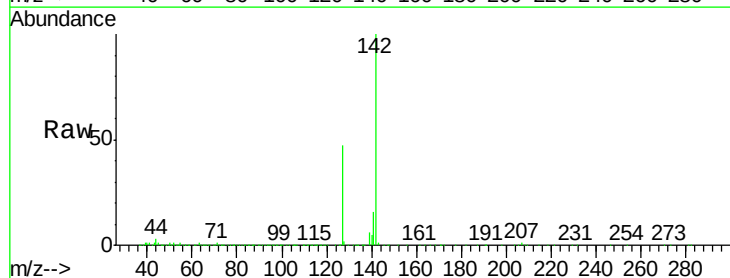
RT: 2.50 min Scan# 231

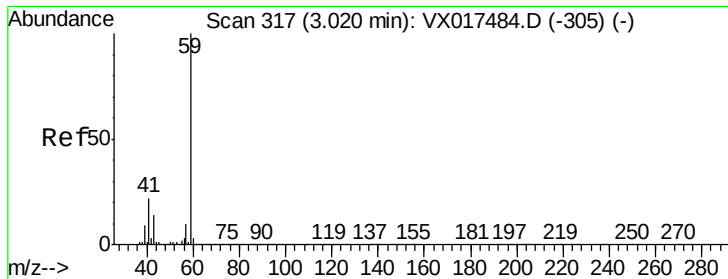
Delta R.T. 0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion:	142	Resp:	113194
Ion Ratio	Lower	Upper	
142	100		
127	48.3	35.9	53.9
141	15.4	11.4	17.0





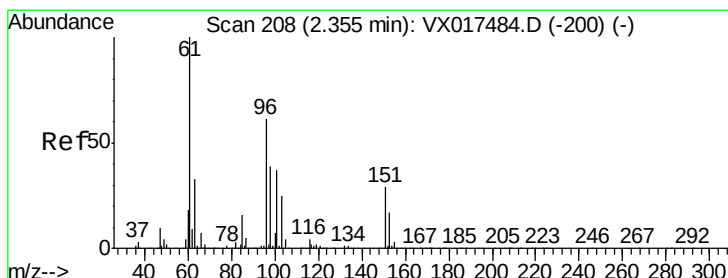
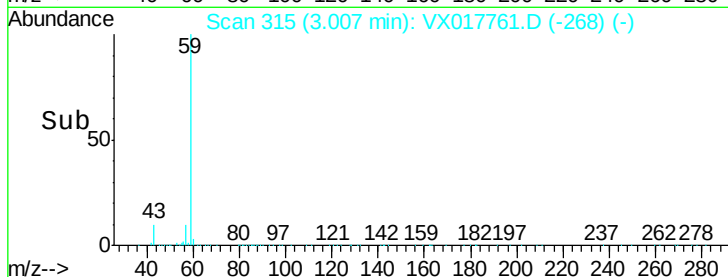
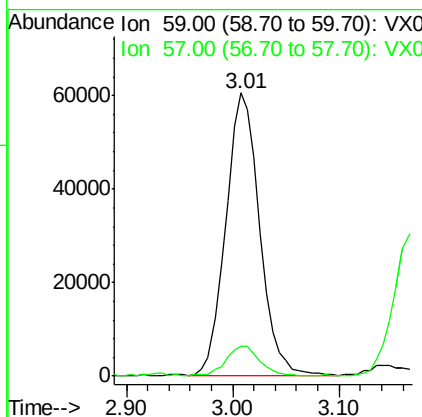
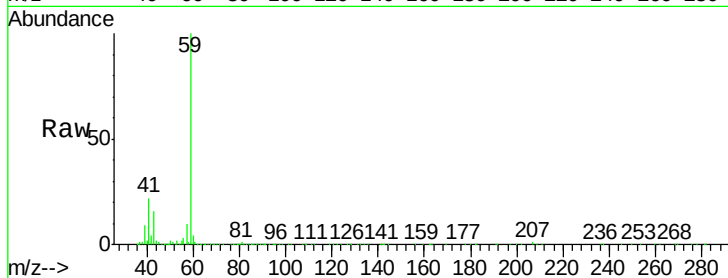
#11
Tert butyl alcohol
Concen: 98.501 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion: 59 Resp: 133797
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

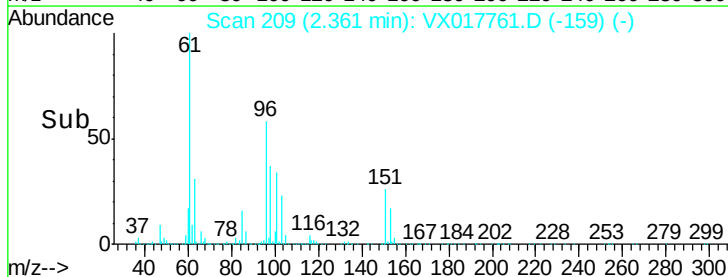
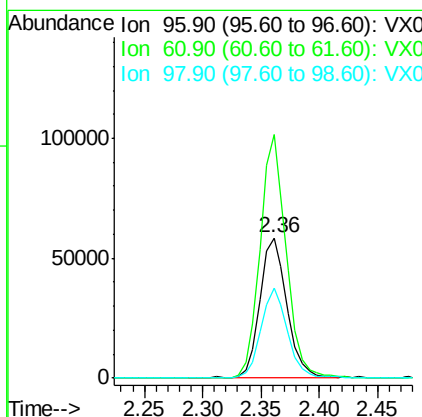
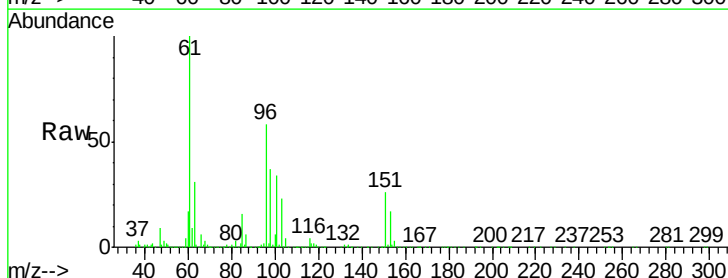
Manual Integrations
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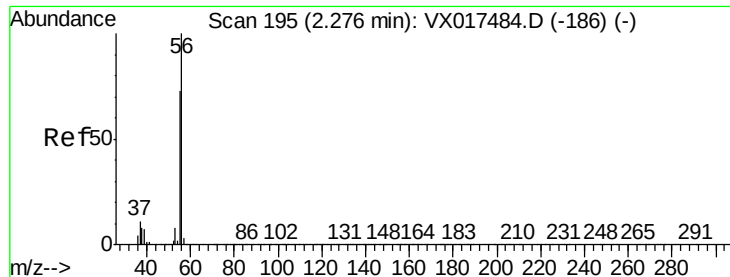
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.189 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion: 96 Resp: 94264
Ion Ratio Lower Upper
96 100
61 173.4 134.0 201.0
98 63.8 51.0 76.4





#13

Acrolein

Concen: 59.181 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBS01

Tgt Ion: 56 Resp: 58036

Ion Ratio Lower Upper

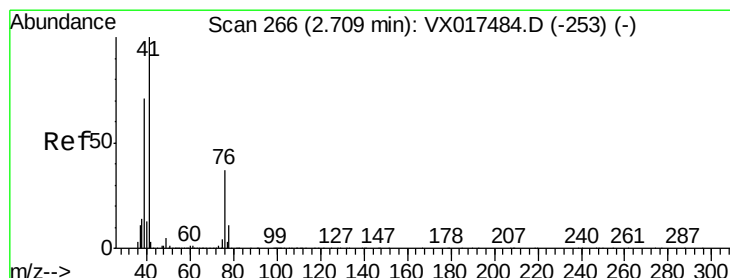
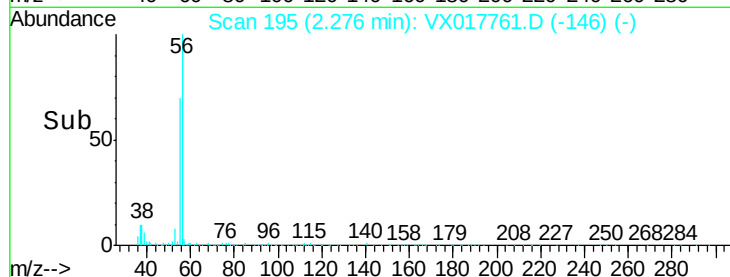
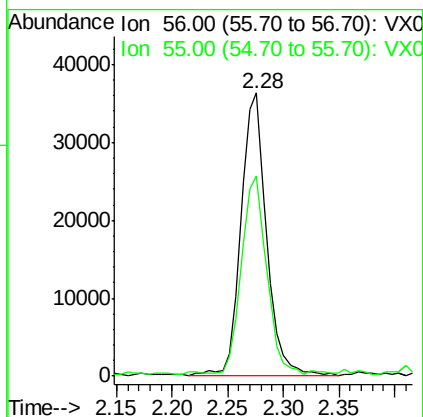
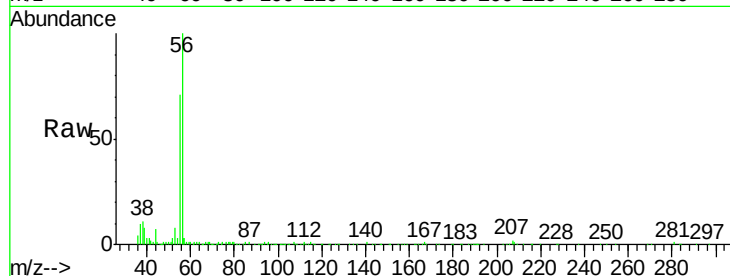
56 100

55 68.3 57.4 86.2

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#14

Allyl chloride

Concen: 18.953 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

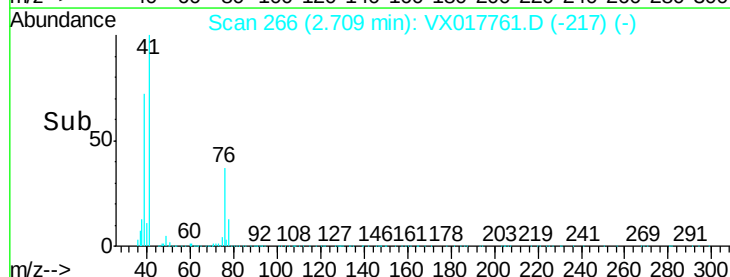
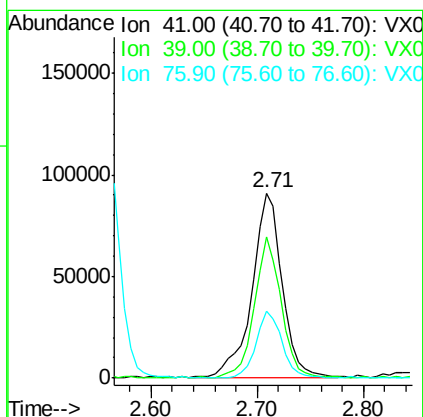
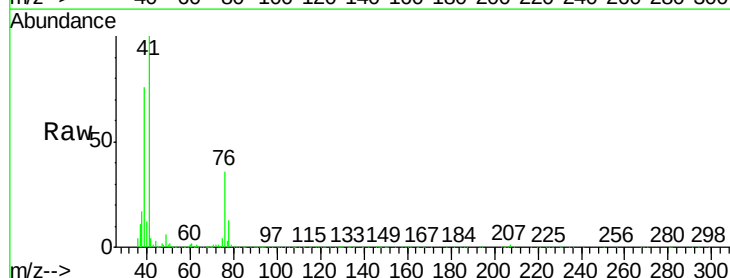
Tgt Ion: 41 Resp: 179347

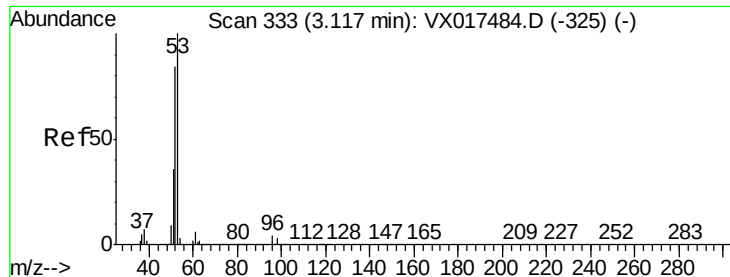
Ion Ratio Lower Upper

41 100

39 67.5 51.9 77.9

76 31.2 25.5 38.3





#15

Acrylonitrile

Concen: 92.073 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

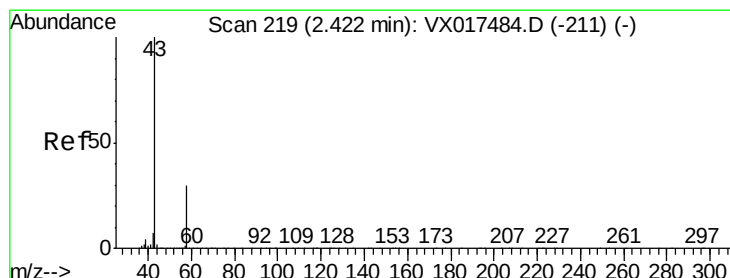
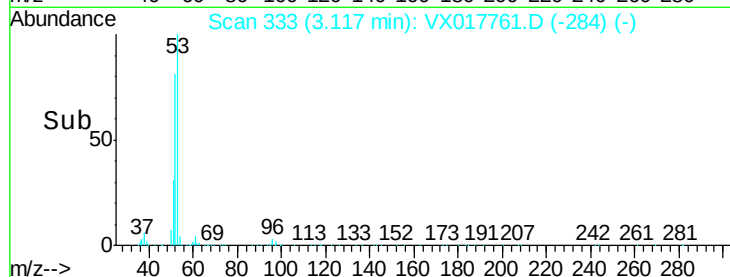
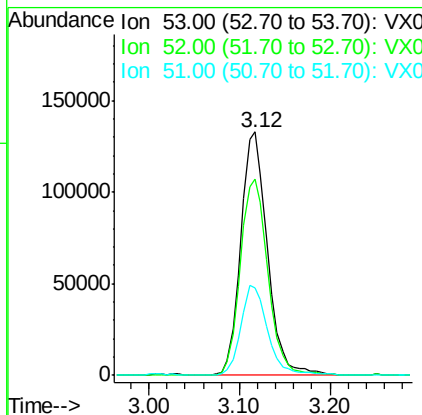
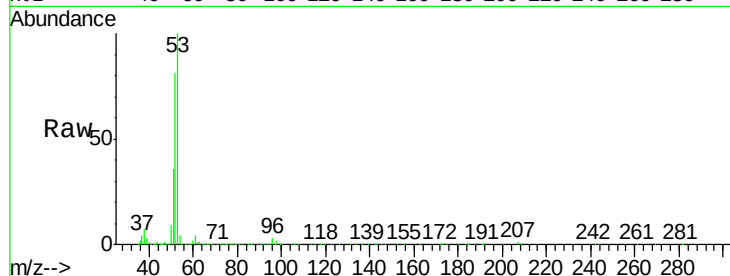
ClientSampleId :

VX0804WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	99.8
51	37.3	29.4	44.2

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#16

Acetone

Concen: 98.659 ug/l

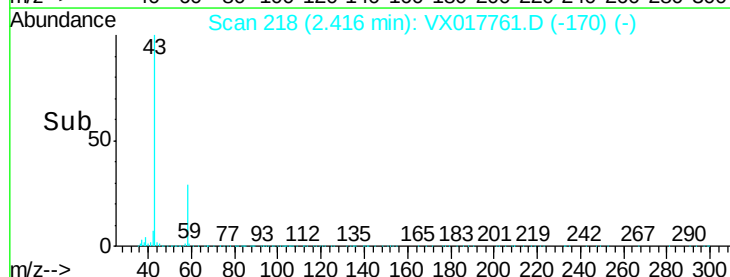
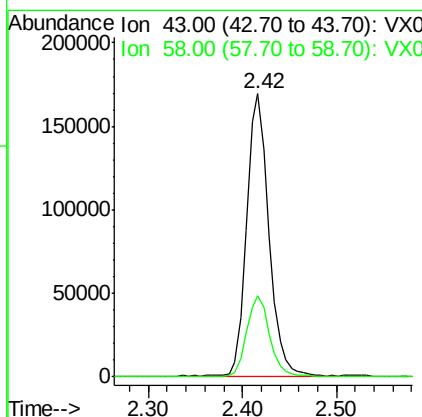
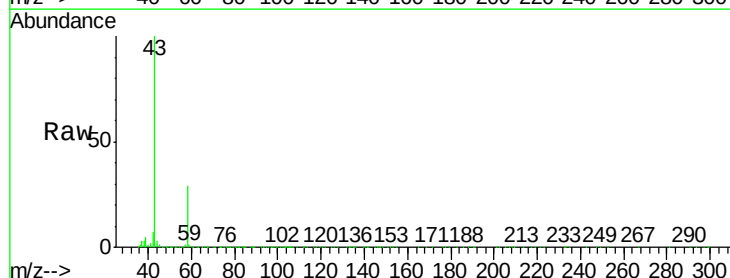
RT: 2.42 min Scan# 218

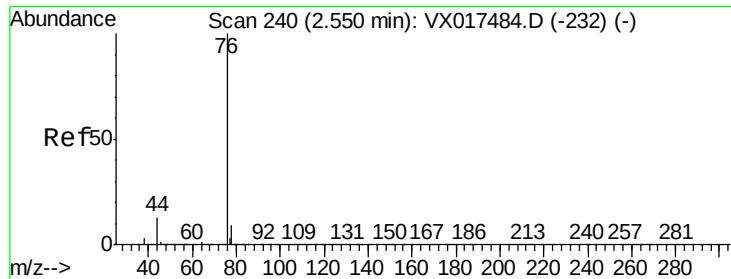
Delta R.T. -0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.2	36.4





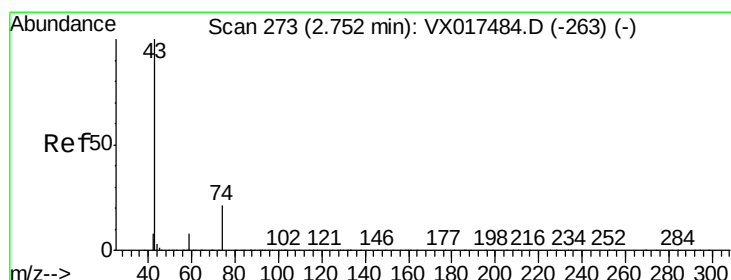
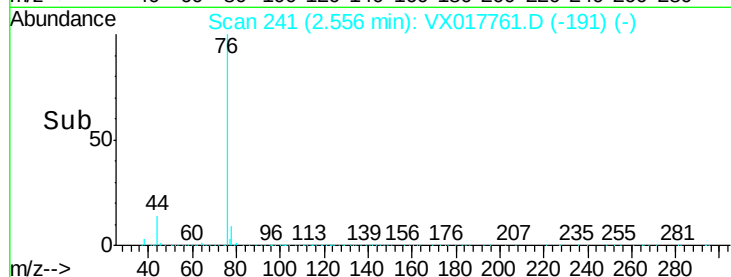
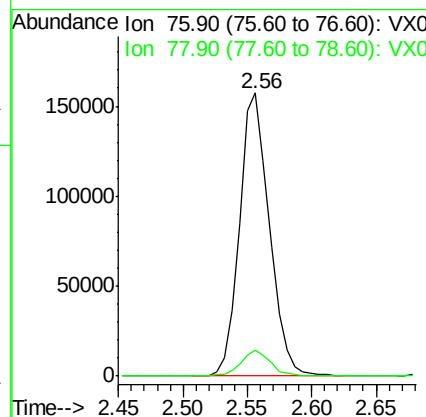
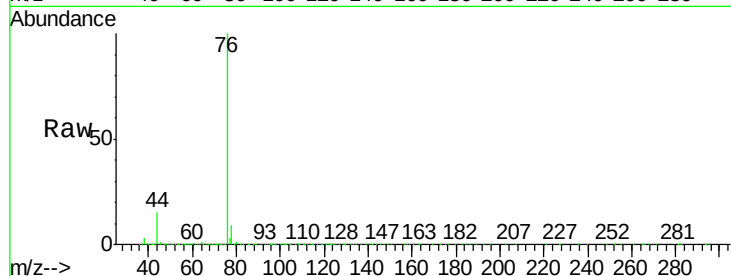
#17
Carbon Disulfide
Concen: 16.001 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

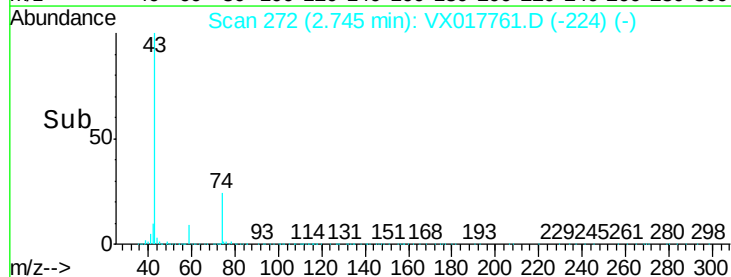
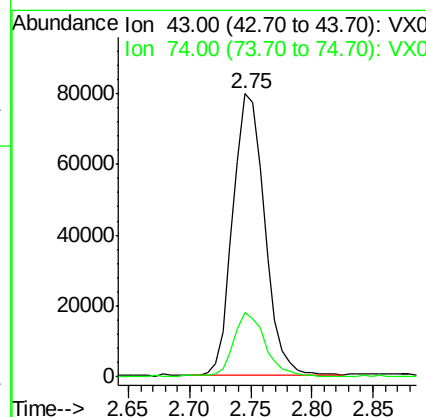
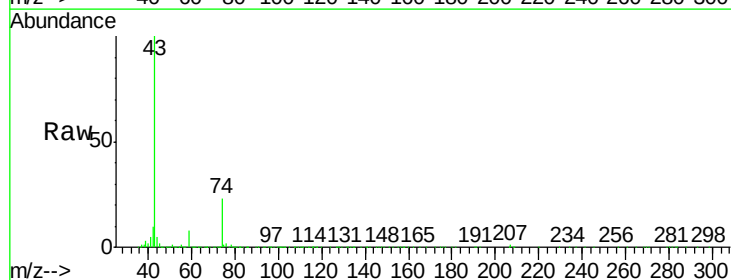
Manual Integrations
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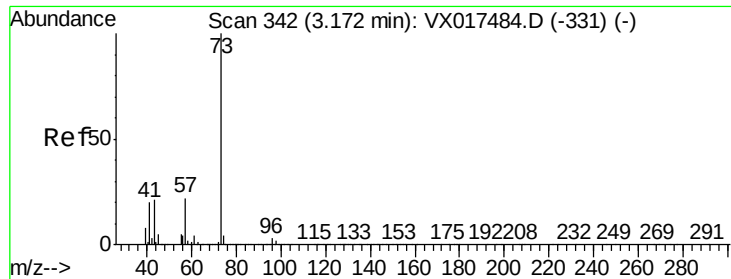
MMDadoda
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#18
Methyl Acetate
Concen: 21.604 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.5	26.3





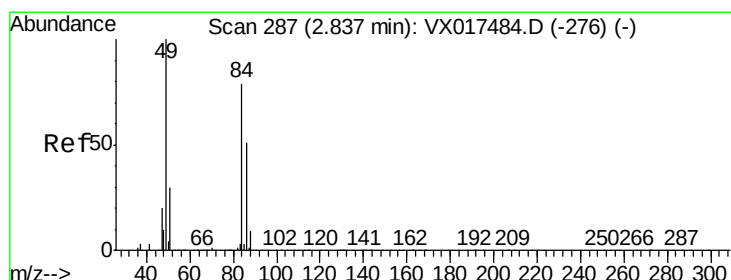
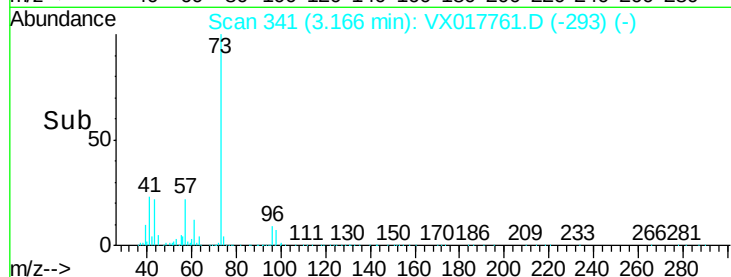
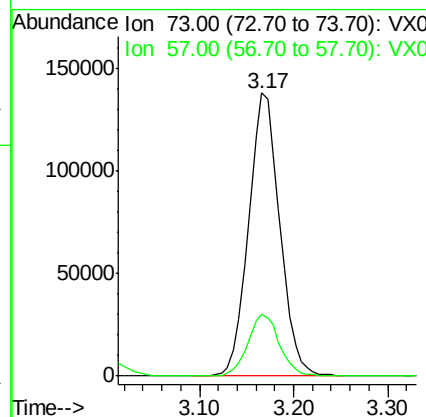
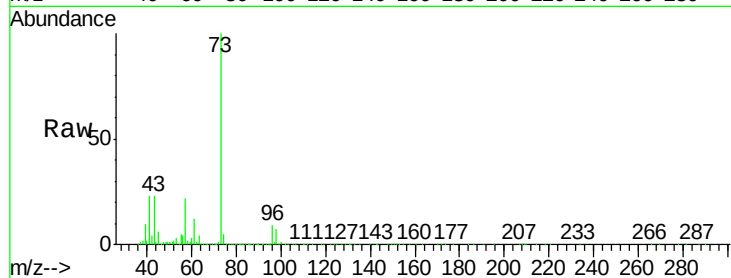
#19
Methyl tert-butyl Ether
Concen: 17.864 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion: 73 Resp: 320433
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.4

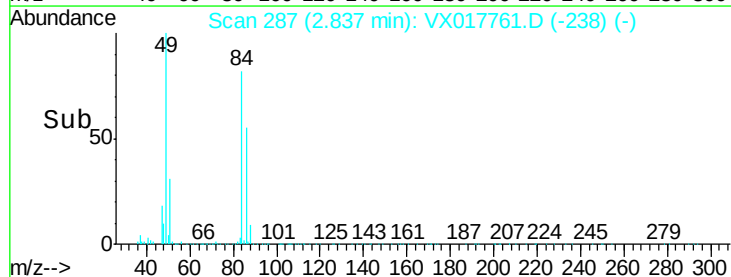
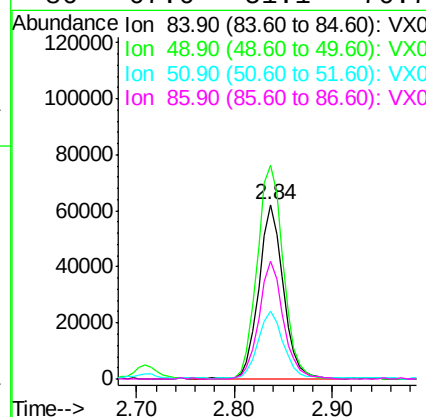
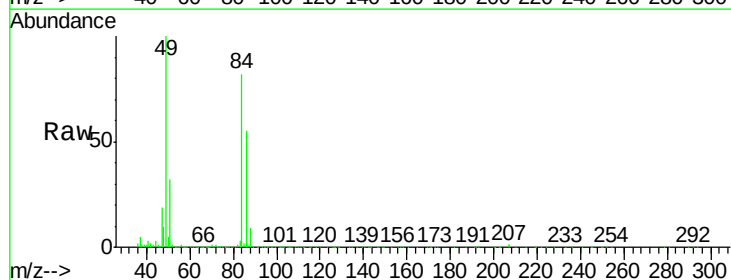
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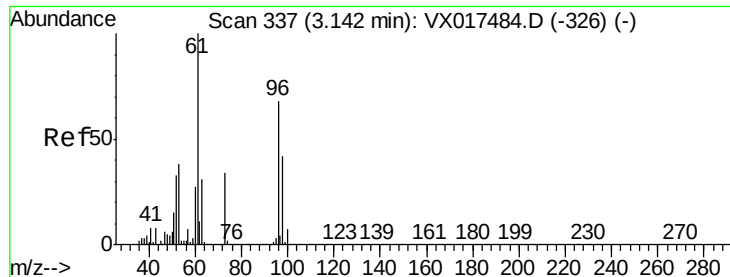
MMDadoda
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#20
Methylene Chloride
Concen: 19.736 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion: 84 Resp: 109592
Ion Ratio Lower Upper
84 100
49 122.1 100.3 150.5
51 38.5 30.5 45.7
86 67.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.846 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBS01

Tgt Ion: 96 Resp: 99077
Ion Ratio Lower Upper

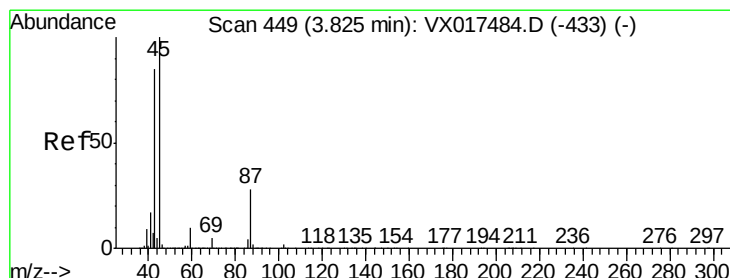
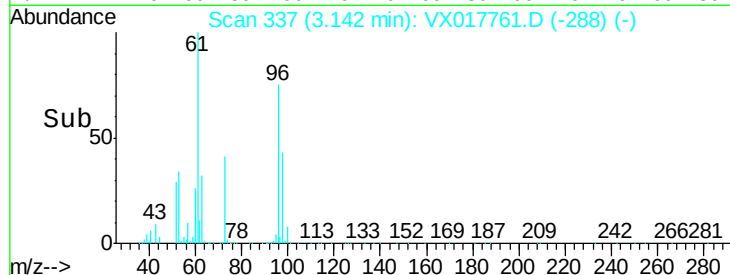
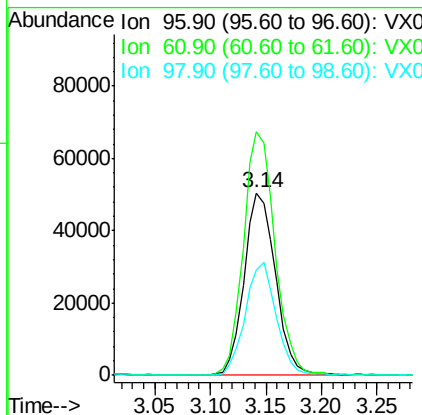
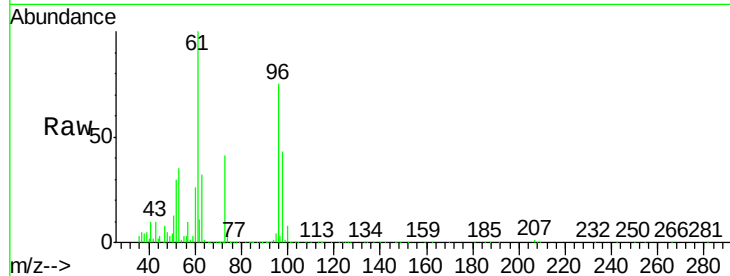
96 100

61 133.5 113.0 169.4

98 57.3 51.8 77.8

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#22

Diisopropyl ether

Concen: 19.214 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

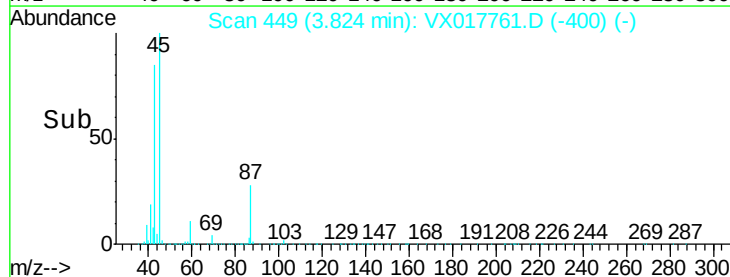
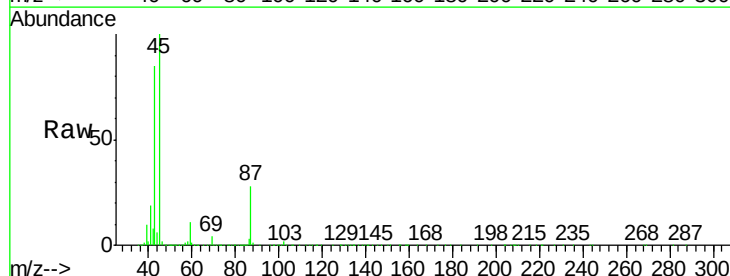
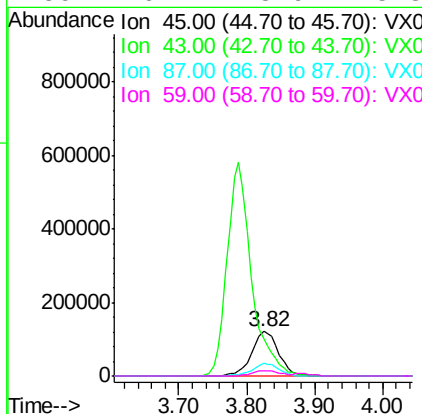
Tgt Ion: 45 Resp: 332454
Ion Ratio Lower Upper

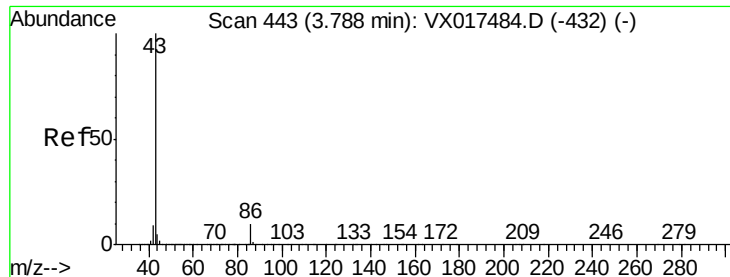
45 100

43 84.6 52.0 78.0#

87 27.5 22.2 33.4

59 10.7 8.9 13.3





#23

Vinyl Acetate

Concen: 94.211 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBS01

Tgt Ion: 43 Resp: 1453422

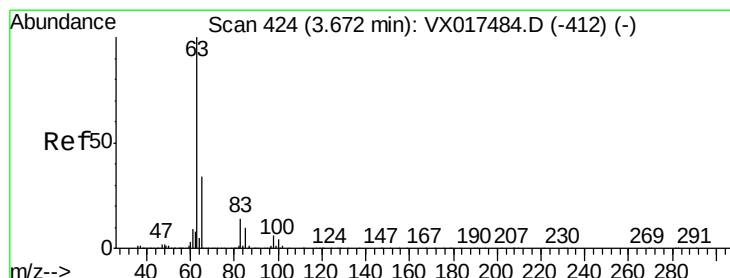
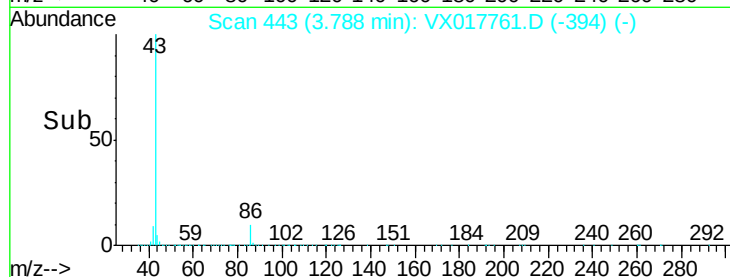
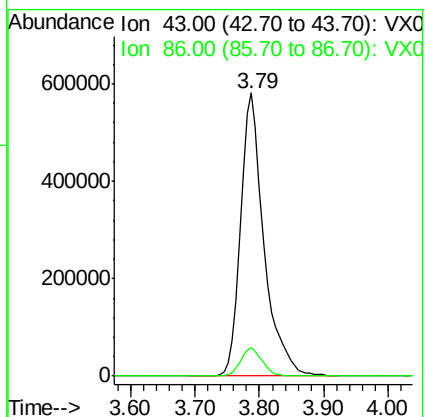
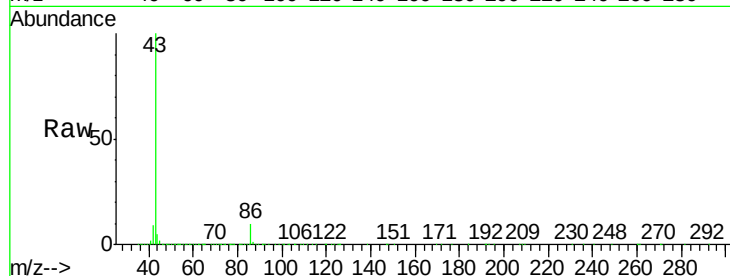
Ion Ratio Lower Upper

43 100

86 9.9 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 19.036 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

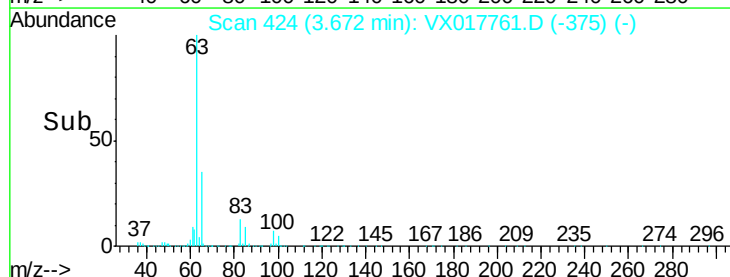
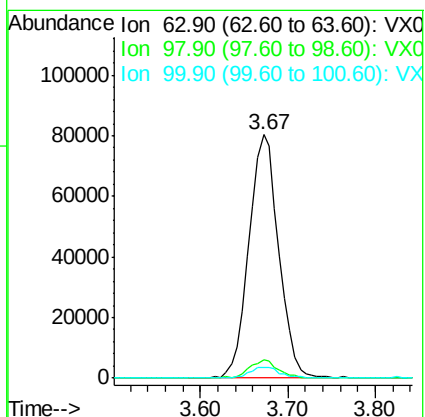
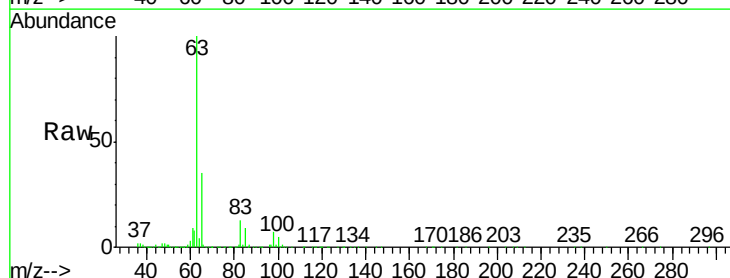
Tgt Ion: 63 Resp: 189735

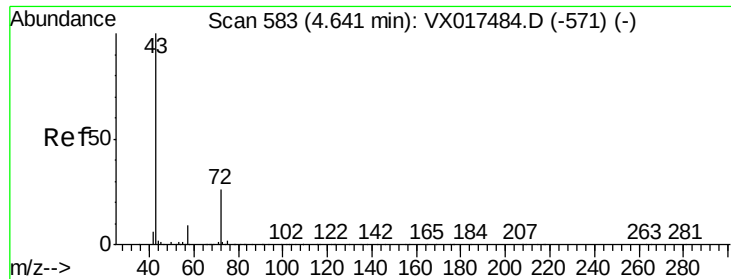
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 4.6 1.9 5.7





#25

2-Butanone

Concen: 98.143 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBS01

Tgt Ion: 43 Resp: 395494

Ion Ratio Lower Upper

43 100

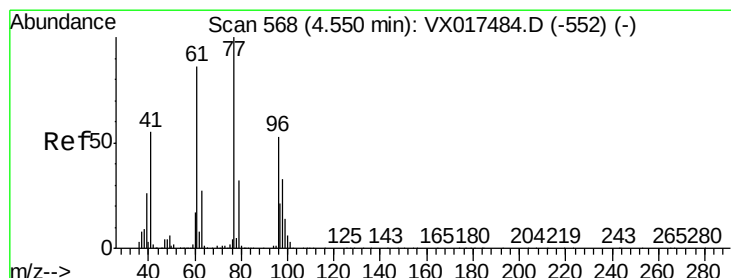
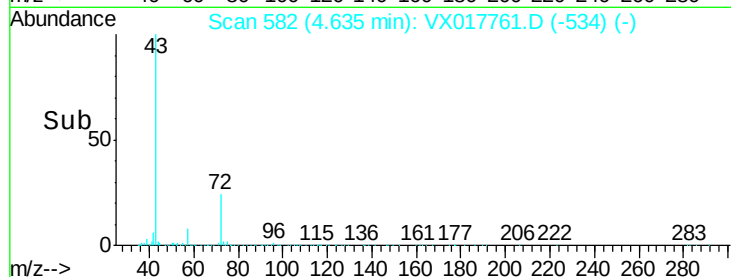
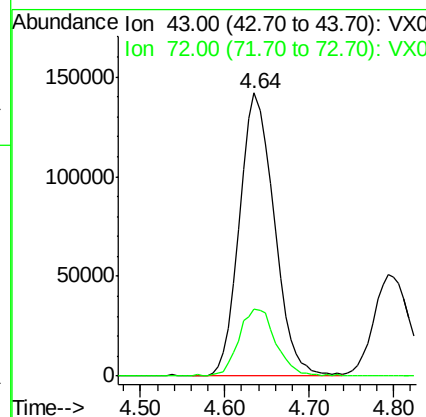
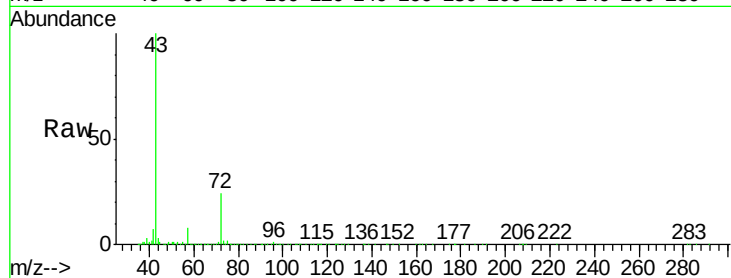
72 23.6 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.146 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017761.D

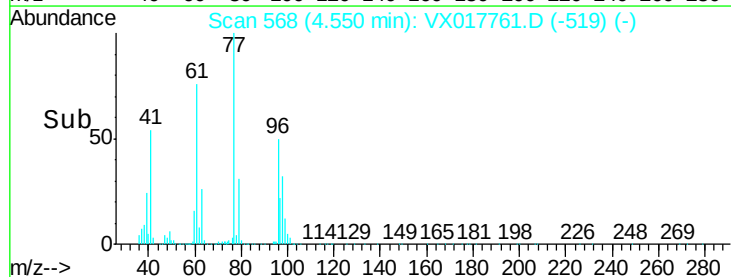
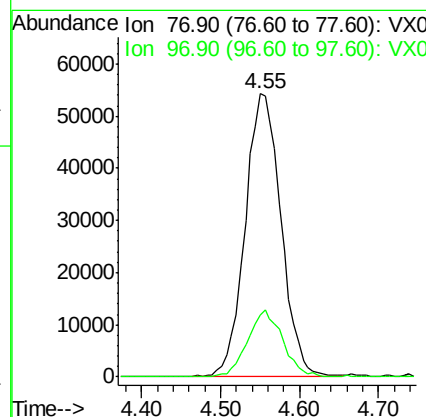
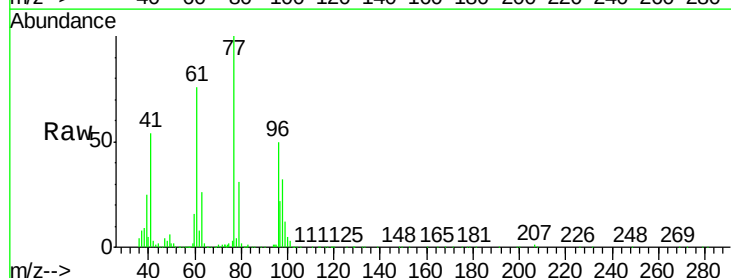
Acq: 04 Aug 2020 11:29

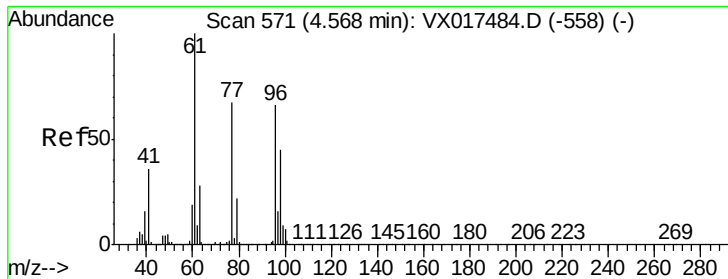
Tgt Ion: 77 Resp: 170824

Ion Ratio Lower Upper

77 100

97 23.2 10.9 32.9





#27

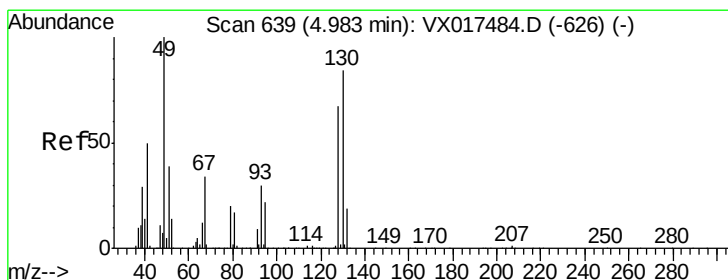
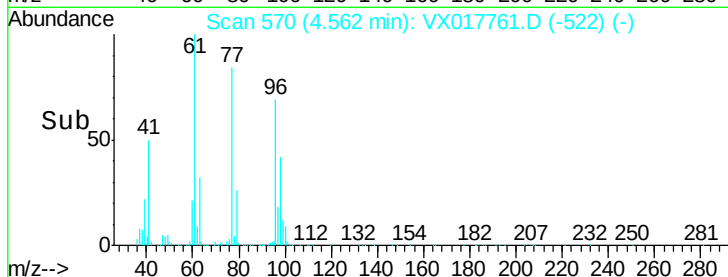
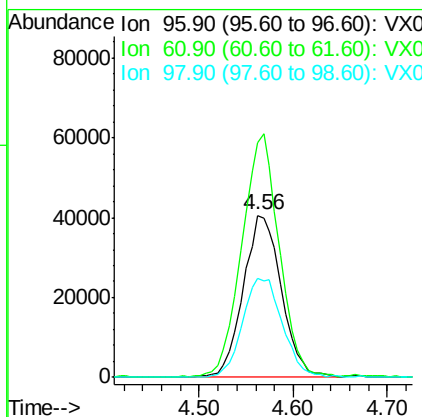
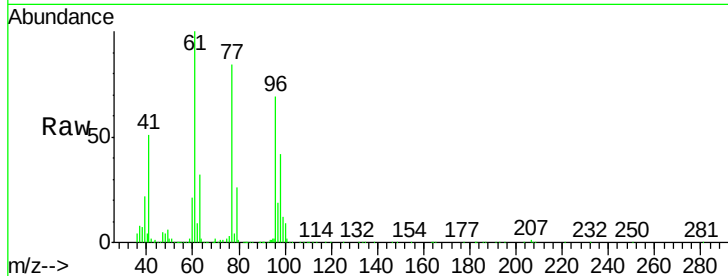
cis-1,2-Dichloroethene
Concen: 19.086 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	115091		
61	146.5	0.0	301.2	
98	64.3	0.0	130.0	

Manual Integrations
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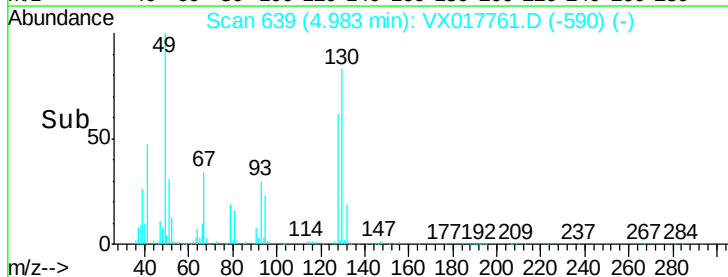
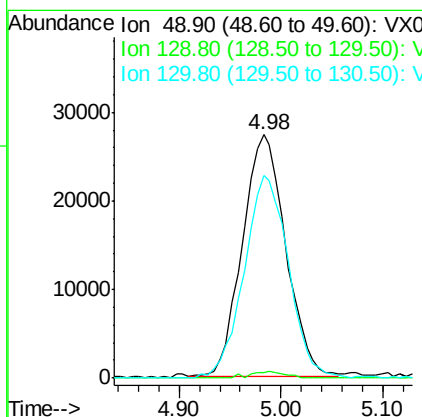
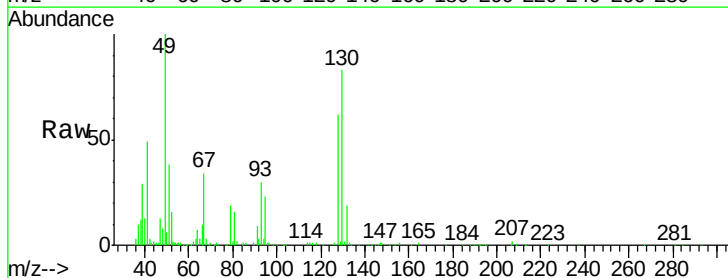
MMDadoda
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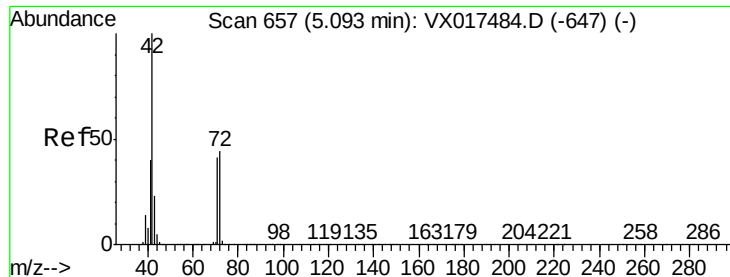


#28

Bromochloromethane
Concen: 17.908 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	80884		
129	2.2	0.0	4.6	
130	85.3	66.7	100.1	





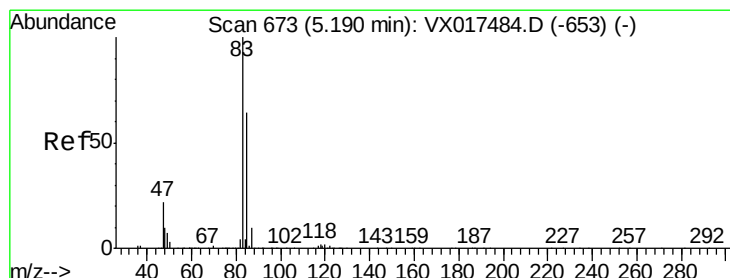
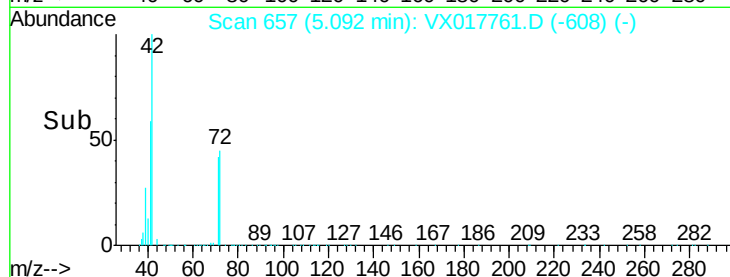
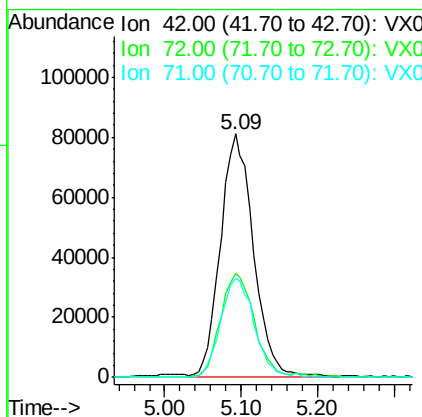
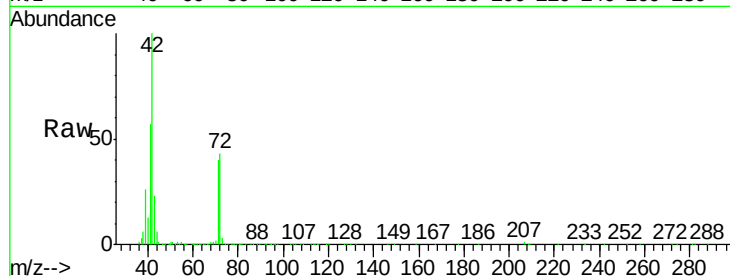
#29
Tetrahydrofuran
Concen: 96.438 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.5	53.3
71	40.8	33.0	49.4

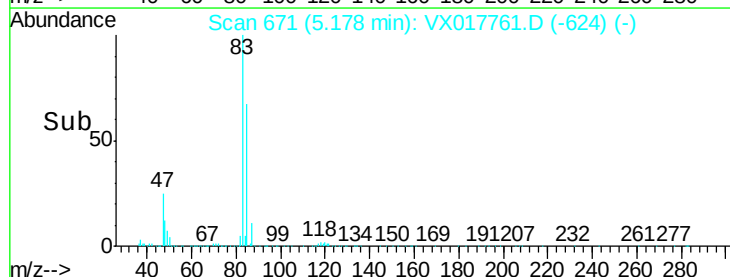
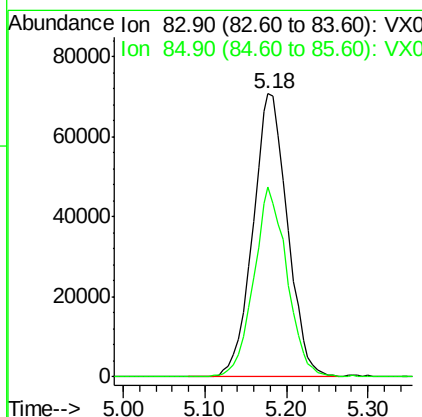
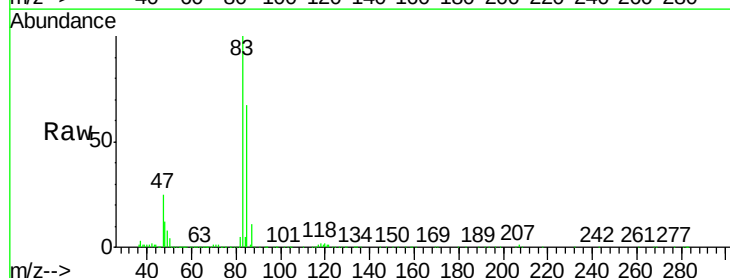
Manual Integrations
APPROVED

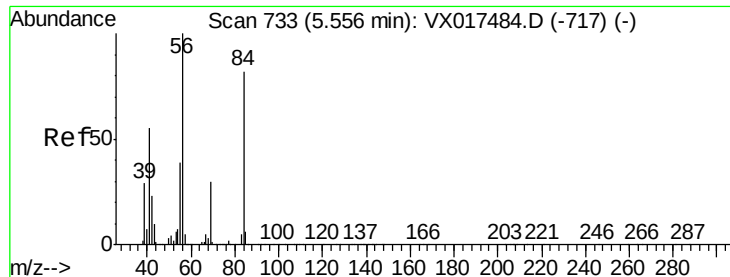
MMDadoda
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#30
Chloroform
Concen: 20.484 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.4	77.2





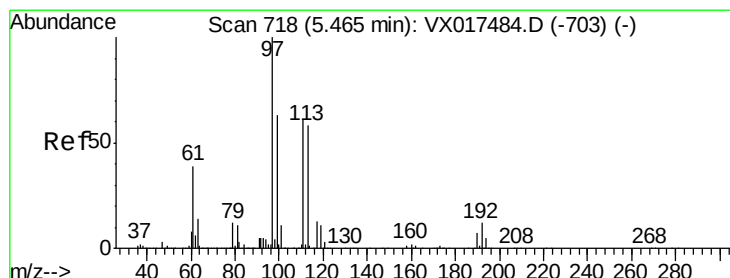
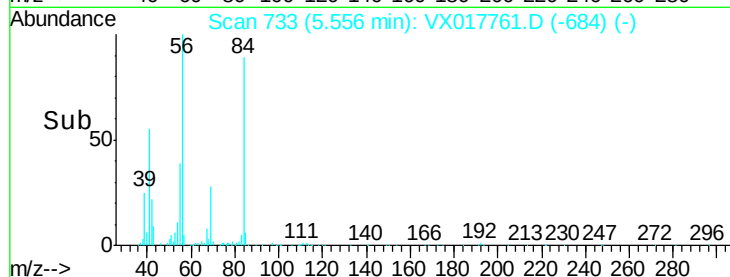
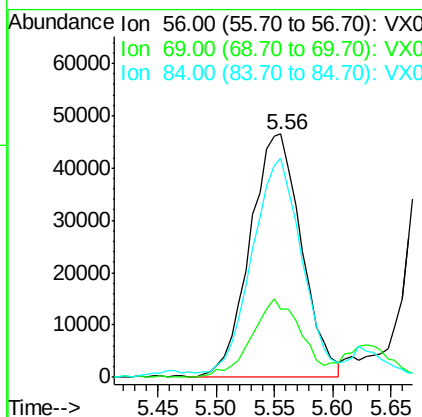
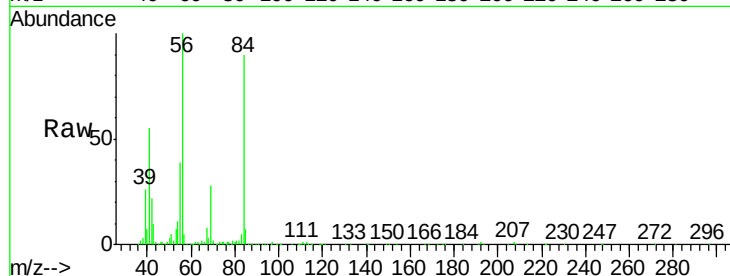
#31
Cyclohexane
Concen: 17.843 ug/l
RT: 5.56 min Scan# 733
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.2	24.2	36.4
84	87.9	69.0	103.6

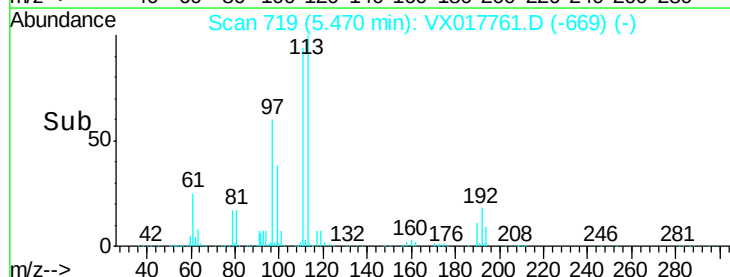
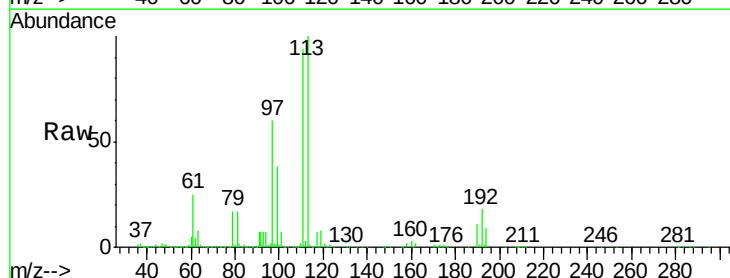
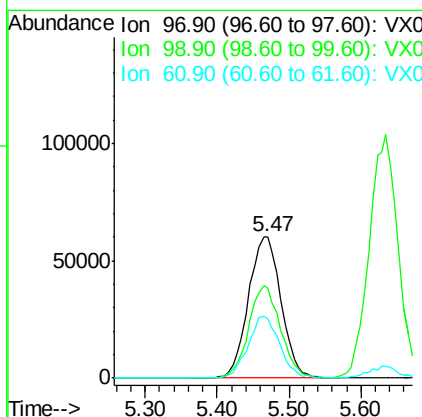
Manual Integrations
APPROVED

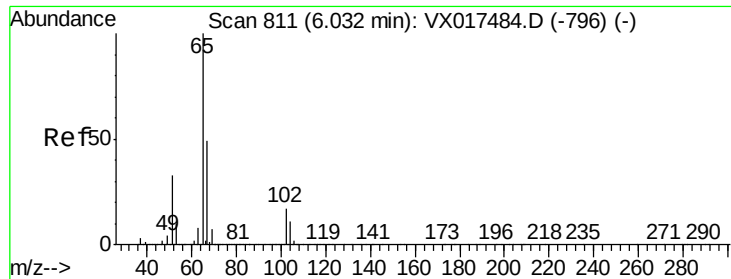
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.556 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.9	77.9
61	42.4	34.1	51.1





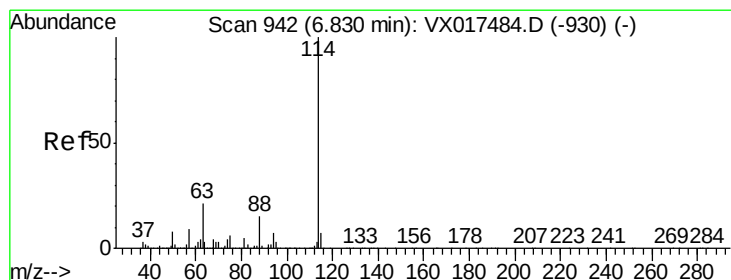
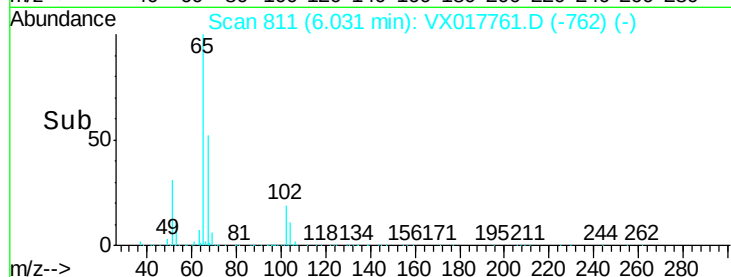
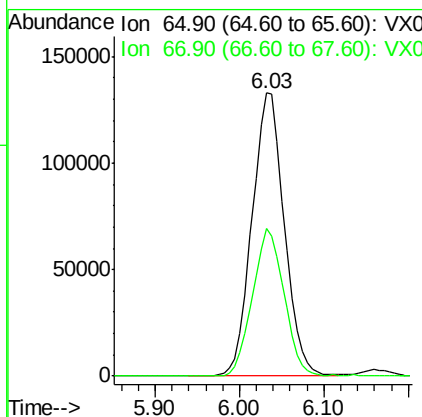
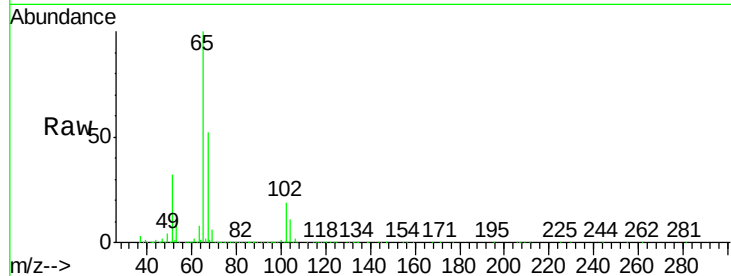
#33
 1,2-Dichloroethane-d4
 Concen: 53.950 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	347707		
67	51.0	0.0	102.8	

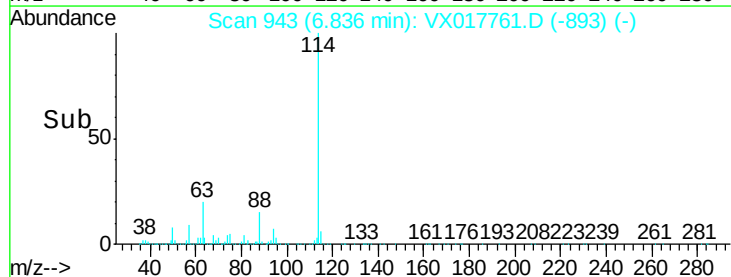
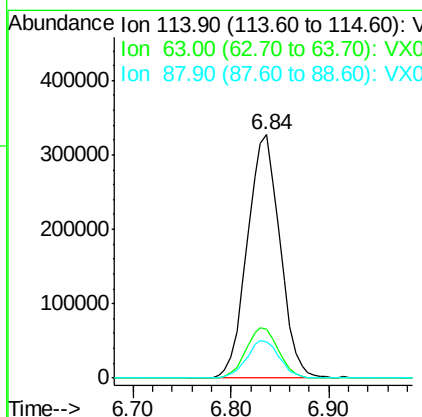
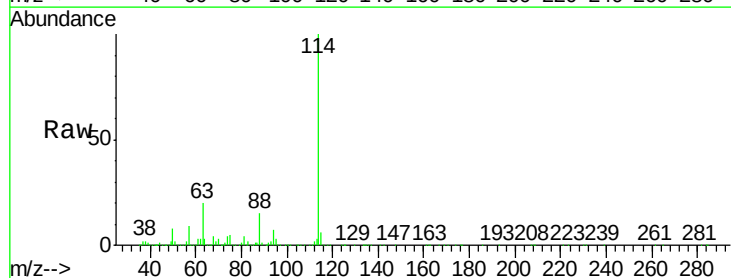
Manual Integrations
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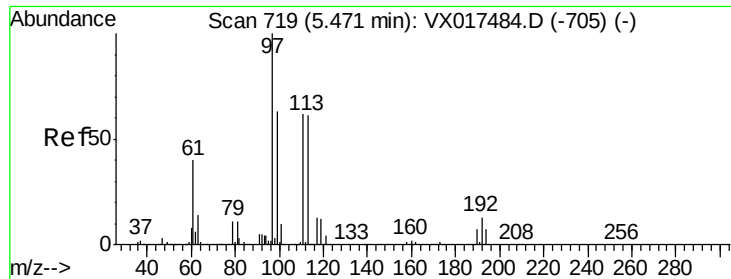
MMDadoda
 8/5/2020 2:51:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	761540		
63	20.0	0.0	40.6	
88	15.0	0.0	33.4	





#35

Dibromofluoromethane

Concen: 53.355 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

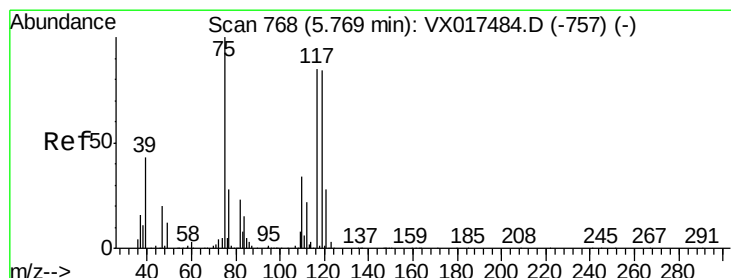
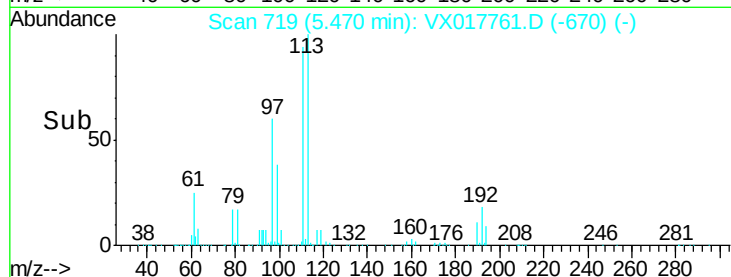
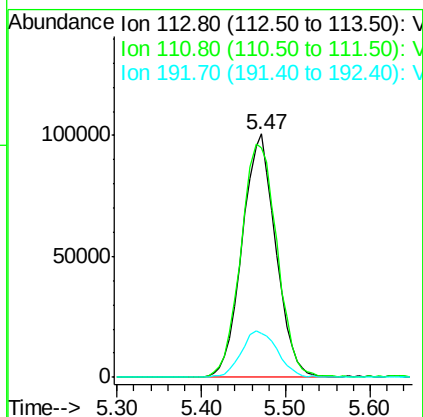
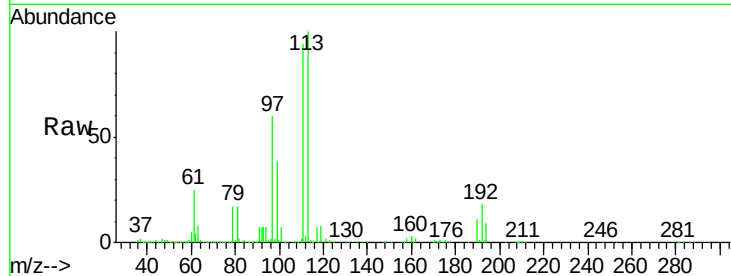
ClientSampled :

VX0804WBS01

Tgt Ion:	113	Resp:	271748
Ion Ratio	Lower	Upper	
113	100		
111	103.5	80.7	121.1
192	20.5	16.9	25.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.961 ug/l

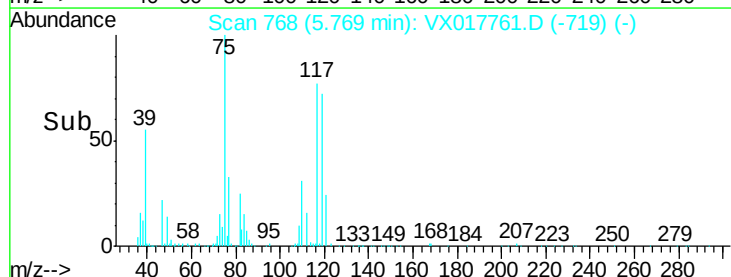
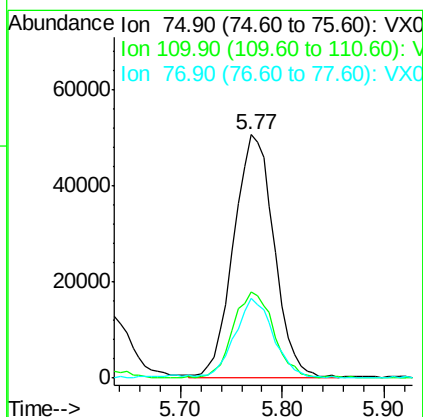
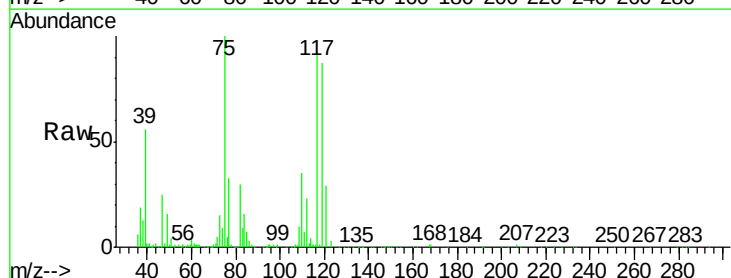
RT: 5.77 min Scan# 768

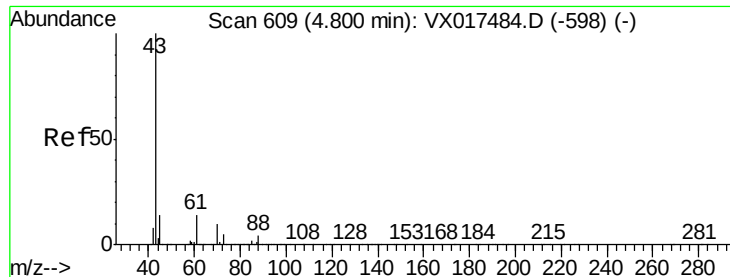
Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion:	75	Resp:	138487
Ion Ratio	Lower	Upper	
75	100		
110	35.4	18.1	54.3
77	31.5	24.6	37.0





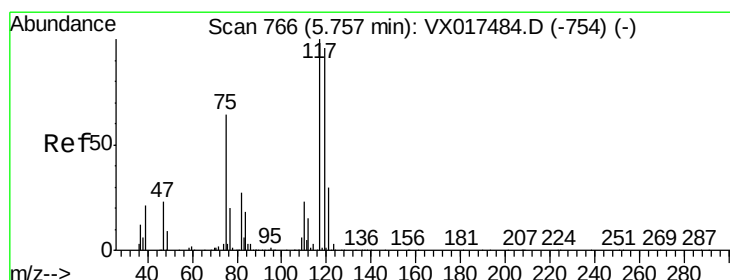
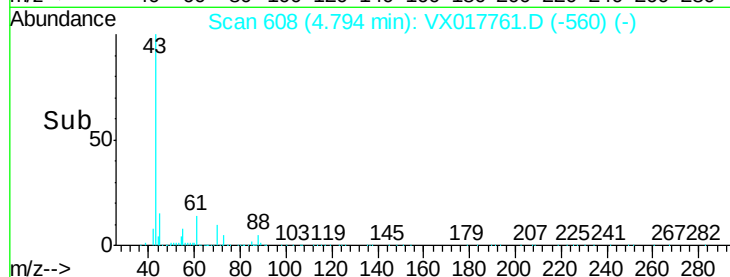
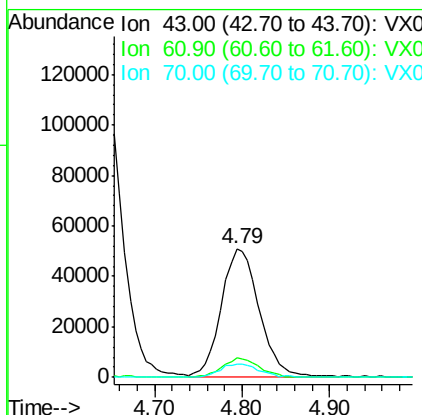
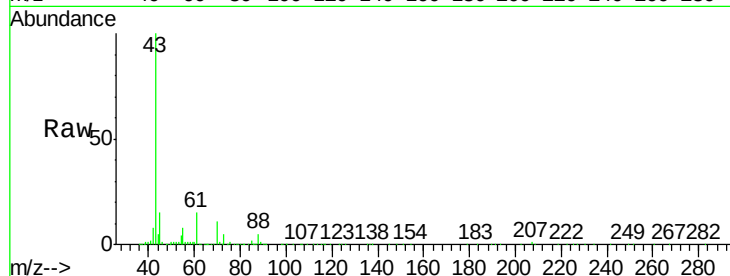
#37
Ethyl Acetate
Concen: 18.904 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.7	16.1
70	11.3	8.5	12.7

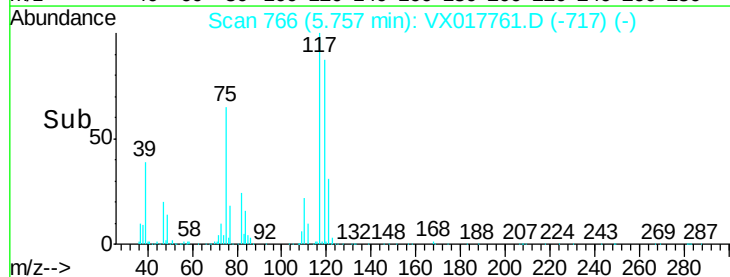
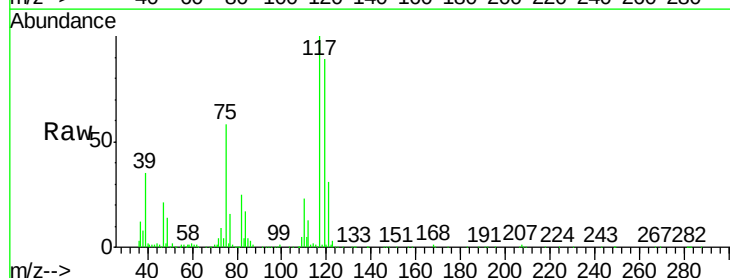
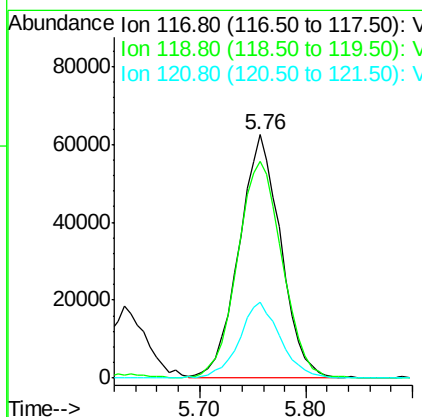
Manual Integrations
APPROVED

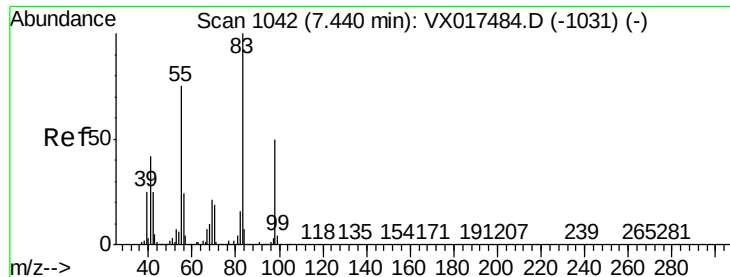
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8/5/2020 2:51:16 PM



#38
Carbon Tetrachloride
Concen: 19.328 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.2	75.4	113.0
121	31.0	24.3	36.5





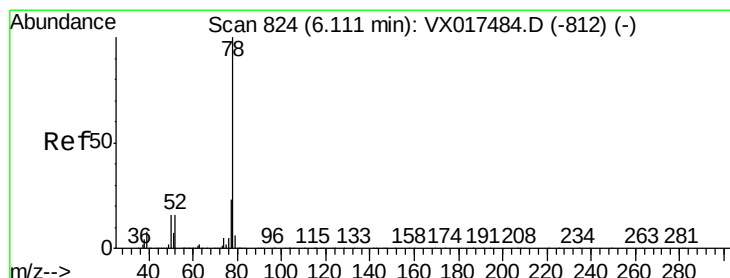
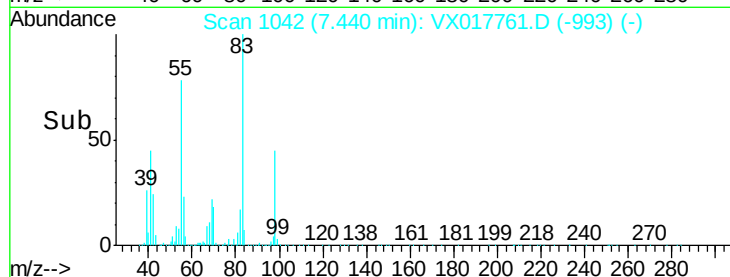
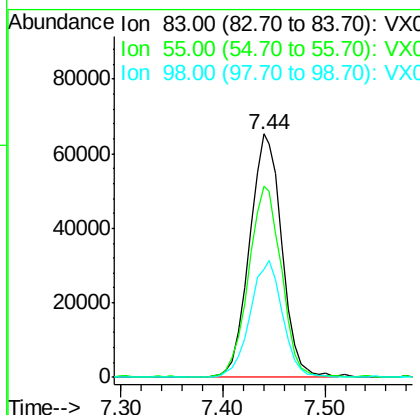
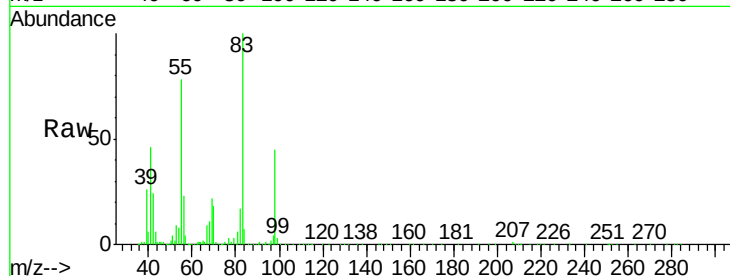
#39
Methylcyclohexane
Concen: 16.855 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	143711		
55	78.1	61.8	92.8	
98	44.4	36.9	55.3	

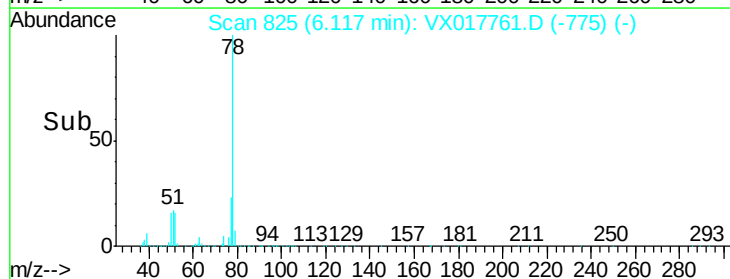
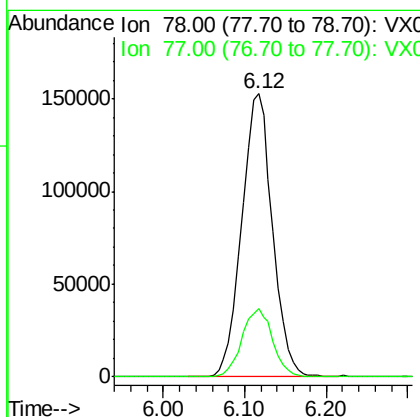
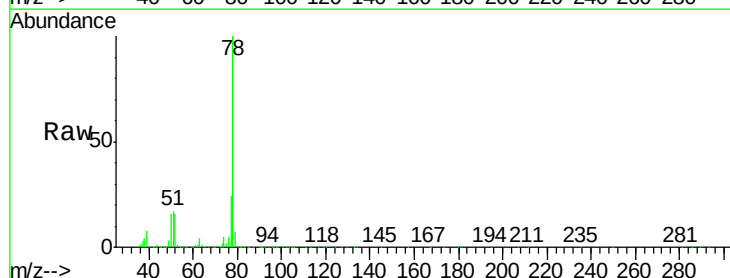
Manual Integrations
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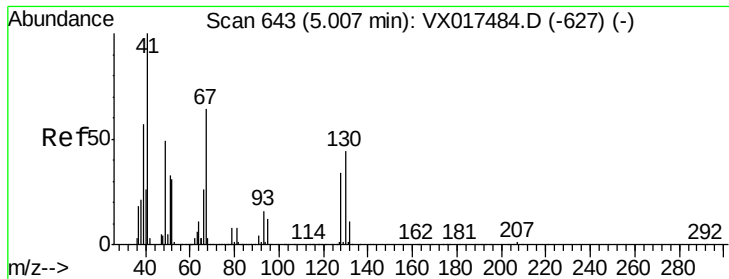
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#40
Benzene
Concen: 19.005 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	397953		
77	24.1	19.4	29.2	





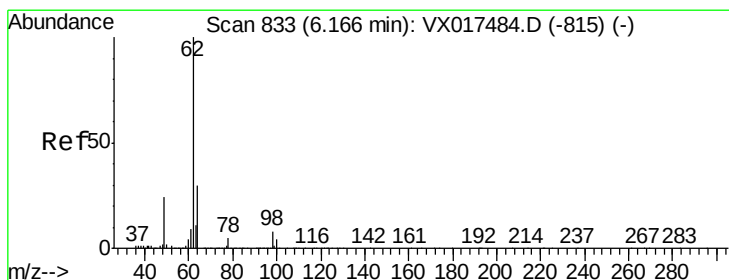
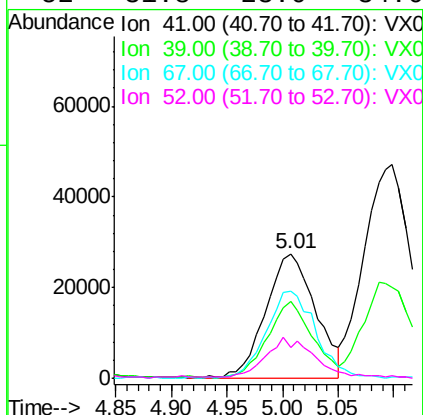
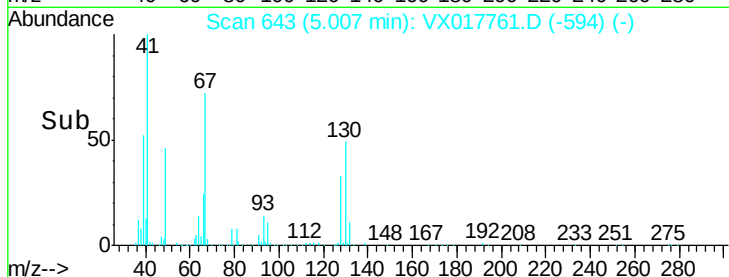
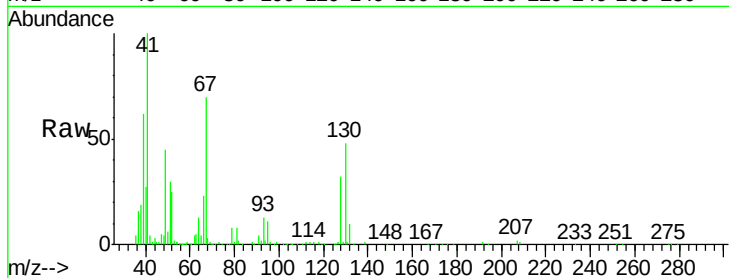
#41
Methacrylonitrile
Concen: 18.669 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.9	65.9
67	69.8	54.0	81.0
52	31.8	23.0	34.6

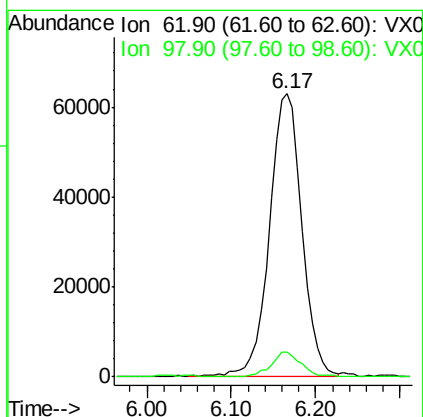
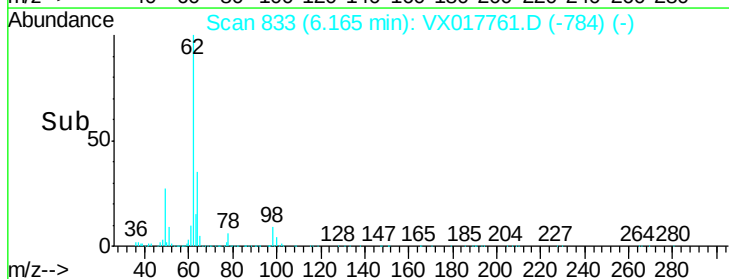
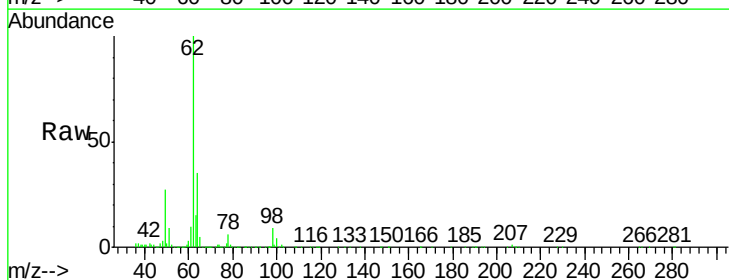
Manual Integrations
APPROVED

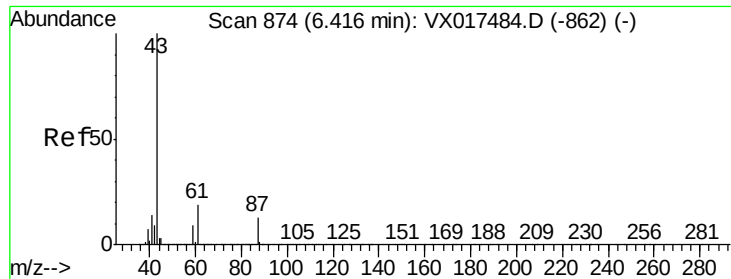
MMDadoda
8/5/2020 2:51:16 PM



#42
1,2-Dichloroethane
Concen: 19.631 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0





#43

Isopropyl Acetate

Concen: 18.807 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

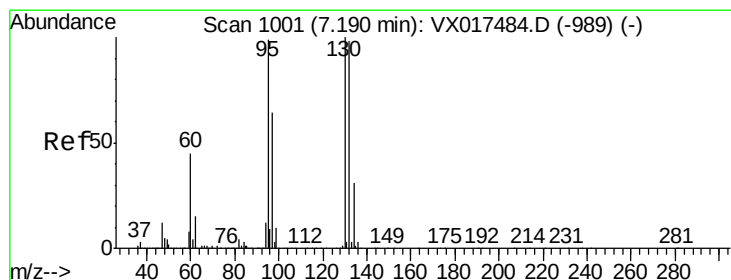
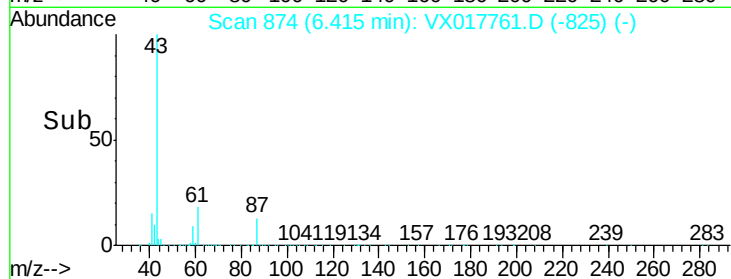
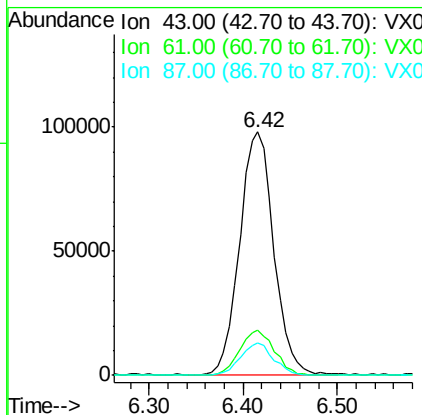
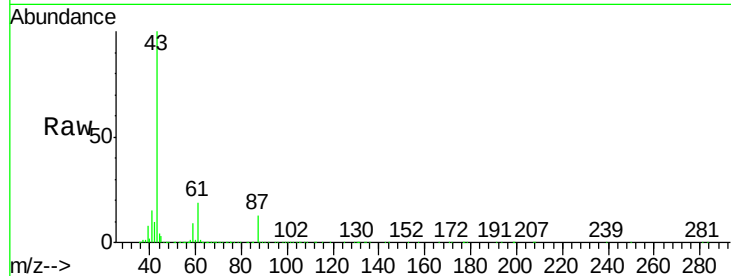
ClientSampleId :

VX0804WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.5	23.3
87	12.9	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 19.938 ug/l

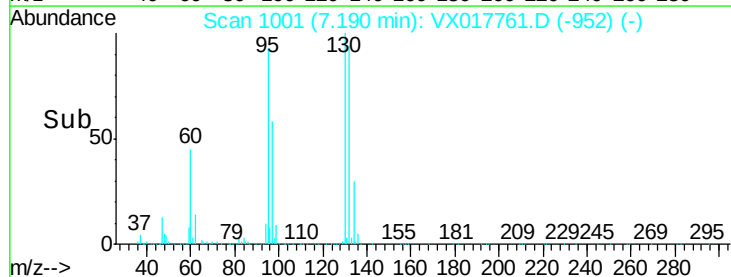
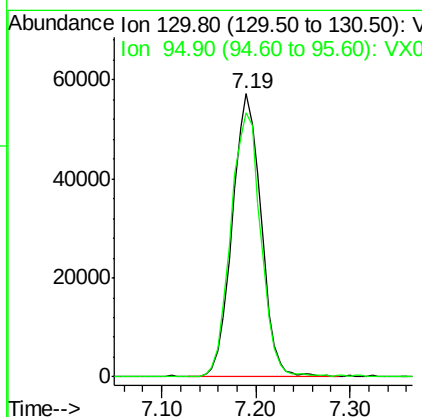
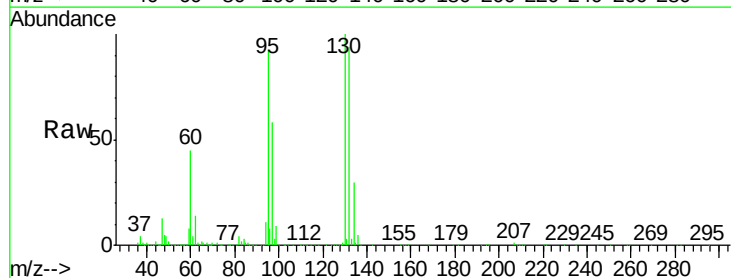
RT: 7.19 min Scan# 1001

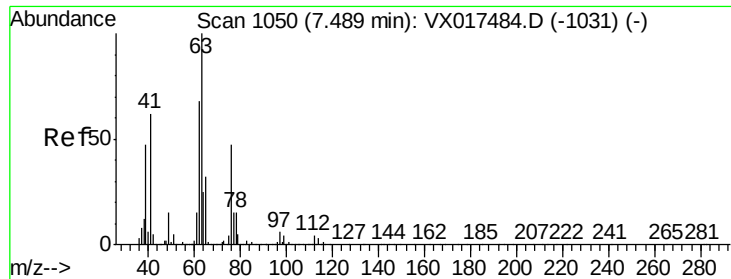
Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	189.0





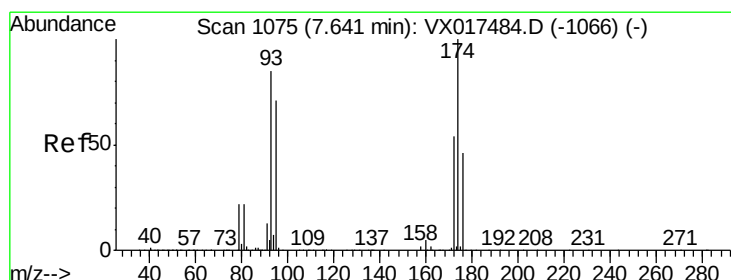
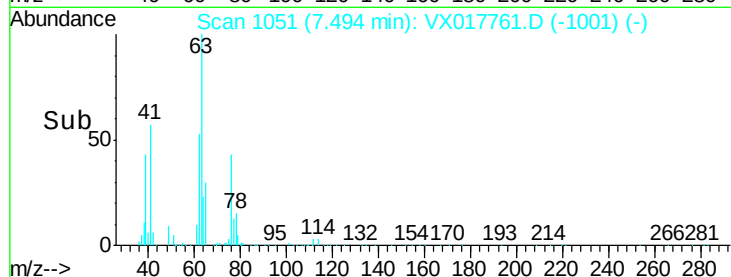
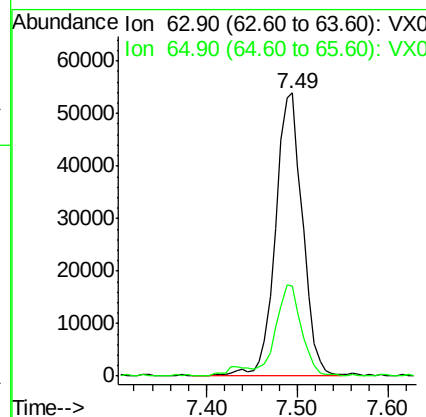
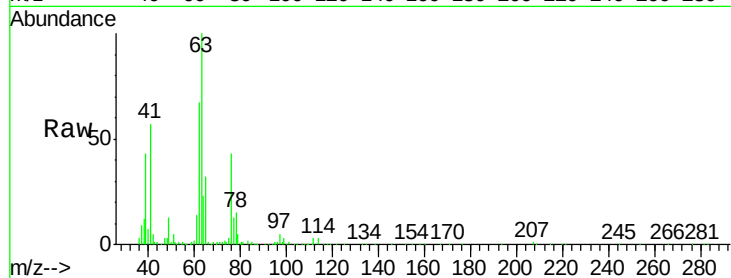
#45
 1,2-Dichloropropane
 Concen: 19.133 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBS01

Tgt Ion: 63 Resp: 111062
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.5 36.7

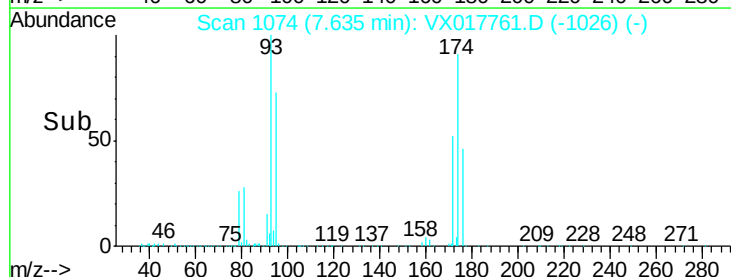
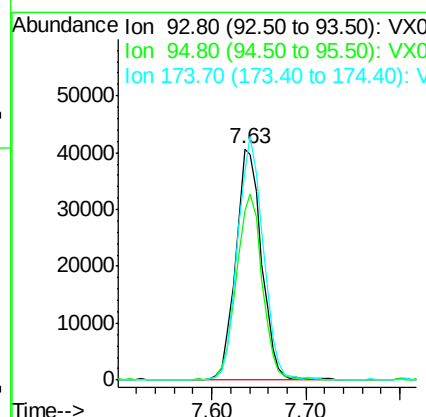
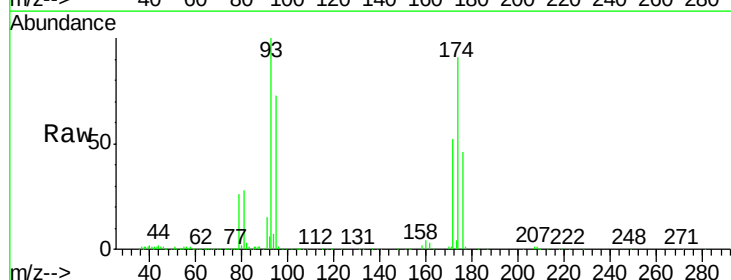
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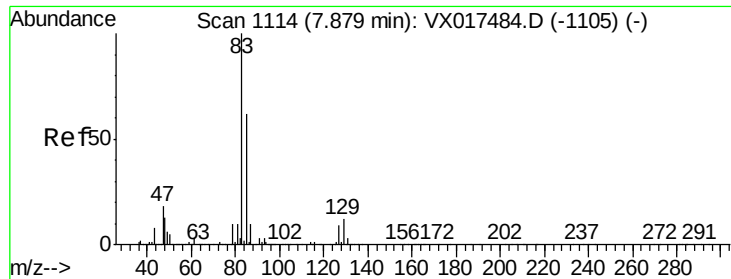
MMDadoda
 8/5/2020 2:51:16 PM



#46
 Dibromomethane
 Concen: 19.007 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion: 93 Resp: 77972
 Ion Ratio Lower Upper
 93 100
 95 80.2 66.6 99.8
 174 104.2 87.0 130.6





#47

Bromodichloromethane

Concen: 19.385 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

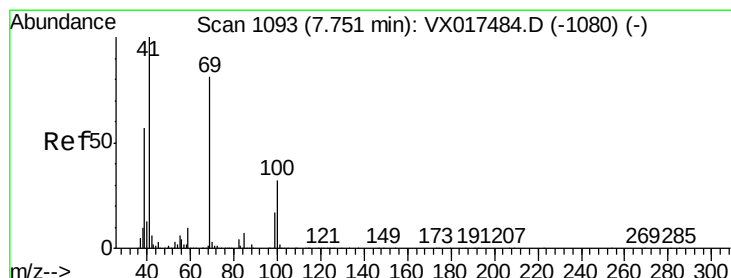
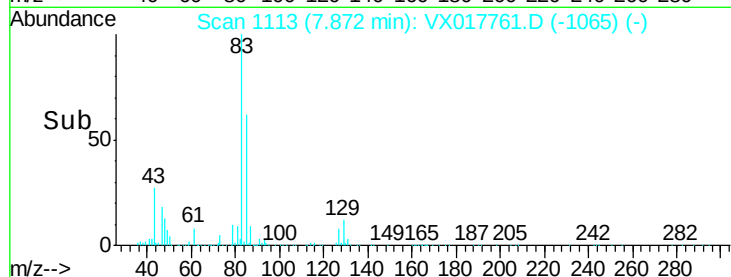
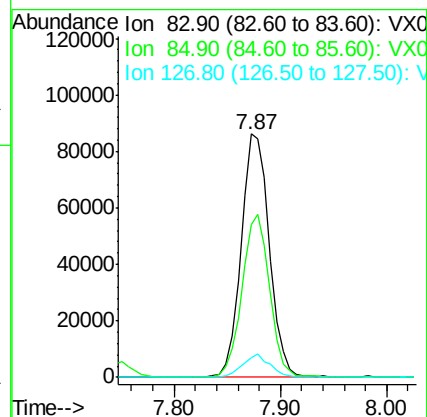
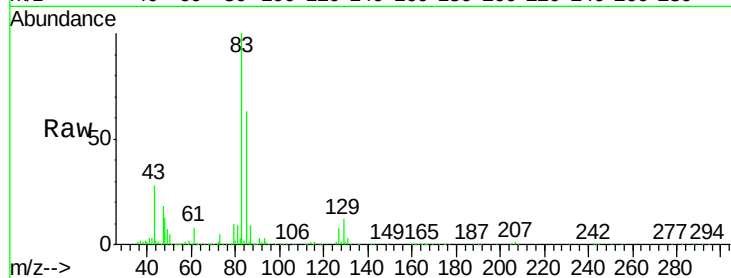
ClientSampleId :

VX0804WBS01

Tgt Ion:	83	Resp:	160015
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.8	77.8
127	8.1	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.872 ug/l

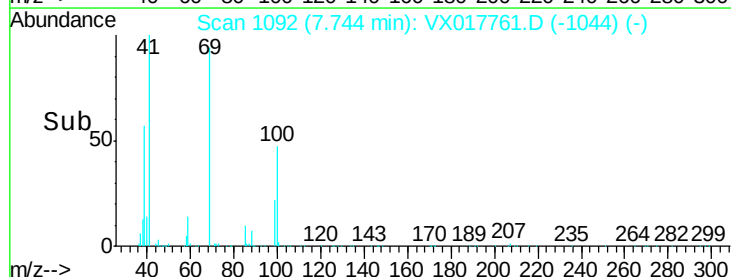
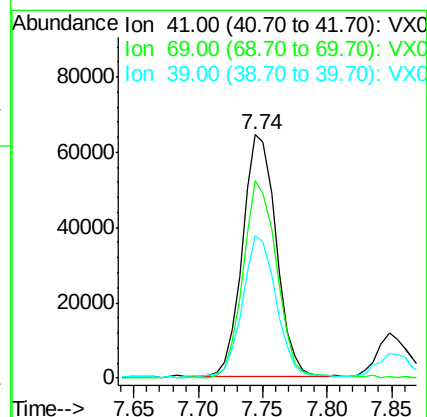
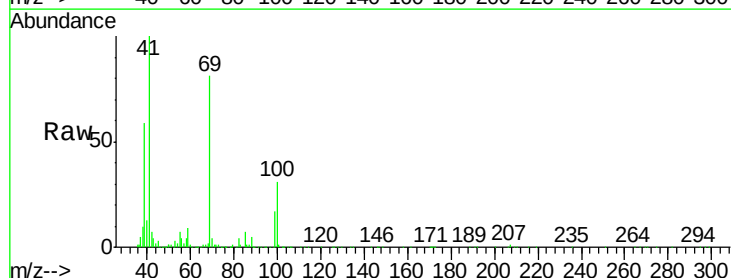
RT: 7.74 min Scan# 1092

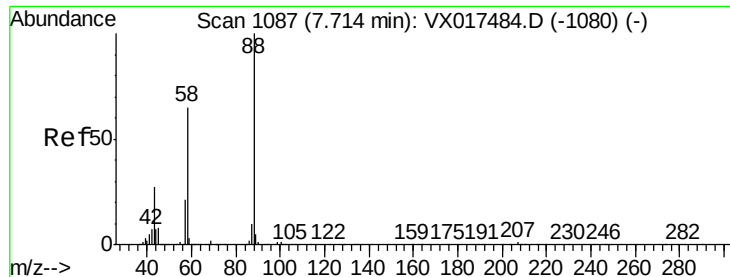
Delta R.T. -0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion:	41	Resp:	116813
Ion	Ratio	Lower	Upper
41	100		
69	80.2	63.1	94.7
39	59.1	45.1	67.7





#49

1,4-Dioxane

Concen: 381.206 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

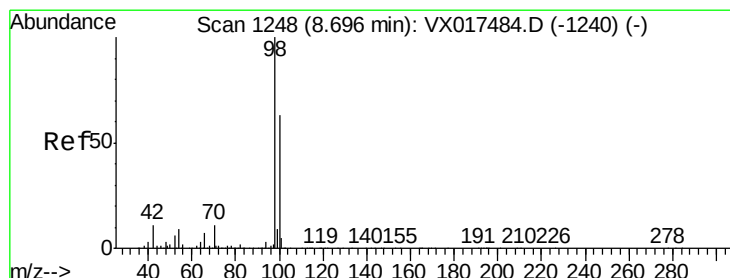
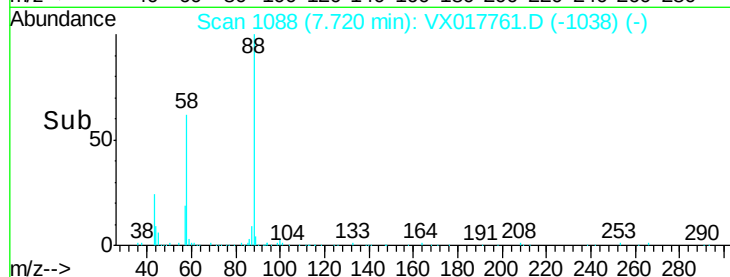
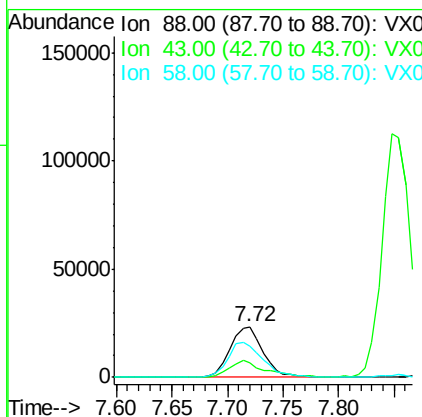
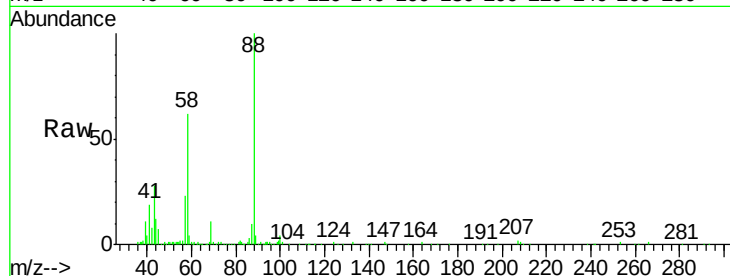
ClientSampleId :

VX0804WBS01

Tgt Ion:	88	Resp:	47769
Ion	Ratio	Lower	Upper
88	100		
43	36.9	27.8	41.6
58	73.9	58.3	87.5

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#50

Toluene-d8

Concen: 51.671 ug/l

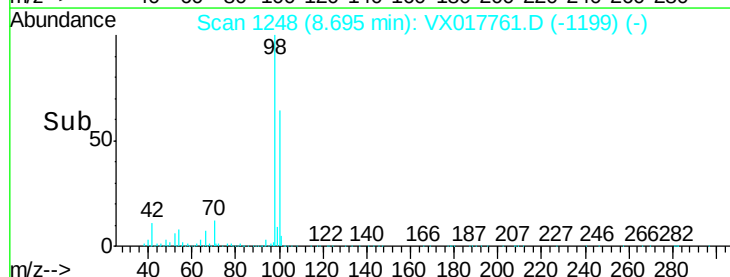
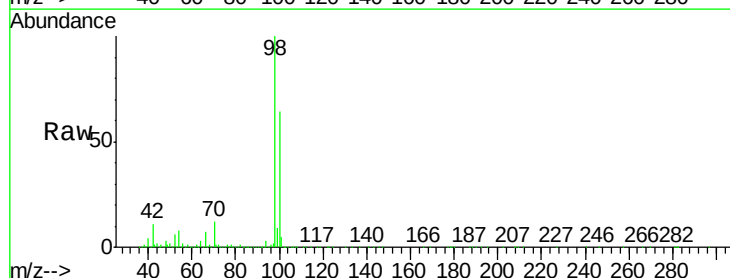
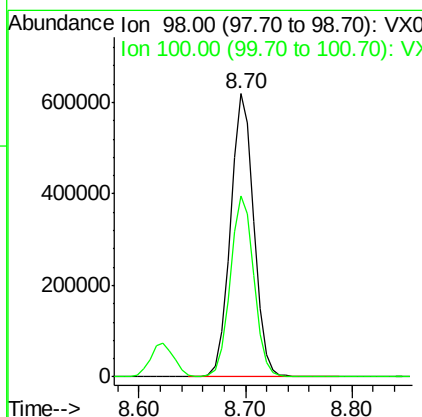
RT: 8.70 min Scan# 1248

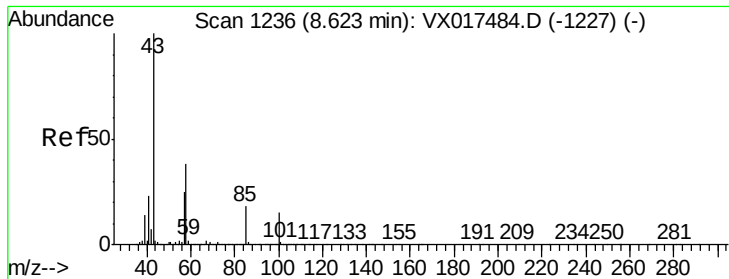
Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion:	98	Resp:	949391
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5





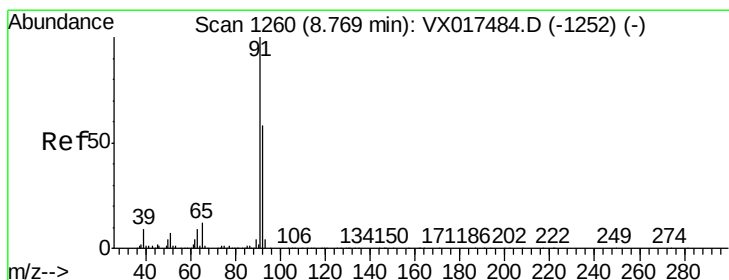
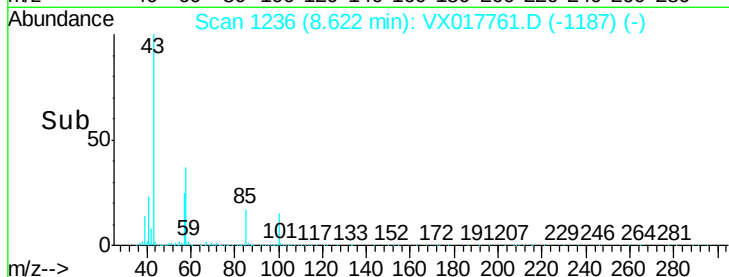
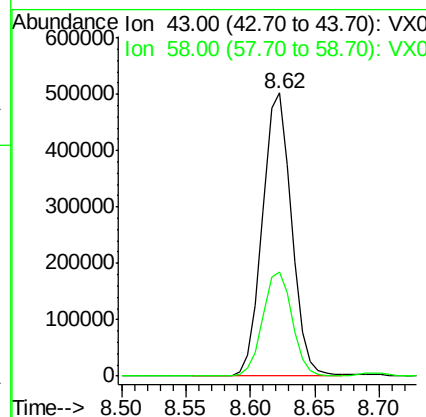
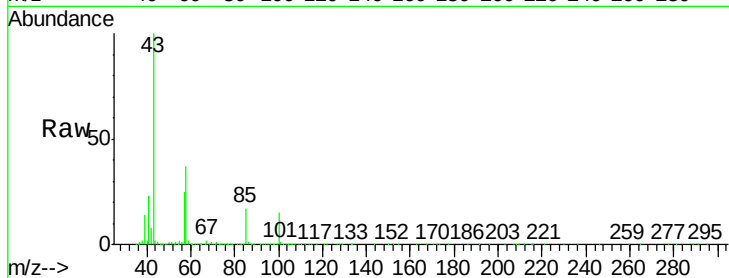
#51
4-Methyl-2-Pentanone
Concen: 99.464 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion: 43 Resp: 782513
Ion Ratio Lower Upper
43 100
58 37.5 31.0 46.4

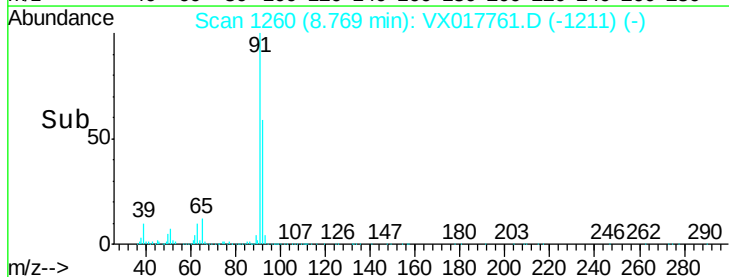
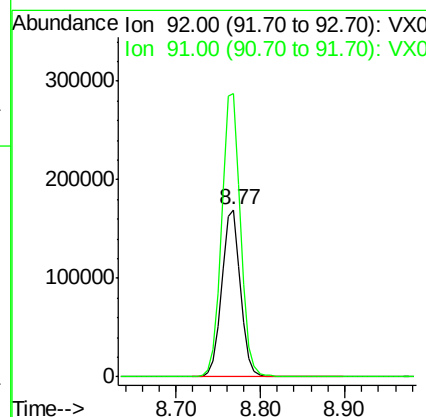
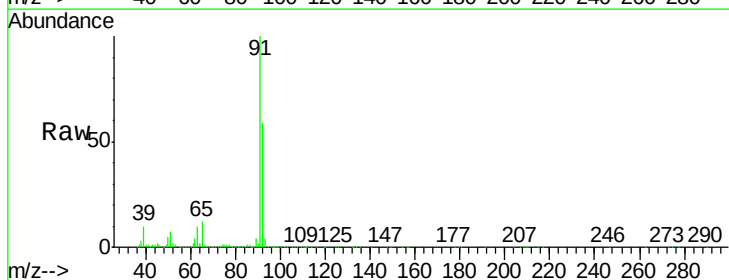
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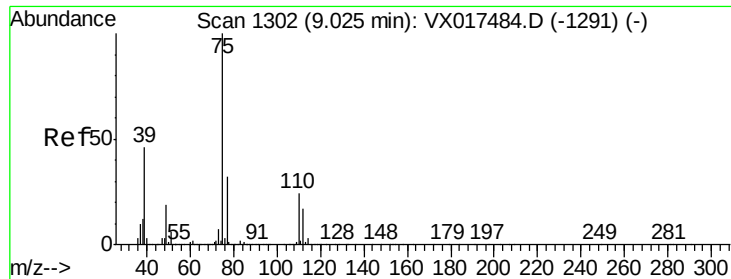
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#52
Toluene
Concen: 19.452 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion: 92 Resp: 261224
Ion Ratio Lower Upper
92 100
91 171.1 137.6 206.4





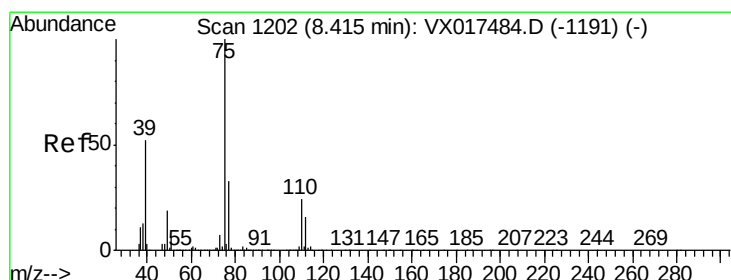
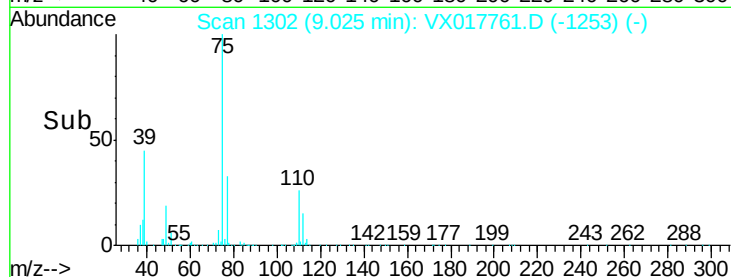
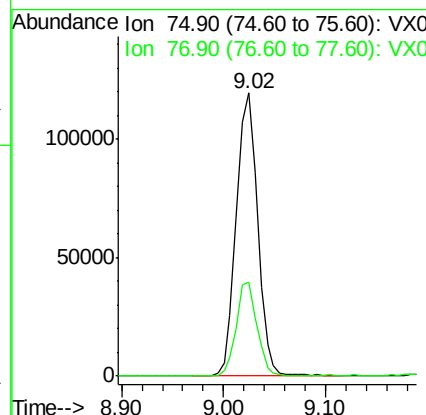
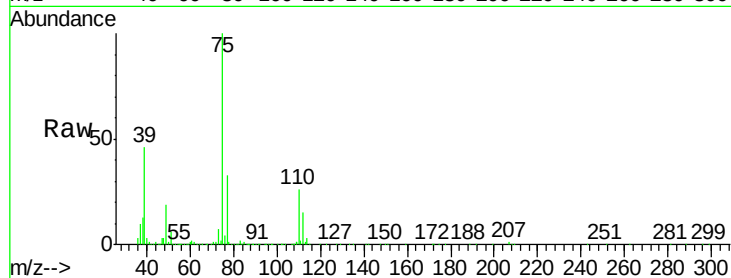
#53
t-1,3-Dichloropropene
Concen: 18.725 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion: 75 Resp: 173024
Ion Ratio Lower Upper
75 100
77 32.9 25.5 38.3

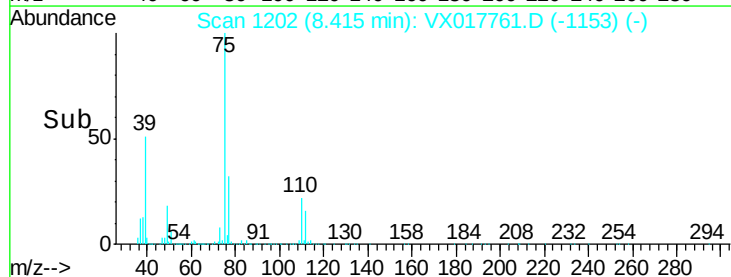
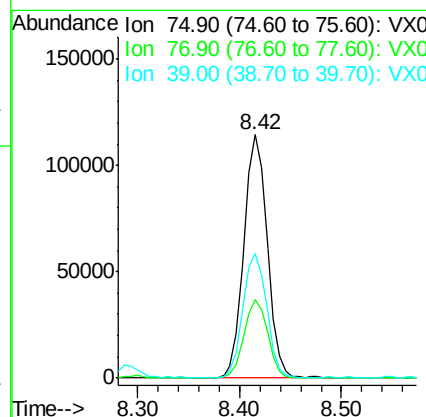
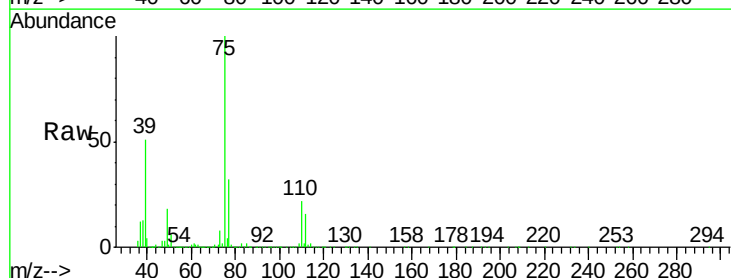
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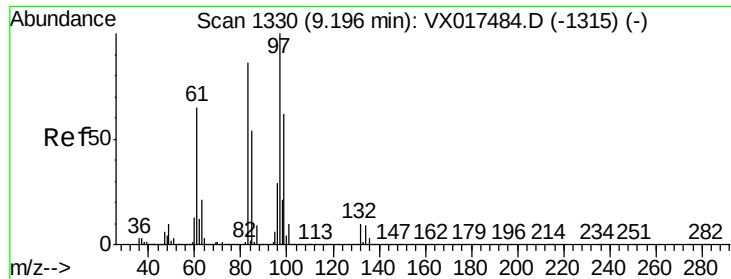
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#54
cis-1,3-Dichloropropene
Concen: 19.318 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion: 75 Resp: 182068
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
39 51.0 41.8 62.8





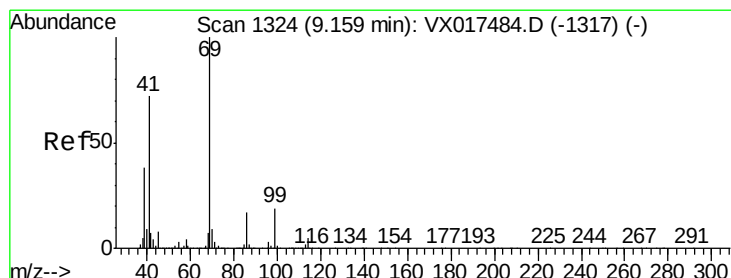
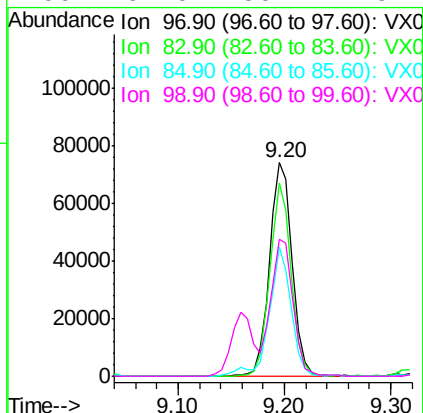
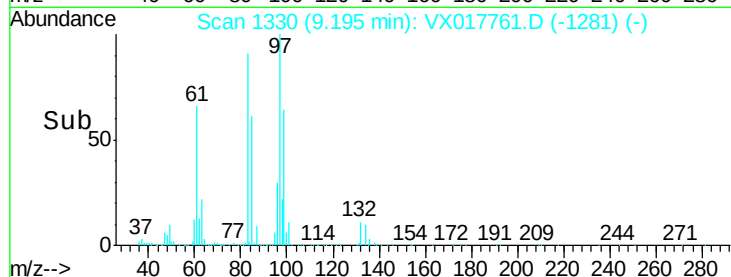
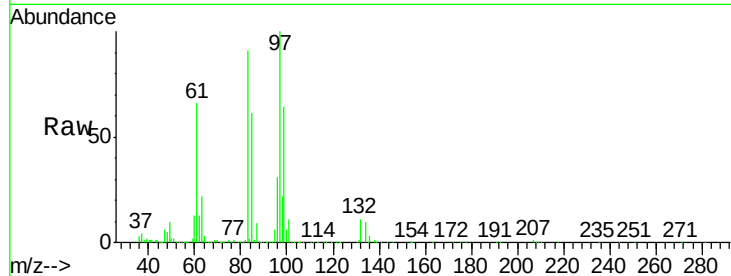
#55
 1,1,2-Trichloroethane
 Concen: 19.703 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	110221		
83	90.4	67.6	101.4	
85	60.7	44.6	67.0	
99	64.0	50.2	75.4	

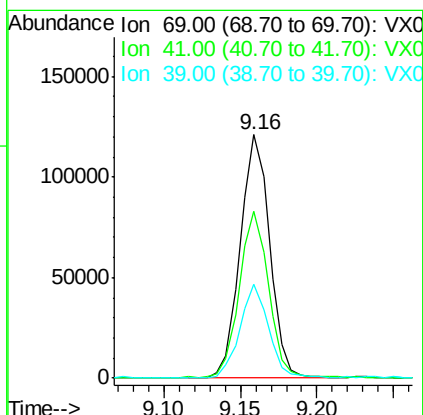
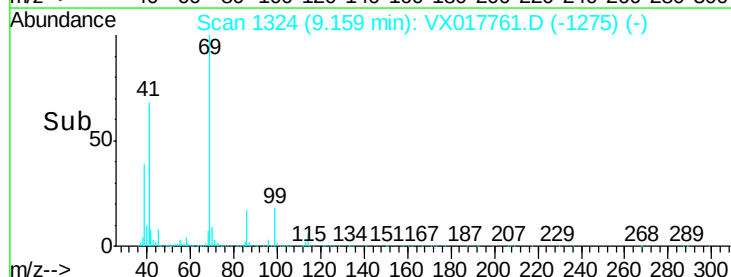
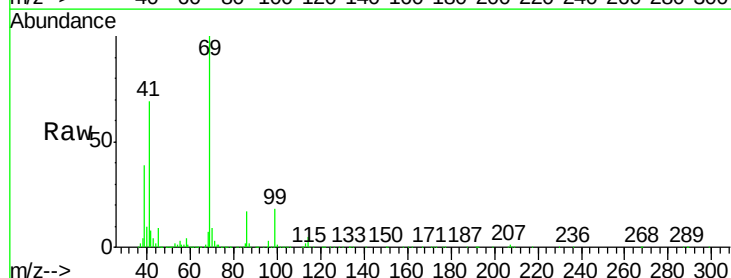
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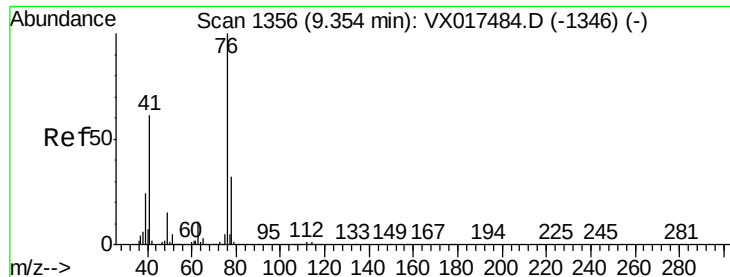
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 8/5/2020 2:51:16 PM



#56
 Ethyl methacrylate
 Concen: 19.222 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	162006		
41	68.3	55.0	82.6	
39	37.0	30.0	45.0	





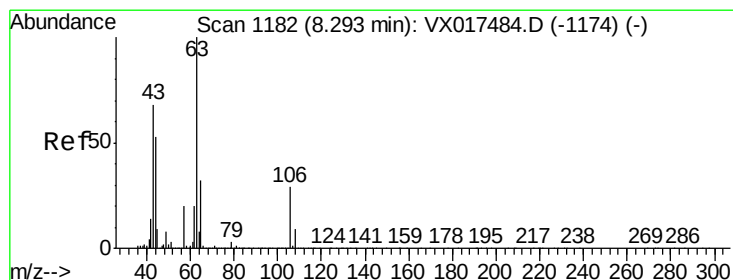
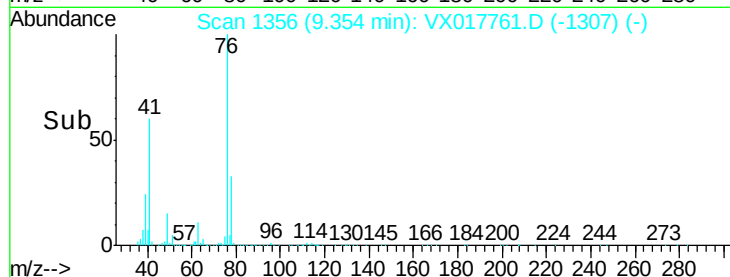
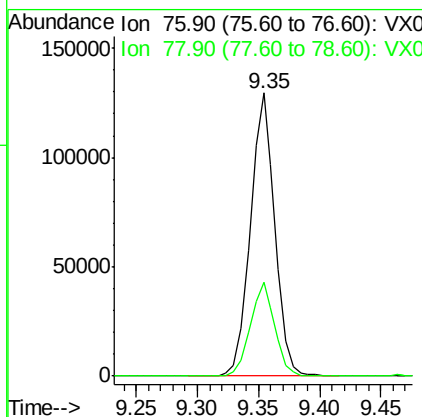
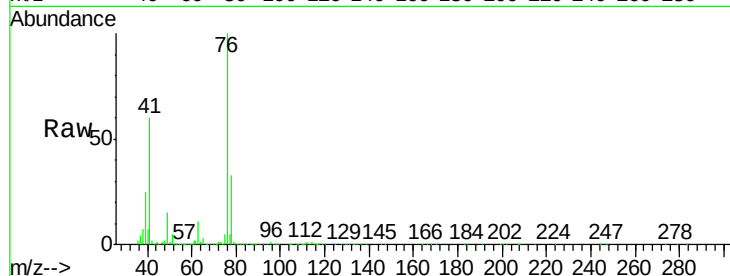
#57
 1,3-Dichloropropane
 Concen: 19.474 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Instrument :
 MSVOA_X
 ClientSampled :
 VX0804WBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.8	38.8

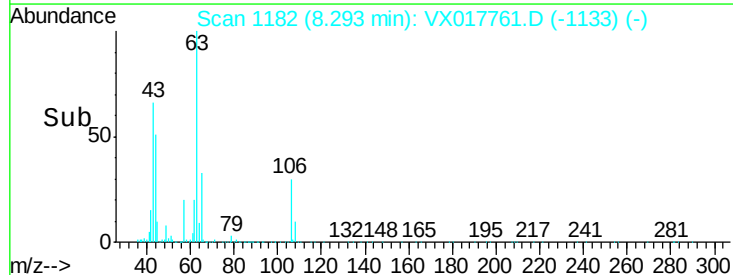
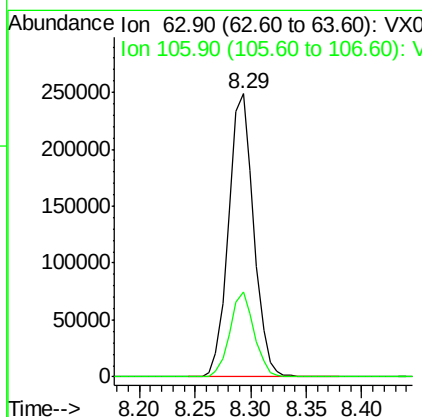
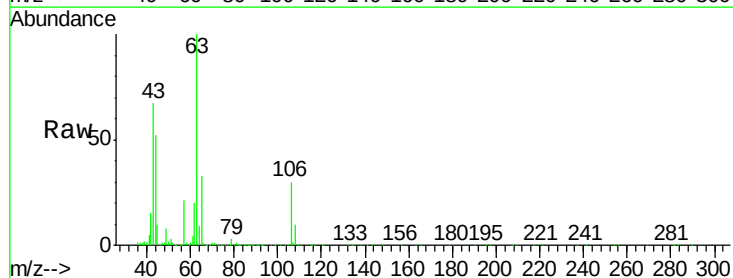
Manual Integrations
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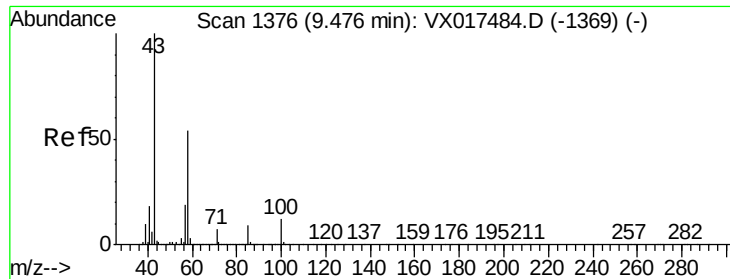
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 87.287 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.2	22.6	34.0





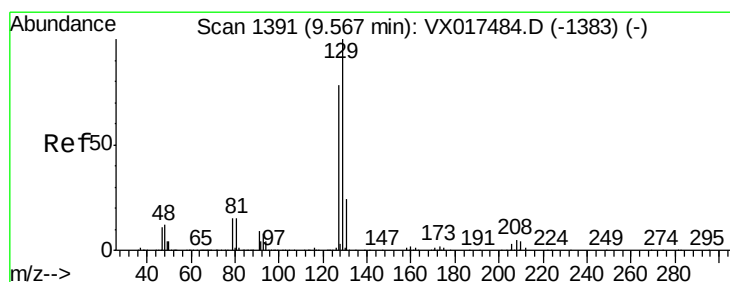
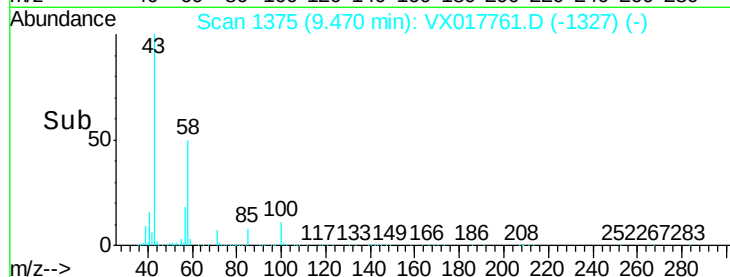
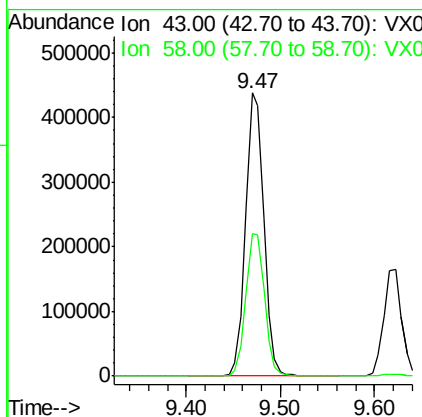
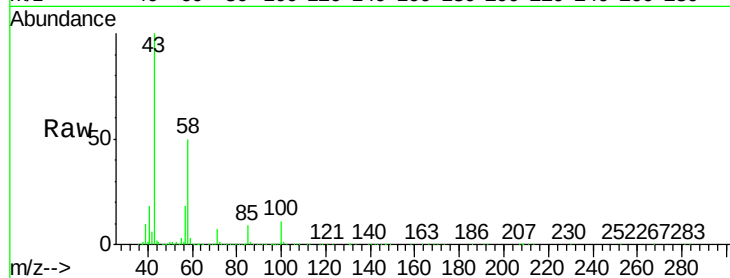
#59
2-Hexanone
Concen: 99.974 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion: 43 Resp: 592167
Ion Ratio Lower Upper
43 100
58 51.8 26.6 79.8

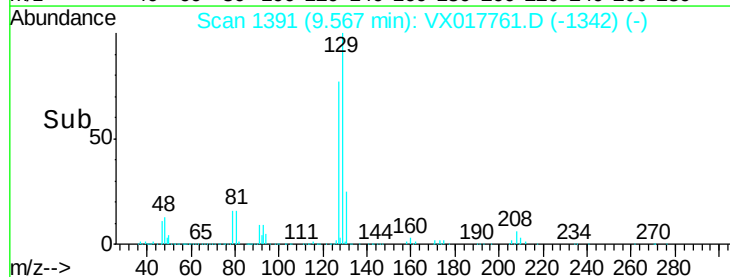
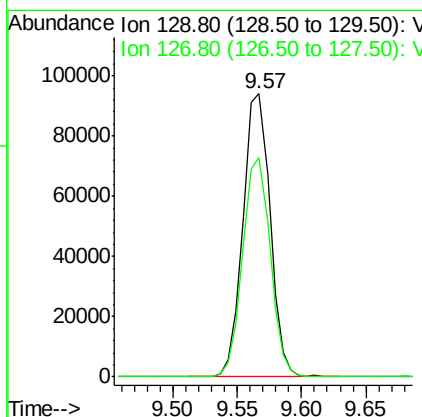
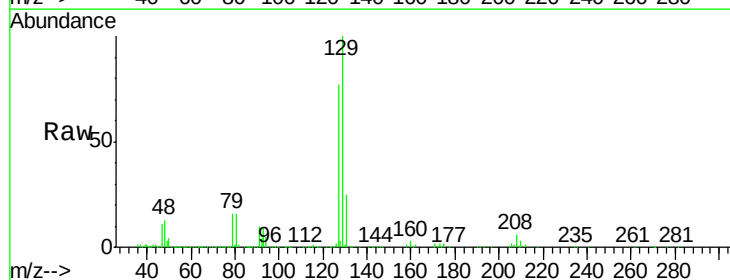
Manual Integrations
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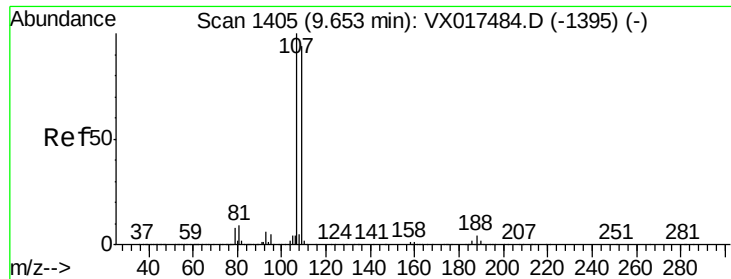
MMDadoda
8/5/2020 2:51:16 PM



#60
Dibromochloromethane
Concen: 19.279 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion: 129 Resp: 137084
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.1





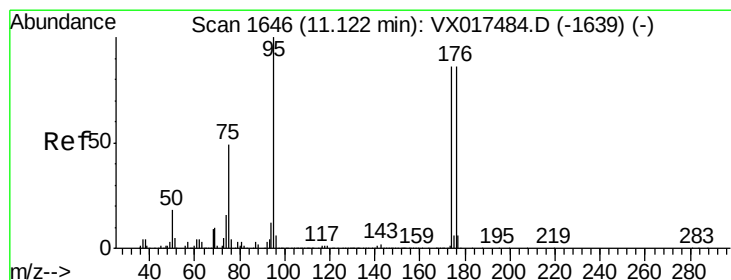
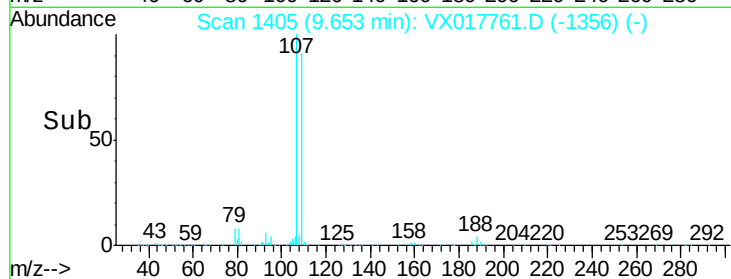
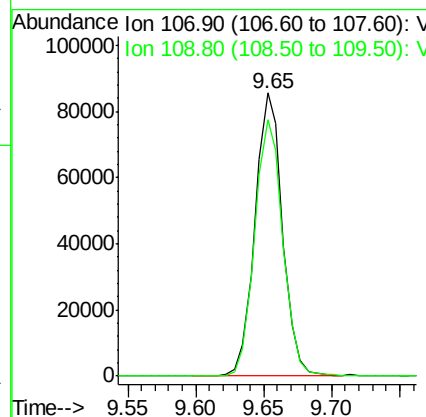
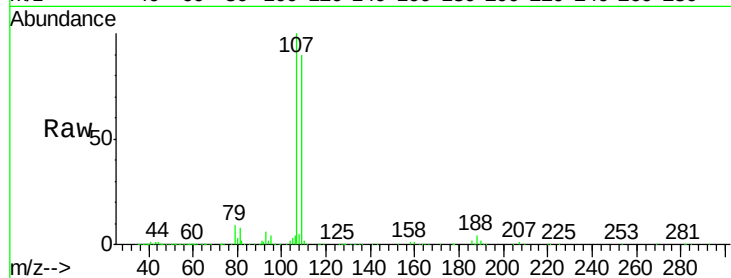
#61
 1,2-Dibromoethane
 Concen: 20.405 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	121530		
109	93.0	74.9	112.3	

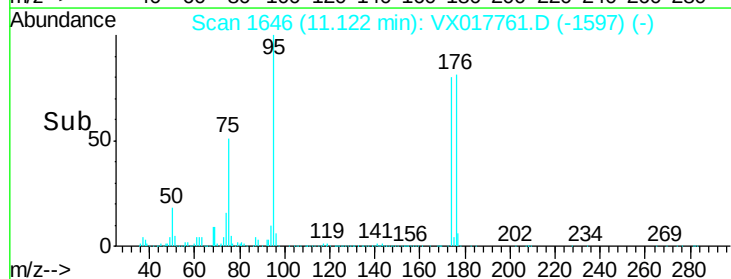
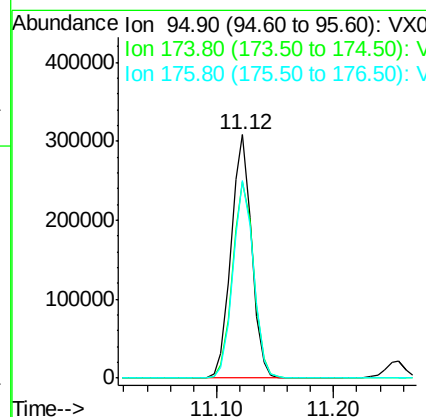
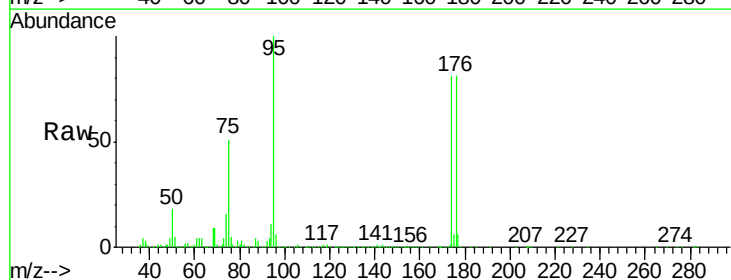
Manual Integrations
 APPROVED

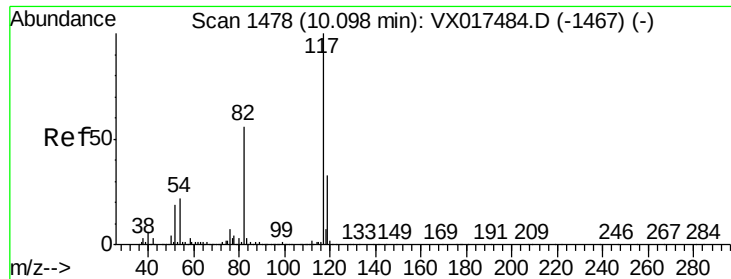
MMDadoda
 8/5/2020 2:51:16 PM



#62
 4-Bromofluorobenzene
 Concen: 51.111 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	375828		
174	83.3	0.0	169.0	
176	81.4	0.0	161.0	





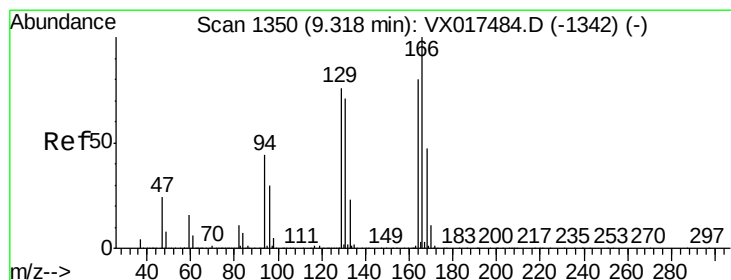
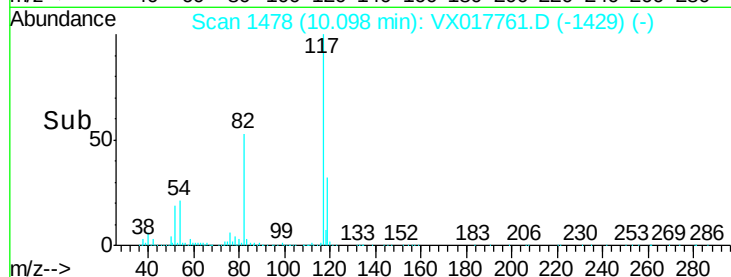
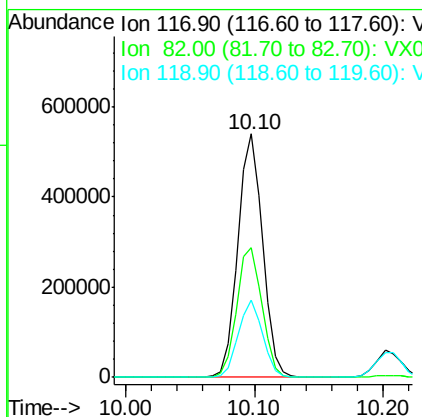
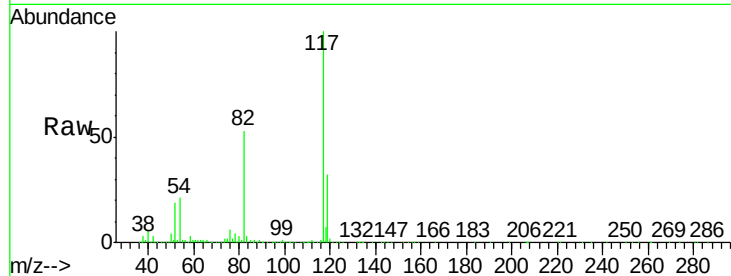
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	717960		
82	53.1	44.0	66.0	
119	31.7	25.4	38.0	

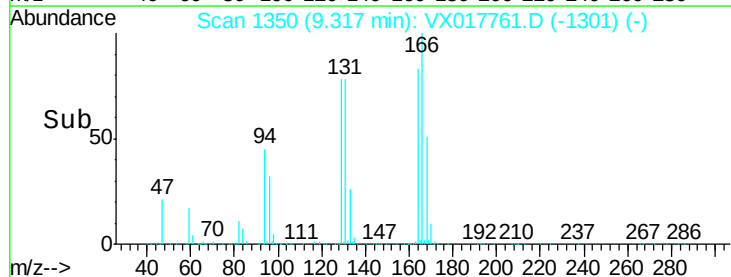
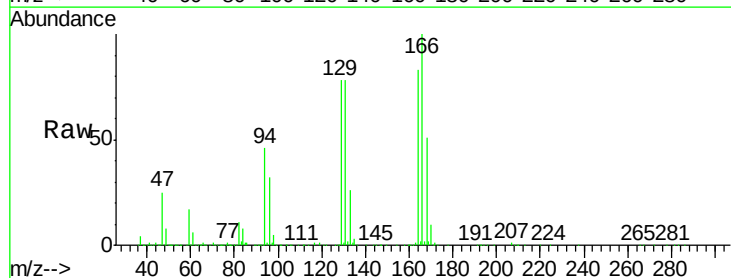
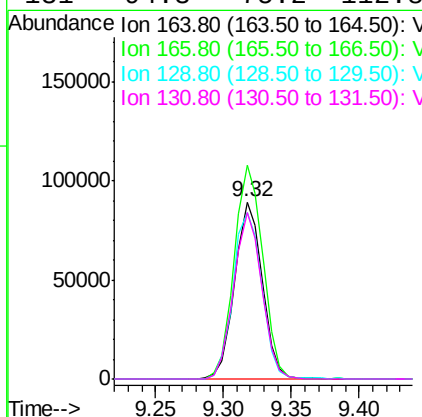
Manual Integrations
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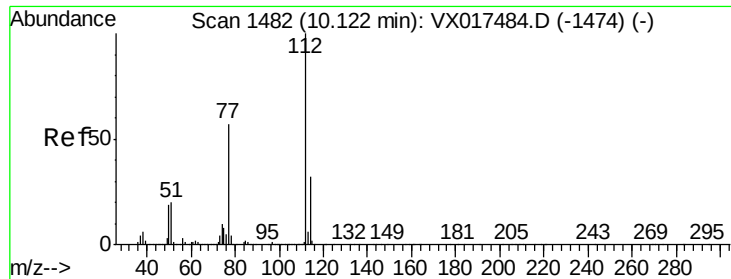
MMDadoda
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#64
Tetrachloroethene
Concen: 19.586 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	126208		
166	120.6	100.6	150.8	
129	94.0	75.0	112.6	
131	94.3	75.2	112.8	





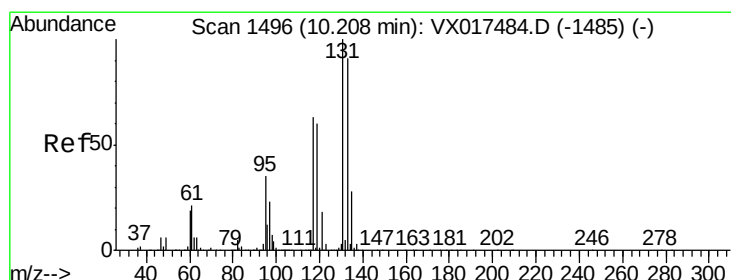
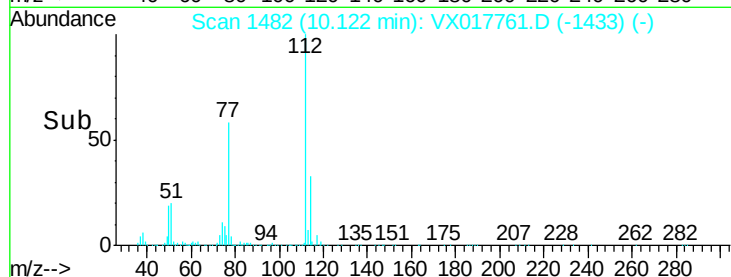
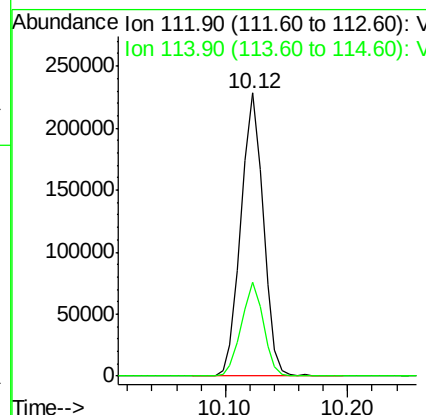
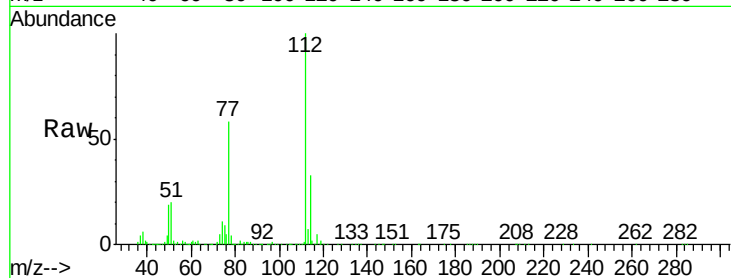
#65
Chlorobenzene
Concen: 18.598 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.7	38.5

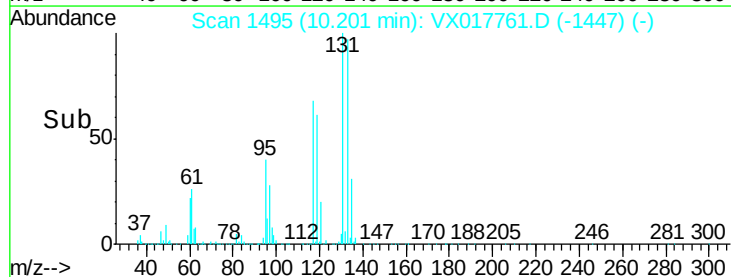
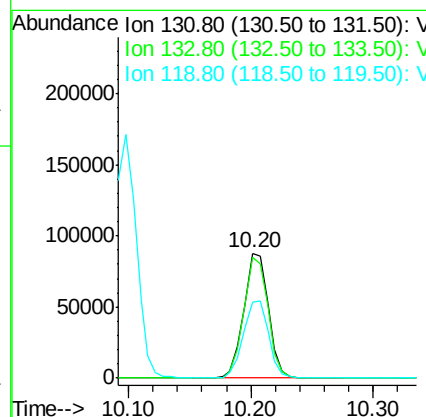
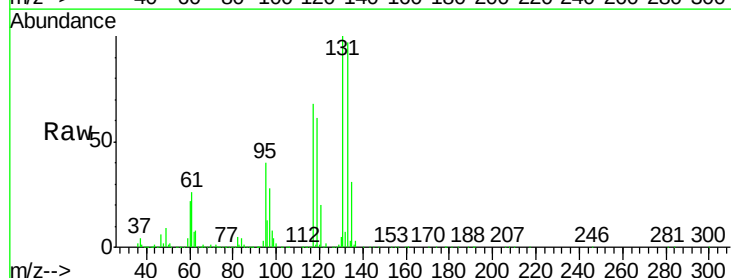
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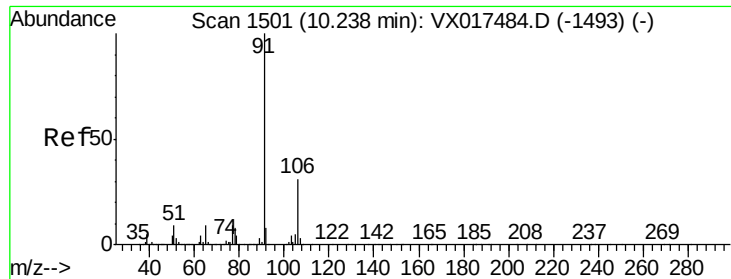
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.345 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.9	143.6
119	64.2	31.1	93.3





#67

Ethyl Benzene

Concen: 18.906 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBS01

Tgt Ion: 91 Resp: 490444

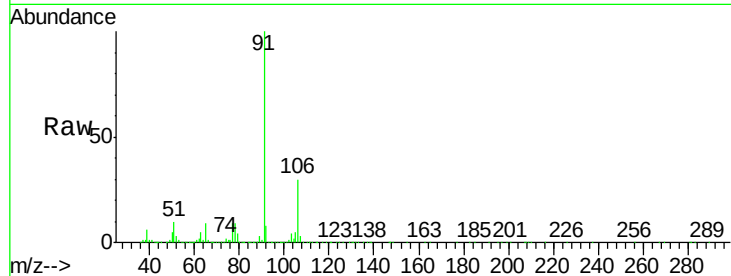
Ion Ratio Lower Upper

91 100

106 30.3 25.8 38.6

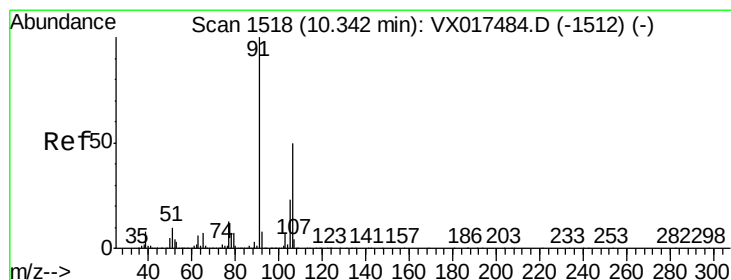
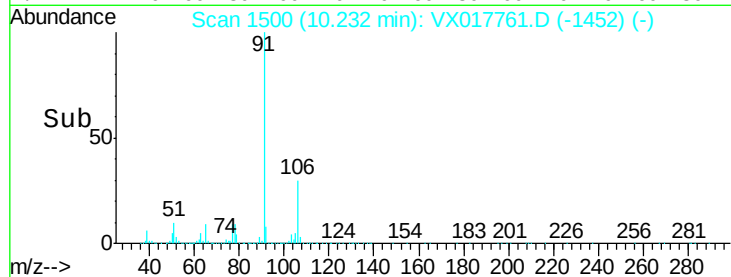
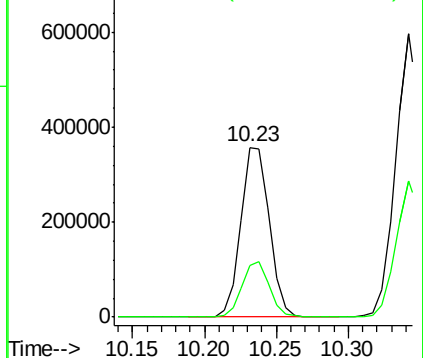
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.463 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017761.D

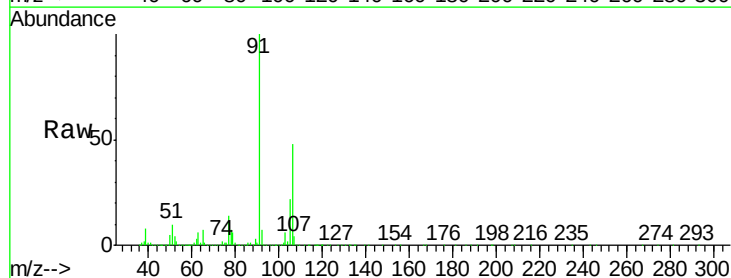
Acq: 04 Aug 2020 11:29

Tgt Ion: 106 Resp: 376489

Ion Ratio Lower Upper

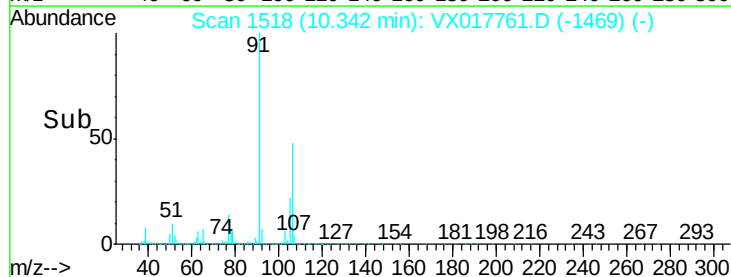
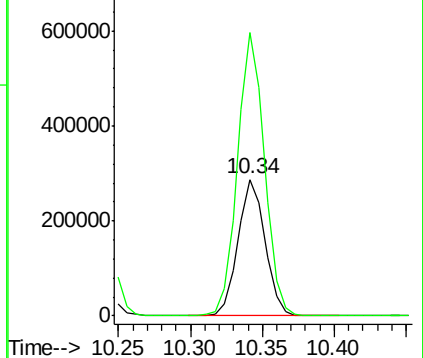
106 100

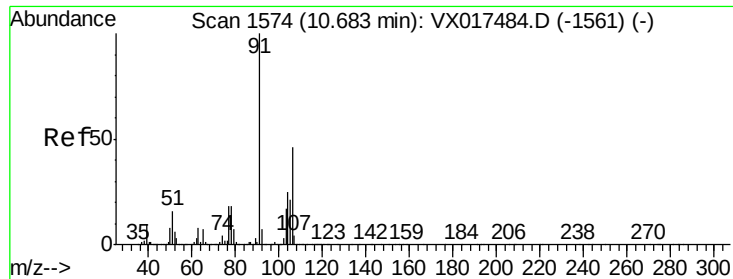
91 205.8 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





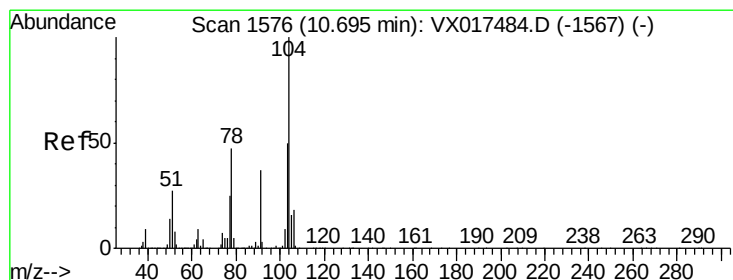
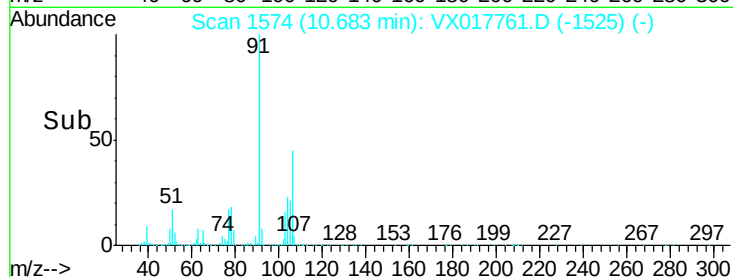
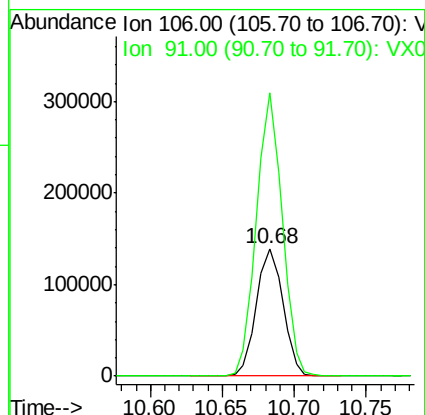
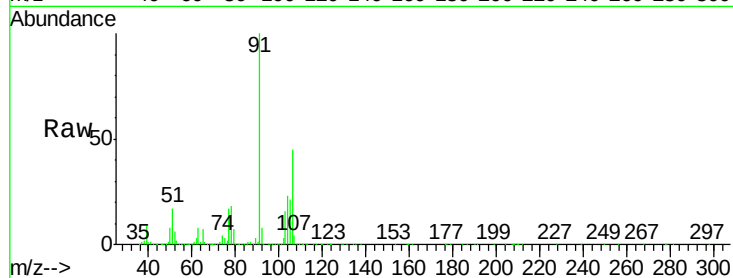
#69
o-Xylene
Concen: 18.348 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	177345		
91	215.4	108.2	324.6	

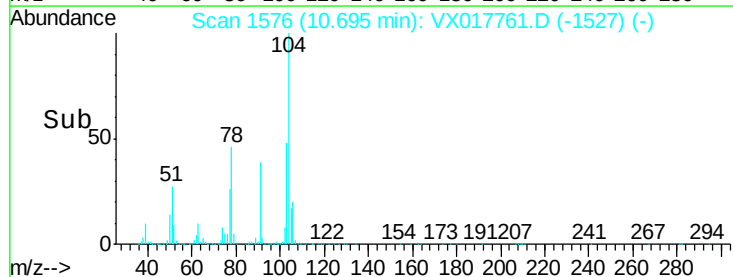
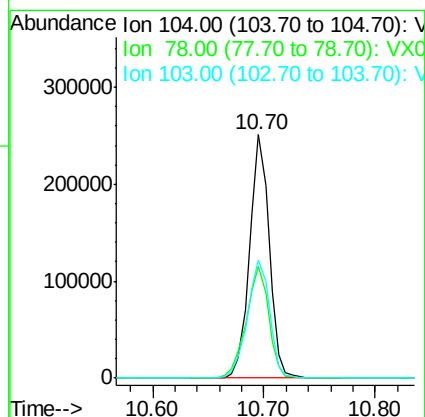
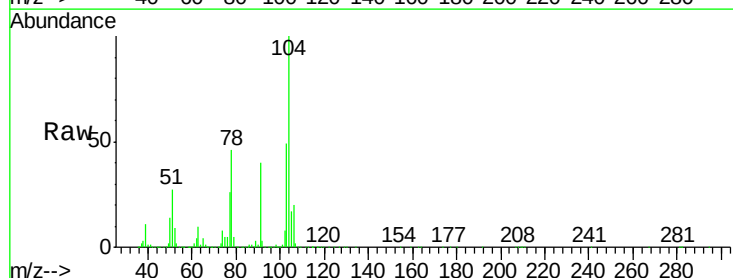
Manual Integrations
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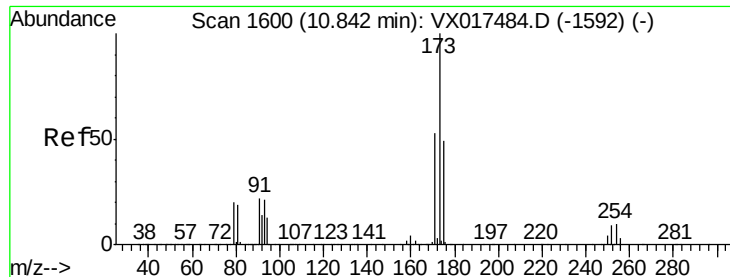
MMDadoda
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#70
Styrene
Concen: 18.731 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	308035		
78	52.8	42.5	63.7	
103	54.8	44.3	66.5	





#71

Bromoform

Concen: 19.260 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

VX0804WBS01

Tgt Ion:173 Resp: 104657
Ion Ratio Lower Upper

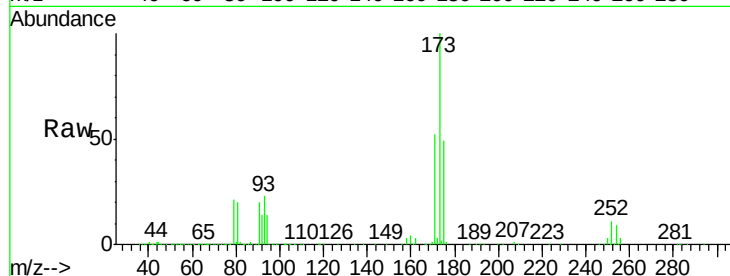
173 100

175 48.6 23.8 71.5

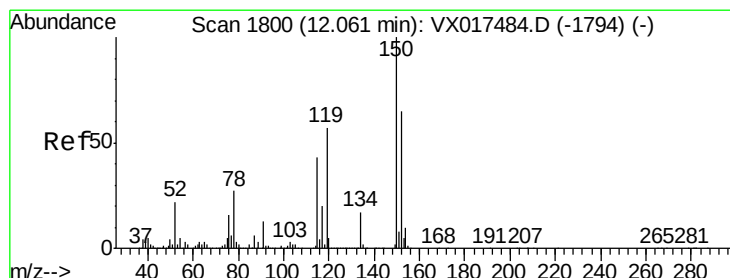
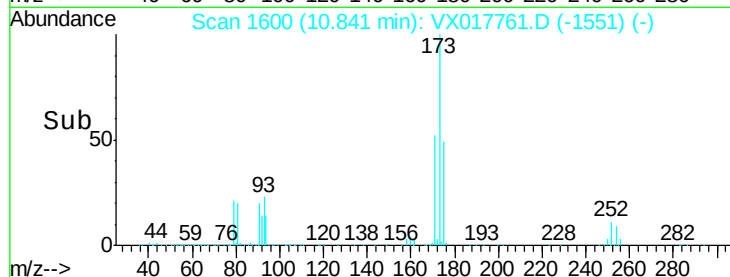
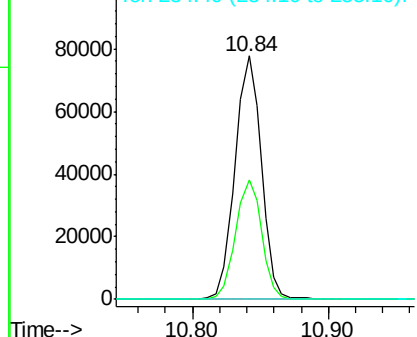
254 0.1 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017761.D

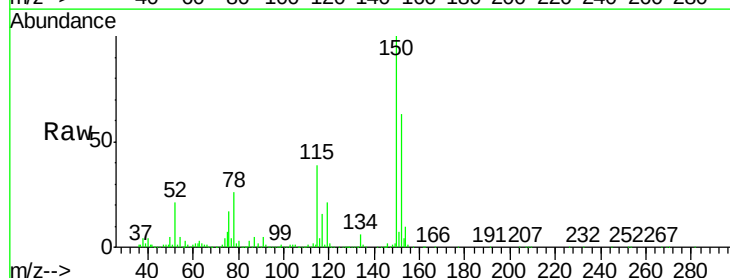
Acq: 04 Aug 2020 11:29

Tgt Ion:152 Resp: 382452
Ion Ratio Lower Upper

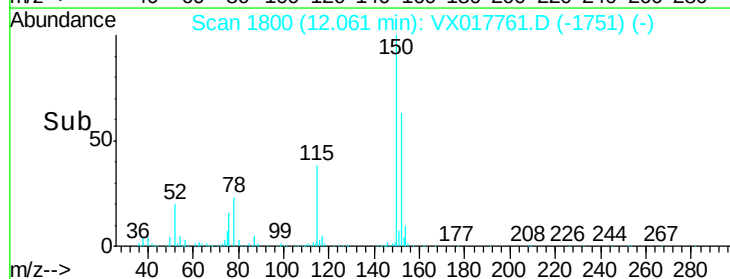
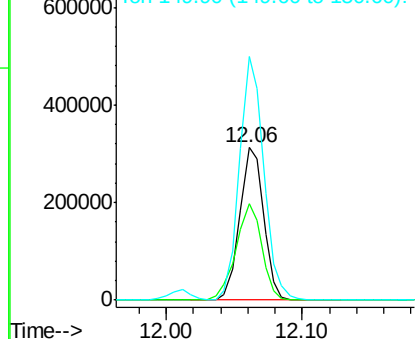
152 100

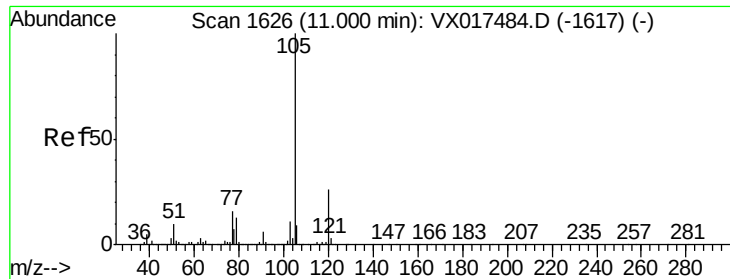
115 68.2 65.5 196.6

150 162.6 0.0 412.6



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





#73

Isopropylbenzene

Concen: 19.046 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBS01

Tgt Ion: 105 Resp: 499697

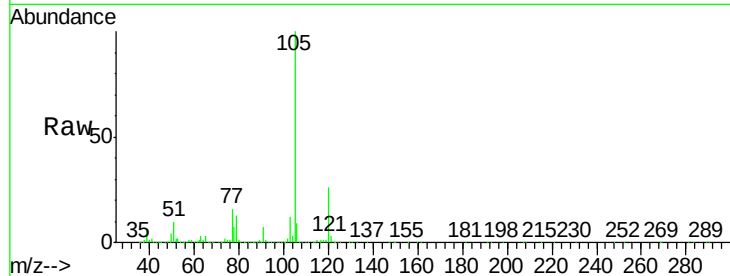
Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.8

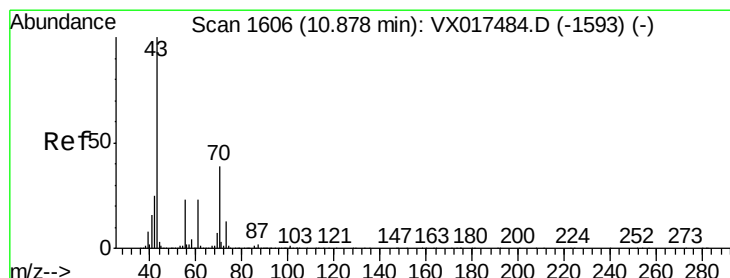
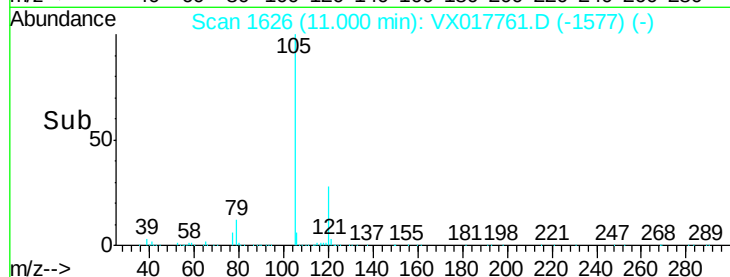
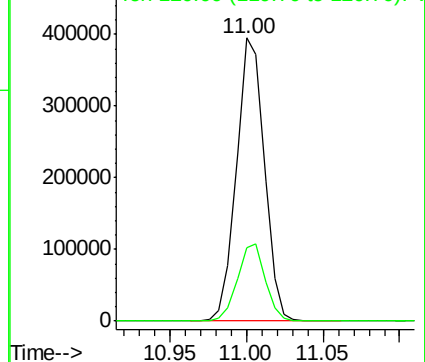
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.303 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion: 43 Resp: 213359

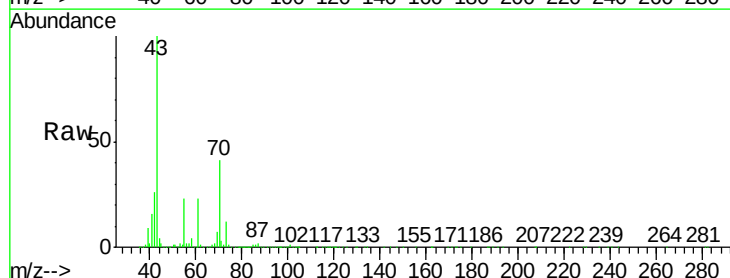
Ion Ratio Lower Upper

43 100

70 40.7 32.3 48.5

55 24.5 18.4 27.6

61 23.8 18.6 28.0

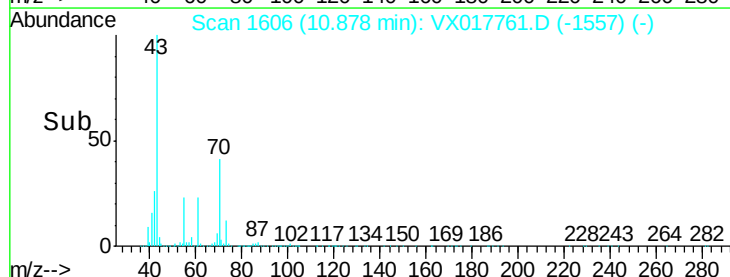
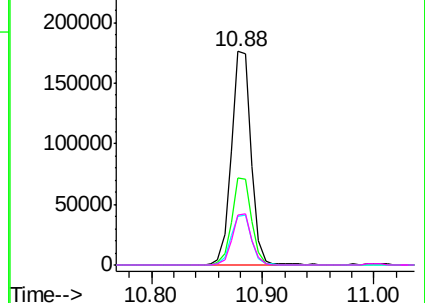


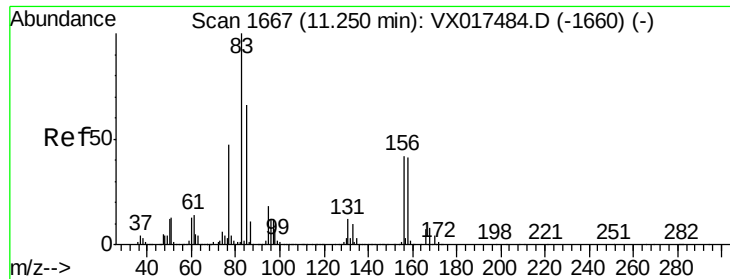
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.824 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

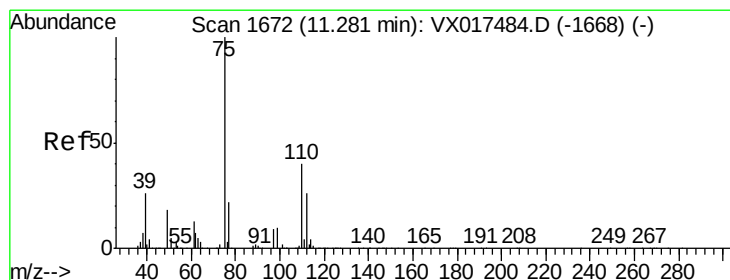
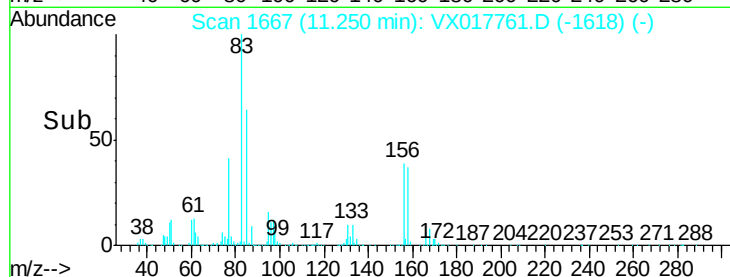
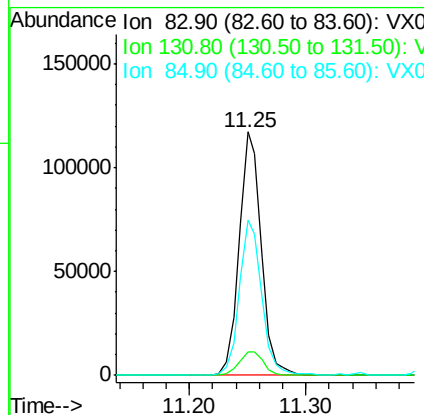
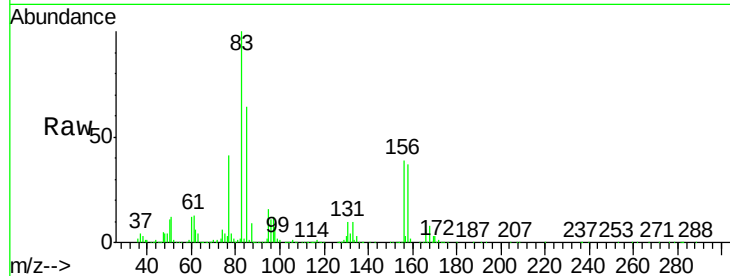
ClientSampleId :

VX0804WBS01

Tgt Ion:	83	Resp:	154161
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.5
85	65.0	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.566 ug/l m

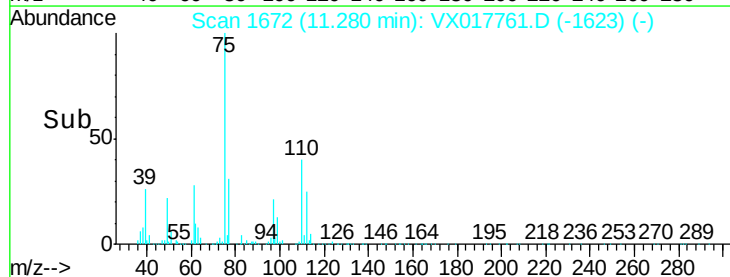
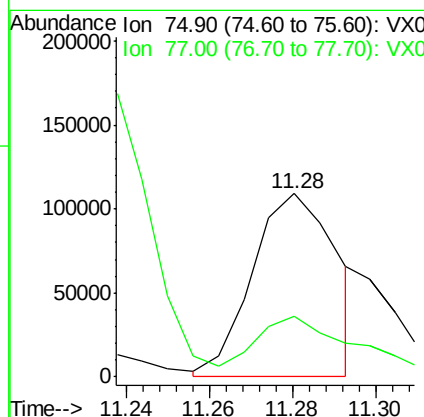
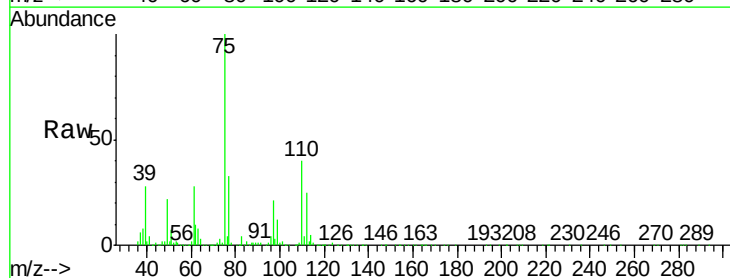
RT: 11.28 min Scan# 1672

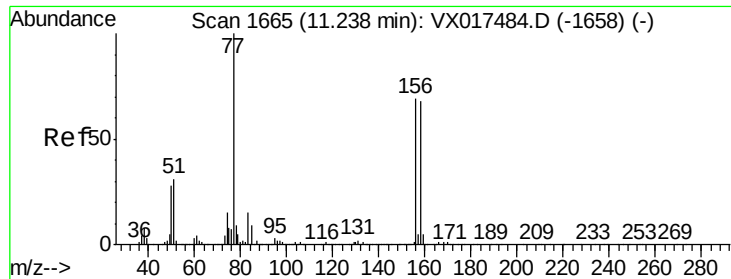
Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion:	75	Resp:	153929
Ion Ratio	Lower	Upper	
75	100		
77	39.2	21.8	65.3





#77

Bromobenzene

Concen: 18.532 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

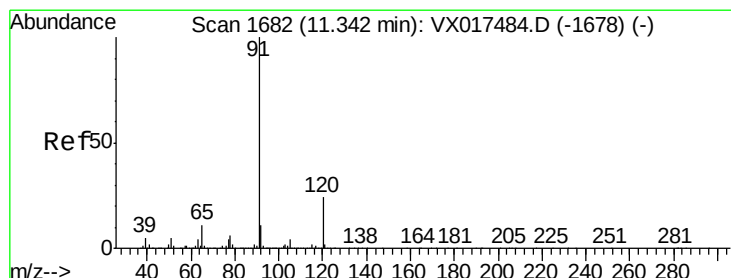
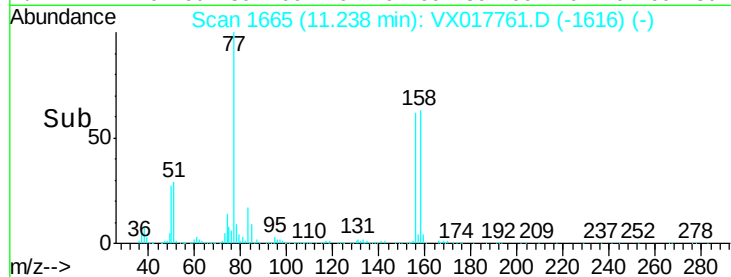
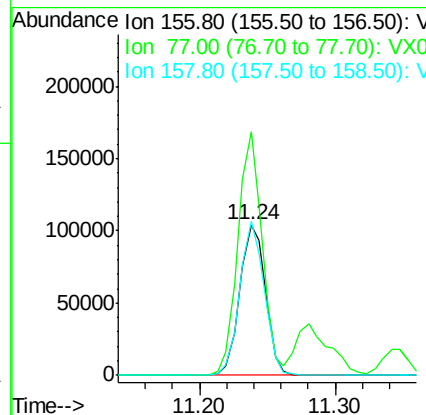
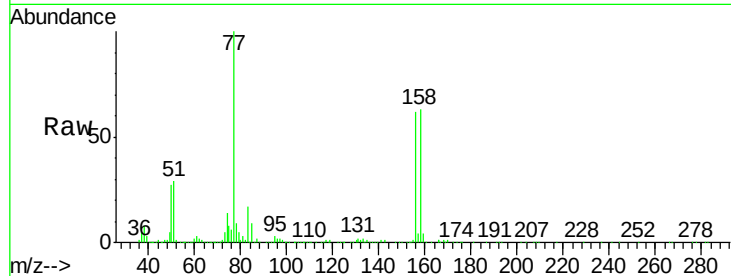
ClientSampleId :

VX0804WBS01

Tgt Ion:	156	Resp:	136116
Ion Ratio	Lower	Upper	
156	100		
77	153.4	75.0	225.0
158	98.1	49.1	147.3

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#78

n-propylbenzene

Concen: 19.438 ug/l

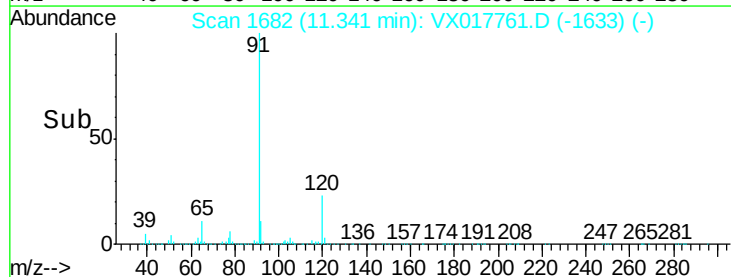
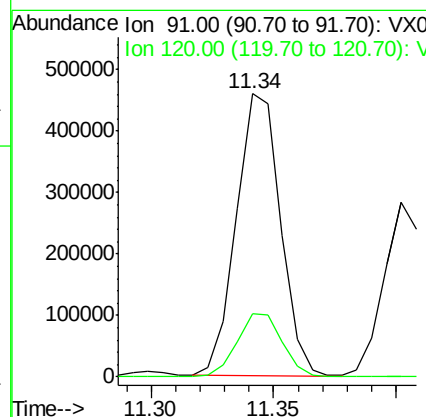
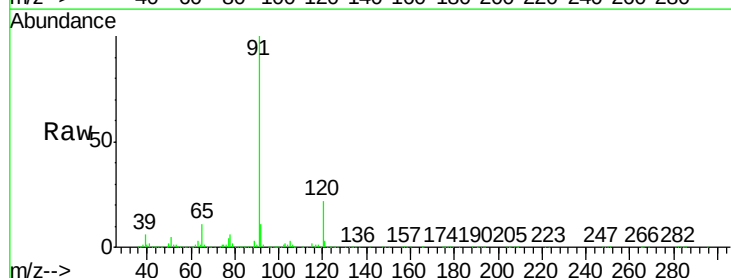
RT: 11.34 min Scan# 1682

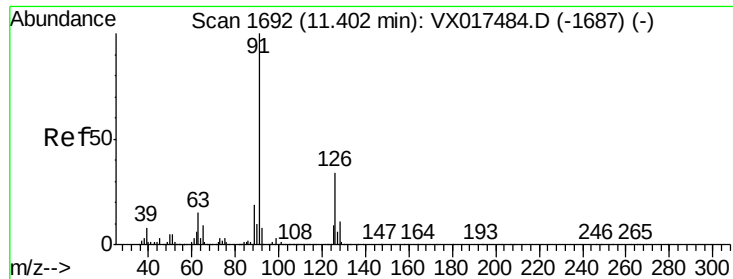
Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Tgt Ion:	91	Resp:	575185
Ion Ratio	Lower	Upper	
91	100		
120	23.0	12.2	36.4





#79

2-Chlorotoluene

Concen: 18.901 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017761.D

Acq: 04 Aug 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

VX0804WBS01

Tgt Ion: 91 Resp: 346460

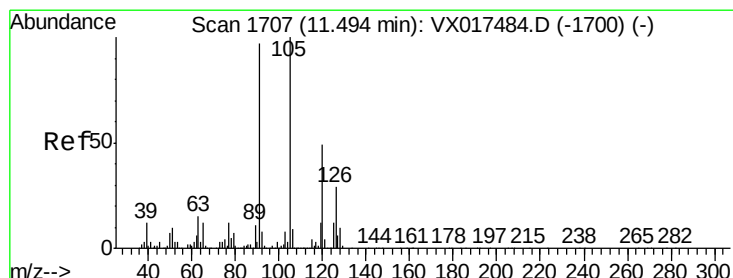
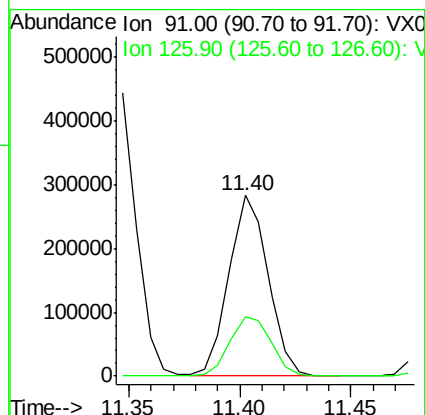
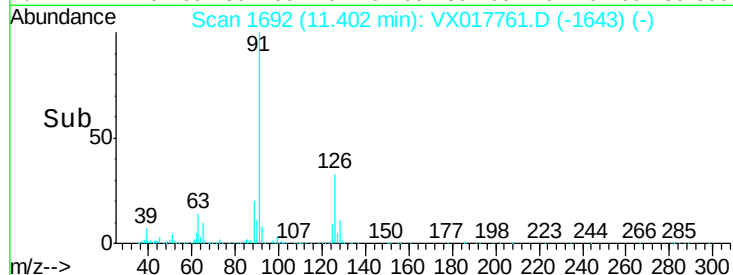
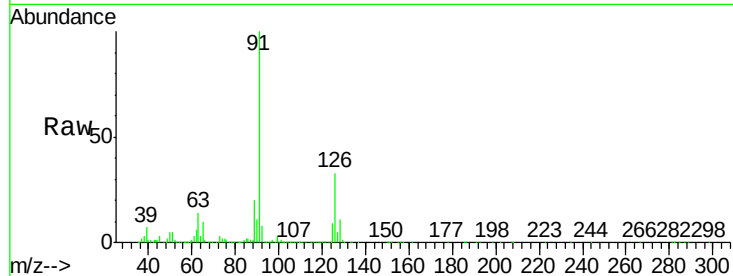
Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 18.818 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017761.D

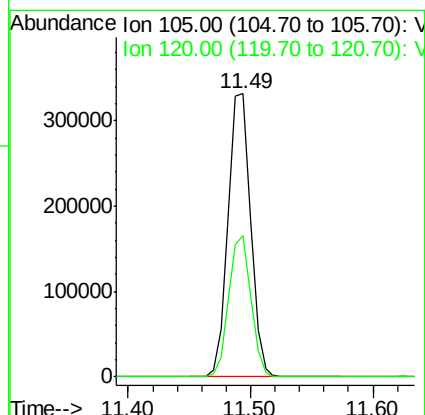
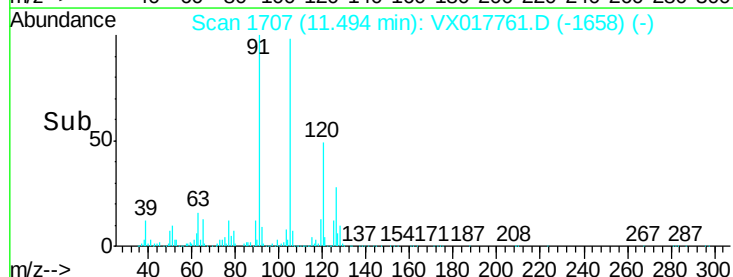
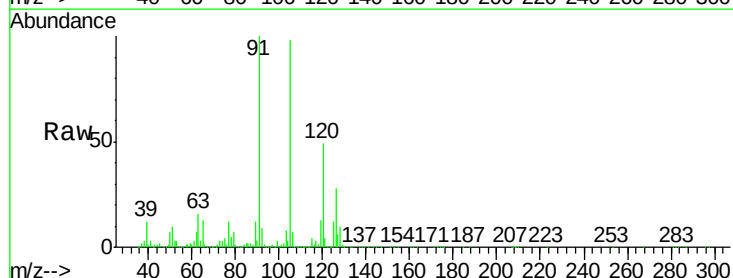
Acq: 04 Aug 2020 11:29

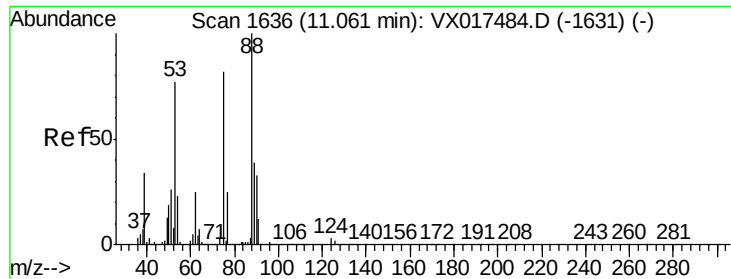
Tgt Ion: 105 Resp: 421546

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.3





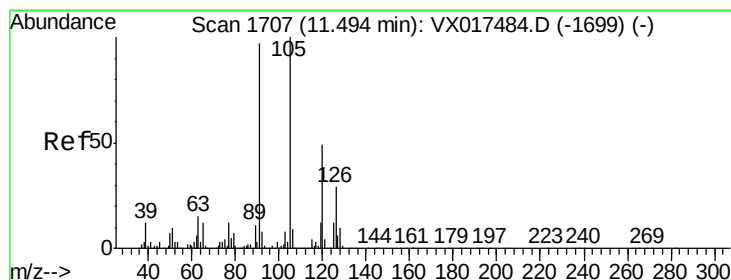
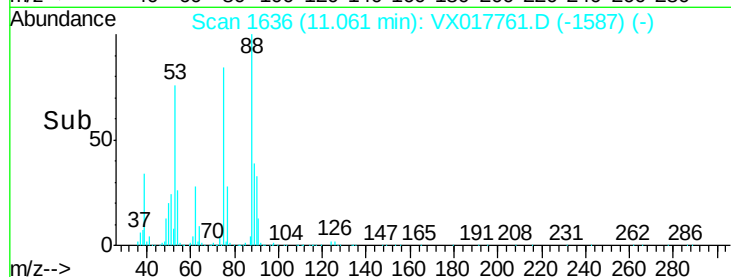
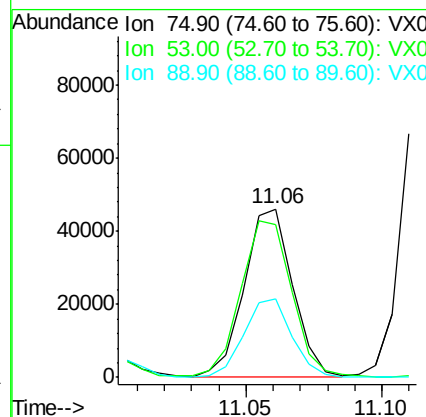
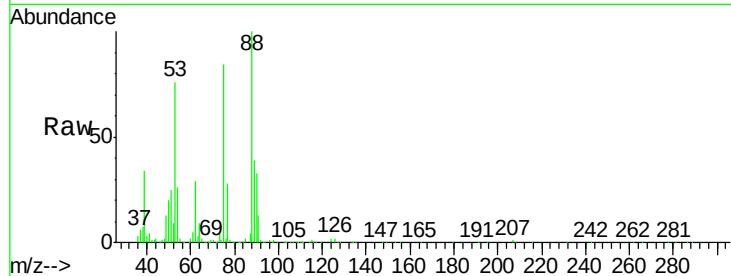
#81
trans-1,4-Dichloro-2-butene
Concen: 18.179 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.0	75.9	113.9
89	47.0	37.8	56.6

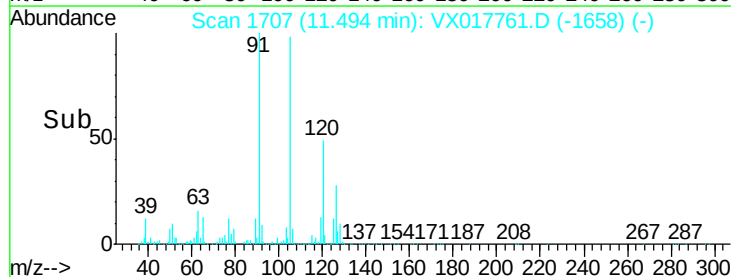
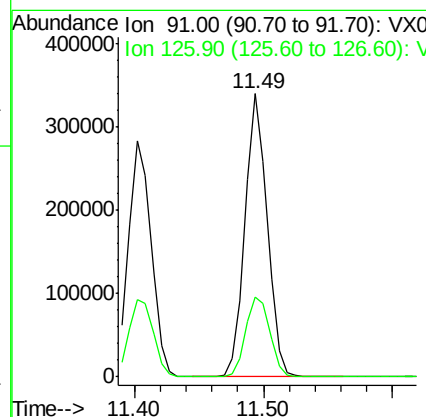
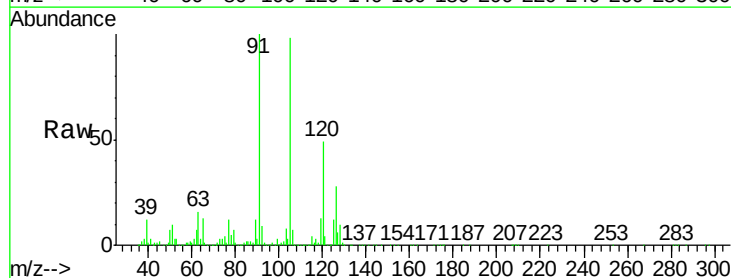
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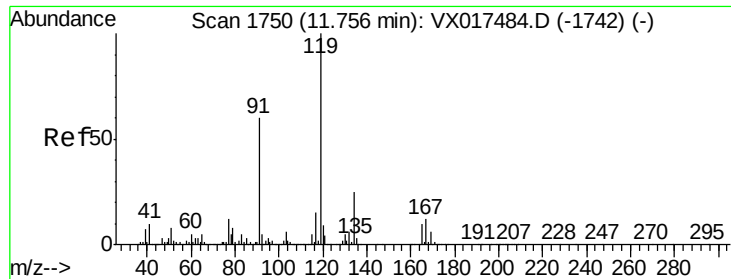
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#82
4-Chlorotoluene
Concen: 18.762 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.2	45.6





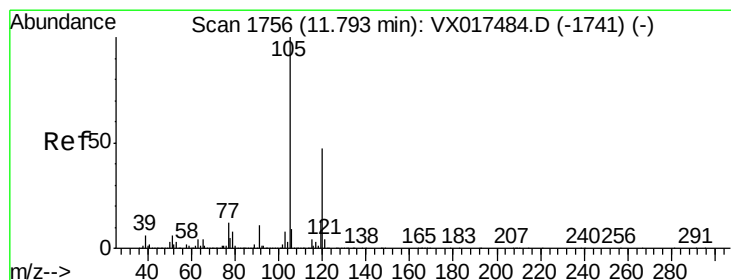
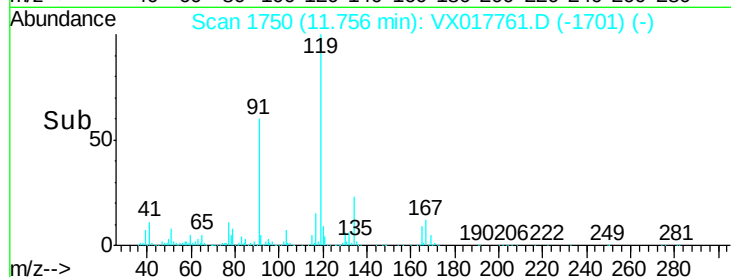
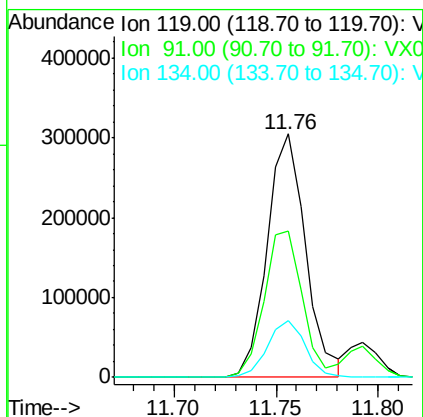
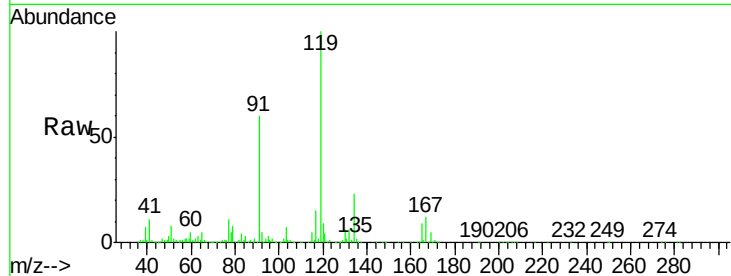
#83
 tert-Butylbenzene
 Concen: 18.709 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	401026		
91	59.1	29.3	88.0	
134	23.0	11.2	33.6	

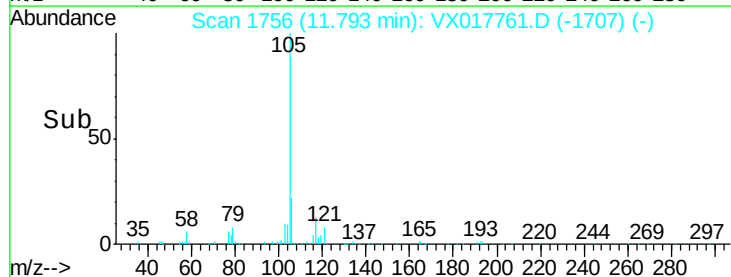
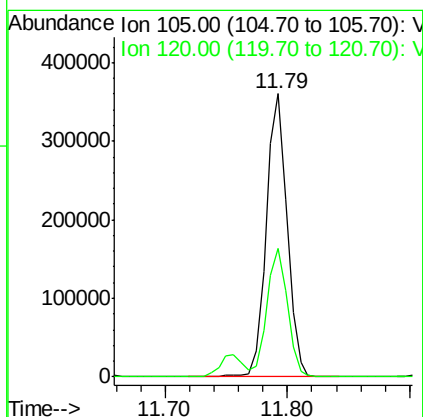
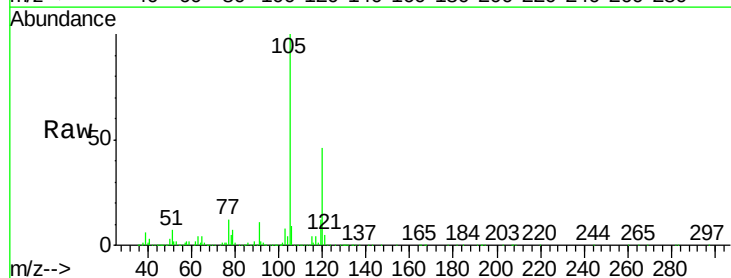
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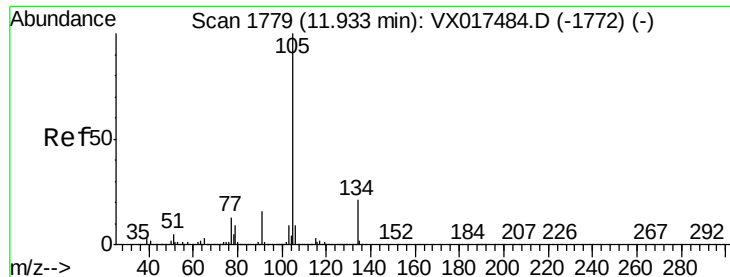
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.142 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	426500		
120	45.1	22.7	68.0	





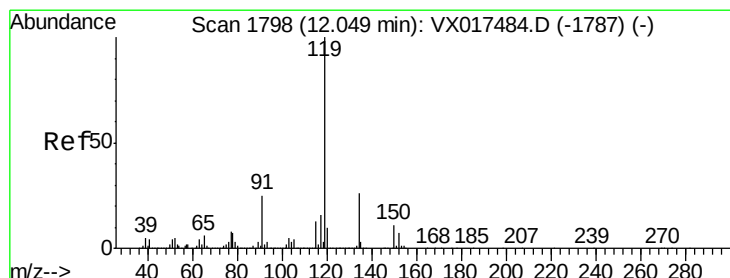
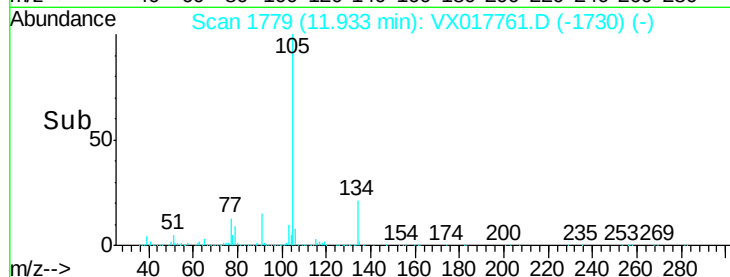
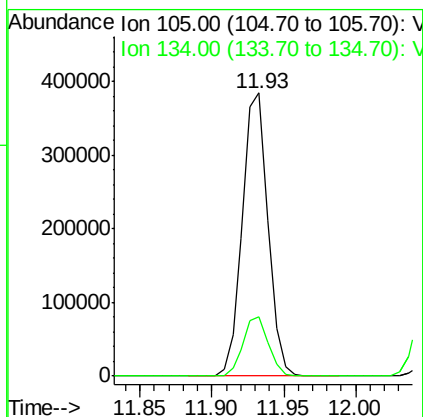
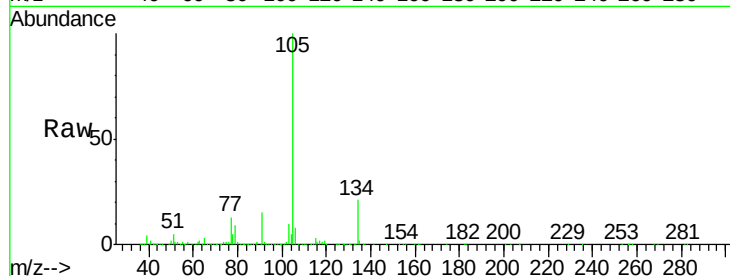
#85
 sec-Butylbenzene
 Concen: 18.971 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.2

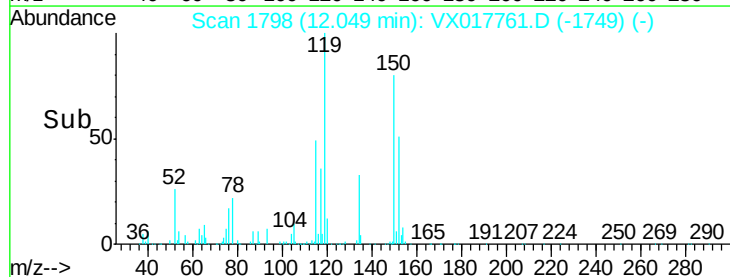
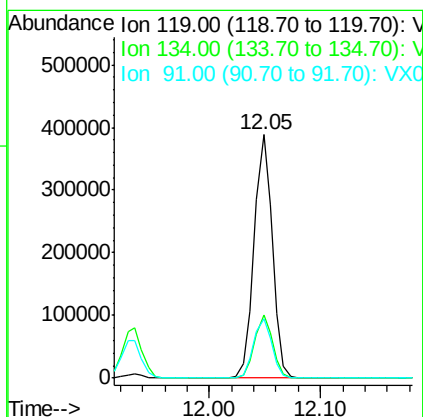
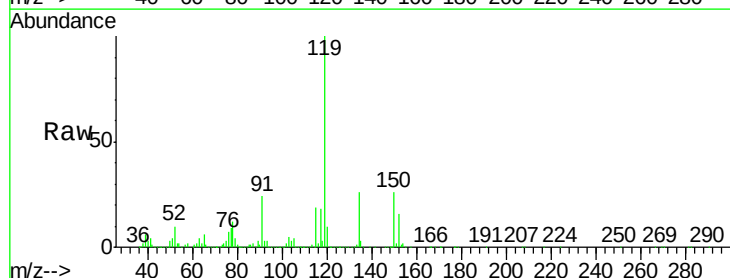
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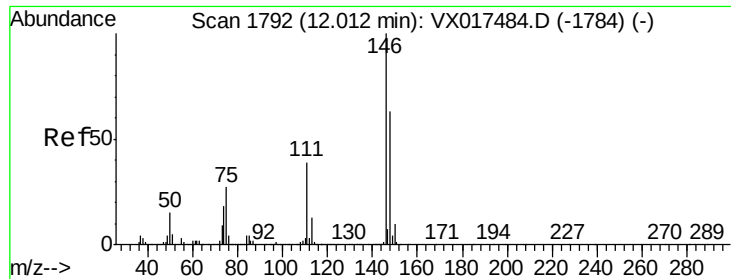
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#86
 p-Isopropyltoluene
 Concen: 18.675 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.3
91	24.6	12.1	36.3





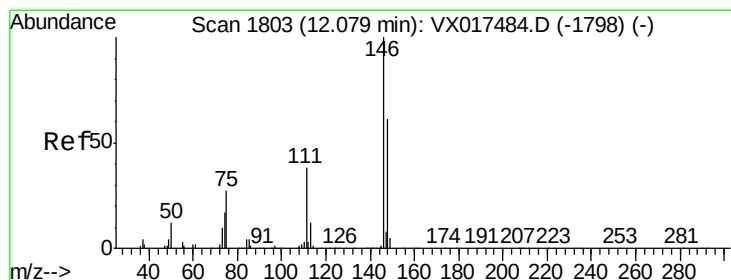
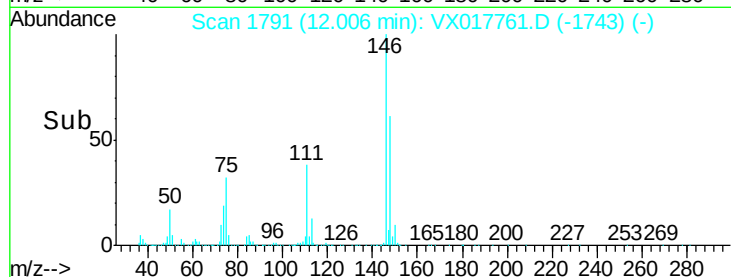
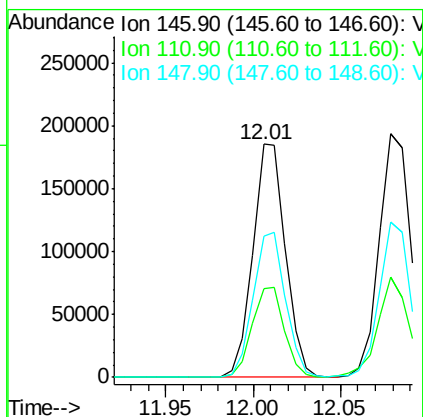
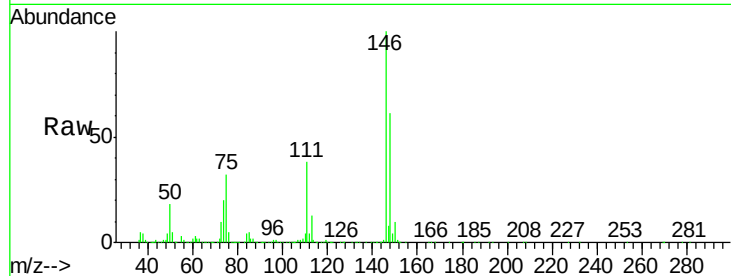
#87
 1,3-Dichlorobenzene
 Concen: 19.033 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.9	59.7
148	61.9	31.6	95.0

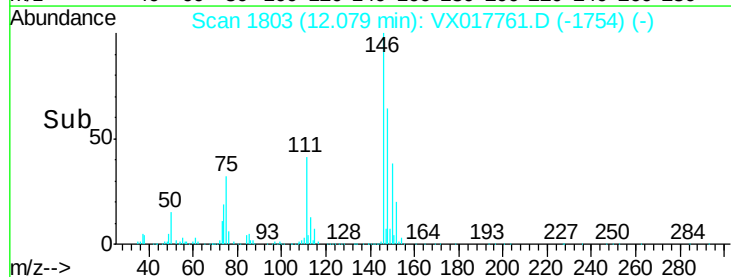
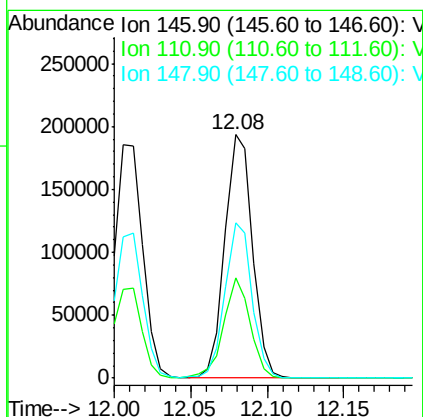
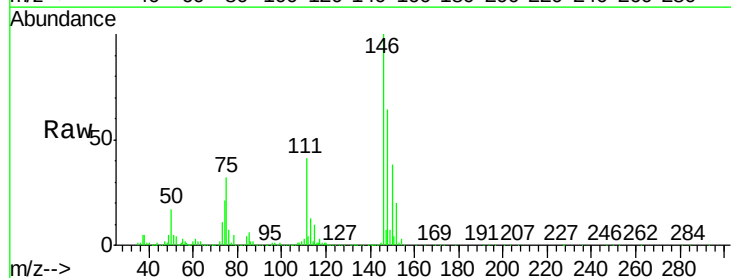
Manual Integrations
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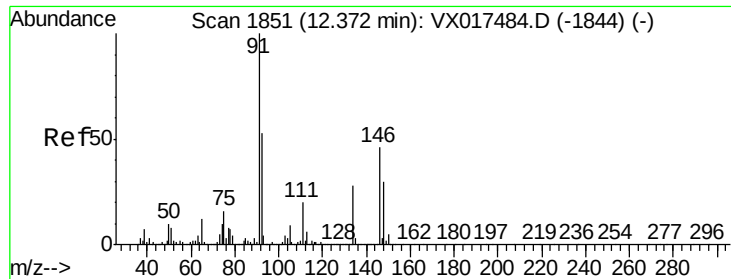
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#88
 1,4-Dichlorobenzene
 Concen: 18.482 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.3	57.8
148	63.1	32.2	96.6





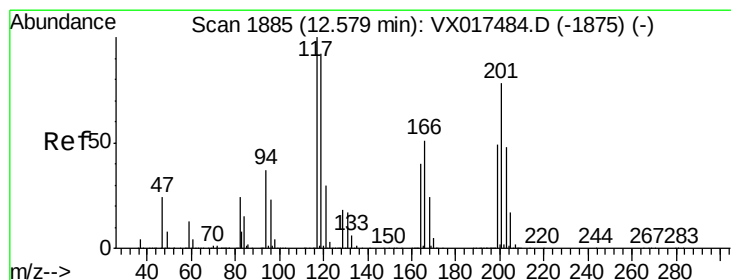
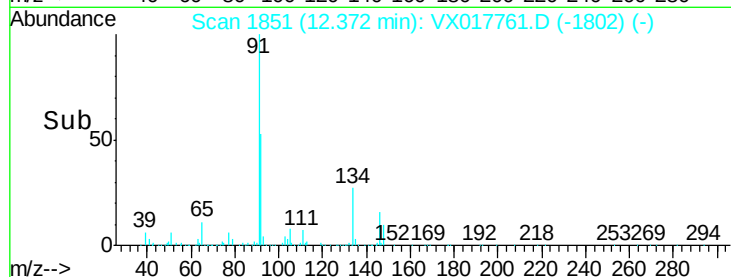
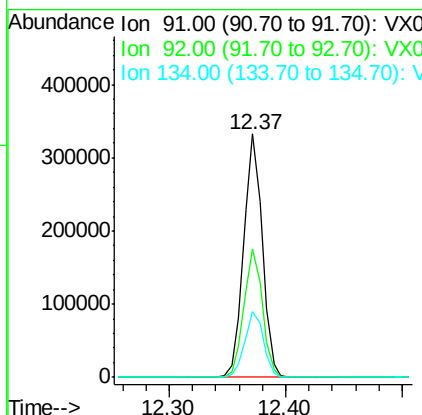
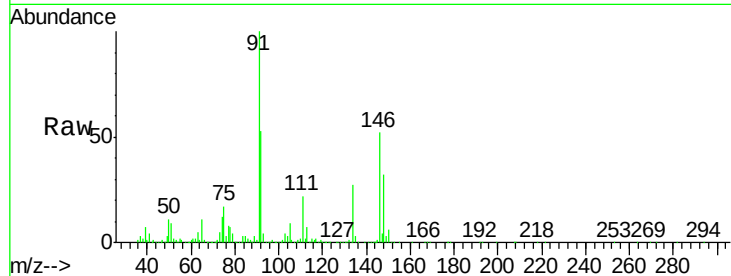
#89
n-Butylbenzene
Concen: 17.606 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.7	80.1
134	27.4	13.6	40.7

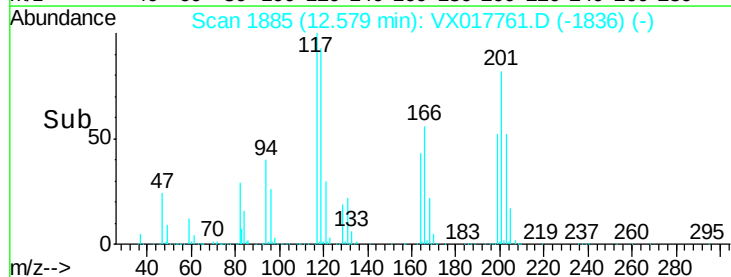
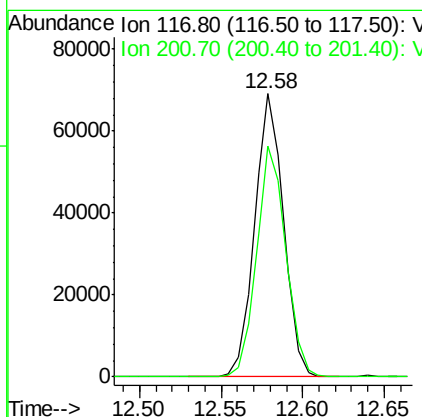
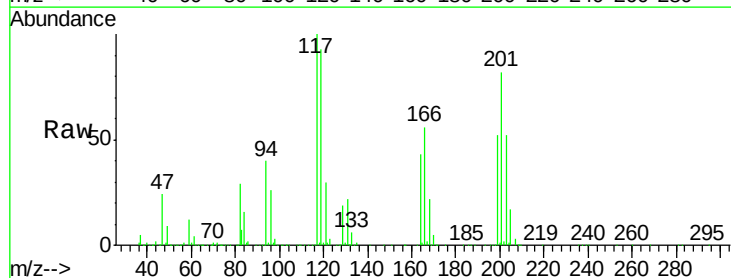
Manual Integrations
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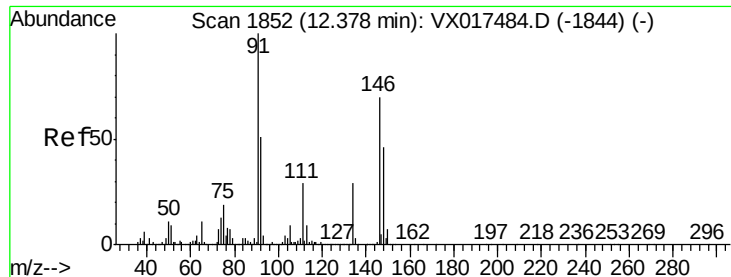
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#90
Hexachloroethane
Concen: 18.123 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.3	42.2	126.6





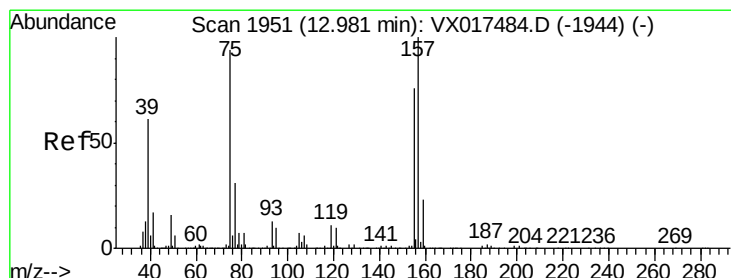
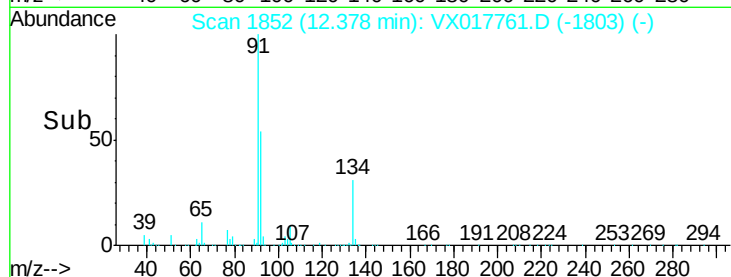
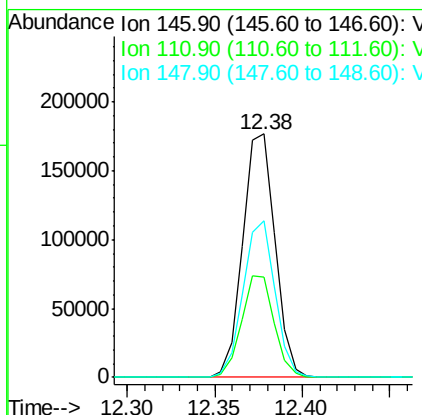
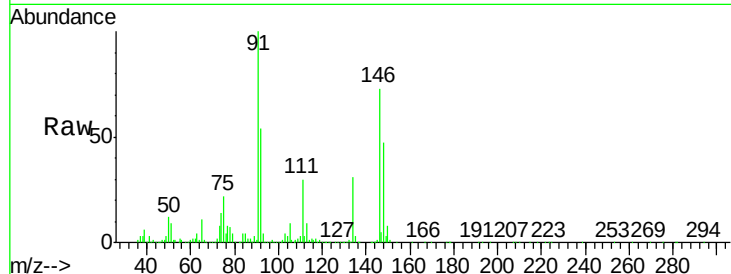
#91
 1,2-Dichlorobenzene
 Concen: 18.401 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	228117		
111	42.0	20.9	62.8	
148	63.2	32.8	98.4	

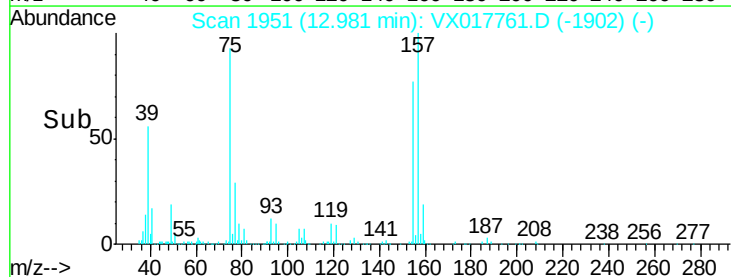
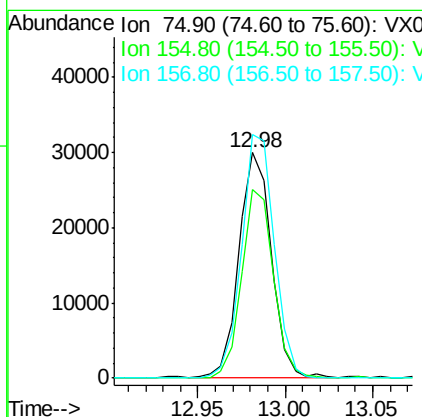
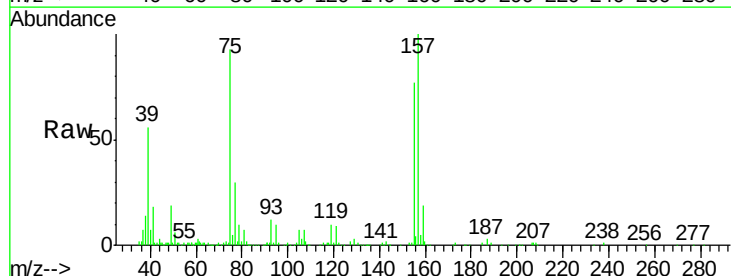
Manual Integrations
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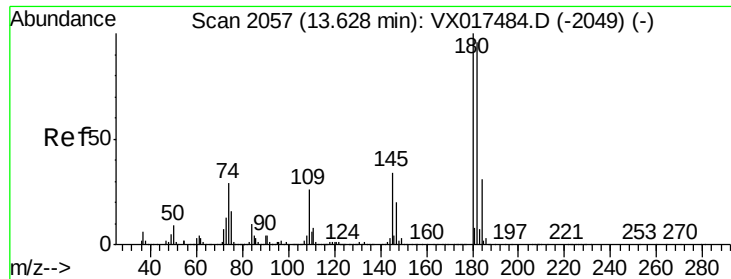
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.300 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38393		
155	82.6	42.3	126.8	
157	110.0	54.3	162.9	





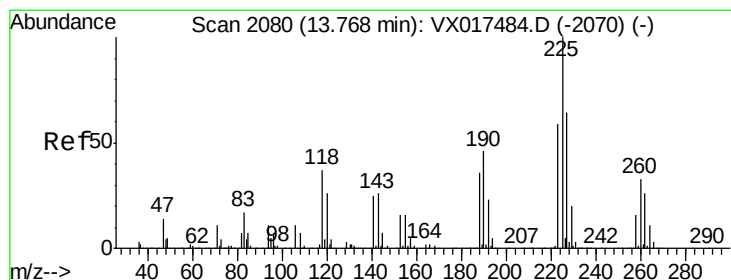
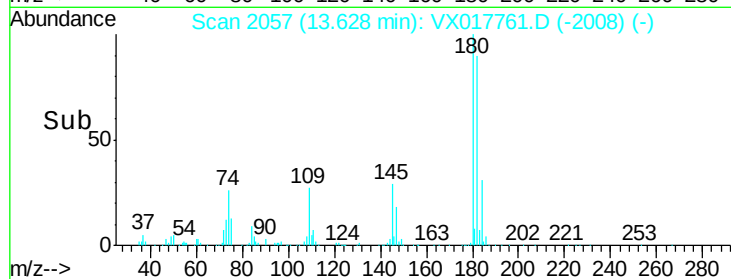
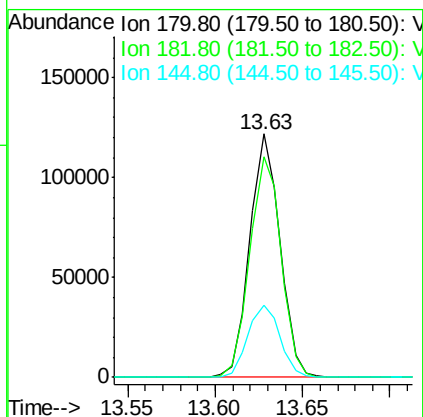
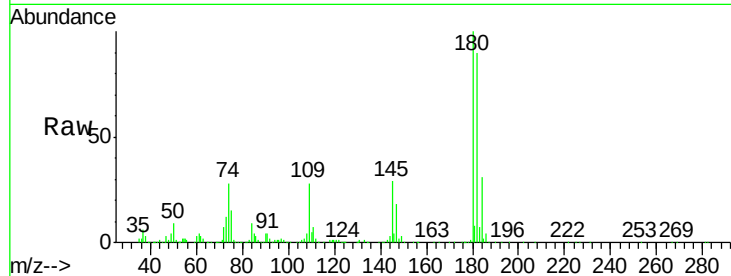
#93
 1,2,4-Trichlorobenzene
 Concen: 17.288 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	146267		
182	94.1	47.5	142.6	
145	31.5	15.4	46.4	

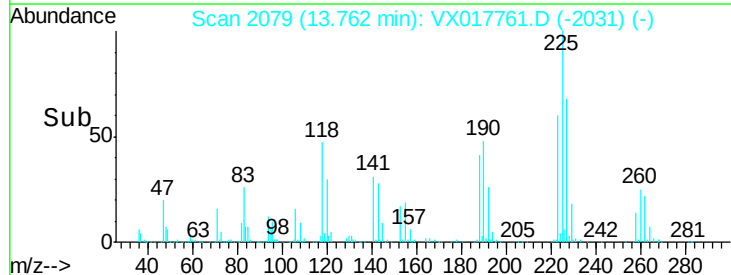
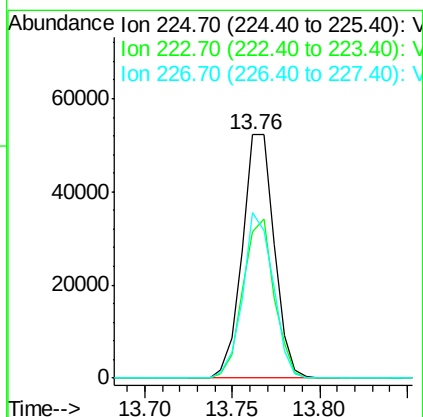
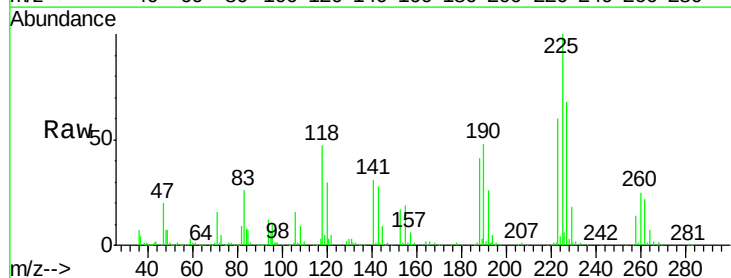
Manual Integrations
 APPROVED

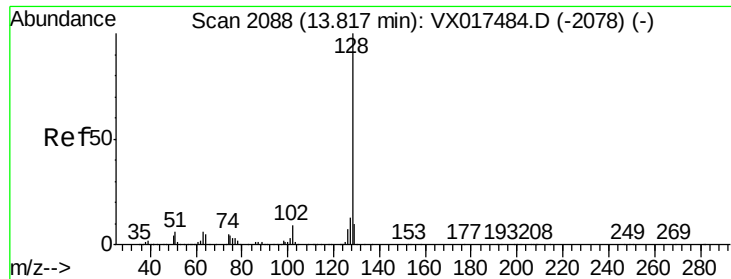
MMDadoda
 8/5/2020 2:51:16 PM



#94
 Hexachlorobutadiene
 Concen: 17.089 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017761.D
 Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66554		
223	63.9	30.3	90.9	
227	64.6	31.1	93.2	





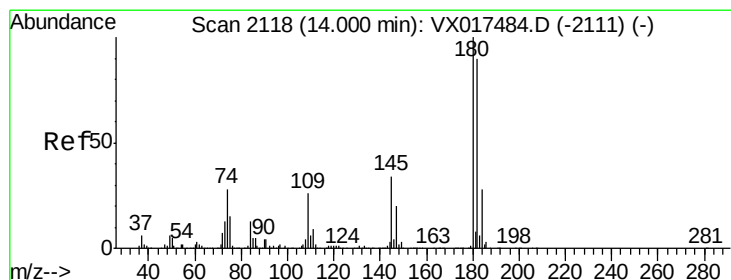
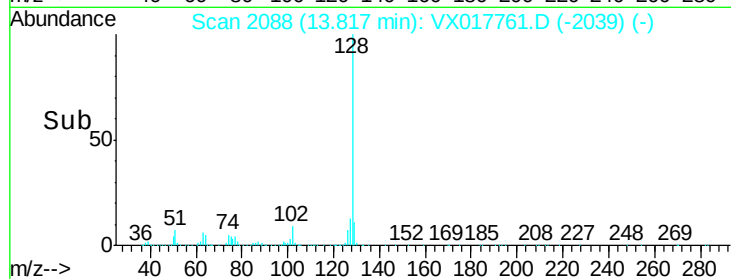
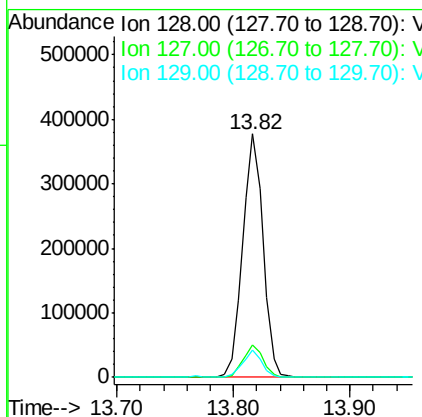
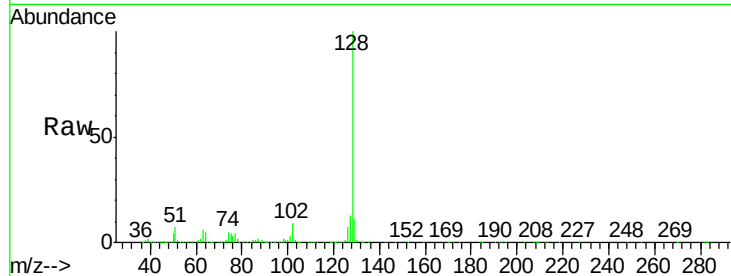
#95
Naphthalene
Concen: 18.264 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	461288		
127	13.0	10.4	15.6	
129	10.8	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
8/5/2020 2:51:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.280 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017761.D
Acq: 04 Aug 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	152709		
182	95.2	47.4	142.3	
145	32.8	16.3	48.9	

