

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082720\
 Data File : VX018096.D
 Acq On : 27 Aug 2020 17:03
 Operator : JC/SP
 Sample : VX0827WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Manual Integrations
 APPROVED

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 8/28/2020 2:59:45 PM

Quant Time: Aug 28 03:56:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	646487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1028148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	974222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	455487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	452473	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.47	113	353823	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	8.70	98	1305389	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.12	95	486358	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	155506	19.757	ug/l	100
3) Chloromethane	1.32	50	158743	19.129	ug/l	99
4) Vinyl Chloride	1.39	62	159260	19.279	ug/l	99
5) Bromomethane	1.63	94	98555	24.735	ug/l	98
6) Chloroethane	1.71	64	88920	20.042	ug/l	95
7) Trichlorofluoromethane	1.92	101	229614	20.385	ug/l	98
8) Diethyl Ether	2.17	74	78254	20.486	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116230	19.087	ug/l	96
10) Methyl Iodide	2.49	142	120014	21.759	ug/l	98
11) Tert butyl alcohol	3.03	59	178557	102.322	ug/l	98
12) 1,1-Dichloroethene	2.36	96	115171	18.230	ug/l	98
13) Acrolein	2.28	56	64940	89.749	ug/l	96
14) Allyl chloride	2.71	41	238445	21.007	ug/l	99
15) Acrylonitrile	3.12	53	415801	105.042	ug/l	99
16) Acetone	2.42	43	370182	105.852	ug/l	96
17) Carbon Disulfide	2.55	76	364396	19.080	ug/l	98
18) Methyl Acetate	2.75	43	185340	21.962	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	445500	20.561	ug/l	96
20) Methylene Chloride	2.84	84	155562	21.080	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	136887	19.556	ug/l	96
22) Diisopropyl ether	3.83	45	451094	20.136	ug/l	94
23) Vinyl Acetate	3.79	43	2088579	104.773	ug/l	99
24) 1,1-Dichloroethane	3.67	63	256619	20.123	ug/l	99
25) 2-Butanone	4.64	43	594847	103.497	ug/l	100
26) 2,2-Dichloropropane	4.56	77	210550	20.292	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	154869	19.203	ug/l	99
28) Bromochloromethane	4.98	49	120651	19.600	ug/l	99
29) Tetrahydrofuran	5.10	42	377132	103.078	ug/l	99
30) Chloroform	5.18	83	260931	19.760	ug/l	99
31) Cyclohexane	5.55	56	205926	19.170	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	243177	20.068	ug/l	99
36) 1,1-Dichloropropene	5.77	75	187813	19.805	ug/l	99
37) Ethyl Acetate	4.81	43	229697	20.855	ug/l	98
38) Carbon Tetrachloride	5.76	117	216607	20.268	ug/l	99

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 Data File : VX018096.D
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 Operator : JC/SP
 Sample : VX0827WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Manual Integrations
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 8/28/2020 2:59:45 PM

Quant Time: Aug 28 03:56:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	190145	18.337	ug/l	98
40) Benzene	6.12	78	554122	19.886	ug/l	98
41) Methacrylonitrile	5.01	41	122837	20.312	ug/l	98
42) 1,2-Dichloroethane	6.17	62	212953	19.947	ug/l	99
43) Isopropyl Acetate	6.42	43	361566	20.325	ug/l	99
44) Trichloroethene	7.19	130	158183	20.091	ug/l	100
45) 1,2-Dichloropropane	7.49	63	152318	20.282	ug/l	97
46) Dibromomethane	7.64	93	105139	19.908	ug/l	98
47) Bromodichloromethane	7.88	83	213316	20.229	ug/l	97
48) Methyl methacrylate	7.75	41	181863	20.536	ug/l	98
49) 1,4-Dioxane	7.72	88	60402	376.533	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1163013	105.836	ug/l	100
52) Toluene	8.77	92	354879	20.085	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	239159	20.464	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	250135	20.204	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	153158	20.324	ug/l	97
56) Ethyl methacrylate	9.16	69	225318	20.113	ug/l	99
57) 1,3-Dichloropropane	9.35	76	248826	20.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	487731	96.782	ug/l	100
59) 2-Hexanone	9.48	43	899107	107.603	ug/l	99
60) Dibromochloromethane	9.57	129	178767	20.222	ug/l	97
61) 1,2-Dibromoethane	9.65	107	163712	20.010	ug/l	99
64) Tetrachloroethene	9.32	164	146889	20.518	ug/l	94
65) Chlorobenzene	10.12	112	395293	20.316	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	156356	20.389	ug/l	98
67) Ethyl Benzene	10.24	91	669305	20.227	ug/l	99
68) m/p-Xylenes	10.34	106	494590	40.047	ug/l	97
69) o-Xylene	10.68	106	238644	19.933	ug/l	99
70) Styrene	10.70	104	416877	20.446	ug/l	99
71) Bromoform	10.84	173	128871	19.701	ug/l	96
73) Isopropylbenzene	11.01	105	634049	21.104	ug/l	99
74) N-amyl acetate	10.88	43	321216	22.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	215147	20.300	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	202910m	20.026	ug/l	
77) Bromobenzene	11.24	156	171681	20.672	ug/l	98
78) n-propylbenzene	11.35	91	725557	21.269	ug/l	98
79) 2-Chlorotoluene	11.40	91	442607	21.000	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	529777	21.458	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	79931	21.306	ug/l	99
82) 4-Chlorotoluene	11.49	91	523667	20.900	ug/l	99
83) tert-Butylbenzene	11.76	119	506542	20.790	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	520657	20.627	ug/l	99
85) sec-Butylbenzene	11.93	105	578737	20.887	ug/l	99
86) p-Isopropyltoluene	12.05	119	532813	20.935	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	291182	19.970	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	289067	19.800	ug/l	98
89) n-Butylbenzene	12.37	91	459750	19.791	ug/l	99
90) Hexachloroethane	12.58	117	99434	19.857	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	281450	20.506	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55857	21.078	ug/l	97

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Data File : VX018096.D
Acq On : 27 Aug 2020 17:03
Operator : JC/SP
Sample : VX0827WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

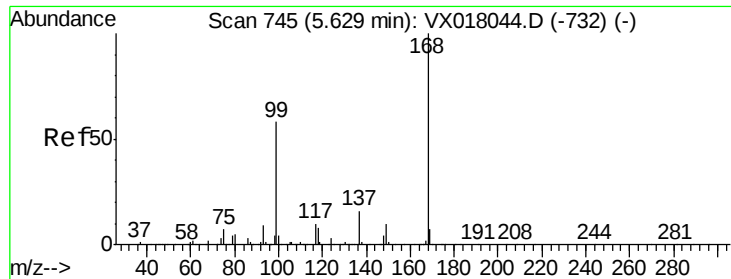
Manual Integrations
APPROVED

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8/28/2020 2:59:45 PM

Quant Time: Aug 28 03:56:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	186632	20.391	ug/l	99
94) Hexachlorobutadiene	13.77	225	65774	18.220	ug/l	97
95) Naphthalene	13.82	128	661156	21.950	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	186524	20.625	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion:168 Resp: 646487

Ion Ratio Lower Upper

168 100

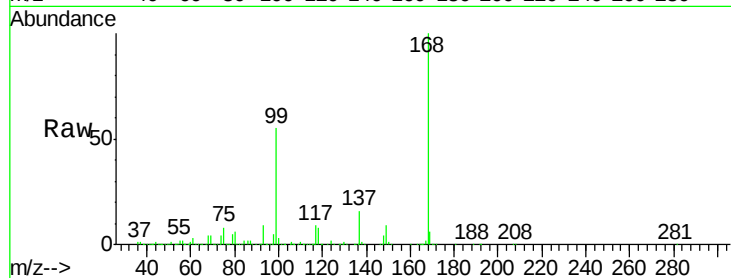
99 54.8 46.3 69.5

Manual Integrations

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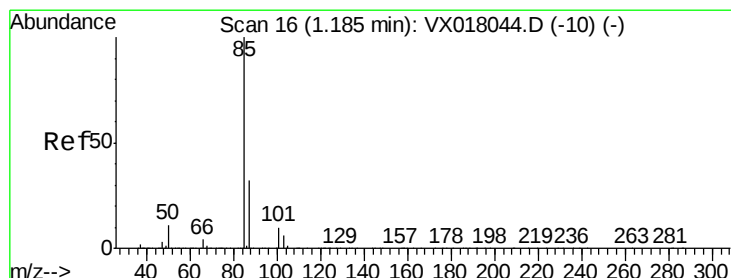
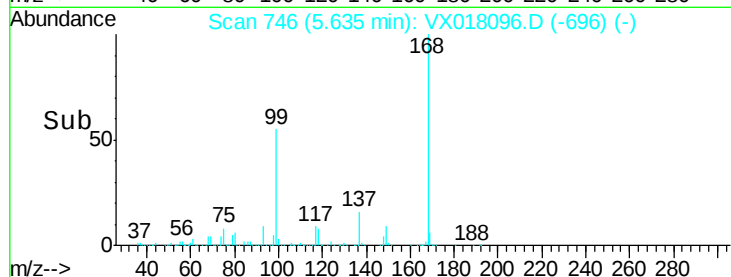
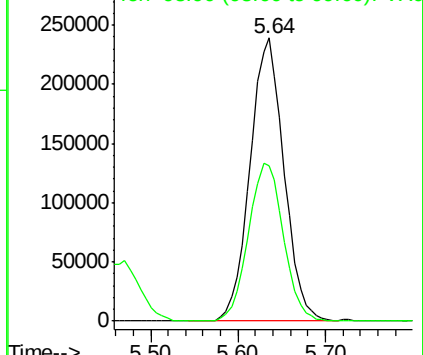
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.757 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018096.D

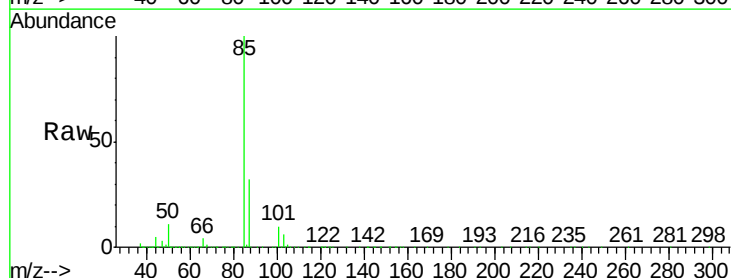
Acq: 27 Aug 2020 17:03

Tgt Ion: 85 Resp: 155506

Ion Ratio Lower Upper

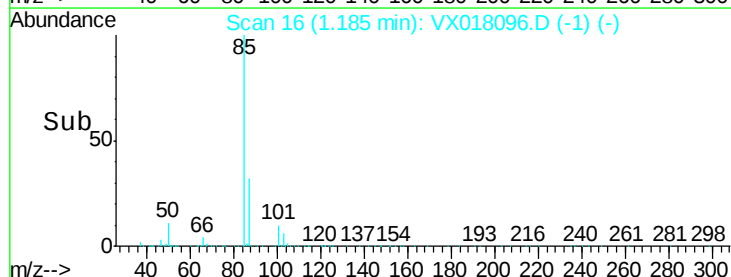
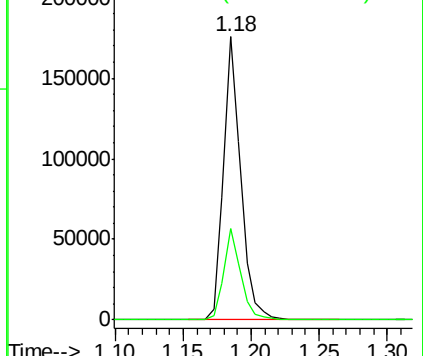
85 100

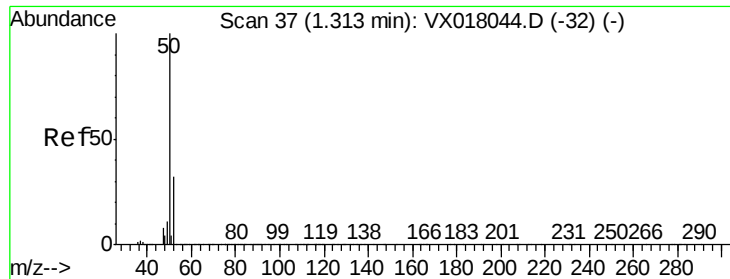
87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.129 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 50 Resp: 158743

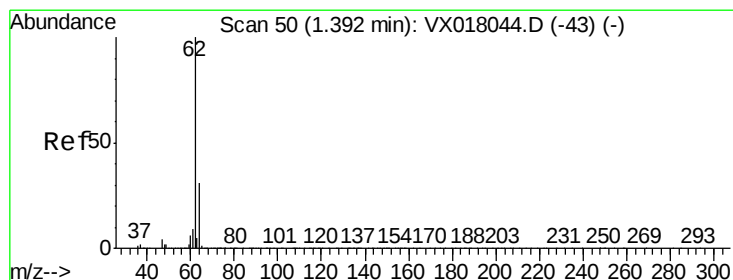
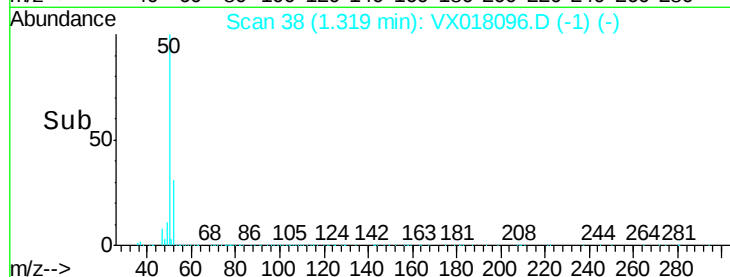
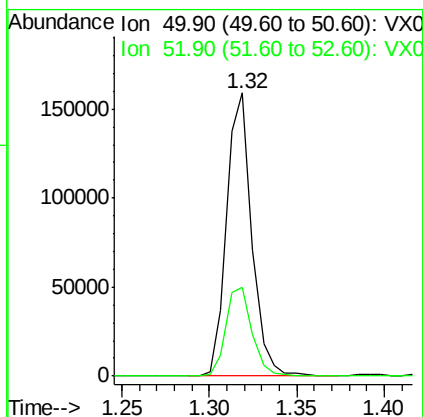
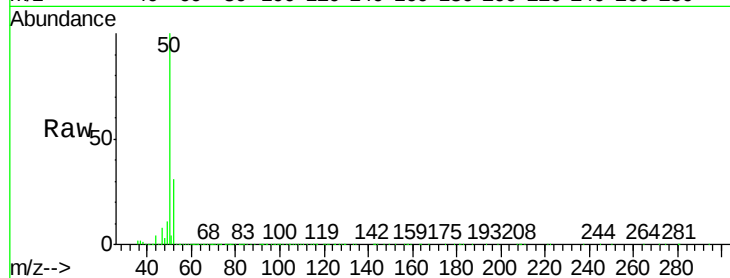
Ion Ratio Lower Upper

50 100

52 31.2 25.4 38.2

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#4

Vinyl Chloride

Concen: 19.279 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018096.D

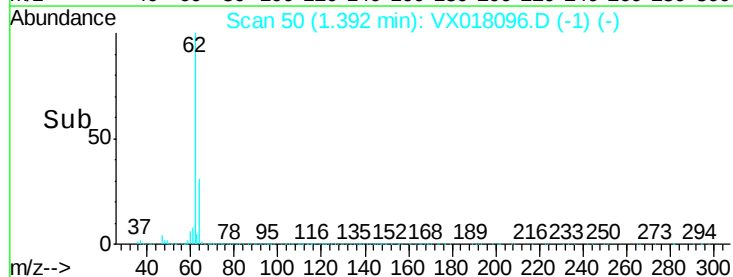
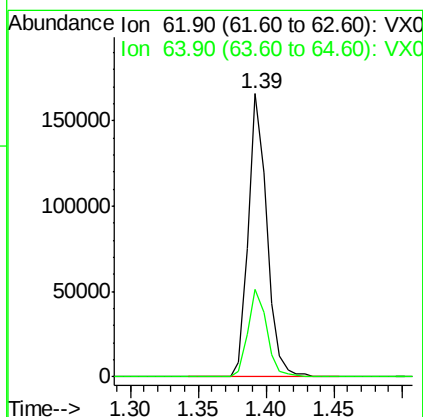
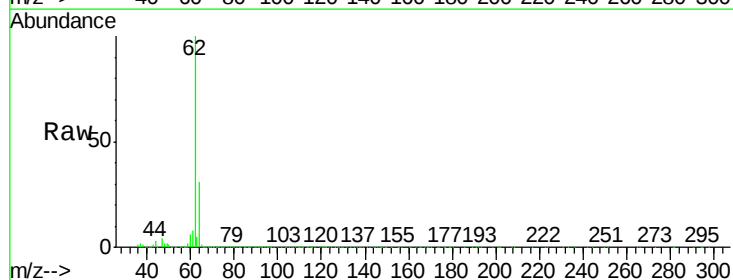
Acq: 27 Aug 2020 17:03

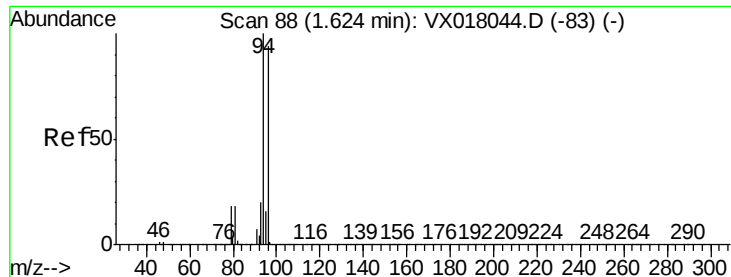
Tgt Ion: 62 Resp: 159260

Ion Ratio Lower Upper

62 100

64 31.0 25.1 37.7





#5

Bromomethane

Concen: 24.735 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 94 Resp: 98555

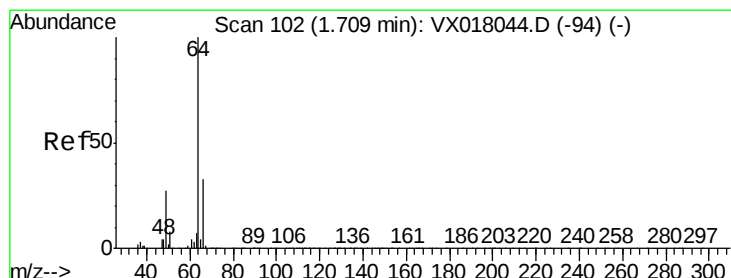
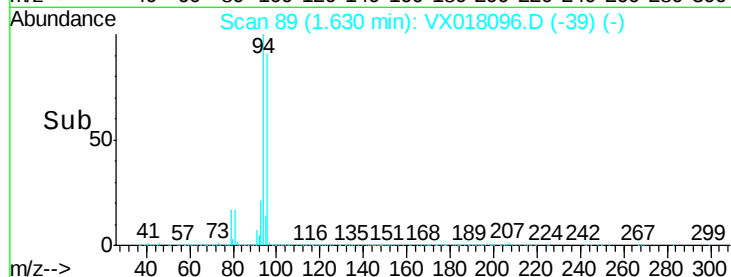
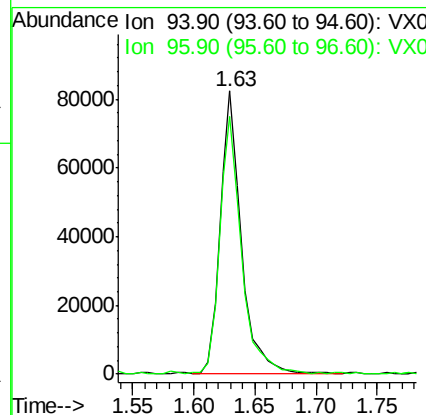
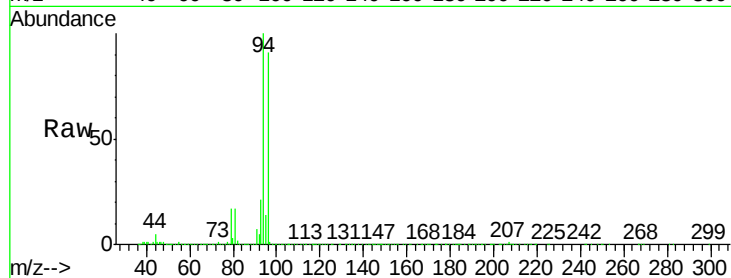
Ion Ratio Lower Upper

94 100

96 91.1 74.8 112.2

Manual Integrations
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#6

Chloroethane

Concen: 20.042 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018096.D

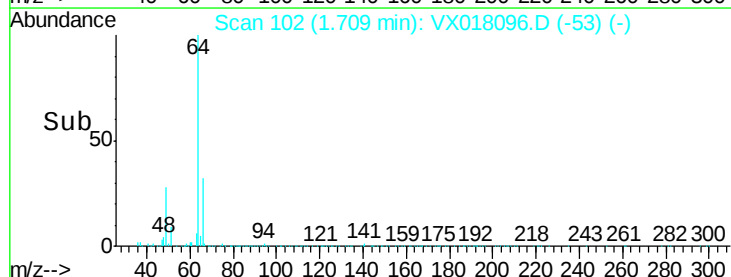
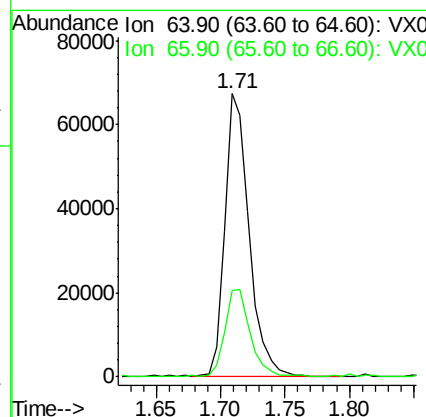
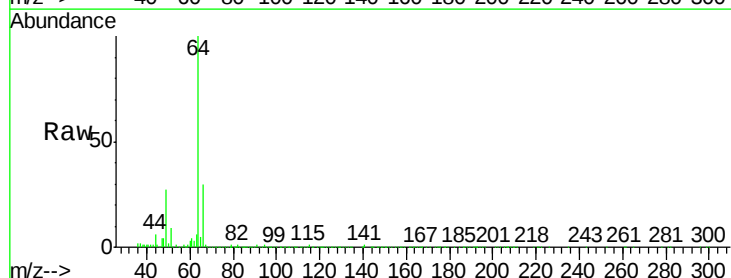
Acq: 27 Aug 2020 17:03

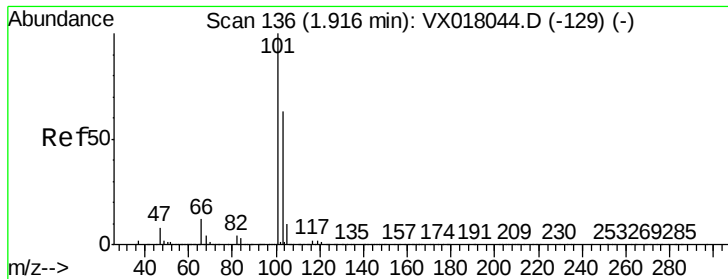
Tgt Ion: 64 Resp: 88920

Ion Ratio Lower Upper

64 100

66 30.1 26.6 39.8





#7

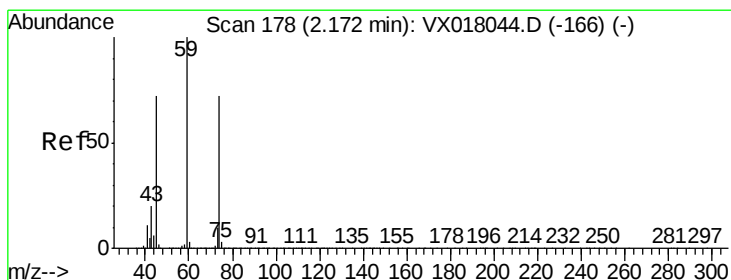
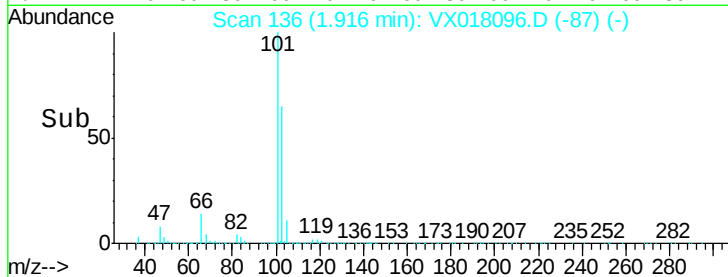
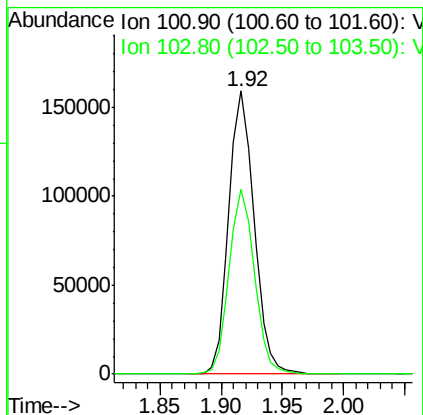
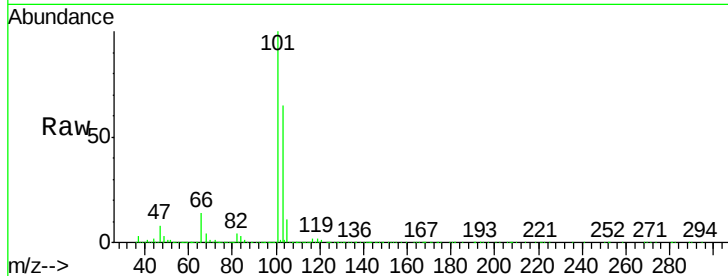
Trichlorofluoromethane
Concen: 20.385 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.7	76.1

Manual Integrations
APPROVED

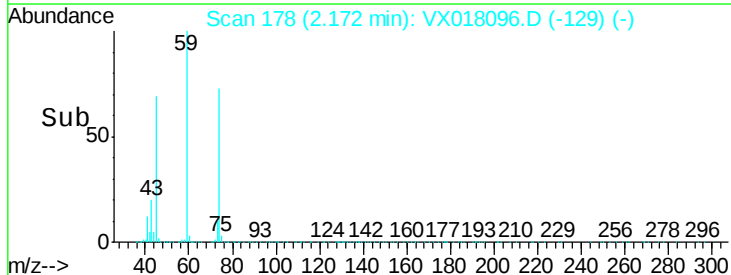
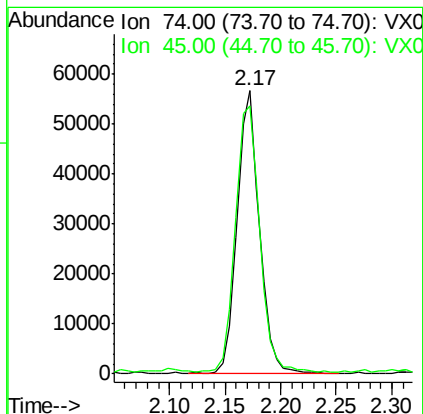
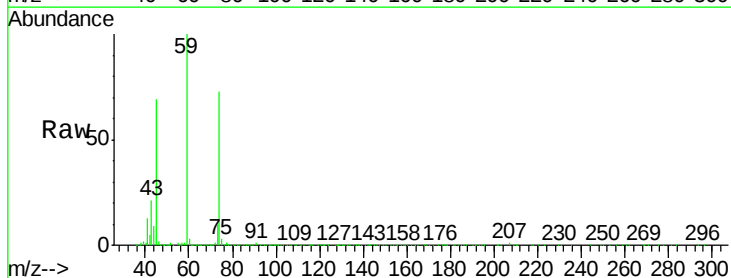
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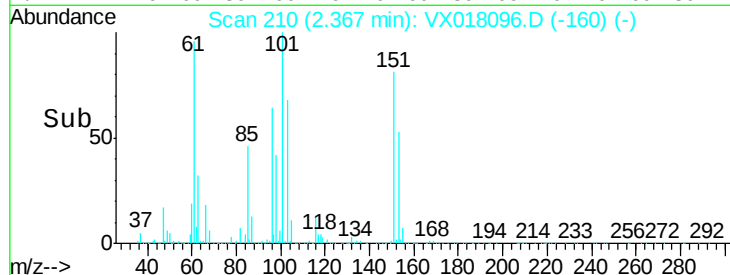
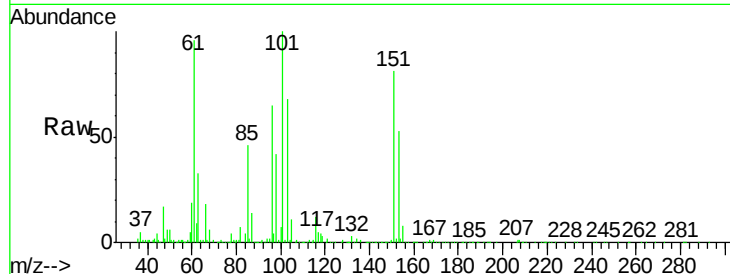
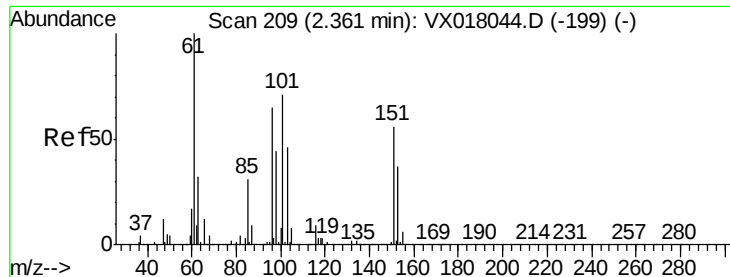


#8

Diethyl Ether
Concen: 20.486 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	50.7	152.3





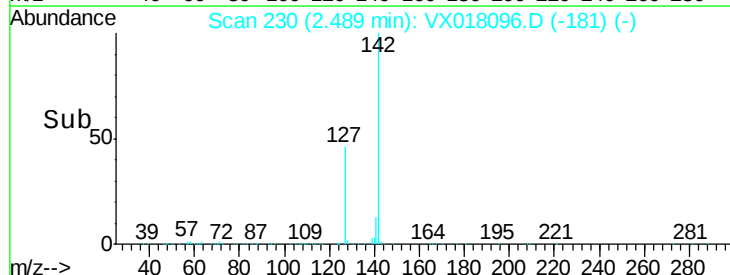
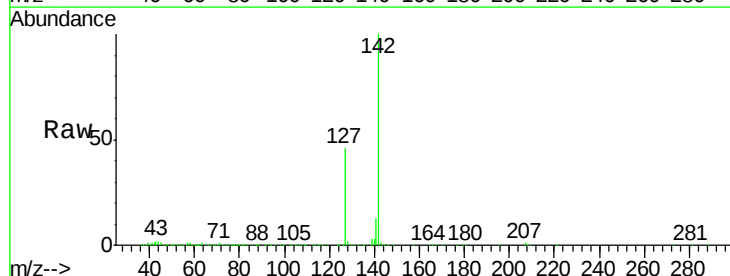
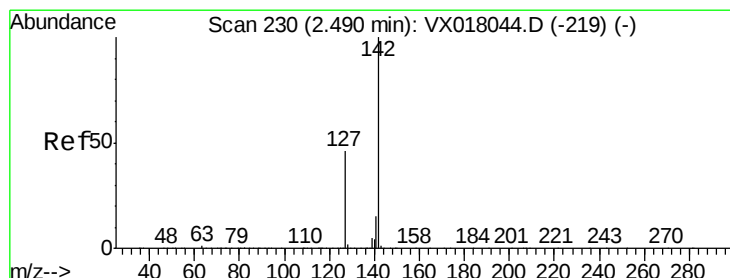
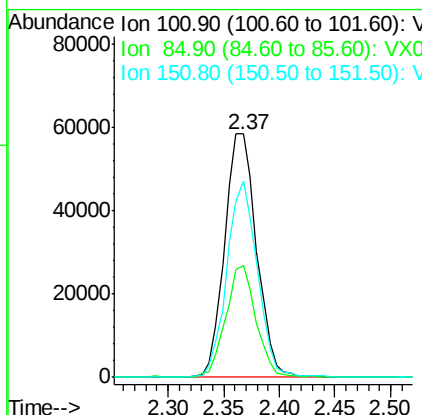
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.087 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	116230		
85	43.7	34.0	51.0	
151	77.2	65.2	97.8	

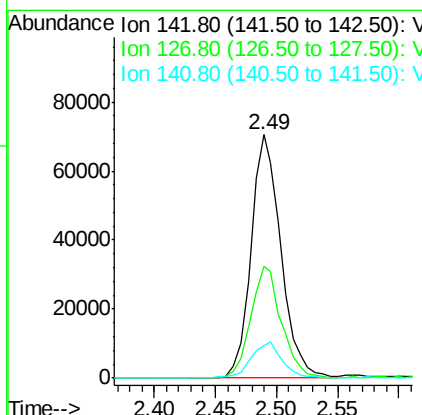
Manual Integrations
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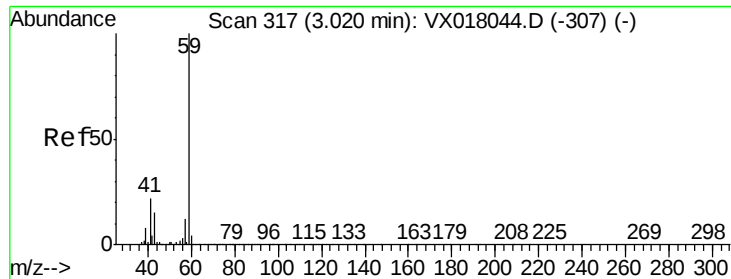
MMDadoda
8/28/2020 2:59:45 PM



#10
Methyl Iodide
Concen: 21.759 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	120014		
127	47.5	37.0	55.6	
141	15.7	11.5	17.3	





#11

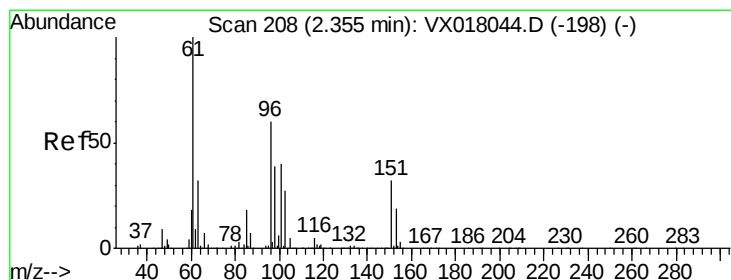
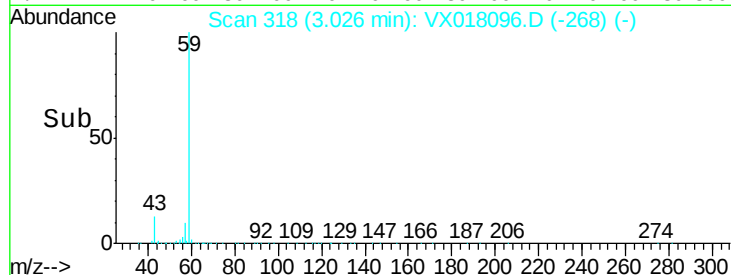
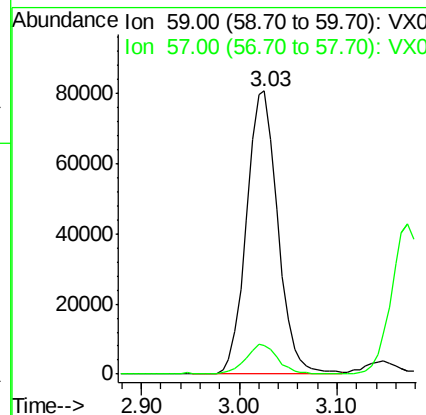
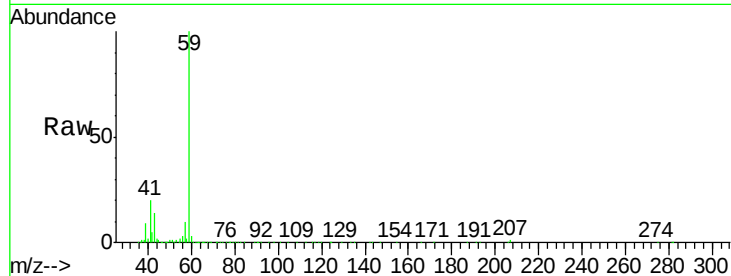
Tert butyl alcohol
Concen: 102.322 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	178557		
57	57	10.5		8.9	13.3

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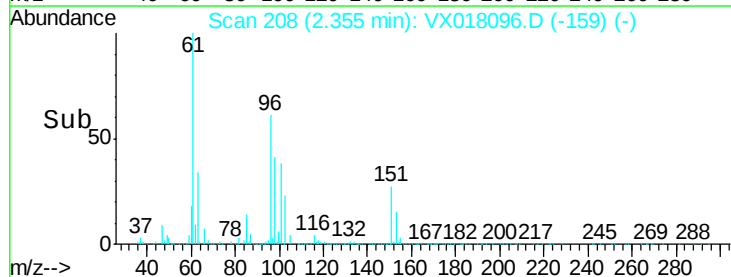
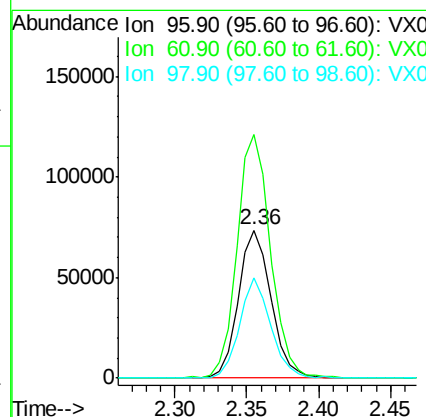
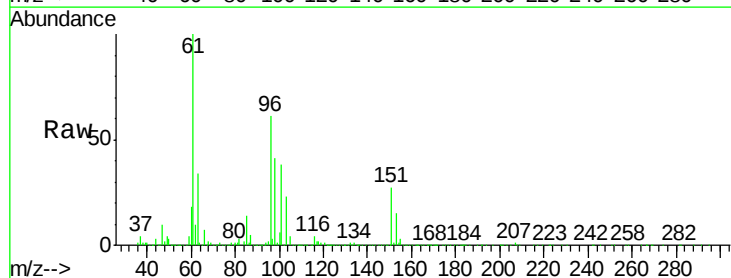
MMDadoda
8/28/2020 2:59:45 PM

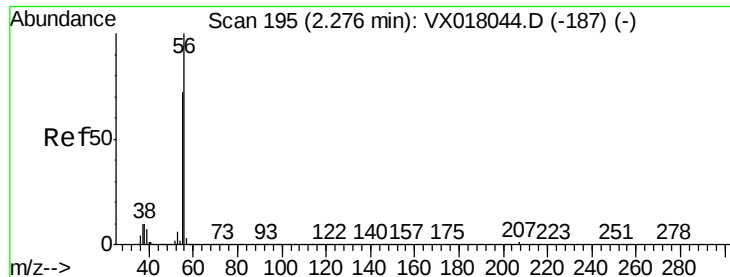


#12

1,1-Dichloroethene
Concen: 18.230 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	115171		
61	61	164.6		133.0	199.4
98	98	67.7		51.6	77.4





#13

Acrolein

Concen: 89.749 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 56 Resp: 64940

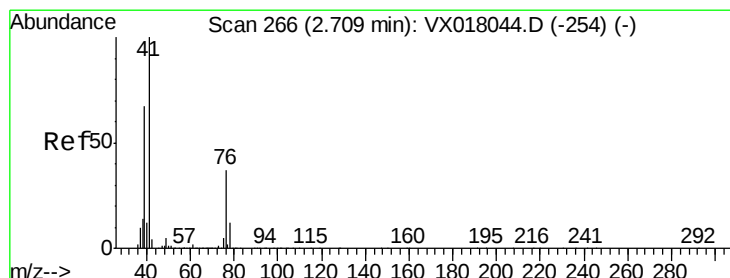
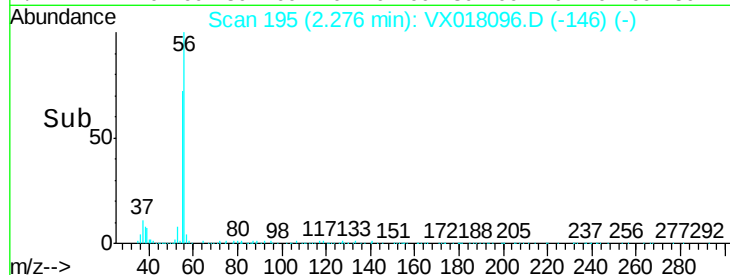
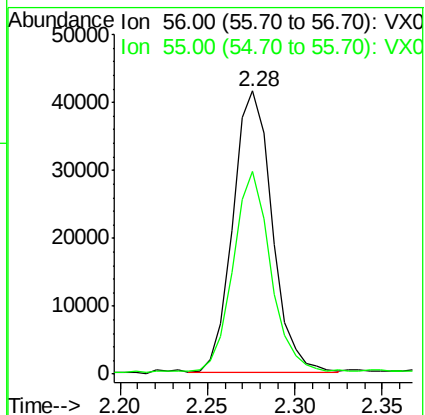
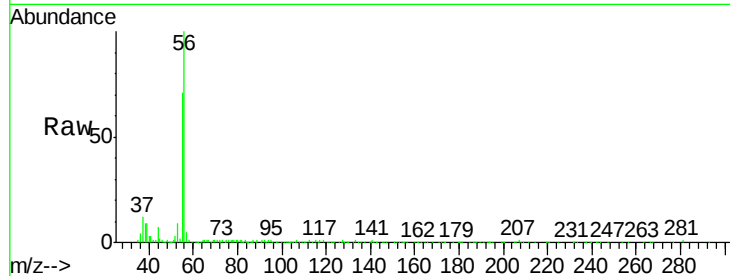
Ion Ratio Lower Upper

56 100

55 67.8 57.0 85.6

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#14

Allyl chloride

Concen: 21.007 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

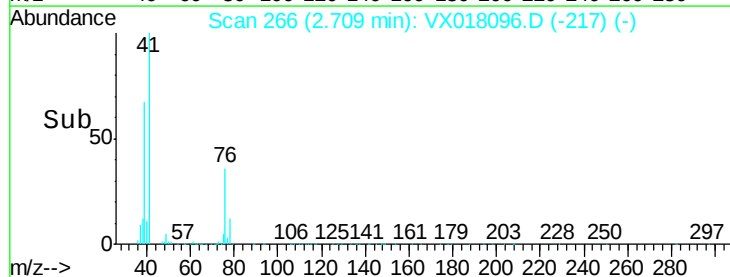
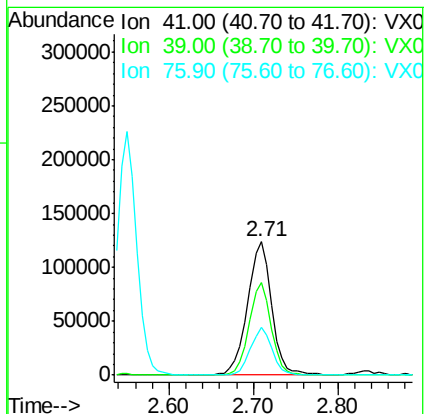
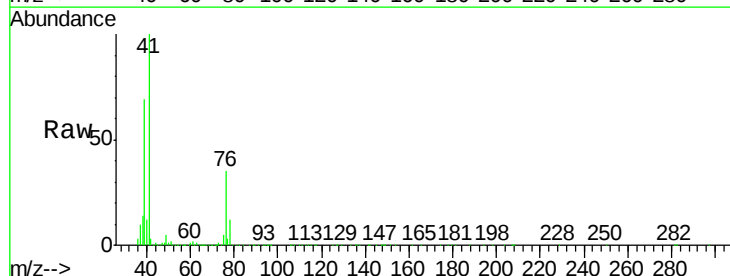
Tgt Ion: 41 Resp: 238445

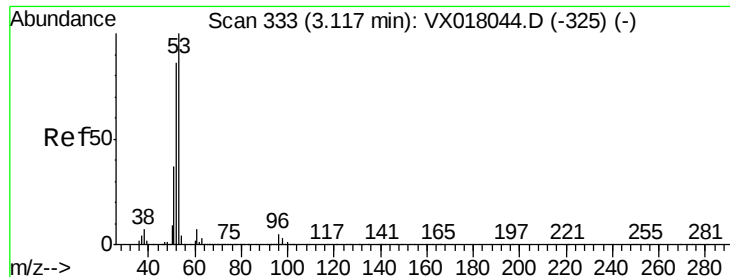
Ion Ratio Lower Upper

41 100

39 62.9 50.6 76.0

76 31.7 26.2 39.2





#15

Acrylonitrile

Concen: 105.042 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

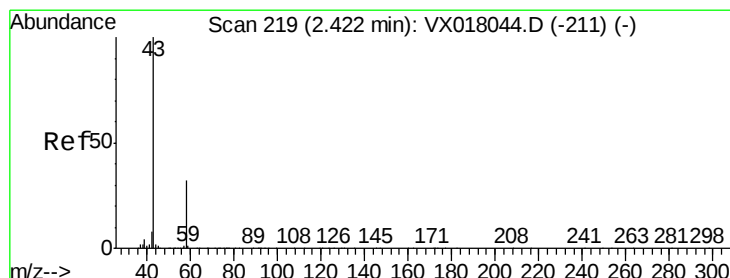
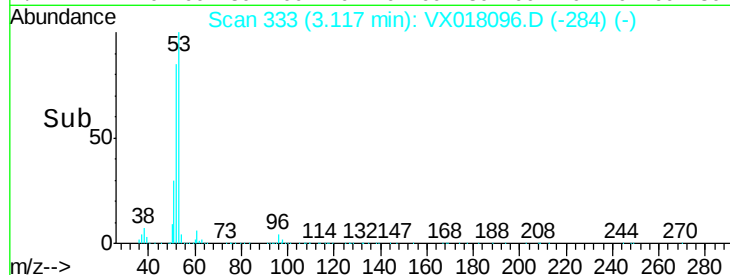
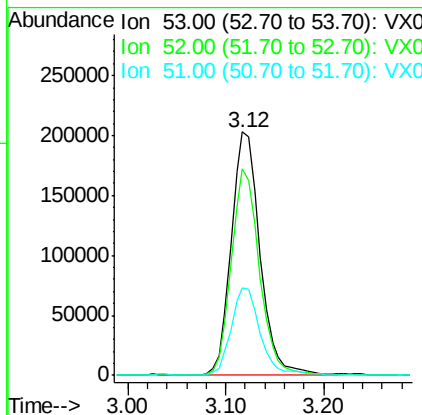
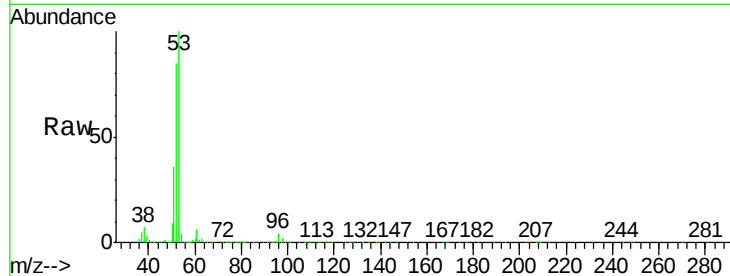
ClientSampleId :

VX0827WBSD01

Tot Ion:	53	Resp:	415801
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.9	100.3
51	36.3	28.7	43.1

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#16

Acetone

Concen: 105.852 ug/l

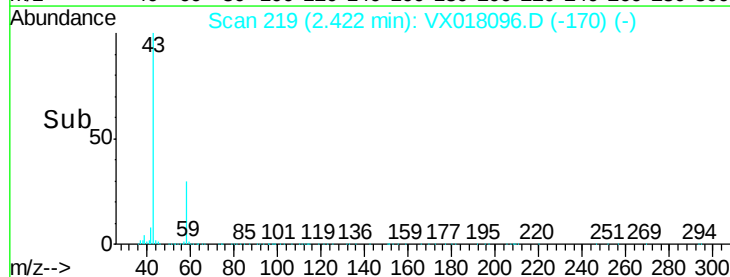
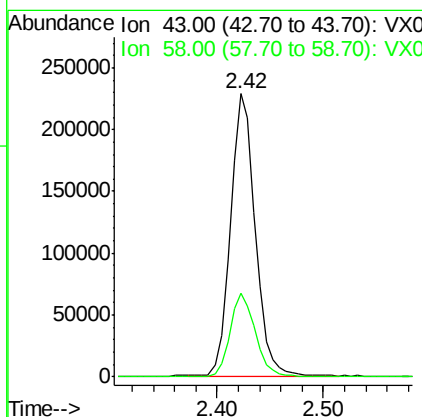
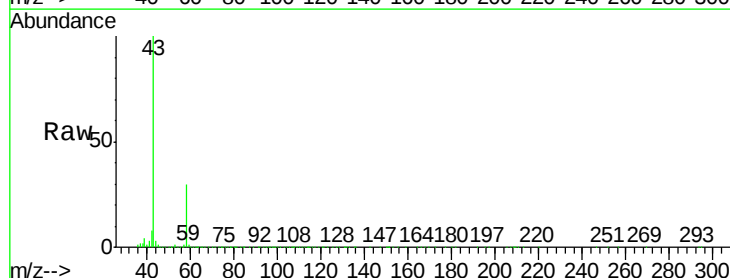
RT: 2.42 min Scan# 219

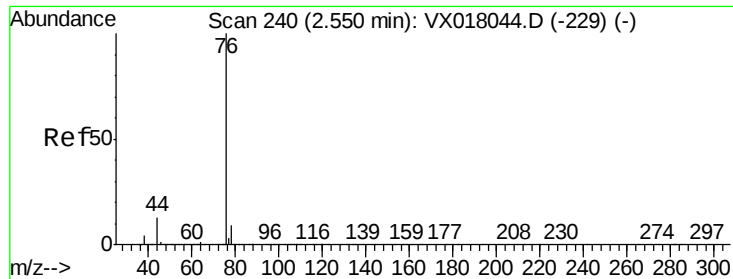
Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion:	43	Resp:	370182
Ion Ratio	Lower	Upper	
43	100		
58	29.6	25.5	38.3





#17

Carbon Disulfide

Concen: 19.080 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 76 Resp: 364396

Ion Ratio Lower Upper

76 100

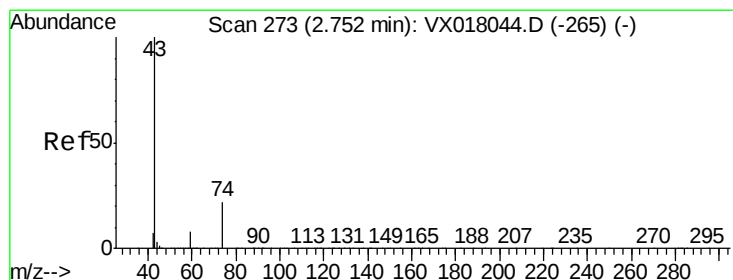
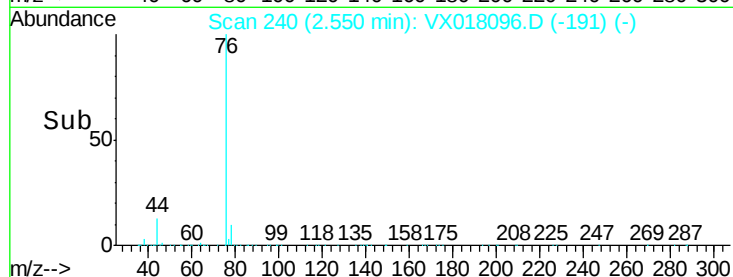
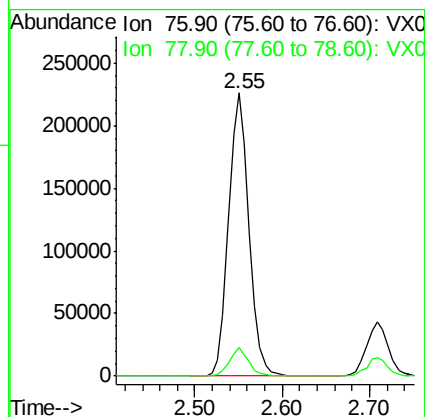
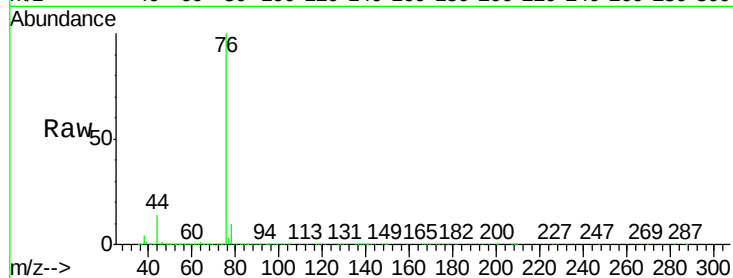
78 10.0 7.4 11.0

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#18

Methyl Acetate

Concen: 21.962 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018096.D

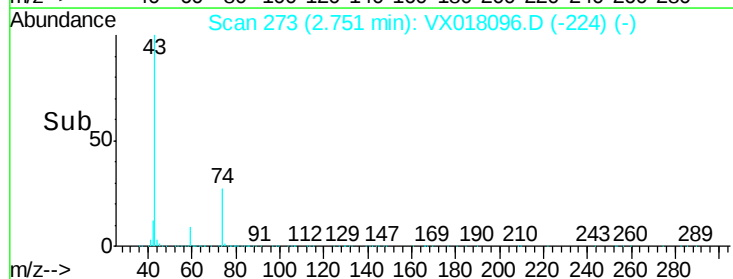
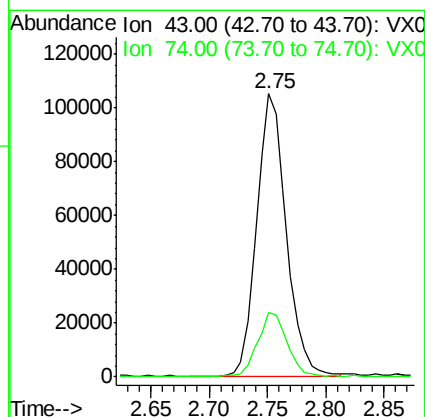
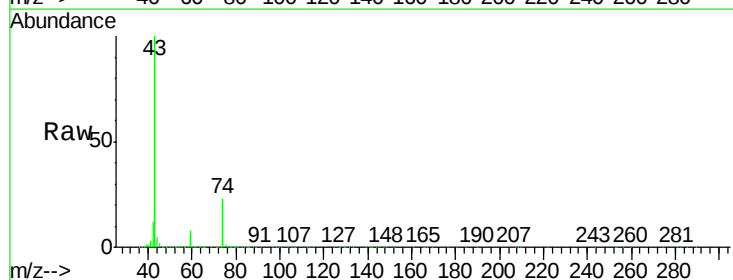
Acq: 27 Aug 2020 17:03

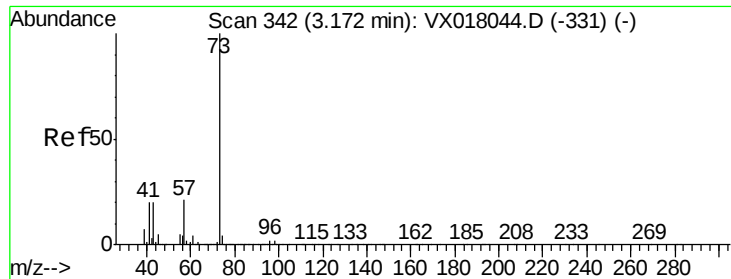
Tgt Ion: 43 Resp: 185340

Ion Ratio Lower Upper

43 100

74 23.4 18.2 27.4





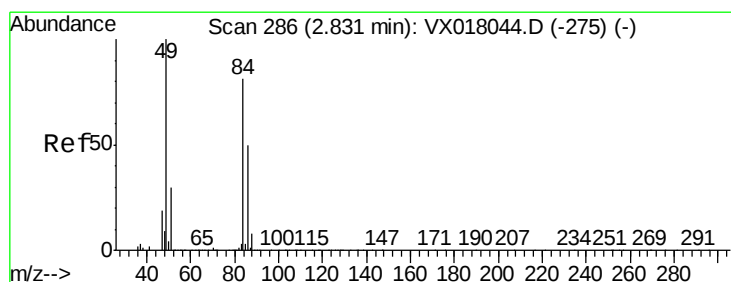
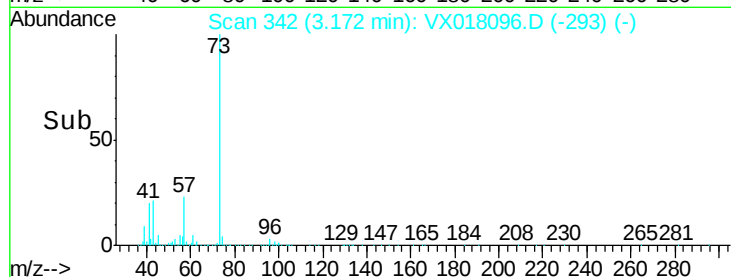
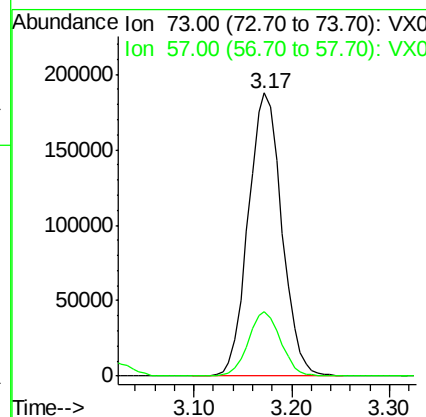
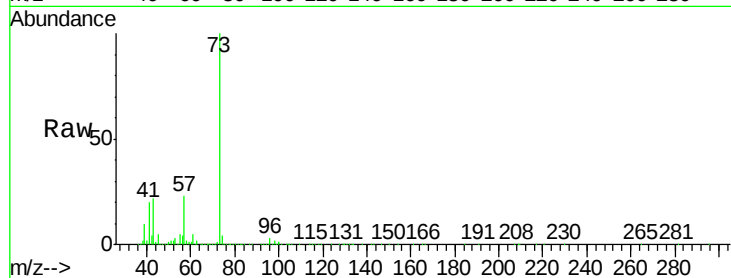
#19
Methvl tert-butvl Ether
Concen: 20.561 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	16.8	25.2

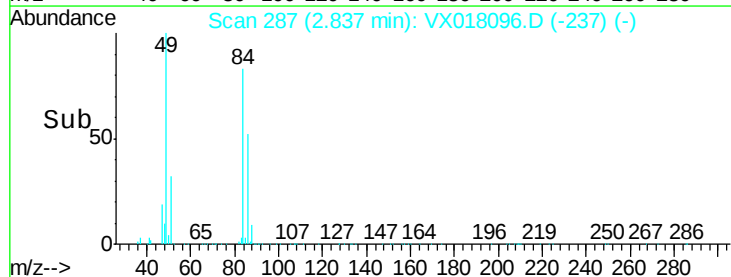
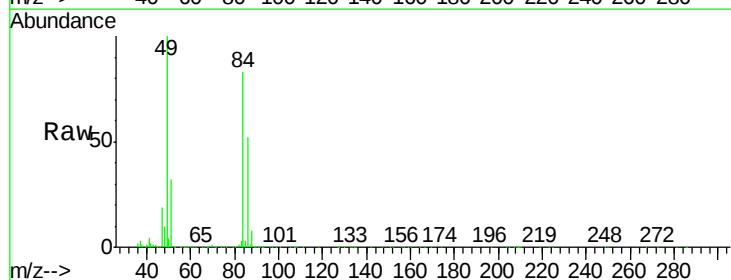
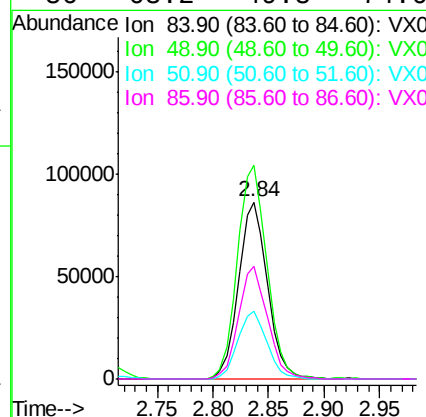
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#20
Methylene Chloride
Concen: 21.080 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.4	98.6	148.0
51	37.8	29.6	44.4
86	63.2	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 19.556 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

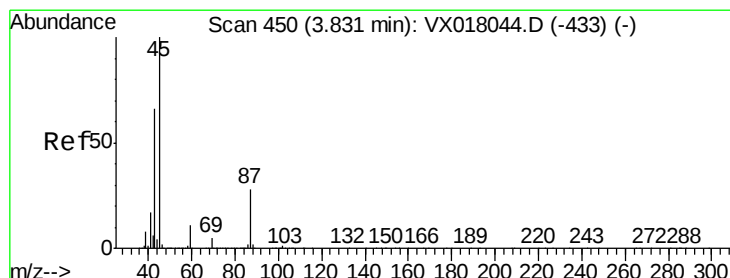
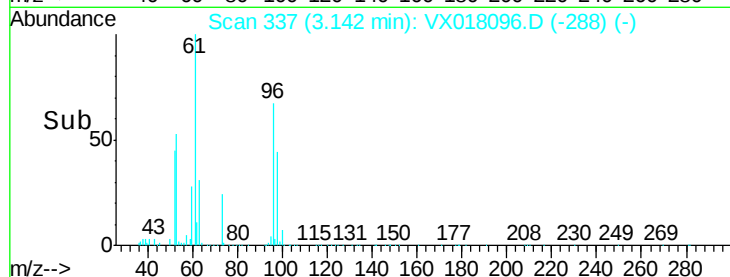
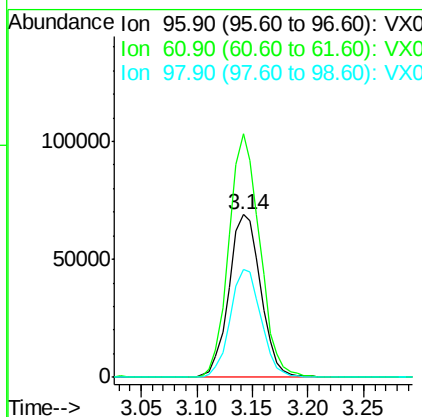
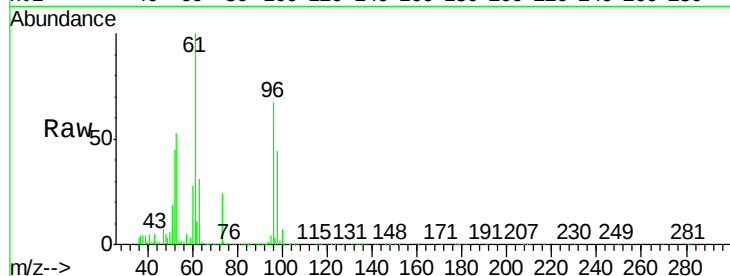
ClientSampleId :

VX0827WBSD01

Tot Ion:	96	Resp:	136887
Ion	Ratio	Lower	Upper
96	100		
61	149.4	115.4	173.0
98	66.3	51.1	76.7

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#22

Diisopropyl ether

Concen: 20.136 ug/l

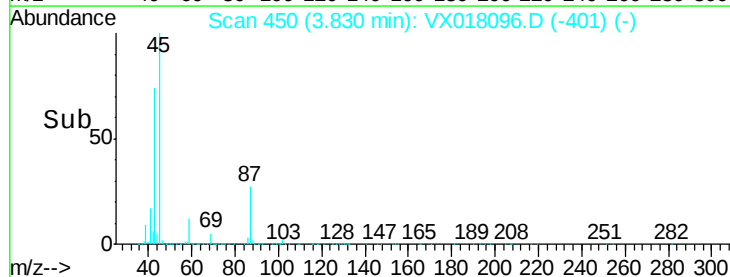
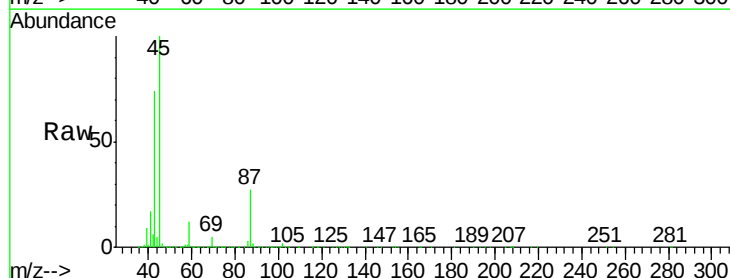
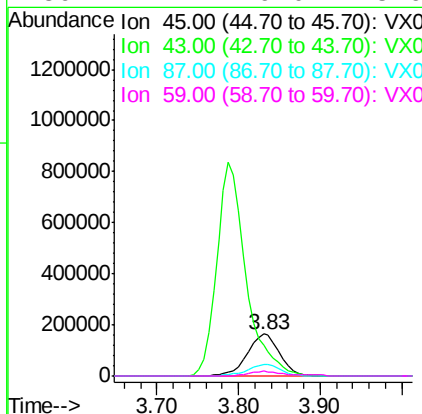
RT: 3.83 min Scan# 450

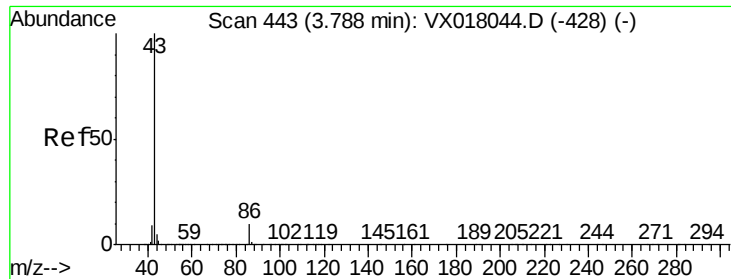
Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion:	45	Resp:	451094
Ion	Ratio	Lower	Upper
45	100		
43	72.9	52.8	79.2
87	26.9	22.5	33.7
59	12.2	9.0	13.6





#23

Vinyl Acetate

Concen: 104.773 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 43 Resp: 2088579

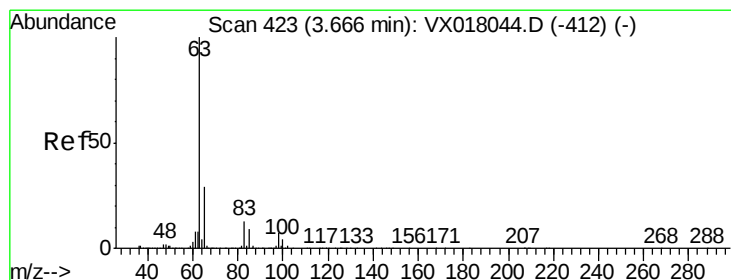
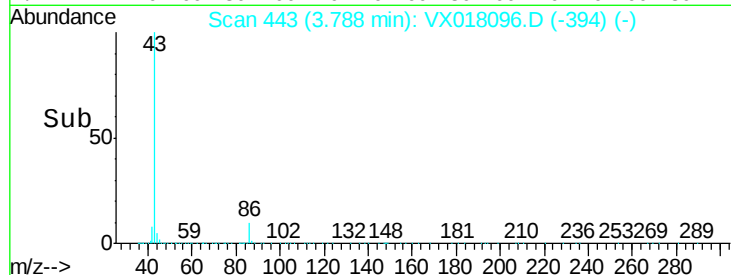
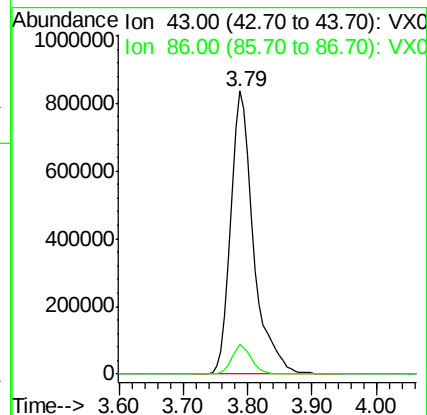
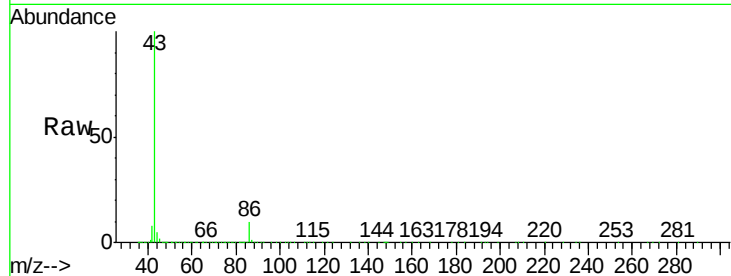
Ion Ratio Lower Upper

43 100

86 10.4 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 20.123 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

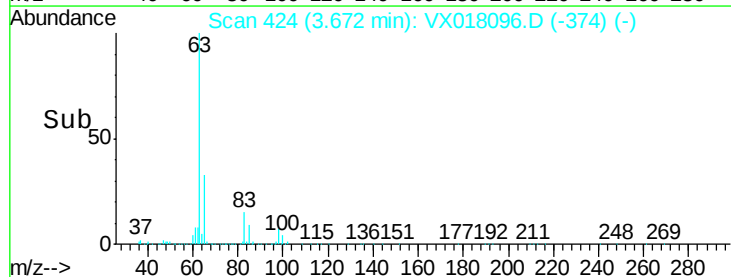
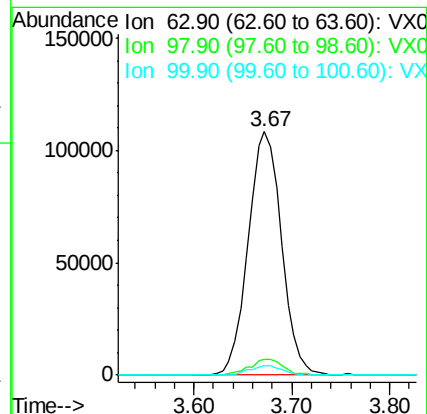
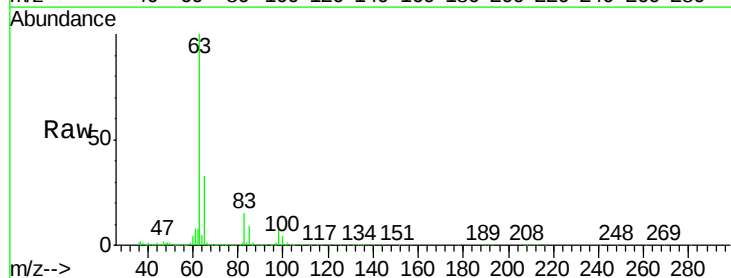
Tgt Ion: 63 Resp: 256619

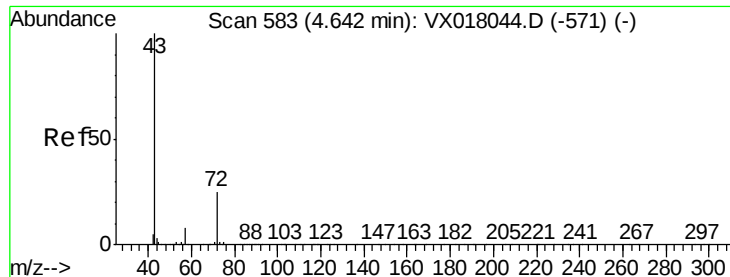
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 103.497 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 43 Resp: 594847

Ion Ratio Lower Upper

43 100

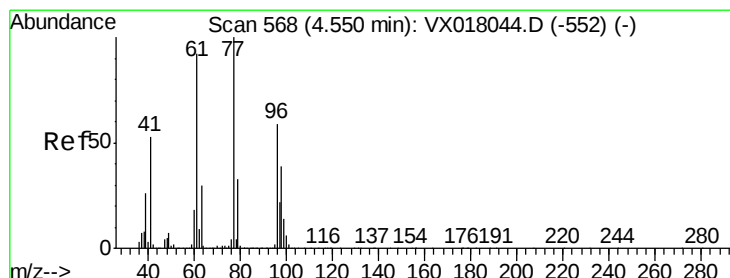
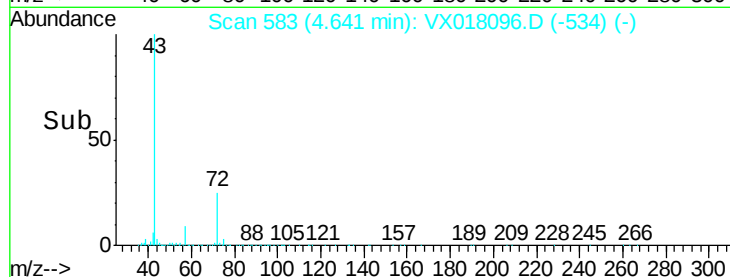
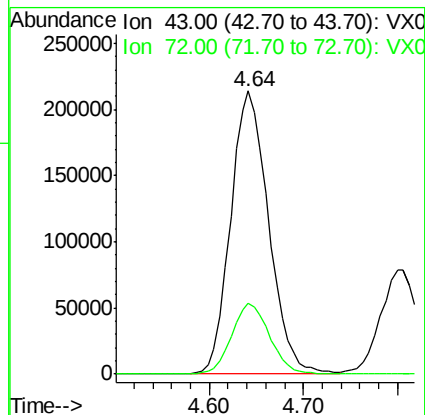
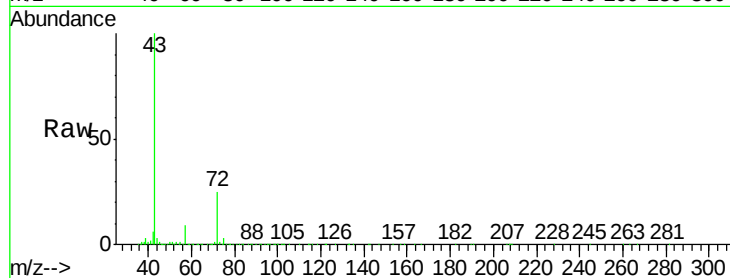
72 24.8 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.292 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018096.D

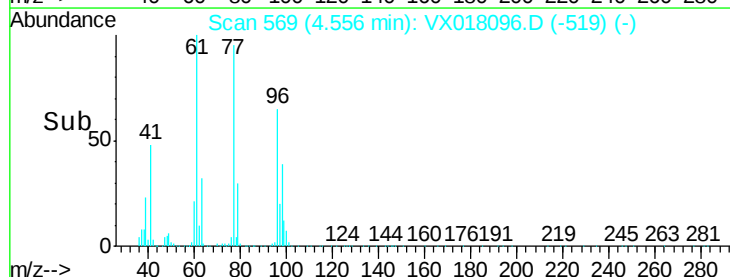
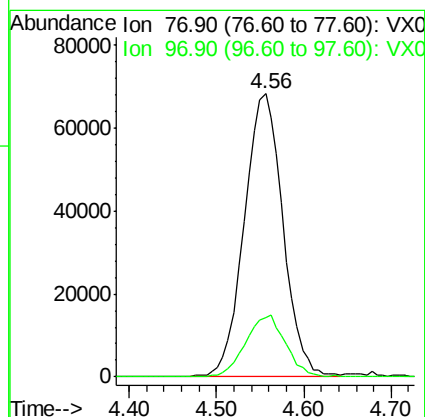
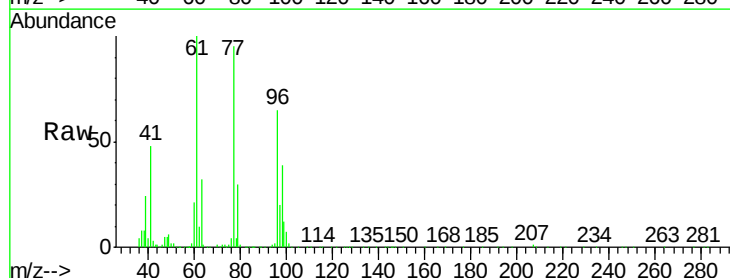
Acq: 27 Aug 2020 17:03

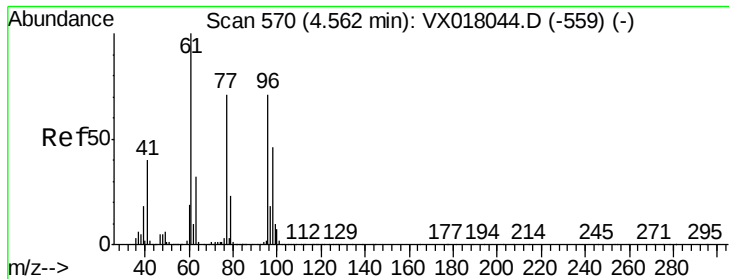
Tgt Ion: 77 Resp: 210550

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.5





#27

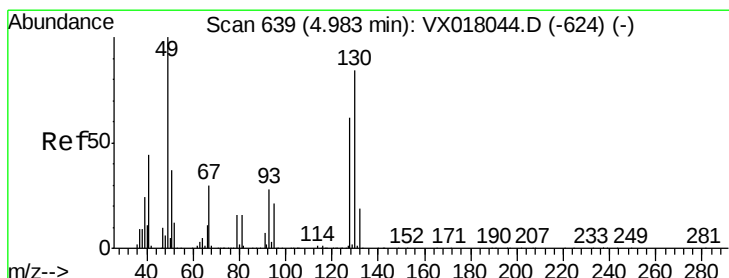
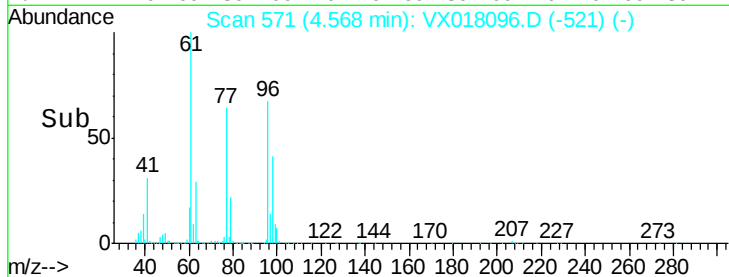
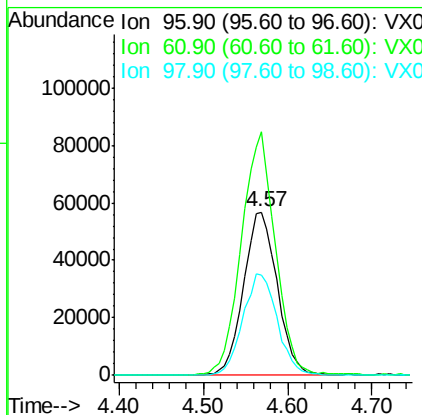
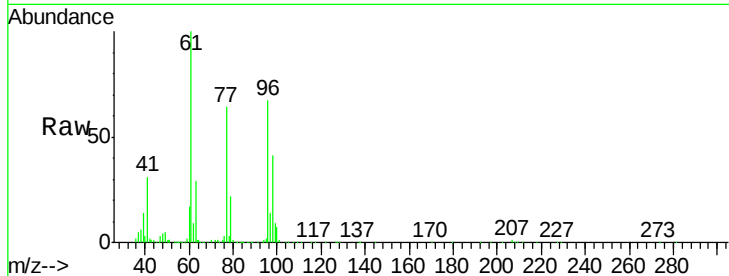
cis-1,2-Dichloroethene
Concen: 19.203 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	154869		
61	148.3	0.0	296.6	
98	63.6	0.0	130.2	

Manual Integrations
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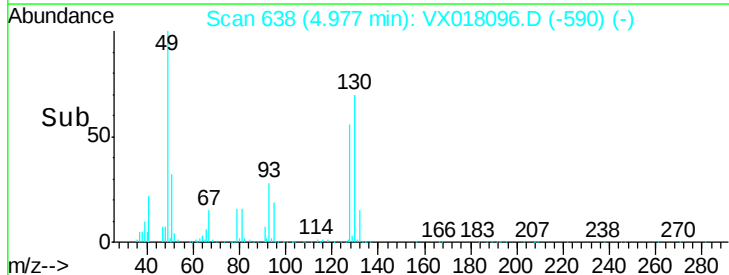
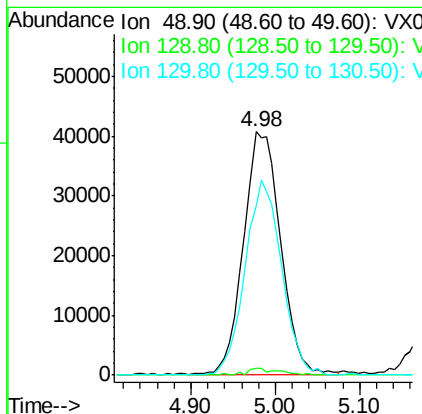
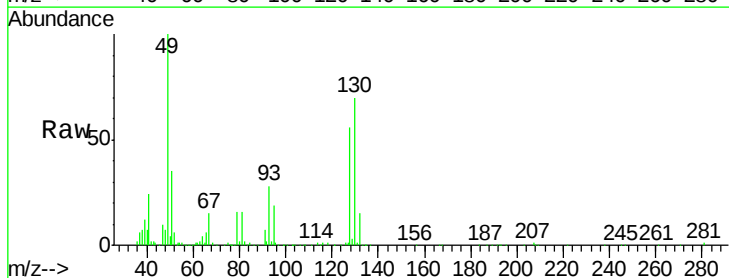
MMDadoda
8/28/2020 2:59:45 PM

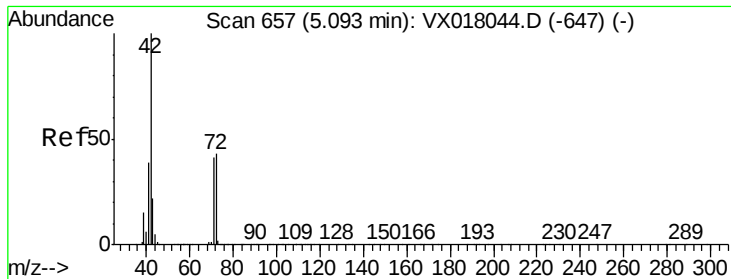


#28

Bromochloromethane
Concen: 19.600 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	120651		
129	1.4	0.0	4.6	
130	79.5	64.6	96.8	





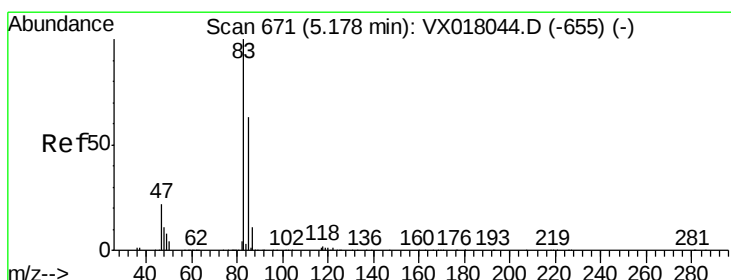
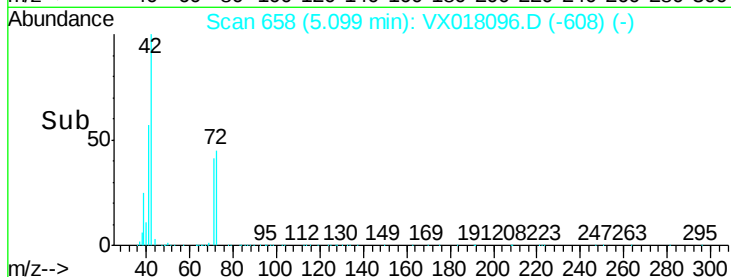
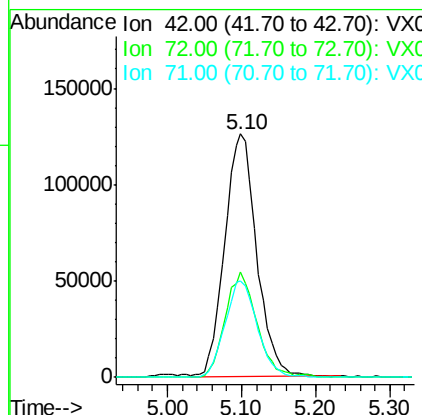
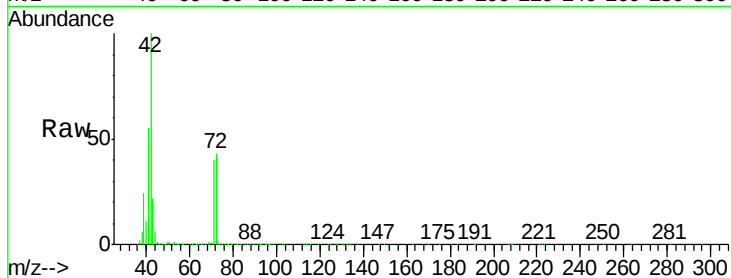
#29
Tetrahydrofuran
Concen: 103.078 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.4
71	40.5	32.1	48.1

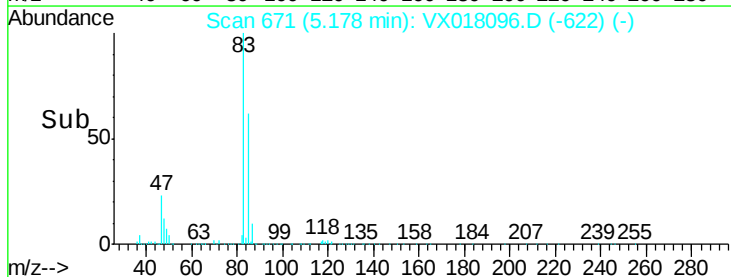
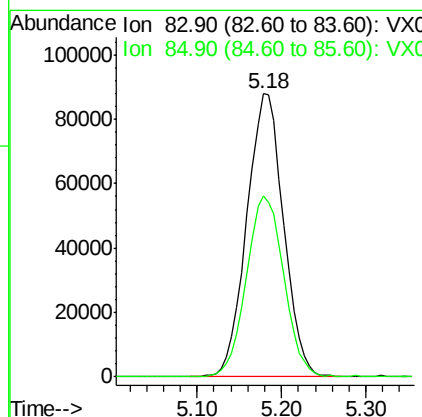
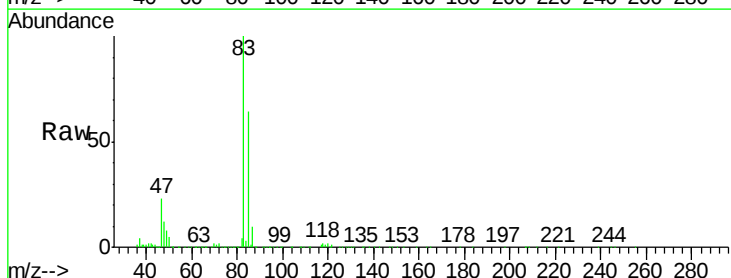
Manual Integrations
APPROVED

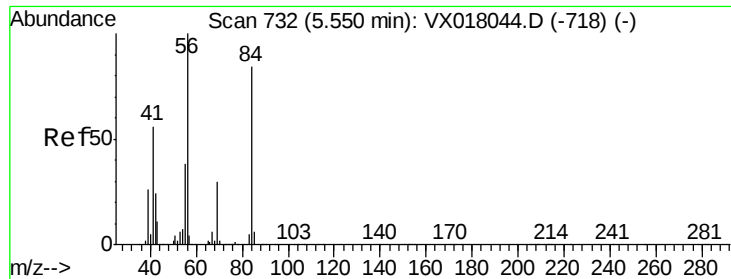
MMDadoda
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#30
Chloroform
Concen: 19.760 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.7	76.1





#31

Cyclohexane

Concen: 19.170 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

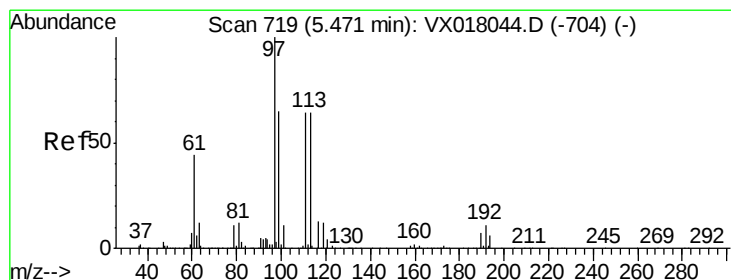
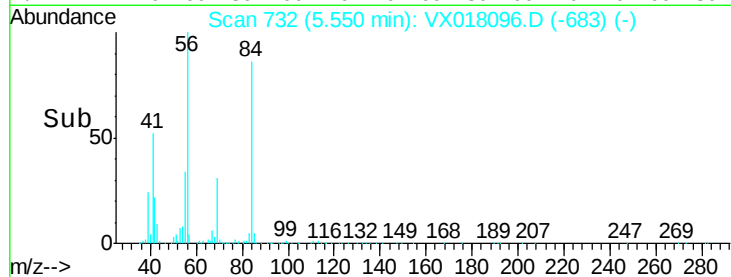
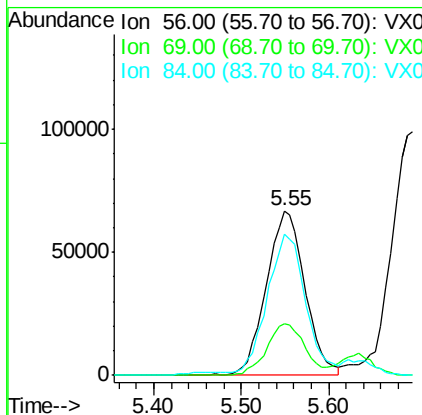
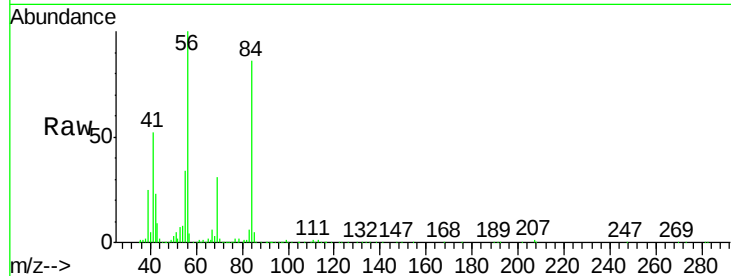
ClientSampleId :

VX0827WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.0	23.9	35.9	
84	84.9	67.0	100.4	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.068 ug/l

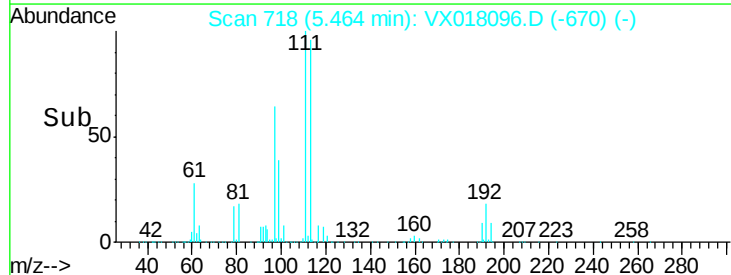
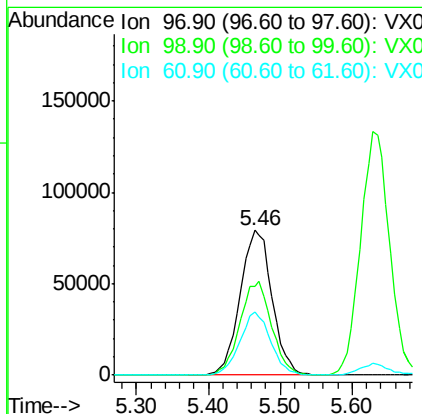
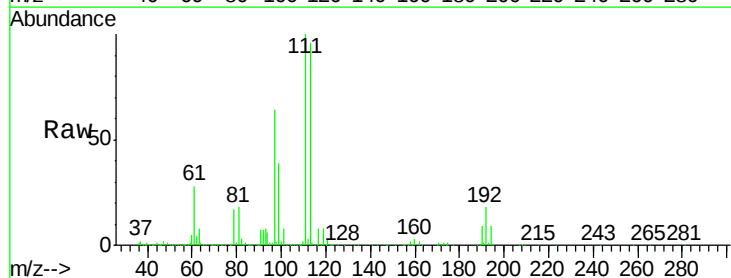
RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.3	51.4	77.0	
61	41.8	34.2	51.4	





#33

1,2-Dichloroethane-d4

Concen: 50.415 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 65 Resp: 452473

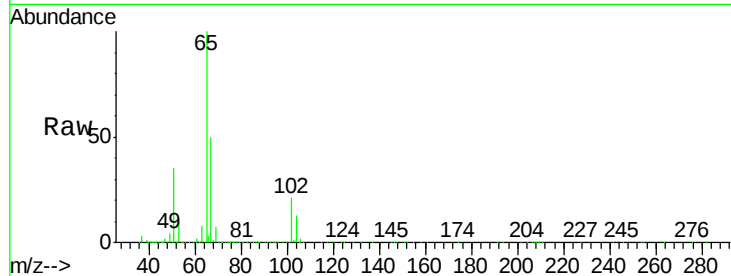
Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.8

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

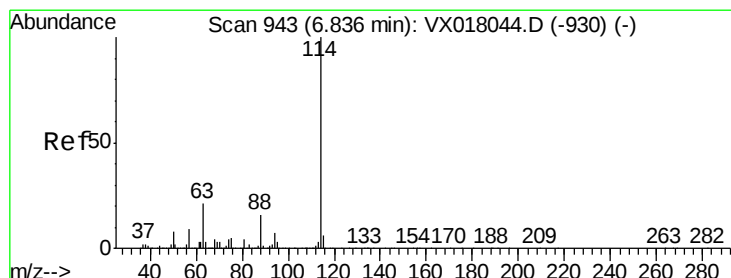
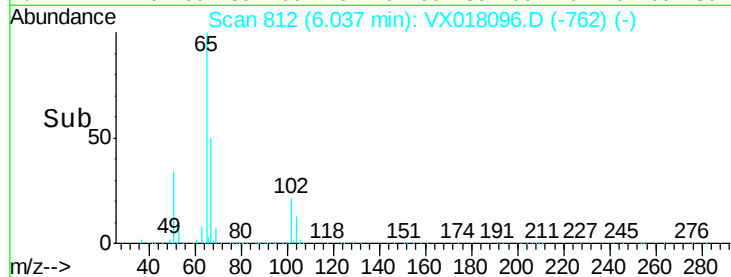
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

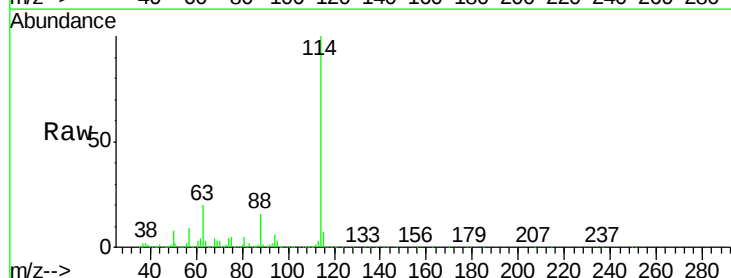
Tgt Ion: 114 Resp: 1028148

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.9 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

600000

500000

400000

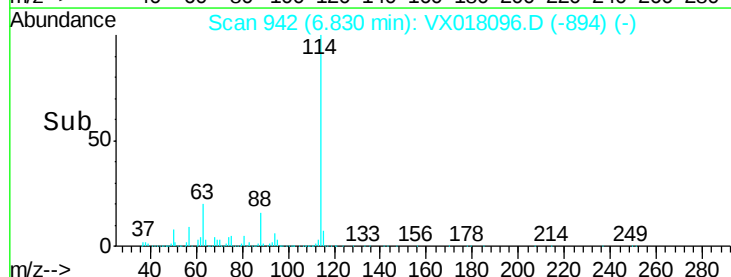
300000

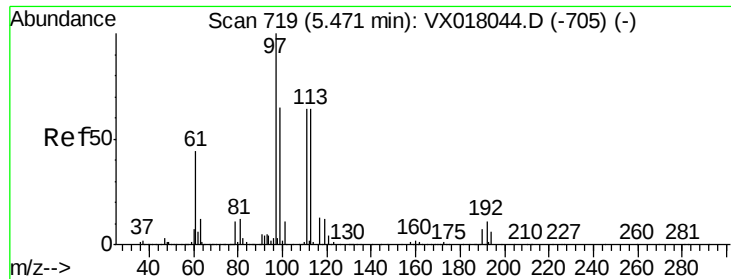
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.530 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

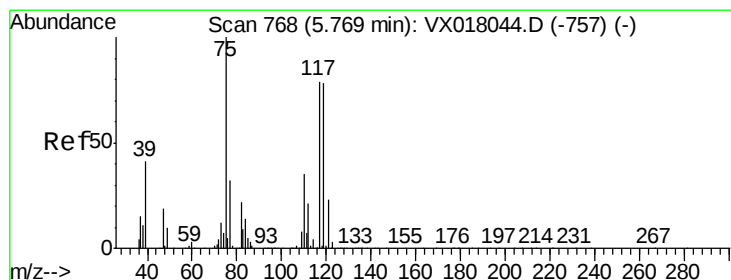
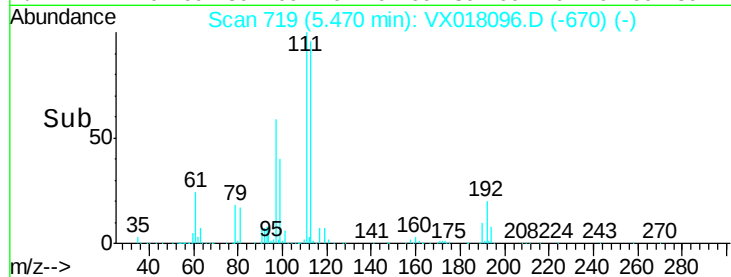
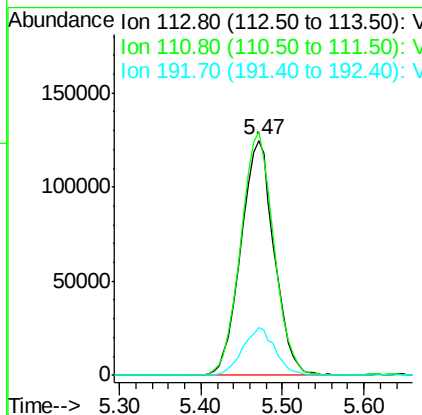
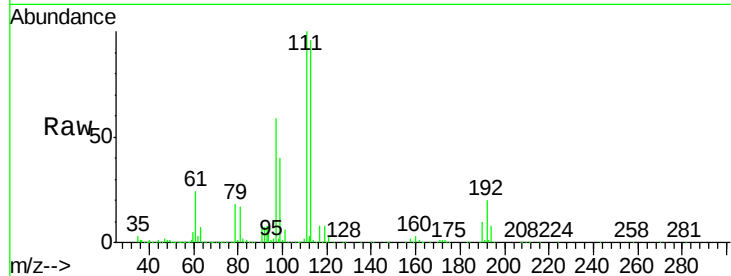
ClientSampleId :

VX0827WBSD01

Tot Ion:	113	Resp:	353823
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.6	122.4
192	20.0	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.805 ug/l

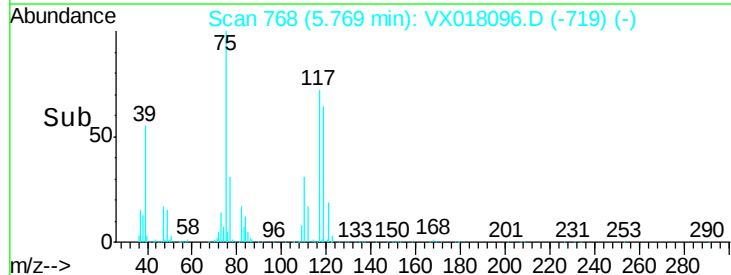
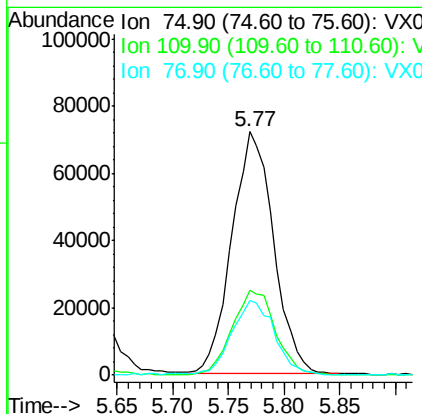
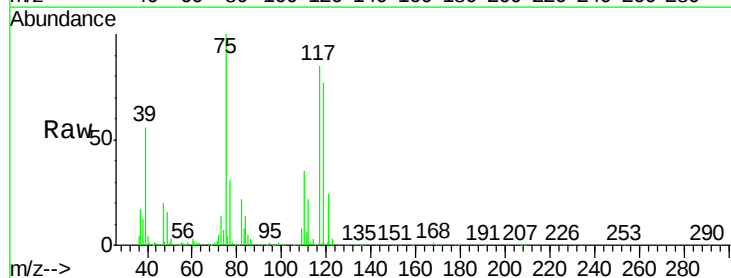
RT: 5.77 min Scan# 768

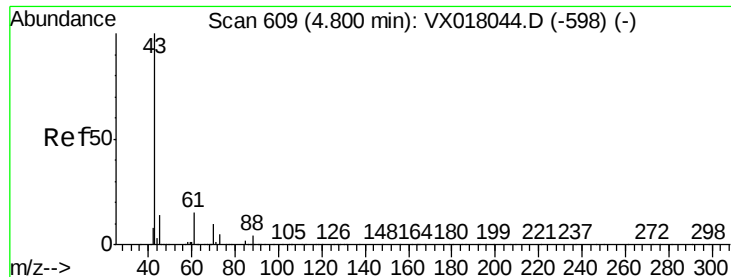
Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion:	75	Resp:	187813
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.0	54.0
77	30.8	24.4	36.6





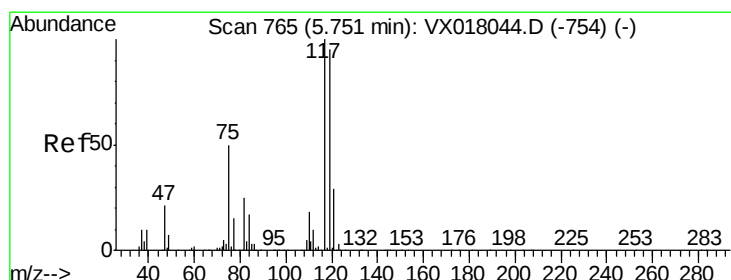
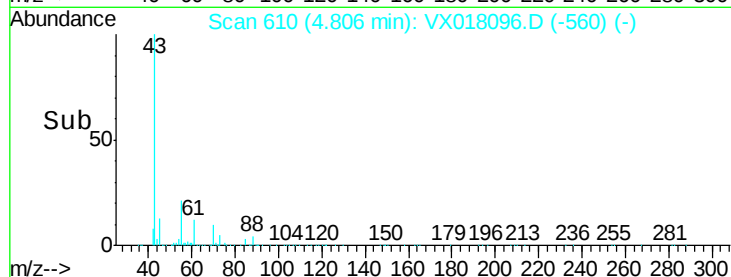
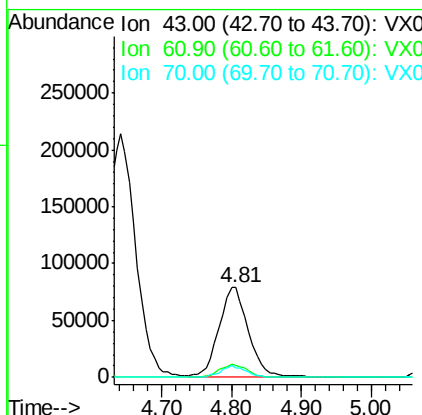
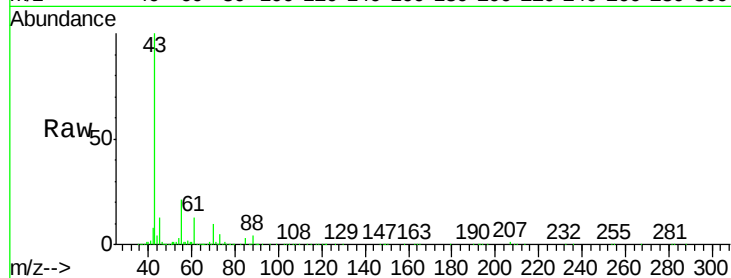
#37
Ethyl Acetate
Concen: 20.855 ug/l
RT: 4.81 min Scan# 610
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	43	Resp	229697
Ion Ratio	Lower	Upper	
43	100		
61	13.4	11.3	16.9
70	11.5	8.2	12.4

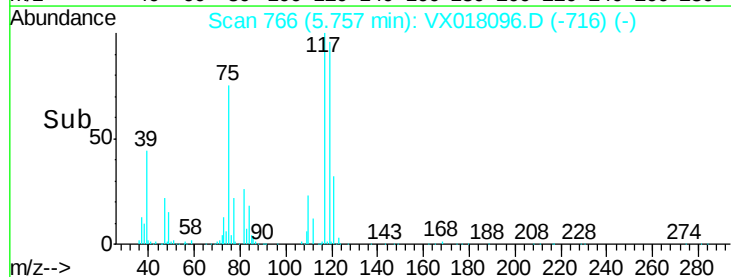
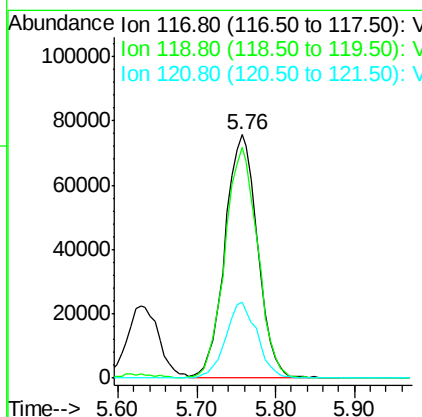
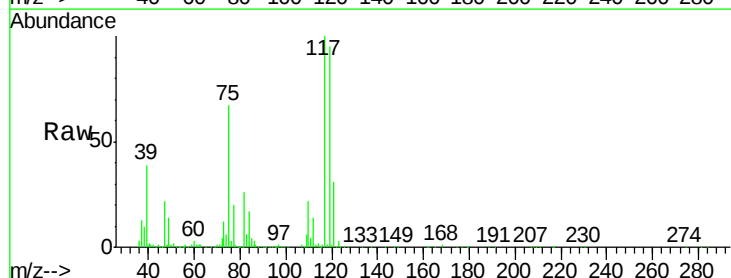
Manual Integrations
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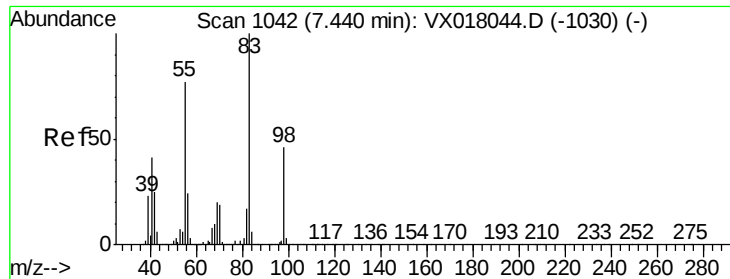
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#38
Carbon Tetrachloride
Concen: 20.268 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	117	Resp	216607
Ion Ratio	Lower	Upper	
117	100		
119	94.9	75.8	113.6
121	31.4	23.4	35.0





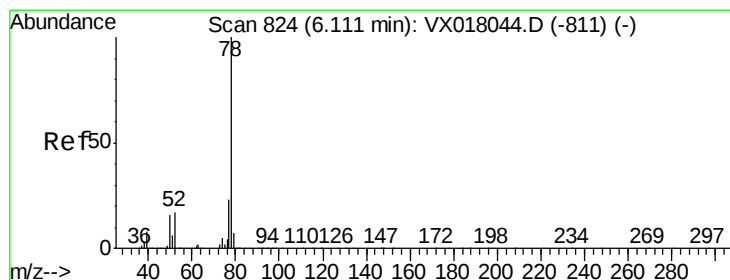
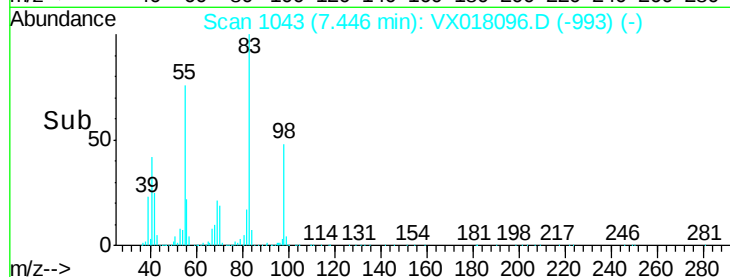
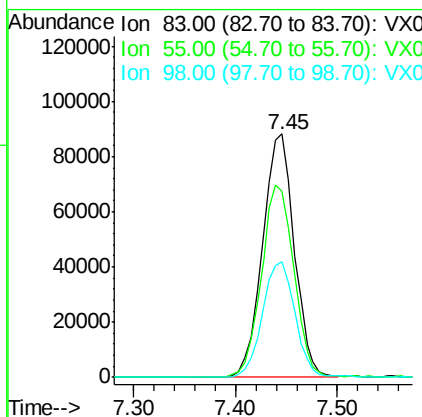
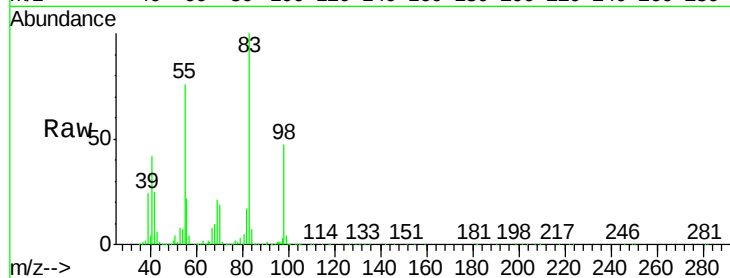
#39
Methvlcvclohexane
Concen: 18.337 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	190145		
55	76.2	61.8	92.6	
98	47.5	36.6	55.0	

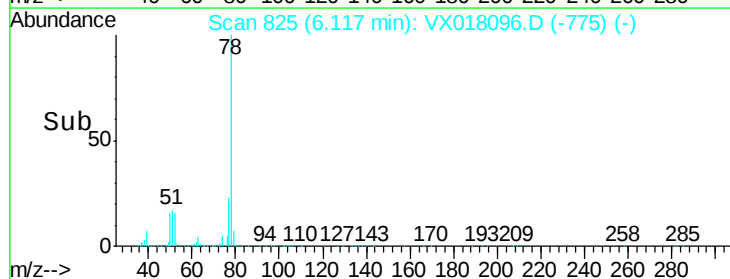
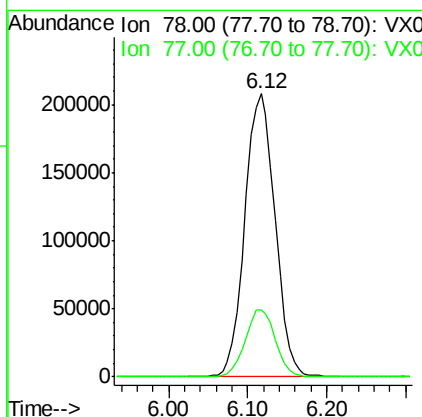
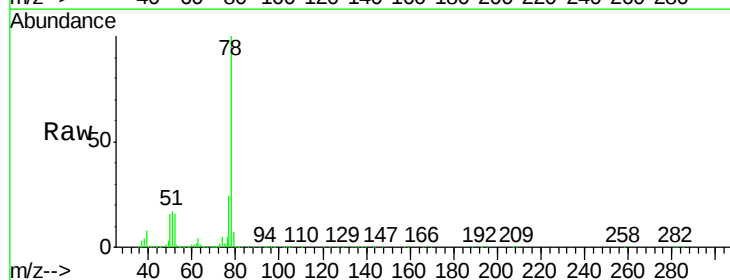
Manual Integrations
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#40
Benzene
Concen: 19.886 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	554122		
77	23.5	18.2	27.2	





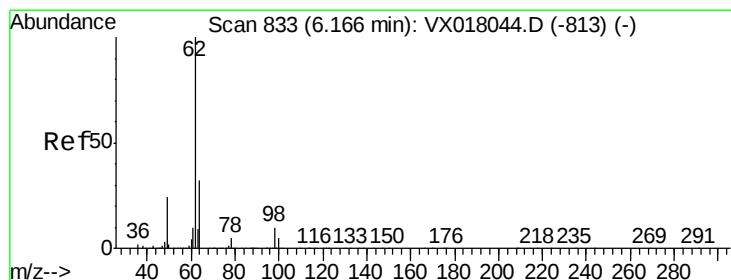
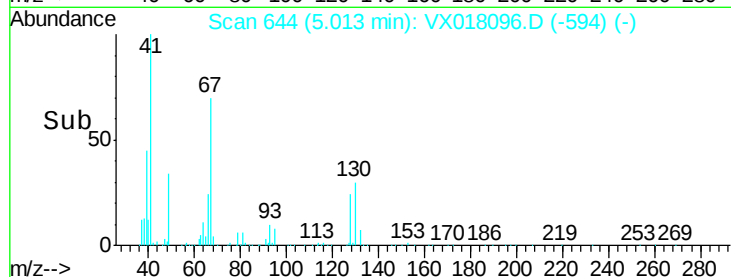
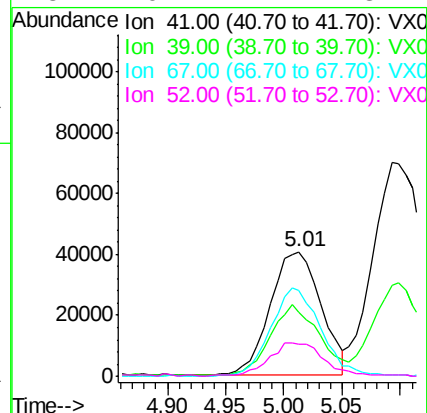
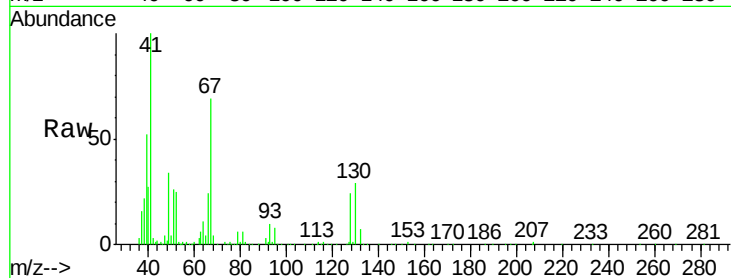
#41
Methacrylonitrile
Concen: 20.312 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		122837		
39	56.0	43.1	64.7		
67	70.8	56.0	84.0		
52	29.1	22.7	34.1		

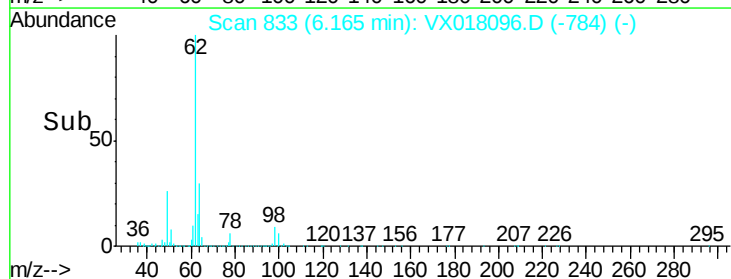
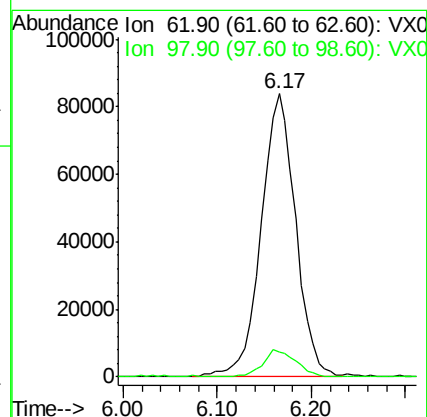
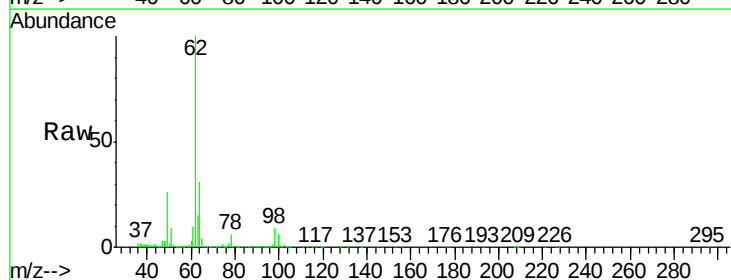
Manual Integrations
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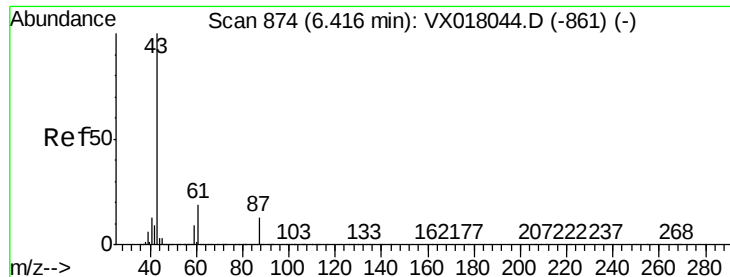
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#42
1,2-Dichloroethane
Concen: 19.947 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		212953		
98	9.4	0.0	18.2		





#43

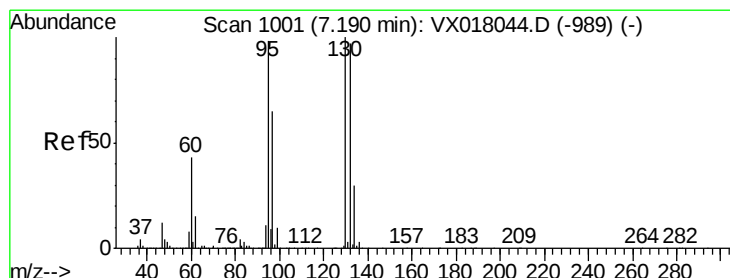
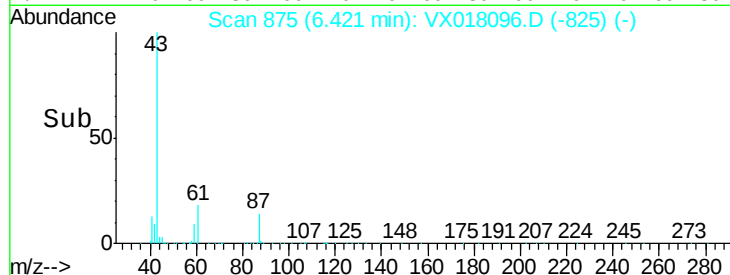
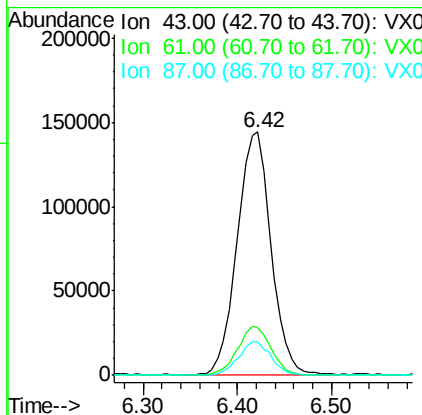
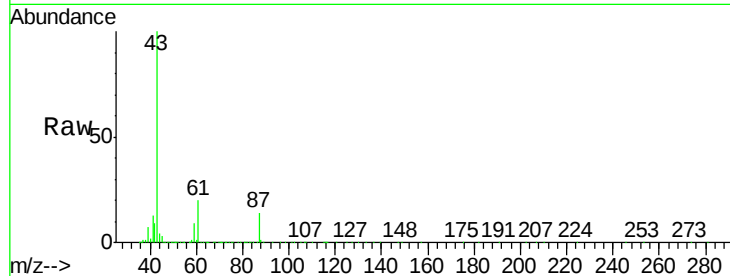
Isopropyl Acetate
 Concen: 20.325 ug/l
 RT: 6.42 min Scan# 875
 Delta R.T. 0.01 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	361566		
61	19.9		15.7	23.5
87	13.7		10.3	15.5

Manual Integrations
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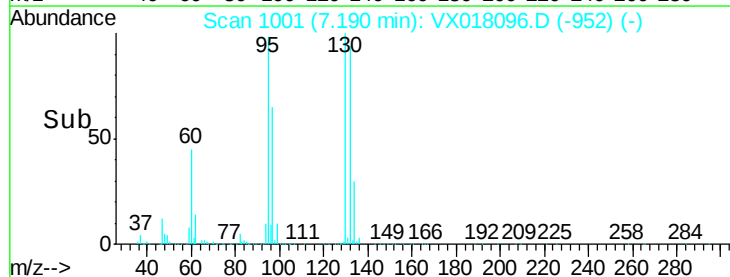
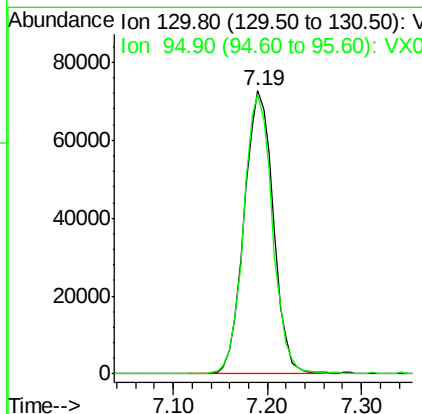
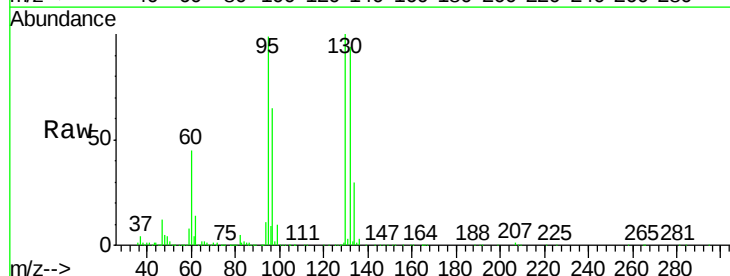
MMDadoda
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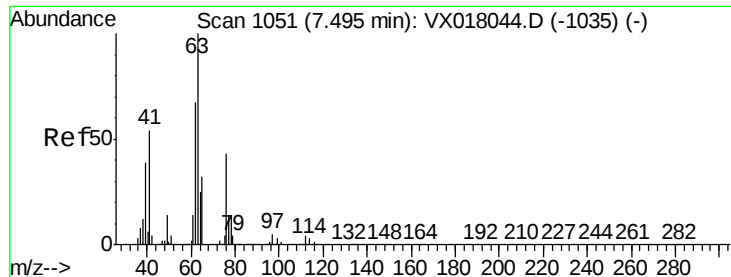


#44

Trichloroethene
 Concen: 20.091 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	158183		
95	98.5		0.0	196.4





#45

1,2-Dichloropropane

Concen: 20.282 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 63 Resp: 152318

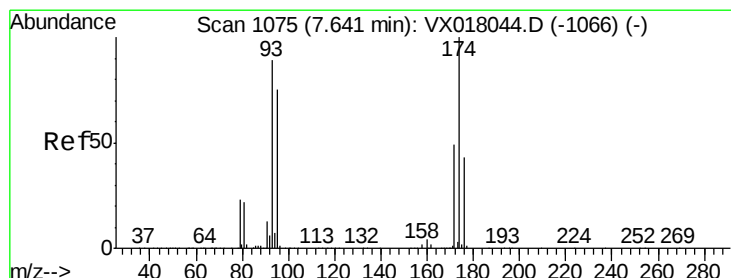
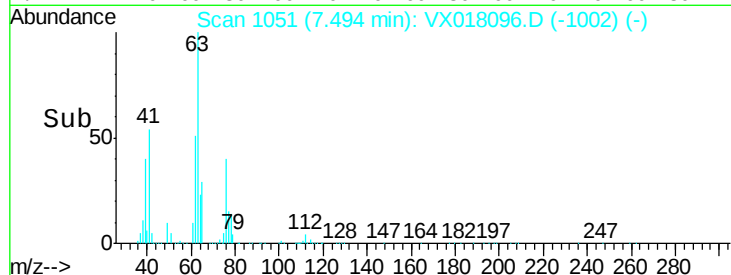
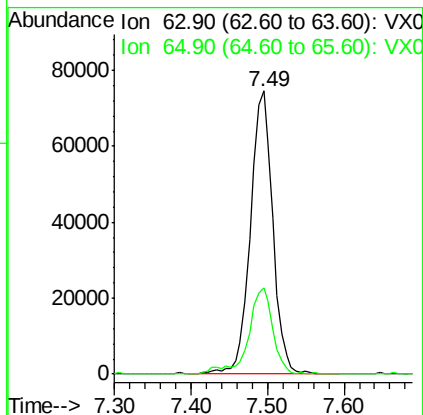
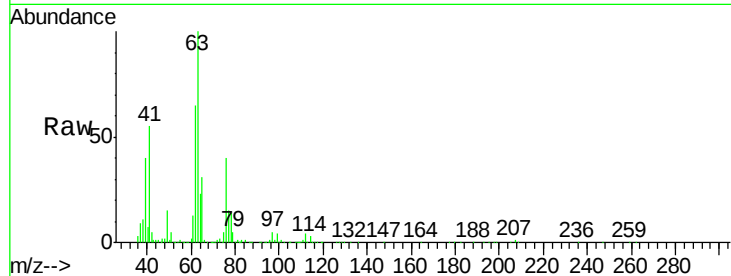
Ion Ratio Lower Upper

63 100

65 30.4 25.7 38.5

Manual Integrations
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8/28/2020 2:59:45 PM



#46

Dibromomethane

Concen: 19.908 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

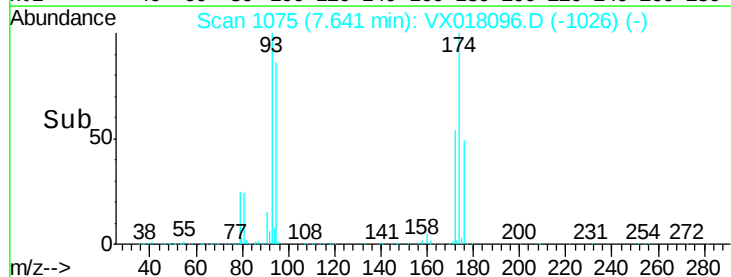
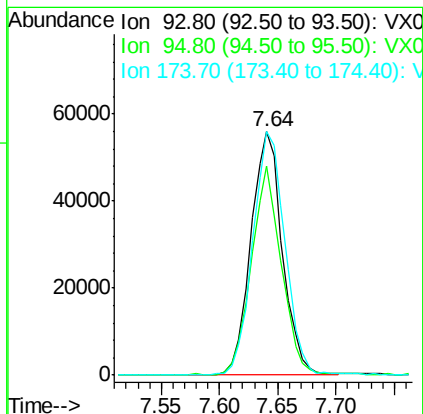
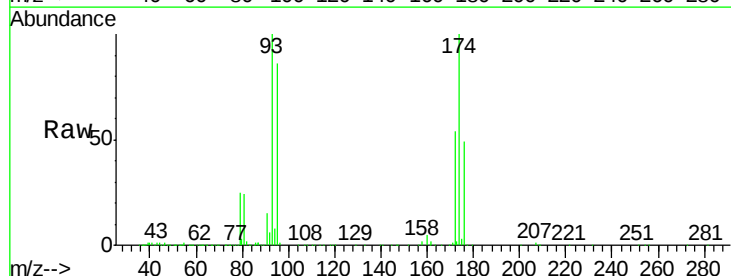
Tgt Ion: 93 Resp: 105139

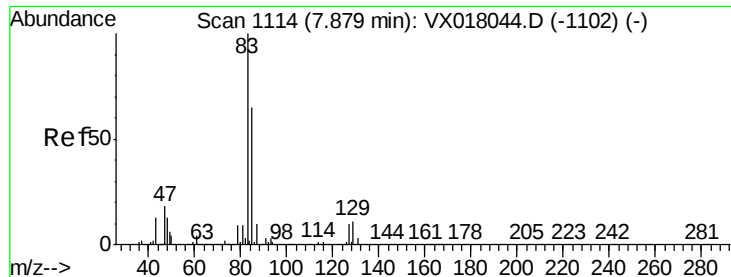
Ion Ratio Lower Upper

93 100

95 81.8 67.3 100.9

174 102.0 82.2 123.2





#47

Bromodichloromethane

Concen: 20.229 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

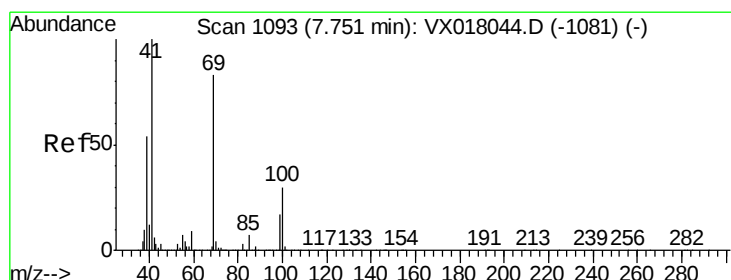
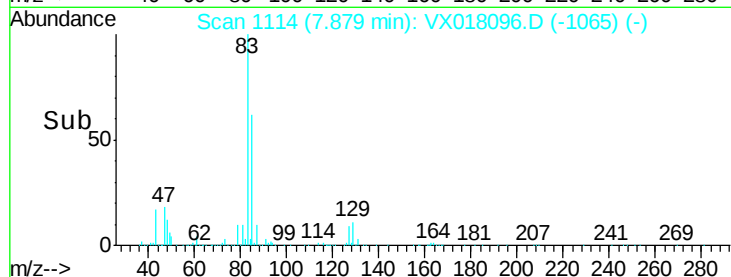
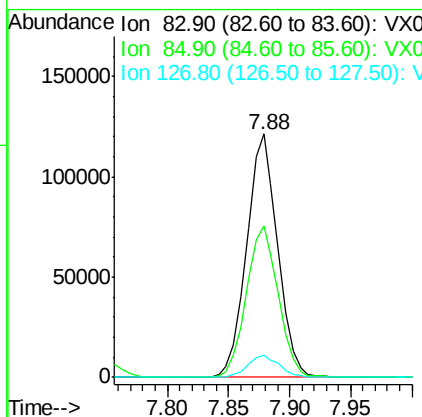
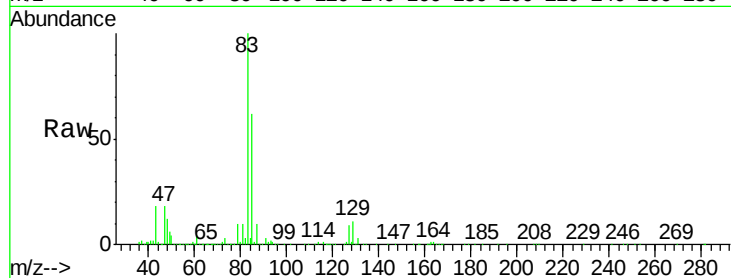
ClientSampleId :

VX0827WBSD01

Tot Ion:	83	Resp:	213316
Ion Ratio	Lower	Upper	
83	100		
85	62.1	51.8	77.6
127	9.2	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.536 ug/l

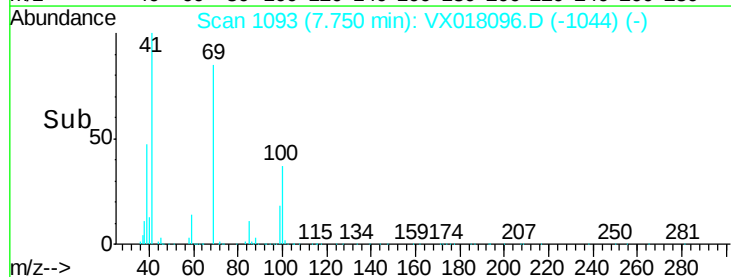
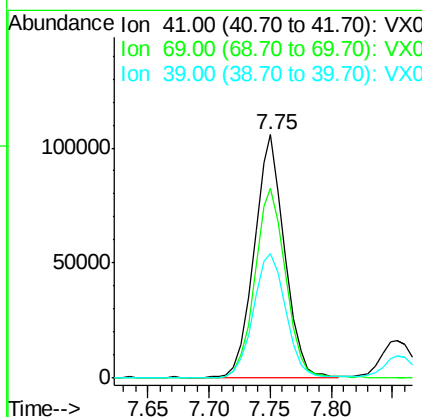
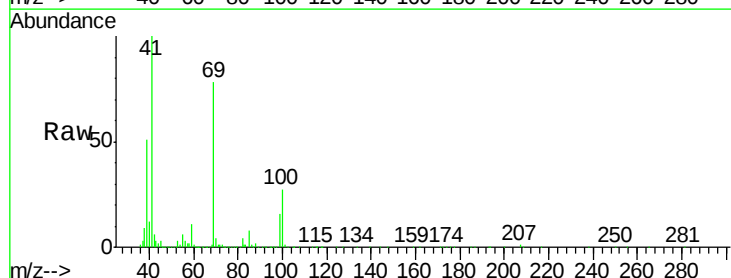
RT: 7.75 min Scan# 1093

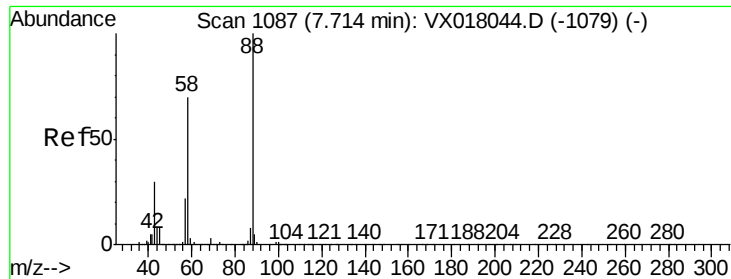
Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion:	41	Resp:	181863
Ion Ratio	Lower	Upper	
41	100		
69	80.0	65.5	98.3
39	55.1	44.5	66.7





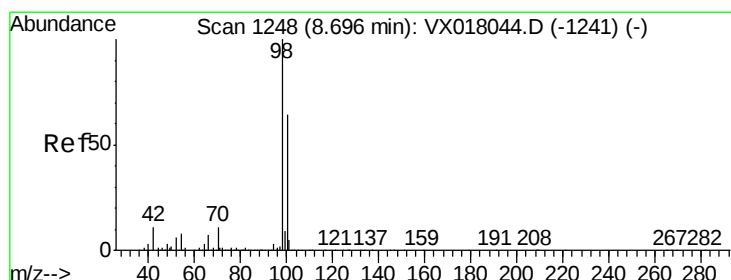
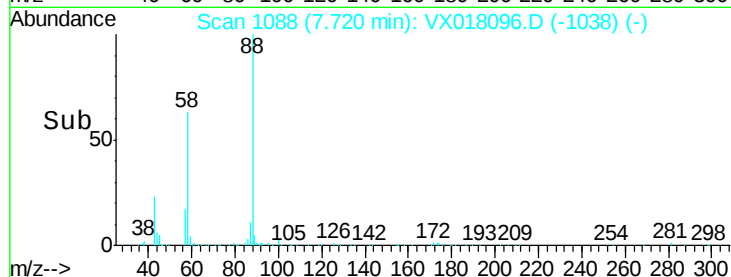
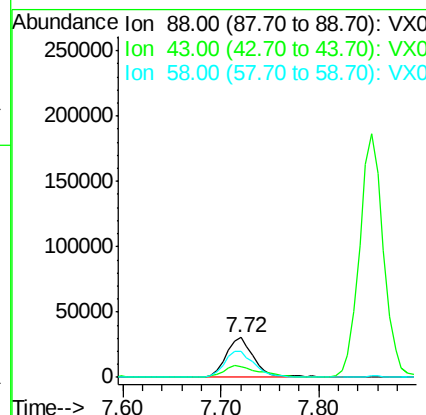
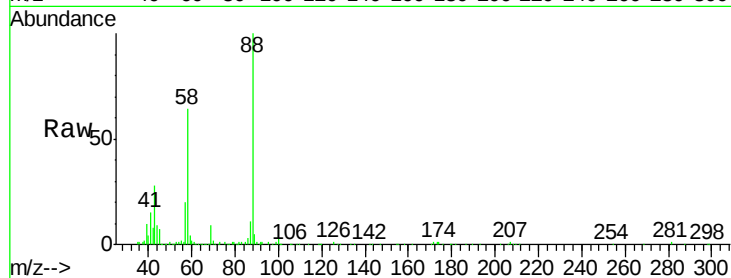
#49
1,4-Dioxane
Concen: 376.533 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.9	27.4	41.0
58	71.3	56.4	84.6

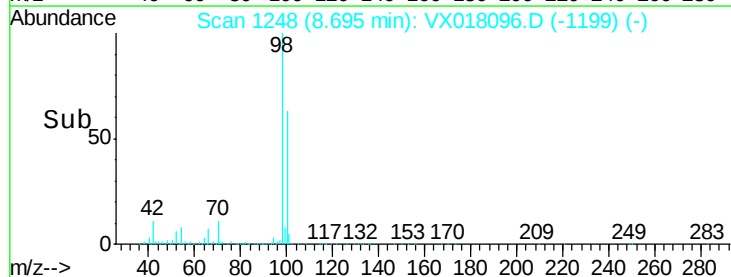
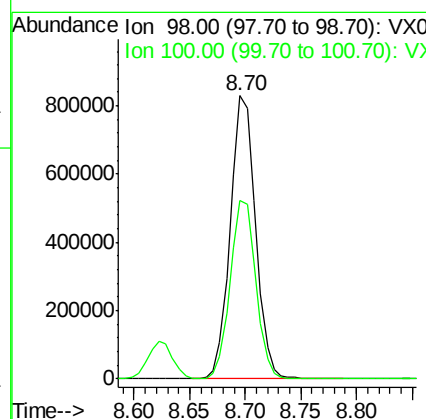
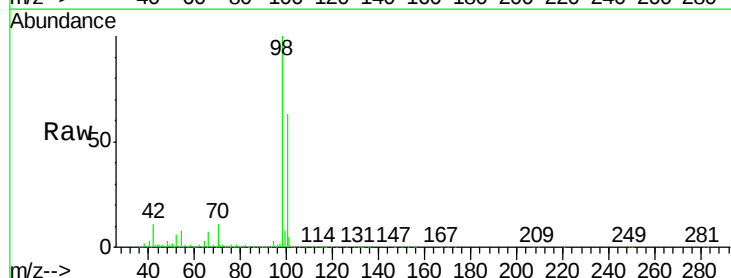
Manual Integrations
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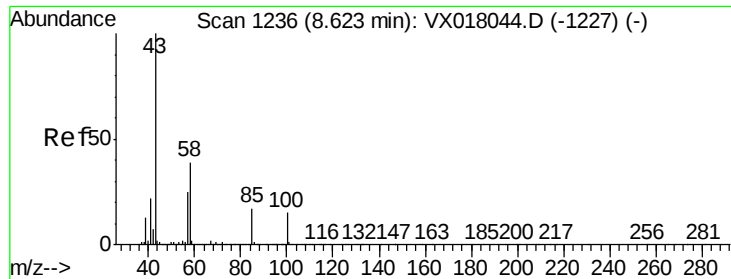
MMDadoda
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#50
Toluene-d8
Concen: 50.053 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.4





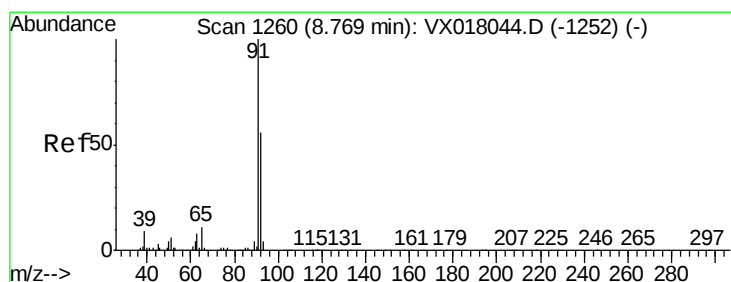
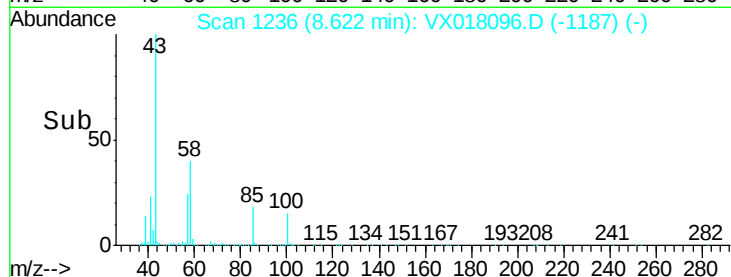
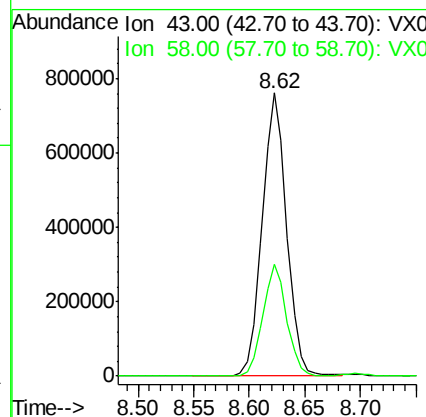
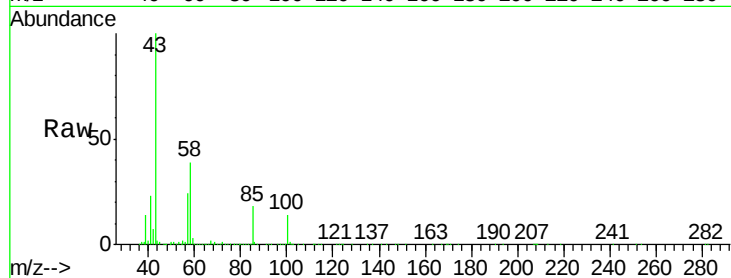
#51
4-Methyl-2-Pentanone
Concen: 105.836 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion: 43 Resp: 1163013
Ion Ratio Lower Upper
43 100
58 38.5 30.7 46.1

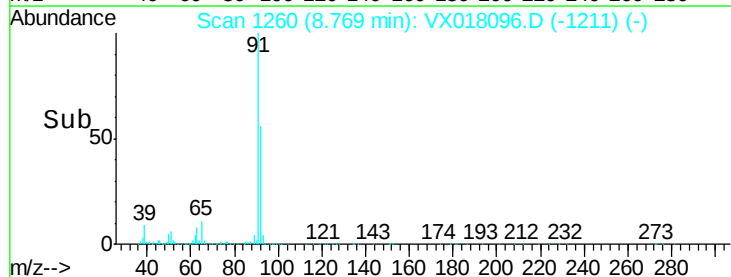
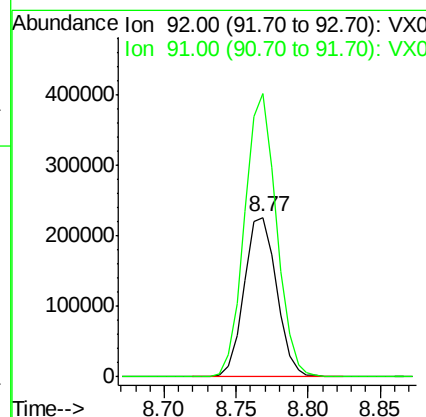
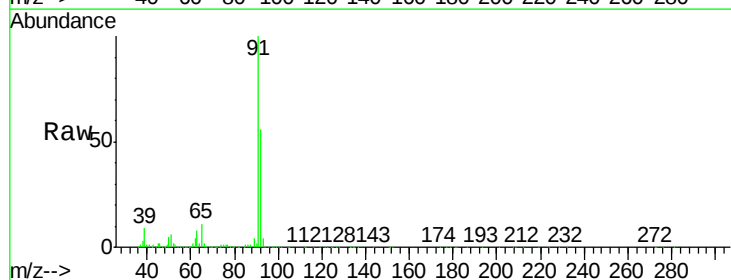
Manual Integrations
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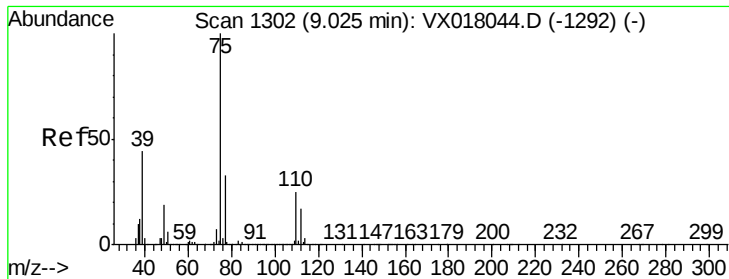
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#52
Toluene
Concen: 20.085 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion: 92 Resp: 354879
Ion Ratio Lower Upper
92 100
91 173.9 140.3 210.5





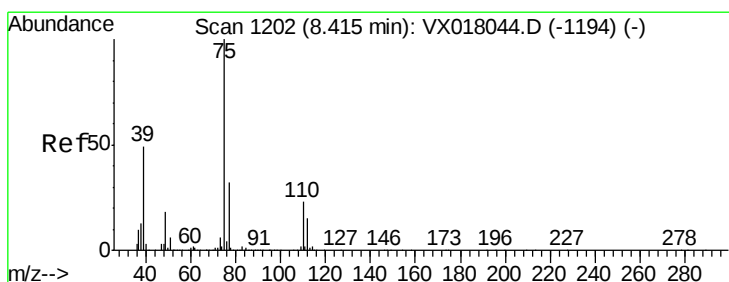
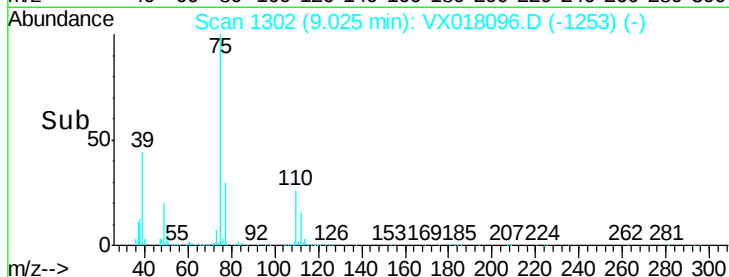
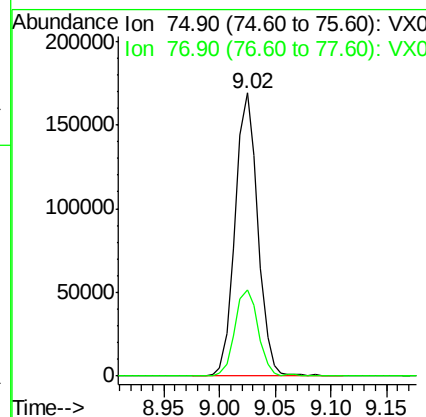
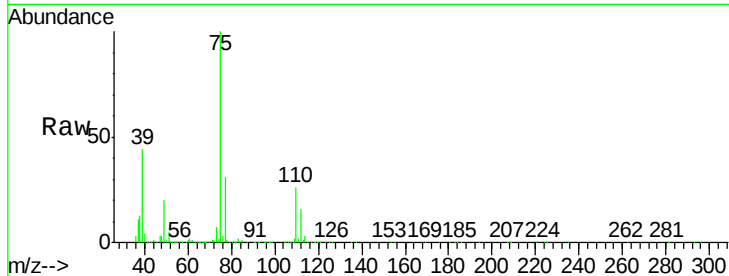
#53
t-1,3-Dichloropropene
Concen: 20.464 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.6	39.8

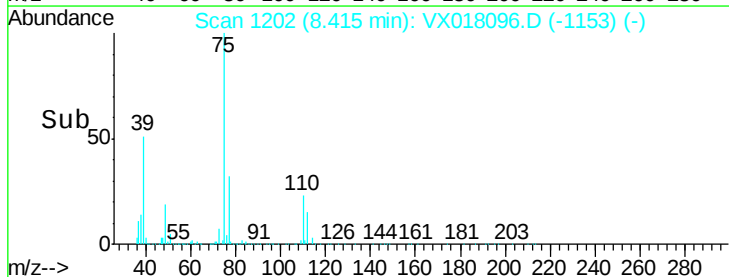
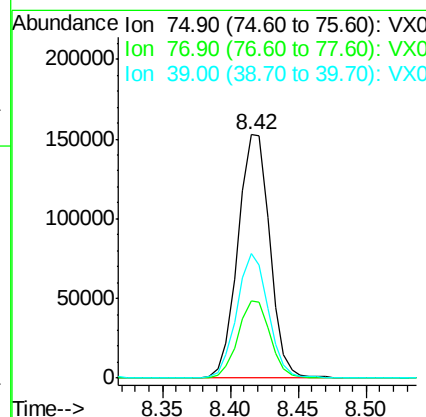
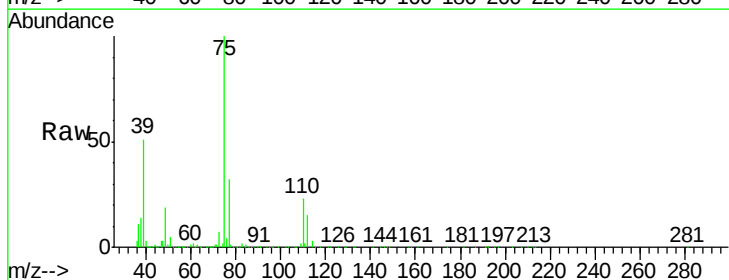
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 20.204 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.8
39	50.9	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 20.324 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

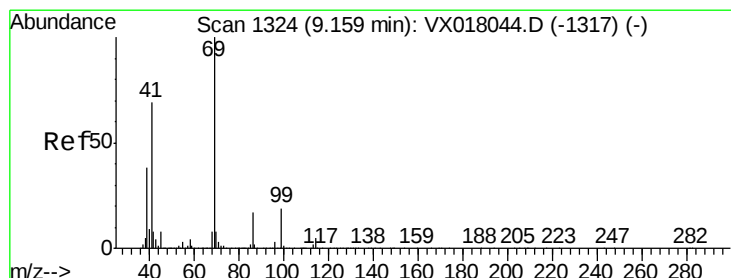
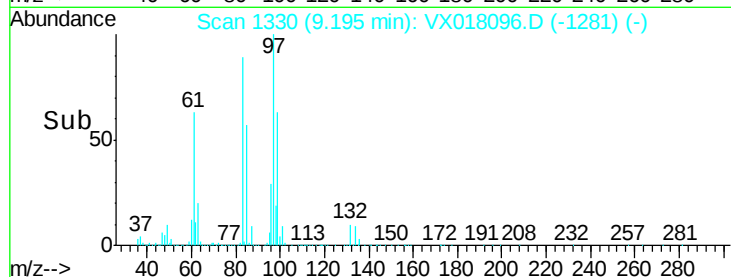
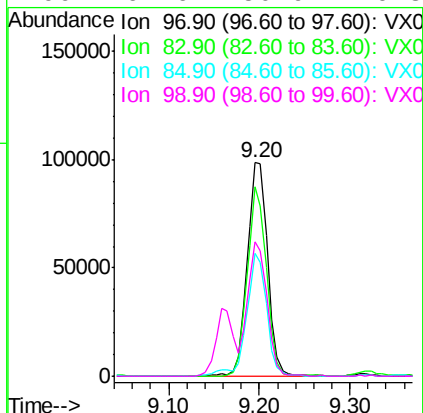
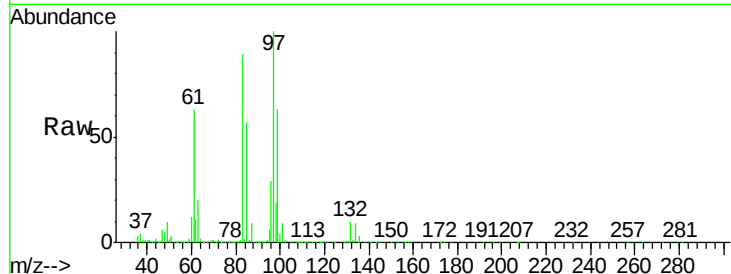
ClientSampleId :

VX0827WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		153158		
83	88.8	67.8	101.6		
85	57.3	45.3	67.9		
99	62.6	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 20.113 ug/l

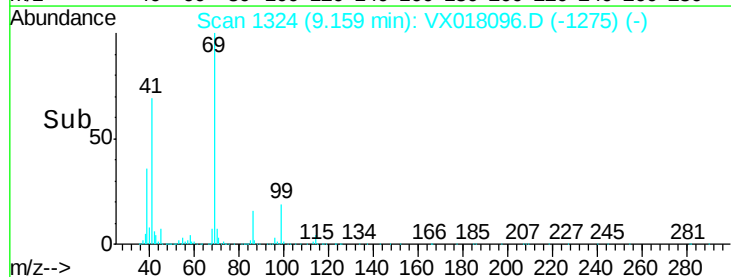
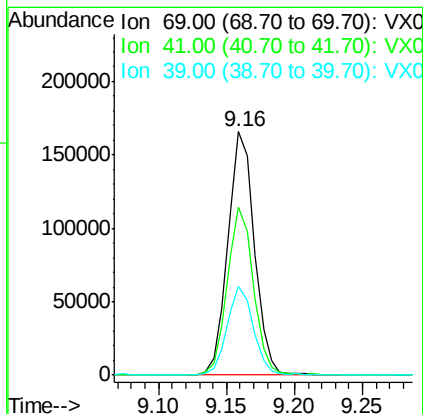
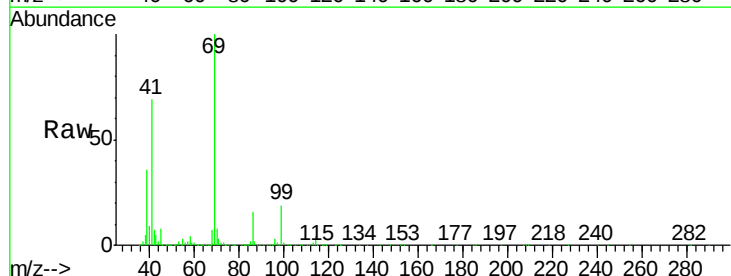
RT: 9.16 min Scan# 1324

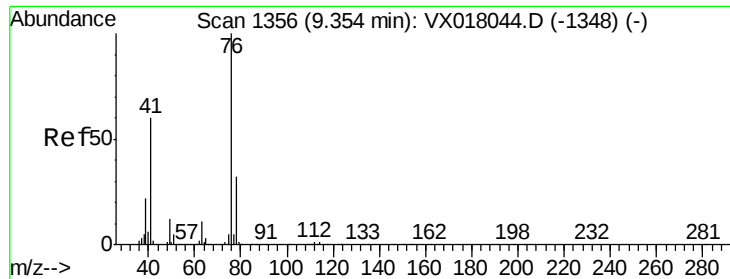
Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		225318		
41	67.5	54.6	81.8		
39	35.4	29.1	43.7		





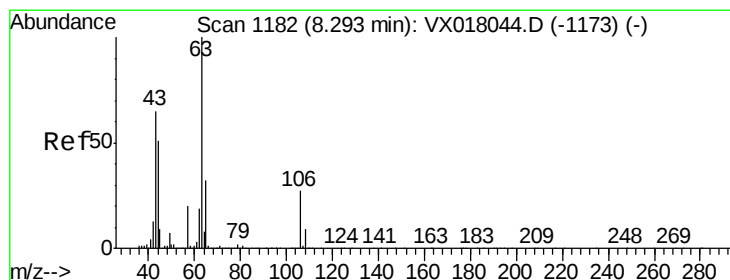
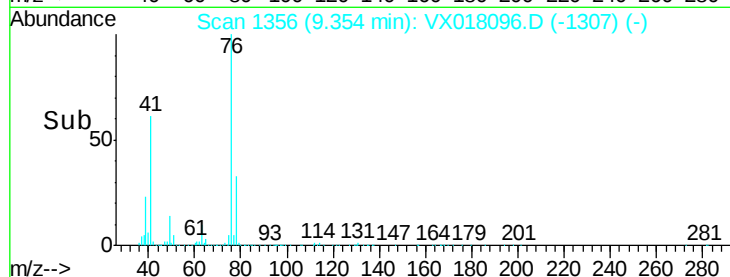
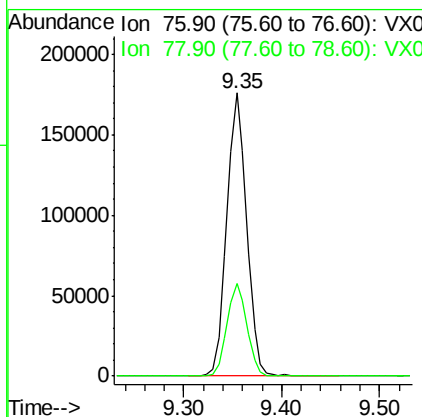
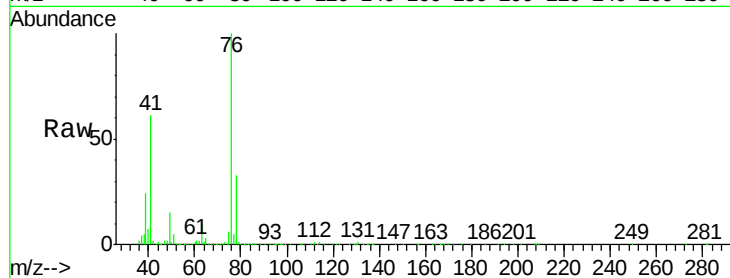
#57
 1,3-Dichloropropane
 Concen: 20.020 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.6

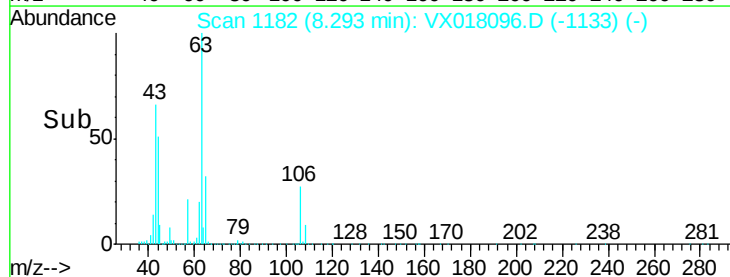
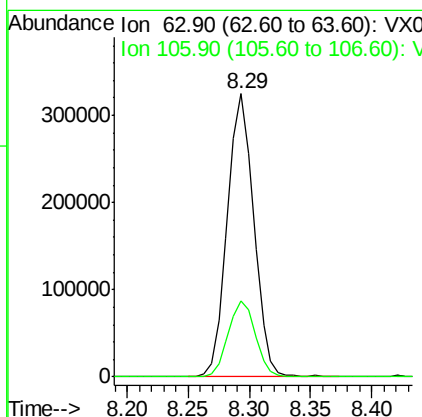
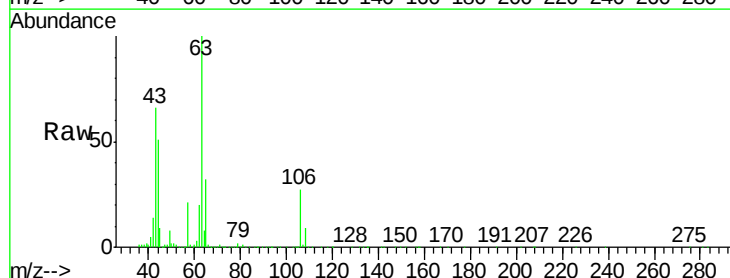
Manual Integrations
 APPROVED

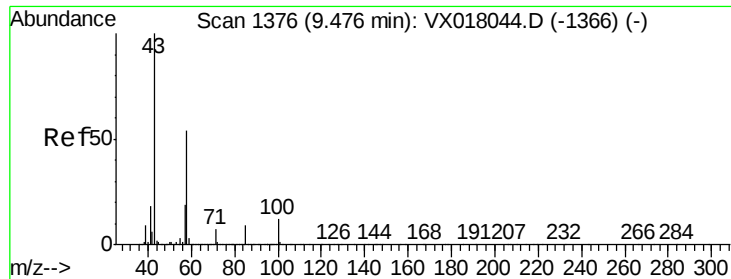
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 8/28/2020 2:59:45 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.782 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	22.1	33.1





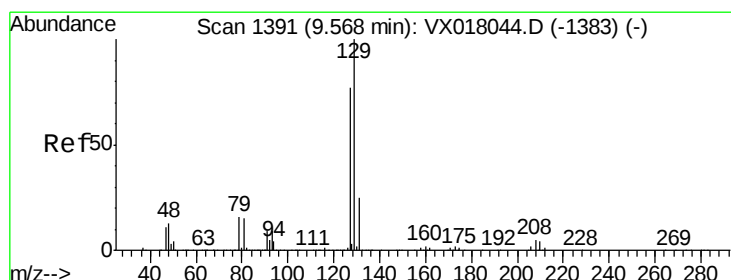
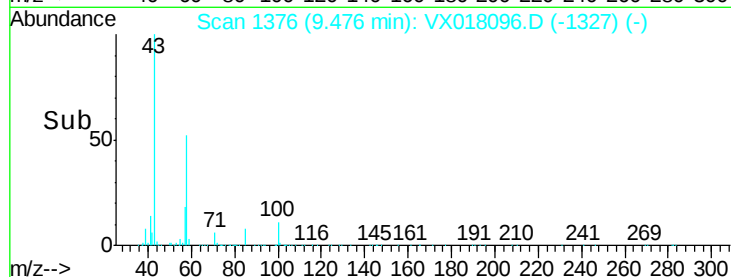
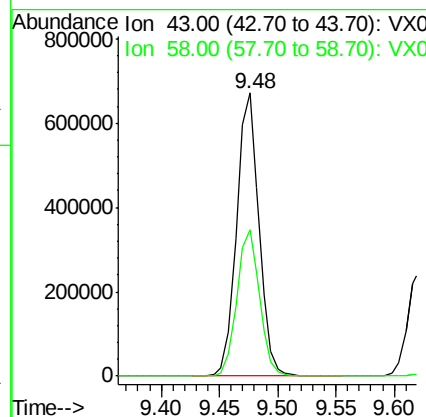
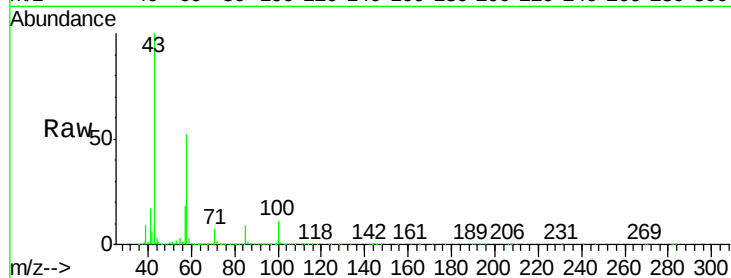
#59
2-Hexanone
Concen: 107.603 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion: 43 Resp: 899107
Ion Ratio Lower Upper
43 100
58 52.4 26.6 79.7

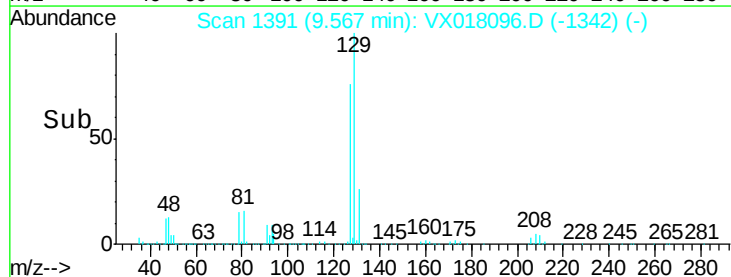
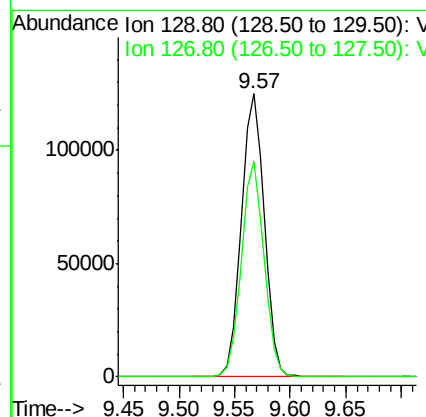
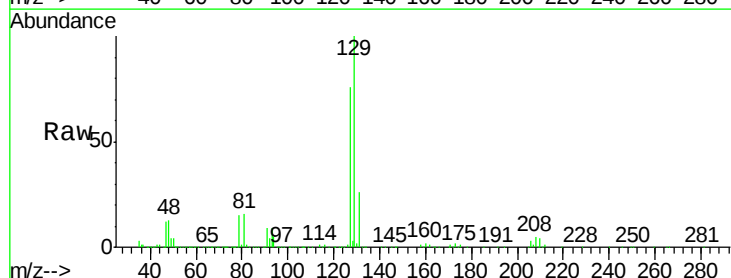
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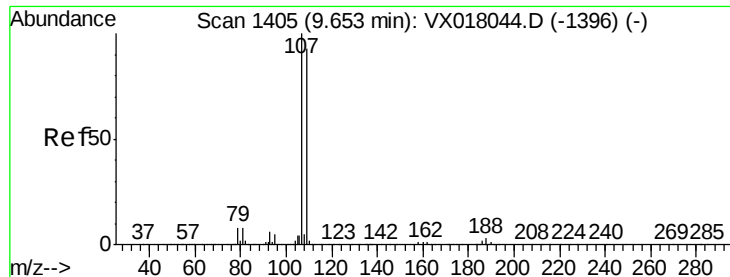
MMDadoda
8/28/2020 2:59:45 PM



#60
Dibromochloromethane
Concen: 20.222 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion: 129 Resp: 178767
Ion Ratio Lower Upper
129 100
127 75.4 38.9 116.6





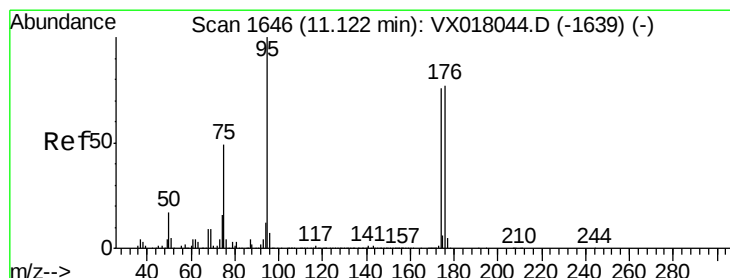
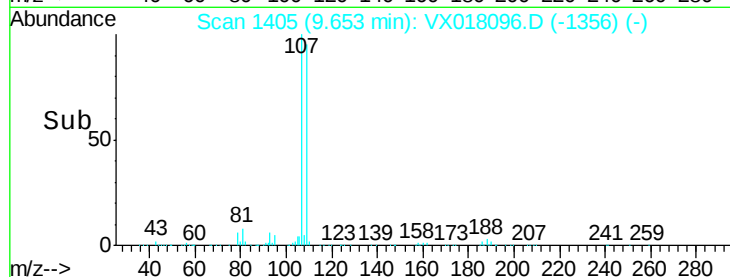
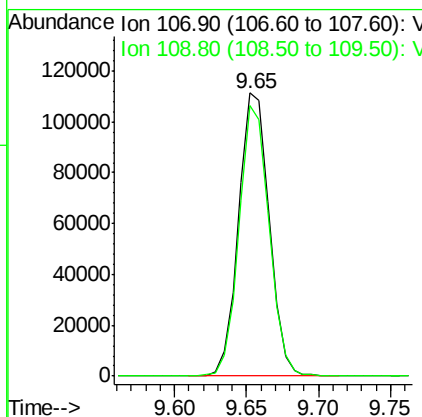
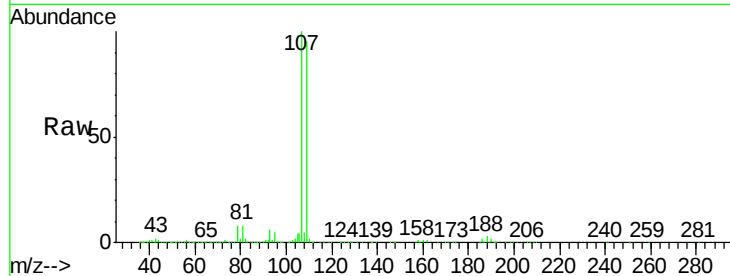
#61
 1,2-Dibromoethane
 Concen: 20.010 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.9	113.9

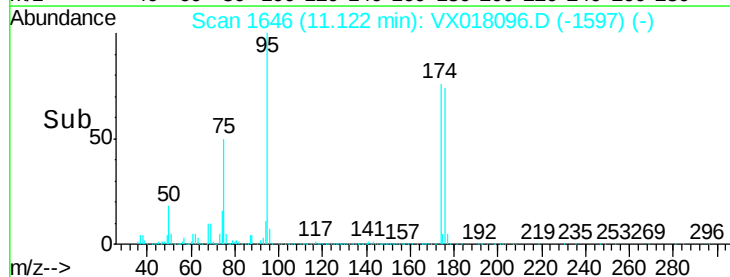
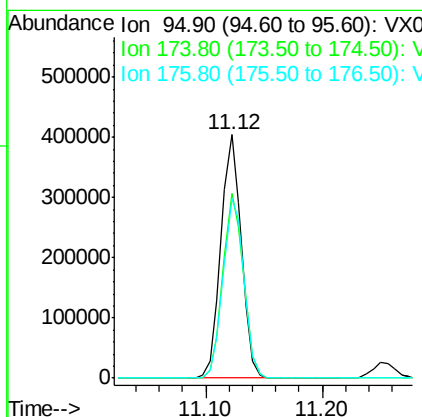
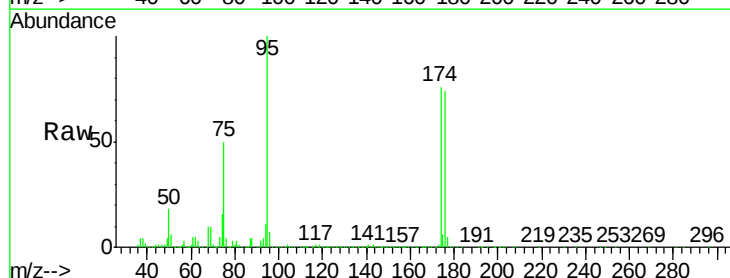
Manual Integrations
 APPROVED

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 8/28/2020 2:59:45 PM



#62
 4-Bromofluorobenzene
 Concen: 47.399 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	160.2
176	76.0	0.0	155.8





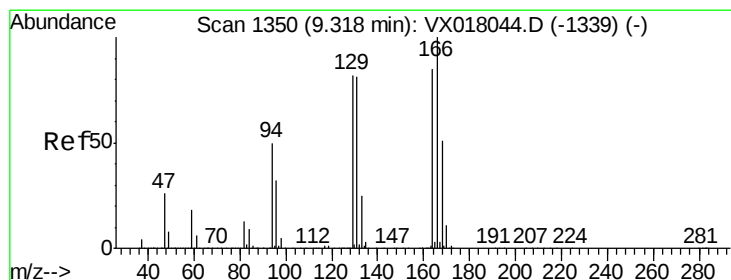
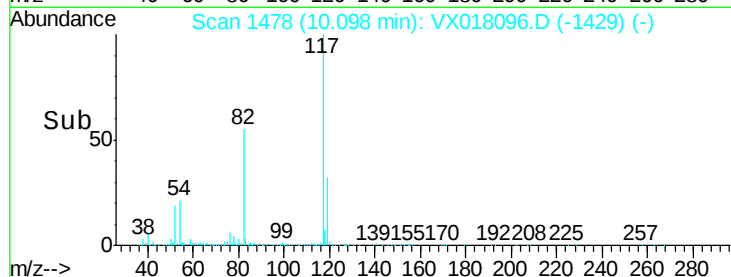
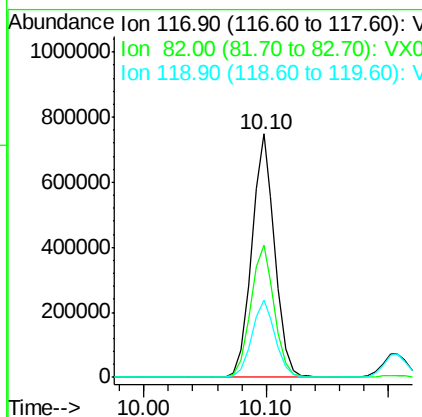
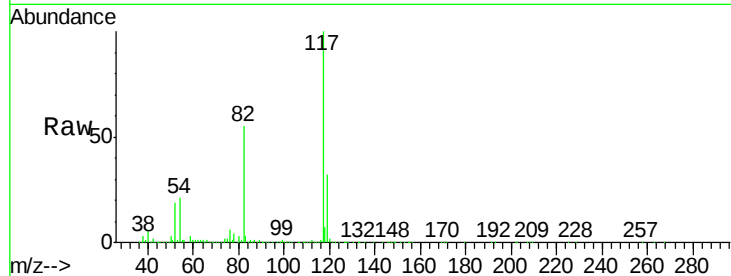
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.2	66.2
119	31.8	25.7	38.5

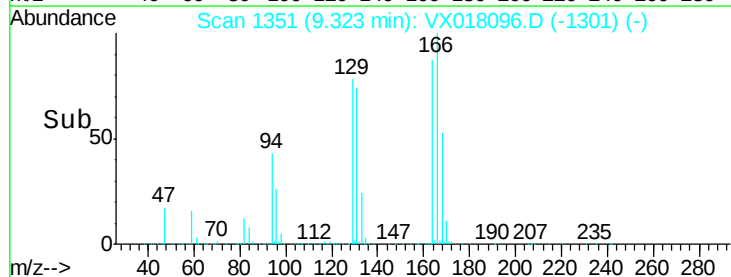
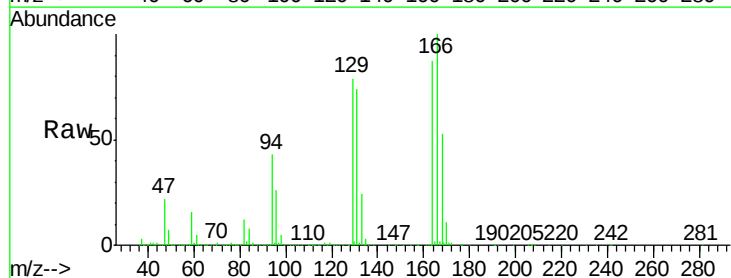
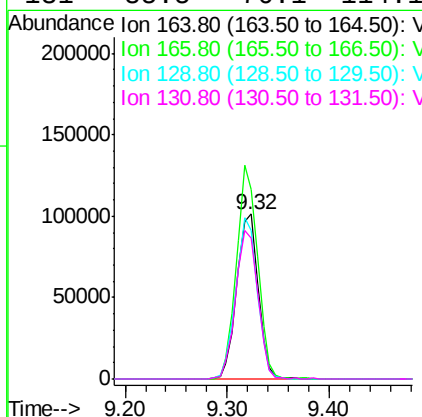
Manual Integrations
APPROVED

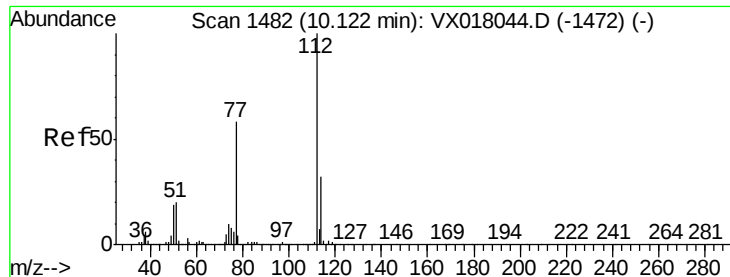
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#64
Tetrachloroethene
Concen: 20.518 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	114.9	94.2	141.2
129	90.2	76.9	115.3
131	85.5	76.1	114.1





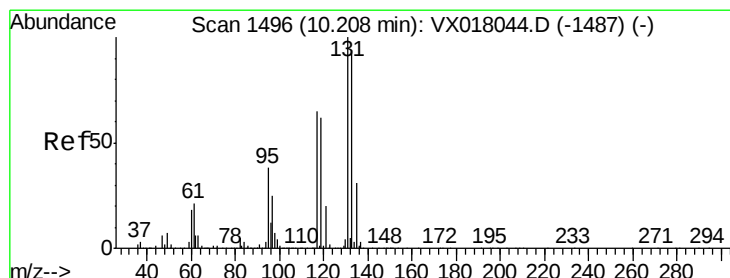
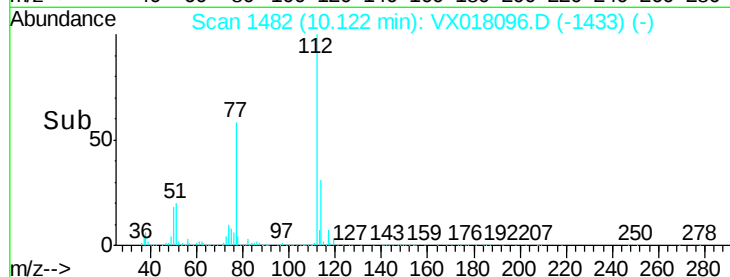
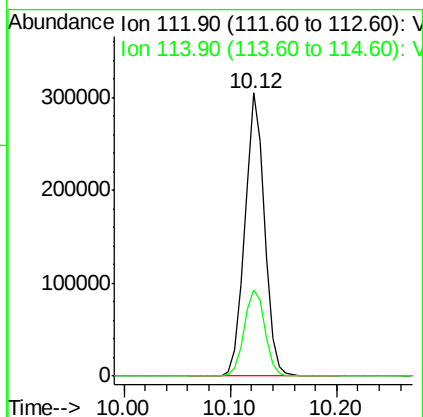
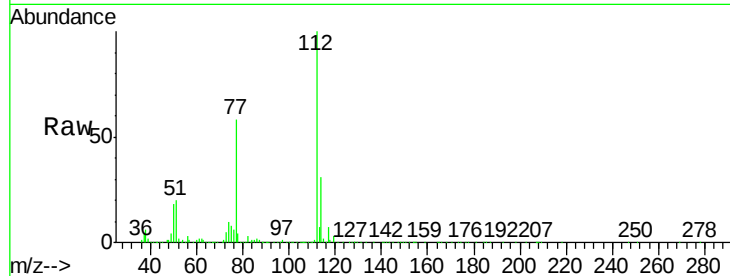
#65
Chlorobenzene
Concen: 20.316 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.6	25.7	38.5

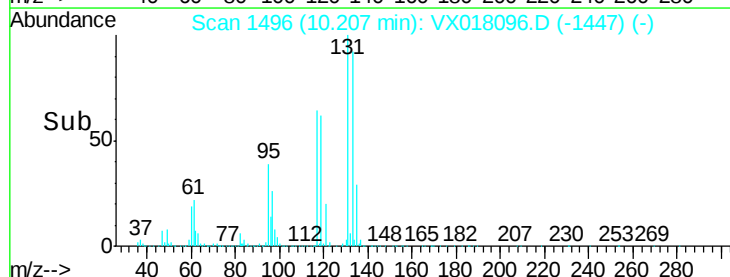
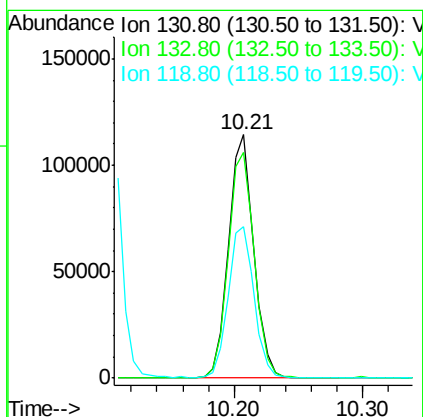
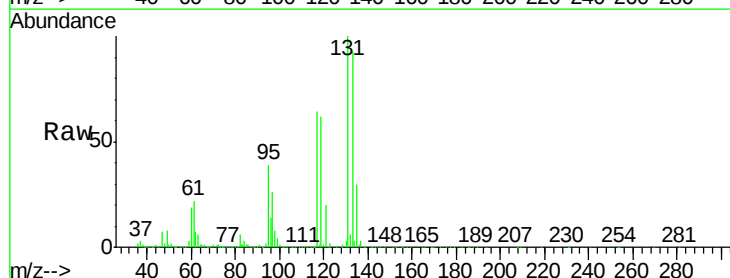
Manual Integrations
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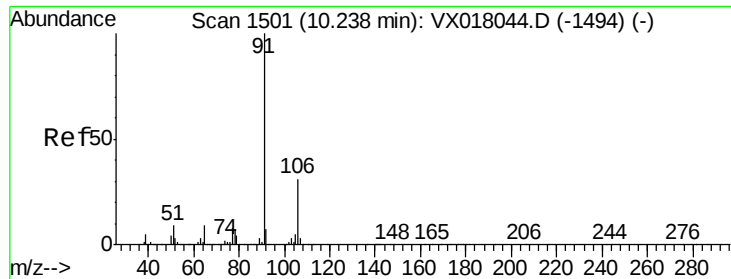
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.389 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	46.7	140.1
119	63.9	31.8	95.4





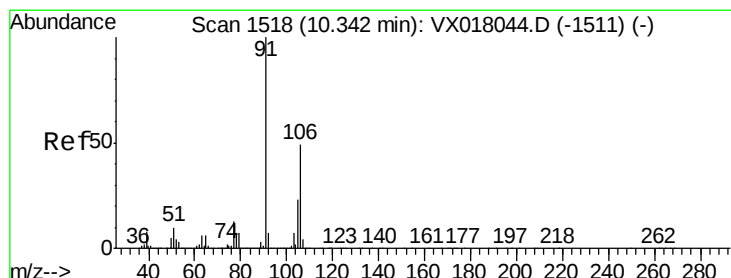
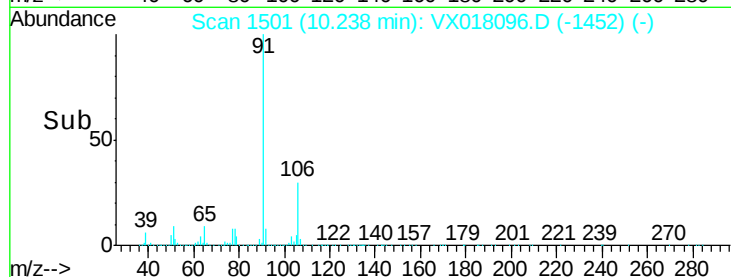
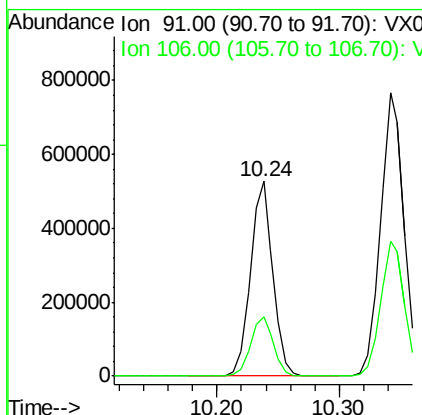
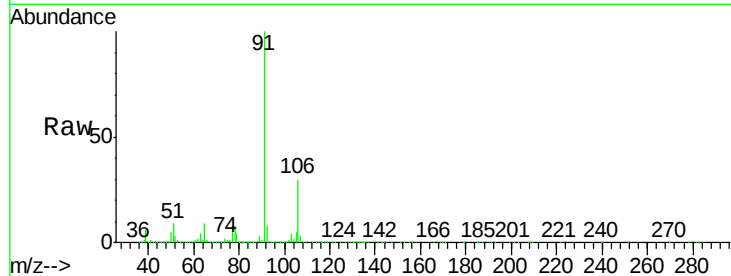
#67
Ethyl Benzene
Concen: 20.227 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion: 91 Resp: 669305
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

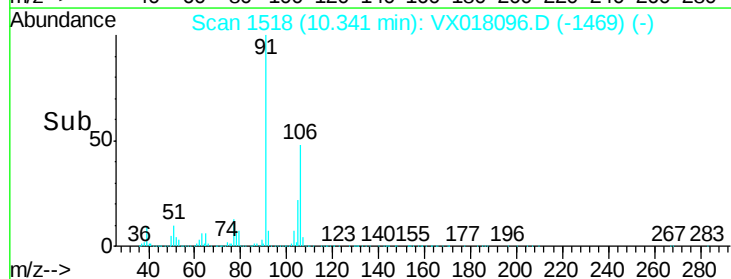
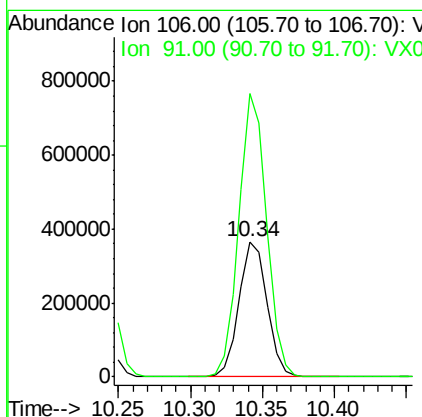
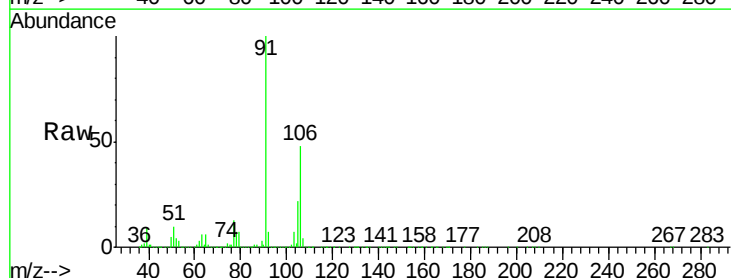
Manual Integrations
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#68
m/p-Xylenes
Concen: 40.047 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion: 106 Resp: 494590
Ion Ratio Lower Upper
106 100
91 207.1 162.2 243.2





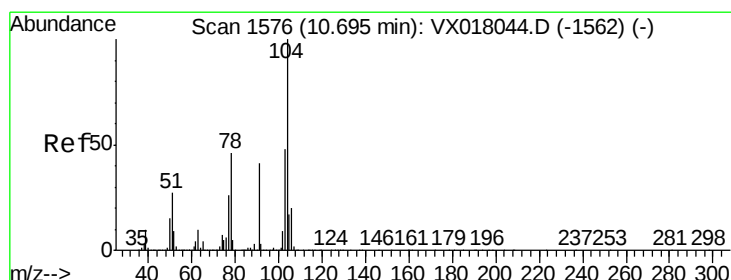
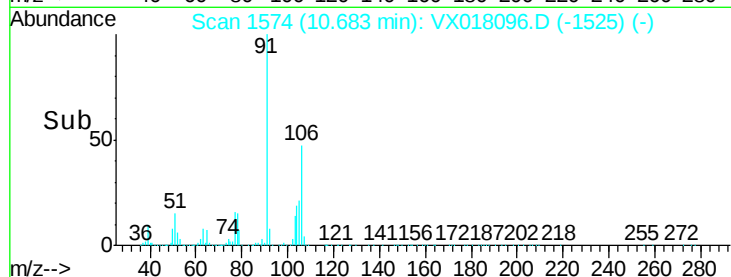
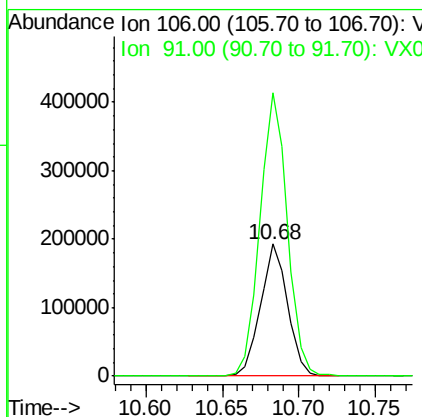
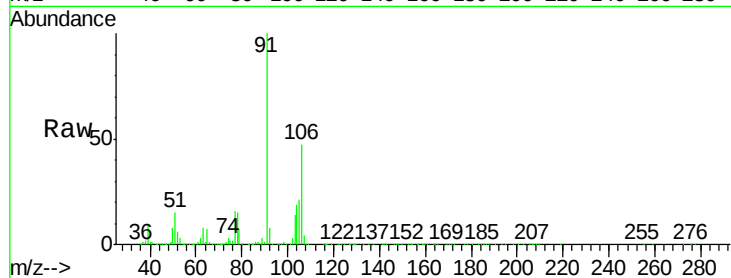
#69
o-Xylene
Concen: 19.933 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.0	107.1	321.3

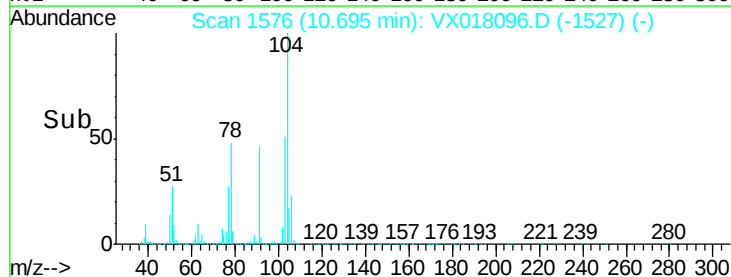
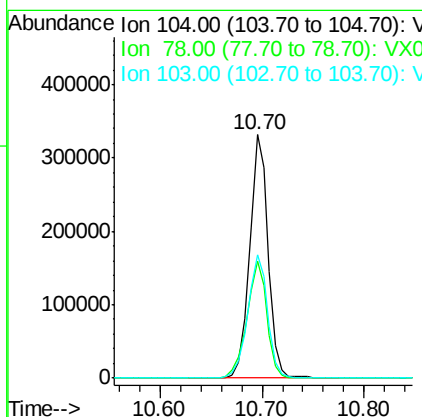
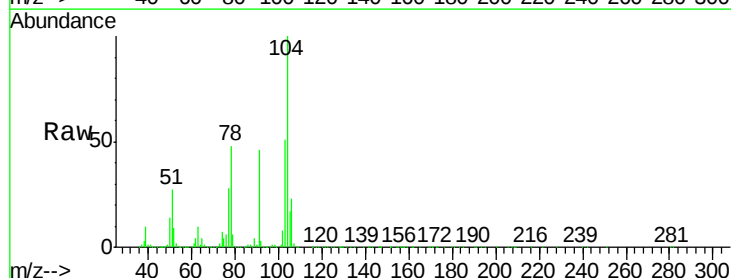
Manual Integrations
APPROVED

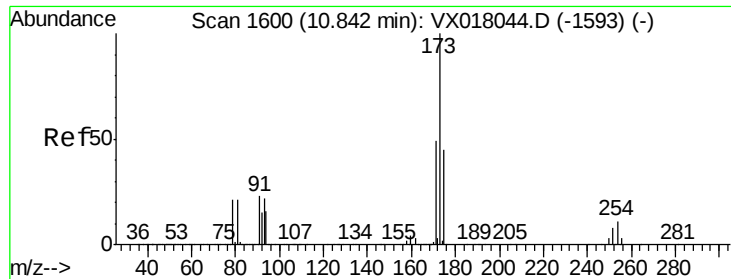
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8/28/2020 2:59:45 PM



#70
Styrene
Concen: 20.446 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.7	40.9	61.3
103	55.1	43.6	65.4





#71

Bromoform

Concen: 19.701 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

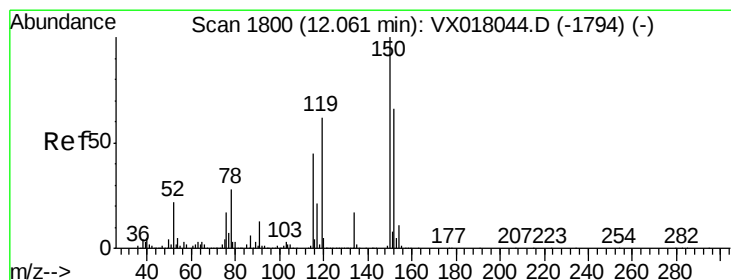
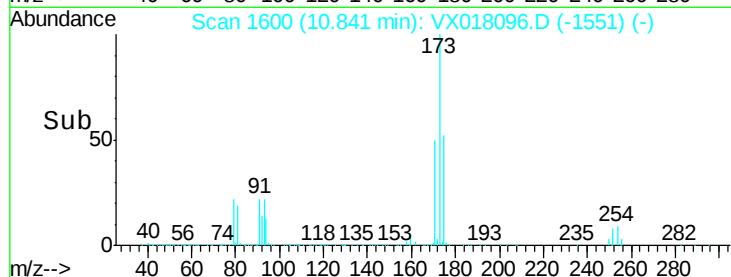
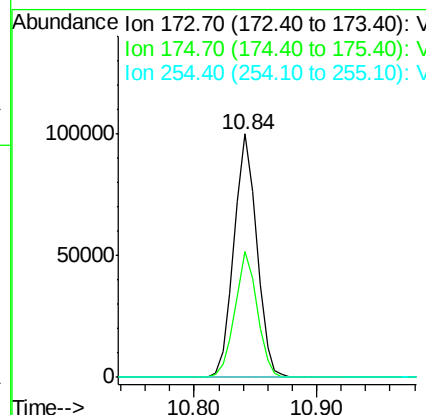
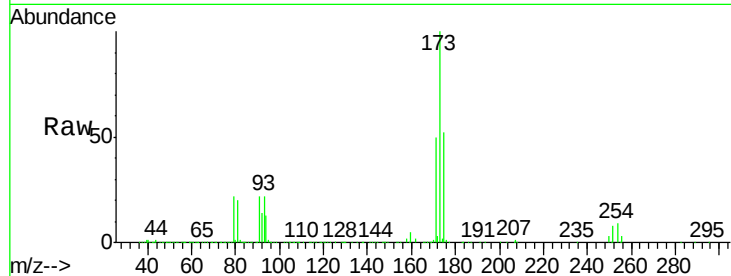
ClientSampleId :

VX0827WBSD01

Tot Ion:	173	Resp:	128871
Ion Ratio	Lower	Upper	
173	100		
175	50.6	23.9	71.8
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

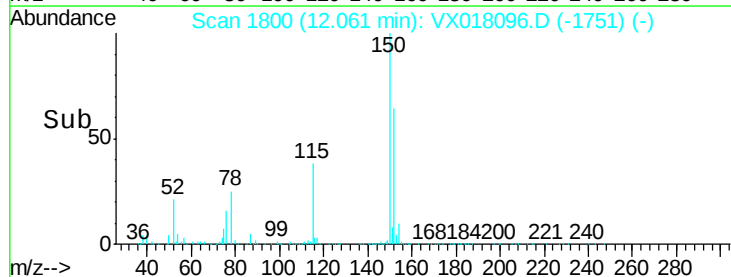
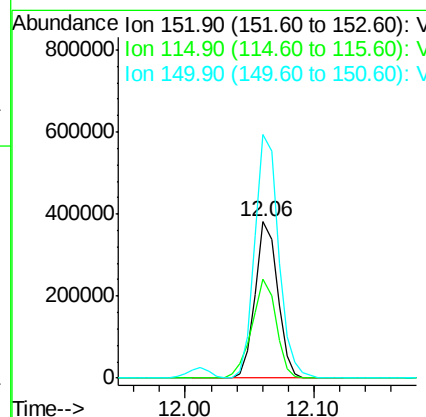
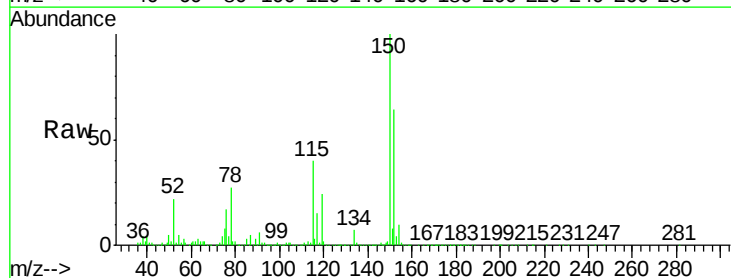
RT: 12.06 min Scan# 1800

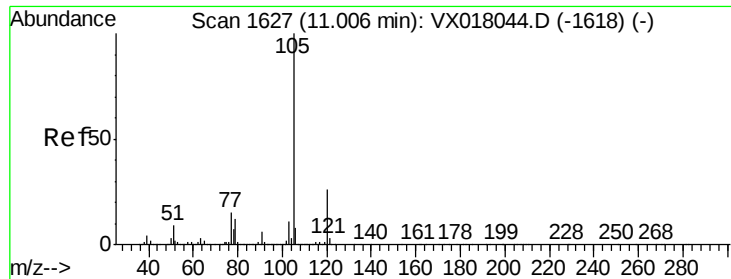
Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion:	152	Resp:	455487
Ion Ratio	Lower	Upper	
152	100		
115	68.2	41.5	124.5
150	164.8	0.0	343.8





#73

Isopropylbenzene

Concen: 21.104 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 105 Resp: 634049

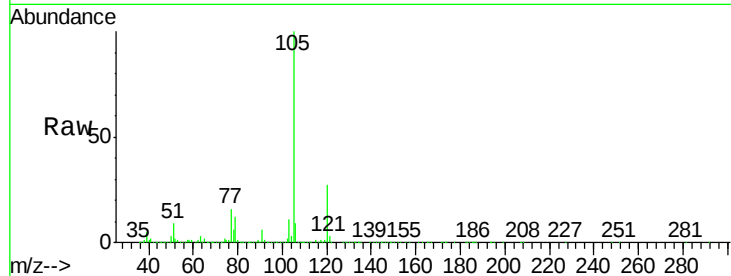
Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.5

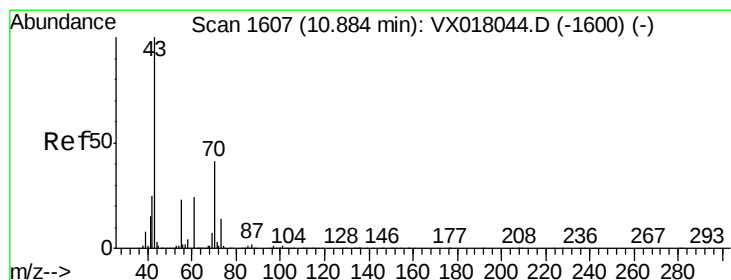
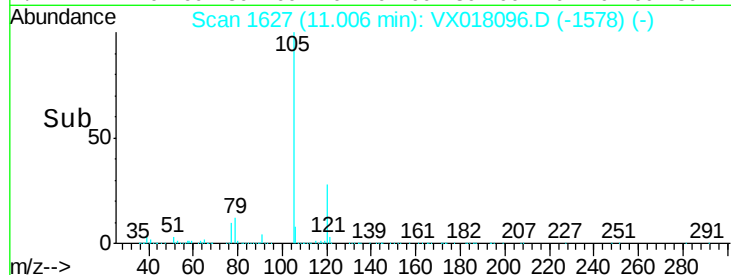
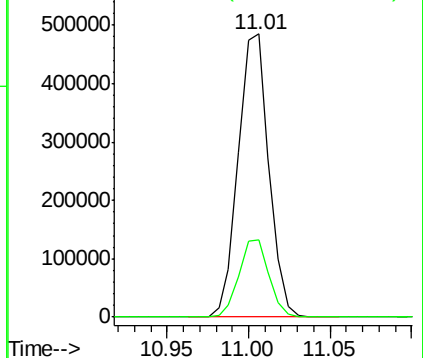
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.533 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion: 43 Resp: 321216

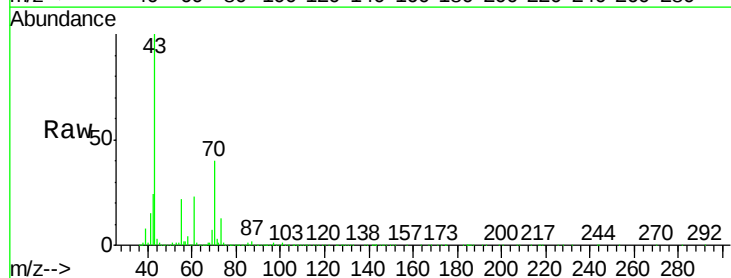
Ion Ratio Lower Upper

43 100

70 39.9 32.3 48.5

55 22.8 18.2 27.2

61 23.2 18.9 28.3

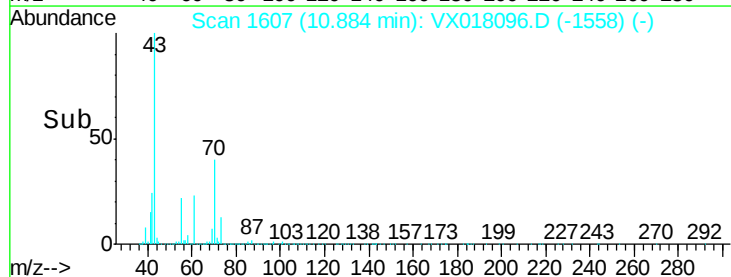
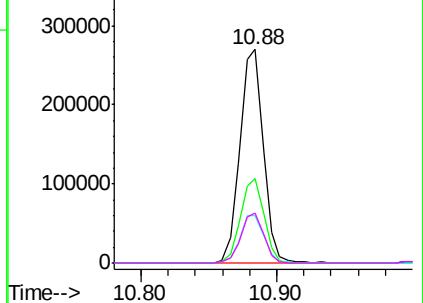


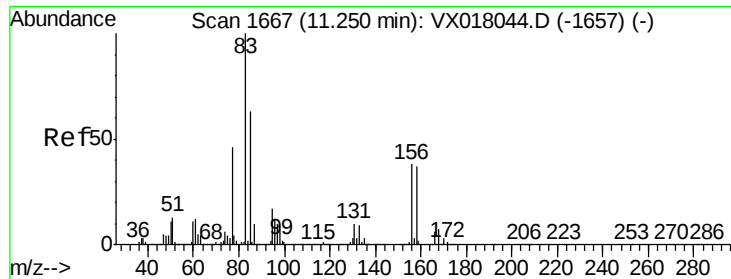
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.300 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

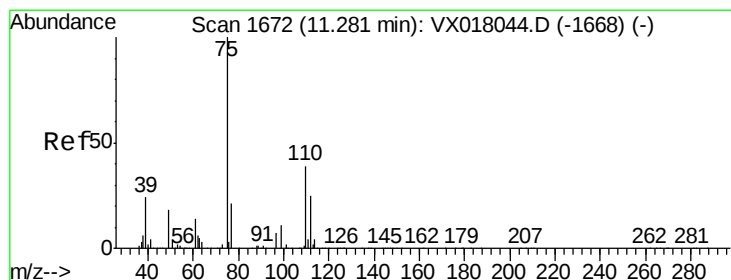
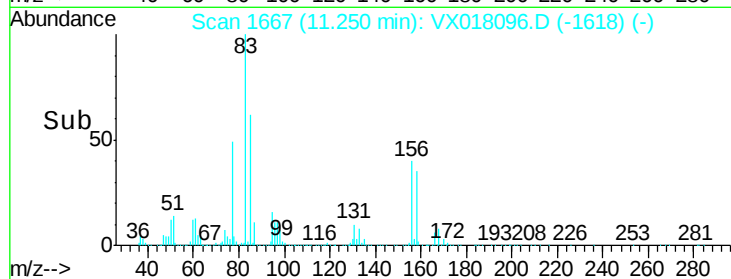
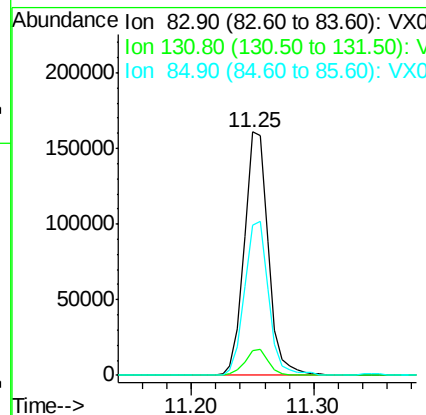
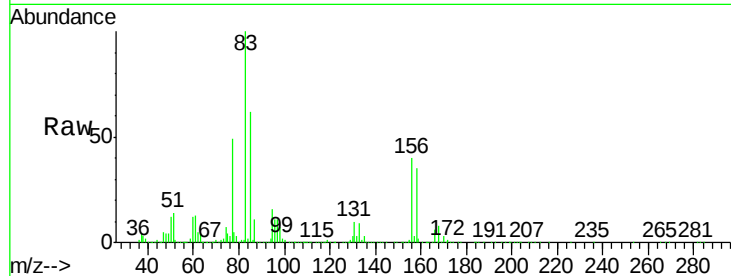
ClientSampleId :

VX0827WBSD01

Tot Ion:	83	Resp:	215147
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	64.3	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.026 ug/l m

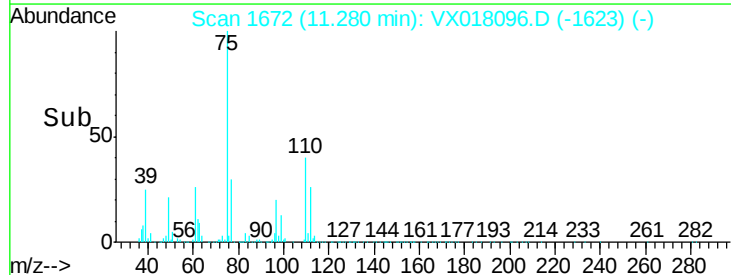
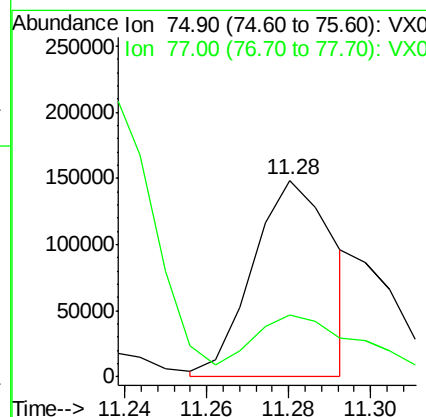
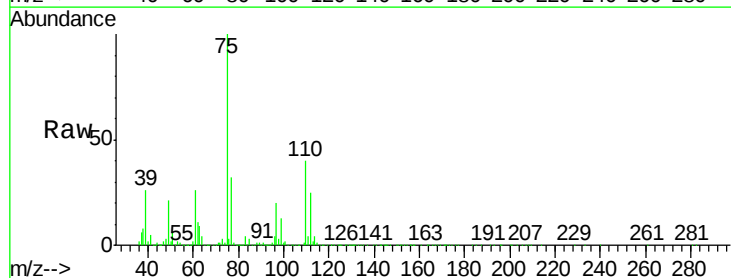
RT: 11.28 min Scan# 1672

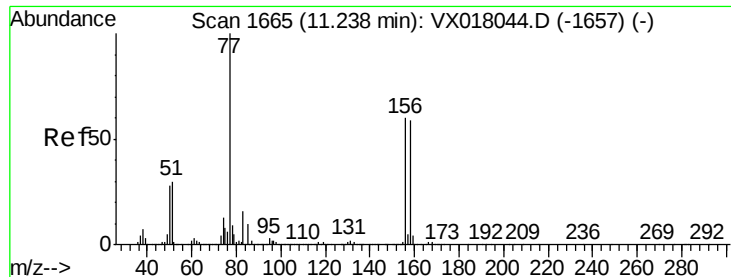
Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion:	75	Resp:	202910
Ion Ratio	Lower	Upper	
75	100		
77	42.3	20.8	62.2





#77

Bromobenzene

Concen: 20.672 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

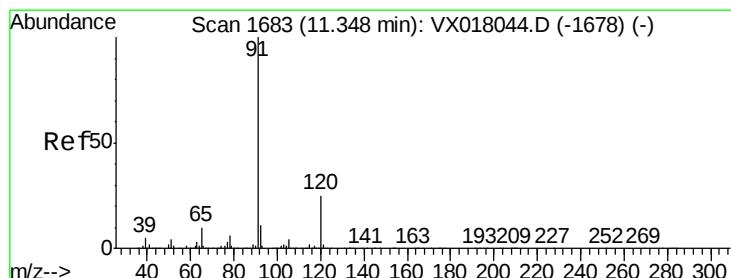
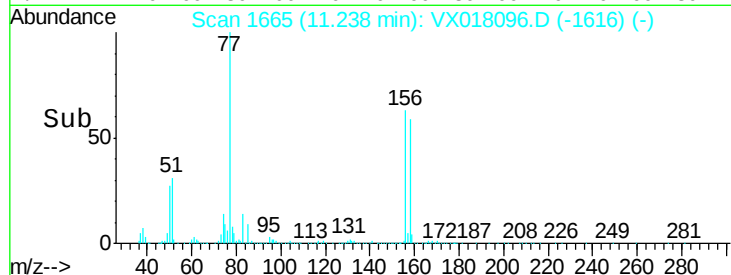
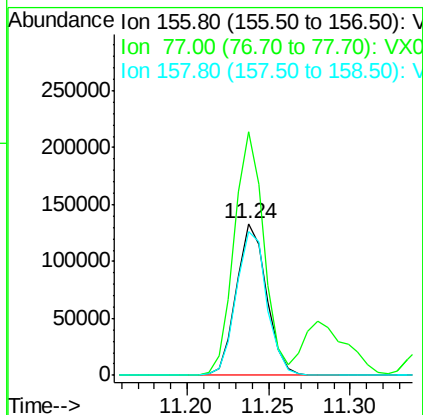
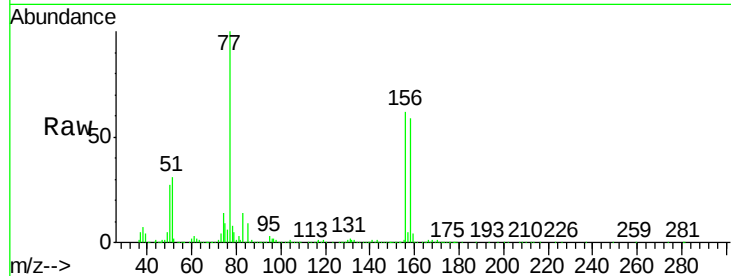
ClientSampleId :

VX0827WBSD01

Tot Ion:	156	Resp:	171681
Ion Ratio	Lower	Upper	
156	100		
77	157.5	80.0	240.2
158	96.3	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 21.269 ug/l

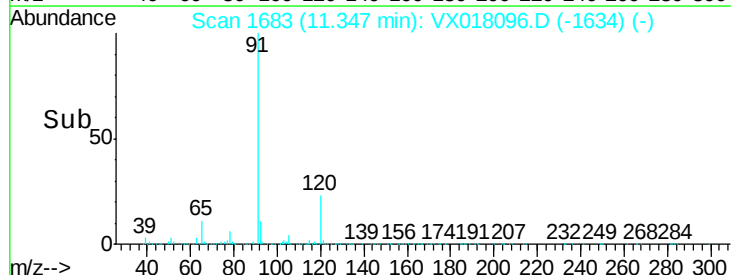
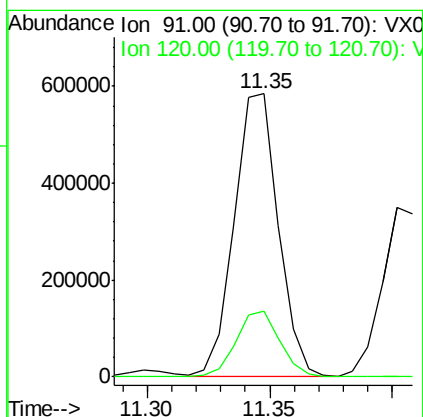
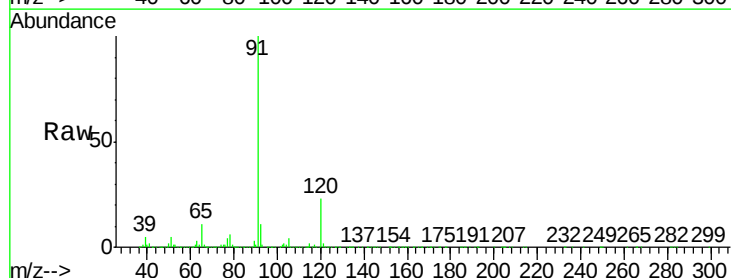
RT: 11.35 min Scan# 1683

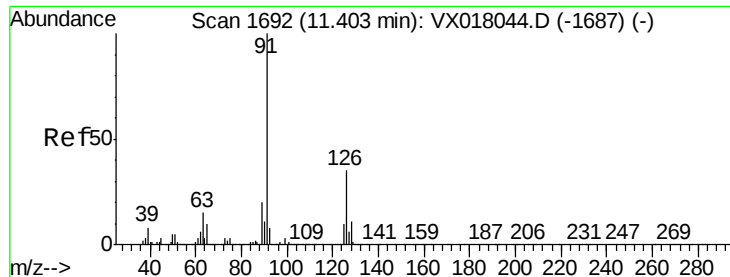
Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion:	91	Resp:	725557
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.9	35.9





#79

2-Chlorotoluene

Concen: 21.000 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBSD01

Tot Ion: 91 Resp: 442607

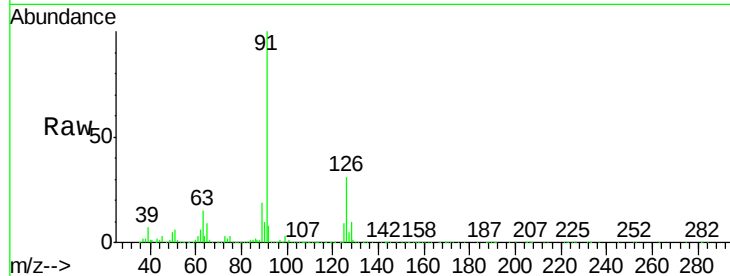
Ion Ratio Lower Upper

91 100

126 33.7 17.4 52.2

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Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX018044.D (-1687) (-)

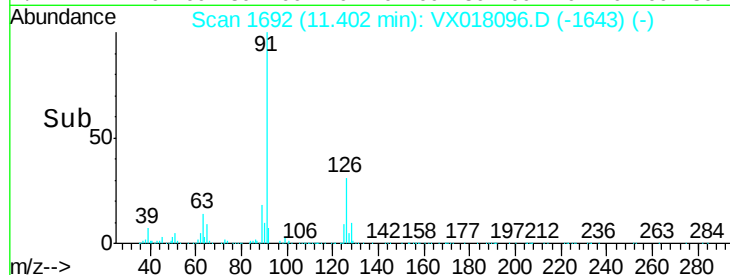
600000

400000

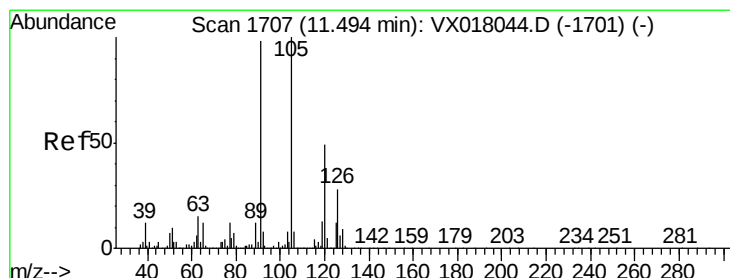
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.458 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018096.D

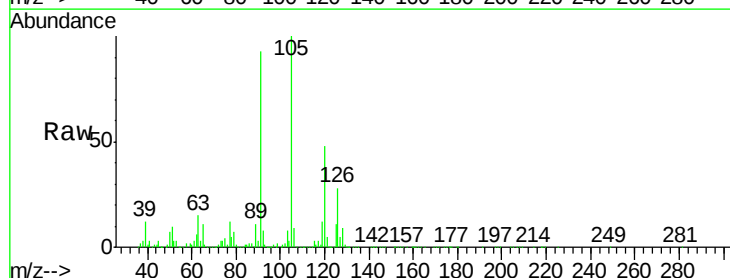
Acq: 27 Aug 2020 17:03

Tgt Ion: 105 Resp: 529777

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018044.D (-1701) (-)

500000

400000

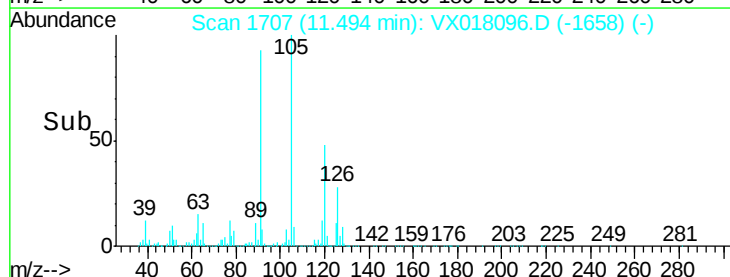
300000

200000

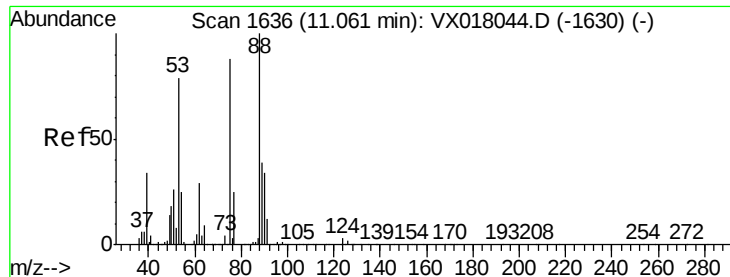
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11.45 11.50 11.55



Time-->



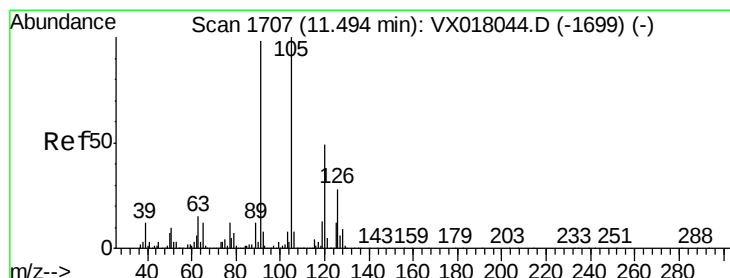
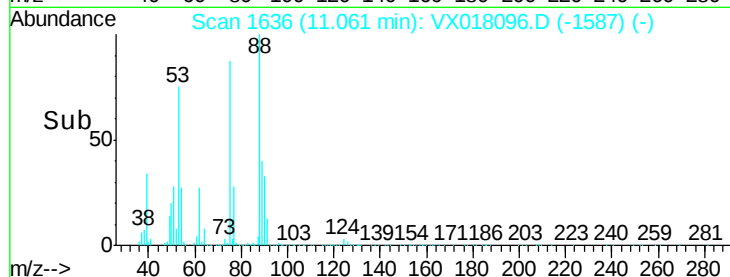
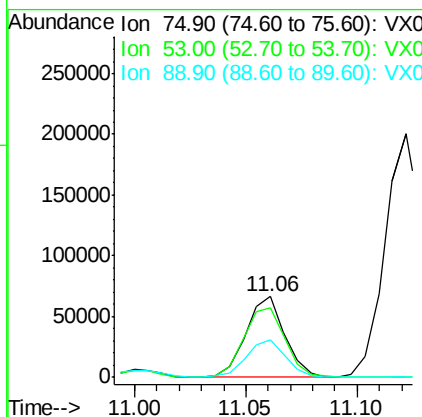
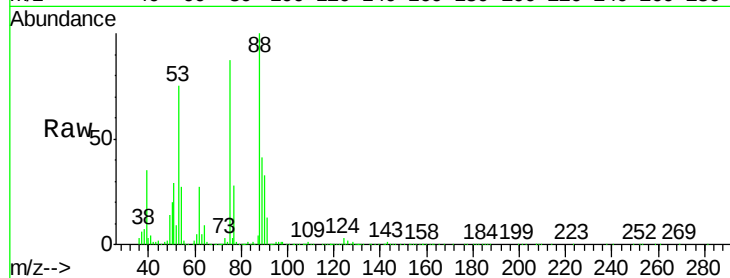
#81
trans-1,4-Dichloro-2-butene
Concen: 21.306 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.1	74.7	112.1
89	47.5	36.6	54.8

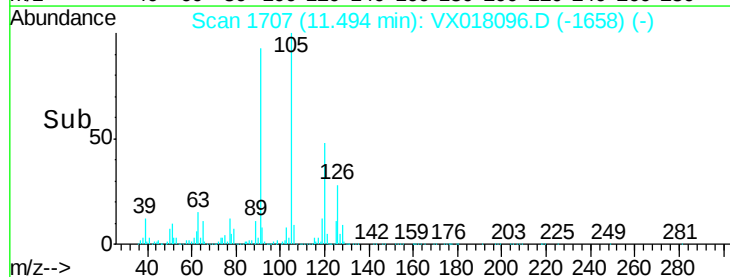
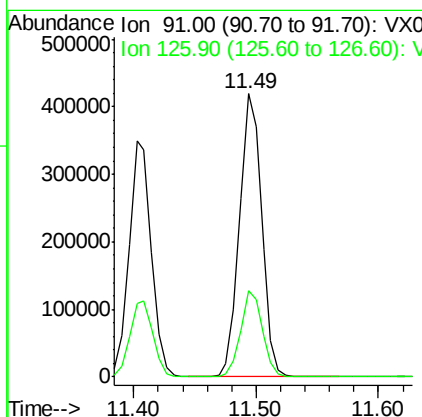
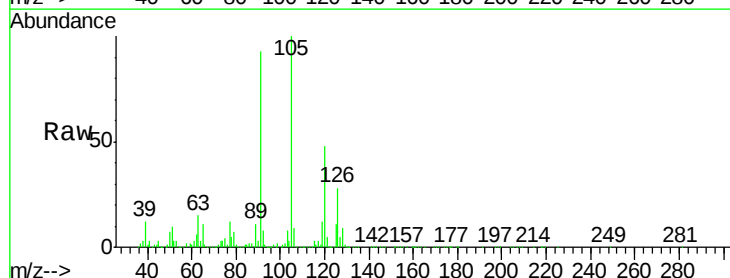
Manual Integrations
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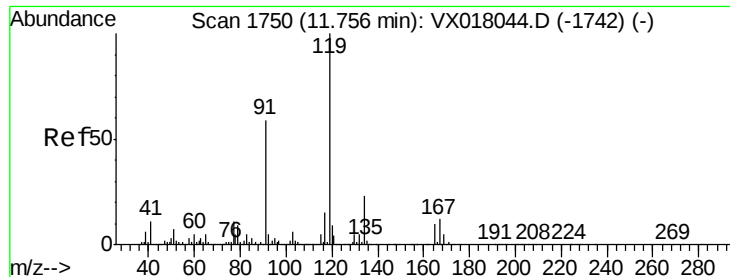
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.900 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	15.1	45.3





#83

tert-Butylbenzene

Concen: 20.790 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

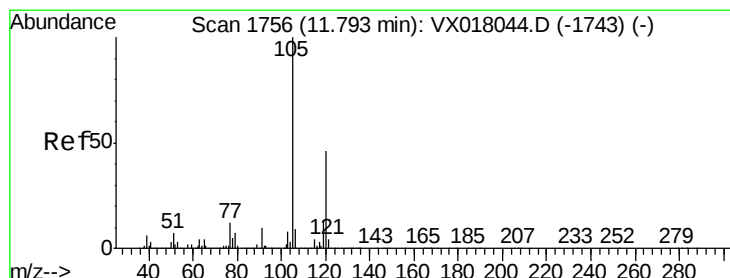
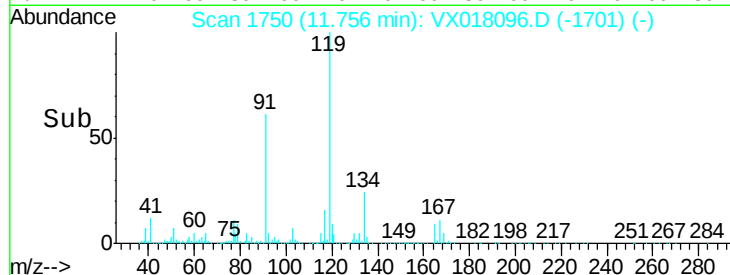
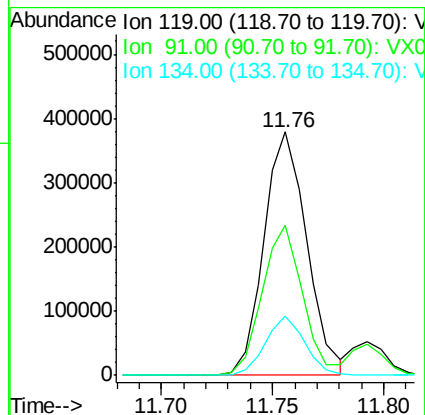
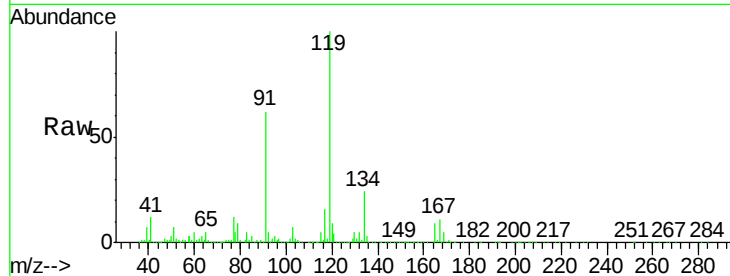
ClientSampleId :

VX0827WBSD01

Tot Ion:	119	Resp:	506542
Ion Ratio	Lower	Upper	
119	100		
91	58.4	28.2	84.7
134	22.4	11.3	33.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.627 ug/l

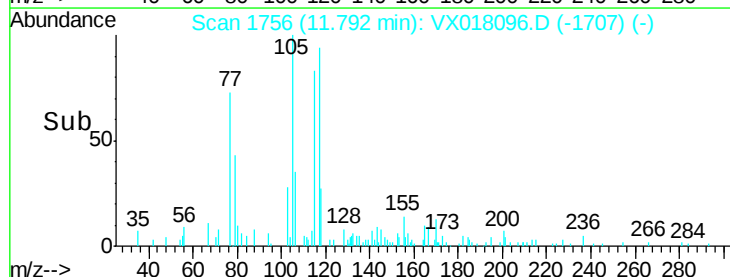
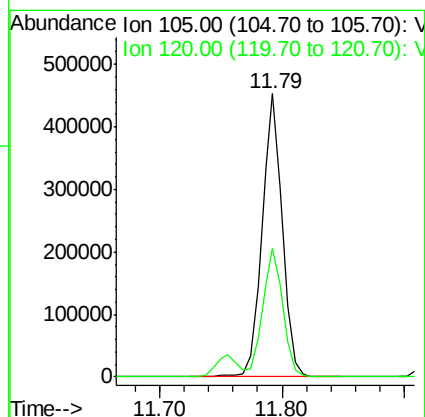
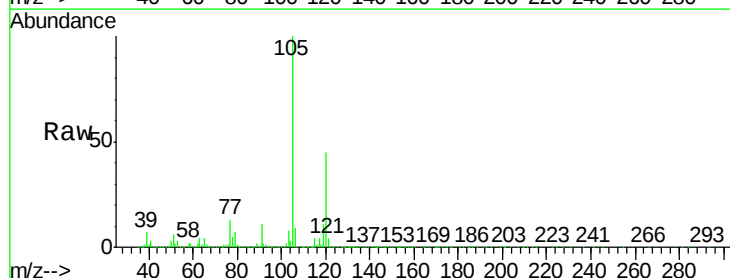
RT: 11.79 min Scan# 1756

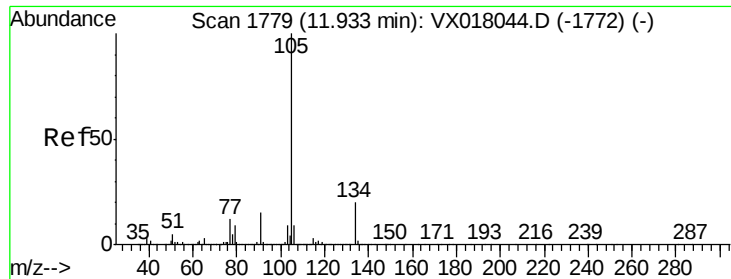
Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion:	105	Resp:	520657
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.3	66.9





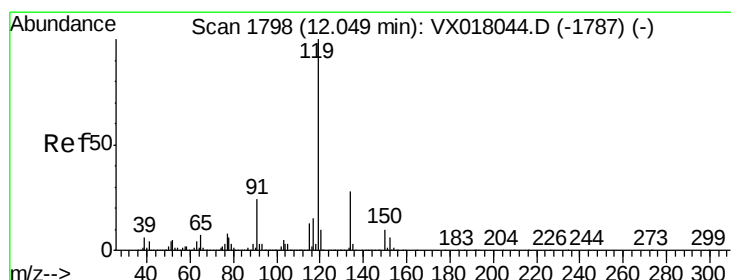
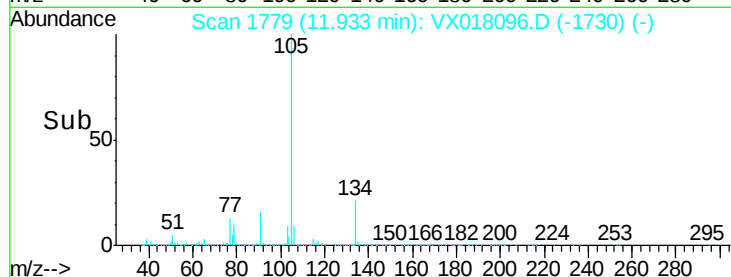
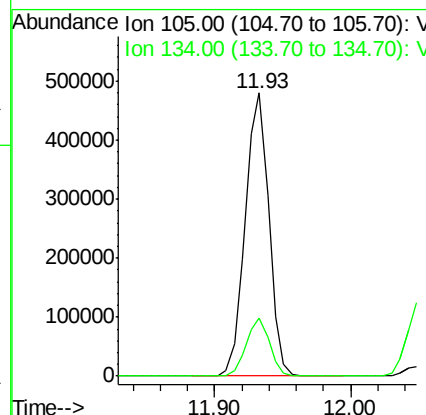
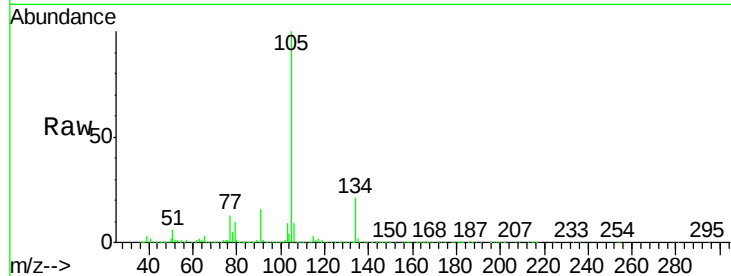
#85
 sec-Butylbenzene
 Concen: 20.887 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.3

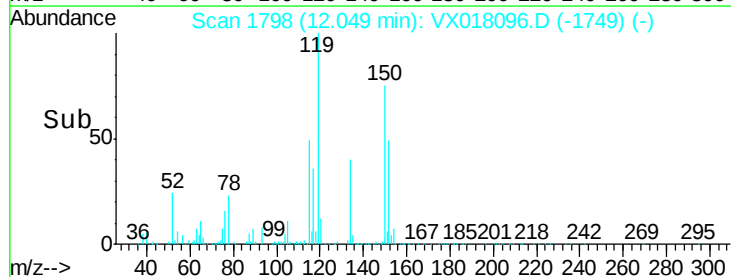
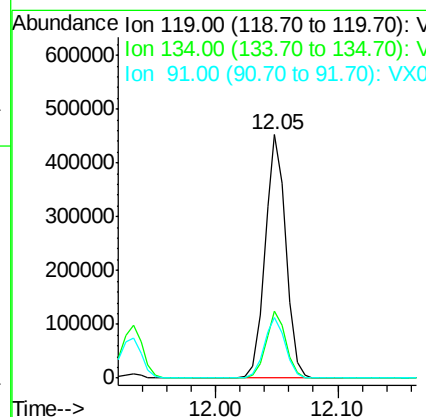
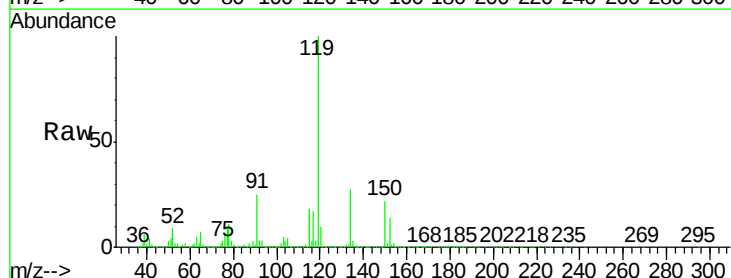
Manual Integrations
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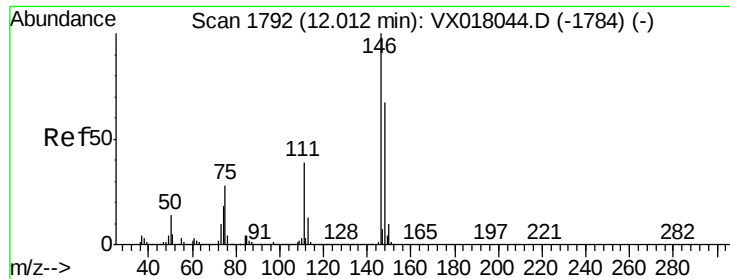
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#86
 p-Isopropyltoluene
 Concen: 20.935 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.2	39.5
91	25.1	11.8	35.4





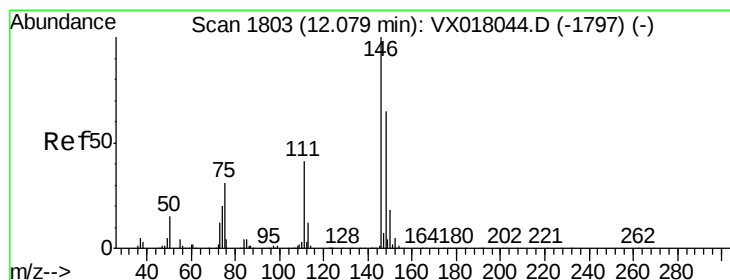
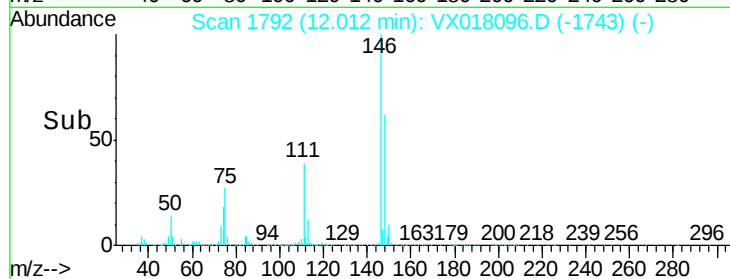
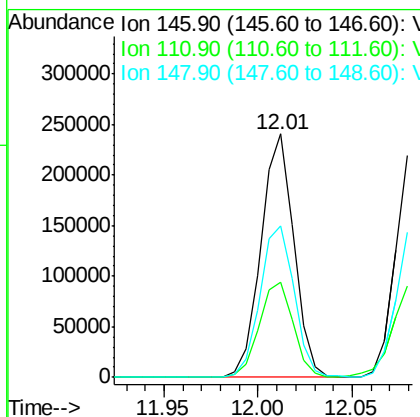
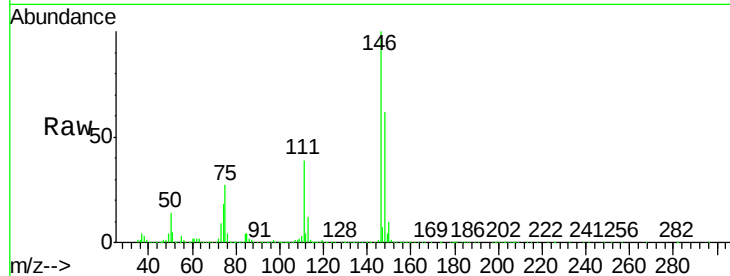
#87
 1,3-Dichlorobenzene
 Concen: 19.970 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.8
148	64.5	33.1	99.2

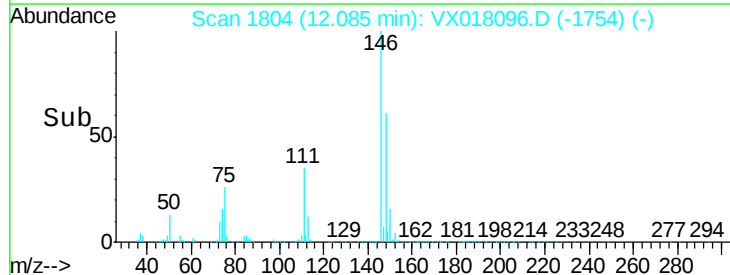
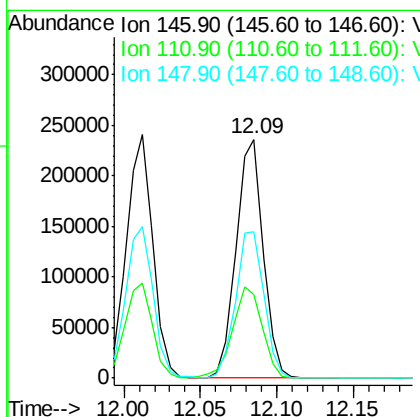
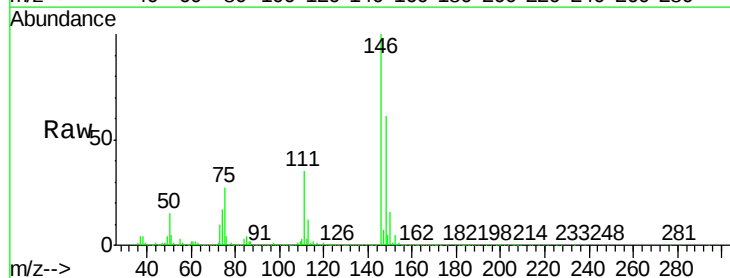
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#88
 1,4-Dichlorobenzene
 Concen: 19.800 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.3	60.8
148	64.5	33.1	99.2





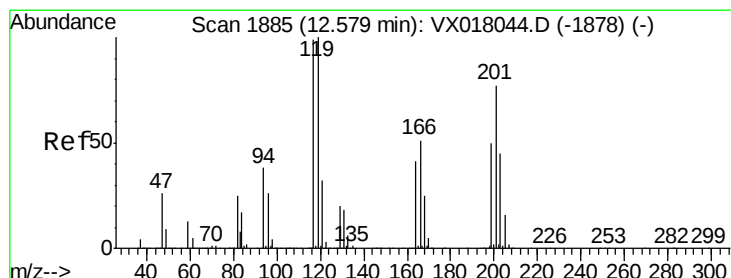
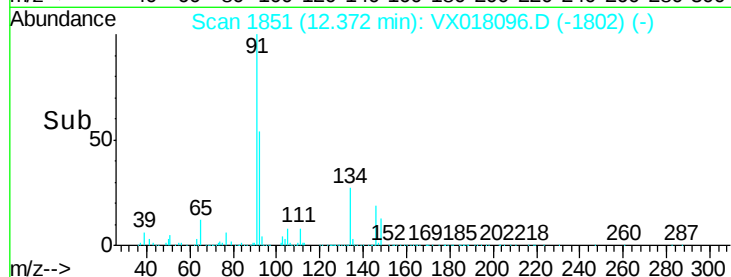
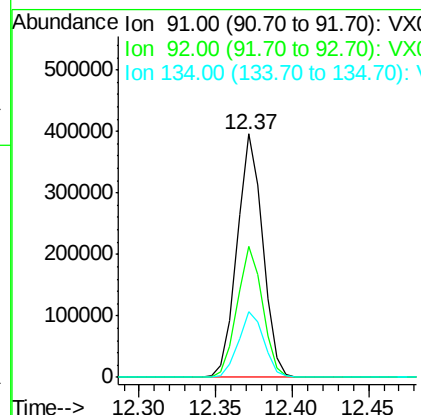
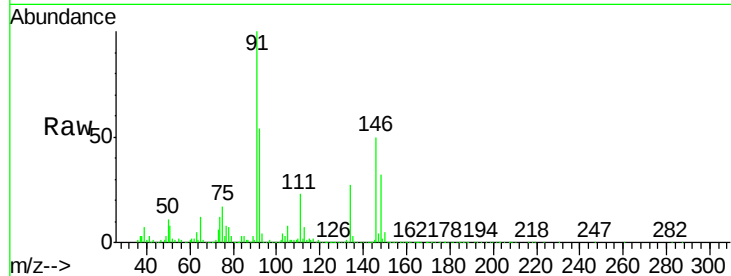
#89
n-Butylbenzene
Concen: 19.791 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.4	79.2
134	26.9	12.9	38.7

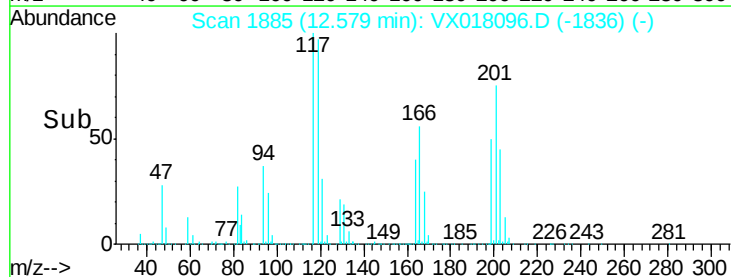
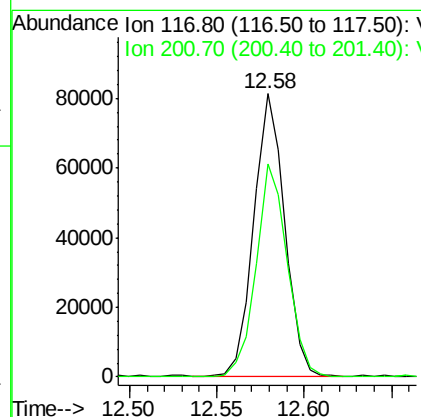
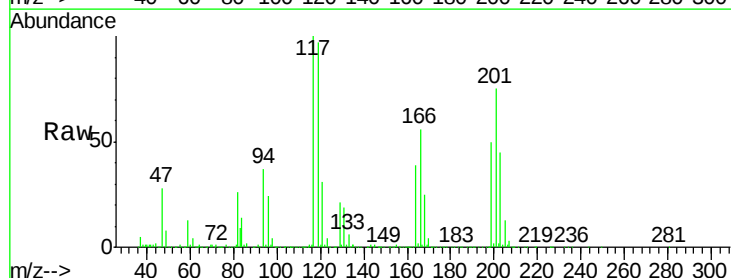
Manual Integrations
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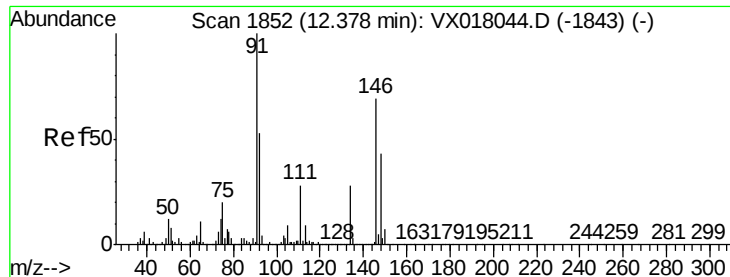
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#90
Hexachloroethane
Concen: 19.857 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018096.D
Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.4	38.5	115.3





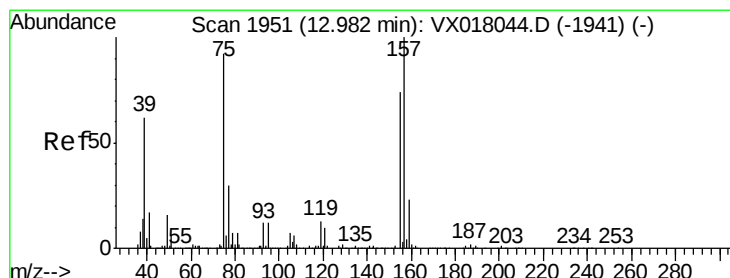
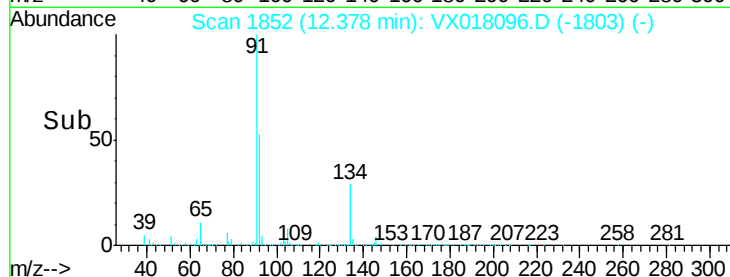
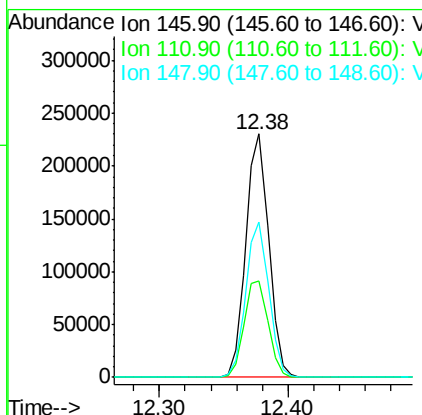
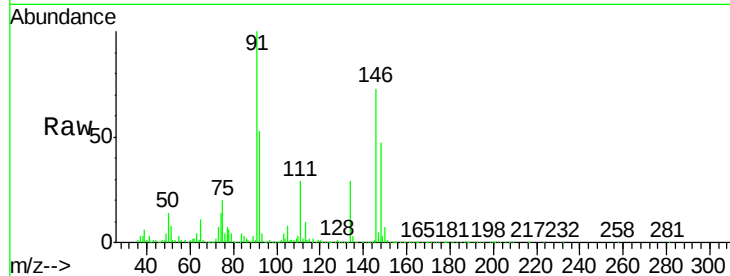
#91
 1,2-Dichlorobenzene
 Concen: 20.506 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	281450		
111	41.7	20.8	62.5	
148	64.2	31.6	95.0	

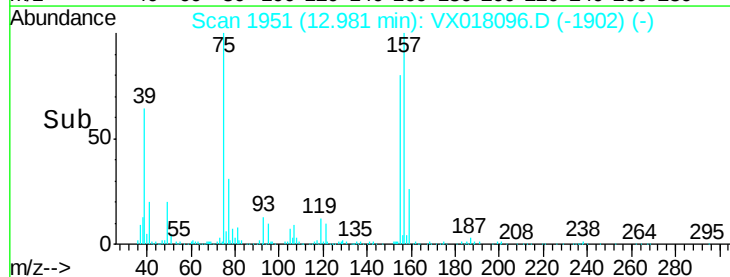
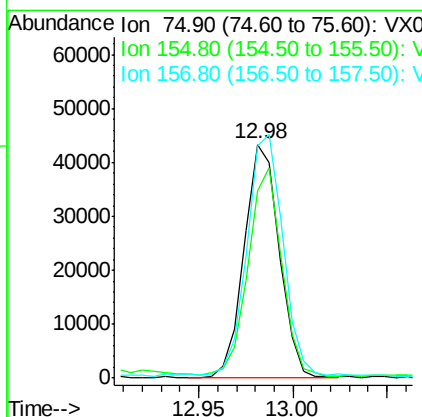
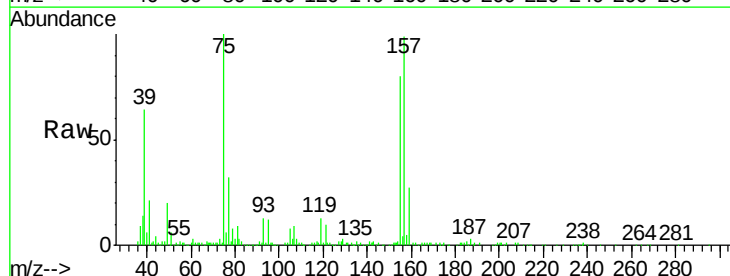
Manual Integrations
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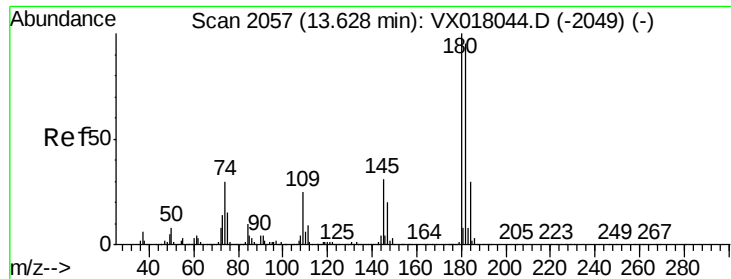
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.078 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55857		
155	85.3	40.2	120.6	
157	108.2	55.0	165.2	





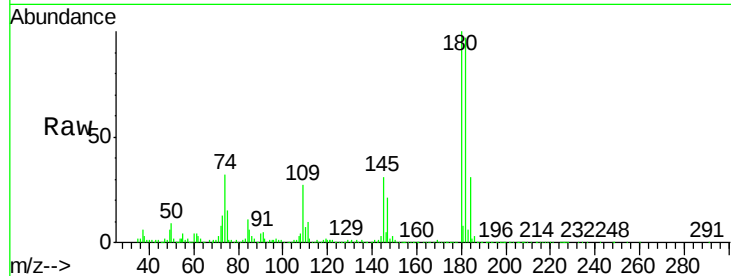
#93
 1,2,4-Trichlorobenzene
 Concen: 20.391 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

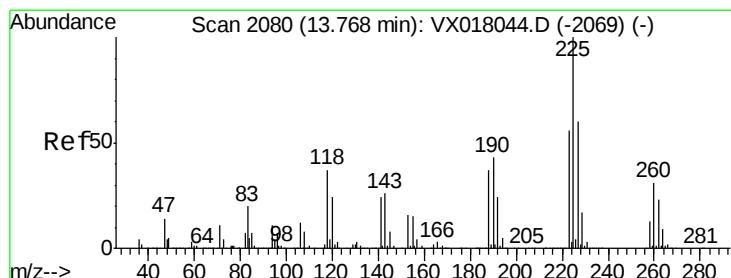
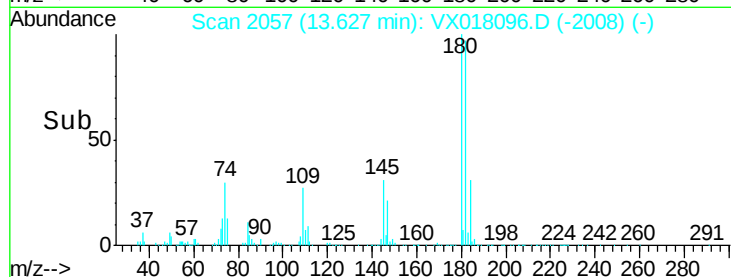
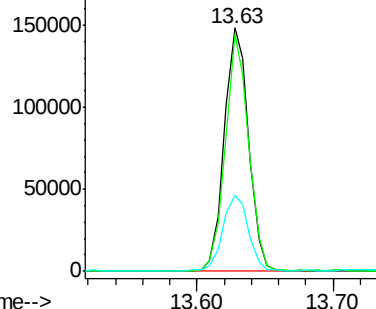
Tot Ion	Ratio	Resp	Lower	Upper
180	100	186632		
182	93.9	47.5	142.6	
145	32.6	15.7	47.1	

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 2:59:45 PM

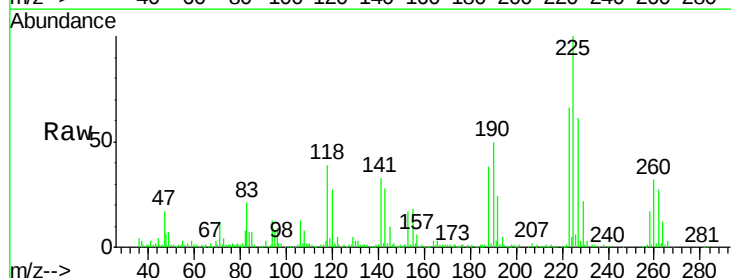


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

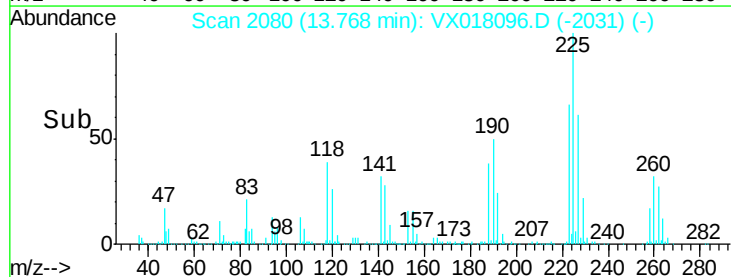
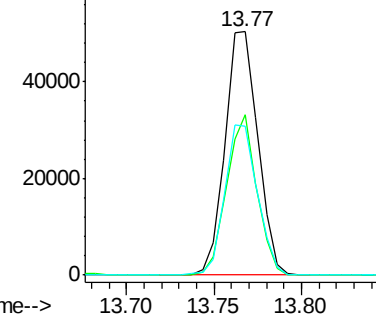


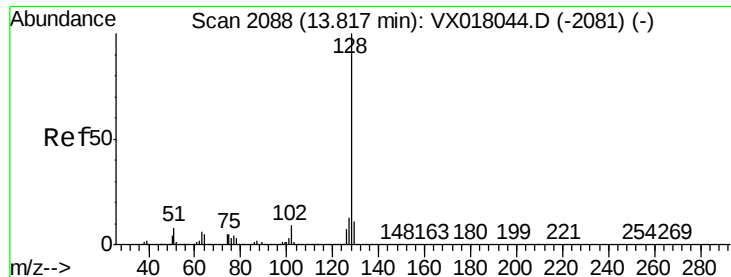
#94
 Hexachlorobutadiene
 Concen: 18.220 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018096.D
 Acq: 27 Aug 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65774		
223	60.4	30.7	92.1	
227	61.5	32.6	97.8	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.950 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Instrument :

MSVOA_X

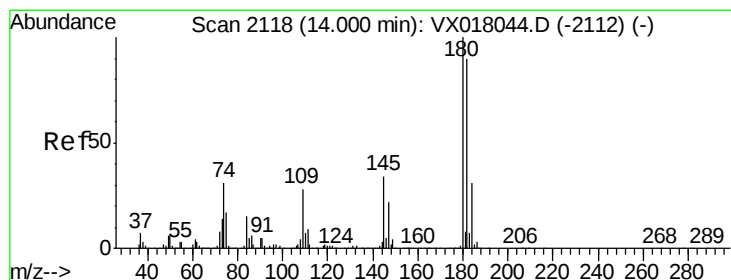
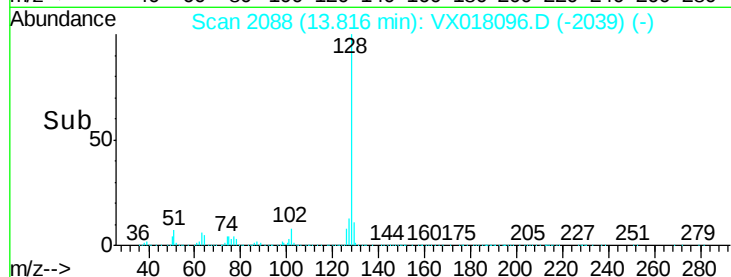
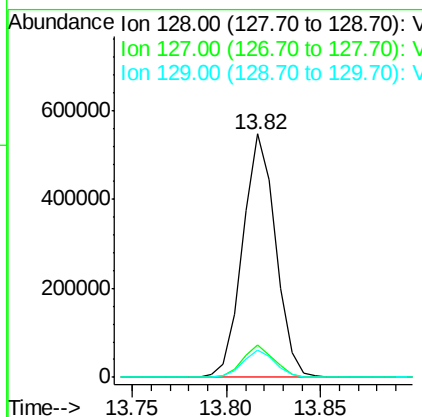
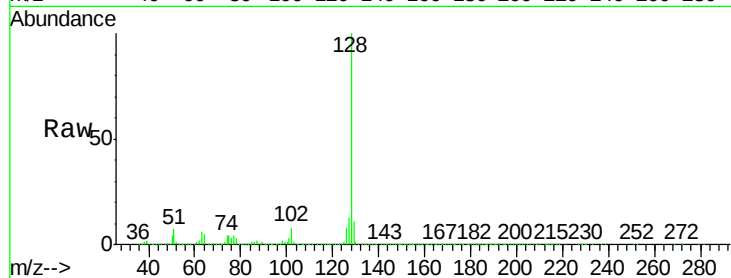
ClientSampleId :

VX0827WBSD01

Tot Ion:	128	Resp:	661156
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/28/2020 2:59:45 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.625 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018096.D

Acq: 27 Aug 2020 17:03

Tgt Ion:	180	Resp:	186524
Ion Ratio		Lower	Upper
180	100		
182	98.1	47.3	142.0
145	33.7	17.5	52.6

