

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018165.D
 Acq On : 31 Aug 2020 23:07
 Operator : JC/SP
 Sample : VX0831WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:24 AM

Quant Time: Sep 01 07:12:53 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	5.63	168	450741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	721310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	664372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	361061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	313770	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.47	113	240731	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	8.70	98	860198	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	11.12	95	337130	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	115443	21.036	ug/l	97
3) Chloromethane	1.31	50	114576	19.803	ug/l	100
4) Vinyl Chloride	1.39	62	113075	19.633	ug/l	97
5) Bromomethane	1.63	94	77821	28.013	ug/l	97
6) Chloroethane	1.71	64	65700	21.239	ug/l	93
7) Trichlorofluoromethane	1.92	101	182364	23.221	ug/l	99
8) Diethyl Ether	2.17	74	57614	21.632	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	90620	21.344	ug/l	98
10) Methyl Iodide	2.49	142	98746	24.726	ug/l	100
11) Tert butyl alcohol	3.01	59	116098	95.423	ug/l	99
12) 1,1-Dichloroethene	2.36	96	91385	20.746	ug/l	97
13) Acrolein	2.28	56	35776	70.916	ug/l	99
14) Allyl chloride	2.71	41	158793	20.065	ug/l	98
15) Acrylonitrile	3.12	53	268424	97.259	ug/l	99
16) Acetone	2.42	43	248530	101.928	ug/l	94
17) Carbon Disulfide	2.55	76	253050	19.004	ug/l	100
18) Methyl Acetate	2.75	43	127610	21.688	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	319224	21.132	ug/l	98
20) Methylene Chloride	2.84	84	105478	20.467	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	98332	20.149	ug/l	99
22) Diisopropyl ether	3.83	45	325278	20.825	ug/l	98
23) Vinyl Acetate	3.79	43	1414333	101.762	ug/l	98
24) 1,1-Dichloroethane	3.67	63	185409	20.853	ug/l	98
25) 2-Butanone	4.64	43	385035	96.085	ug/l	100
26) 2,2-Dichloropropane	4.55	77	127675	17.648	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	112635	20.032	ug/l	97
28) Bromochloromethane	4.99	49	78898	18.383	ug/l	96
29) Tetrahydrofuran	5.09	42	243976	95.642	ug/l	97
30) Chloroform	5.18	83	193310	20.997	ug/l	99
31) Cyclohexane	5.55	56	148236	19.792	ug/l	91
32) 1,1,1-Trichloroethane	5.46	97	182792	21.635	ug/l	100
36) 1,1-Dichloropropene	5.77	75	136874	20.573	ug/l	98
37) Ethyl Acetate	4.79	43	149280	19.319	ug/l	99
38) Carbon Tetrachloride	5.76	117	168022	22.410	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	144234	19.826	ug/l	97
40) Benzene	6.12	78	398339	20.376	ug/l	96
41) Methacrylonitrile	5.00	41	82858	19.530	ug/l	98
42) 1,2-Dichloroethane	6.17	62	164245	21.929	ug/l	98
43) Isopropyl Acetate	6.42	43	243799	19.534	ug/l	99
44) Trichloroethene	7.19	130	113159	20.486	ug/l	99
45) 1,2-Dichloropropane	7.49	63	106008	20.120	ug/l	95
46) Dibromomethane	7.64	93	76581	20.669	ug/l	98
47) Bromodichloromethane	7.88	83	159531	21.564	ug/l	97
48) Methyl methacrylate	7.75	41	118876	19.134	ug/l	99
49) 1,4-Dioxane	7.71	88	41889	372.208	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	763776	99.071	ug/l	99
52) Toluene	8.76	92	258427	20.848	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	165934	20.238	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	172443	19.854	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	106350	20.116	ug/l	97
56) Ethyl methacrylate	9.16	69	151924	19.330	ug/l	98
57) 1,3-Dichloropropane	9.35	76	177498	20.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	302999	85.701	ug/l	99
59) 2-Hexanone	9.47	43	577249	98.471	ug/l	98
60) Dibromochloromethane	9.57	129	130198	20.993	ug/l	99
61) 1,2-Dibromoethane	9.65	107	115741	20.165	ug/l	99
64) Tetrachloroethene	9.32	164	105964	21.704	ug/l	91
65) Chlorobenzene	10.12	112	280686	21.154	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	114245	21.845	ug/l	97
67) Ethyl Benzene	10.24	91	486528	21.561	ug/l	99
68) m/p-Xylenes	10.34	106	363617	43.173	ug/l	97
69) o-Xylene	10.68	106	172213	21.093	ug/l	98
70) Styrene	10.70	104	296890	21.353	ug/l	98
71) Bromoform	10.84	173	99124	22.221	ug/l #	96
73) Isopropylbenzene	11.00	105	480023	20.156	ug/l	98
74) N-amyl acetate	10.88	43	212684	18.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	160599	19.116	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	154279m	19.208	ug/l	
77) Bromobenzene	11.24	156	128263	19.483	ug/l	98
78) n-propylbenzene	11.34	91	550768	20.367	ug/l	99
79) 2-Chlorotoluene	11.40	91	336006	20.112	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	418693	21.394	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	49639	16.692	ug/l	91
82) 4-Chlorotoluene	11.49	91	401340	20.207	ug/l	99
83) tert-Butylbenzene	11.76	119	399205	20.669	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	413950	20.688	ug/l	98
85) sec-Butylbenzene	11.93	105	458712	20.885	ug/l	100
86) p-Isopropyltoluene	12.05	119	425098	21.071	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	229947	19.895	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	235452	20.345	ug/l	98
89) n-Butylbenzene	12.37	91	369738	20.079	ug/l	97
90) Hexachloroethane	12.58	117	86881	21.888	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	224714	20.654	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	40062	19.071	ug/l	94

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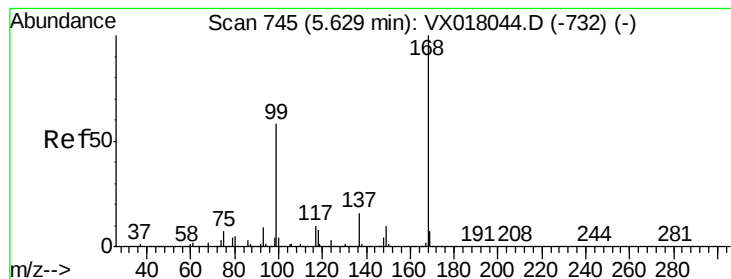
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	141209	19.463	ug/l	98
94) Hexachlorobutadiene	13.76	225	59342	20.737	ug/l	99
95) Naphthalene	13.82	128	462264	19.360	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	145646	20.317	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampled :

VX0831WBSD02

Tot Ion:168 Resp: 450741

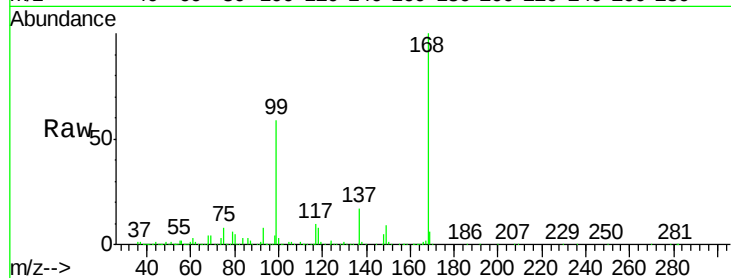
Ion Ratio Lower Upper

168 100

99 58.7 46.3 69.5

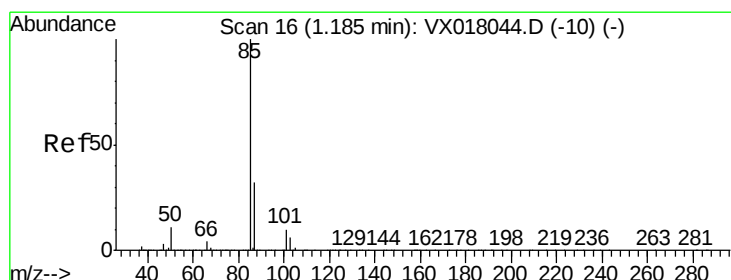
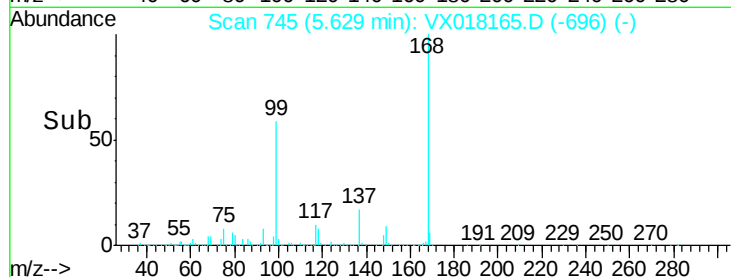
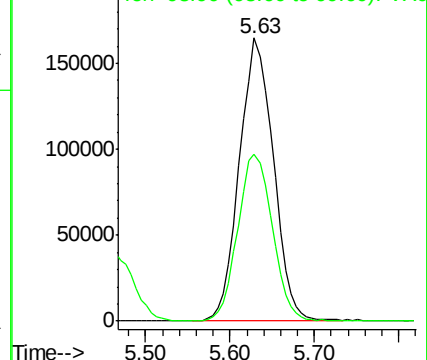
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.036 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018165.D

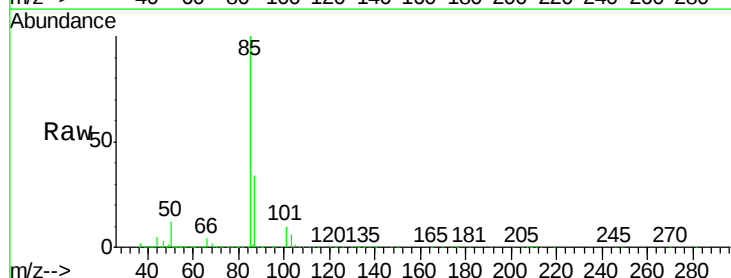
Acq: 31 Aug 2020 23:07

Tgt Ion: 85 Resp: 115443

Ion Ratio Lower Upper

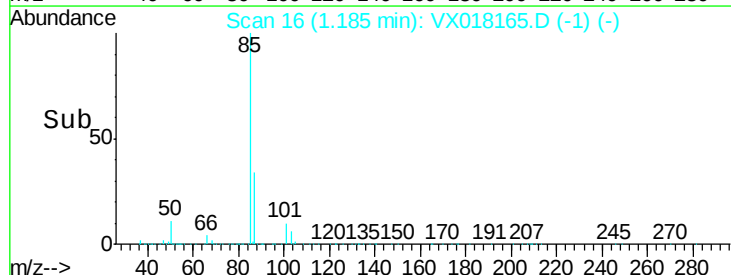
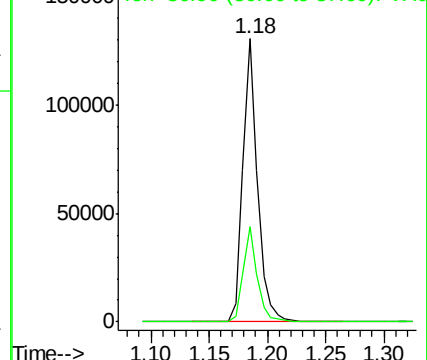
85 100

87 33.7 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: 19.803 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

Tot Ion: 50 Resp: 114576

Ion Ratio Lower Upper

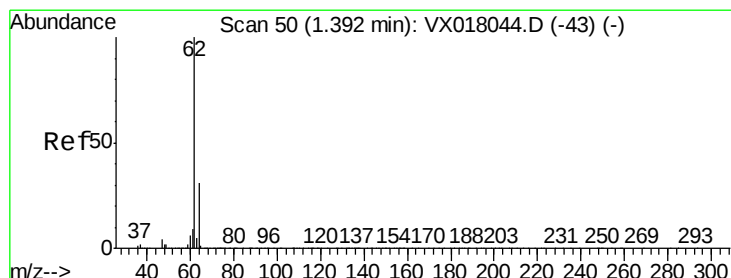
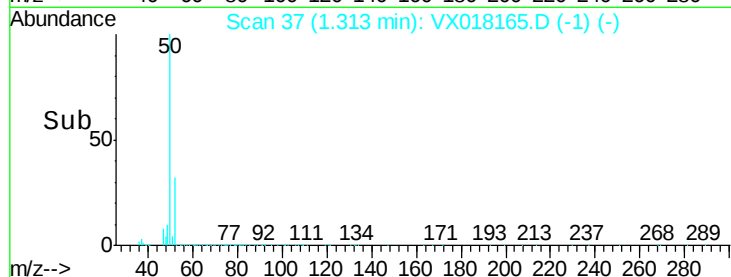
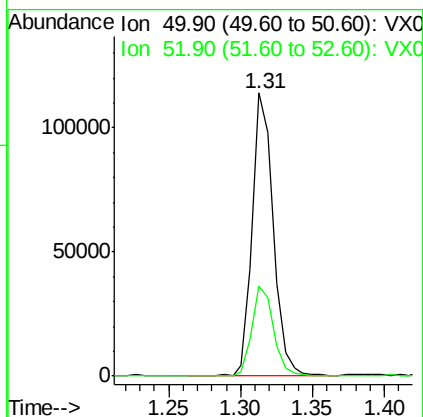
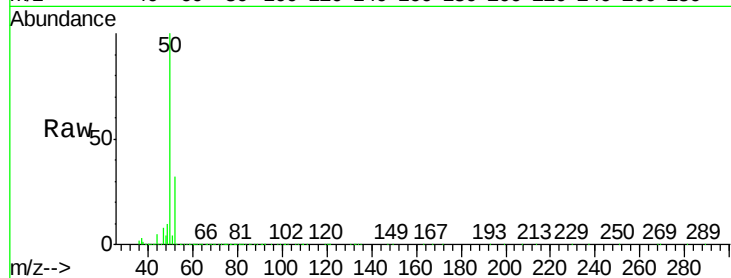
50 100

52 31.8 25.4 38.2

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#4

Vinyl Chloride

Concen: 19.633 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018165.D

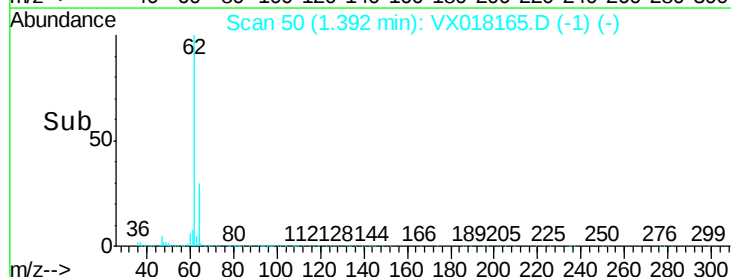
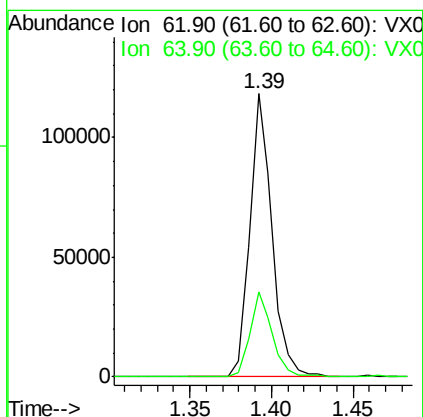
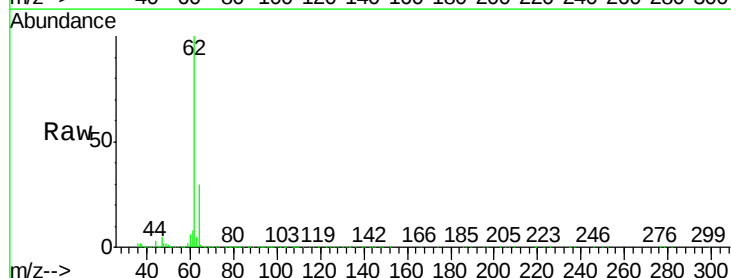
Acq: 31 Aug 2020 23:07

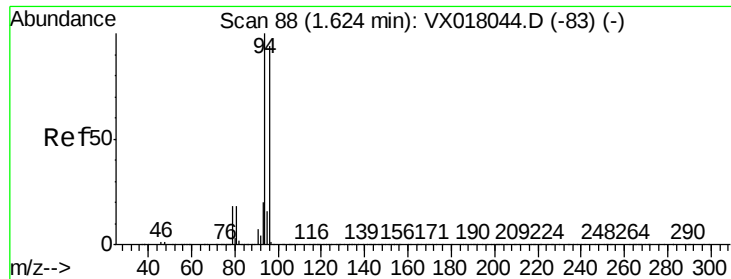
Tgt Ion: 62 Resp: 113075

Ion Ratio Lower Upper

62 100

64 30.0 25.1 37.7





#5

Bromomethane

Concen: 28.013 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tot Ion: 94 Resp: 77821

Ion Ratio Lower Upper

94 100

96 90.7 74.8 112.2

Instrument :

MSVOA_X

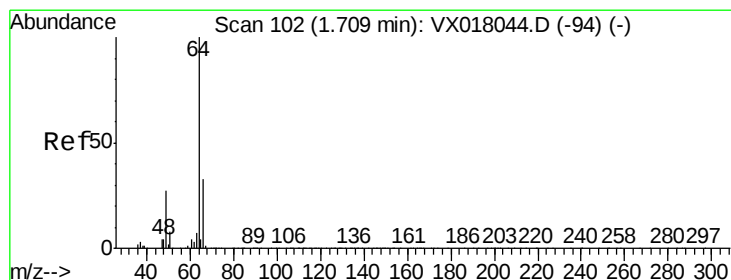
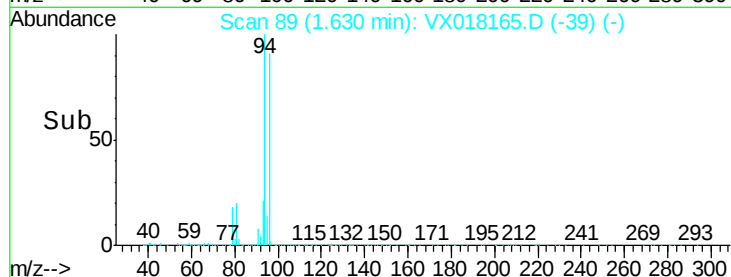
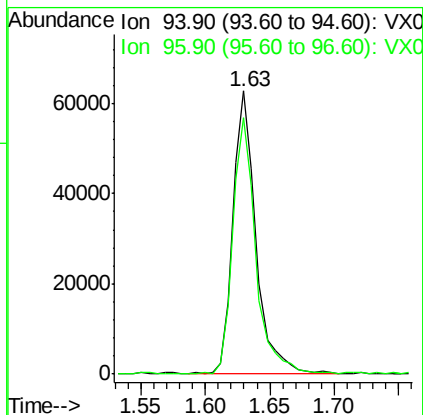
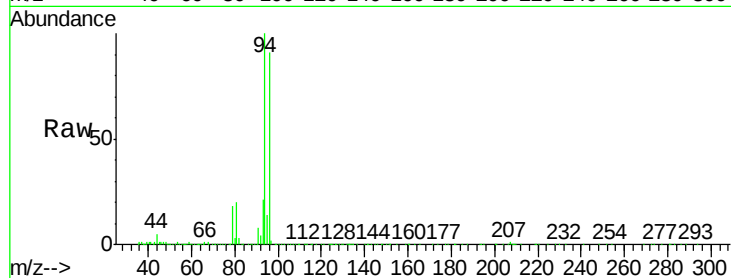
ClientSampleId :

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#6

Chloroethane

Concen: 21.239 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018165.D

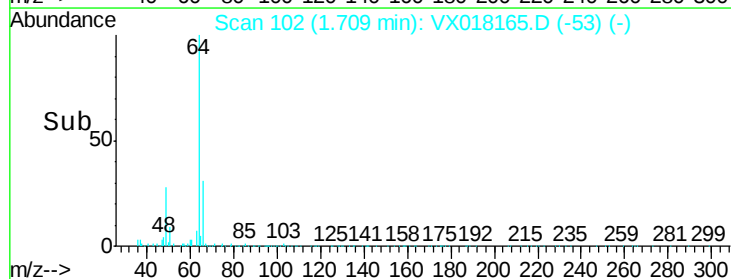
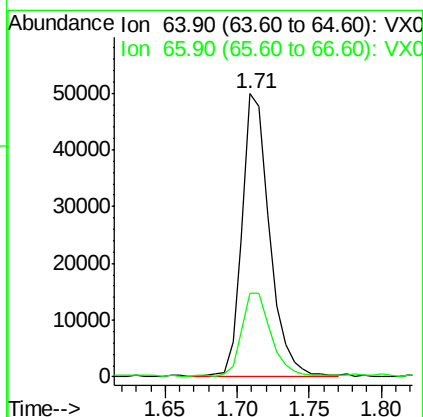
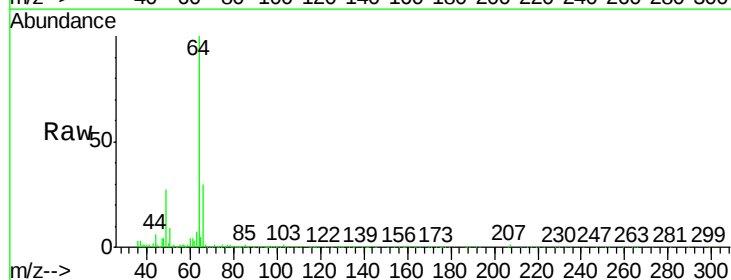
Acq: 31 Aug 2020 23:07

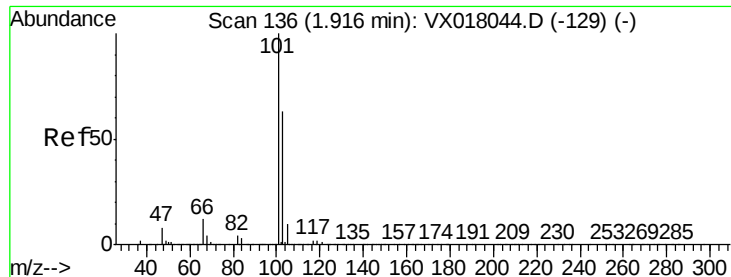
Tgt Ion: 64 Resp: 65700

Ion Ratio Lower Upper

64 100

66 29.4 26.6 39.8





#7

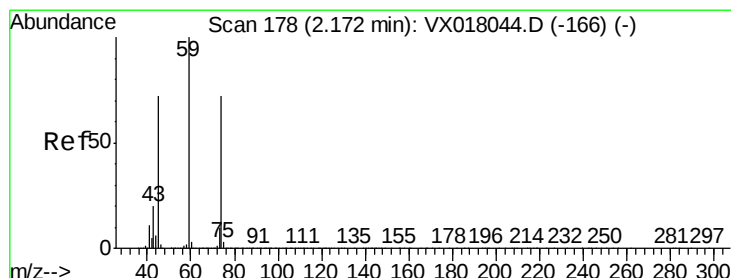
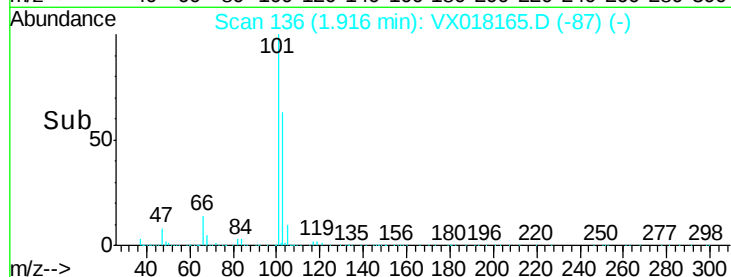
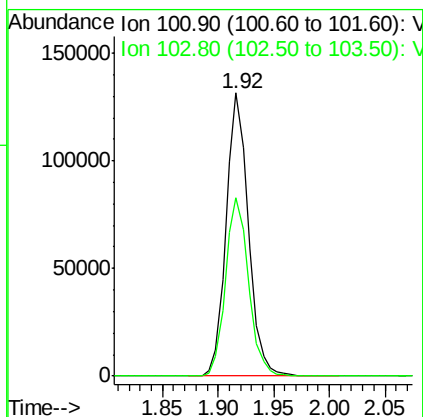
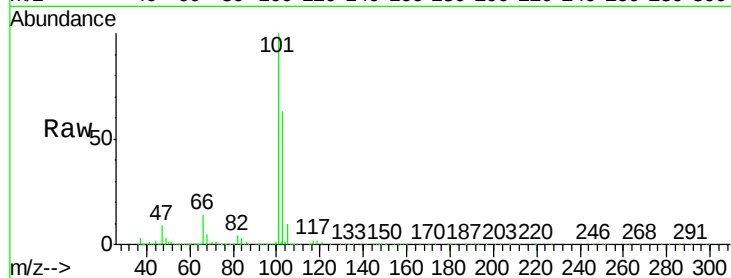
Trichlorofluoromethane
Concen: 23.221 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

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ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	50.7	76.1

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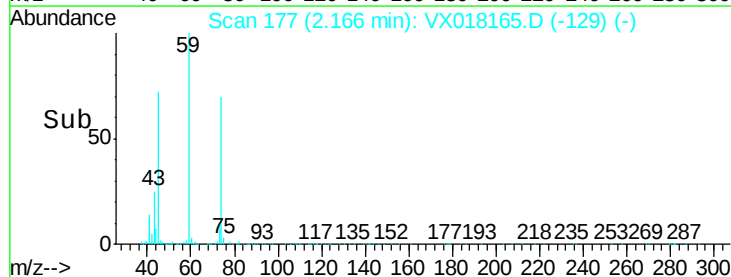
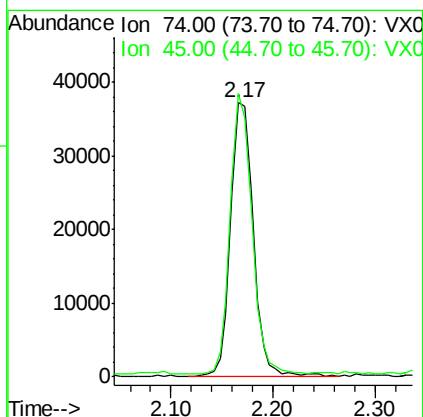
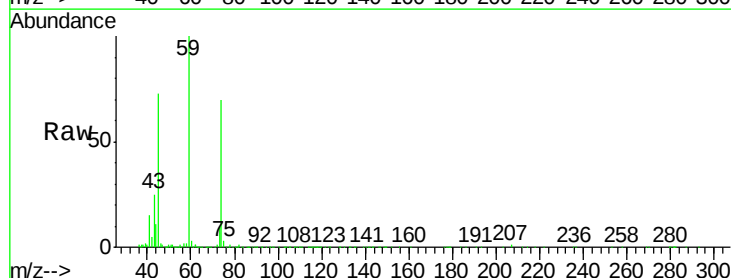
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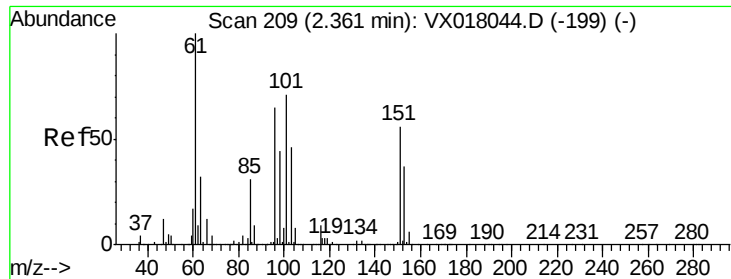


#8

Diethyl Ether
Concen: 21.632 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.344 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

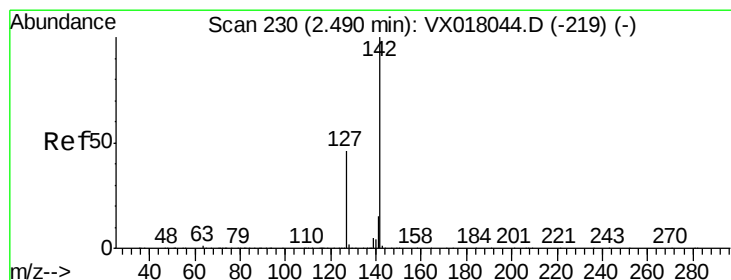
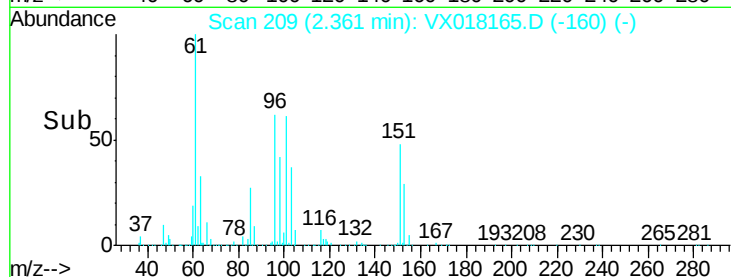
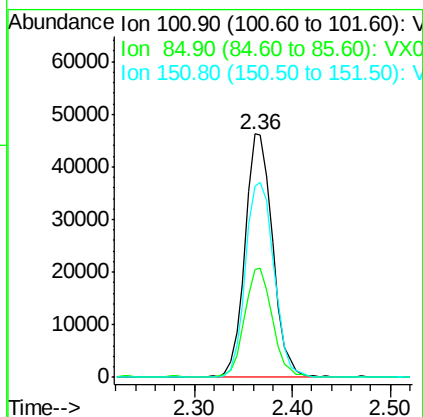
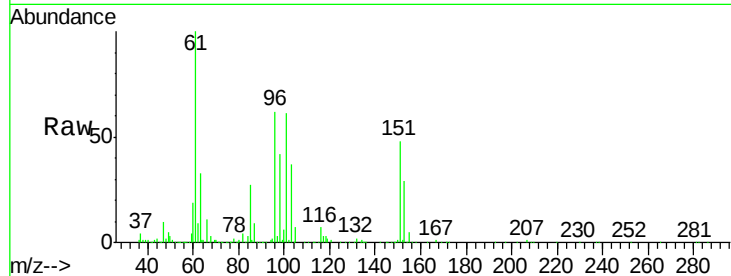
ClientSampleId :

VX0831WBSD02

Tot Ion:	101	Resp:	90620
Ion Ratio	Lower	Upper	
101	100		
85	45.2	34.0	51.0
151	82.6	65.2	97.8

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#10

Methyl Iodide

Concen: 24.726 ug/l

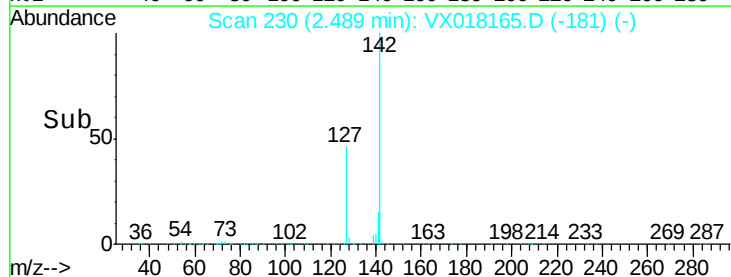
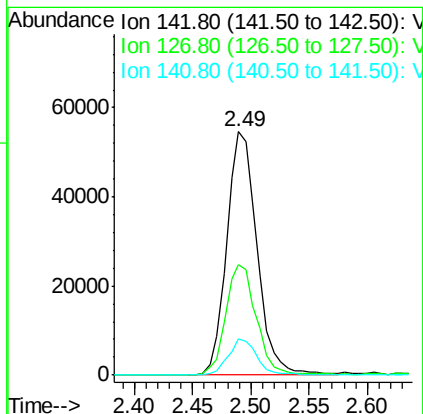
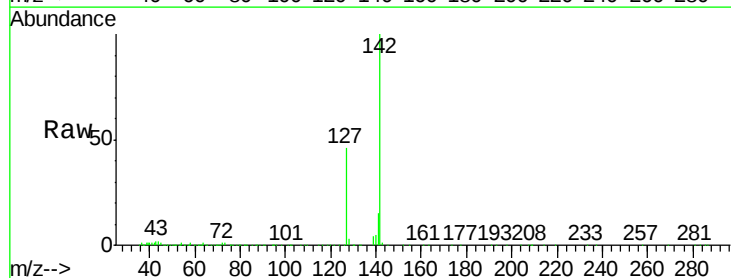
RT: 2.49 min Scan# 230

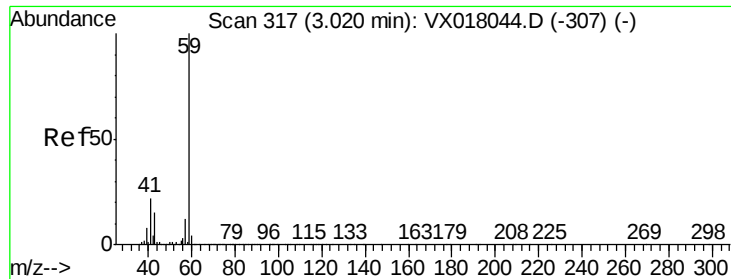
Delta R.T. 0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tgt Ion:	142	Resp:	98746
Ion Ratio	Lower	Upper	
142	100		
127	46.4	37.0	55.6
141	14.4	11.5	17.3





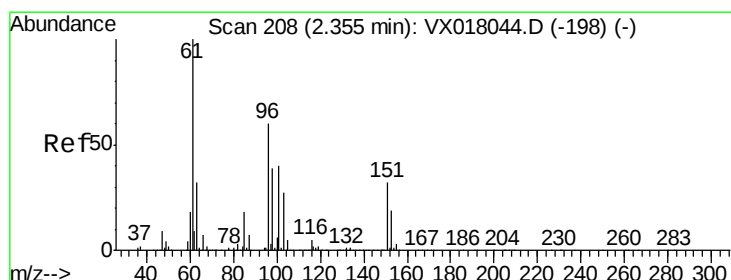
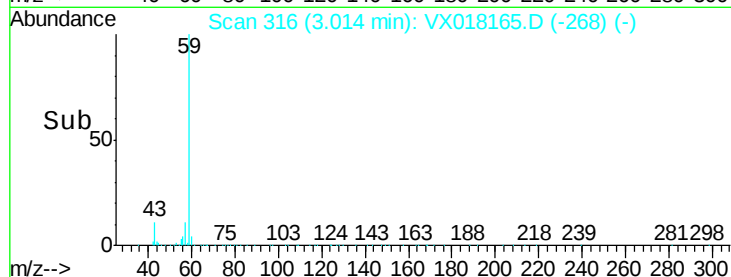
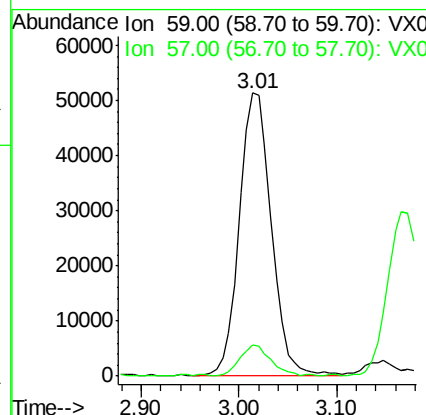
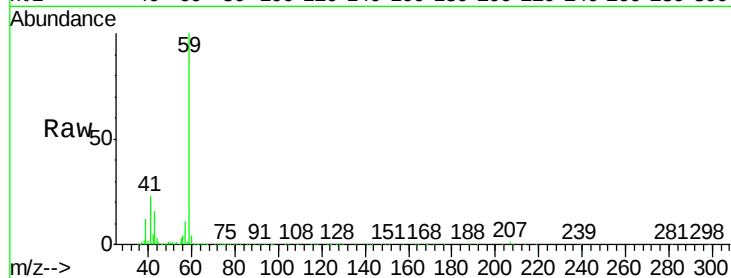
#11
Tert butyl alcohol
Concen: 95.423 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.9	13.3

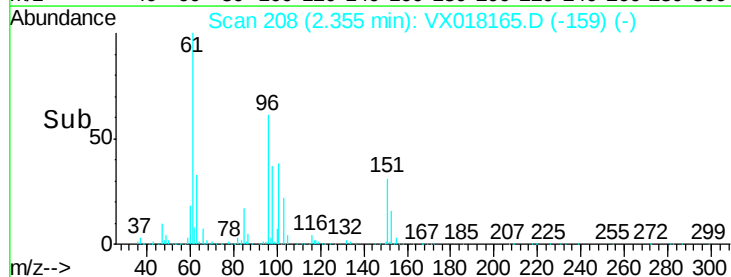
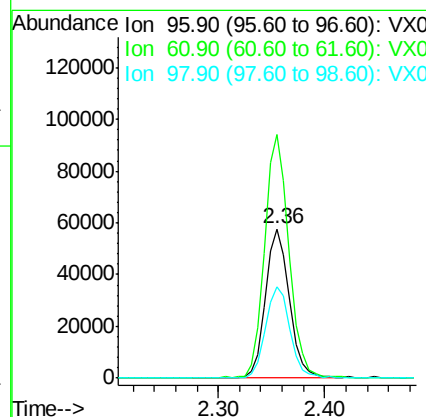
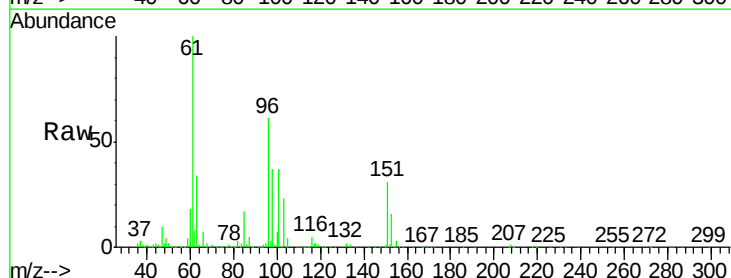
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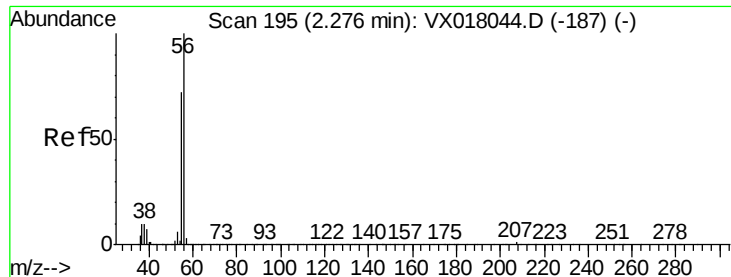
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#12
1,1-Dichloroethene
Concen: 20.746 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.9	133.0	199.4
98	60.8	51.6	77.4





#13

Acrolein

Concen: 70.916 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

Tot Ion: 56 Resp: 35776

Ion Ratio Lower Upper

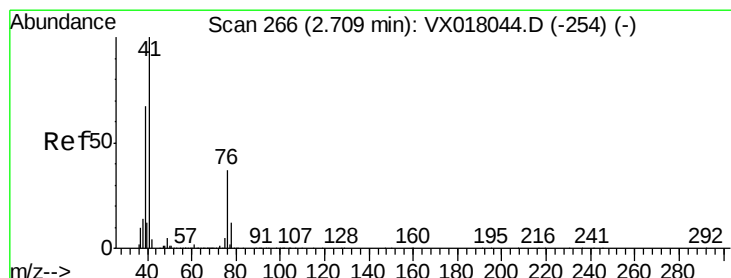
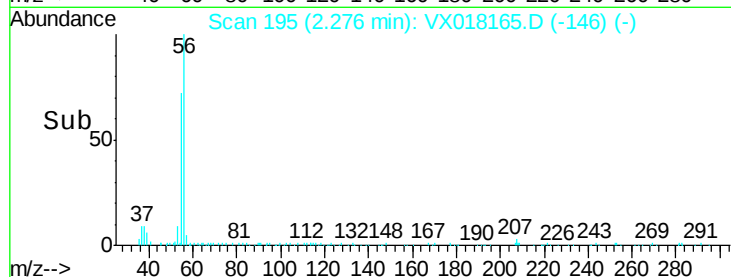
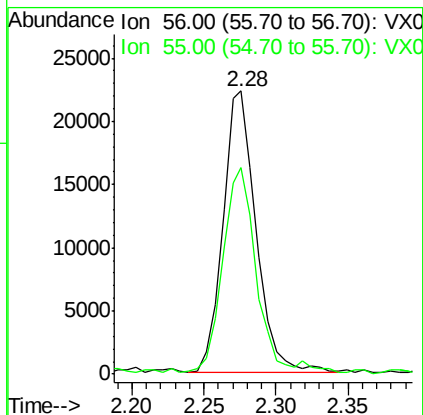
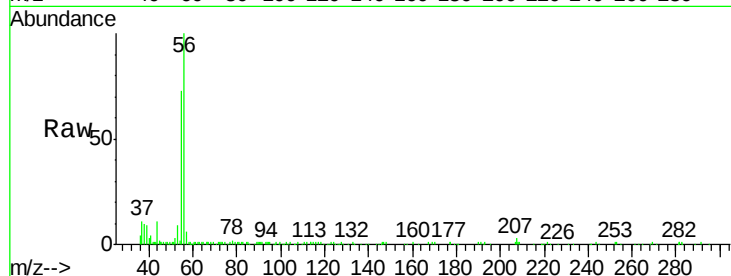
56 100

55 71.9 57.0 85.6

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#14

Allyl chloride

Concen: 20.065 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

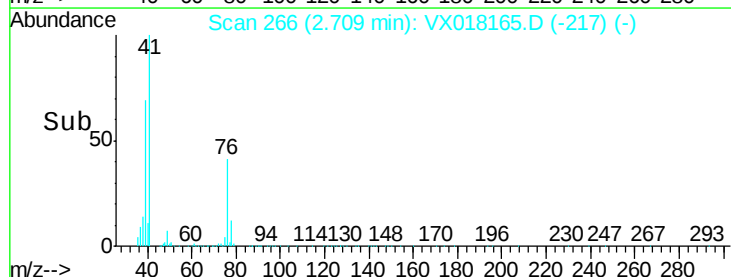
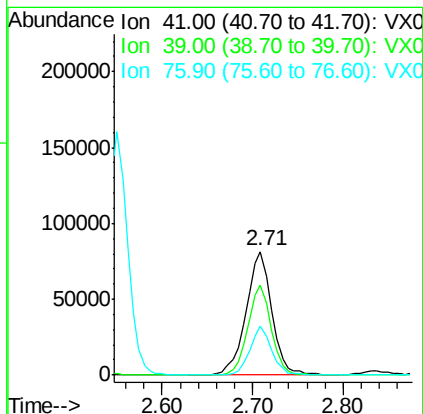
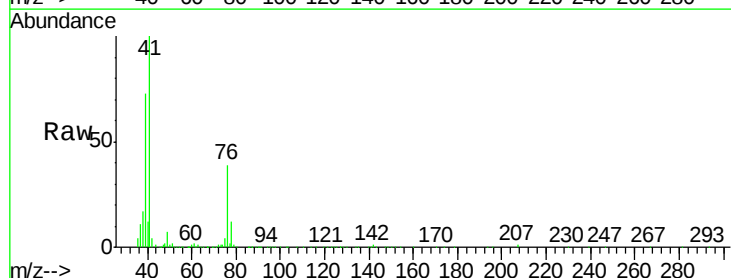
Tgt Ion: 41 Resp: 158793

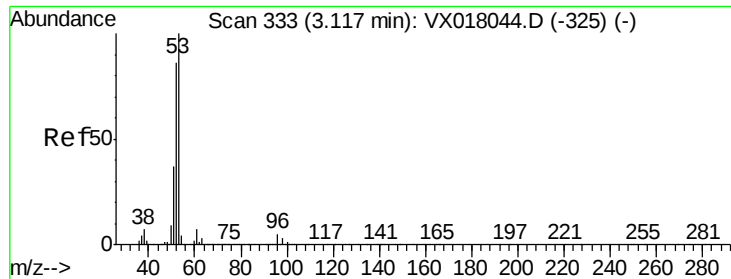
Ion Ratio Lower Upper

41 100

39 65.4 50.6 76.0

76 33.6 26.2 39.2





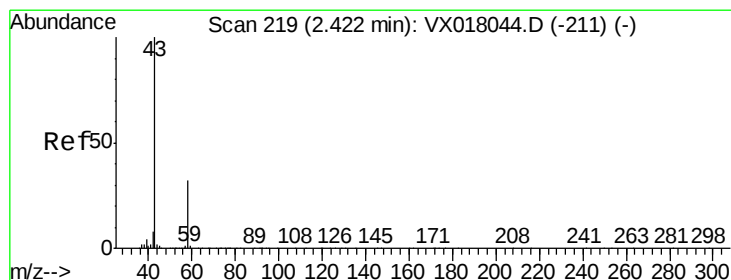
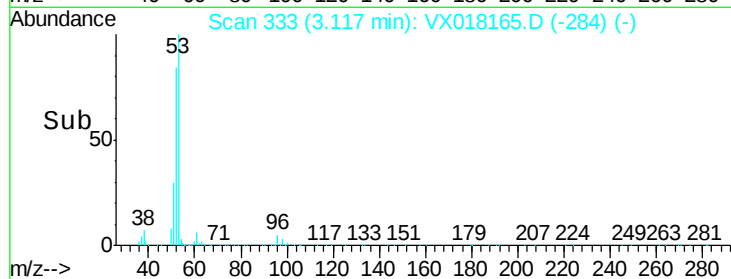
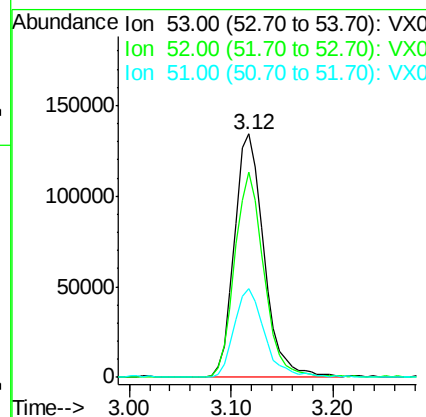
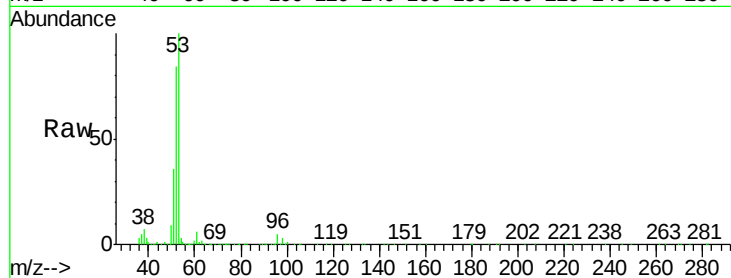
#15
 Acrylonitrile
 Concen: 97.259 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

Tot Ion:	53	Resp:	268424
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.9	100.3
51	37.4	28.7	43.1

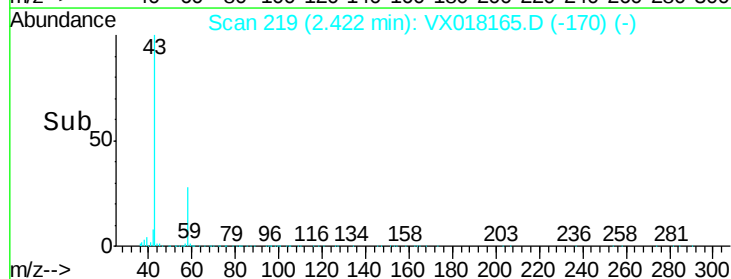
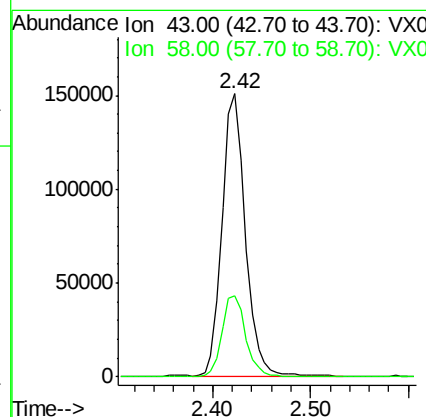
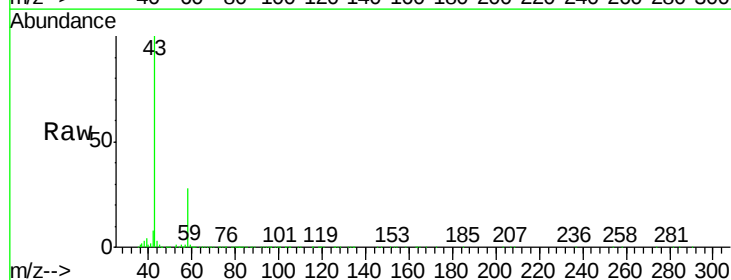
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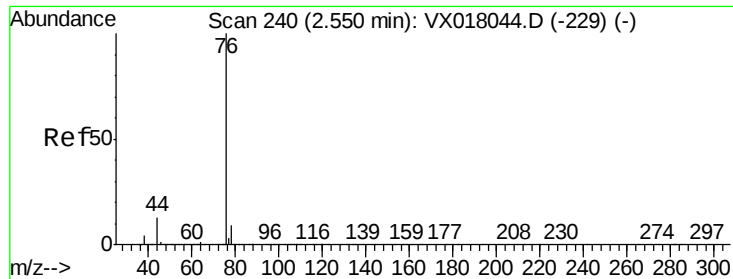
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#16
 Acetone
 Concen: 101.928 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion:	43	Resp:	248530
Ion Ratio	Lower	Upper	
43	100		
58	28.6	25.5	38.3





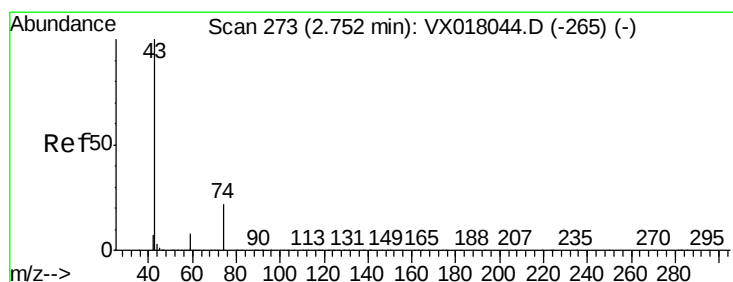
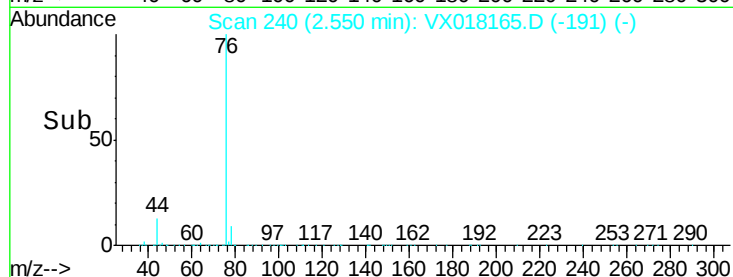
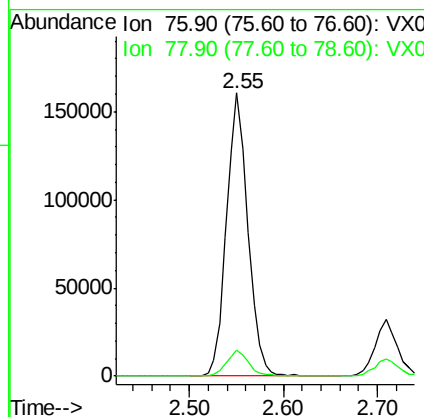
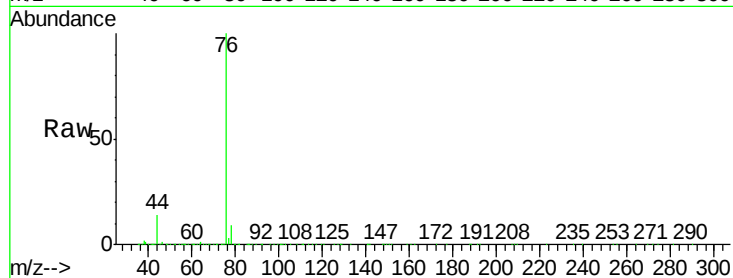
#17
Carbon Disulfide
Concen: 19.004 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

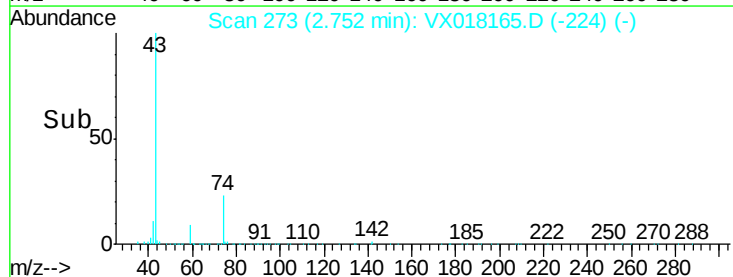
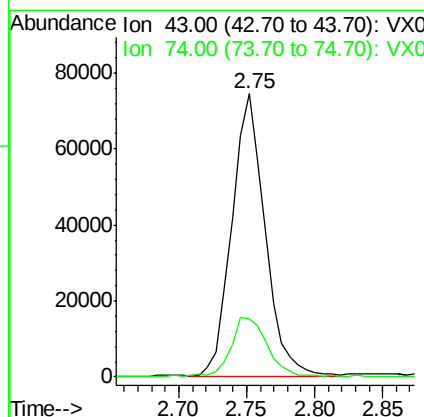
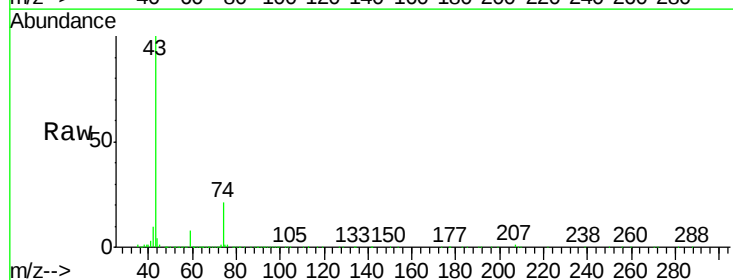
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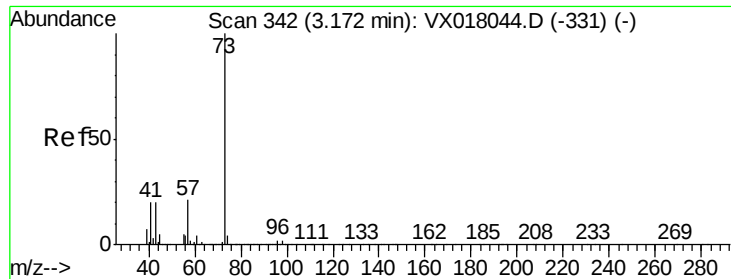
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#18
Methyl Acetate
Concen: 21.688 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.2	27.4





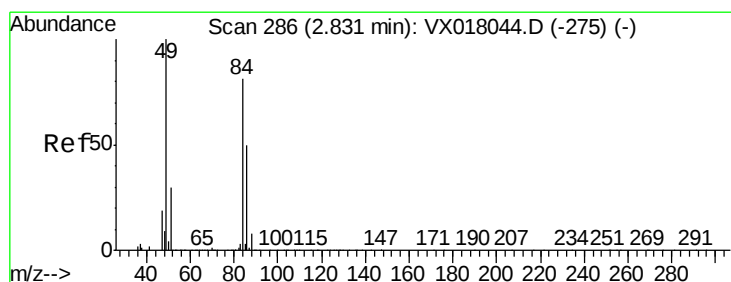
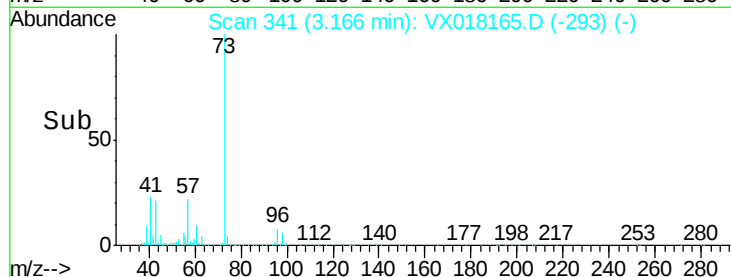
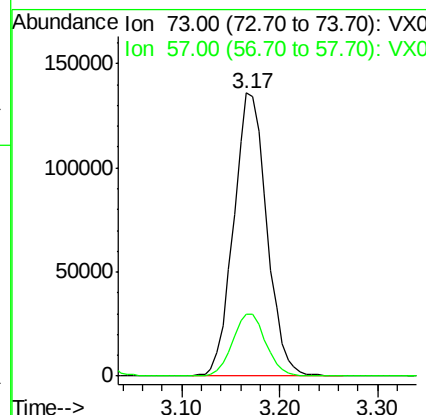
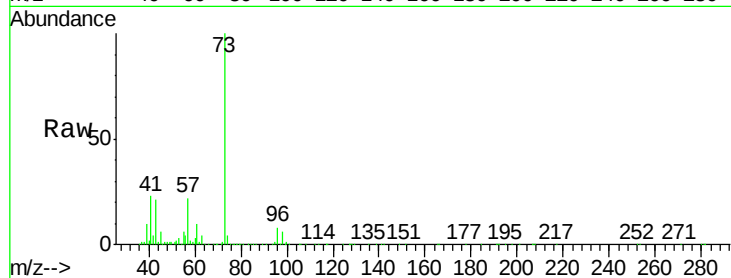
#19
Methvl tert-butvl Ether
Concen: 21.132 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.8	25.2

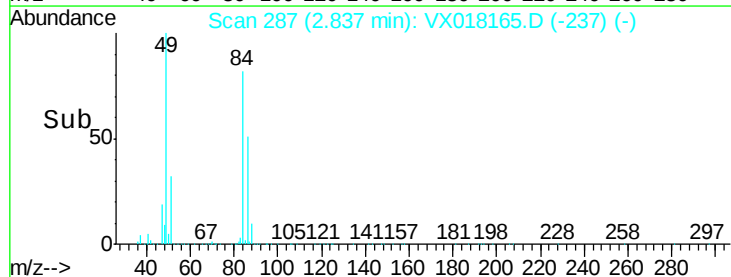
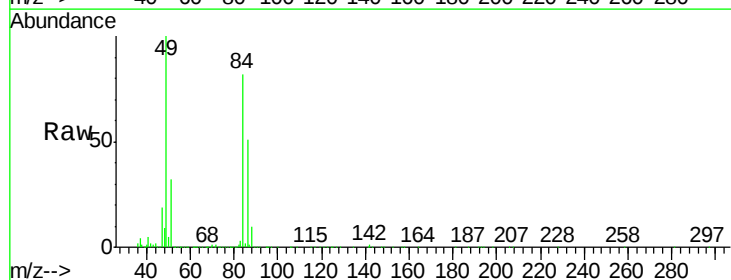
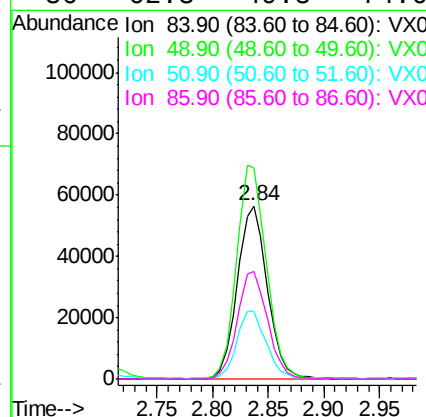
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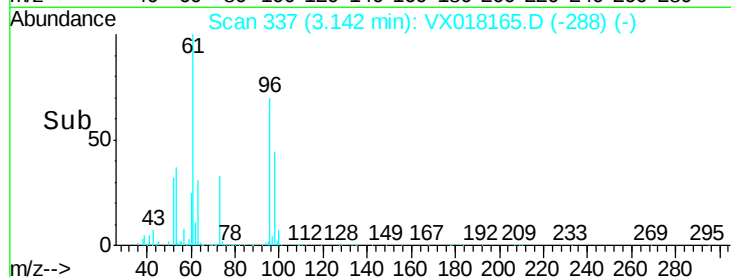
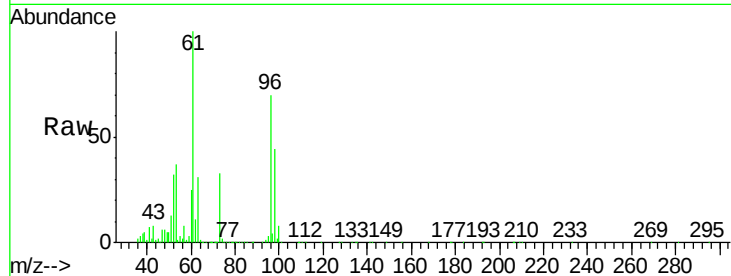
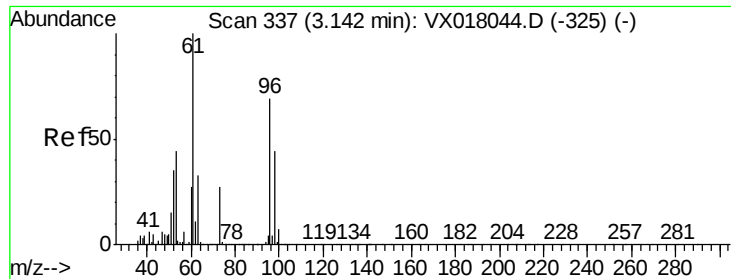
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#20
Methylene Chloride
Concen: 20.467 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.2	98.6	148.0
51	39.1	29.6	44.4
86	62.3	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 20.149 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tot Ion:	96	Resp:	98332
Ion Ratio	Lower	Upper	
96	100		
61	142.9	115.4	173.0
98	63.4	51.1	76.7

Instrument :

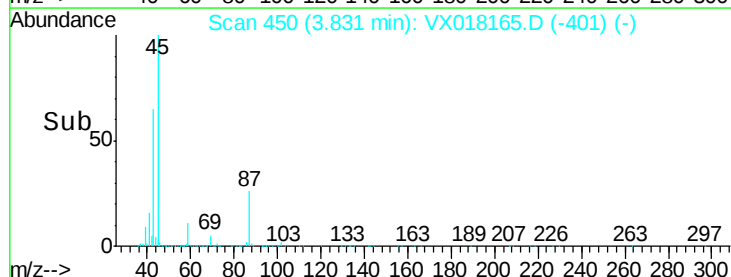
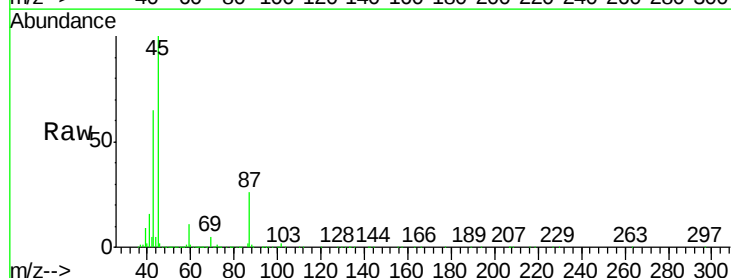
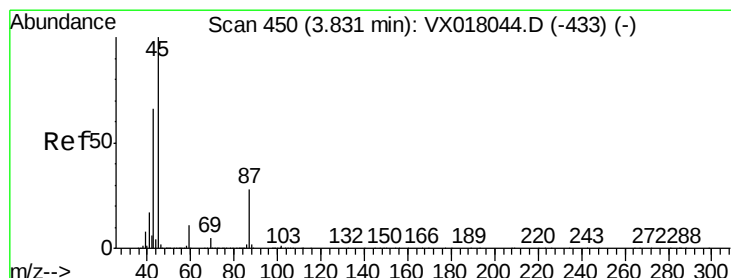
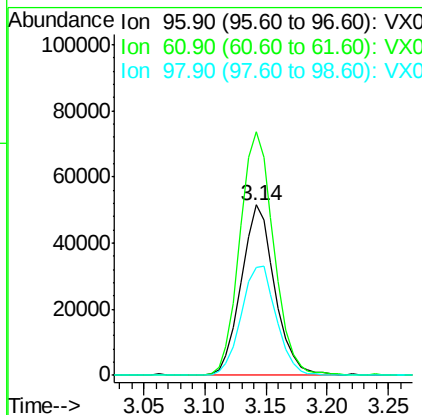
MSVOA_X

ClientSampleId :

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#22

Diisopropyl ether

Concen: 20.825 ug/l

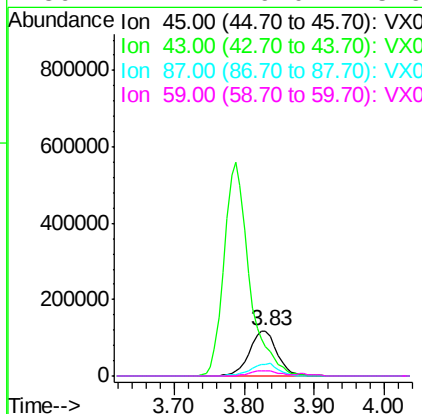
RT: 3.83 min Scan# 450

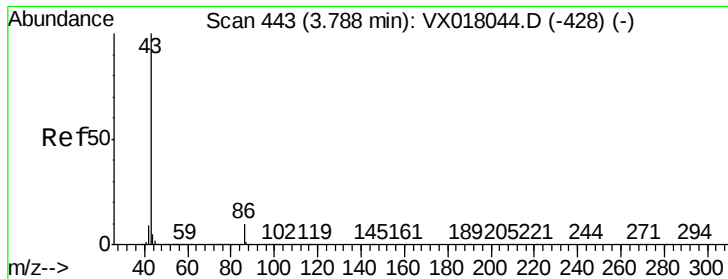
Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tgt Ion:	45	Resp:	325278
Ion Ratio	Lower	Upper	
45	100		
43	64.9	52.8	79.2
87	26.1	22.5	33.7
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 101.762 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tot Ion: 43 Resp: 1414333

Ion Ratio Lower Upper

43 100

86 10.5 7.9 11.9

Instrument :

MSVOA_X

ClientSampleId :

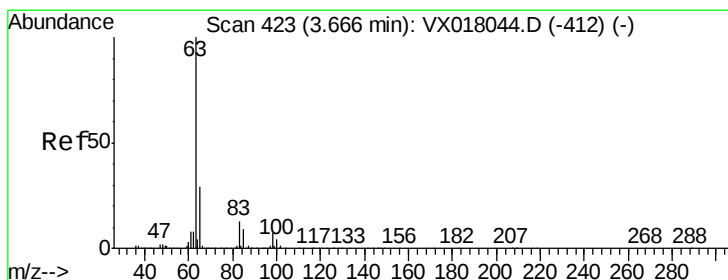
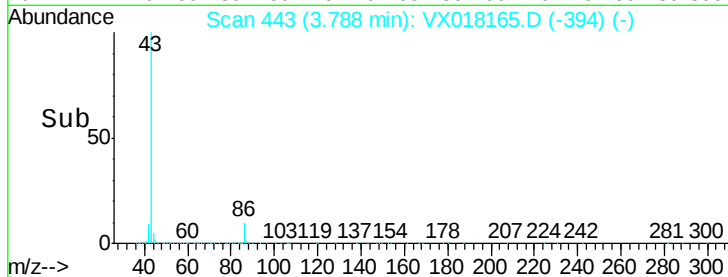
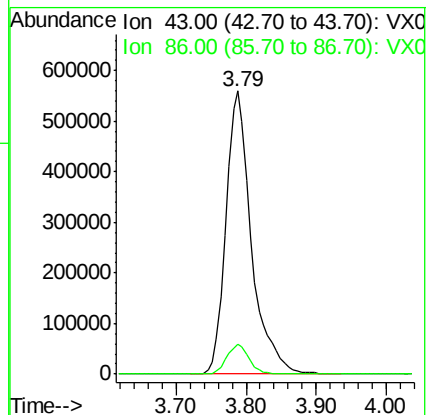
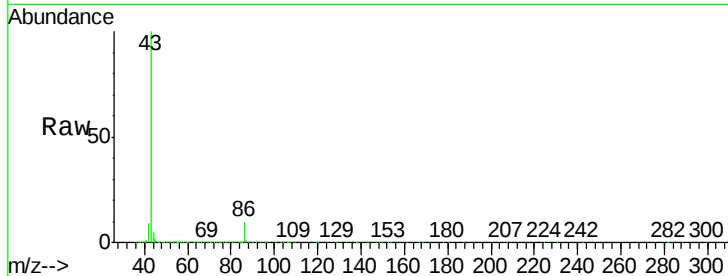
VX0831WBSD02

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#24

1,1-Dichloroethane

Concen: 20.853 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

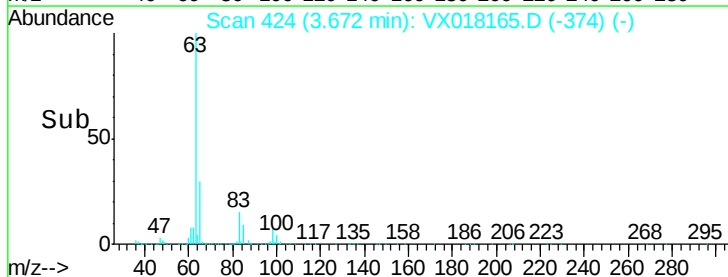
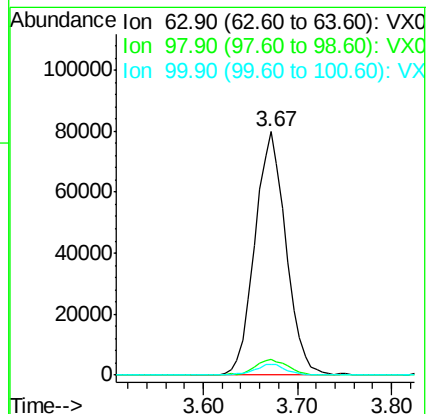
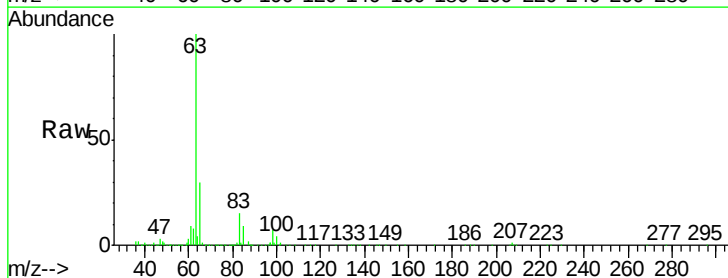
Tgt Ion: 63 Resp: 185409

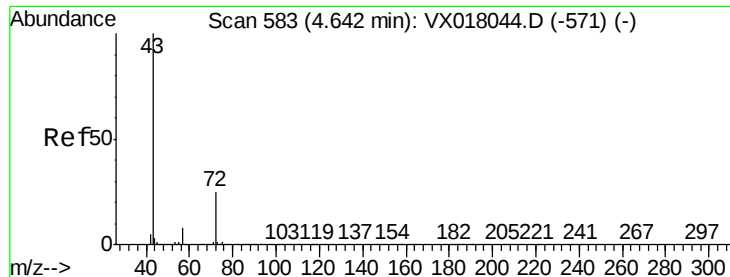
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 96.085 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tot Ion: 43 Resp: 385035

Ion Ratio Lower Upper

43 100

72 24.7 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

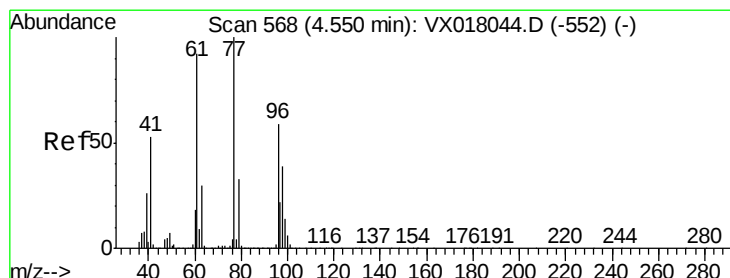
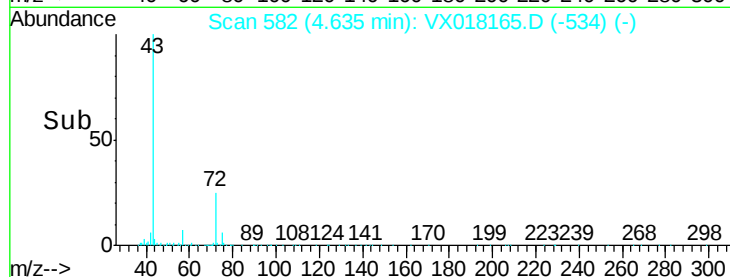
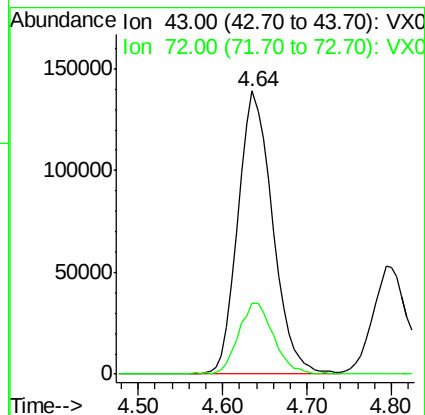
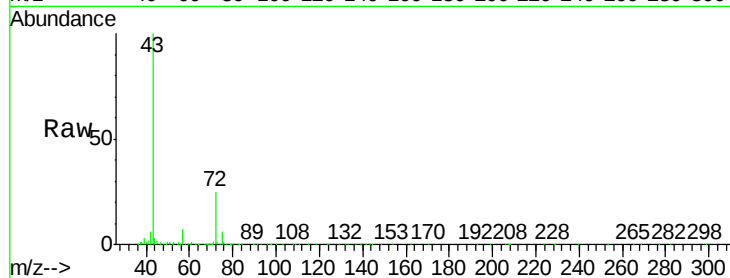
VX0831WBSD02

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#26

2,2-Dichloropropane

Concen: 17.648 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018165.D

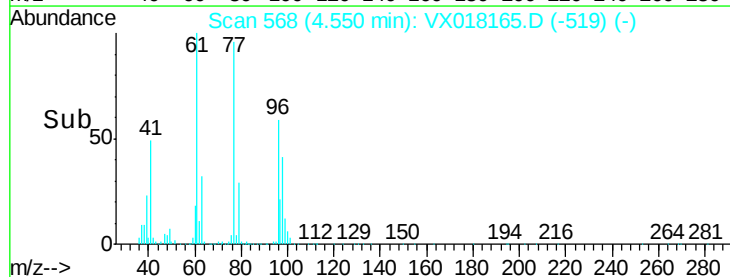
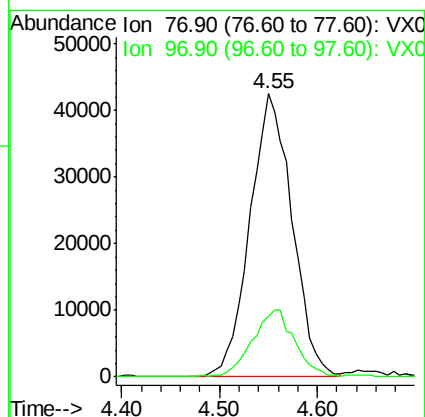
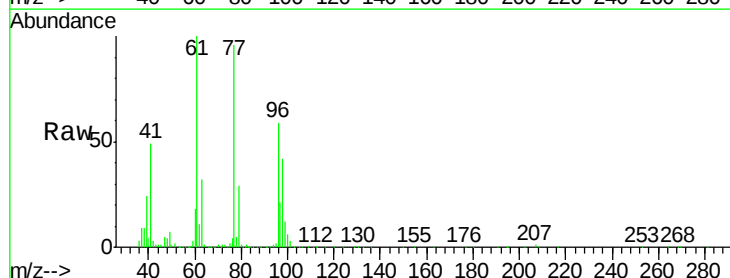
Acq: 31 Aug 2020 23:07

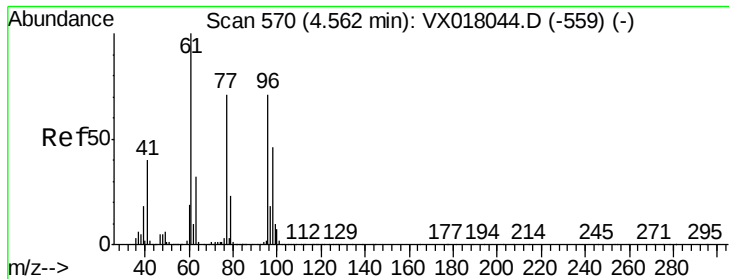
Tgt Ion: 77 Resp: 127675

Ion Ratio Lower Upper

77 100

97 23.9 11.5 34.5





#27

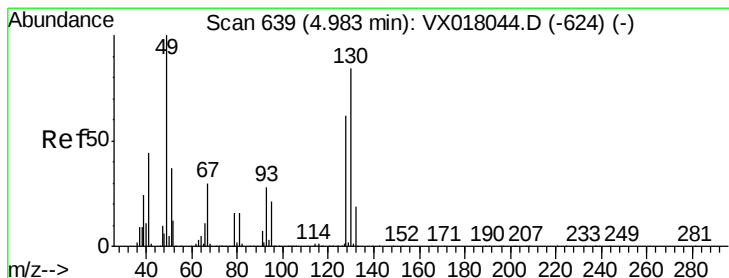
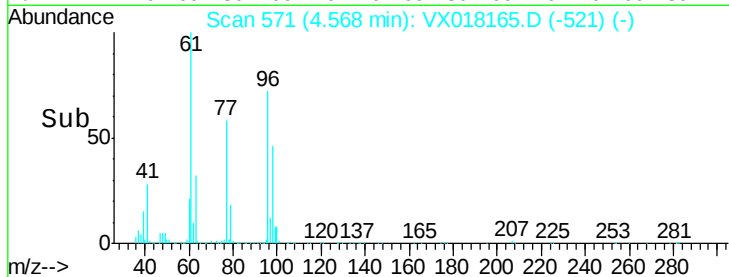
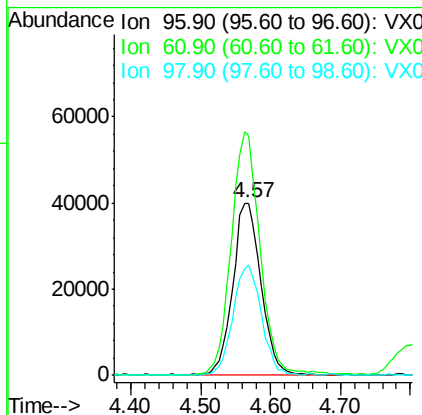
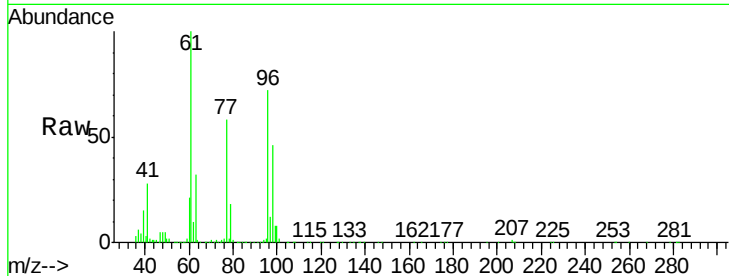
cis-1,2-Dichloroethene
 Concen: 20.032 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	112635		
61	144.4	0.0	296.6	
98	63.8	0.0	130.2	

Manual Integrations
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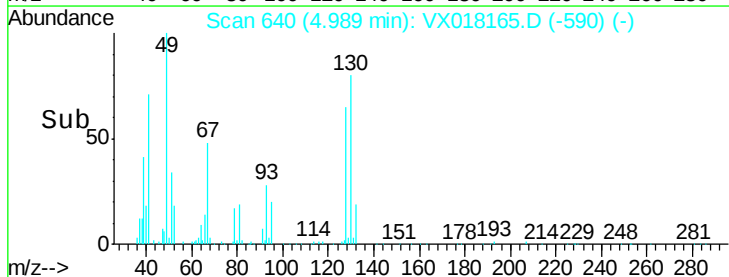
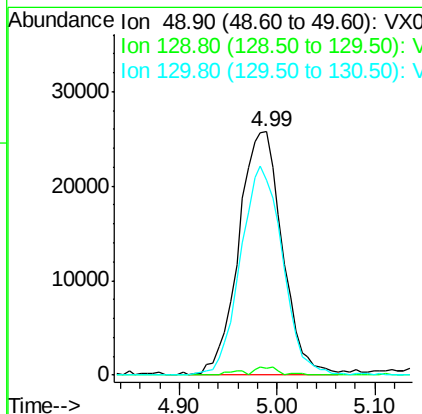
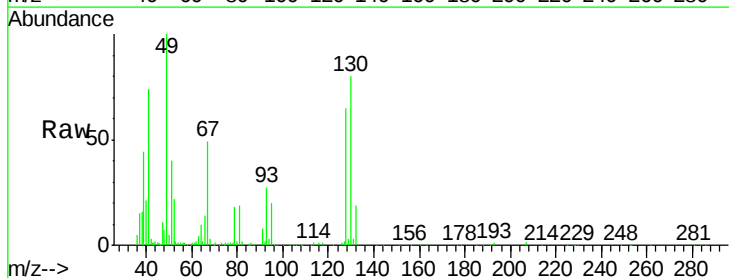
MMDadoda
 9/1/2020 9:08:24 AM



#28

Bromochloromethane
 Concen: 18.383 ug/l
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78898		
129	1.6	0.0	4.6	
130	83.9	64.6	96.8	





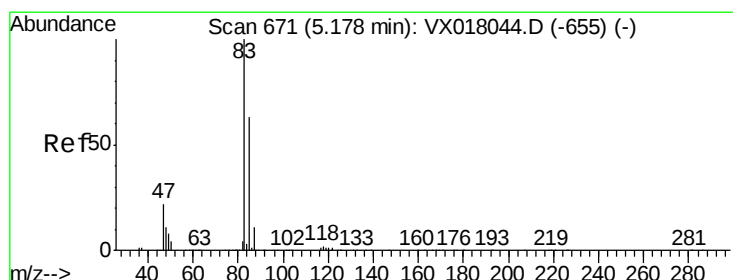
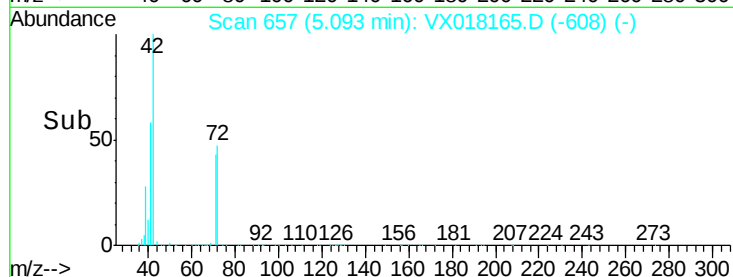
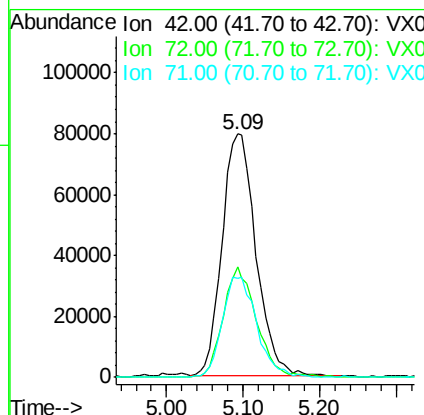
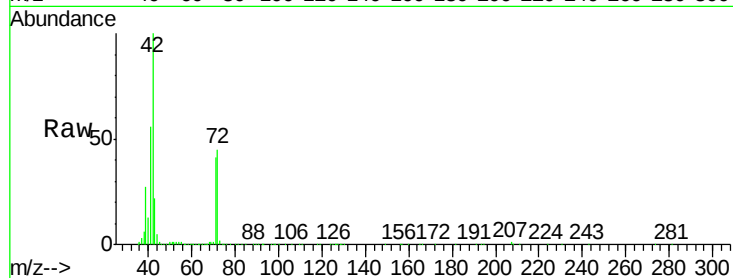
#29
Tetrahydrofuran
Concen: 95.642 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	34.2	51.4
71	42.1	32.1	48.1

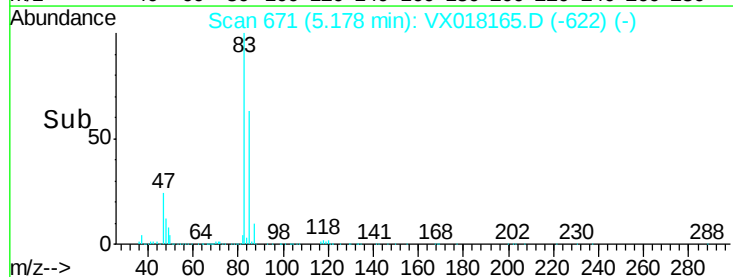
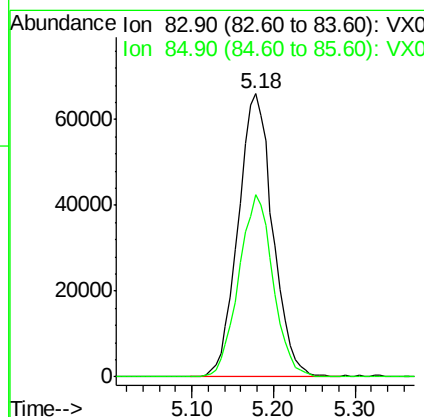
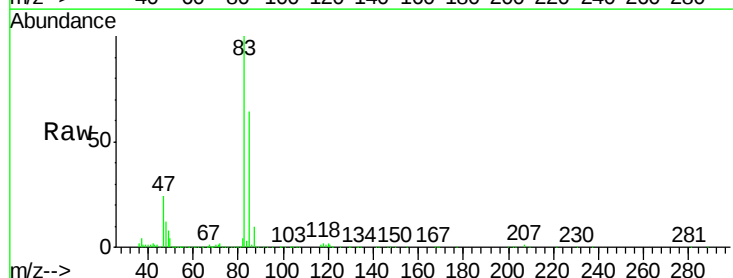
Manual Integrations
APPROVED

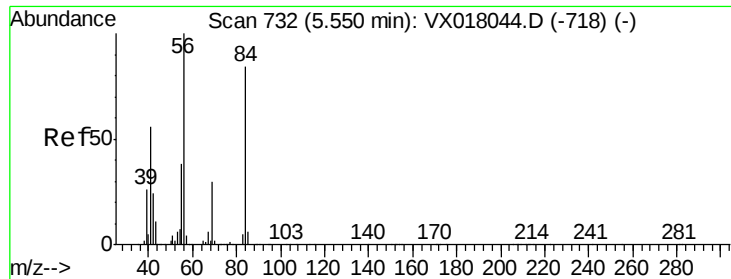
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9/1/2020 9:08:24 AM



#30
Chloroform
Concen: 20.997 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.7	76.1





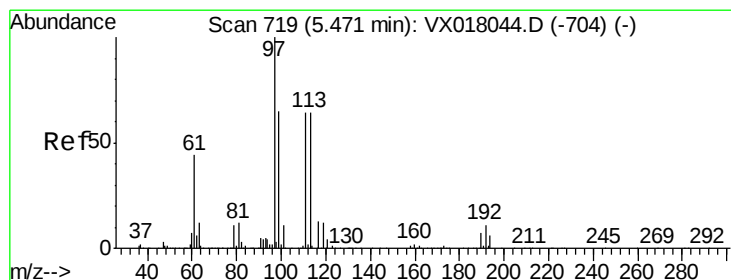
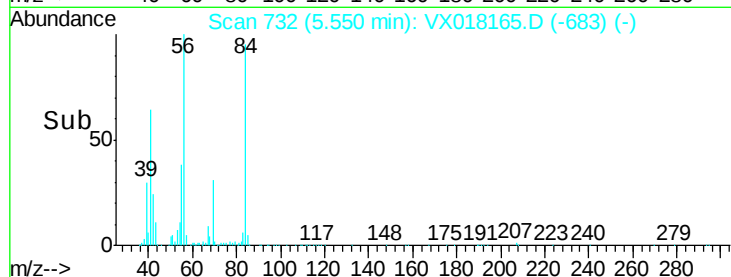
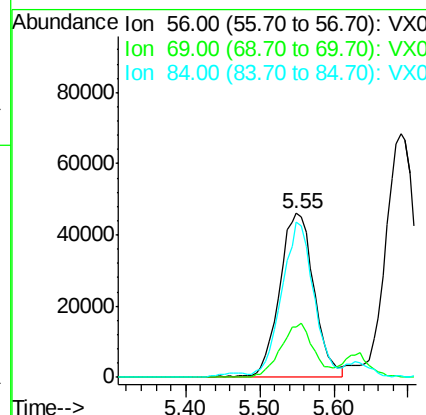
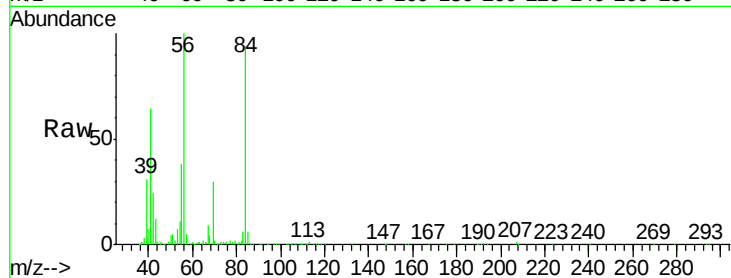
#31
Cyclohexane
Concen: 19.792 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.9	35.9
84	94.0	67.0	100.4

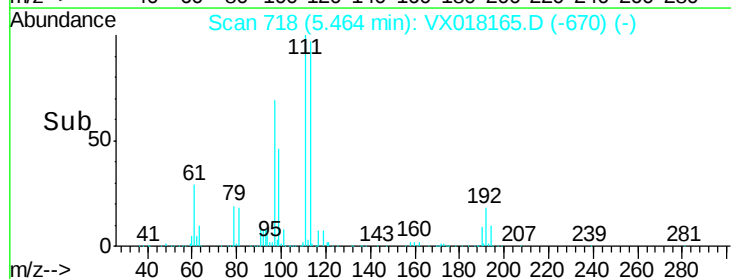
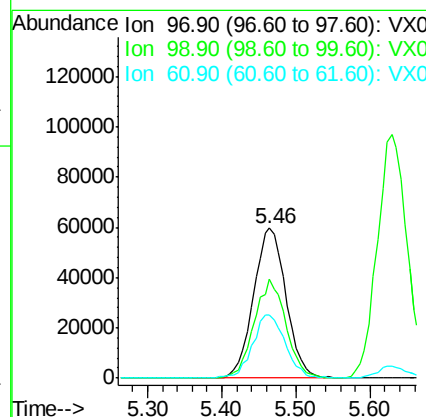
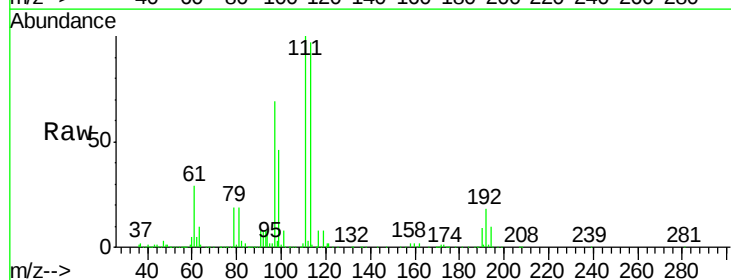
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 21.635 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	42.4	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 50.144 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

Tot Ion: 65 Resp: 313770

Ion Ratio Lower Upper

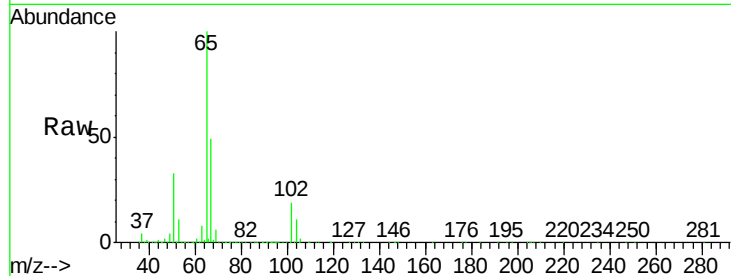
65 100

67 51.2 0.0 105.8

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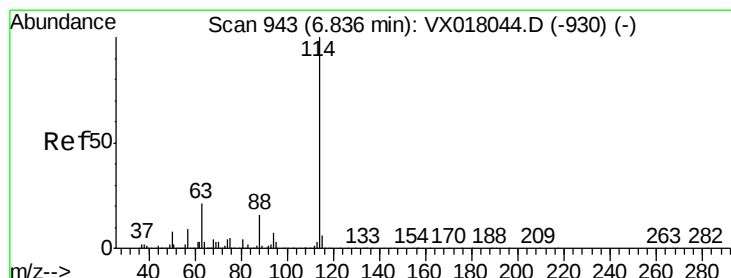
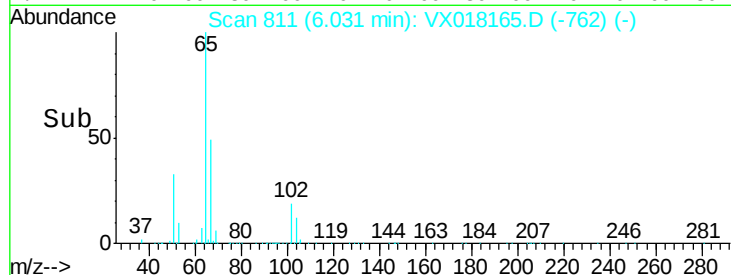
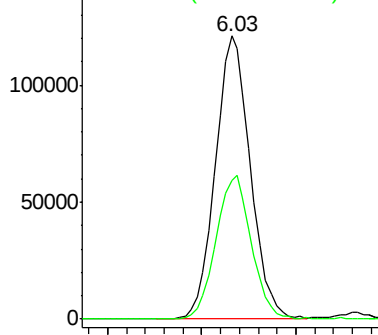
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

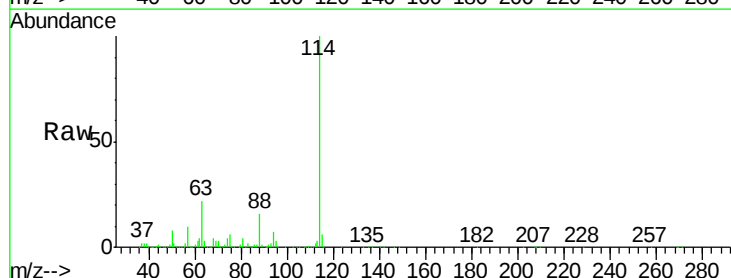
Tgt Ion: 114 Resp: 721310

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

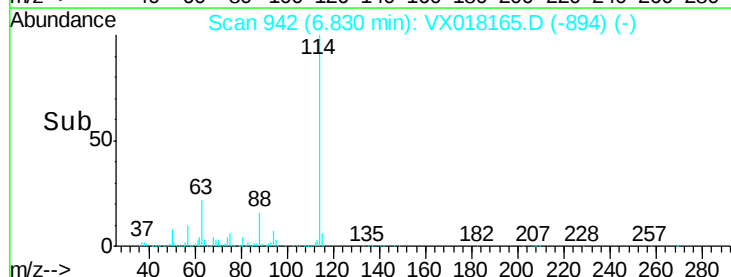
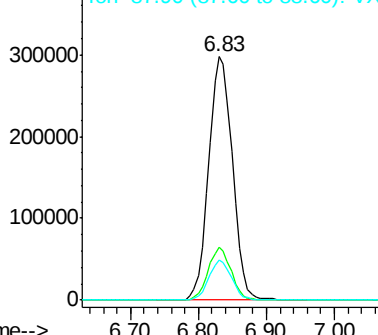
88 16.2 0.0 31.8

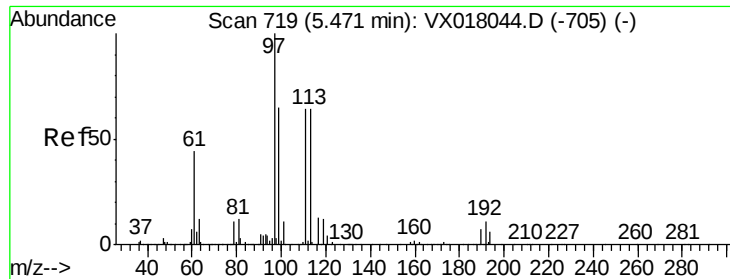


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.004 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

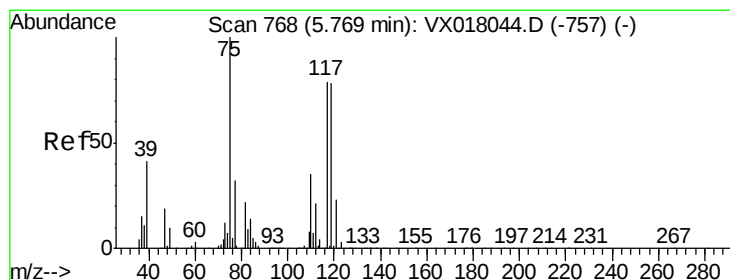
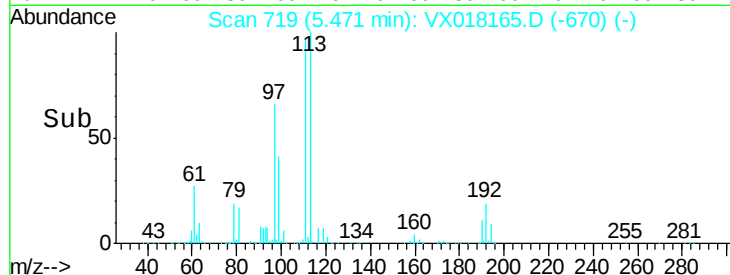
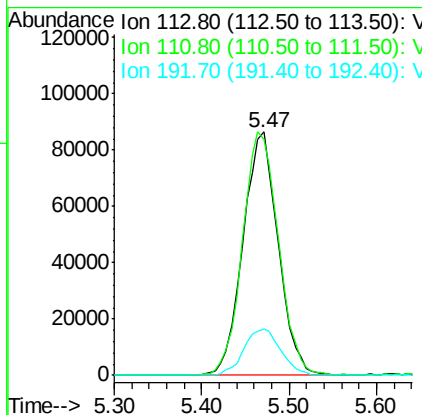
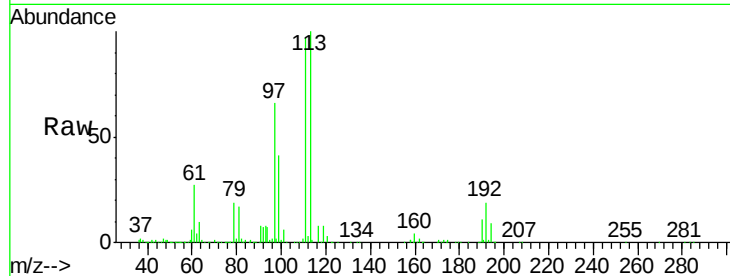
ClientSampleId :

VX0831WBSD02

Tot Ion:	113	Resp:	240731
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.6	122.4
192	20.1	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.573 ug/l

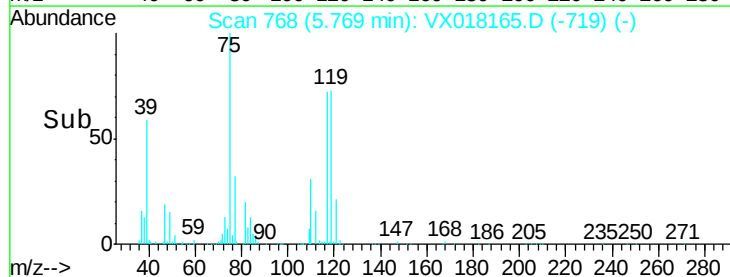
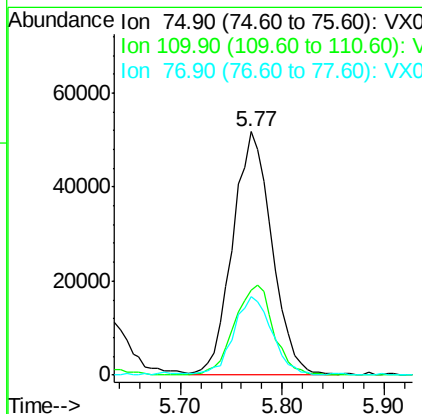
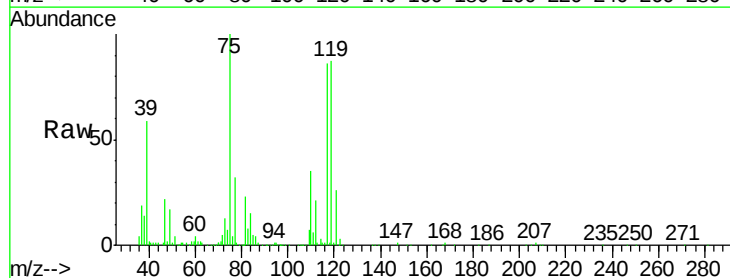
RT: 5.77 min Scan# 768

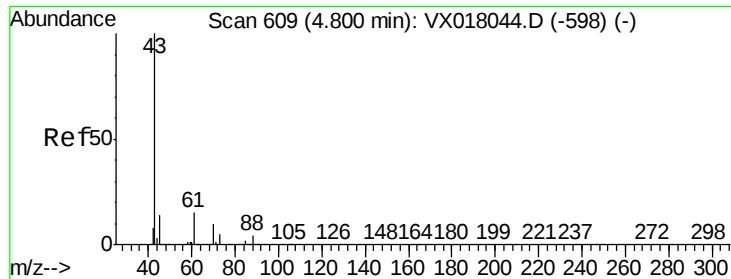
Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tgt Ion:	75	Resp:	136874
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.0	54.0
77	31.9	24.4	36.6





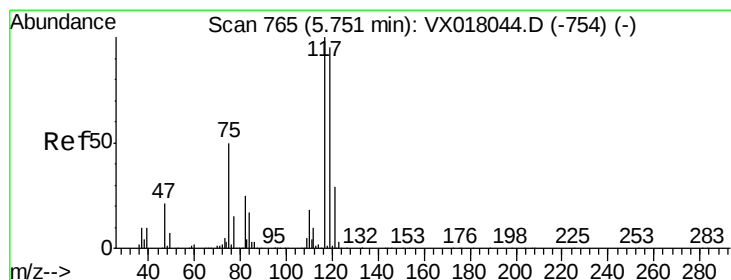
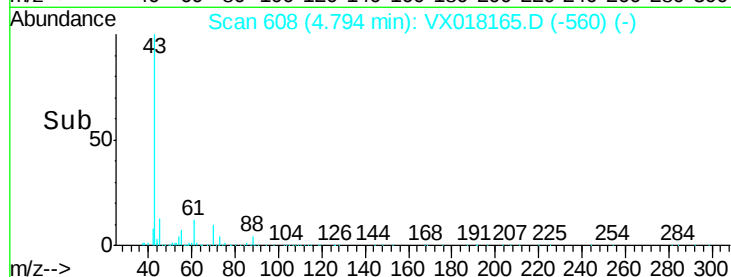
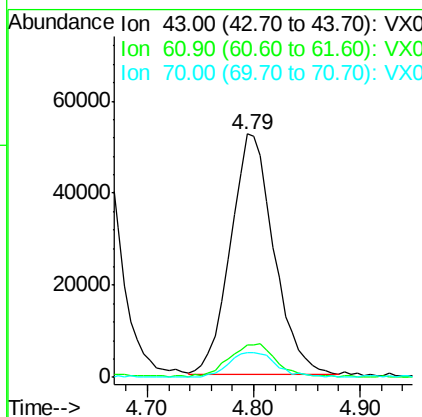
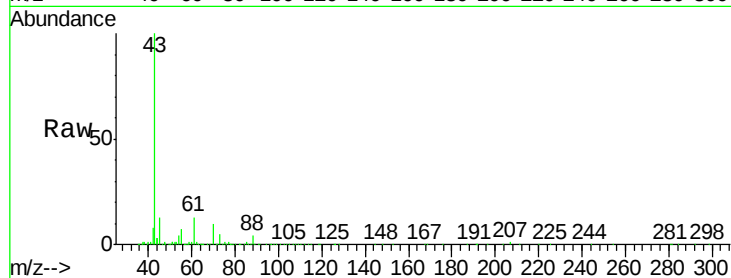
#37
Ethyl Acetate
Concen: 19.319 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampled :
VX0831WBSD02

Tot Ion	43	Resp	149280
Ion Ratio	Lower	Upper	
43	100		
61	14.2	11.3	16.9
70	11.5	8.2	12.4

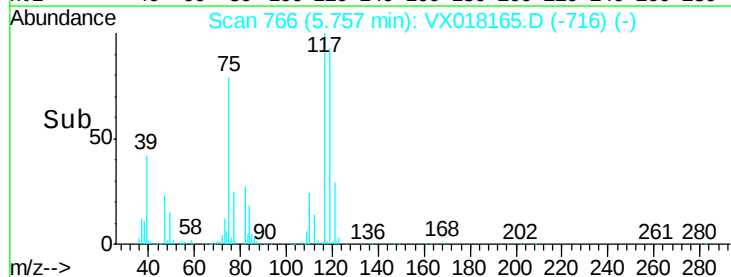
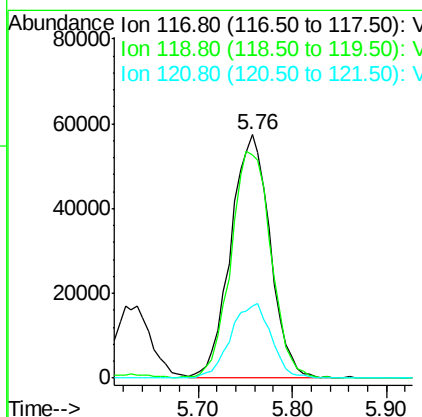
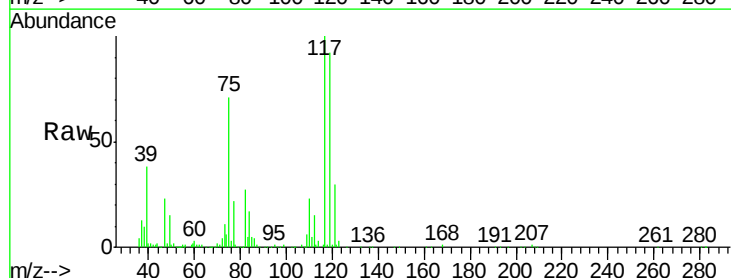
Manual Integrations
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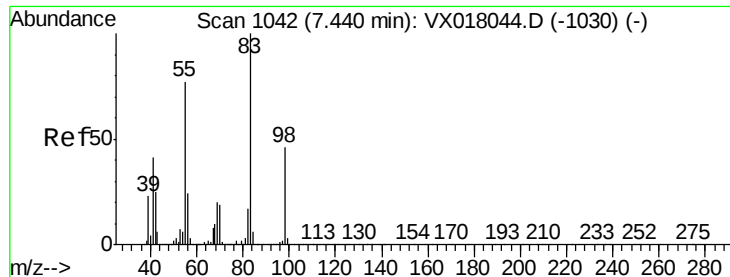
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#38
Carbon Tetrachloride
Concen: 22.410 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	117	Resp	168022
Ion Ratio	Lower	Upper	
117	100		
119	91.6	75.8	113.6
121	29.6	23.4	35.0





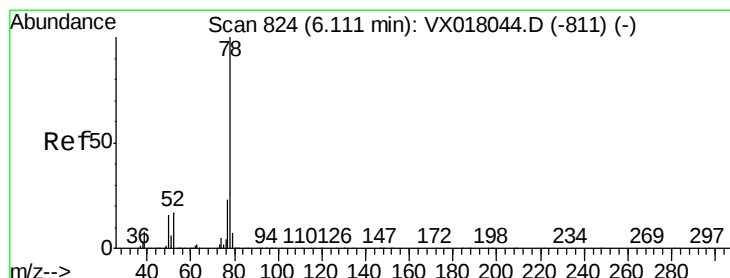
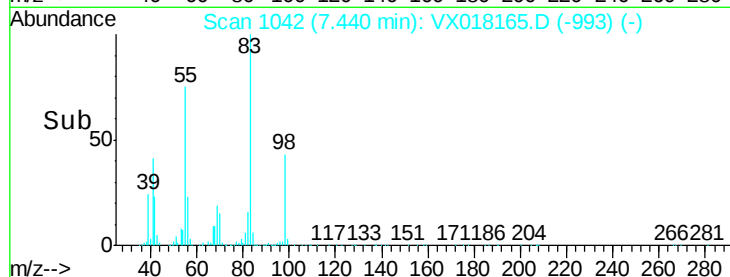
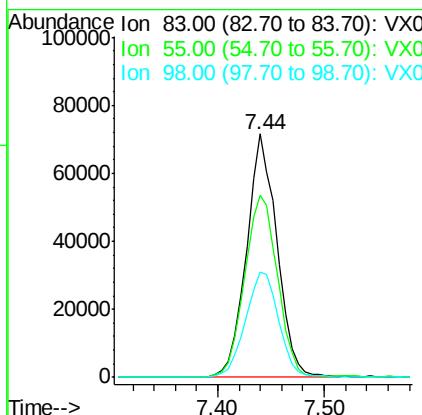
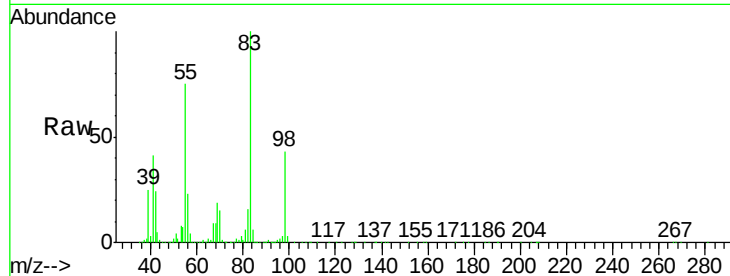
#39
Methvlcvclohexane
Concen: 19.826 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	61.8	92.6
98	43.2	36.6	55.0

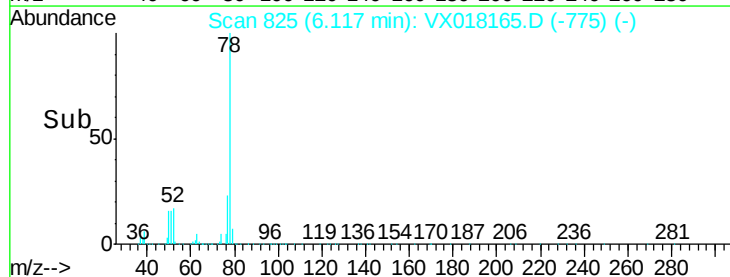
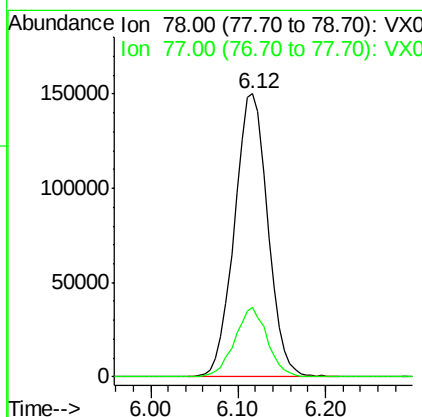
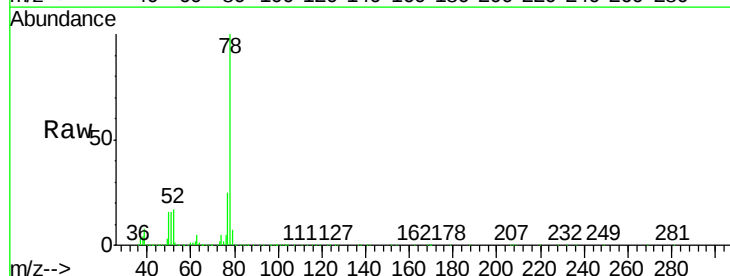
Manual Integrations
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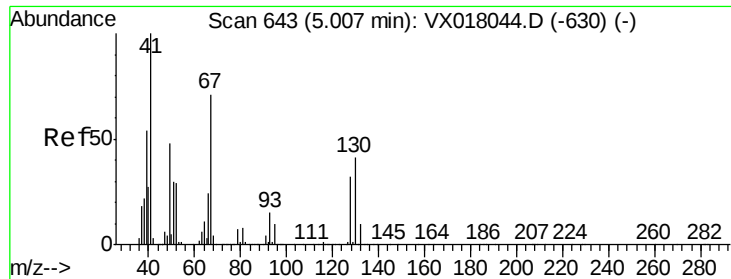
MMDadoda
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#40
Benzene
Concen: 20.376 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.2	27.2





#41

Methacrylonitrile

Concen: 19.530 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

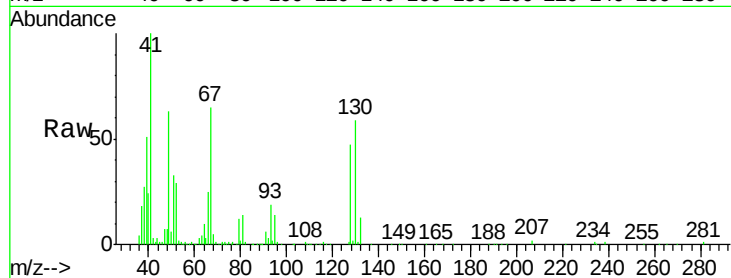
ClientSampleId :

VX0831WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	43.1	64.7	
67	69.0	56.0	84.0	
52	31.1	22.7	34.1	

Manual Integrations
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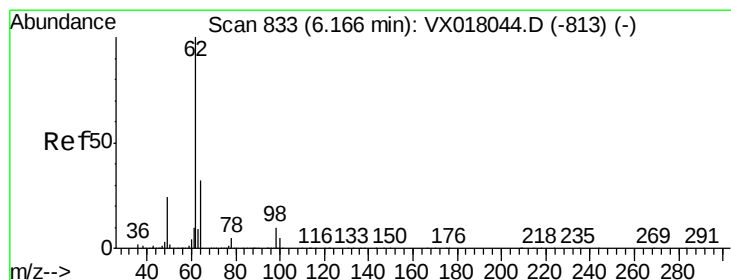
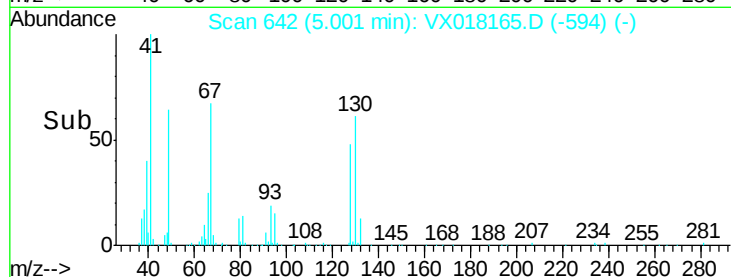
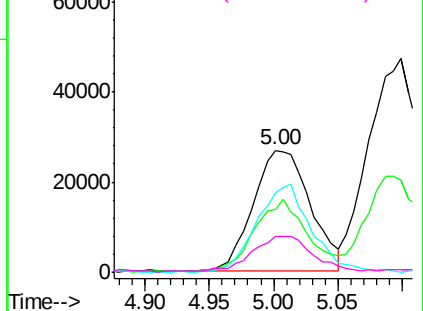


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.929 ug/l

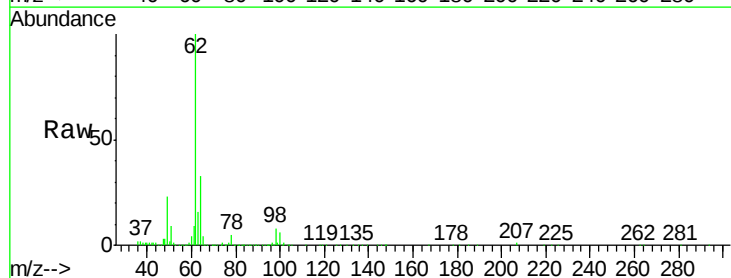
RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX018165.D

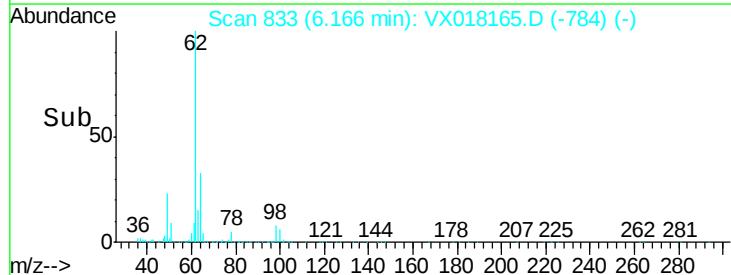
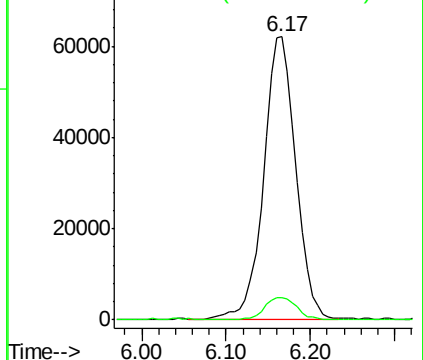
Acq: 31 Aug 2020 23:07

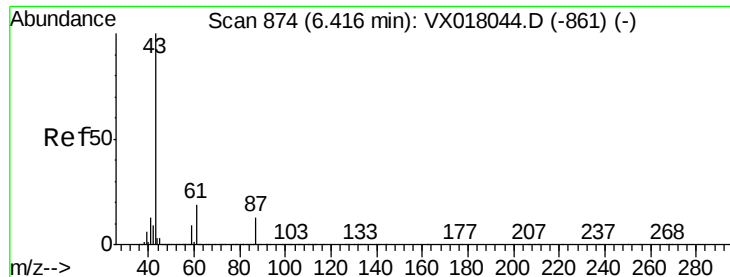
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	18.2	



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

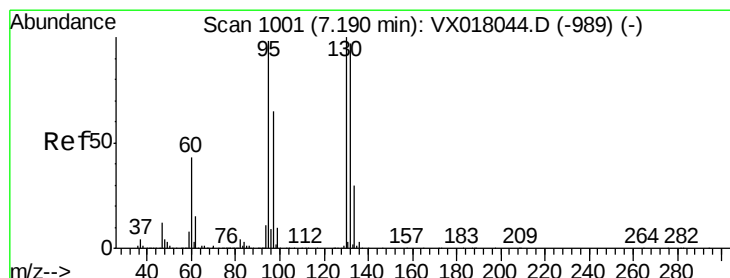
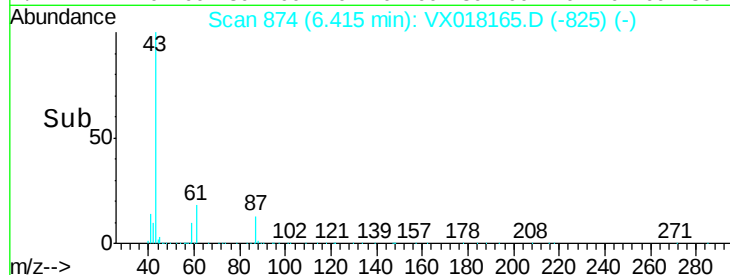
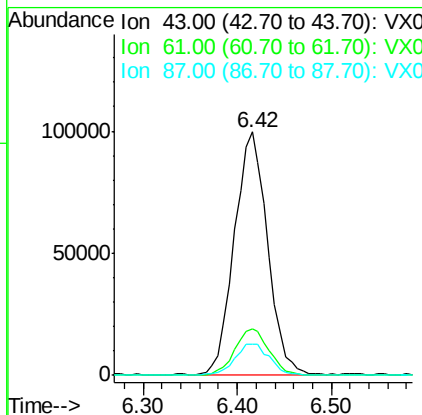
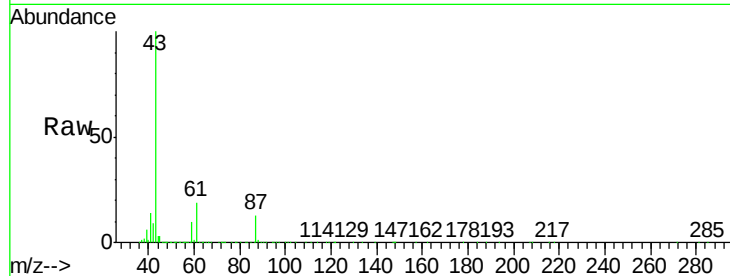
Isopropyl Acetate
 Concen: 19.534 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.7	23.5
87	13.7	10.3	15.5

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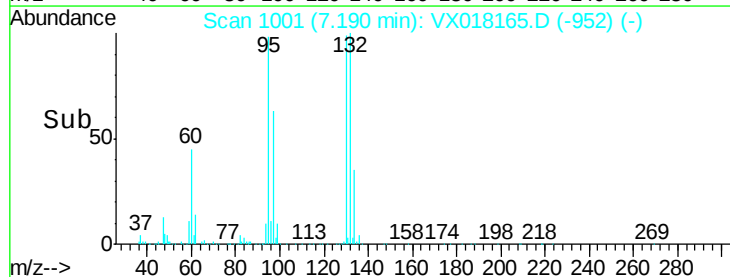
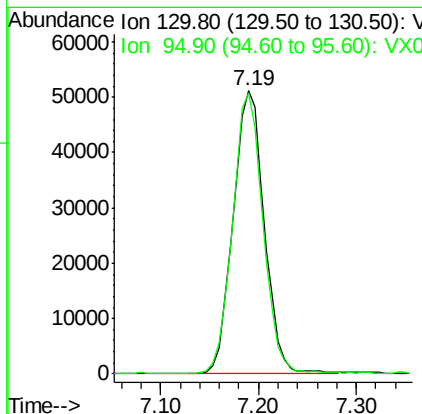
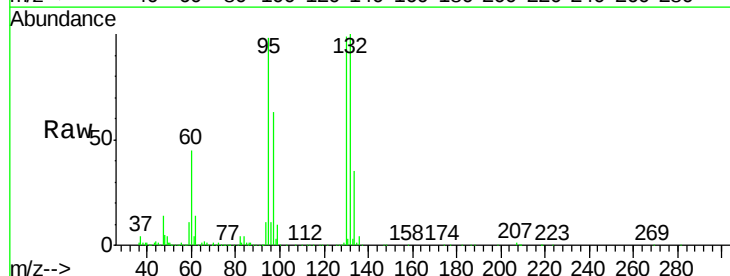
MMDadoda
 9/1/2020 9:08:24 AM

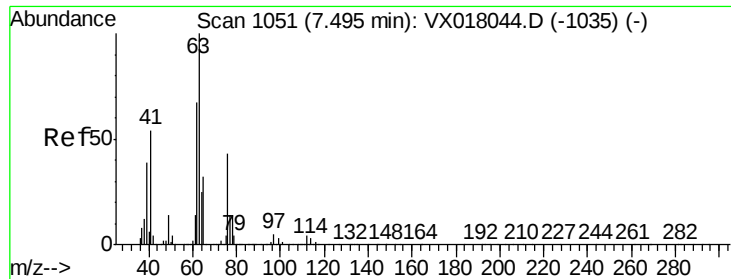


#44

Trichloroethene
 Concen: 20.486 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	196.4





#45

1,2-Dichloropropane

Concen: 20.120 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

Tot Ion: 63 Resp: 106008

Ion Ratio Lower Upper

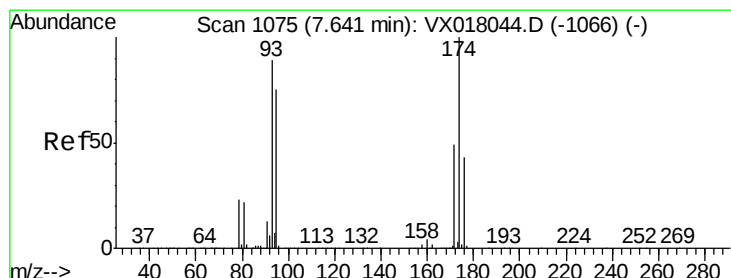
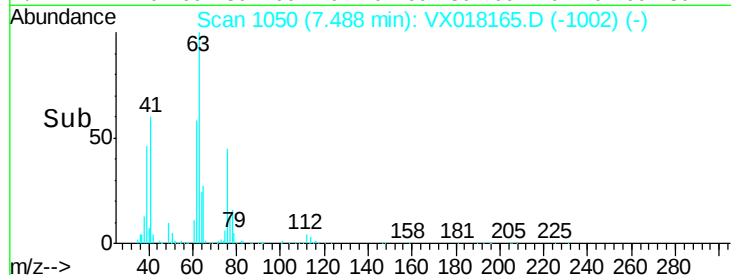
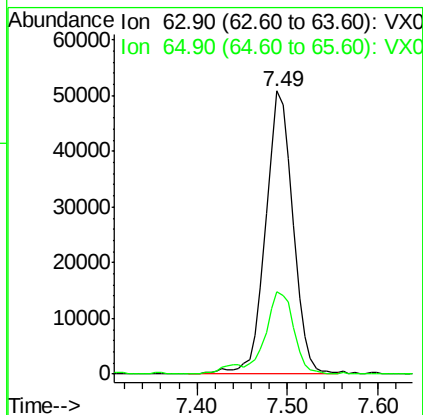
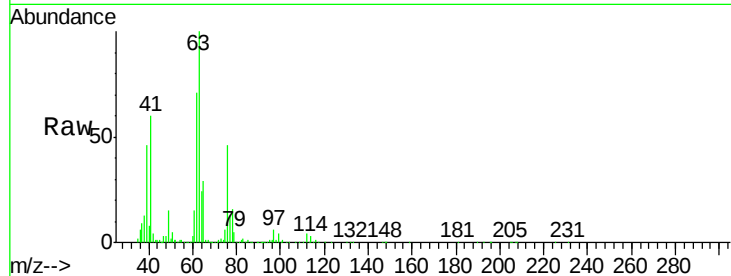
63 100

65 29.1 25.7 38.5

Manual Integrations
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#46

Dibromomethane

Concen: 20.669 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

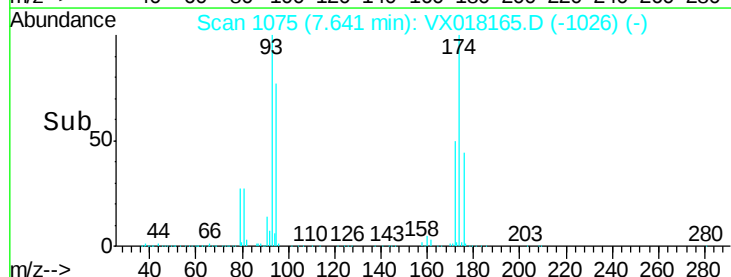
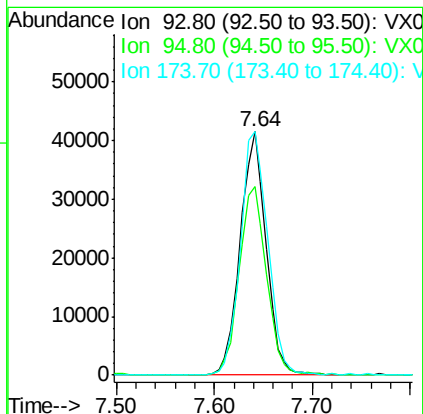
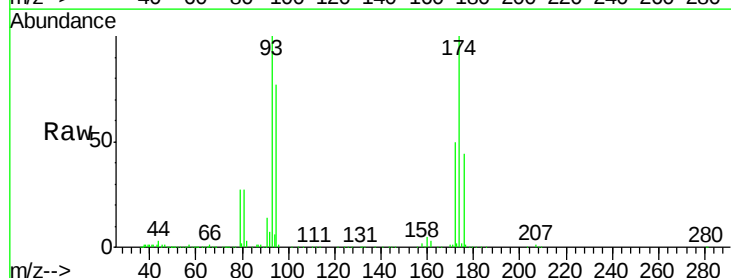
Tgt Ion: 93 Resp: 76581

Ion Ratio Lower Upper

93 100

95 82.0 67.3 100.9

174 105.0 82.2 123.2





#47

Bromodichloromethane

Concen: 21.564 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

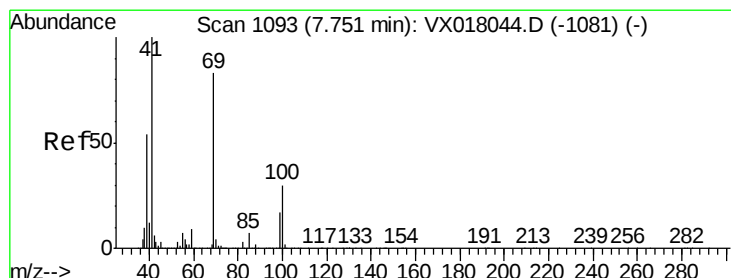
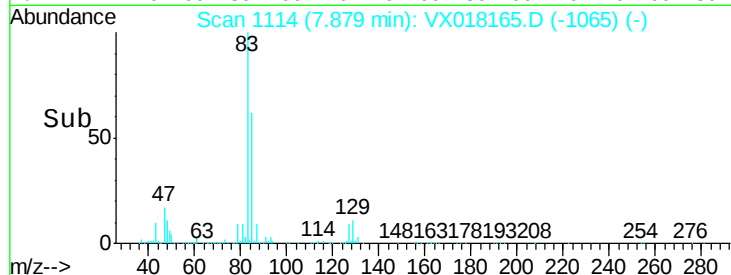
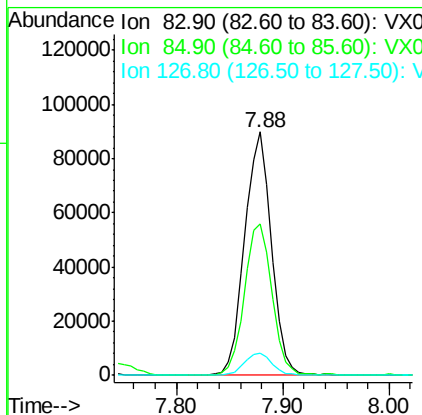
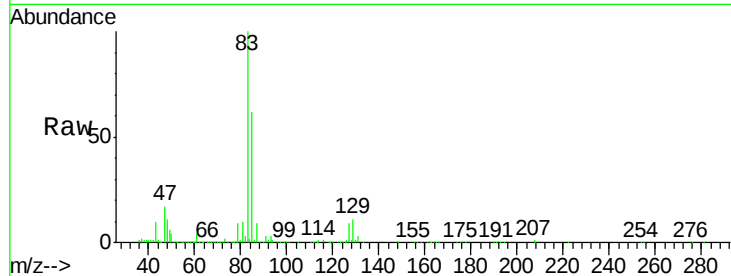
ClientSampleId :

VX0831WBSD02

Tot Ion:	83	Resp:	159531
Ion Ratio	Lower	Upper	
83	100		
85	62.1	51.8	77.6
127	9.0	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.134 ug/l

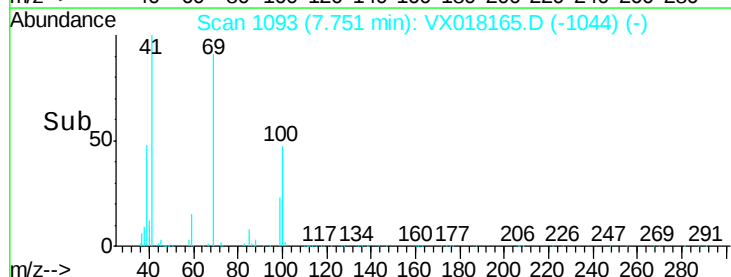
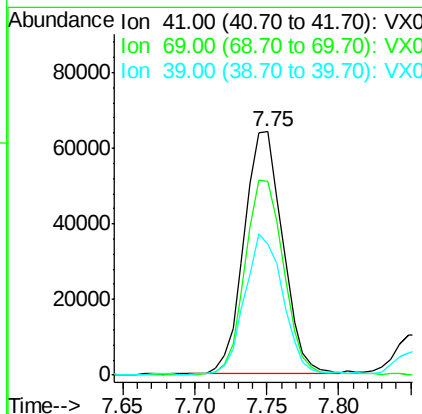
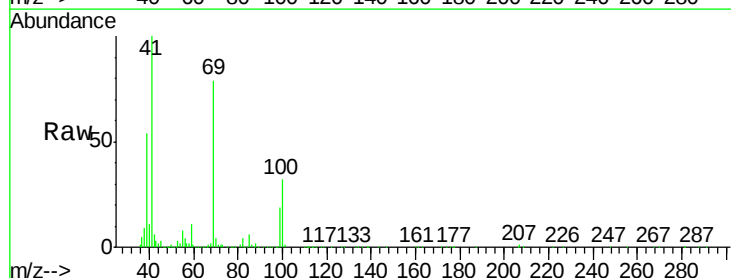
RT: 7.75 min Scan# 1093

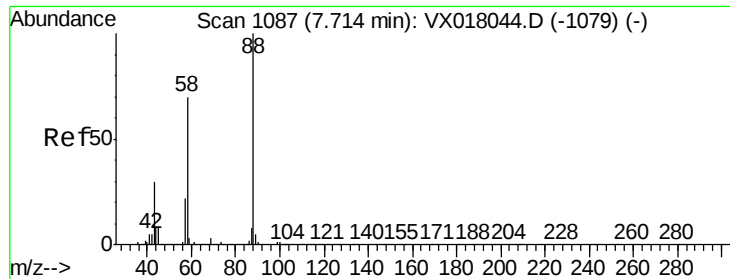
Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tgt Ion:	41	Resp:	118876
Ion Ratio	Lower	Upper	
41	100		
69	81.2	65.5	98.3
39	57.1	44.5	66.7





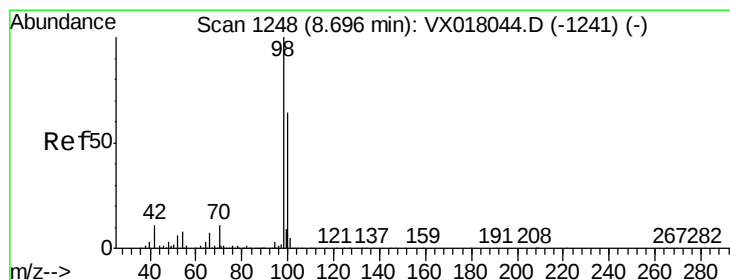
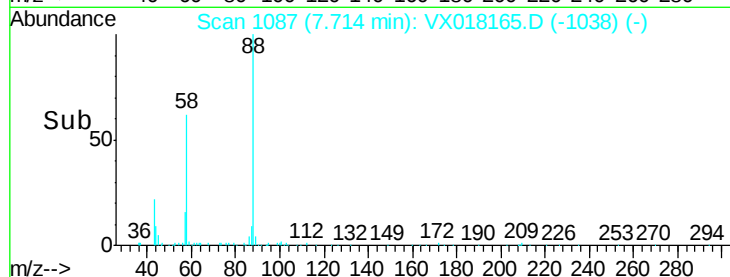
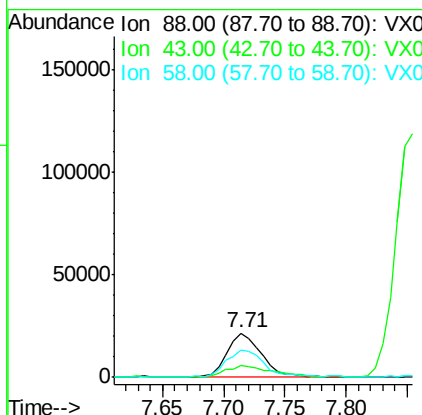
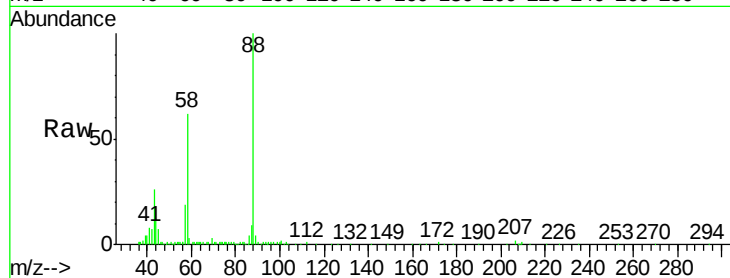
#49
1,4-Dioxane
Concen: 372.208 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.4	41.0
58	70.1	56.4	84.6

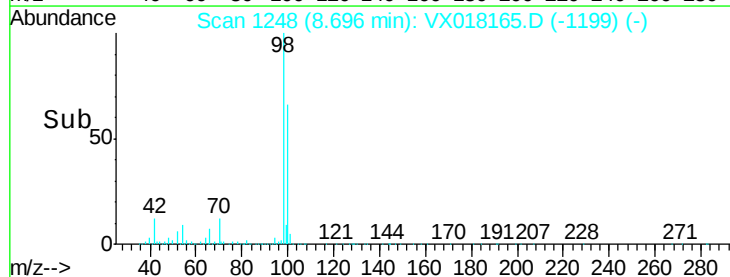
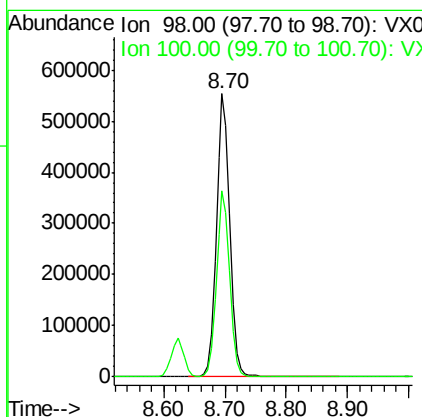
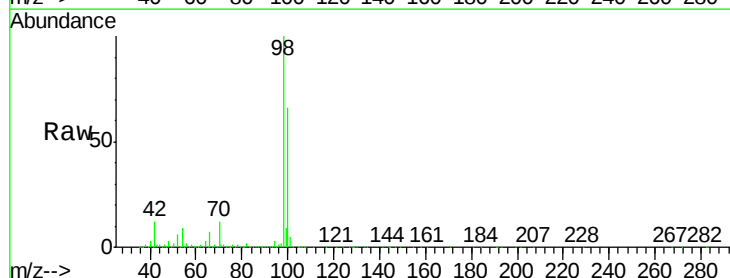
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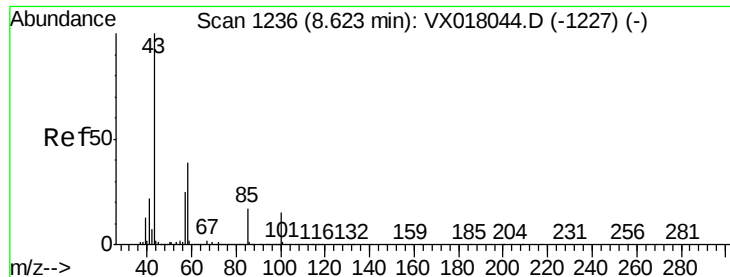
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#50
Toluene-d8
Concen: 47.014 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4





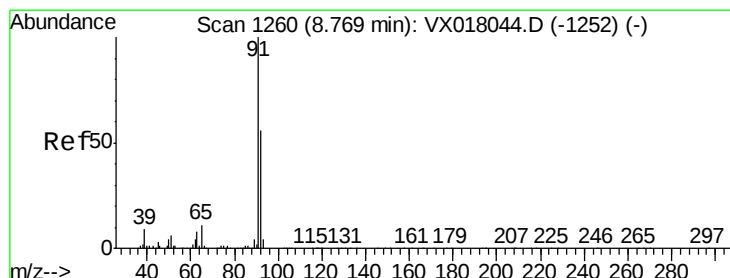
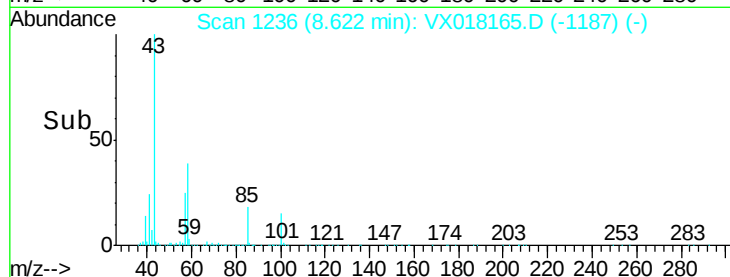
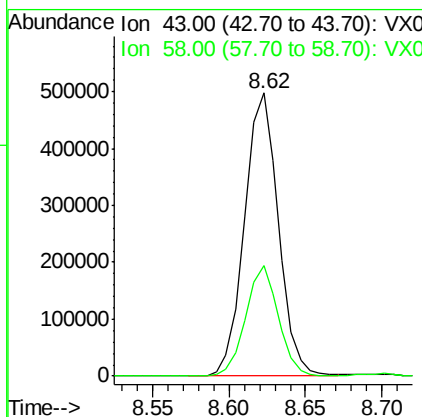
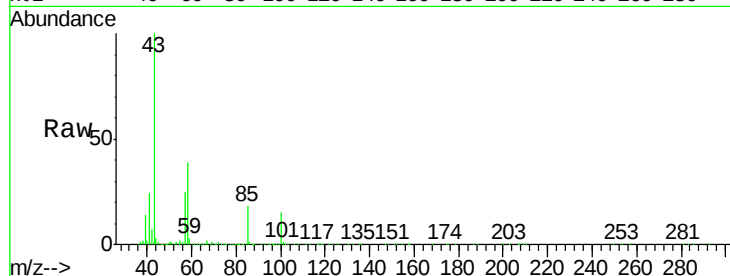
#51
4-Methyl-2-Pentanone
Concen: 99.071 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.7	46.1

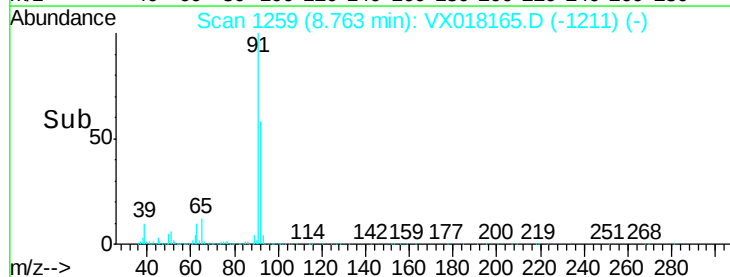
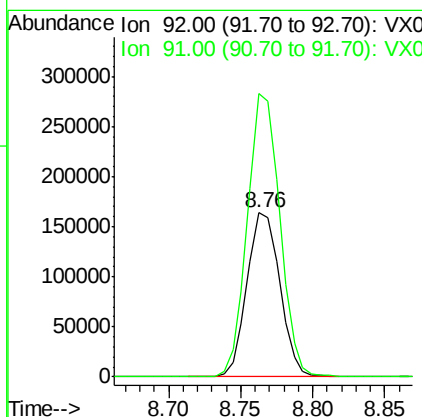
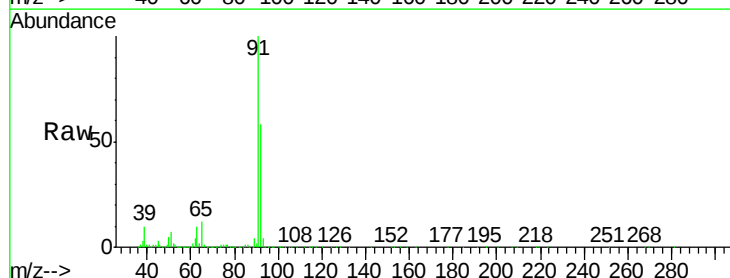
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#52
Toluene
Concen: 20.848 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.0	140.3	210.5





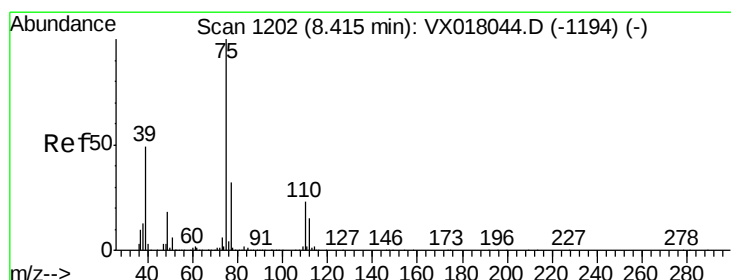
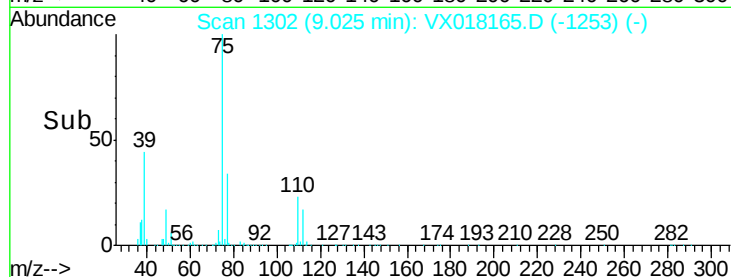
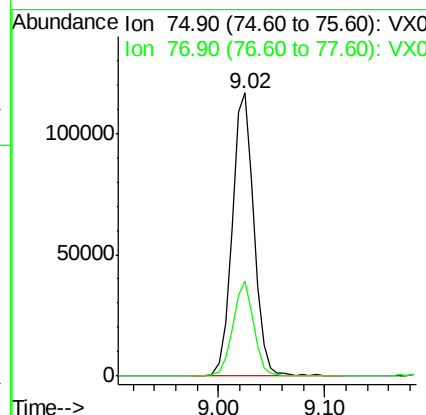
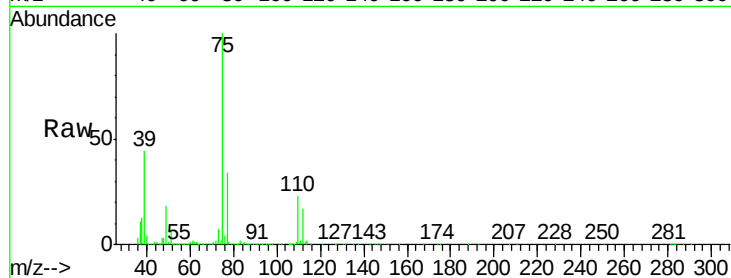
#53
t-1,3-Dichloropropene
Concen: 20.238 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampled :
VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.6	39.8

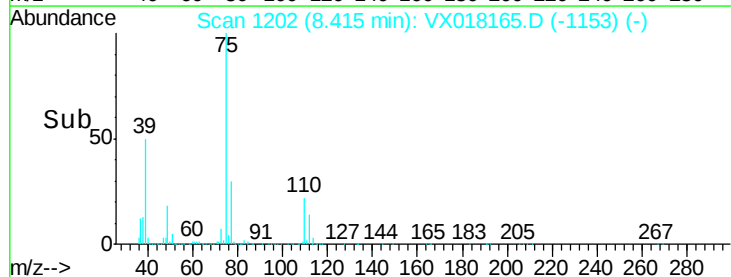
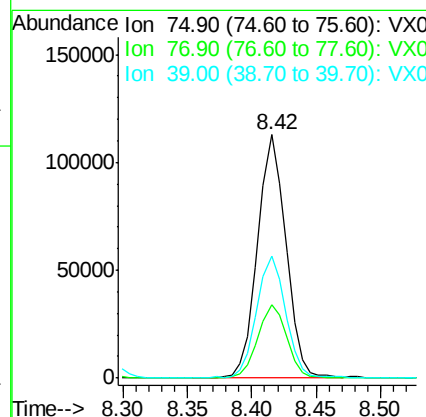
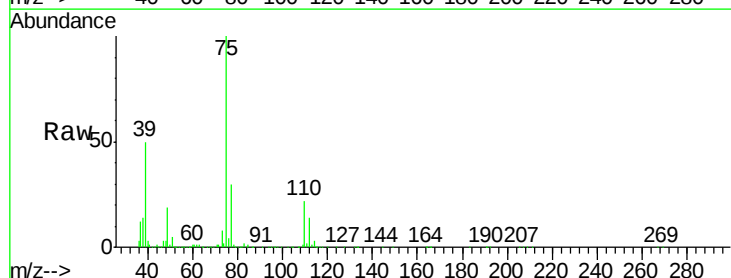
Manual Integrations
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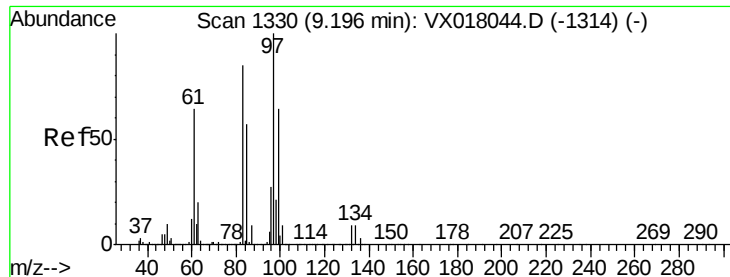
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#54
cis-1,3-Dichloropropene
Concen: 19.854 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.8	38.8
39	50.0	38.8	58.2





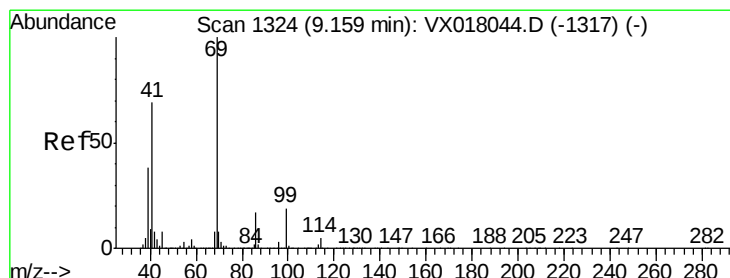
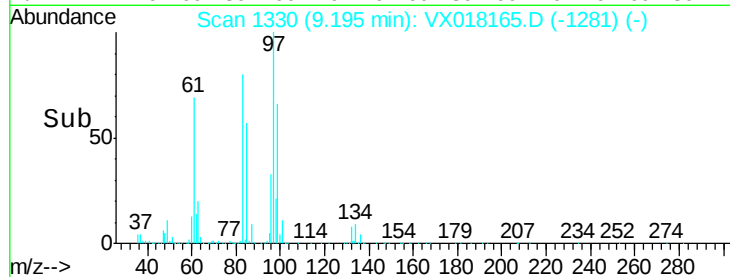
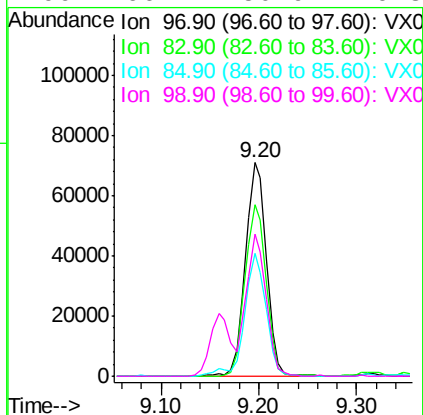
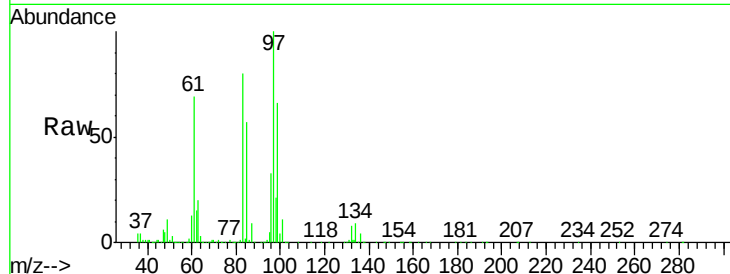
#55
 1,1,2-Trichloroethane
 Concen: 20.116 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		106350		
83	80.3	67.8	101.6		
85	57.3	45.3	67.9		
99	66.4	50.9	76.3		

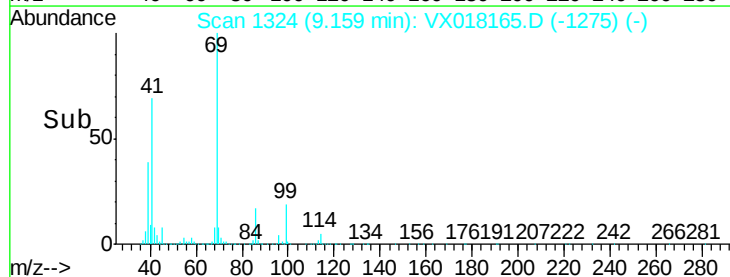
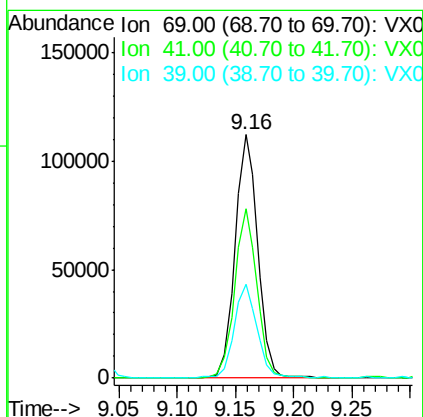
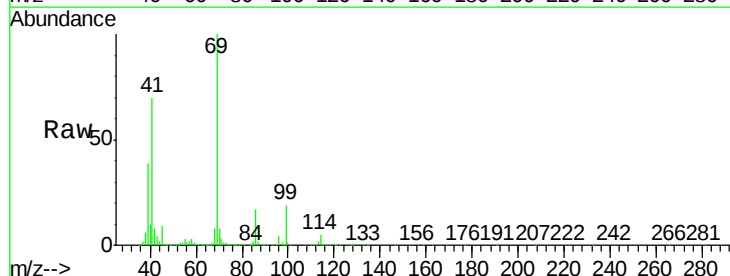
Manual Integrations
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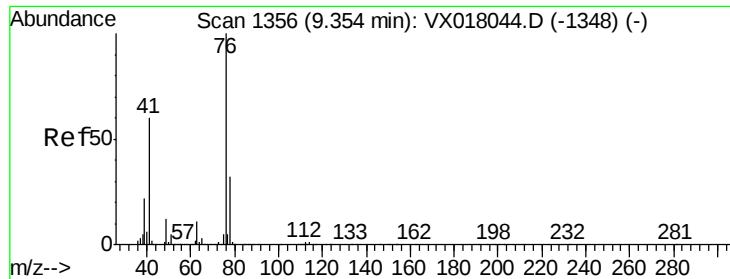
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#56
 Ethyl methacrylate
 Concen: 19.330 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		151924		
41	69.4	54.6	81.8		
39	38.3	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 20.356 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

Tot Ion: 76 Resp: 177498

Ion Ratio Lower Upper

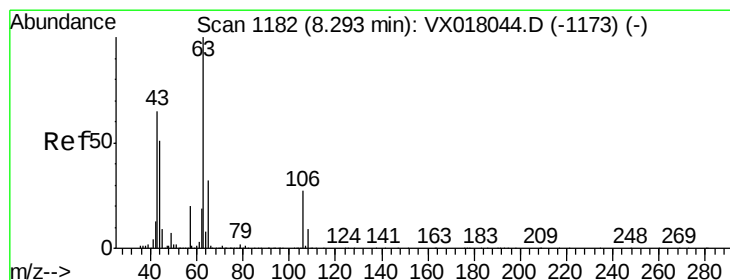
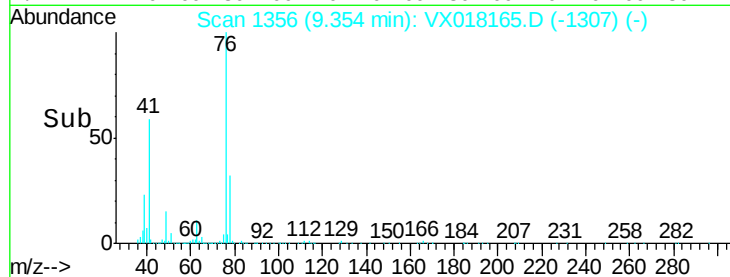
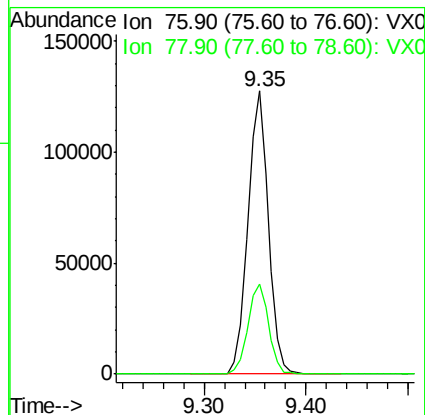
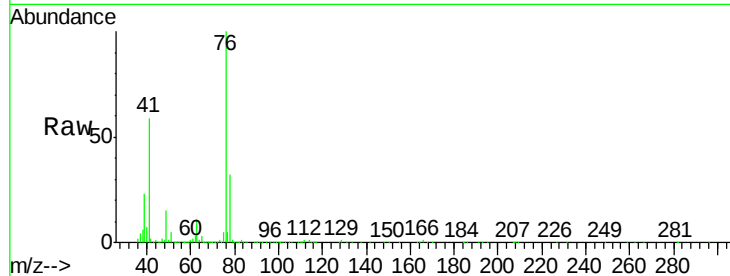
76 100

78 32.3 25.8 38.6

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 85.701 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018165.D

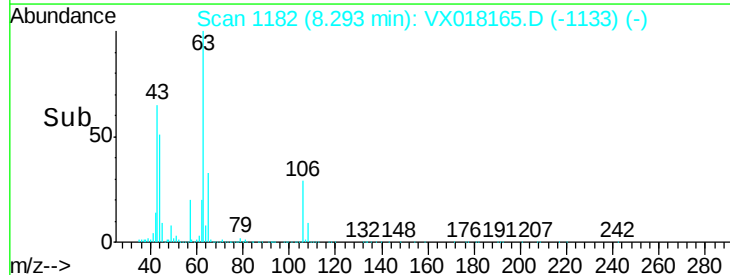
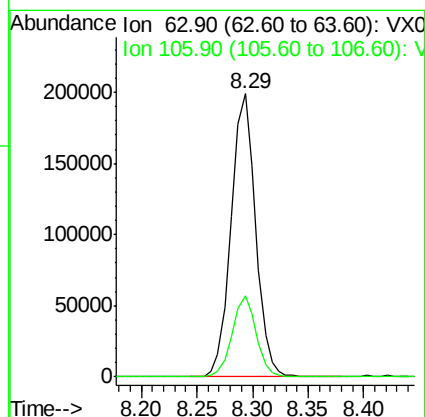
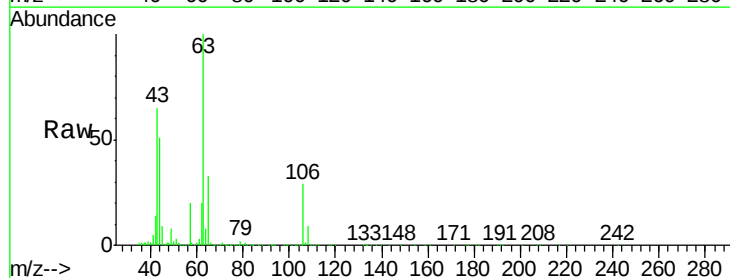
Acq: 31 Aug 2020 23:07

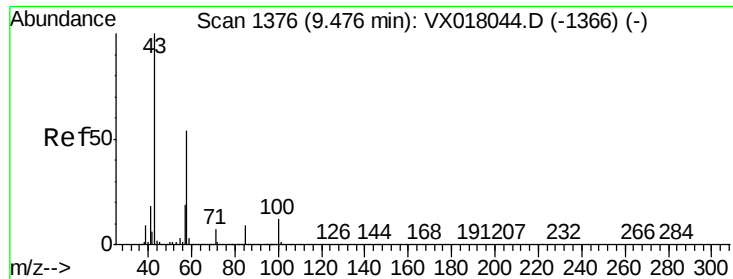
Tgt Ion: 63 Resp: 302999

Ion Ratio Lower Upper

63 100

106 28.1 22.1 33.1





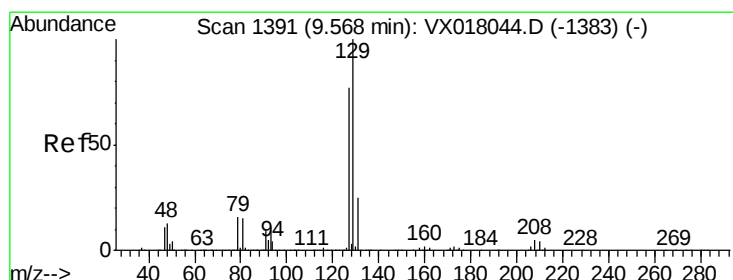
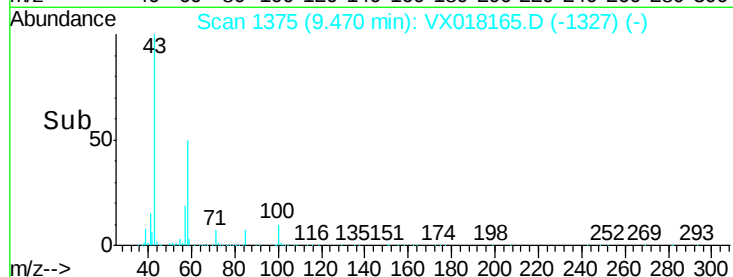
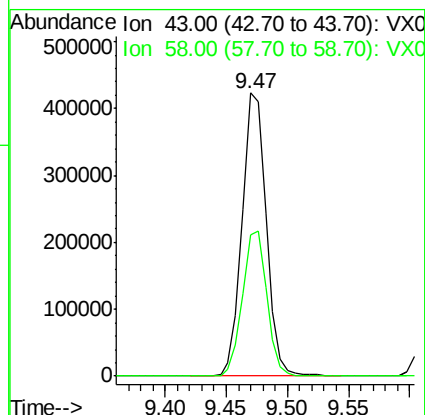
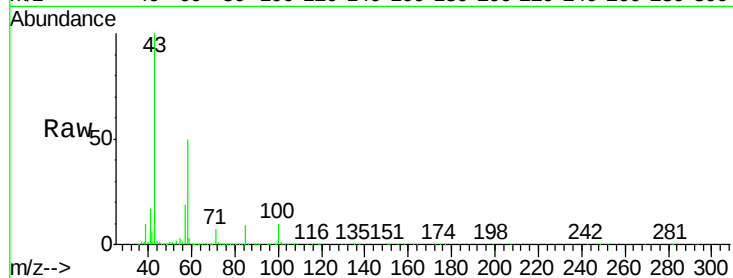
#59
2-Hexanone
Concen: 98.471 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion: 43 Resp: 577249
Ion Ratio Lower Upper
43 100
58 51.8 26.6 79.7

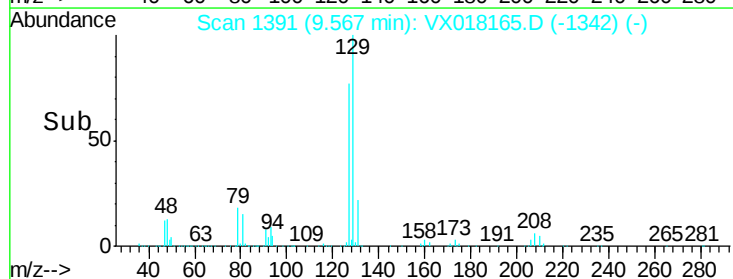
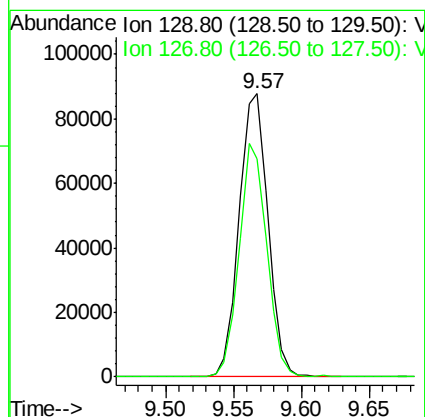
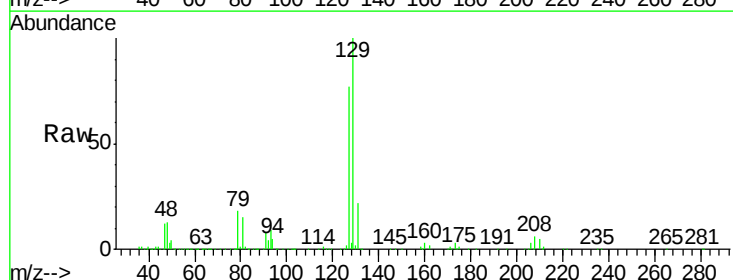
Manual Integrations
APPROVED

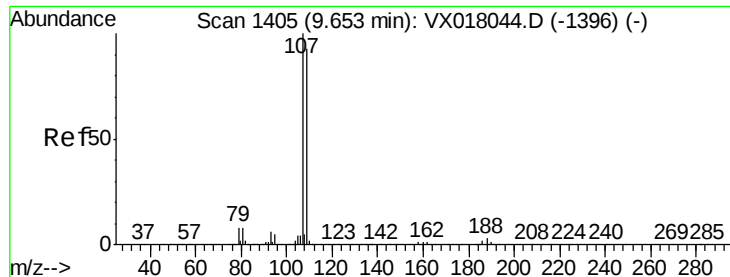
MMDadoda
9/1/2020 9:08:24 AM



#60
Dibromochloromethane
Concen: 20.993 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion: 129 Resp: 130198
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.165 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

Tot Ion: 107 Resp: 115741

Ion Ratio Lower Upper

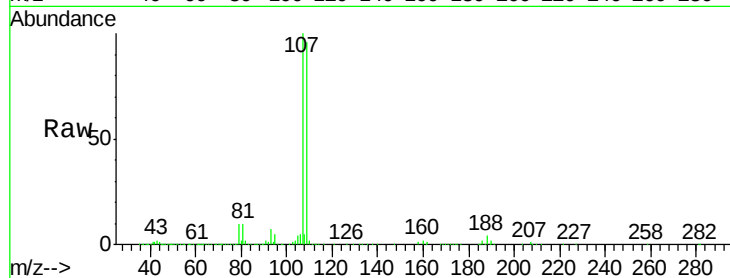
107 100

109 95.5 75.9 113.9

Manual Integrations
APPROVED

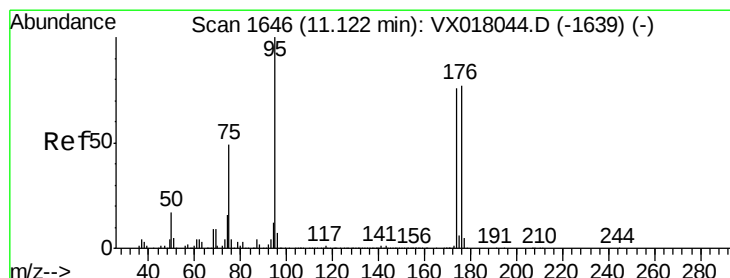
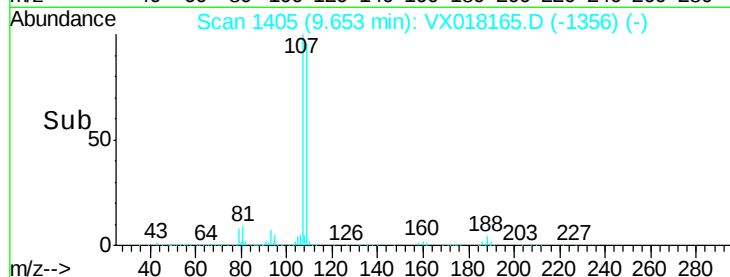
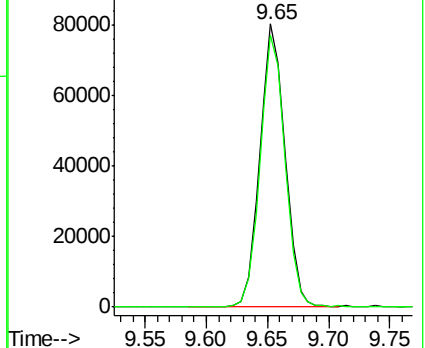
MMDadoda

9/1/2020 9:08:24 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.832 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

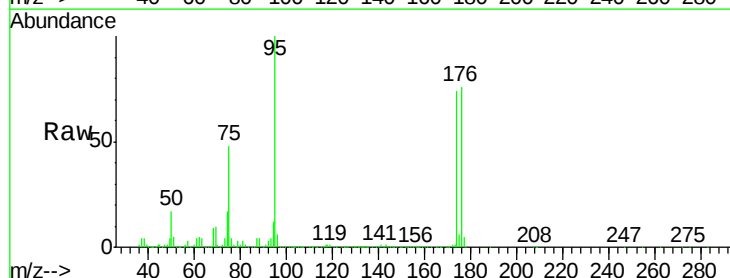
Tgt Ion: 95 Resp: 337130

Ion Ratio Lower Upper

95 100

174 78.1 0.0 160.2

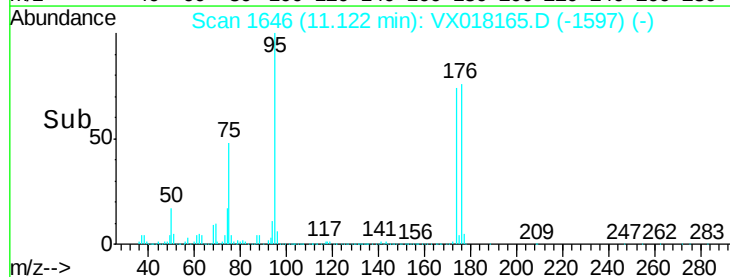
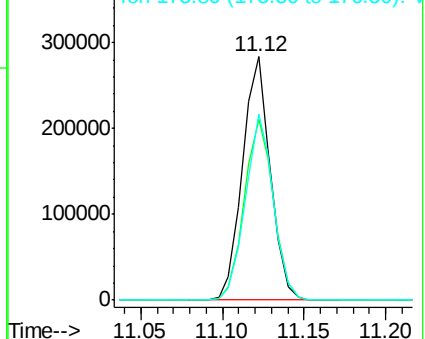
176 76.3 0.0 155.8

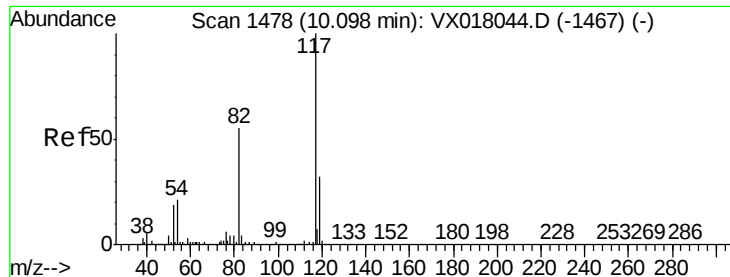


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





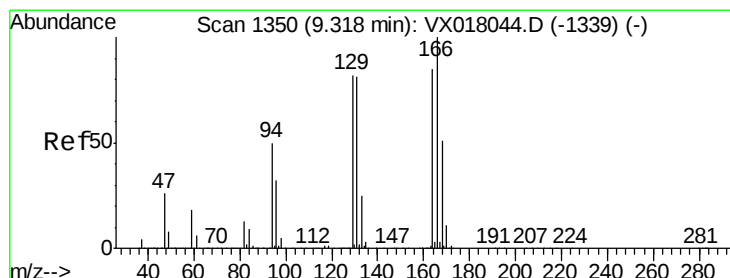
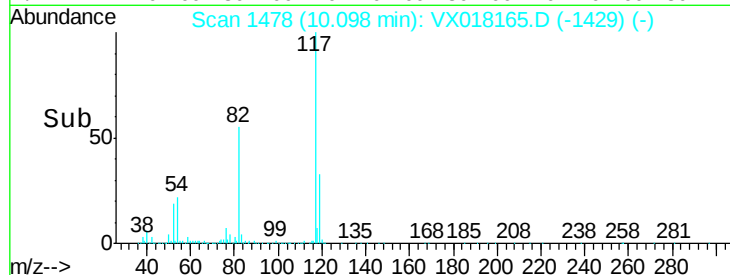
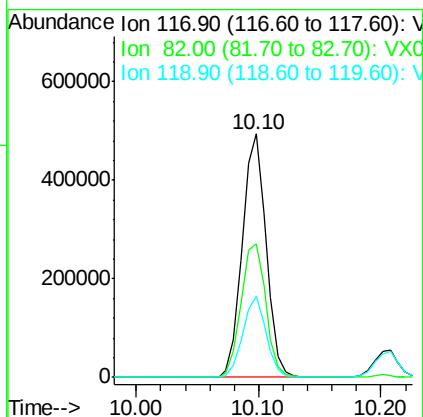
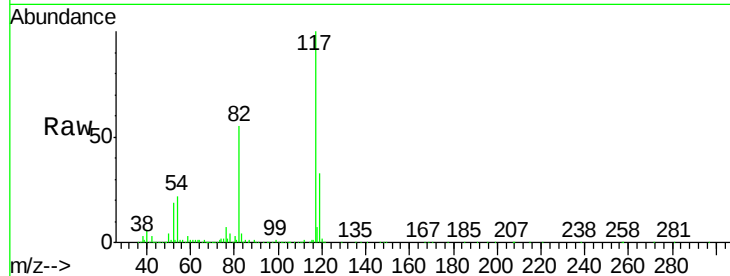
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	664372		
82	54.9		44.2	66.2
119	33.4		25.7	38.5

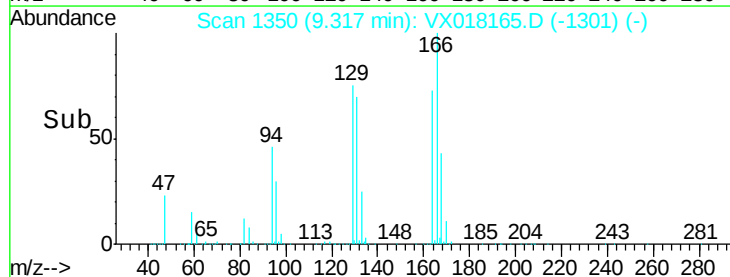
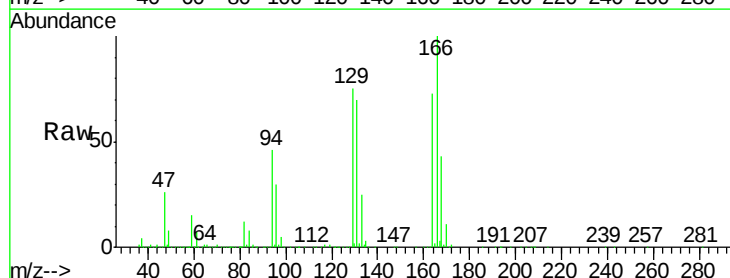
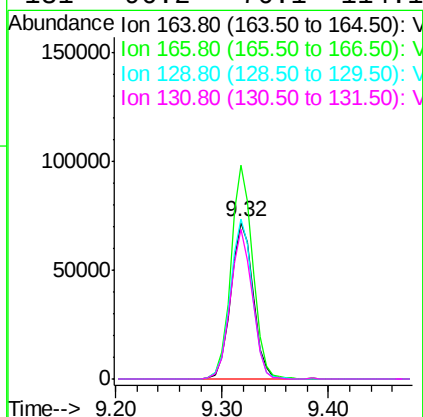
Manual Integrations
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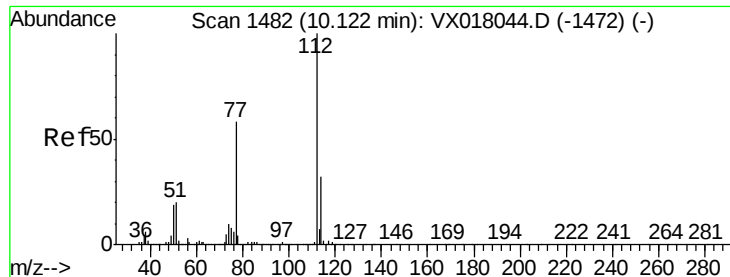
MMDadoda
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#64
Tetrachloroethene
Concen: 21.704 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105964		
166	136.7		94.2	141.2
129	102.7		76.9	115.3
131	96.2		76.1	114.1





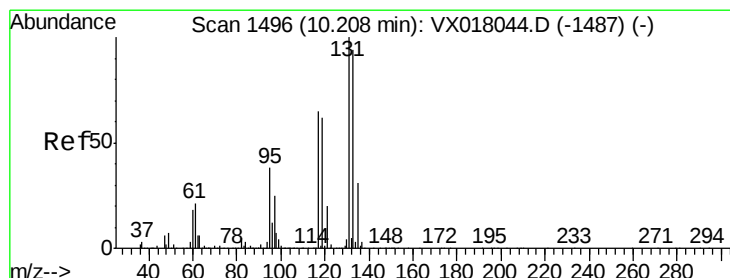
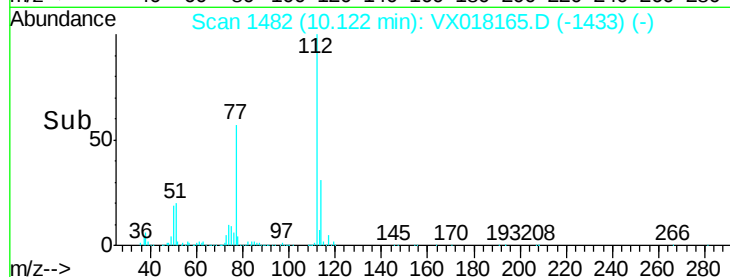
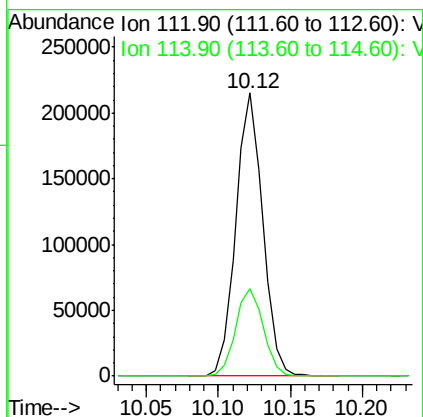
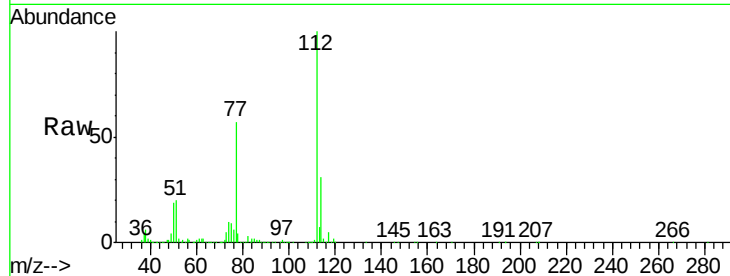
#65
Chlorobenzene
Concen: 21.154 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.7	38.5

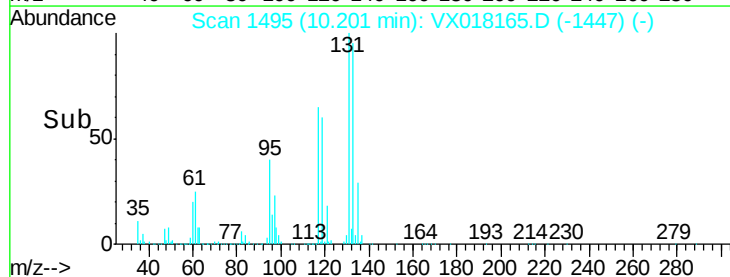
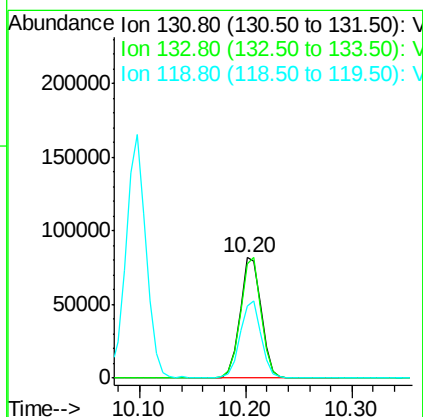
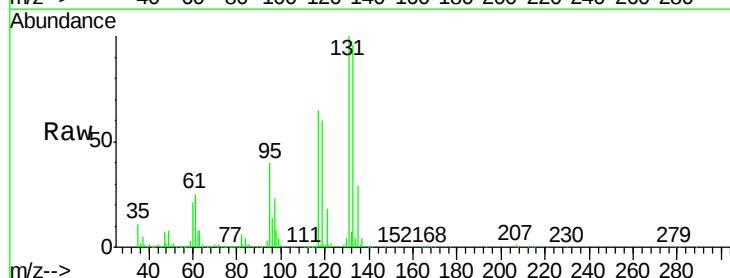
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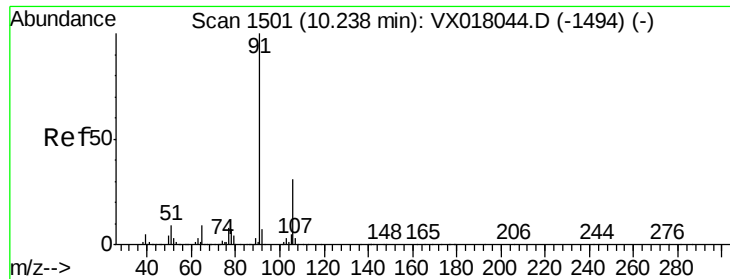
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.845 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	46.7	140.1
119	63.1	31.8	95.4





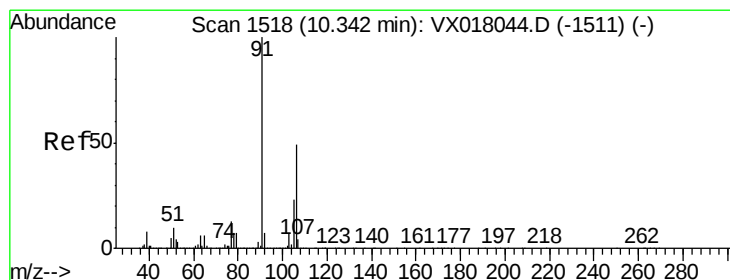
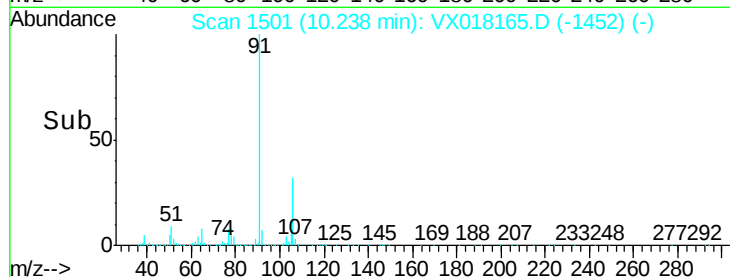
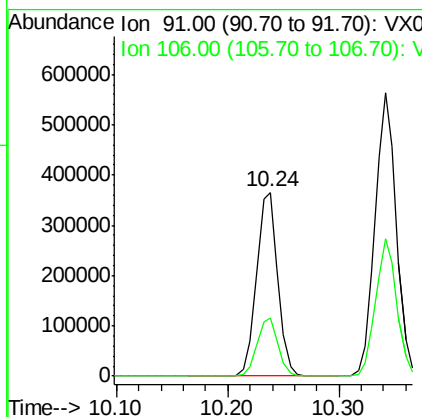
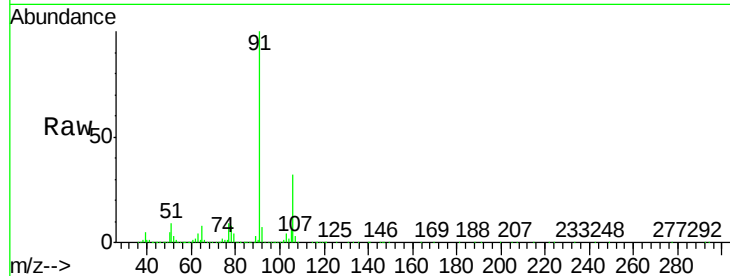
#67
Ethyl Benzene
Concen: 21.561 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion: 91 Resp: 486528
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

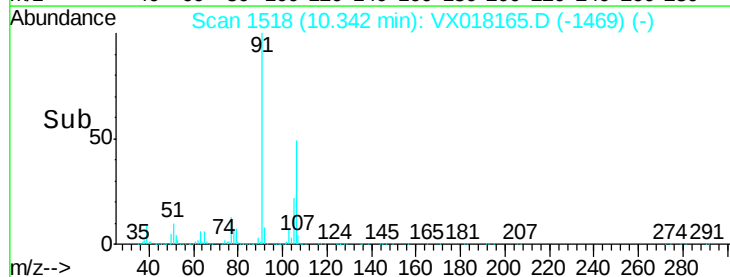
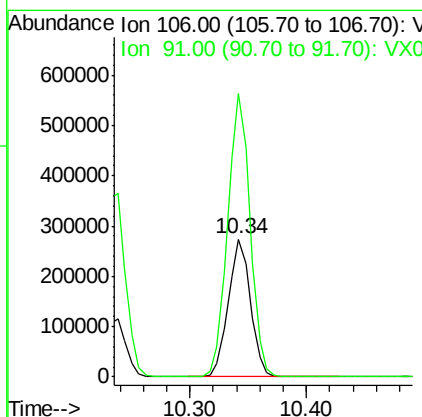
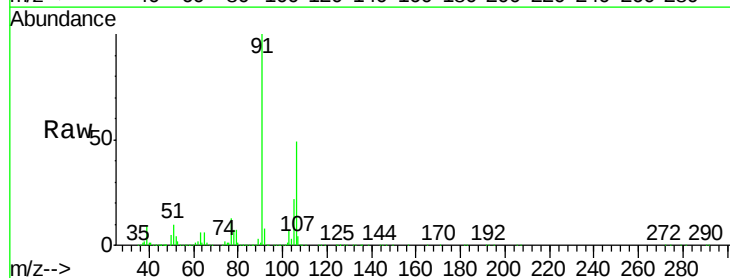
Manual Integrations
APPROVED

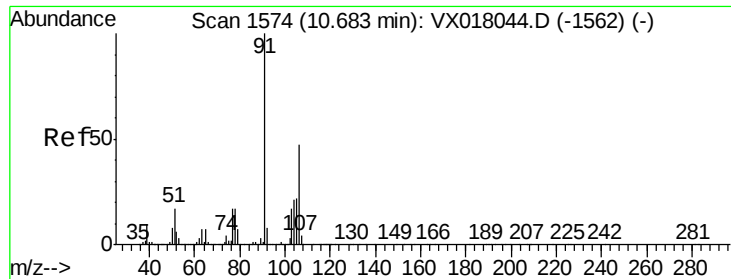
MMDadoda
9/1/2020 9:08:24 AM



#68
m/p-Xylenes
Concen: 43.173 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion: 106 Resp: 363617
Ion Ratio Lower Upper
106 100
91 206.6 162.2 243.2





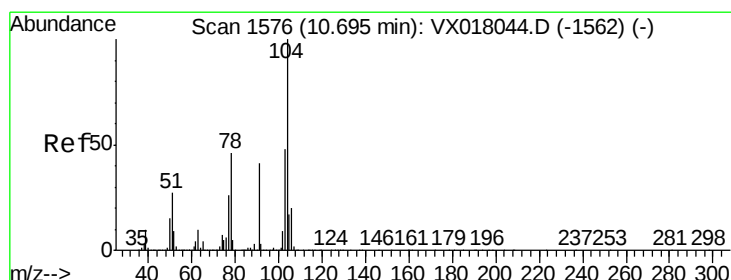
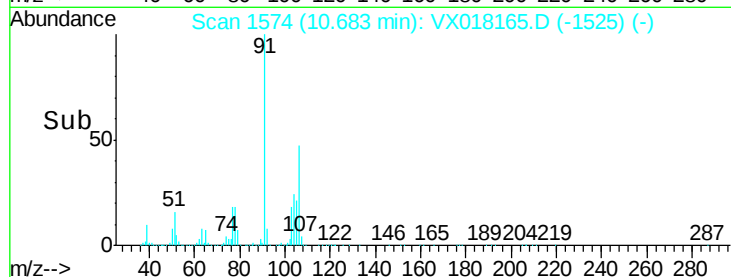
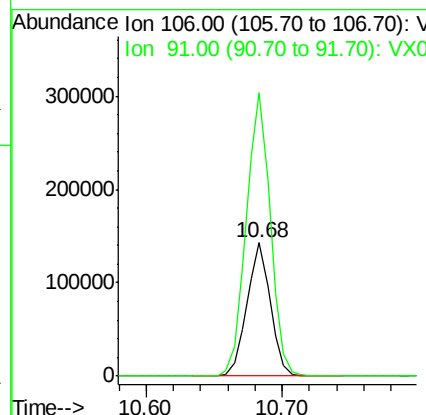
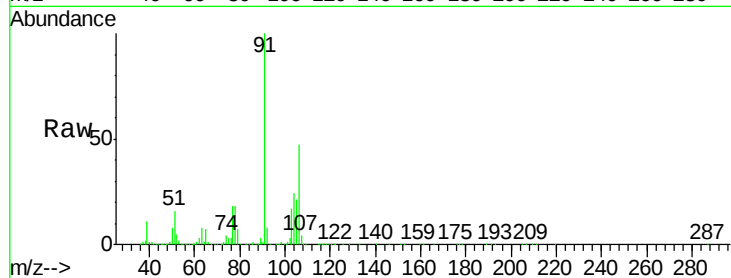
#69
o-Xylene
Concen: 21.093 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
106	100	172213		
91	217.9	107.1	321.3	

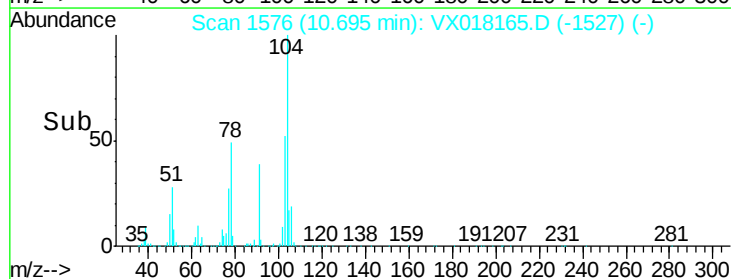
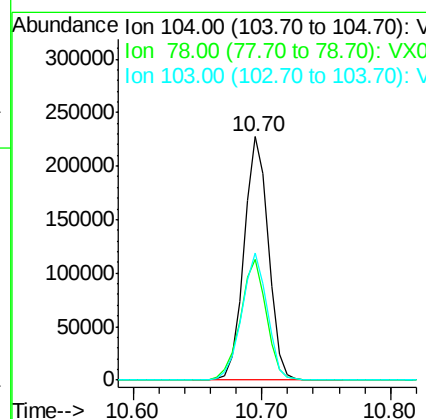
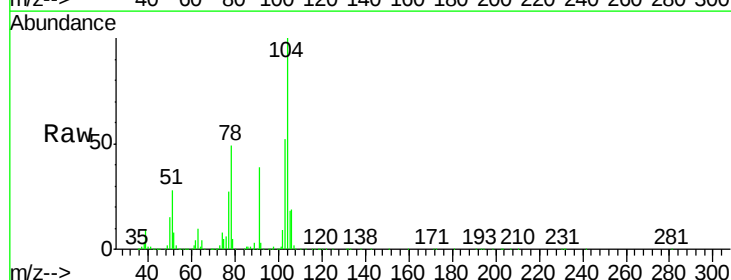
Manual Integrations
APPROVED

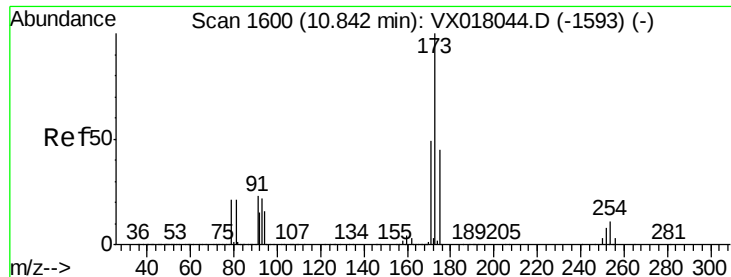
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#70
Styrene
Concen: 21.353 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	296890		
78	53.2	40.9	61.3	
103	55.0	43.6	65.4	





#71

Bromoform

Concen: 22.221 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

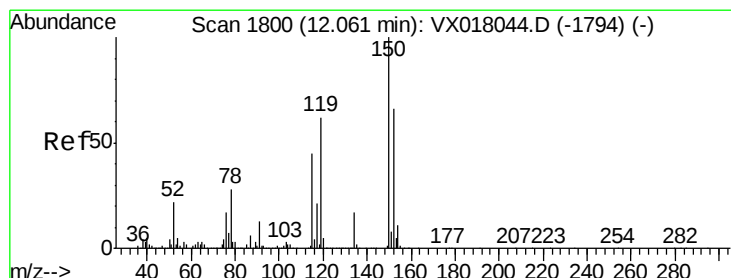
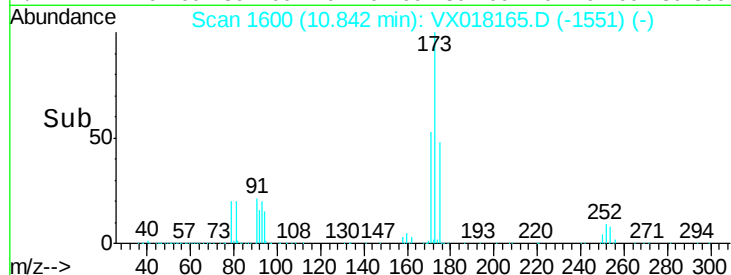
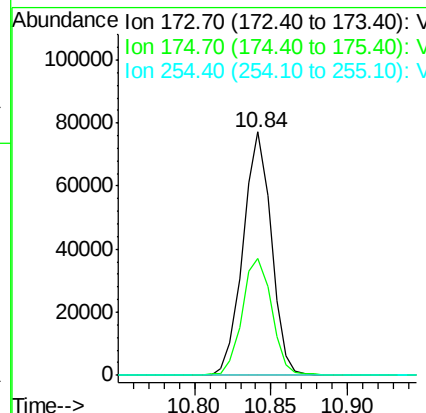
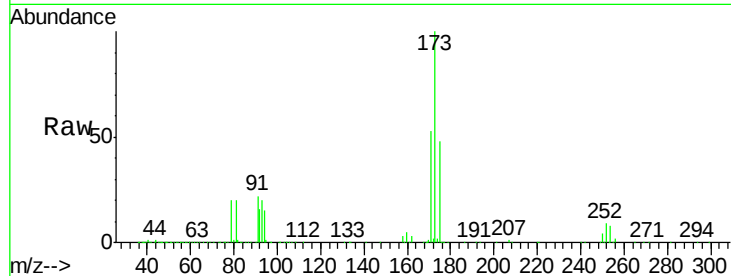
ClientSampled :

VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.6	23.9	71.8
254	0.1	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

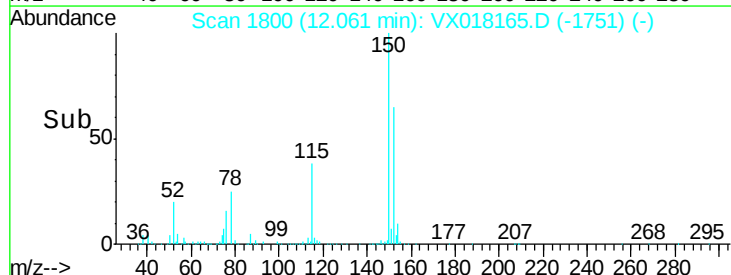
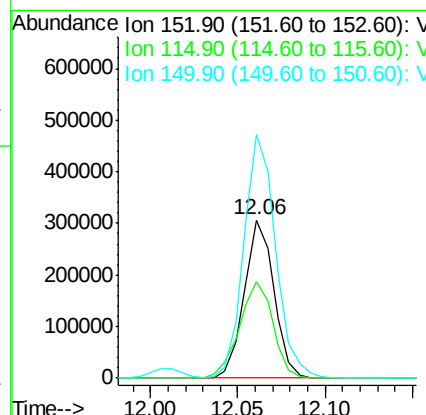
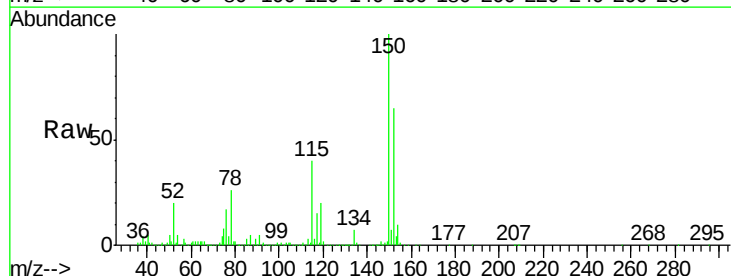
RT: 12.06 min Scan# 1800

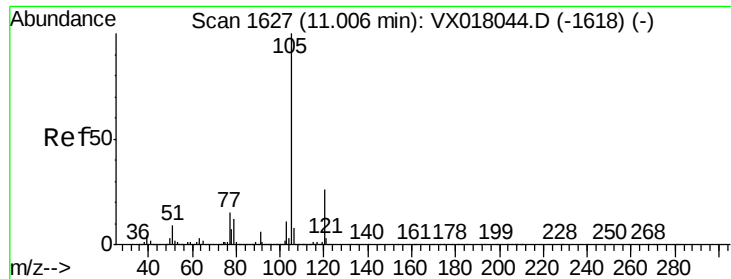
Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.1	41.5	124.5
150	164.5	0.0	343.8





#73

Isopropylbenzene

Concen: 20.156 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

Tot Ion: 105 Resp: 480023

Ion Ratio Lower Upper

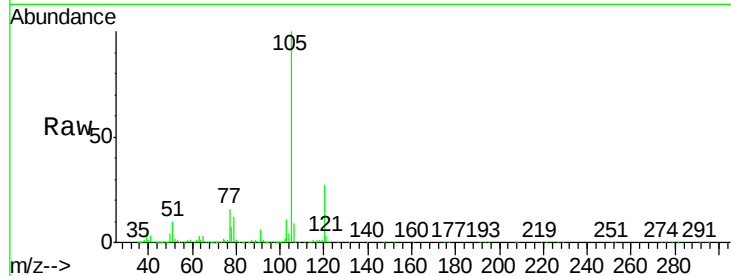
105 100

120 27.3 13.2 39.5

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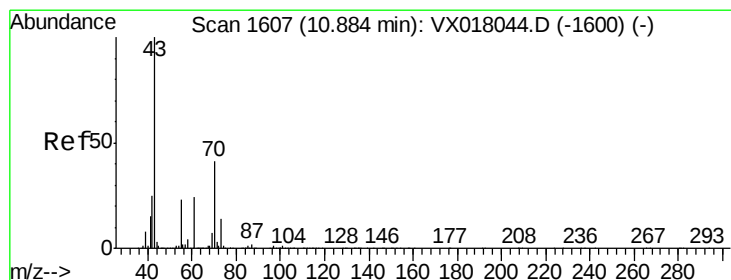
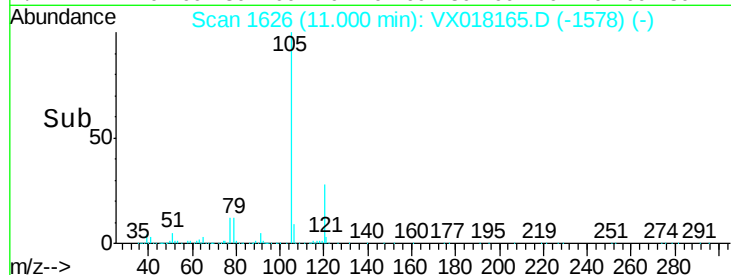
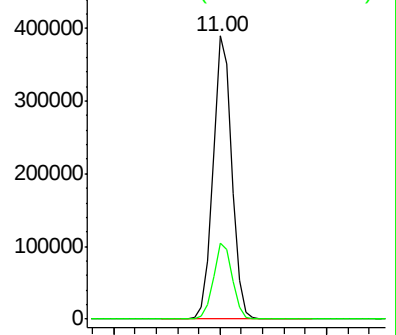
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.822 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tgt Ion: 43 Resp: 212684

Ion Ratio Lower Upper

43 100

70 40.7 32.3 48.5

55 24.5 18.2 27.2

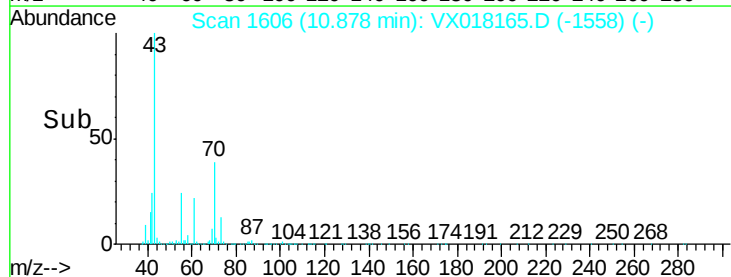
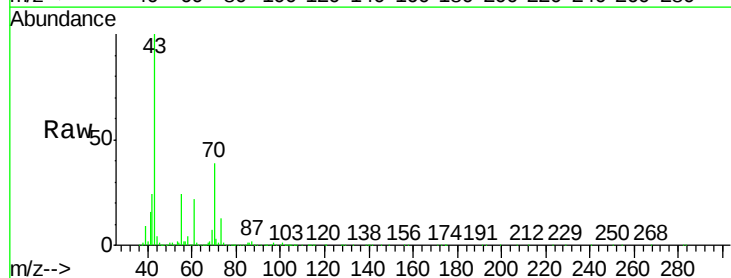
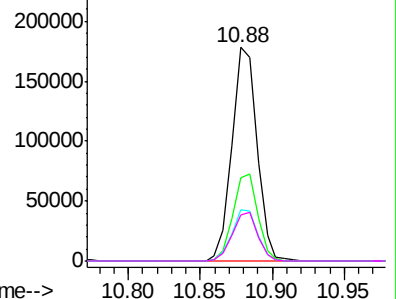
61 23.2 18.9 28.3

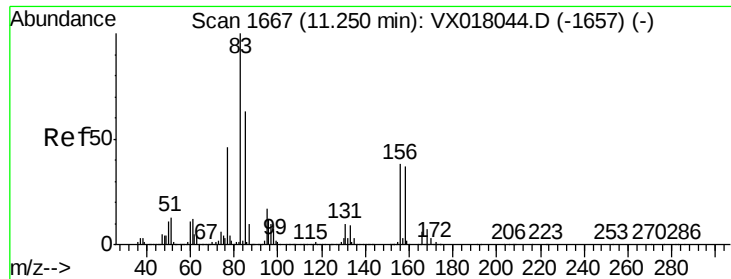
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.116 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

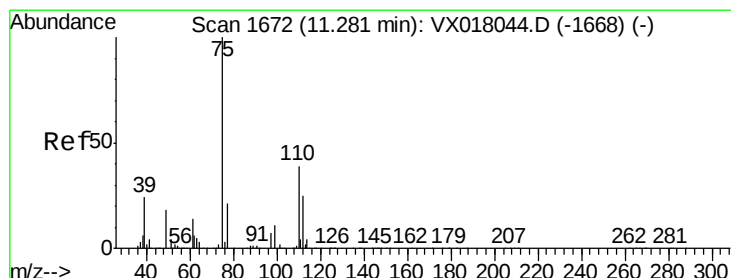
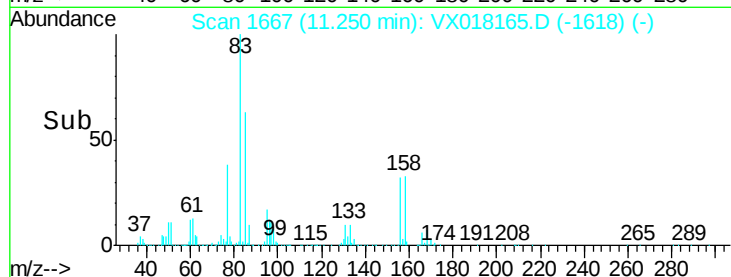
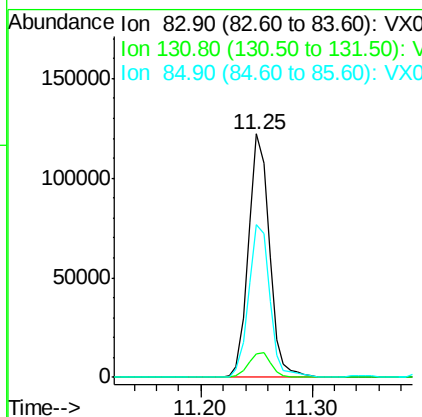
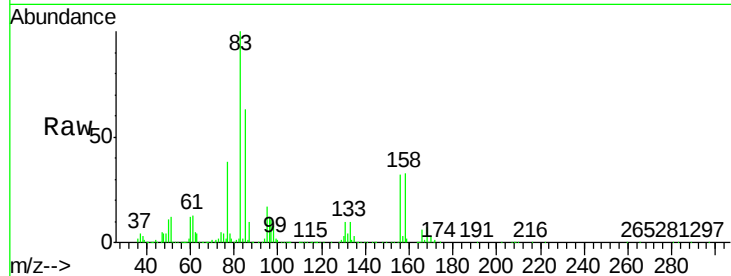
ClientSampleId :

VX0831WBSD02

Tot Ion:	83	Resp:	160599
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.4
85	63.9	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.208 ug/l m

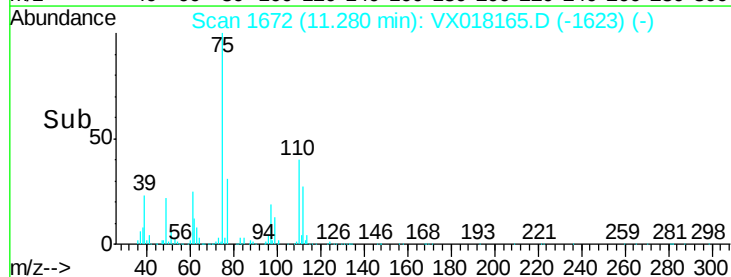
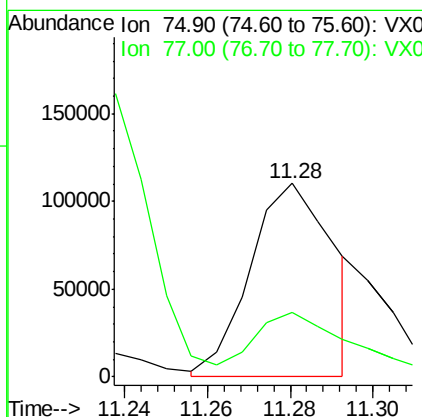
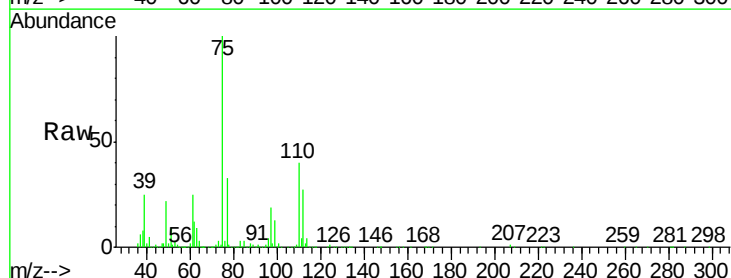
RT: 11.28 min Scan# 1672

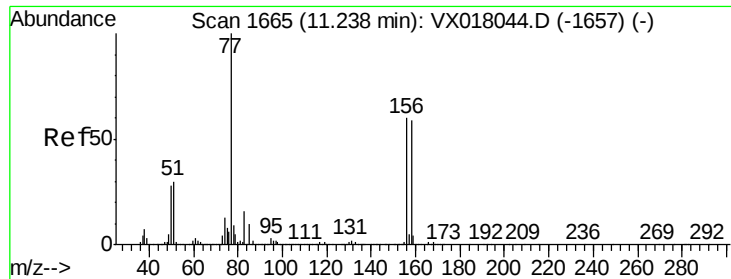
Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tgt Ion:	75	Resp:	154279
Ion Ratio	Lower	Upper	
75	100		
77	39.5	20.8	62.2





#77

Bromobenzene

Concen: 19.483 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

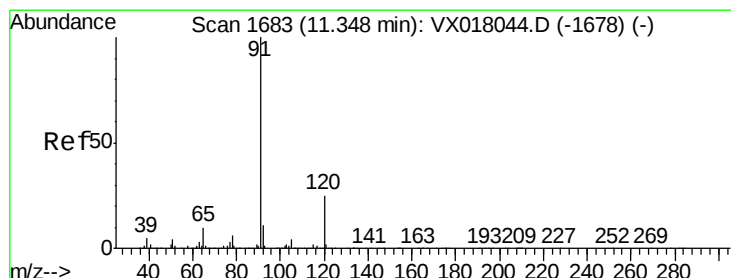
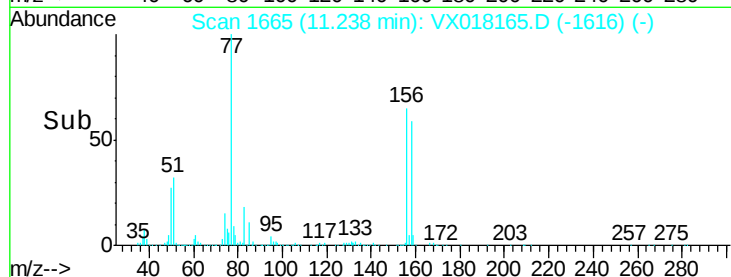
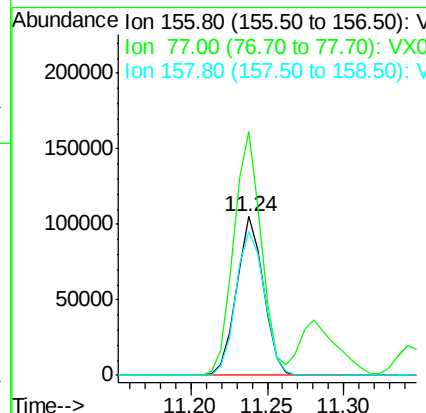
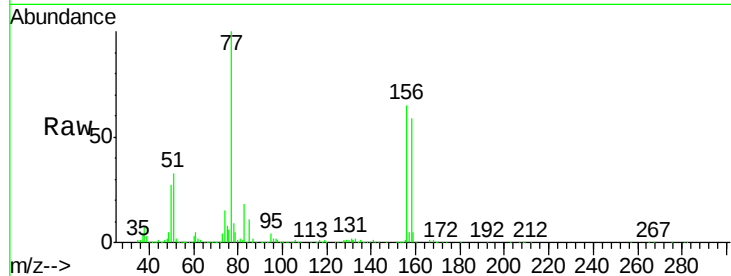
ClientSampleId :

VX0831WBSD02

Tot Ion:	156	Resp:	128263
Ion Ratio	Lower	Upper	
156	100		
77	157.6	80.0	240.2
158	96.4	49.5	148.7

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#78

n-propylbenzene

Concen: 20.367 ug/l

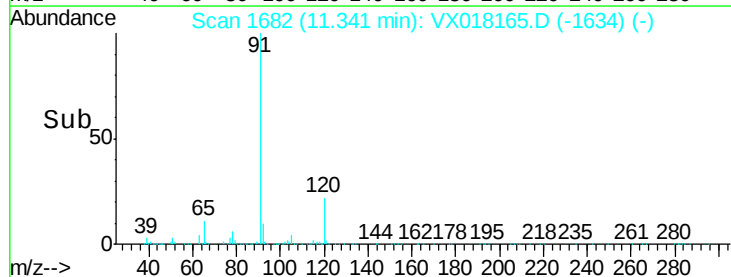
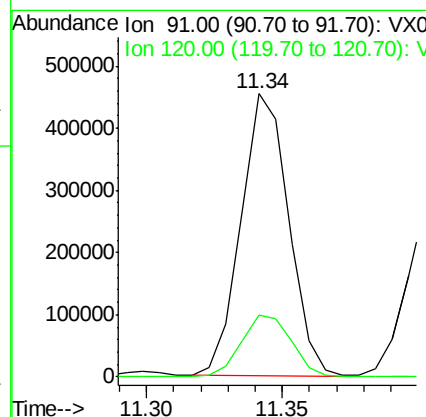
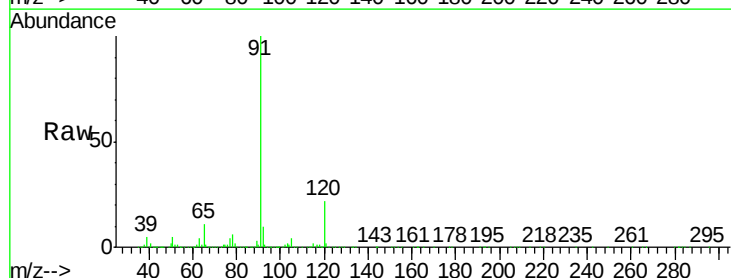
RT: 11.34 min Scan# 1682

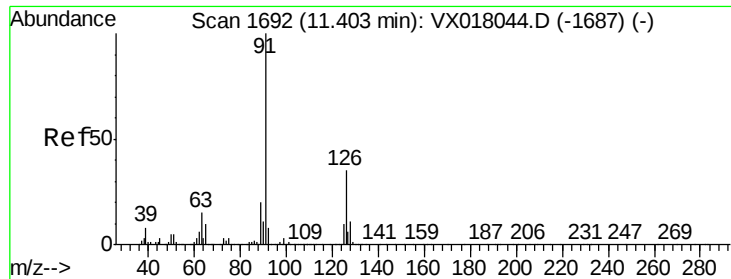
Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tgt Ion:	91	Resp:	550768
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.9	35.9





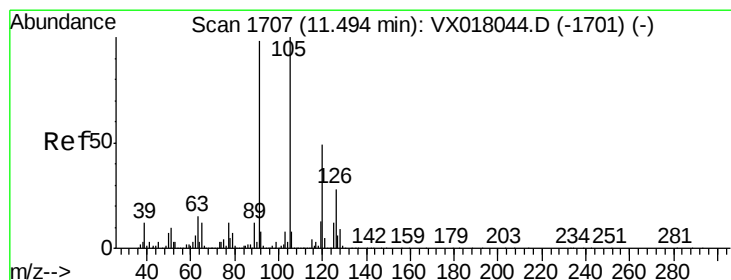
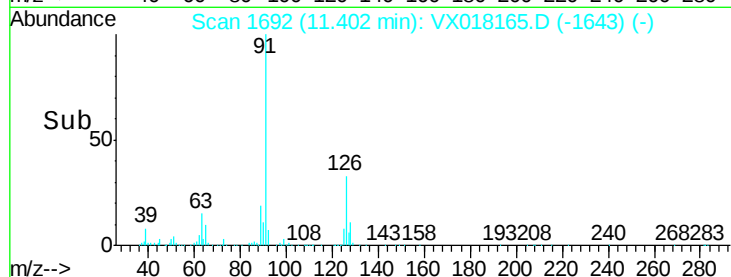
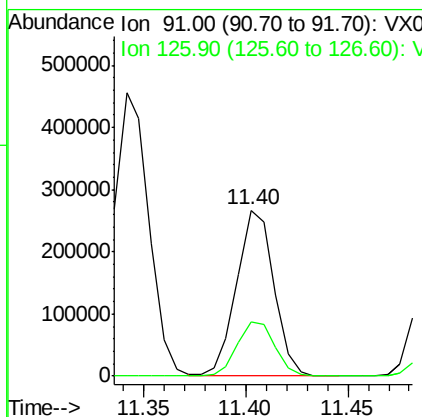
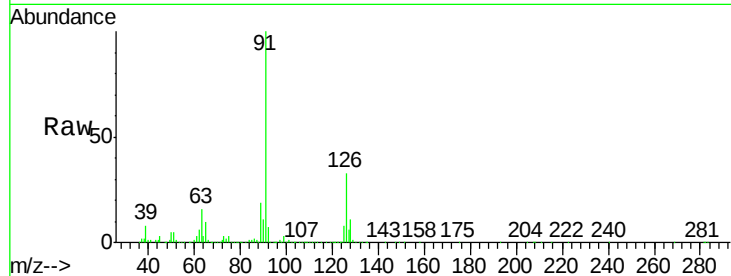
#79
2-Chlorotoluene
Concen: 20.112 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampled :
VX0831WBSD02

Tot Ion: 91 Resp: 336006
Ion Ratio Lower Upper
91 100
126 33.6 17.4 52.2

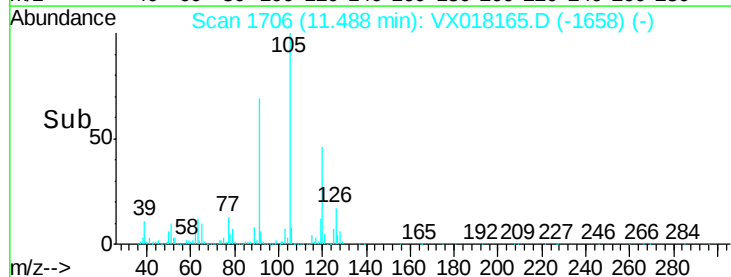
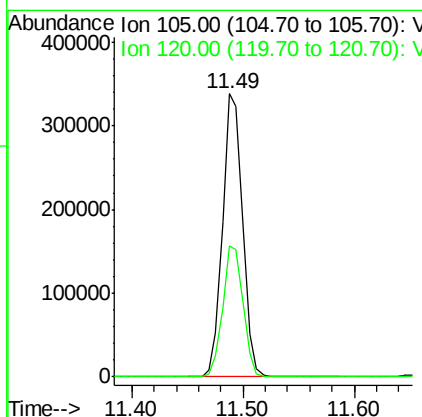
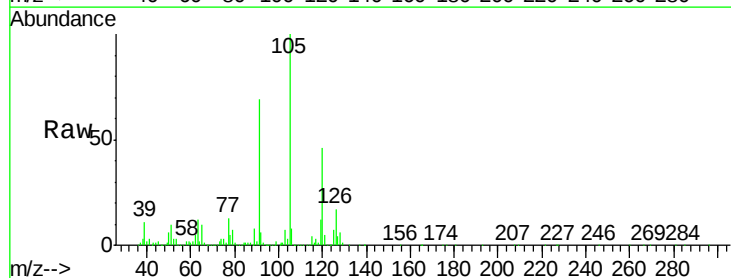
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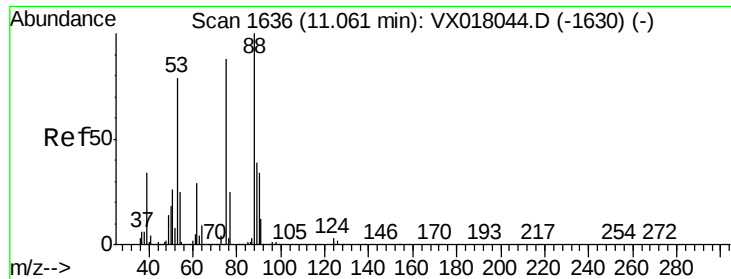
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#80
1,3,5-Trimethylbenzene
Concen: 21.394 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion: 105 Resp: 418693
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.692 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBSD02

Tot Ion: 75 Resp: 49639

Ion Ratio Lower Upper

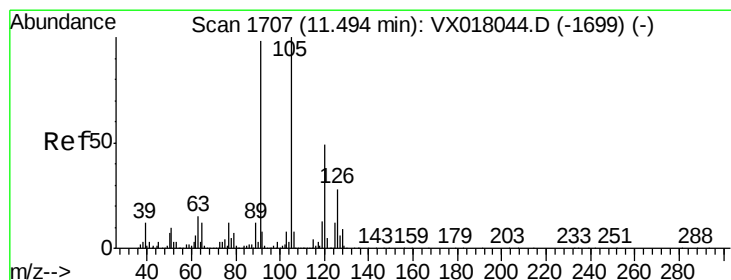
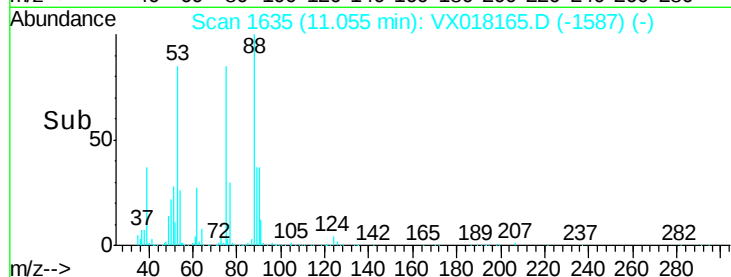
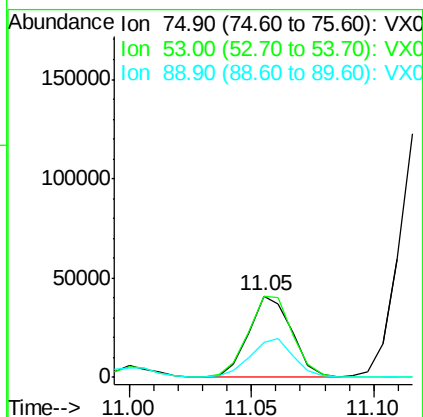
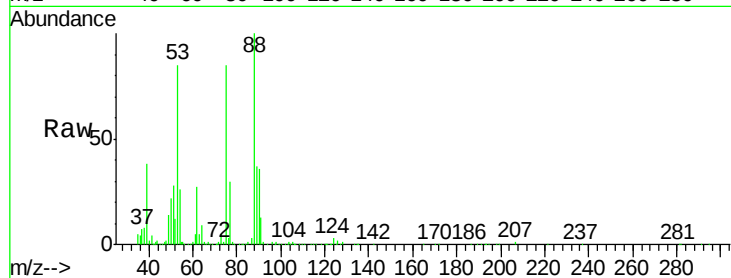
75 100

53 104.4 74.7 112.1

89 49.3 36.6 54.8

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#82

4-Chlorotoluene

Concen: 20.207 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018165.D

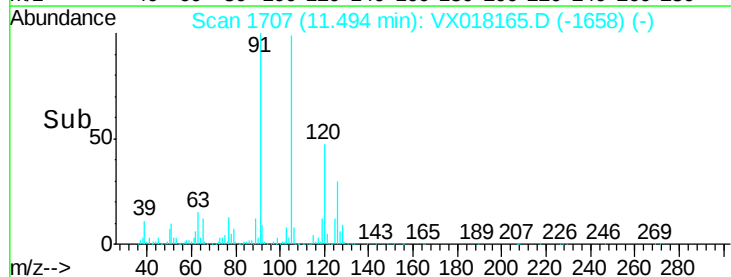
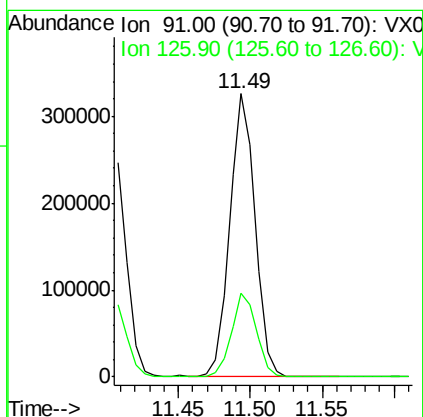
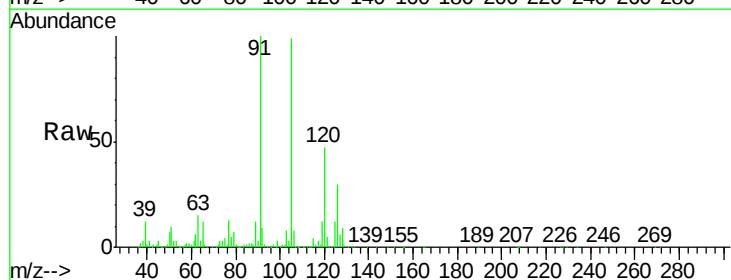
Acq: 31 Aug 2020 23:07

Tgt Ion: 91 Resp: 401340

Ion Ratio Lower Upper

91 100

126 29.4 15.1 45.3





#83

tert-Butylbenzene

Concen: 20.669 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

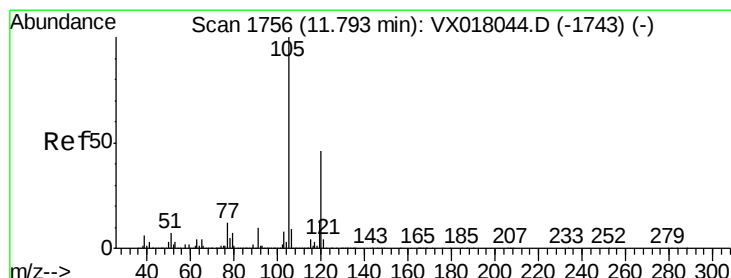
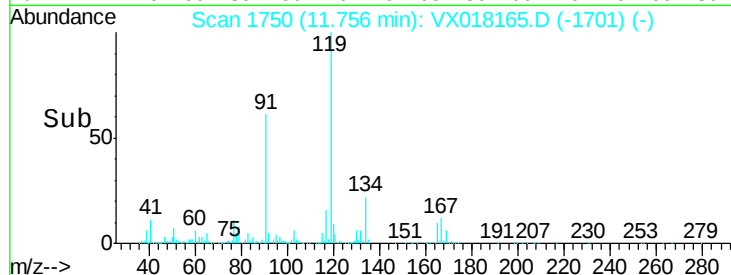
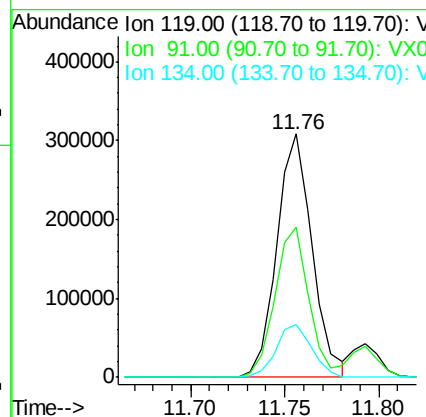
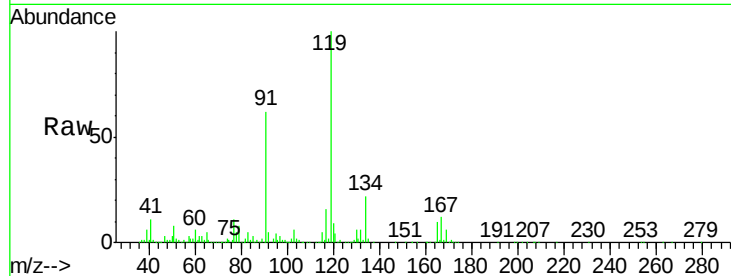
ClientSampleId :

VX0831WBSD02

Tot Ion:	119	Resp:	399205
Ion Ratio	Lower	Upper	
119	100		
91	58.9	28.2	84.7
134	22.0	11.3	33.8

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#84

1,2,4-Trimethylbenzene

Concen: 20.688 ug/l

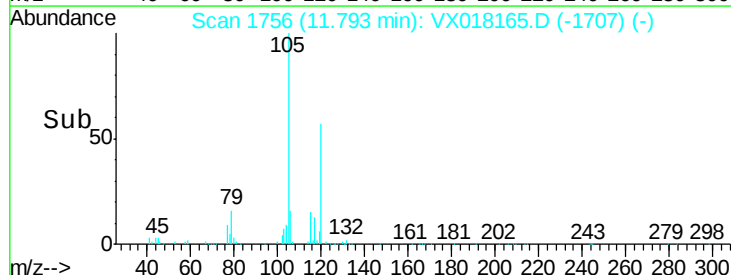
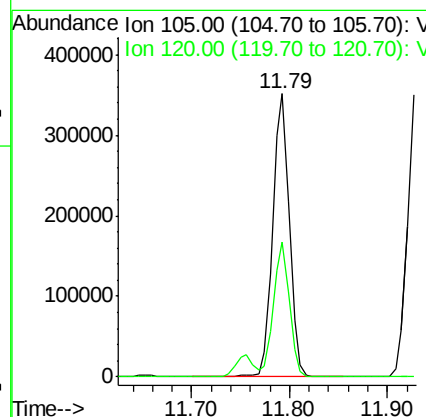
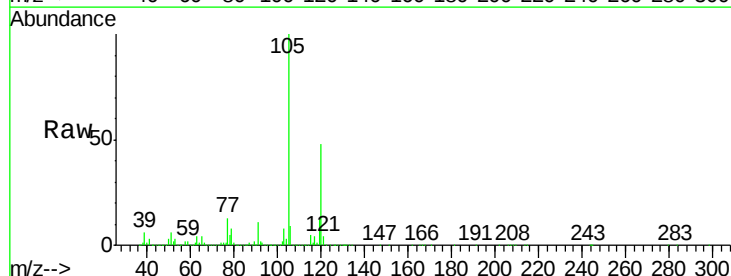
RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tgt Ion:	105	Resp:	413950
Ion Ratio	Lower	Upper	
105	100		
120	46.0	22.3	66.9





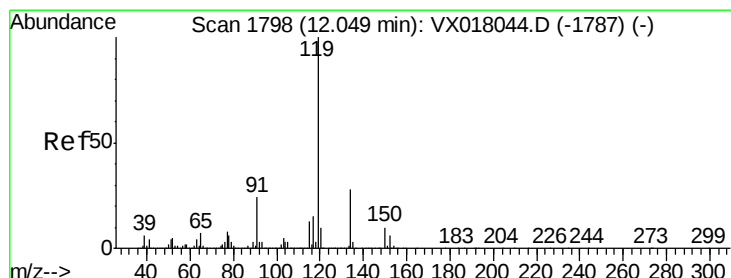
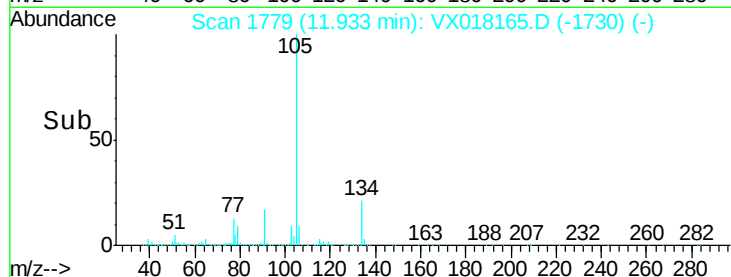
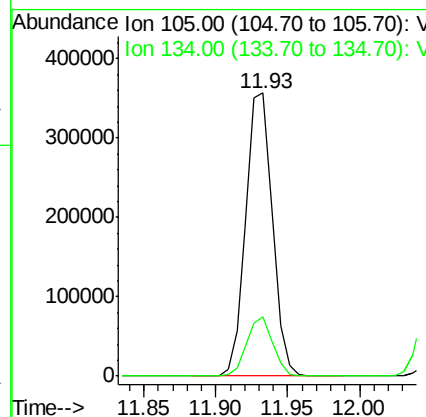
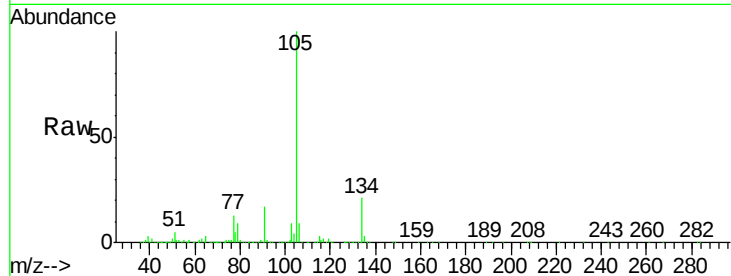
#85
 sec-Butylbenzene
 Concen: 20.885 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

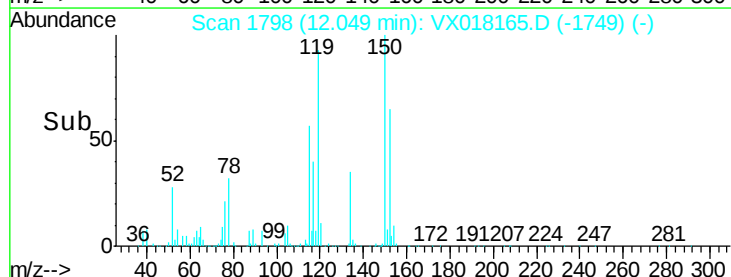
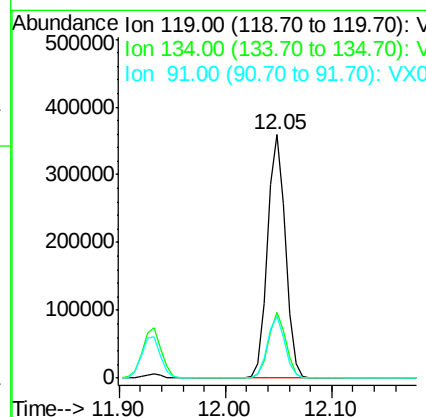
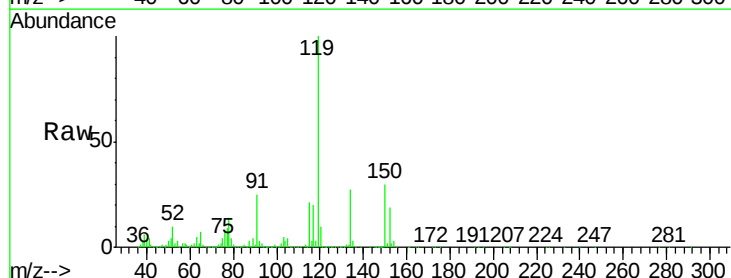
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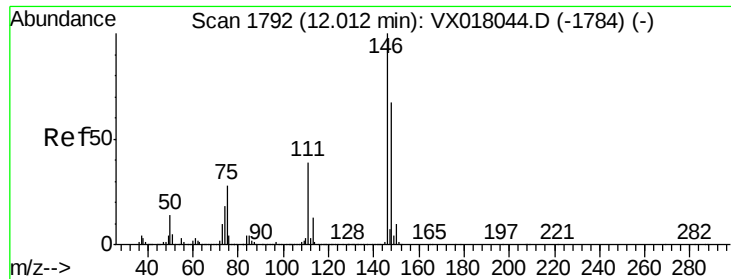
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#86
 p-Isopropyltoluene
 Concen: 21.071 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.2	39.5
91	24.9	11.8	35.4





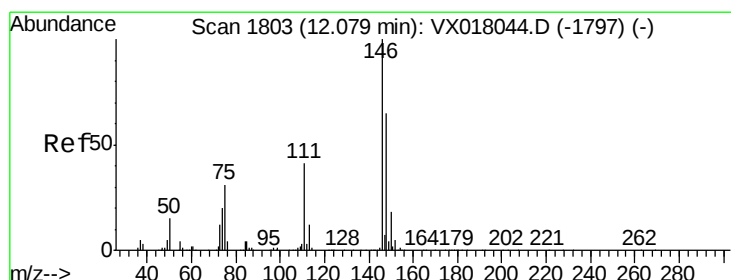
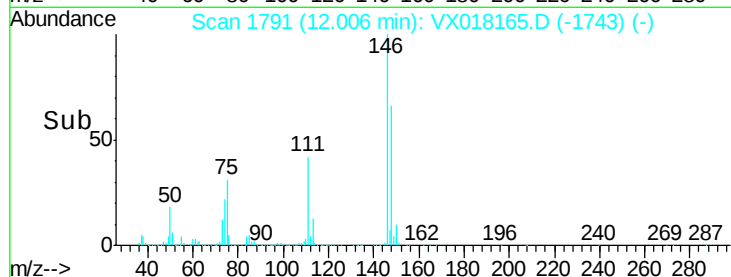
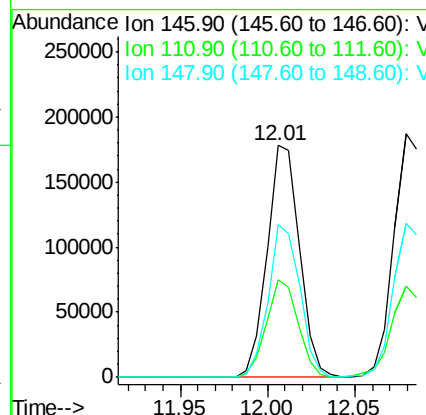
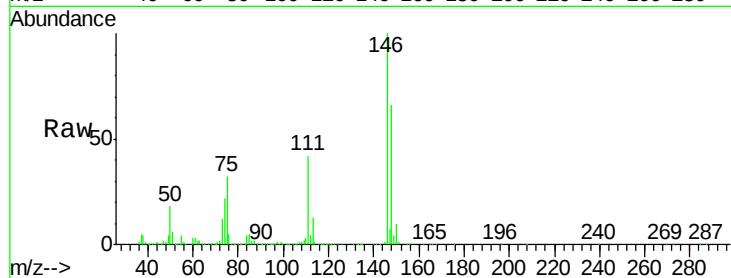
#87
 1,3-Dichlorobenzene
 Concen: 19.895 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.8
148	64.3	33.1	99.2

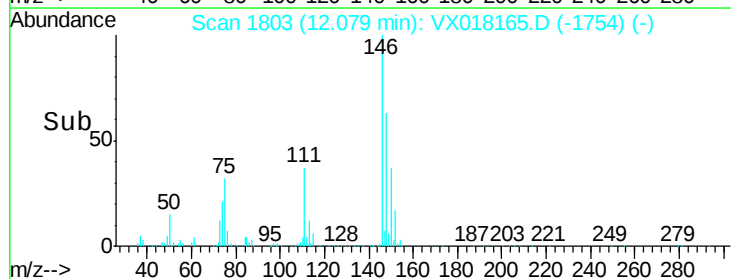
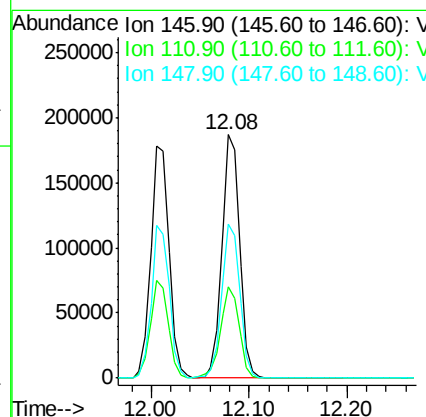
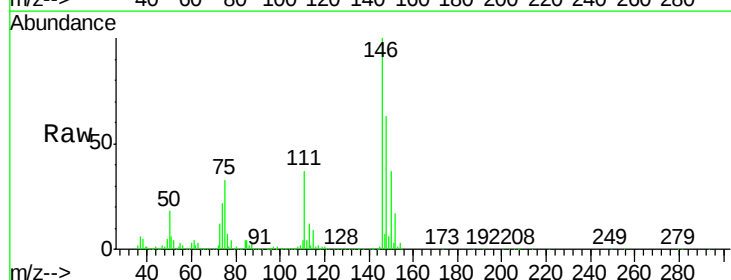
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#88
 1,4-Dichlorobenzene
 Concen: 20.345 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.3	60.8
148	64.8	33.1	99.2





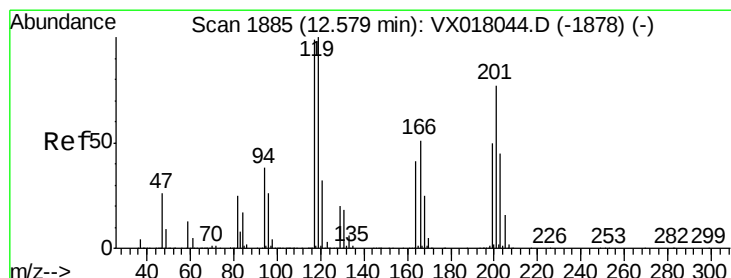
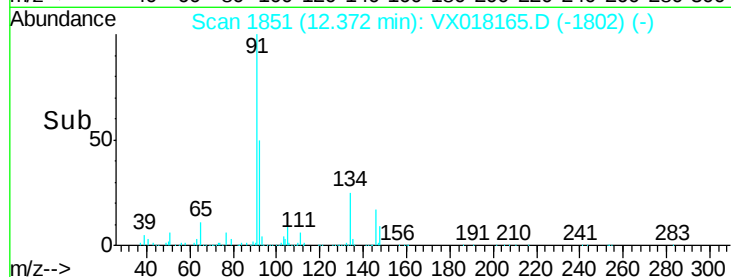
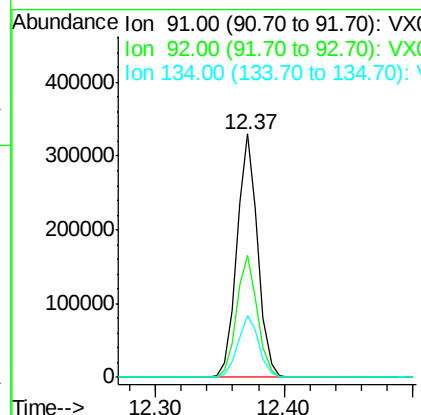
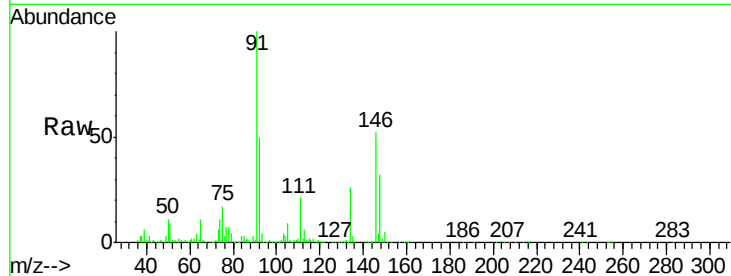
#89
n-Butylbenzene
Concen: 20.079 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	369738		
92	50.1	26.4	79.2	
134	25.9	12.9	38.7	

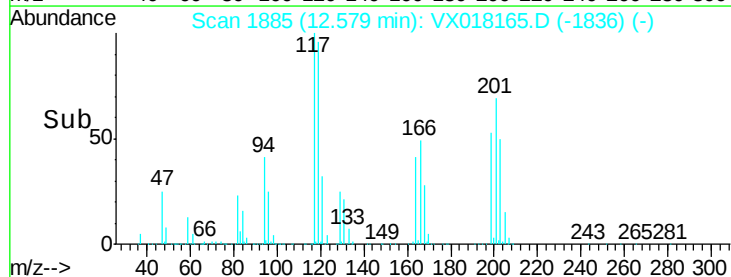
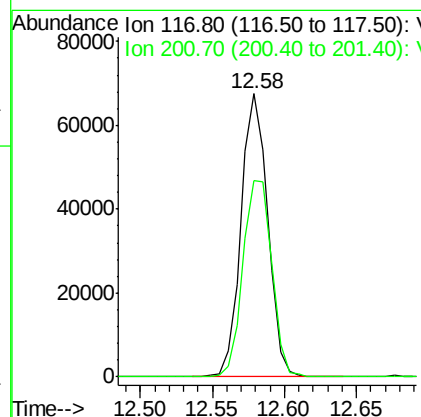
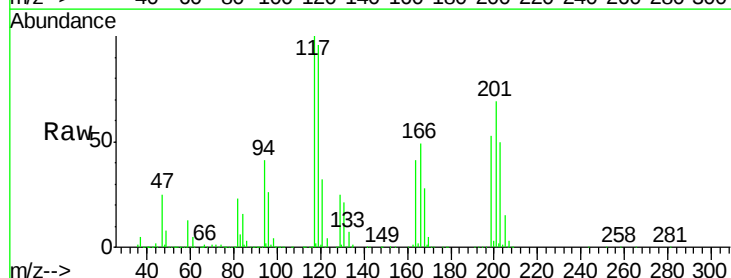
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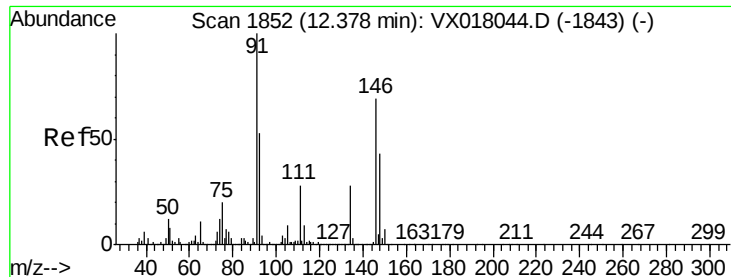
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#90
Hexachloroethane
Concen: 21.888 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	86881		
201	75.1	38.5	115.3	





#91

1,2-Dichlorobenzene

Concen: 20.654 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Instrument :

MSVOA_X

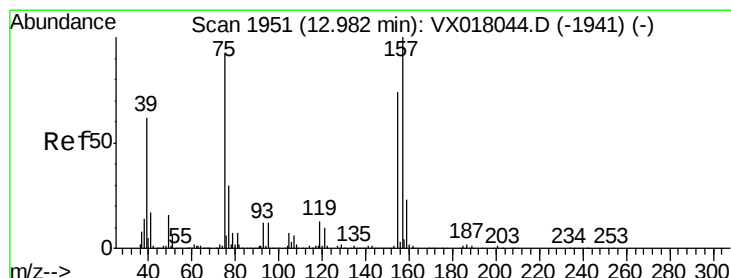
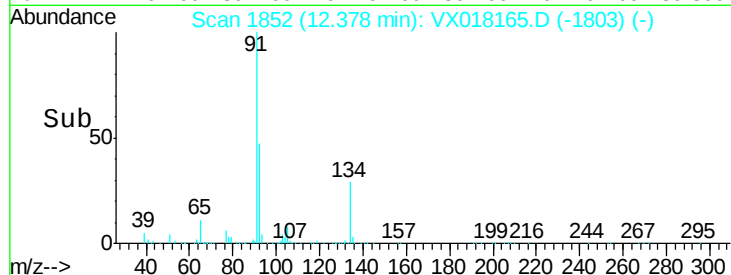
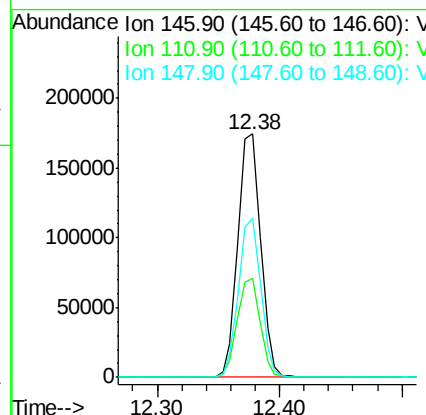
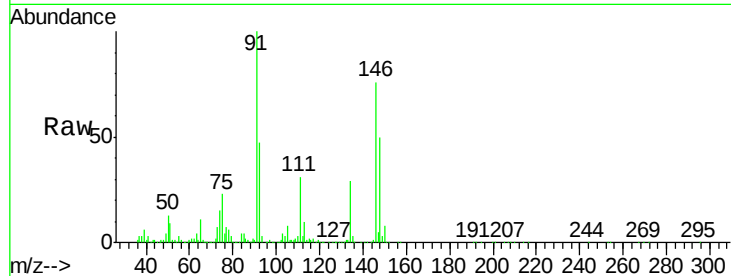
ClientSampleId :

VX0831WBSD02

Tot Ion:	146	Resp:	224714
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.8	62.5
148	64.0	31.6	95.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.071 ug/l

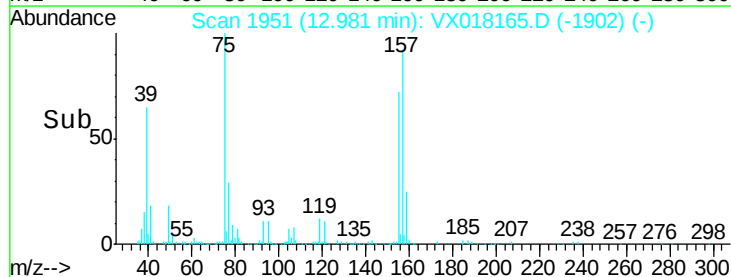
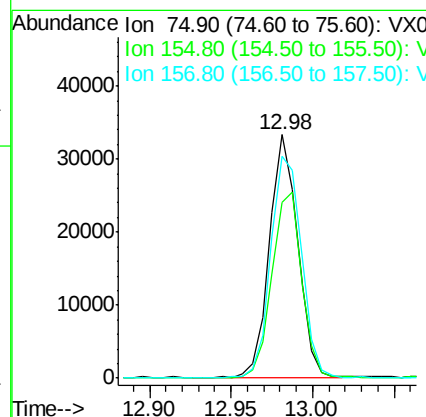
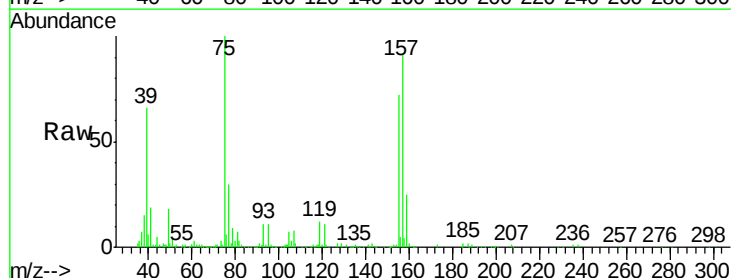
RT: 12.98 min Scan# 1951

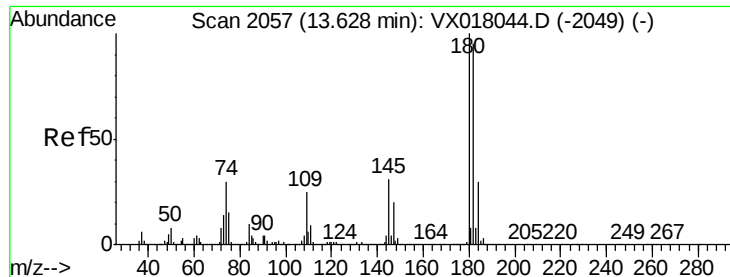
Delta R.T. -0.00 min

Lab File: VX018165.D

Acq: 31 Aug 2020 23:07

Tgt Ion:	75	Resp:	40062
Ion Ratio	Lower	Upper	
75	100		
155	81.0	40.2	120.6
157	99.4	55.0	165.2





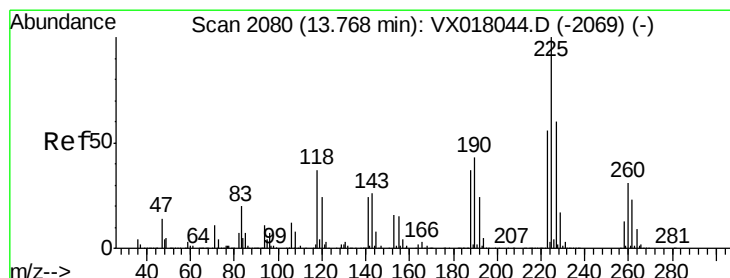
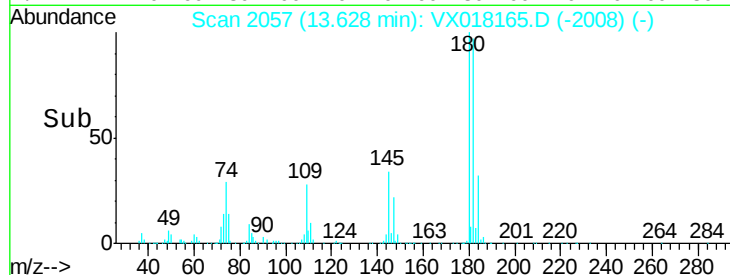
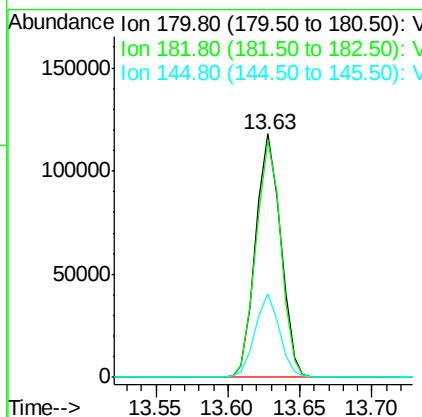
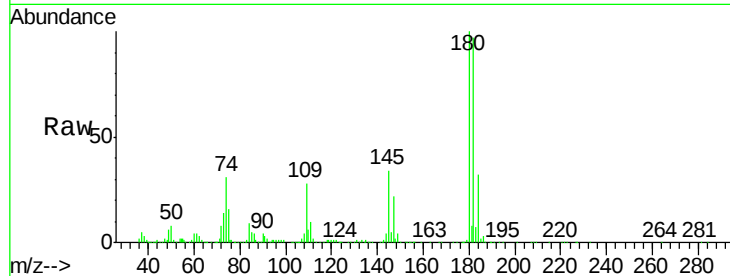
#93
 1,2,4-Trichlorobenzene
 Concen: 19.463 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	141209		
182	96.4	47.5	142.6	
145	33.4	15.7	47.1	

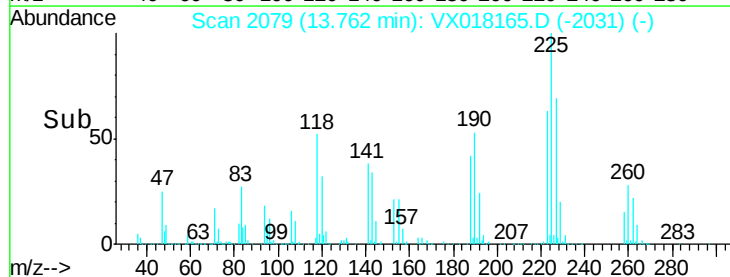
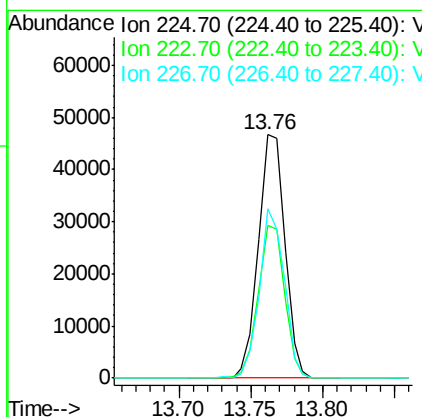
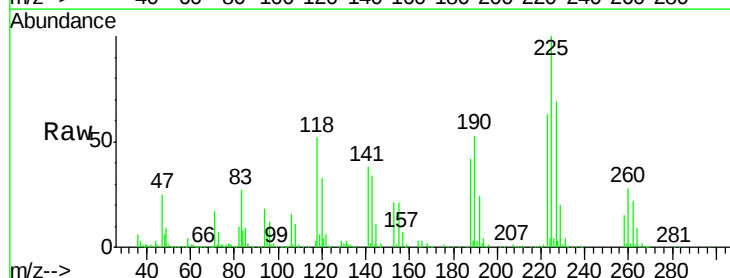
Manual Integrations
 APPROVED

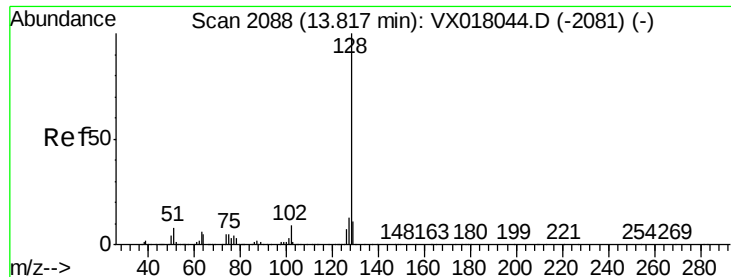
MMDadoda
 9/1/2020 9:08:24 AM



#94
 Hexachlorobutadiene
 Concen: 20.737 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018165.D
 Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59342		
223	62.0	30.7	92.1	
227	64.9	32.6	97.8	





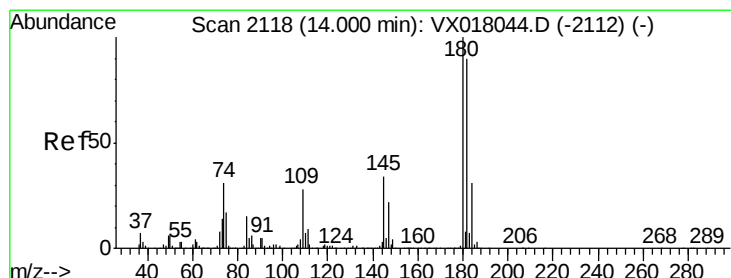
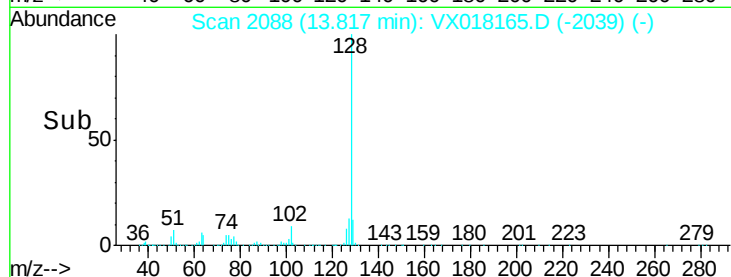
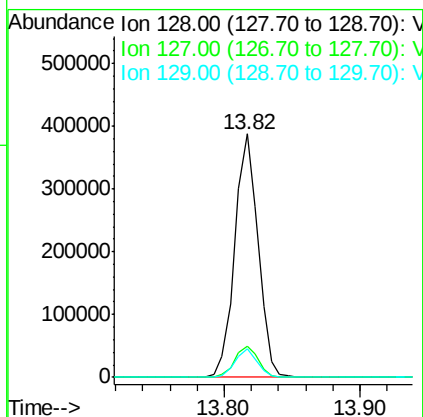
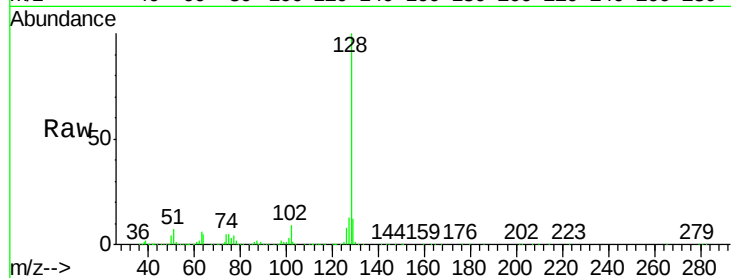
#95
Naphthalene
Concen: 19.360 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Instrument :
MSVOA_X
ClientSampled :
VX0831WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.3	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:24 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.317 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018165.D
Acq: 31 Aug 2020 23:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	142.0
145	33.0	17.5	52.6

