

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018164.D
 Acq On : 31 Aug 2020 22:44
 Operator : JC/SP
 Sample : VX0831WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:19 AM

Quant Time: Sep 01 07:11:33 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	451385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	713749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	688994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	358230	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	308918	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	5.46	113	243394	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	8.70	98	862950	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.12	95	337466	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	111852	20.353	ug/l	98
3) Chloromethane	1.31	50	108105	18.658	ug/l	97
4) Vinyl Chloride	1.39	62	105544	18.299	ug/l	99
5) Bromomethane	1.63	94	74223	26.680	ug/l	100
6) Chloroethane	1.72	64	62128	20.055	ug/l	97
7) Trichlorofluoromethane	1.92	101	177228	22.535	ug/l	99
8) Diethyl Ether	2.17	74	53838	20.186	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	86197	20.273	ug/l	96
10) Methyl Iodide	2.49	142	86370	22.266	ug/l	97
11) Tert butyl alcohol	3.02	59	111871	91.817	ug/l	100
12) 1,1-Dichloroethene	2.36	96	86203	19.542	ug/l	99
13) Acrolein	2.28	56	33664	66.634	ug/l	97
14) Allyl chloride	2.71	41	155241	19.588	ug/l	98
15) Acrylonitrile	3.12	53	264300	95.628	ug/l	99
16) Acetone	2.42	43	235992	96.648	ug/l	95
17) Carbon Disulfide	2.55	76	242515	18.186	ug/l	97
18) Methyl Acetate	2.75	43	127216	21.590	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	304451	20.125	ug/l	97
20) Methylene Chloride	2.84	84	100493	19.414	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	94203	19.276	ug/l	94
22) Diisopropyl ether	3.82	45	311478	19.913	ug/l	# 86
23) Vinyl Acetate	3.79	43	1354875	97.345	ug/l	99
24) 1,1-Dichloroethane	3.67	63	175886	19.753	ug/l	98
25) 2-Butanone	4.64	43	368181	91.748	ug/l	99
26) 2,2-Dichloropropane	4.55	77	125539	17.328	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	106280	18.874	ug/l	98
28) Bromochloromethane	4.98	49	75510	17.569	ug/l	98
29) Tetrahydrofuran	5.09	42	233478	91.396	ug/l	95
30) Chloroform	5.18	83	185962	20.170	ug/l	95
31) Cyclohexane	5.56	56	141710	18.894	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	173397	20.494	ug/l	99
36) 1,1-Dichloropropene	5.77	75	130272	19.788	ug/l	99
37) Ethyl Acetate	4.80	43	146709	19.188	ug/l	99
38) Carbon Tetrachloride	5.76	117	161011	21.702	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	139893	19.433	ug/l	99
40) Benzene	6.12	78	387848	20.050	ug/l	97
41) Methacrylonitrile	5.01	41	79268	18.881	ug/l	96
42) 1,2-Dichloroethane	6.16	62	153829	20.756	ug/l	98
43) Isopropyl Acetate	6.42	43	232234	18.805	ug/l	99
44) Trichloroethene	7.19	130	105684	19.335	ug/l	96
45) 1,2-Dichloropropane	7.49	63	102204	19.603	ug/l	97
46) Dibromomethane	7.63	93	73532	20.056	ug/l	99
47) Bromodichloromethane	7.87	83	148746	20.319	ug/l	95
48) Methyl methacrylate	7.74	41	115104	18.723	ug/l	97
49) 1,4-Dioxane	7.71	88	40302	361.900	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	740185	97.028	ug/l	100
52) Toluene	8.76	92	246201	20.072	ug/l	94
53) t-1,3-Dichloropropene	9.02	75	158793	19.572	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	165333	19.237	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	107024	20.458	ug/l	97
56) Ethyl methacrylate	9.16	69	146201	18.799	ug/l	98
57) 1,3-Dichloropropane	9.35	76	170986	19.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	288798	82.550	ug/l	99
59) 2-Hexanone	9.48	43	560899	96.696	ug/l	99
60) Dibromochloromethane	9.57	129	125171	20.396	ug/l	99
61) 1,2-Dibromoethane	9.65	107	114168	20.102	ug/l	98
64) Tetrachloroethene	9.32	164	107348	21.202	ug/l	92
65) Chlorobenzene	10.12	112	277380	20.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	111644	20.585	ug/l	97
67) Ethyl Benzene	10.24	91	470287	20.097	ug/l	98
68) m/p-Xylenes	10.34	106	354854	40.627	ug/l	99
69) o-Xylene	10.68	106	170937	20.188	ug/l	100
70) Styrene	10.70	104	292188	20.263	ug/l	99
71) Bromoform	10.84	173	95663	20.679	ug/l #	98
73) Isopropylbenzene	11.00	105	459466	19.445	ug/l	98
74) N-amyl acetate	10.88	43	205193	18.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	151905	18.224	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	150459m	18.881	ug/l	
77) Bromobenzene	11.24	156	125315	19.186	ug/l	98
78) n-propylbenzene	11.34	91	524534	19.550	ug/l	99
79) 2-Chlorotoluene	11.40	91	322739	19.470	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	398487	20.522	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	50124	16.988	ug/l	97
82) 4-Chlorotoluene	11.49	91	385294	19.552	ug/l	99
83) tert-Butylbenzene	11.76	119	388515	20.275	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	399609	20.129	ug/l	99
85) sec-Butylbenzene	11.93	105	436798	20.044	ug/l	99
86) p-Isopropyltoluene	12.05	119	411815	20.573	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	217516	18.968	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	220847	19.234	ug/l	99
89) n-Butylbenzene	12.37	91	343988	18.828	ug/l	99
90) Hexachloroethane	12.58	117	82285	20.894	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	211593	19.602	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	38113	18.287	ug/l	96

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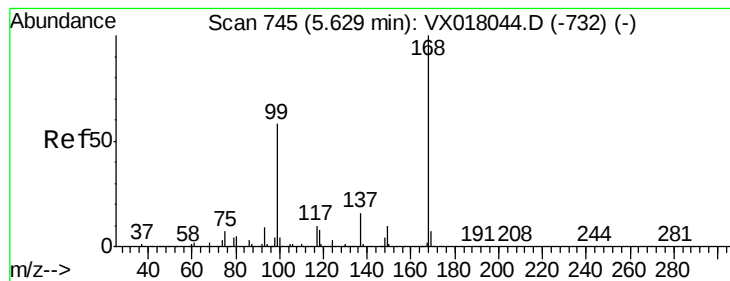
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	135994	18.893	ug/l	98
94) Hexachlorobutadiene	13.76	225	56790	20.002	ug/l	98
95) Naphthalene	13.82	128	438399	18.506	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	133519	18.772	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS02

Tot Ion:168 Resp: 451385

Ion Ratio Lower Upper

168 100

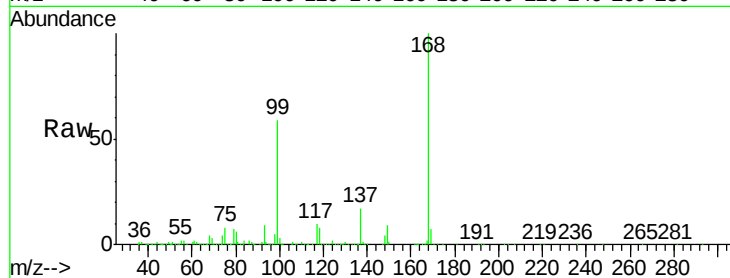
99 58.6 46.3 69.5

Manual Integrations

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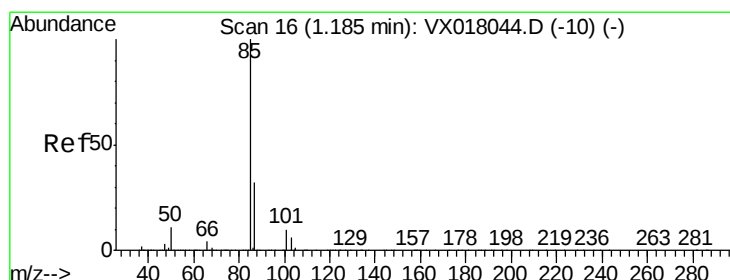
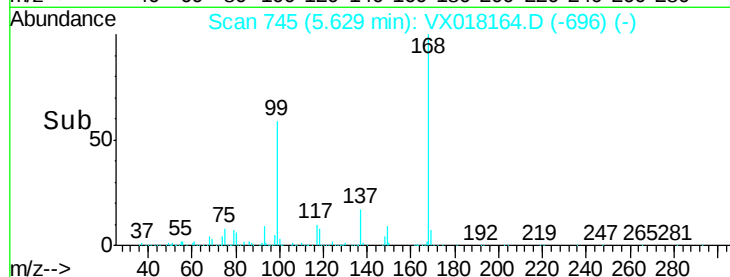
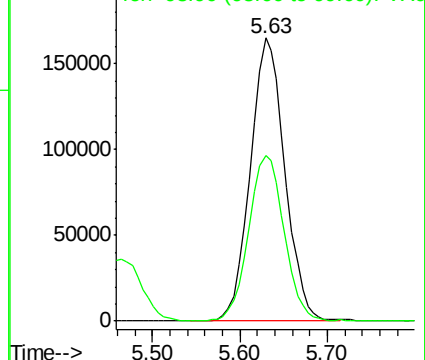
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.353 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018164.D

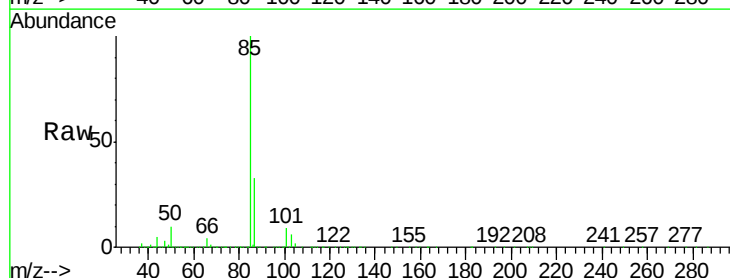
Acq: 31 Aug 2020 22:44

Tgt Ion: 85 Resp: 111852

Ion Ratio Lower Upper

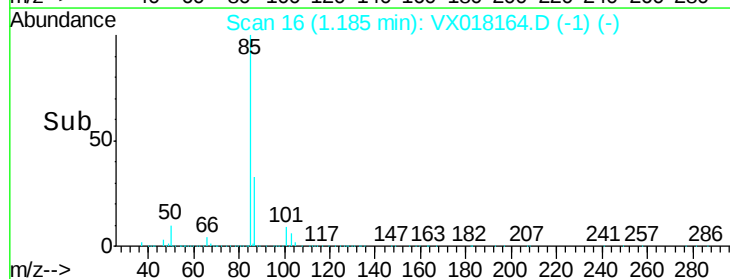
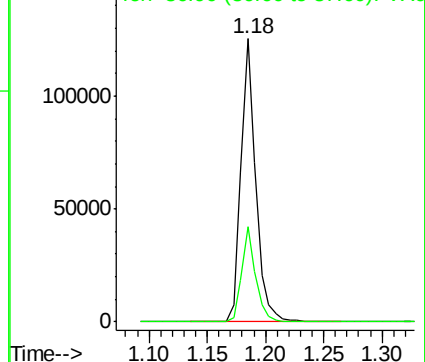
85 100

87 33.5 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: 18.658 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS02

Tot Ion: 50 Resp: 108105

Ion Ratio Lower Upper

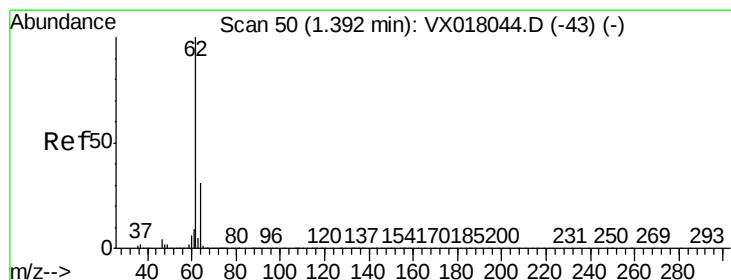
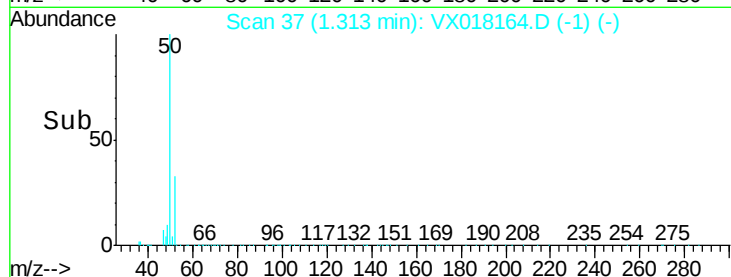
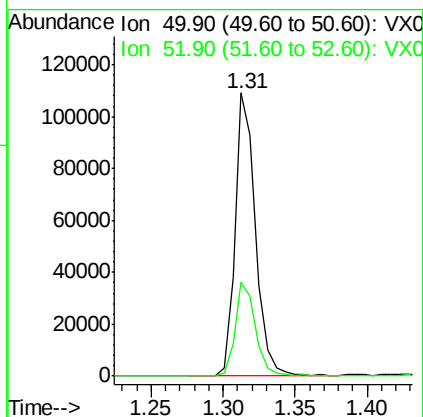
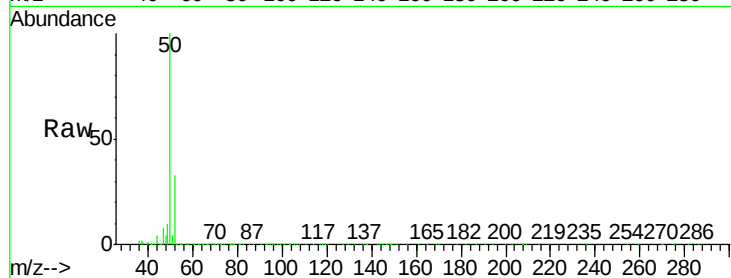
50 100

52 33.2 25.4 38.2

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#4

Vinyl Chloride

Concen: 18.299 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018164.D

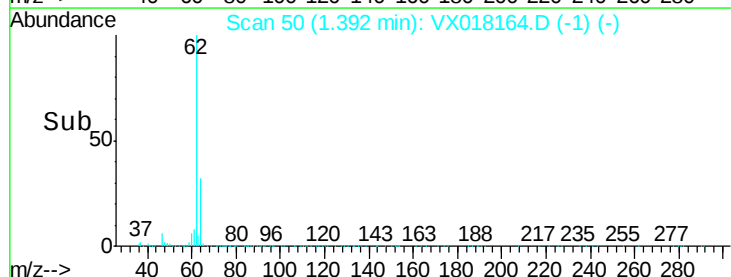
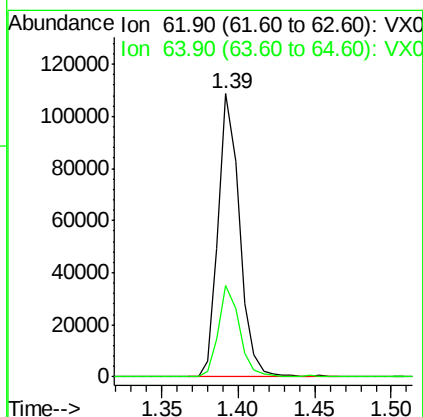
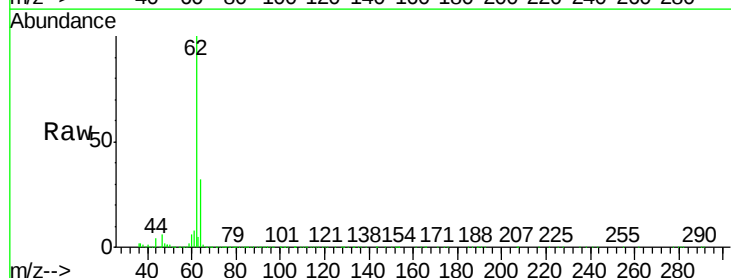
Acq: 31 Aug 2020 22:44

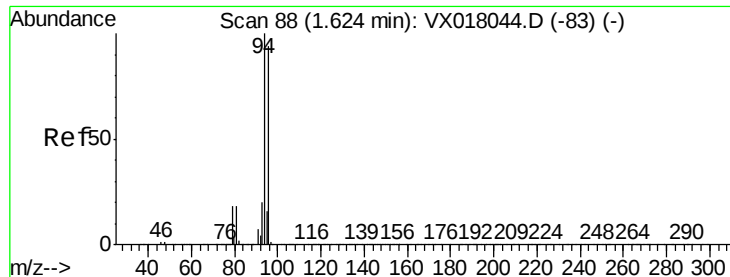
Tgt Ion: 62 Resp: 105544

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 26.680 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Tot Ion: 94 Resp: 74223

Ion Ratio Lower Upper

94 100

96 93.7 74.8 112.2

Instrument :

MSVOA_X

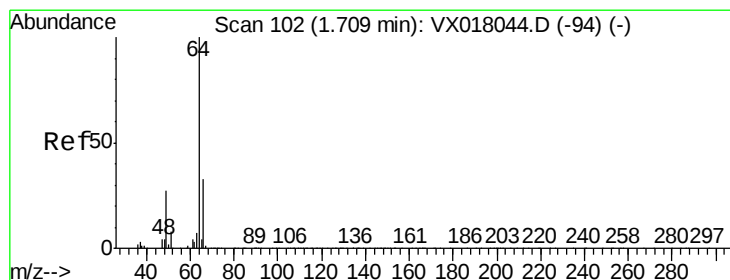
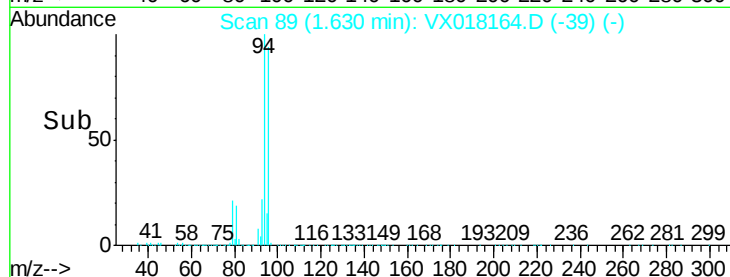
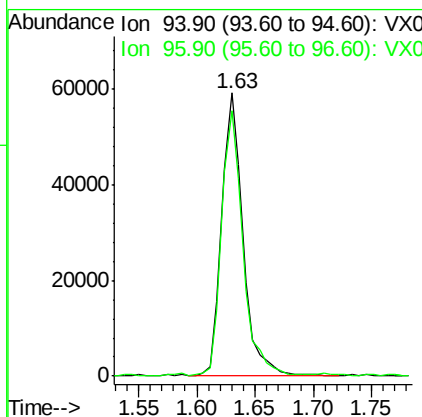
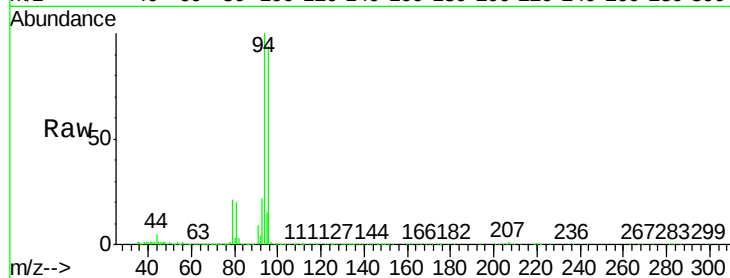
ClientSampleId :

VX0831WBS02

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#6

Chloroethane

Concen: 20.055 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018164.D

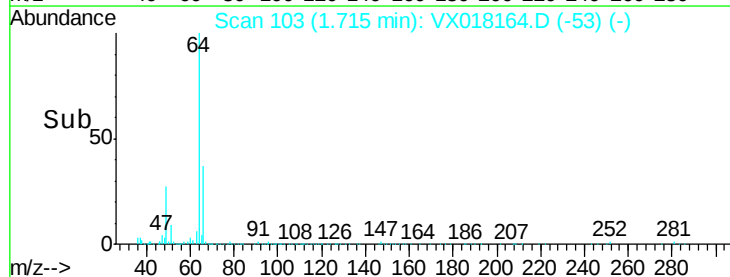
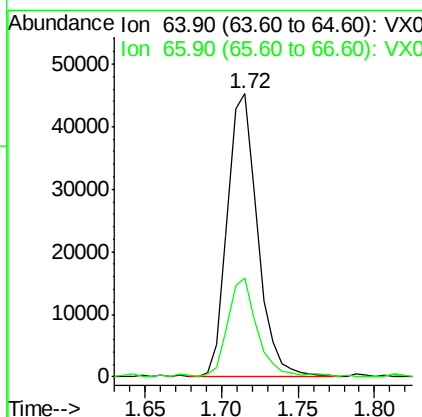
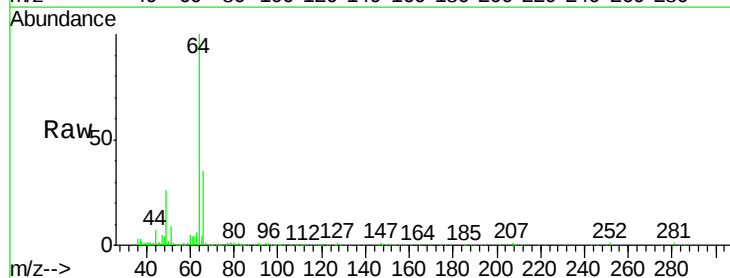
Acq: 31 Aug 2020 22:44

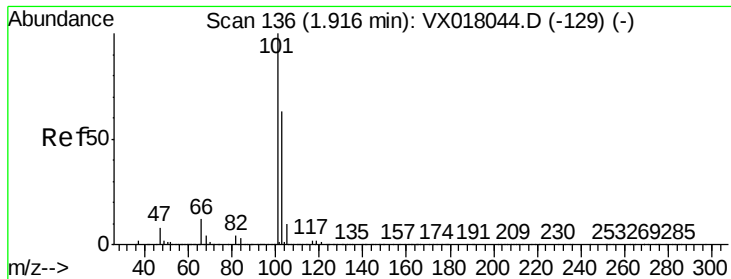
Tgt Ion: 64 Resp: 62128

Ion Ratio Lower Upper

64 100

66 34.7 26.6 39.8





#7

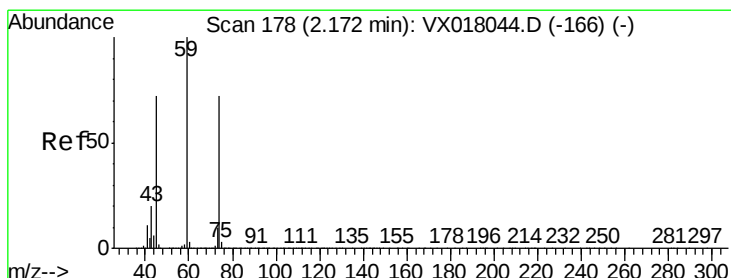
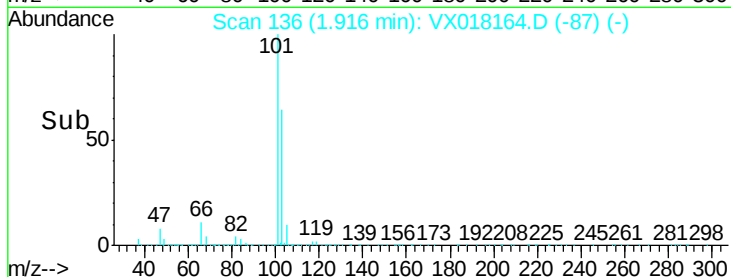
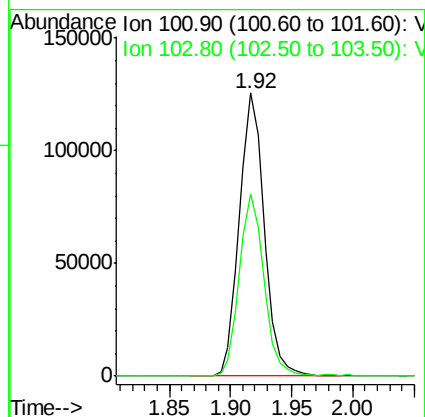
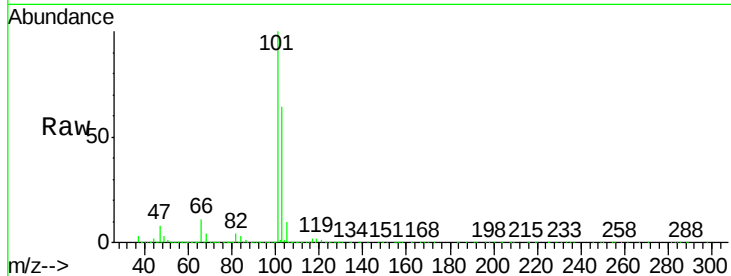
Trichlorofluoromethane
Concen: 22.535 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.7	76.1

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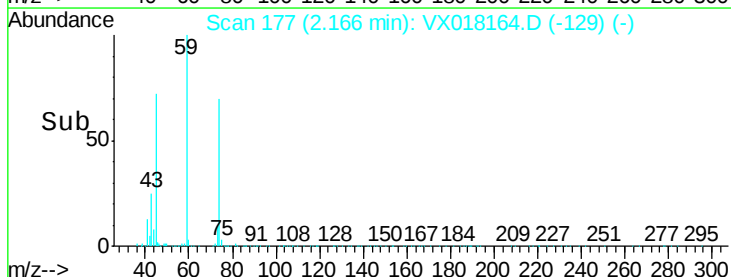
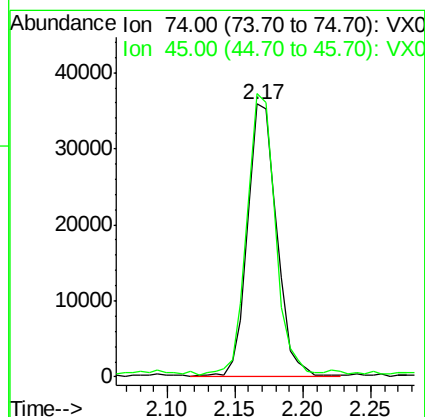
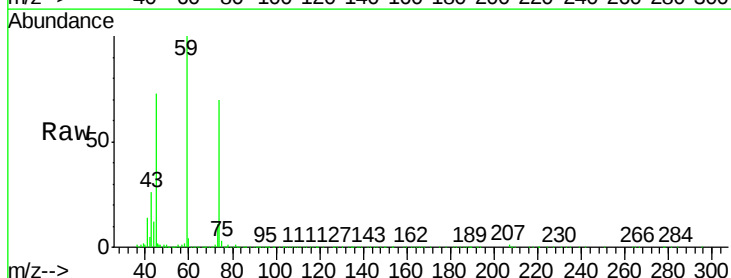
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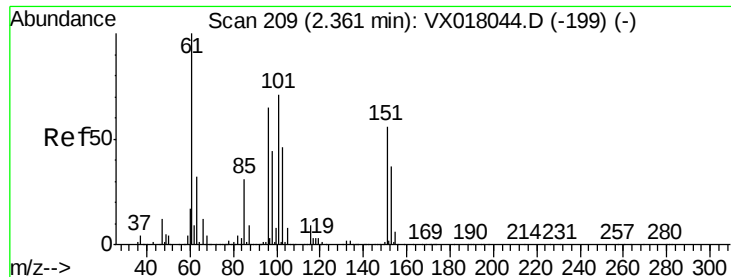


#8

Diethyl Ether
Concen: 20.186 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.2	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.273 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

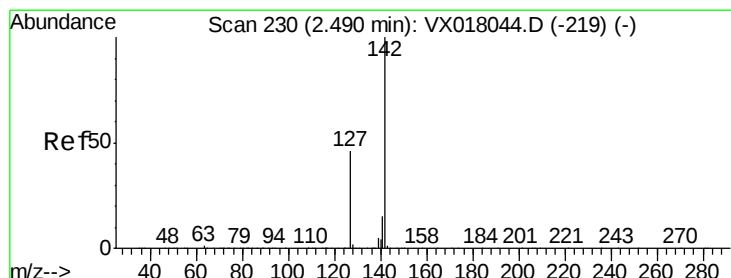
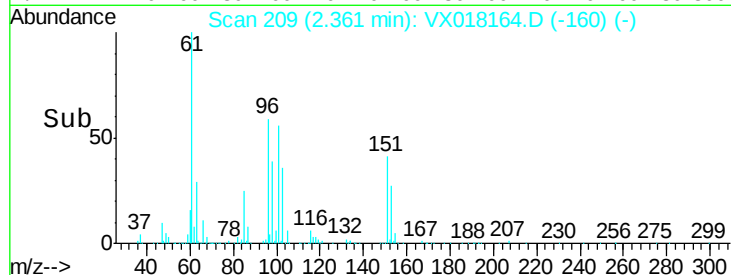
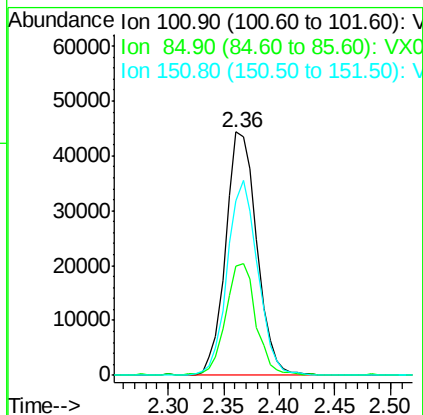
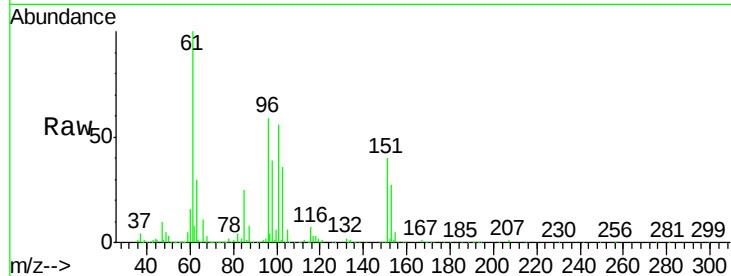
ClientSampleId :

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Tot Ion:	101	Resp:	86197
Ion Ratio	Lower	Upper	
101	100		
85	44.8	34.0	51.0
151	78.1	65.2	97.8

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#10

Methyl Iodide

Concen: 22.266 ug/l

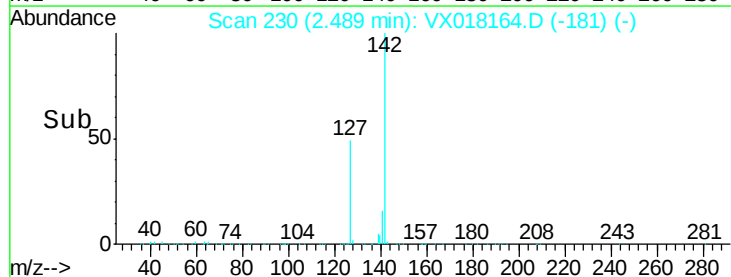
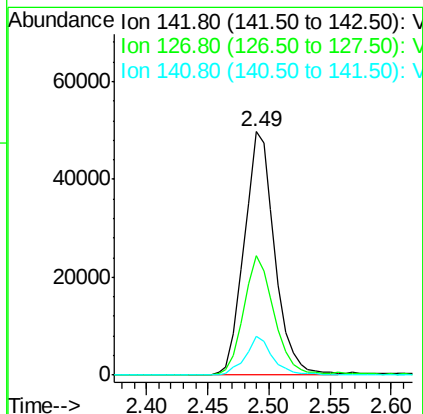
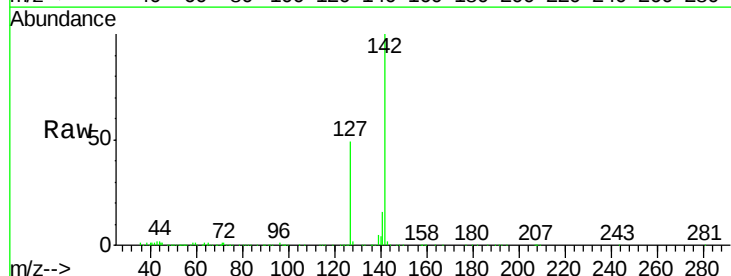
RT: 2.49 min Scan# 230

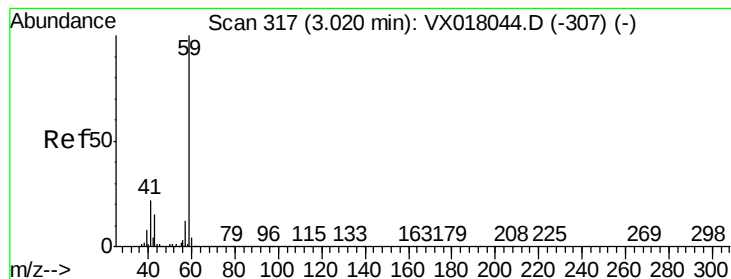
Delta R.T. 0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Tgt Ion:	142	Resp:	86370
Ion Ratio	Lower	Upper	
142	100		
127	48.5	37.0	55.6
141	14.1	11.5	17.3





#11

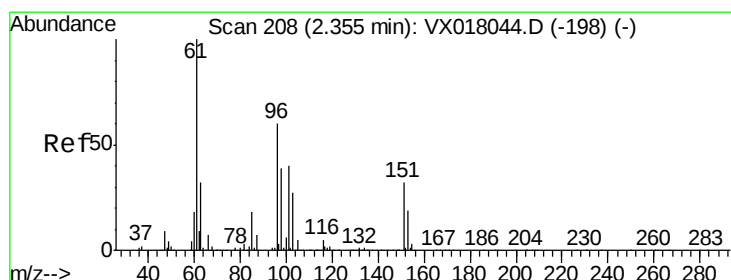
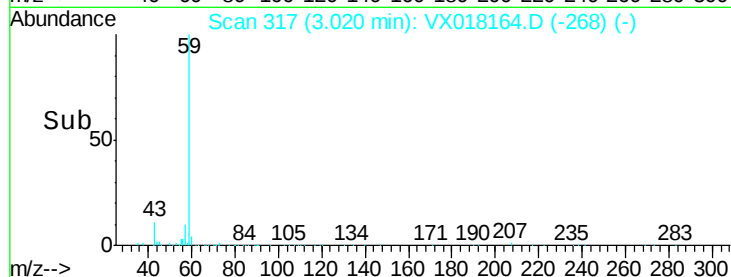
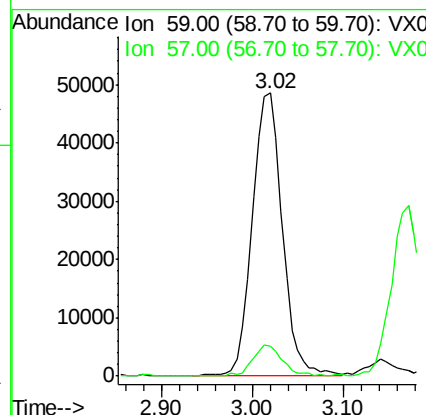
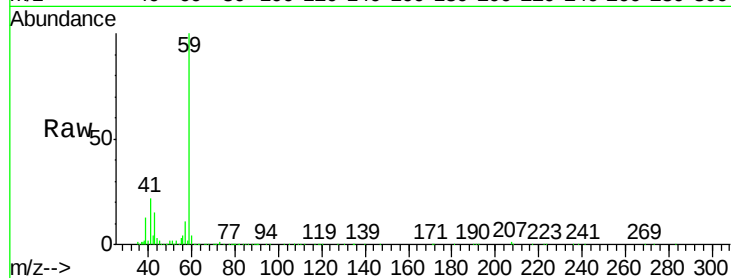
Tert butyl alcohol
 Concen: 91.817 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX018164.D
 Acq: 31 Aug 2020 22:44

Instrument :
 MSVOA_X
 ClientSampled :
 VX0831WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.9	13.3

Manual Integrations
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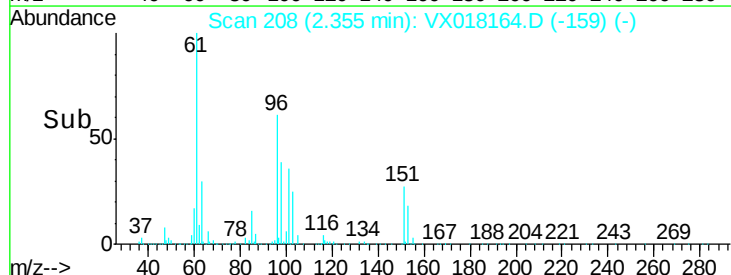
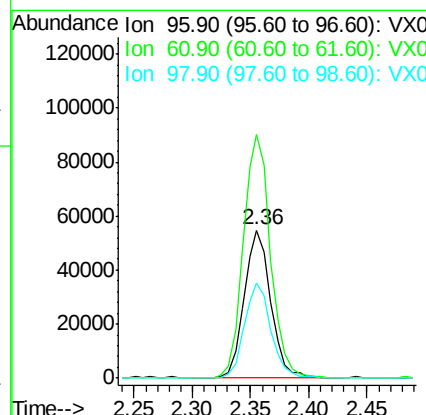
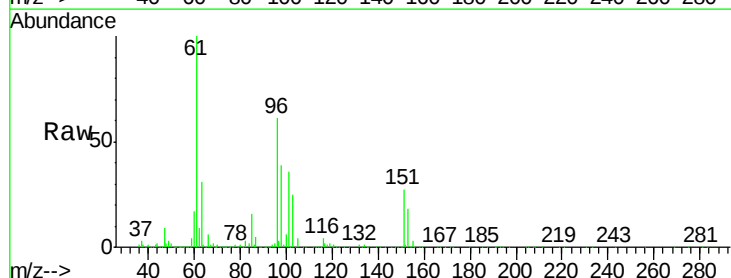
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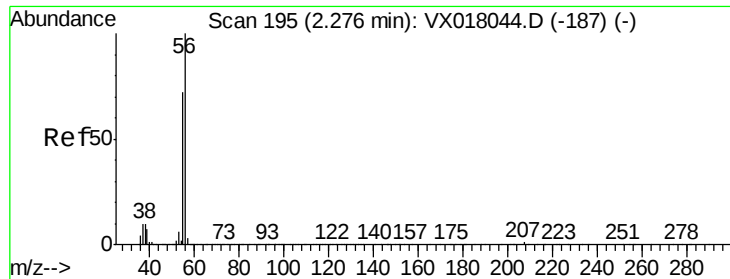


#12

1,1-Dichloroethene
 Concen: 19.542 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018164.D
 Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.7	133.0	199.4
98	64.0	51.6	77.4





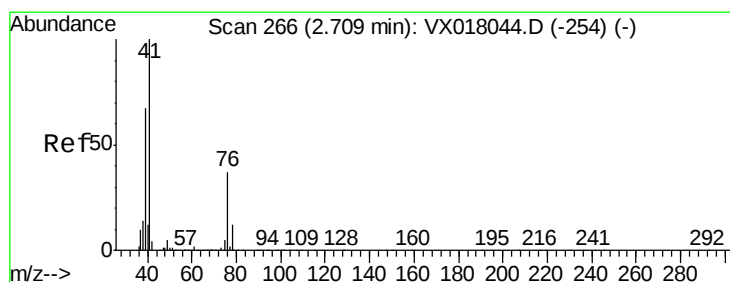
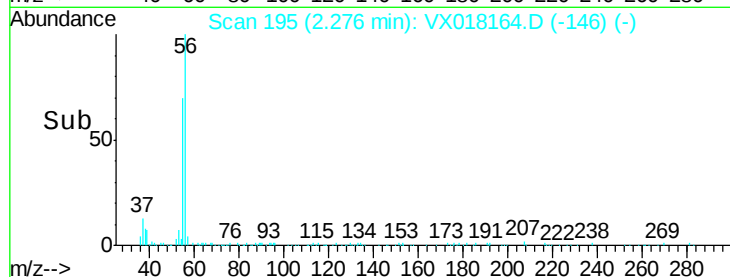
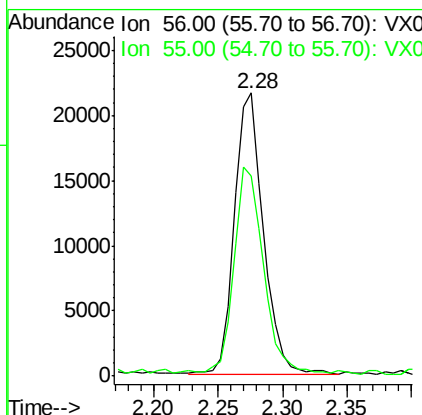
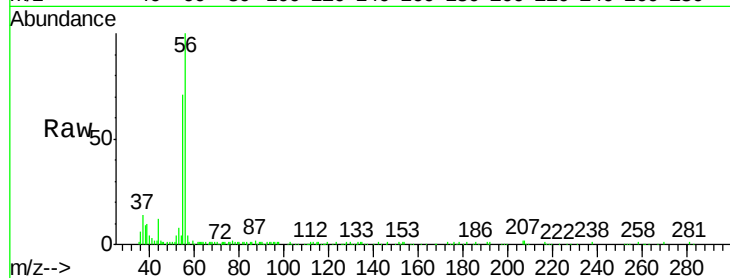
#13
Acrolein
Concen: 66.634 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampled :
VX0831WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.5	57.0	85.6

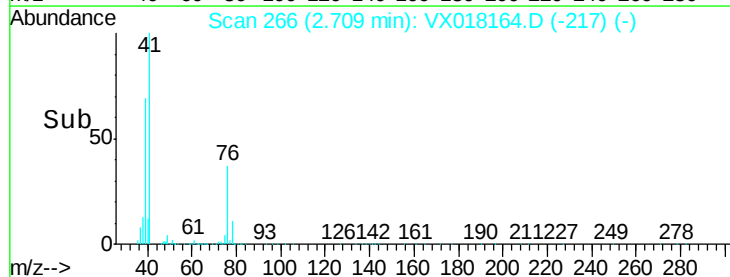
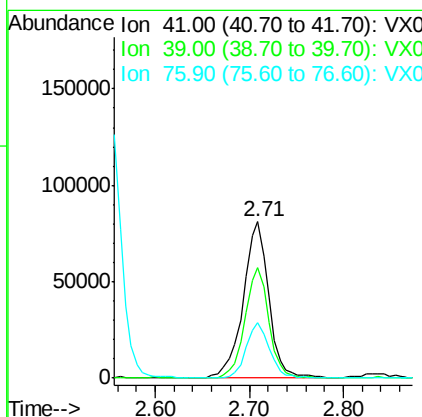
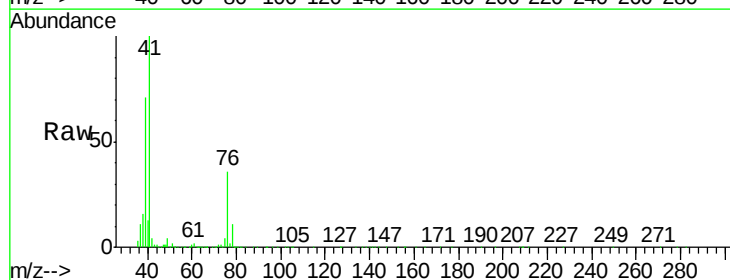
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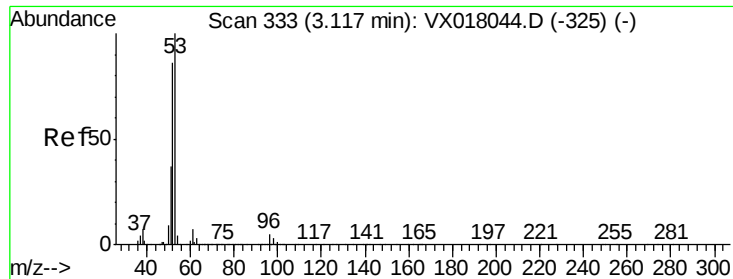
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#14
Allyl chloride
Concen: 19.588 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.8	50.6	76.0
76	32.3	26.2	39.2





#15

Acrylonitrile

Concen: 95.628 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

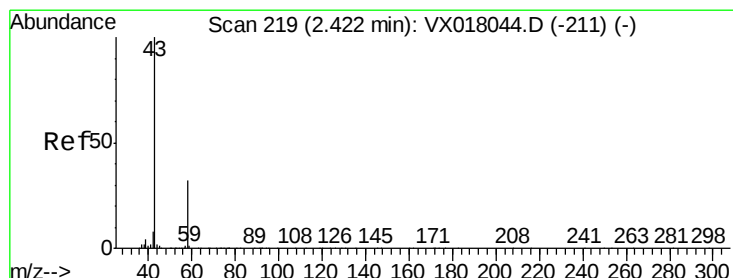
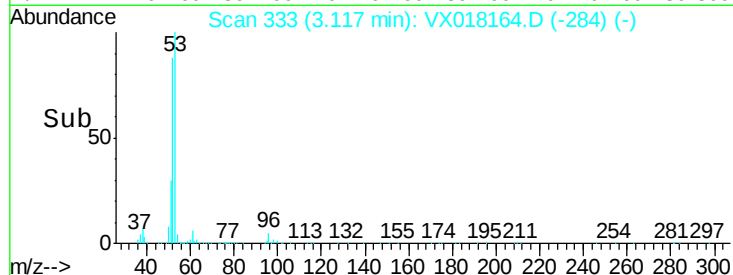
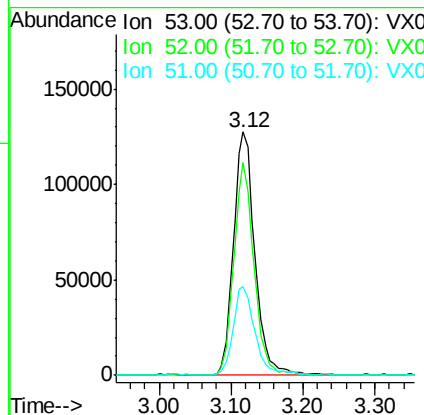
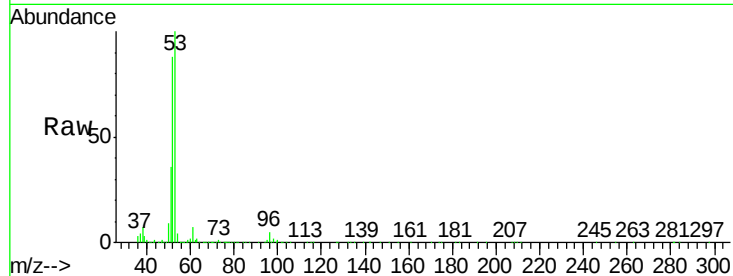
ClientSampleId :

VX0831WBS02

Tot Ion:	53	Resp:	264300
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.9	100.3
51	36.7	28.7	43.1

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#16

Acetone

Concen: 96.648 ug/l

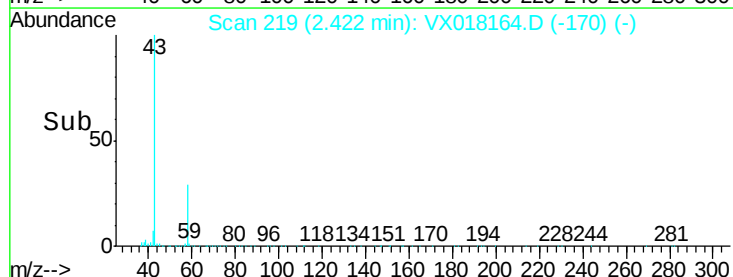
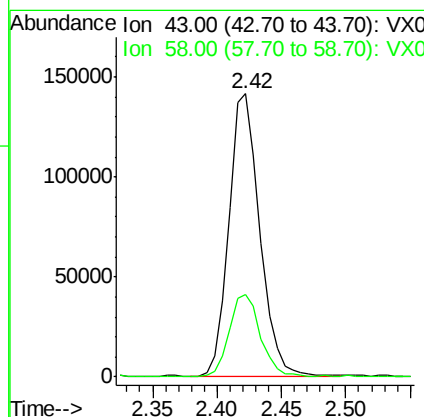
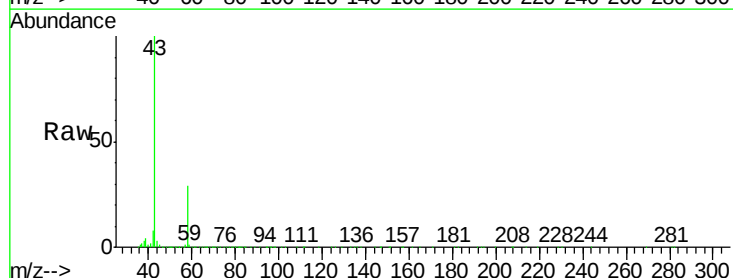
RT: 2.42 min Scan# 219

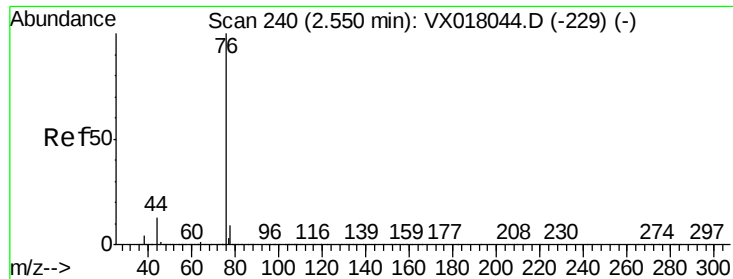
Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Tgt Ion:	43	Resp:	235992
Ion Ratio	Lower	Upper	
43	100		
58	29.3	25.5	38.3





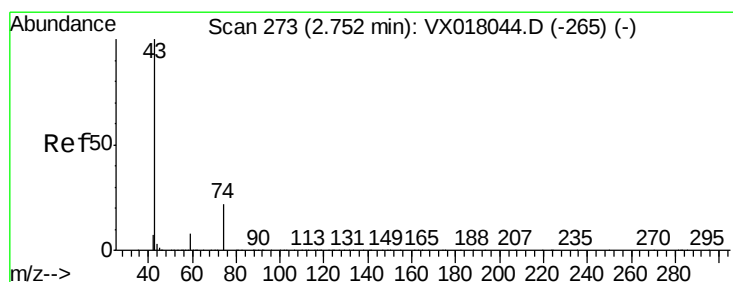
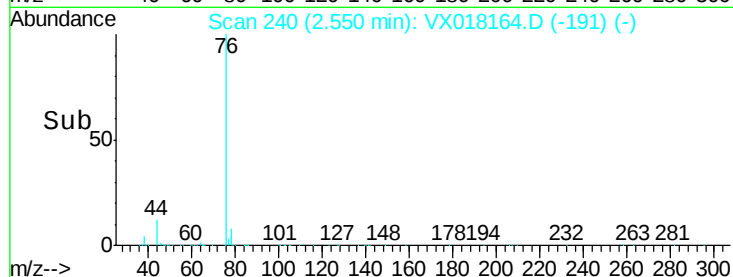
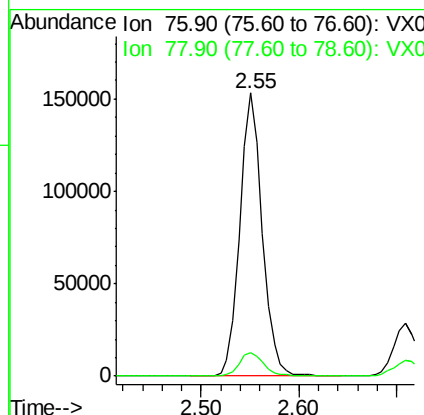
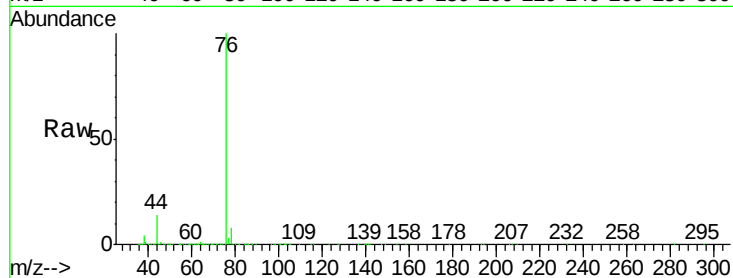
#17
Carbon Disulfide
Concen: 18.186 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.4	11.0

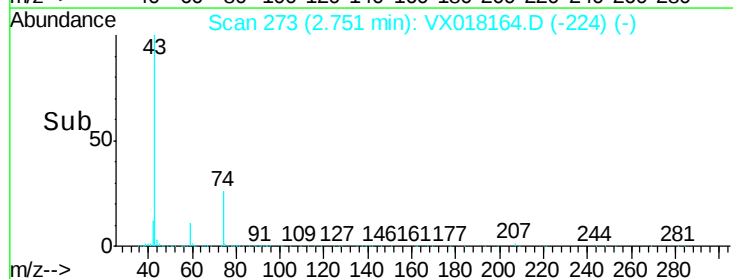
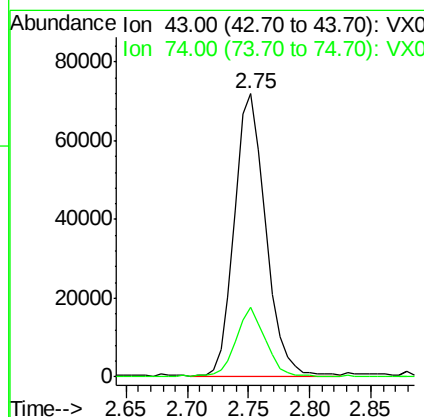
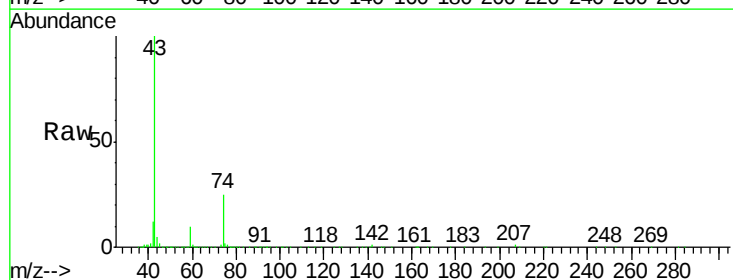
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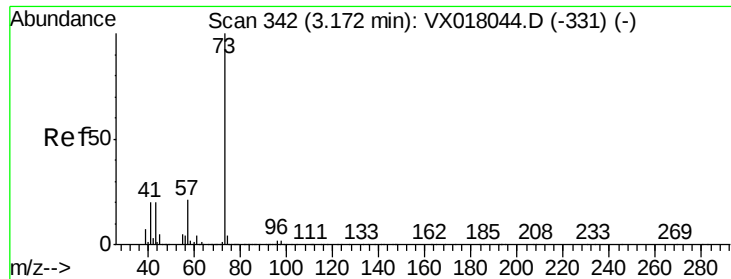
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#18
Methyl Acetate
Concen: 21.590 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.2	27.4





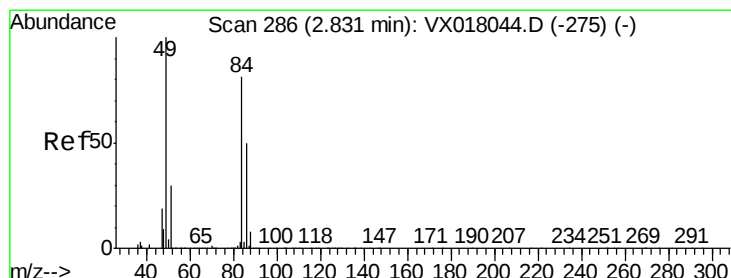
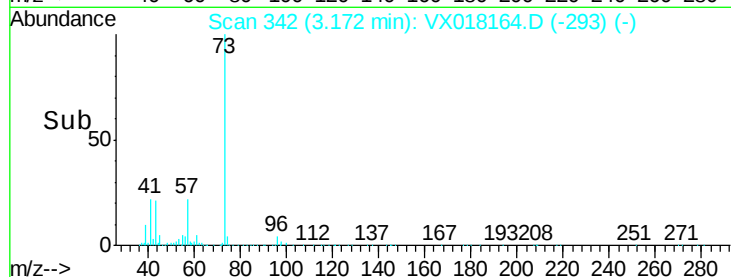
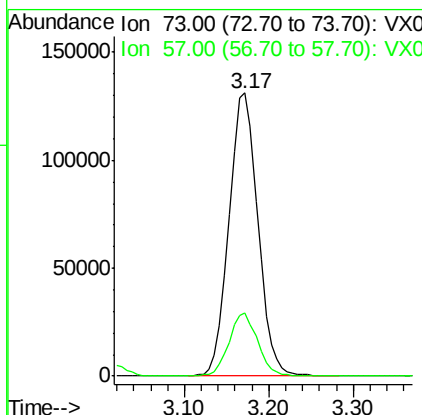
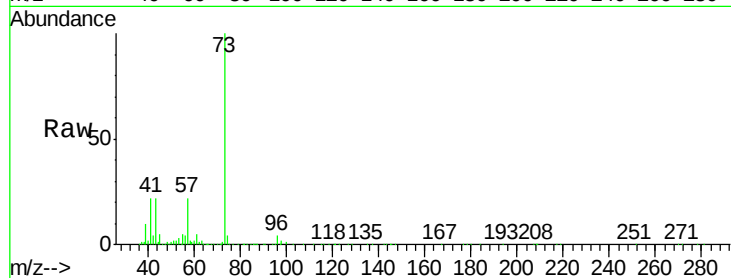
#19
Methvl tert-butvl Ether
Concen: 20.125 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.8	25.2

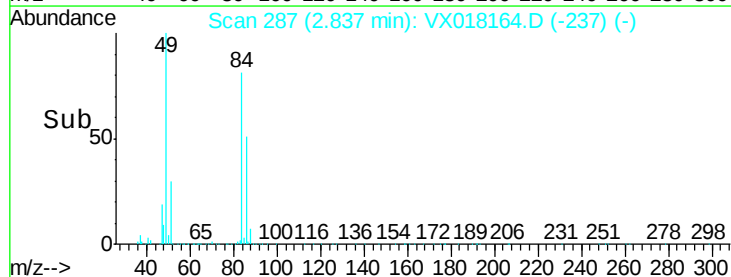
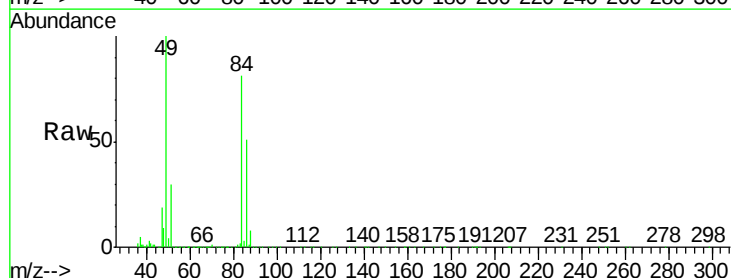
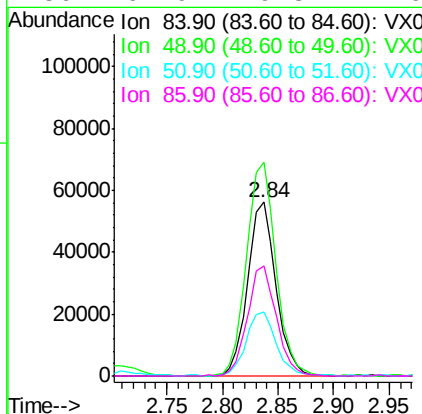
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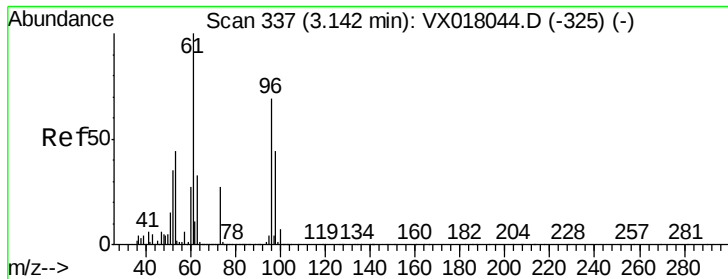
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#20
Methylene Chloride
Concen: 19.414 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.5	98.6	148.0
51	36.3	29.6	44.4
86	62.9	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 19.276 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

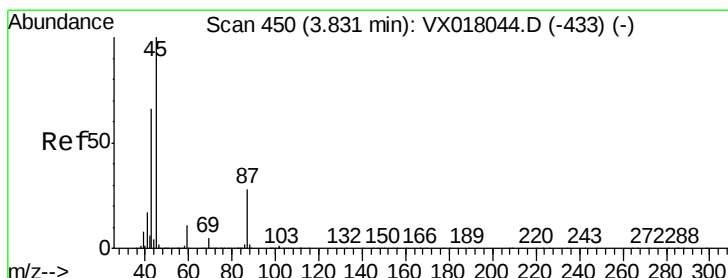
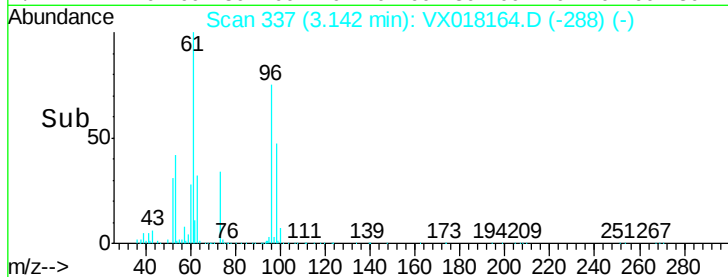
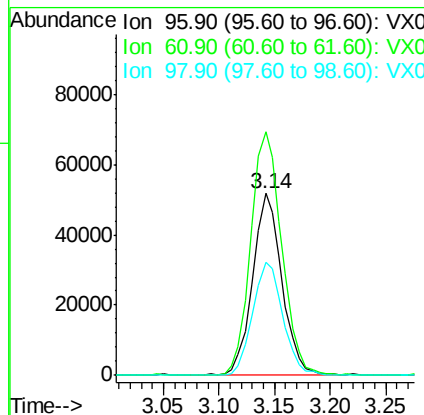
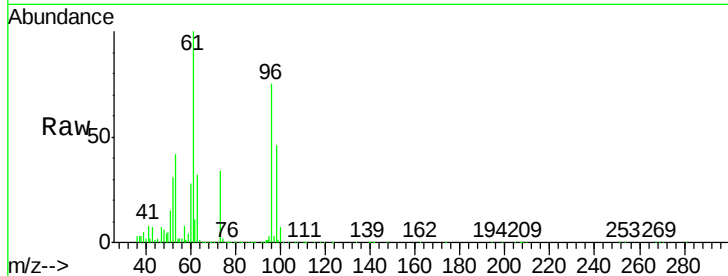
ClientSampleId :

VX0831WBS02

Tot Ion:	96	Resp:	94203
Ion	Ratio	Lower	Upper
96	100		
61	134.0	115.4	173.0
98	62.2	51.1	76.7

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#22

Diisopropyl ether

Concen: 19.913 ug/l

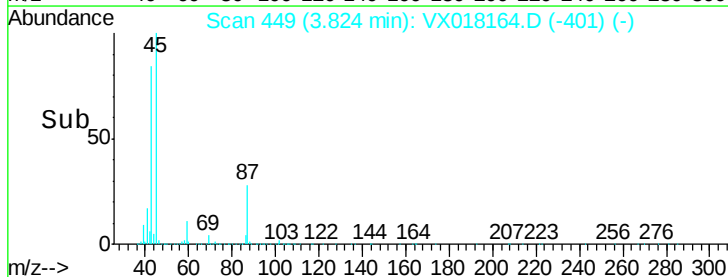
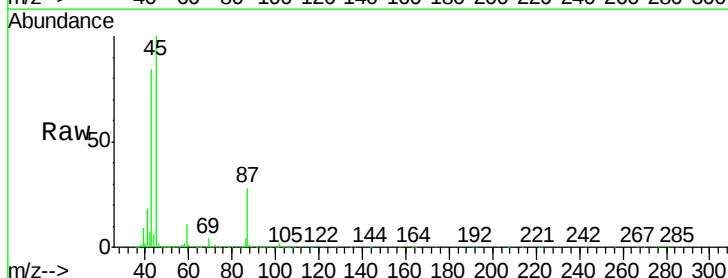
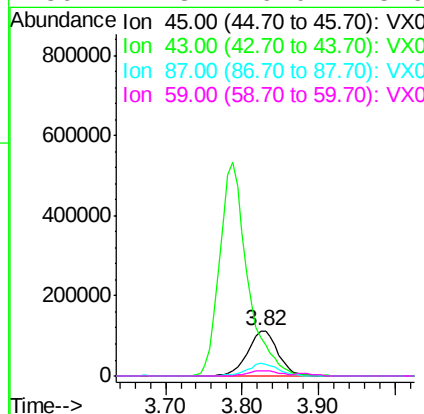
RT: 3.82 min Scan# 449

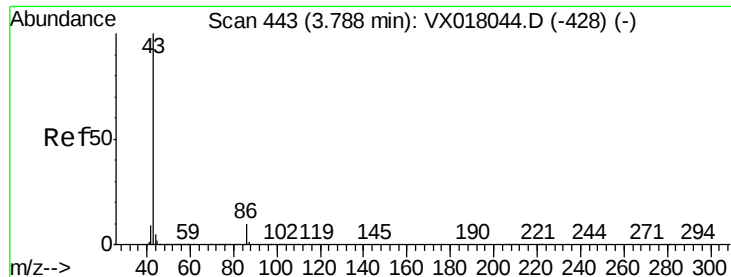
Delta R.T. -0.01 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Tgt Ion:	45	Resp:	311478
Ion	Ratio	Lower	Upper
45	100		
43	83.4	52.8	79.2#
87	28.0	22.5	33.7
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 97.345 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS02

Tot Ion: 43 Resp: 1354875

Ion Ratio Lower Upper

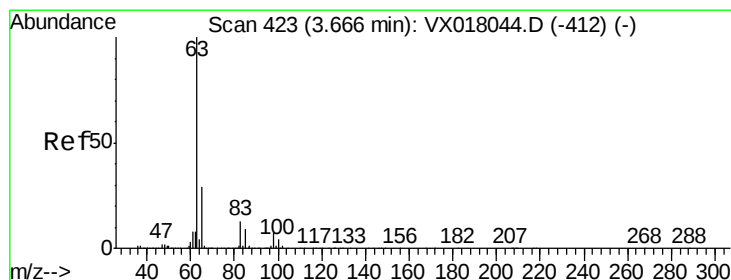
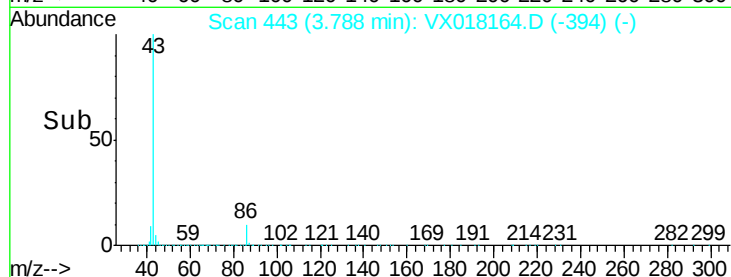
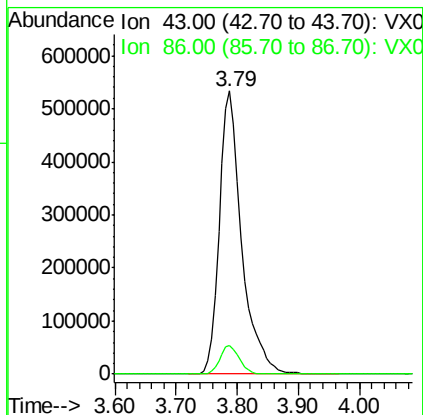
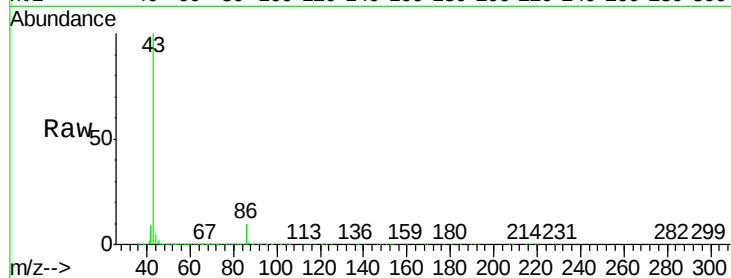
43 100

86 10.2 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 19.753 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

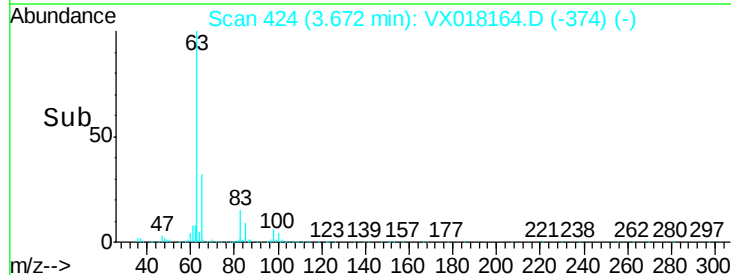
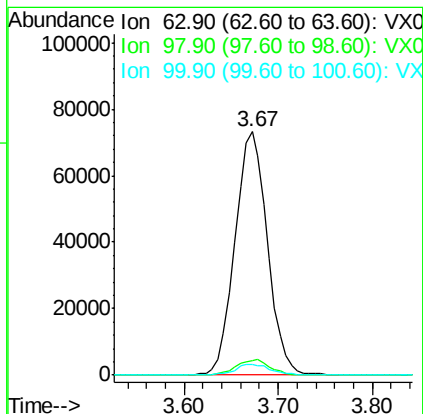
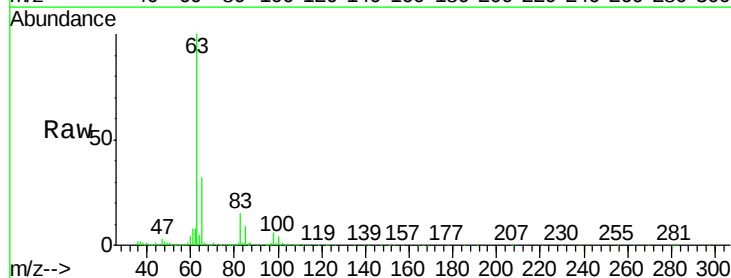
Tgt Ion: 63 Resp: 175886

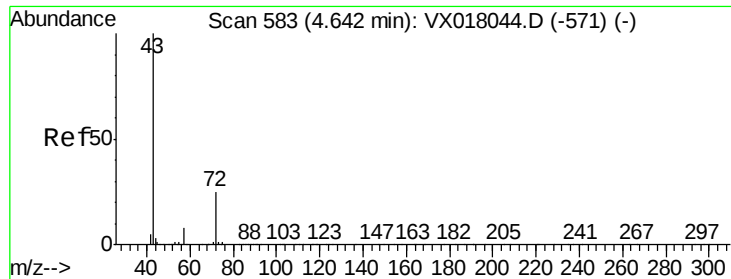
Ion Ratio Lower Upper

63 100

98 6.0 3.6 10.8

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 91.748 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Tot Ion: 43 Resp: 368181

Ion Ratio Lower Upper

43 100

72 24.3 19.8 29.6

Instrument :

MSVOA_X

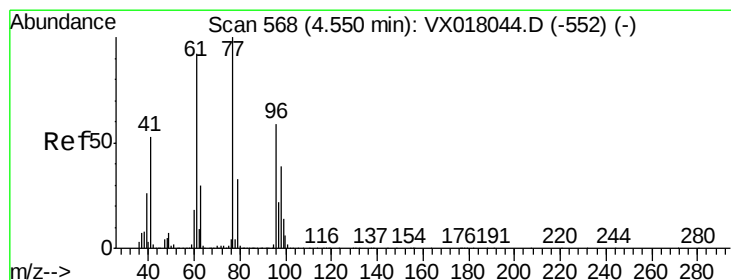
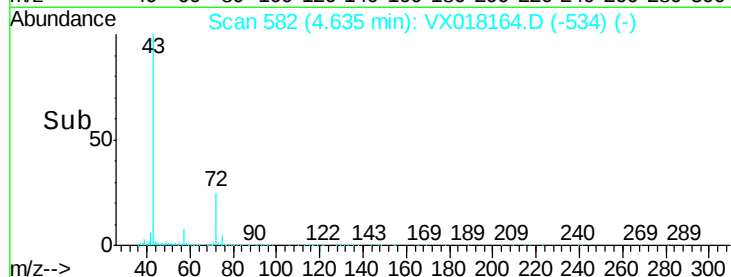
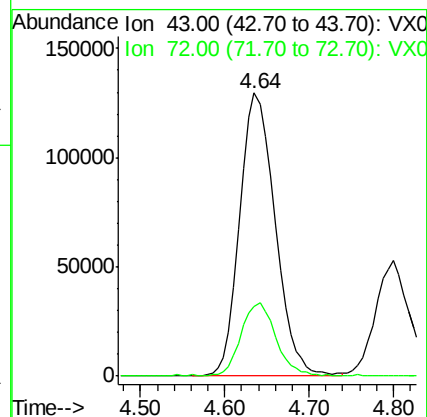
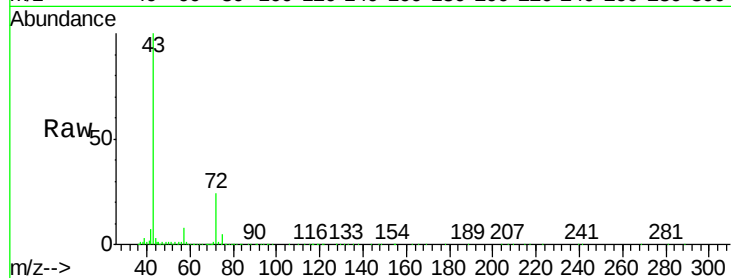
ClientSampleId :

VX0831WBS02

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#26

2,2-Dichloropropane

Concen: 17.328 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018164.D

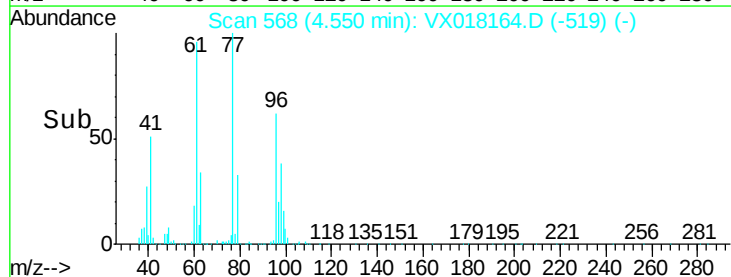
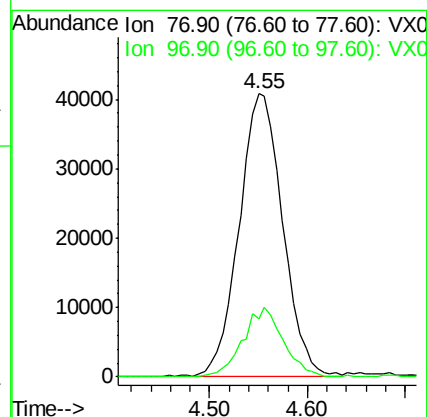
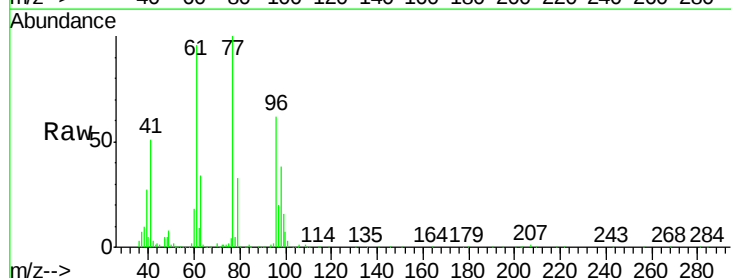
Acq: 31 Aug 2020 22:44

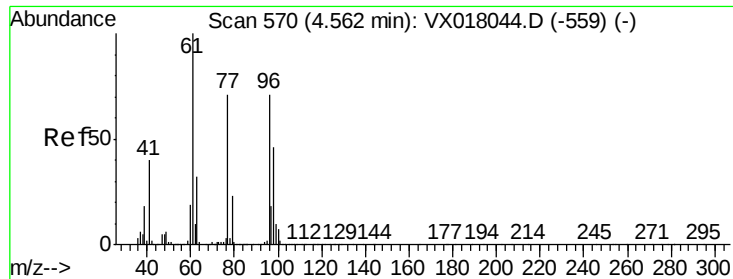
Tgt Ion: 77 Resp: 125539

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.5





#27

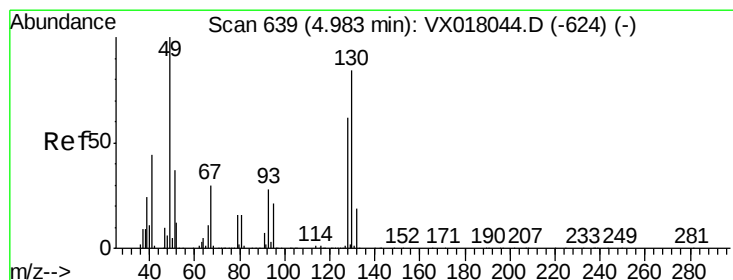
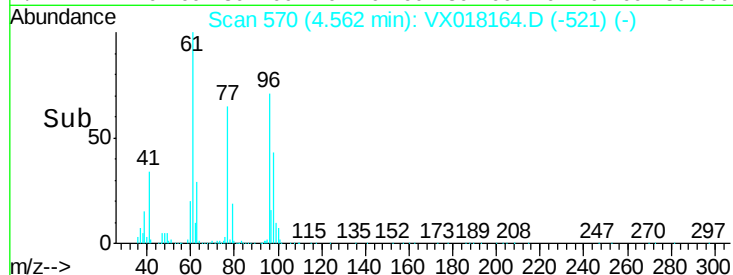
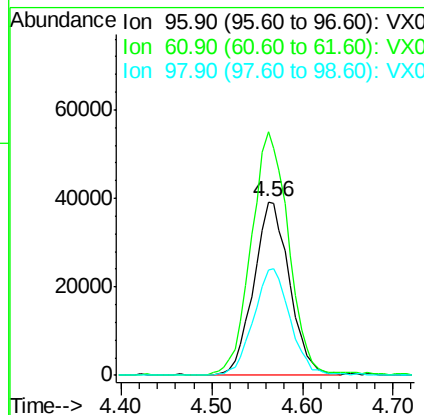
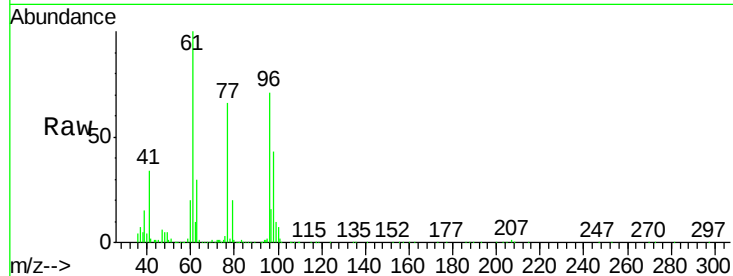
cis-1,2-Dichloroethene
Concen: 18.874 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	106280		
61	146.2	0.0	296.6	
98	63.6	0.0	130.2	

Manual Integrations
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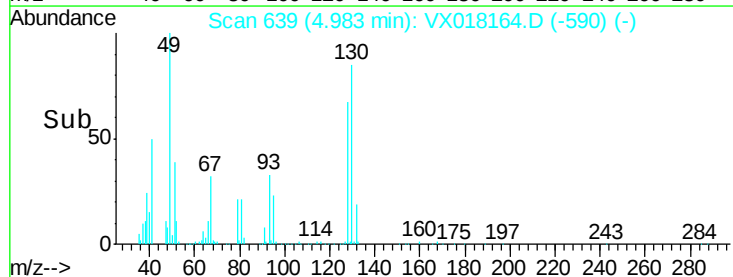
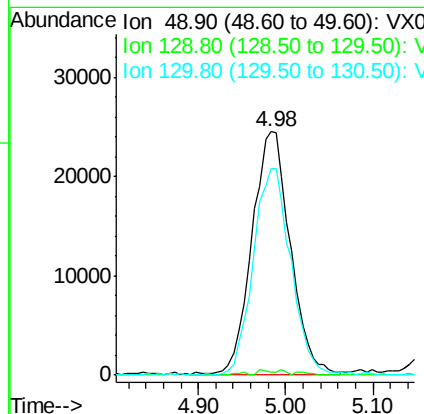
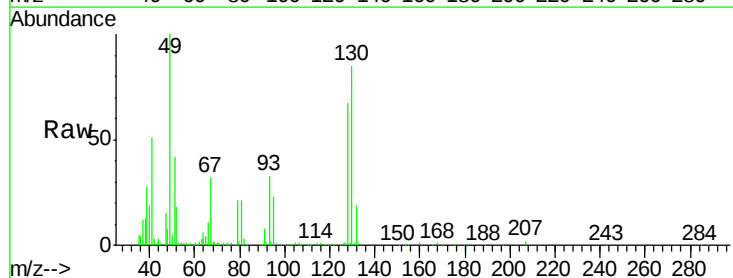
MMDadoda
9/1/2020 9:08:19 AM



#28

Bromochloromethane
Concen: 17.569 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	75510		
129	0.6	0.0	4.6	
130	82.1	64.6	96.8	





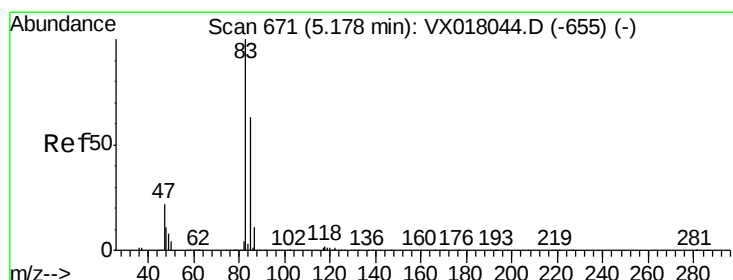
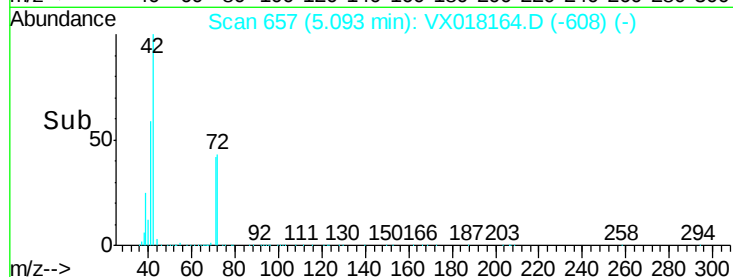
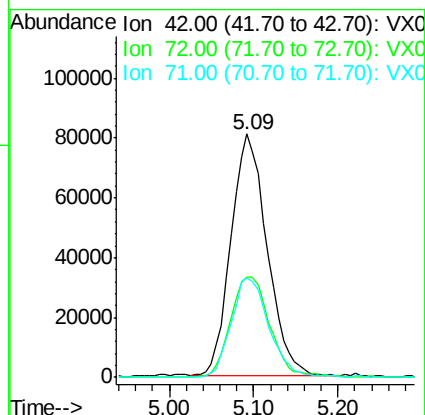
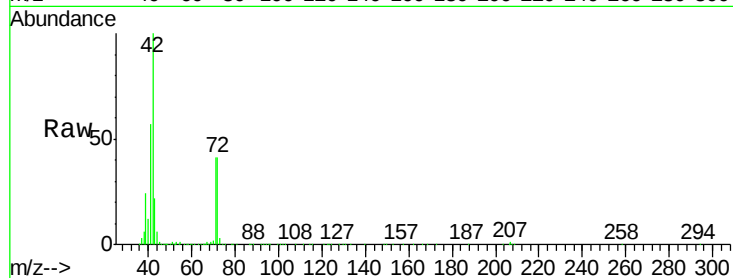
#29
Tetrahydrofuran
Concen: 91.396 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	34.2	51.4
71	43.4	32.1	48.1

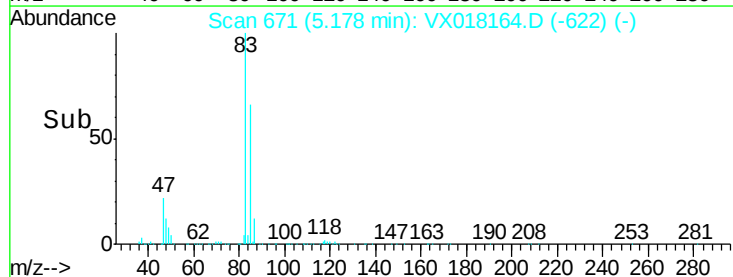
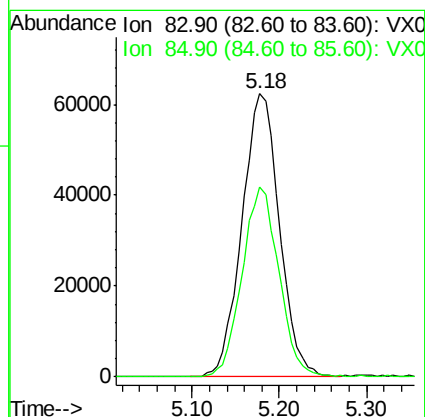
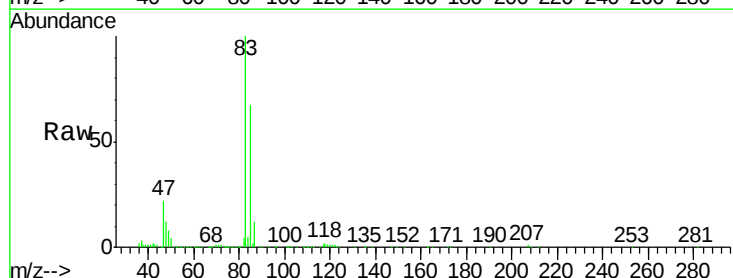
Manual Integrations
APPROVED

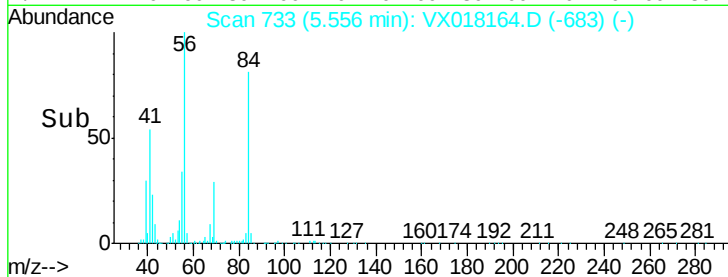
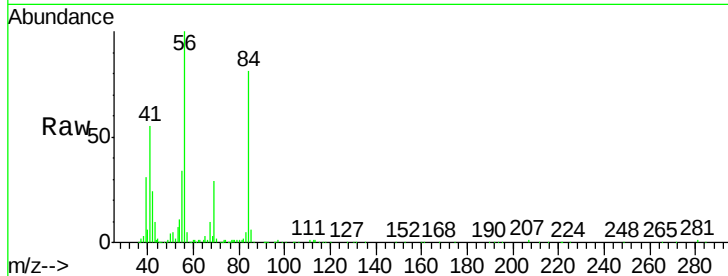
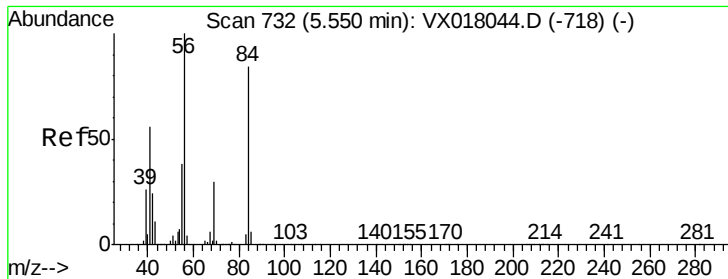
MMDadoda
9/1/2020 9:08:19 AM



#30
Chloroform
Concen: 20.170 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	50.7	76.1





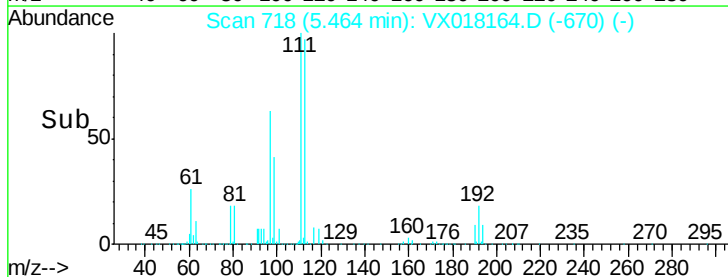
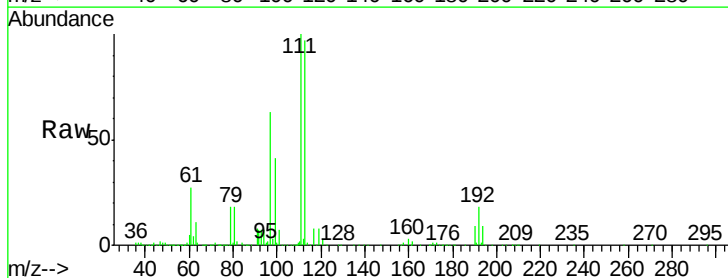
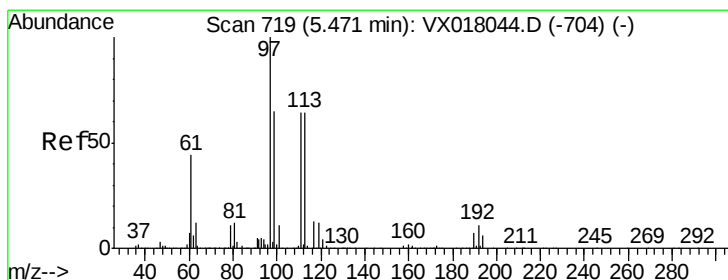
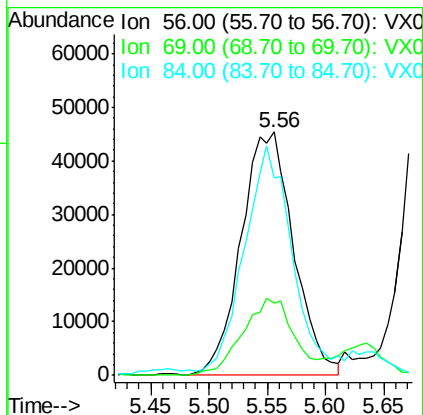
#31
Cyclohexane
Concen: 18.894 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.9	35.9
84	79.2	67.0	100.4

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

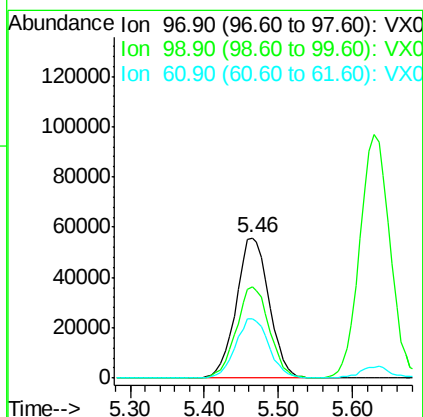
Manual Integrations
APPROVED

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#32
1,1,1-Trichloroethane
Concen: 20.494 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.0
61	42.5	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 49.298 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

ClientSampled :

VX0831WBS02

Tot Ion: 65 Resp: 308918

Ion Ratio Lower Upper

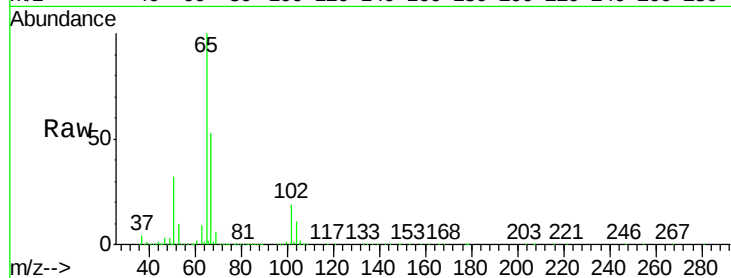
65 100

67 51.9 0.0 105.8

Manual Integrations
APPROVED

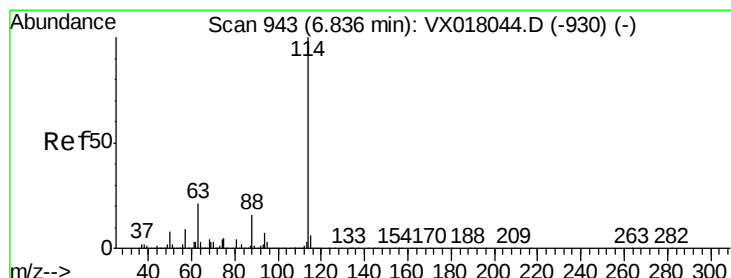
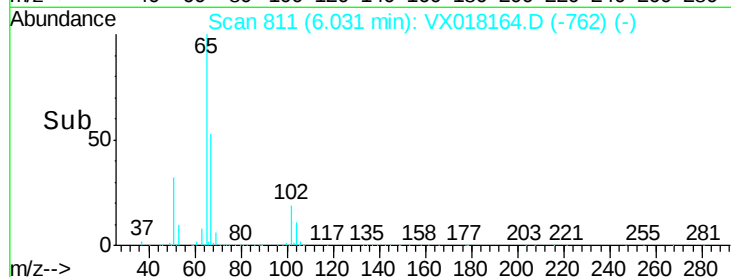
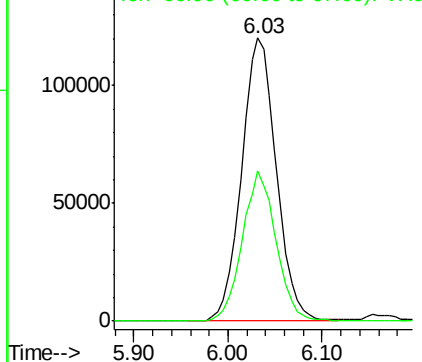
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX018164.D

Acq: 31 Aug 2020 22:44

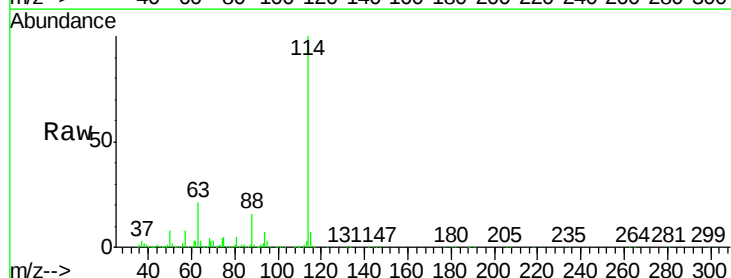
Tgt Ion: 114 Resp: 713749

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

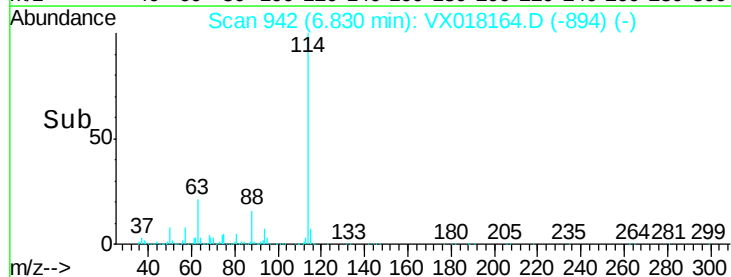
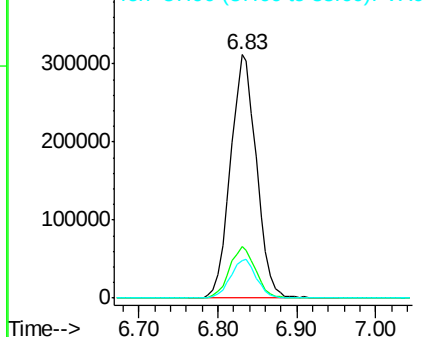
88 15.6 0.0 31.8

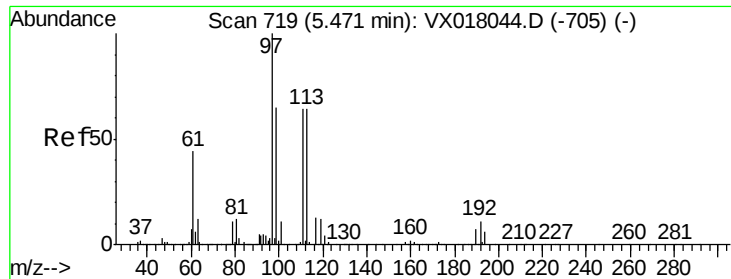


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





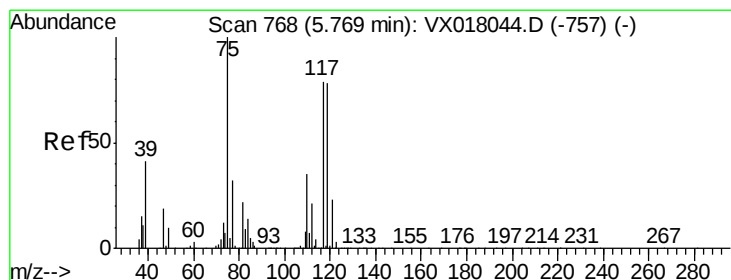
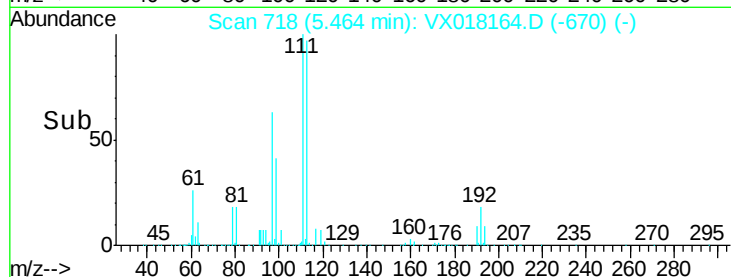
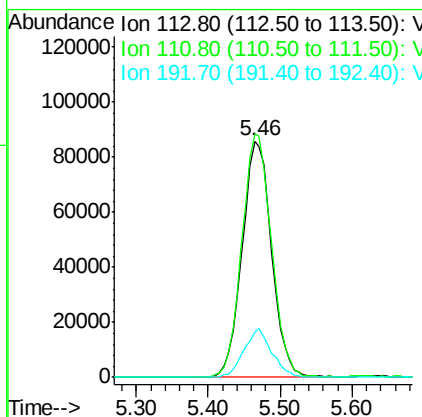
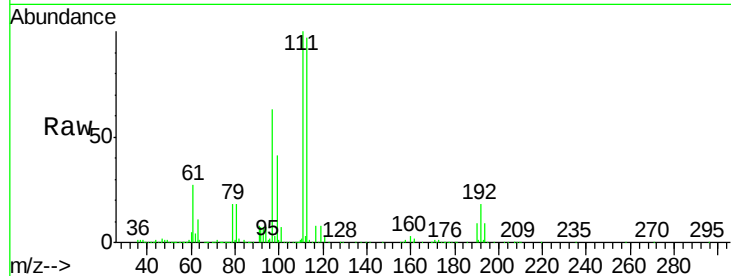
#35
Dibromofluoromethane
Concen: 50.071 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	243394		
111	103.7	81.6	122.4	
192	19.6	15.8	23.8	

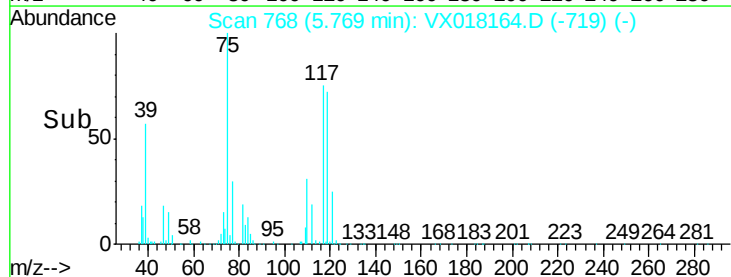
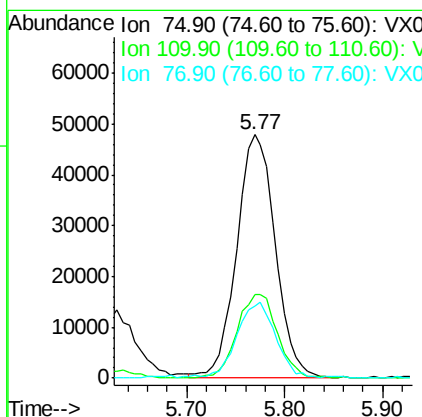
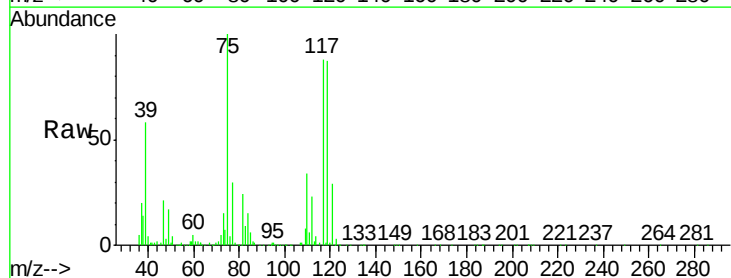
Manual Integrations
APPROVED

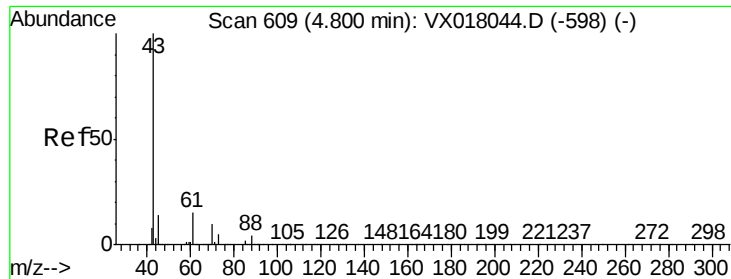
MMDadoda
9/1/2020 9:08:19 AM



#36
1,1-Dichloropropene
Concen: 19.788 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	130272		
110	36.2	18.0	54.0	
77	31.7	24.4	36.6	





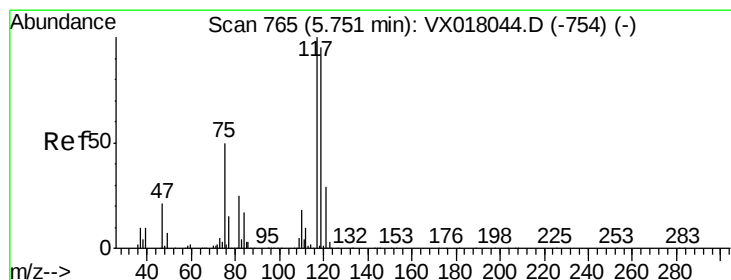
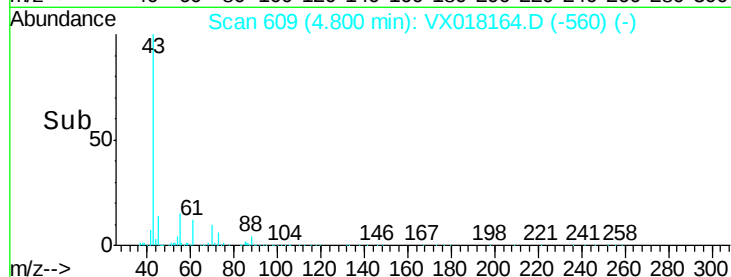
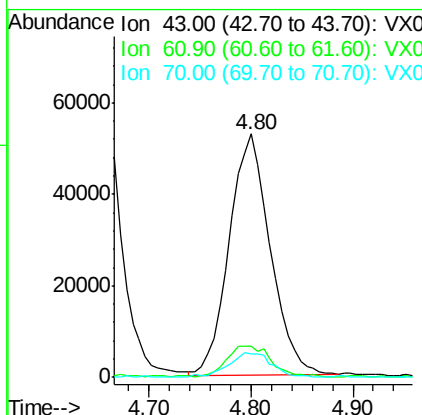
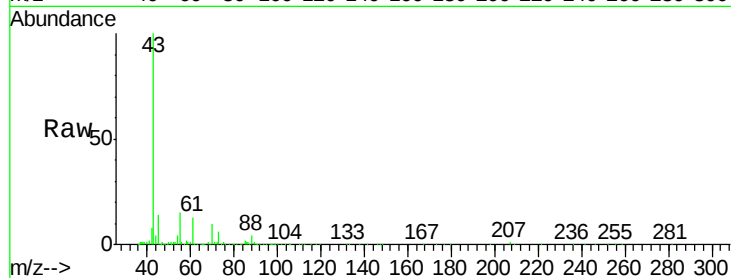
#37
Ethyl Acetate
Concen: 19.188 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	10.6	8.2	12.4

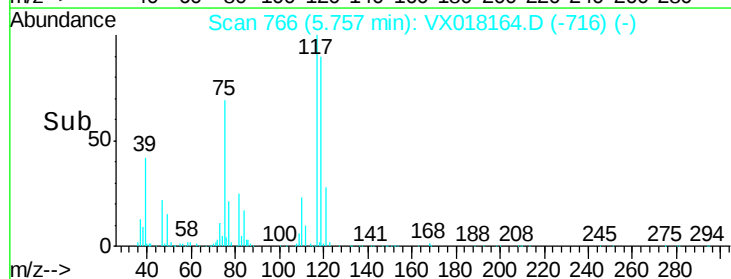
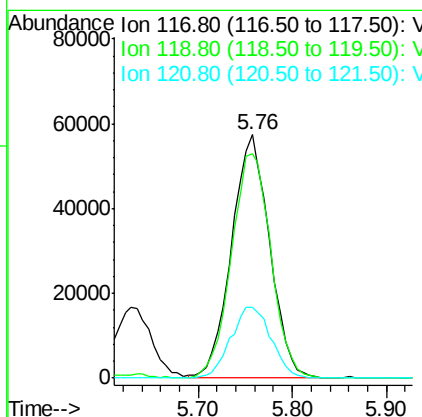
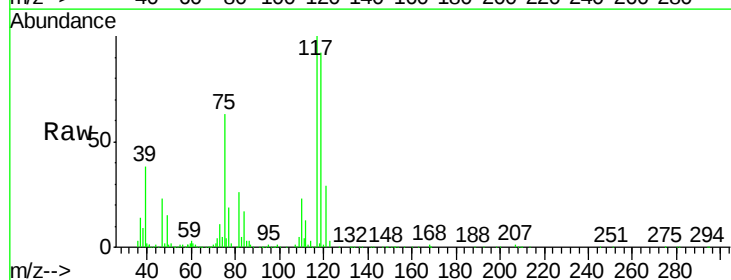
Manual Integrations
APPROVED

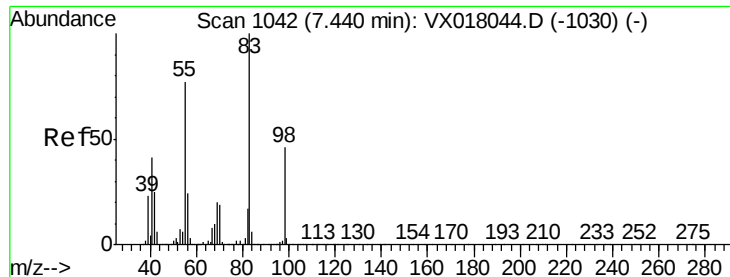
MMDadoda
9/1/2020 9:08:19 AM



#38
Carbon Tetrachloride
Concen: 21.702 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	75.8	113.6
121	29.2	23.4	35.0





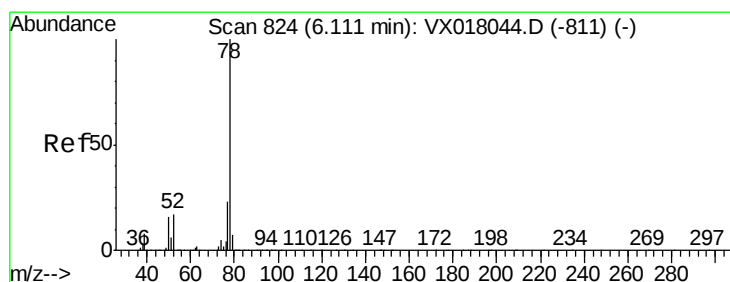
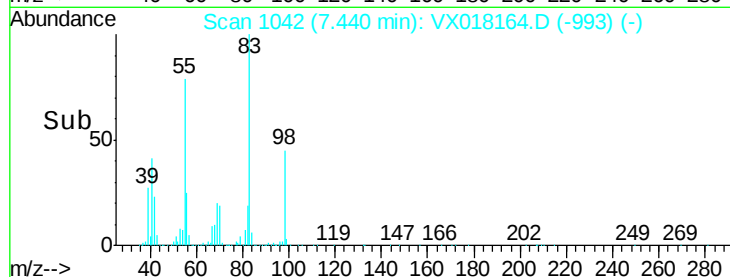
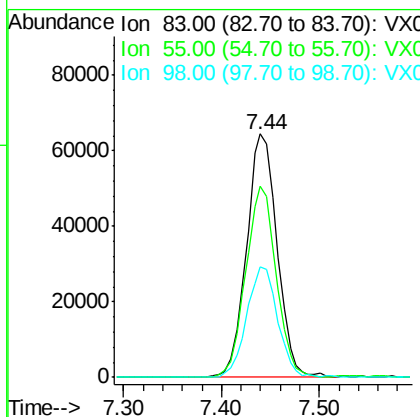
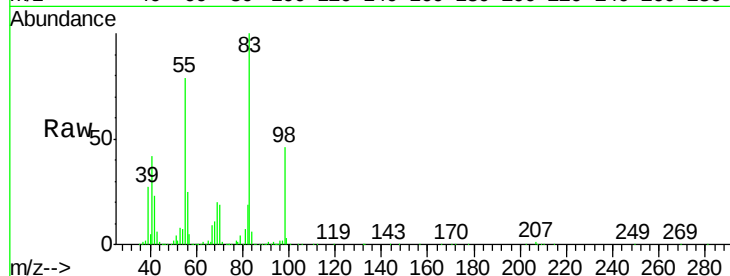
#39
Methvlcvclohexane
Concen: 19.433 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.8	92.6
98	45.3	36.6	55.0

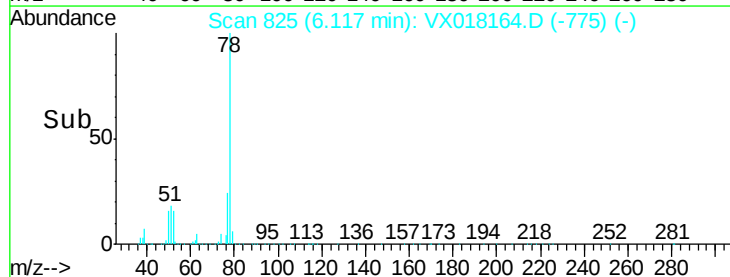
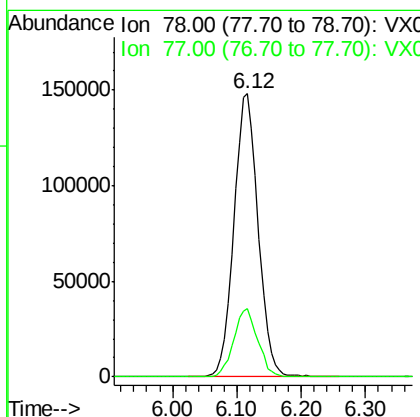
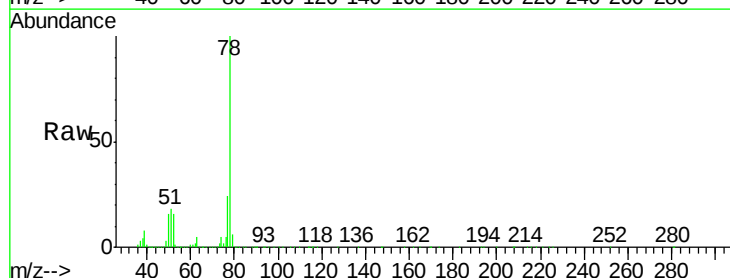
Manual Integrations
APPROVED

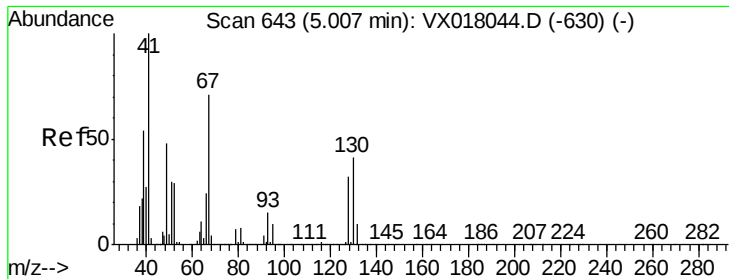
MMDadoda
9/1/2020 9:08:19 AM



#40
Benzene
Concen: 20.050 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.2	27.2





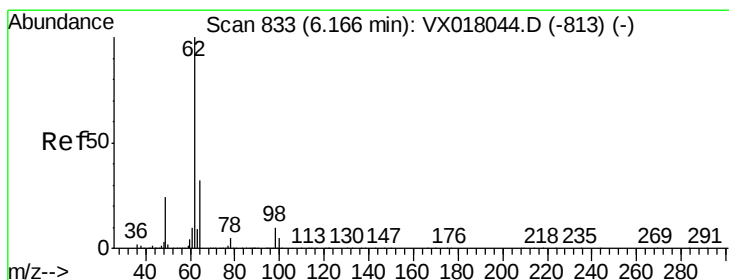
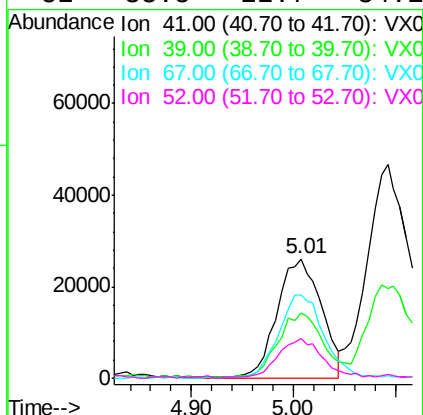
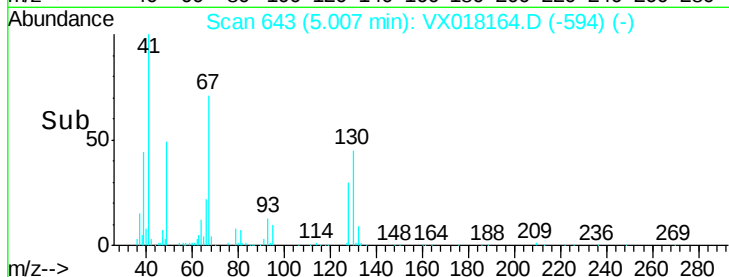
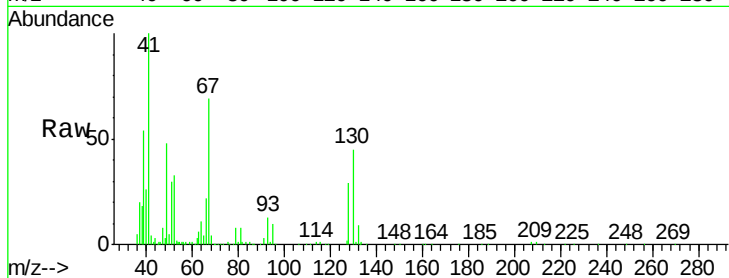
#41
Methacrylonitrile
Concen: 18.881 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	43.1	64.7	
67	71.4	56.0	84.0	
52	33.5	22.7	34.1	

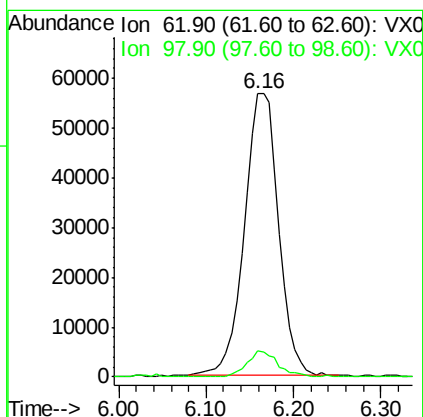
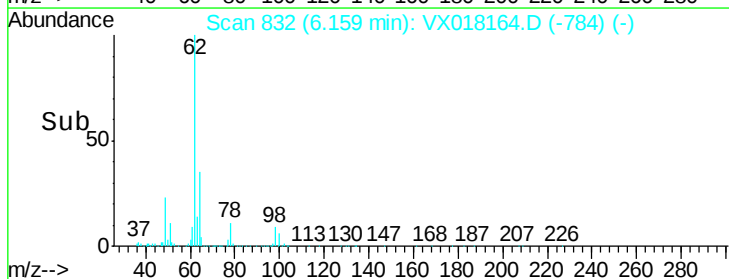
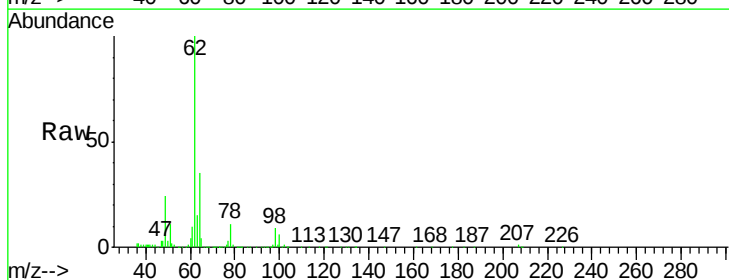
Manual Integrations
APPROVED

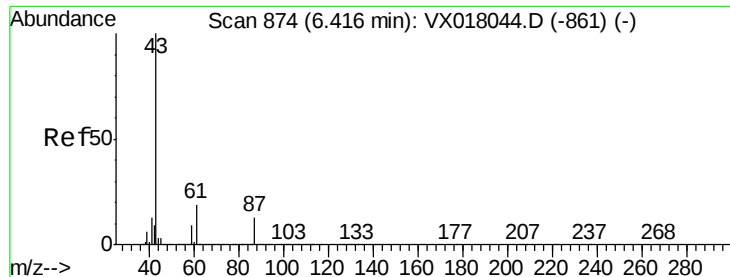
MMDadoda
9/1/2020 9:08:19 AM



#42
1,2-Dichloroethane
Concen: 20.756 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	18.2	





#43

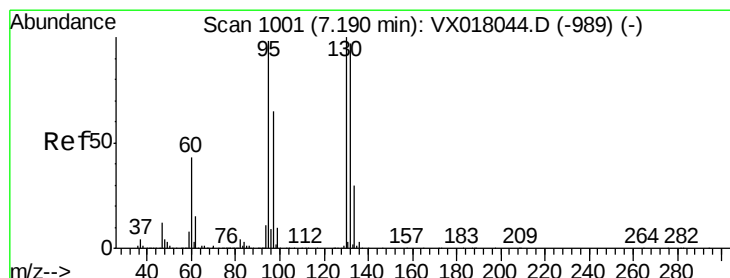
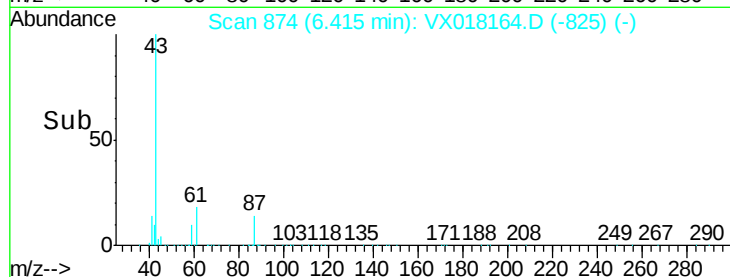
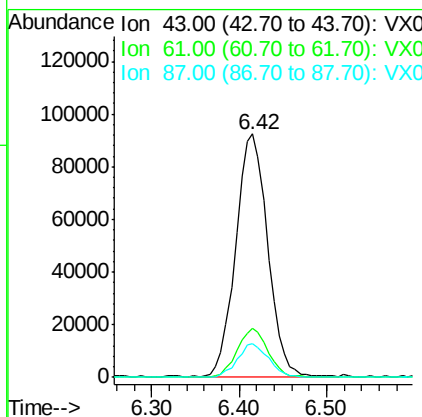
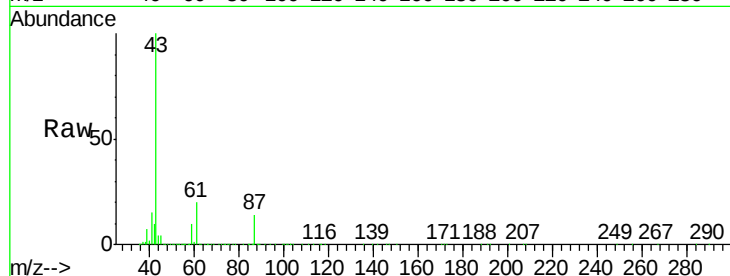
Isopropyl Acetate
 Concen: 18.805 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018164.D
 Acq: 31 Aug 2020 22:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.7	23.5
87	13.8	10.3	15.5

Manual Integrations
 APPROVED

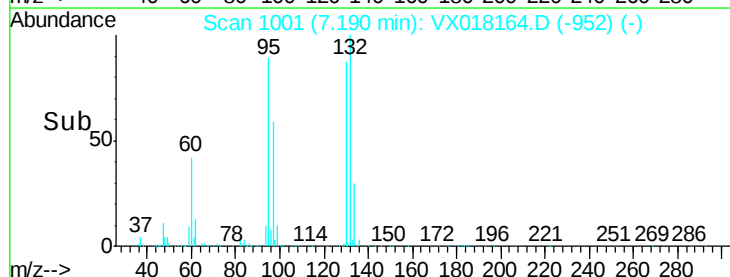
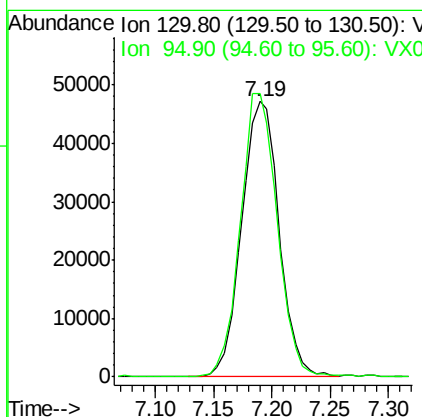
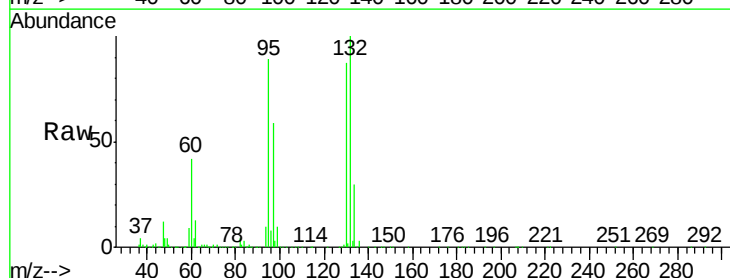
MMDadoda
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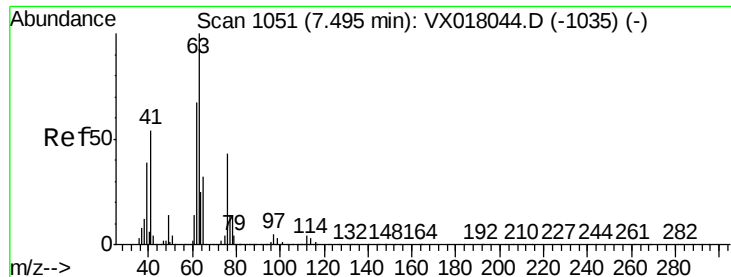


#44

Trichloroethene
 Concen: 19.335 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018164.D
 Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	196.4





#45

1,2-Dichloropropane

Concen: 19.603 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

ClientSampled :

VX0831WBS02

Tot Ion: 63 Resp: 102204

Ion Ratio Lower Upper

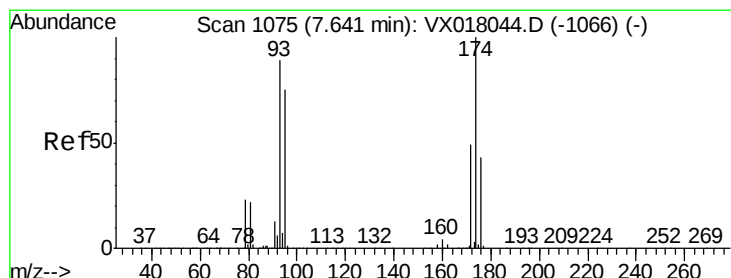
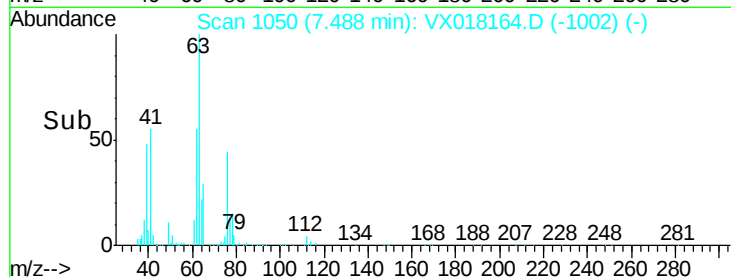
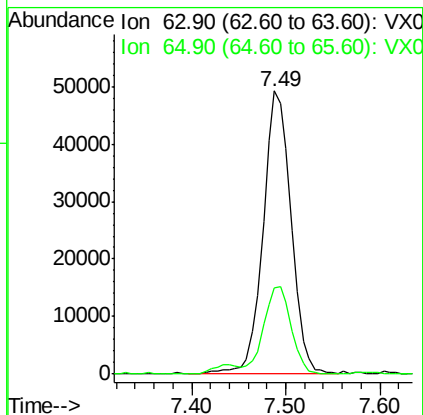
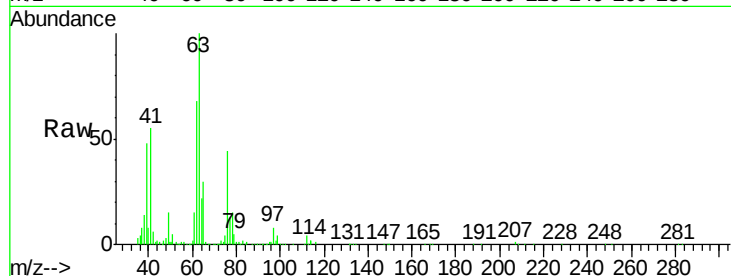
63 100

65 30.2 25.7 38.5

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#46

Dibromomethane

Concen: 20.056 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

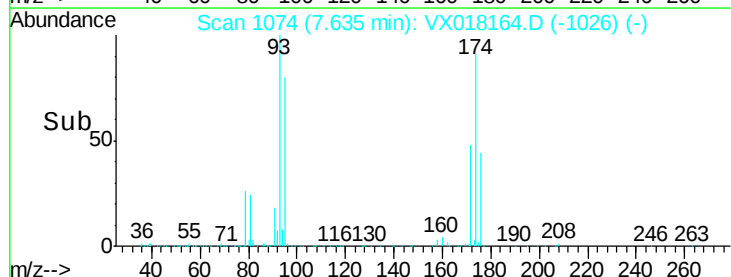
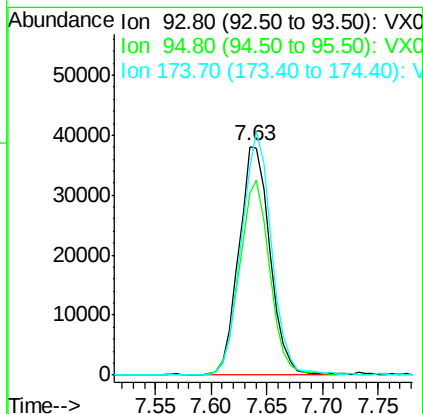
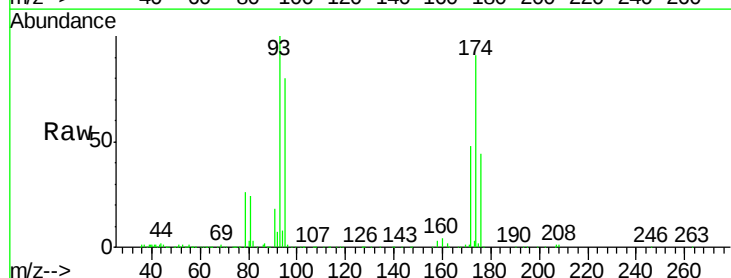
Tgt Ion: 93 Resp: 73532

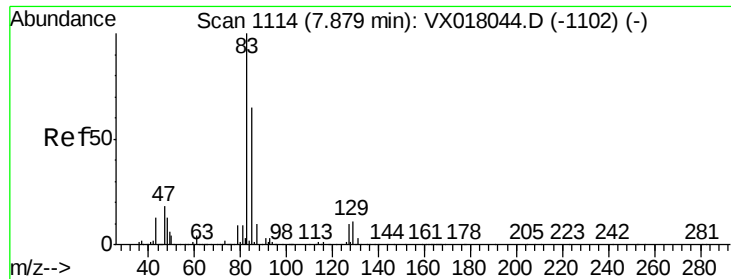
Ion Ratio Lower Upper

93 100

95 83.2 67.3 100.9

174 104.1 82.2 123.2





#47

Bromodichloromethane

Concen: 20.319 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

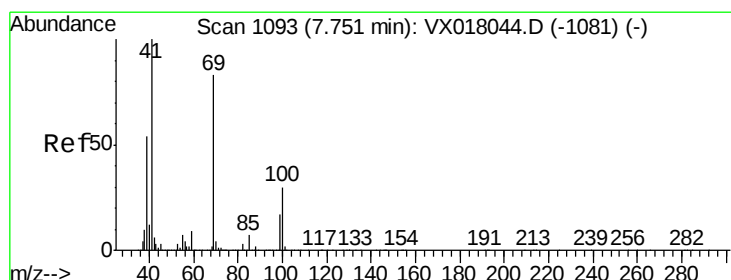
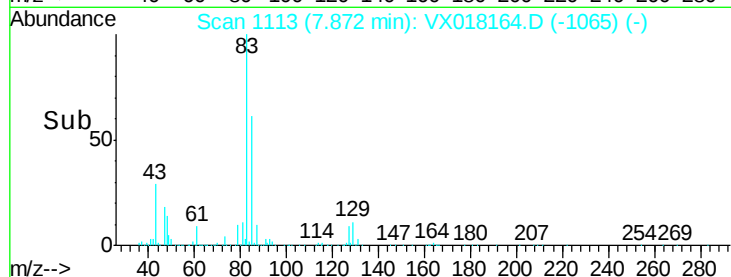
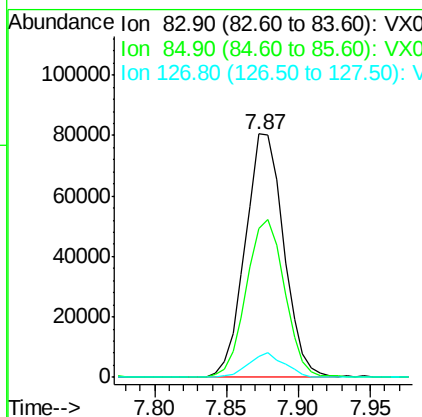
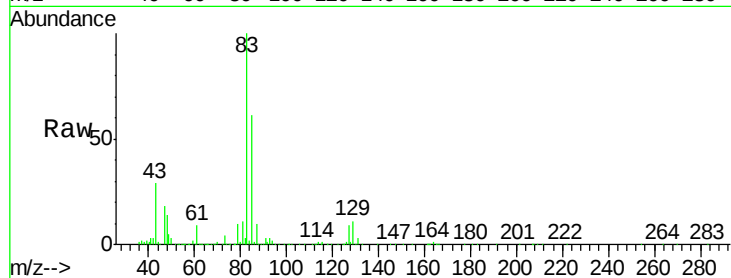
ClientSampled :

VX0831WBS02

Tot Ion:	83	Resp:	148746
Ion Ratio	Lower	Upper	
83	100		
85	60.7	51.8	77.6
127	8.8	7.7	11.5

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#48

Methyl methacrylate

Concen: 18.723 ug/l

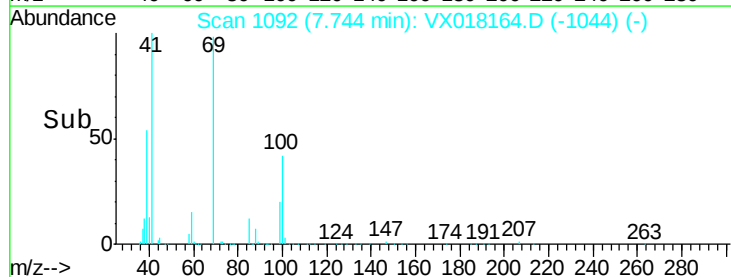
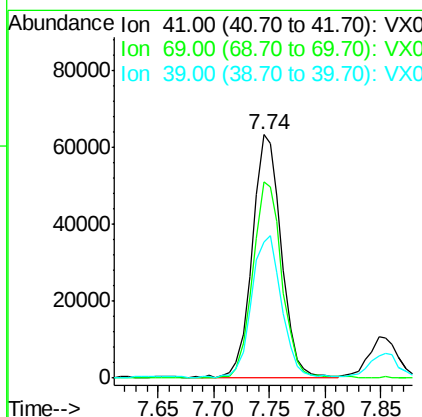
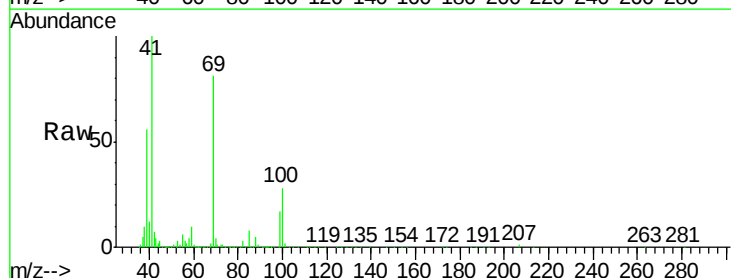
RT: 7.74 min Scan# 1092

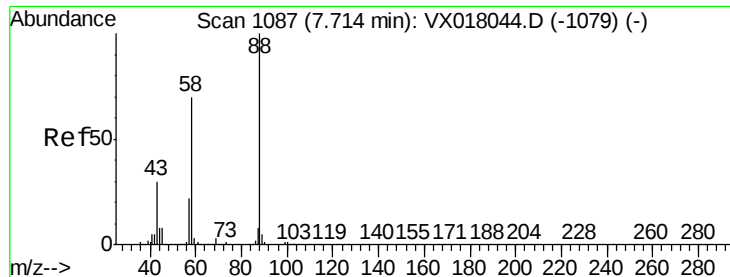
Delta R.T. -0.01 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Tgt Ion:	41	Resp:	115104
Ion Ratio	Lower	Upper	
41	100		
69	80.7	65.5	98.3
39	60.4	44.5	66.7





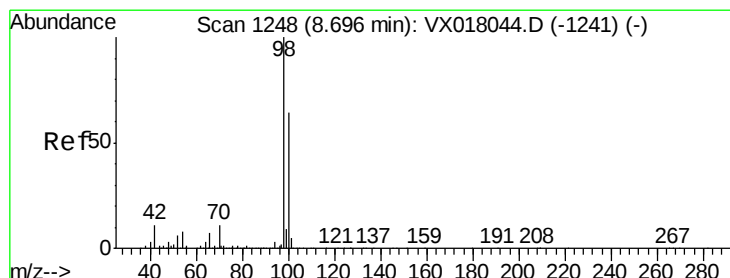
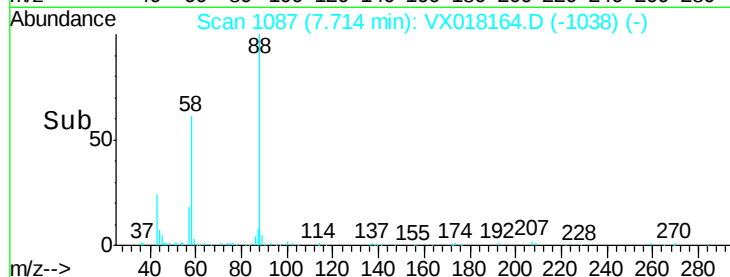
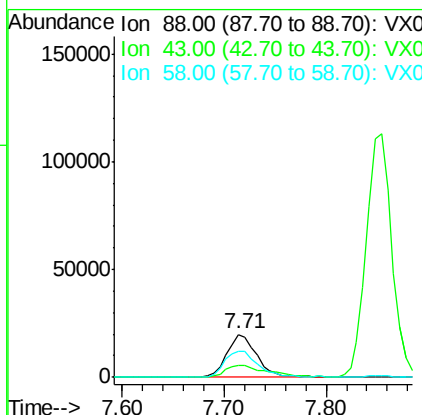
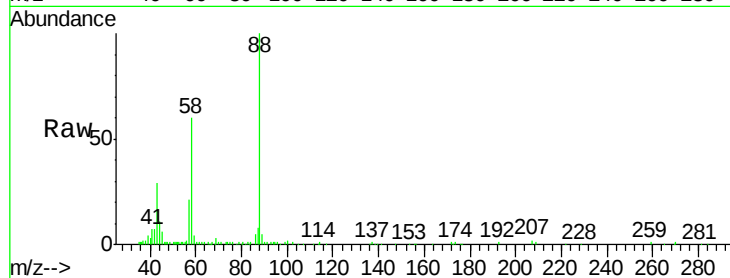
#49
1,4-Dioxane
Concen: 361.900 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	27.4	41.0
58	67.9	56.4	84.6

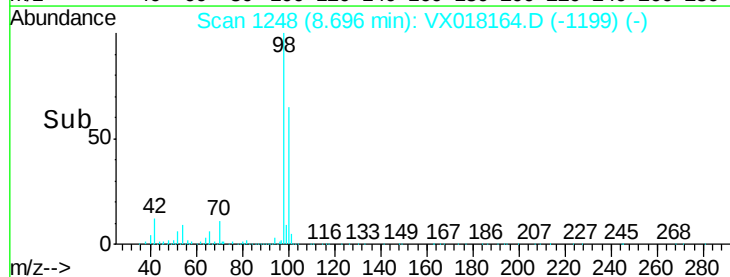
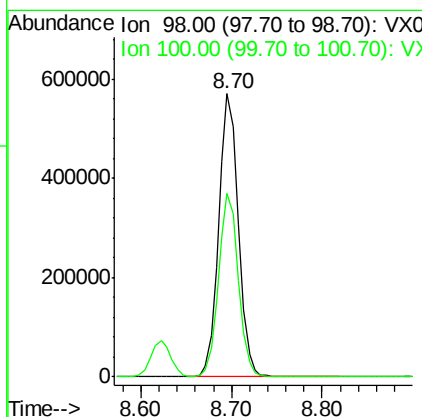
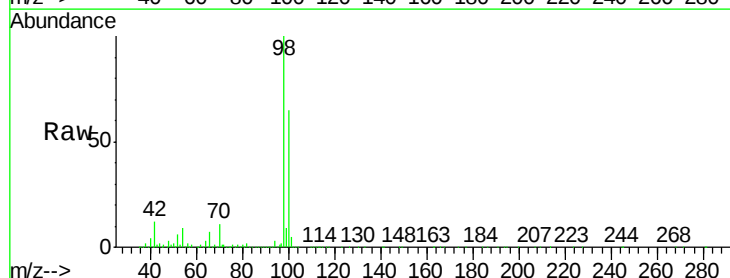
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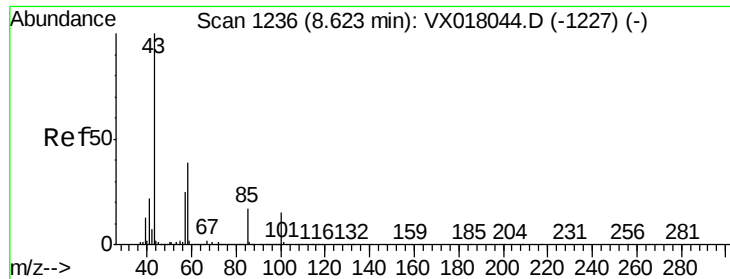
MMDadoda
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#50
Toluene-d8
Concen: 47.664 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 97.028 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS02

Tot Ion: 43 Resp: 740185

Ion Ratio Lower Upper

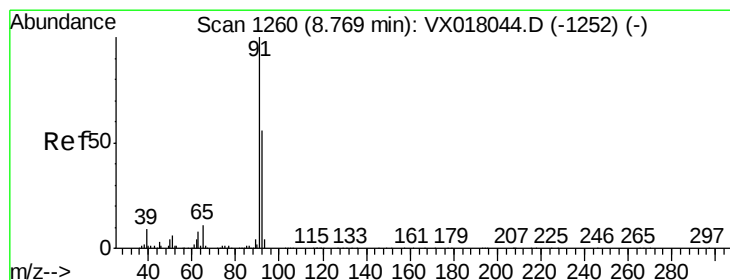
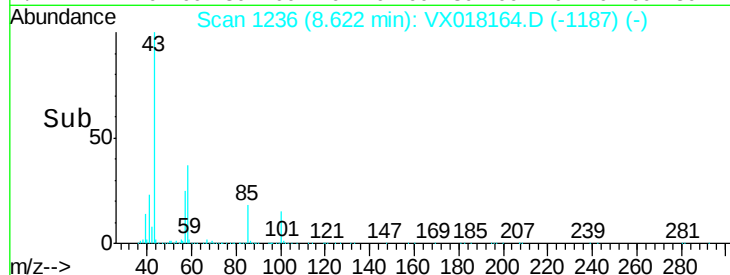
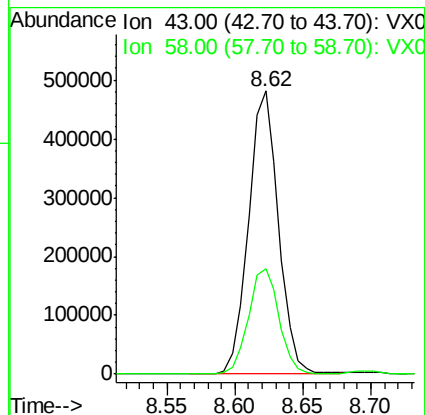
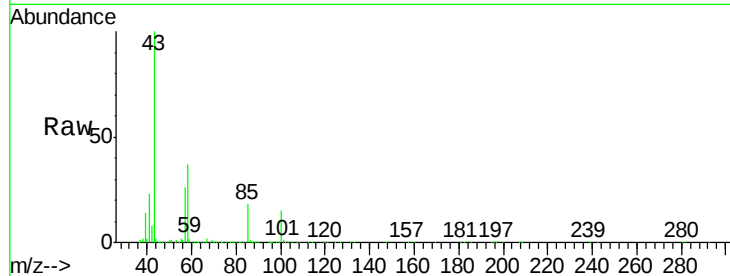
43 100

58 38.2 30.7 46.1

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#52

Toluene

Concen: 20.072 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018164.D

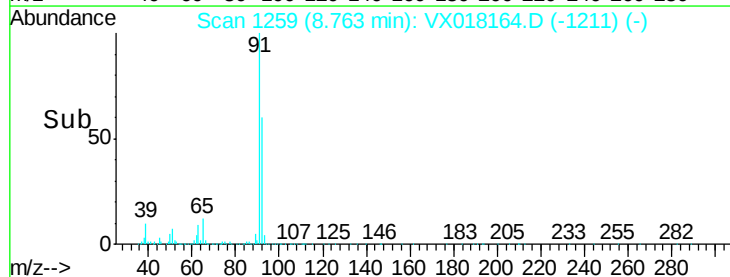
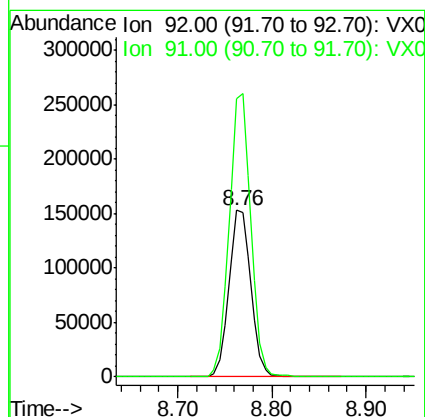
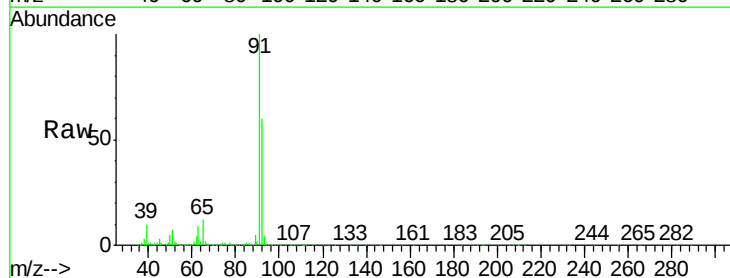
Acq: 31 Aug 2020 22:44

Tgt Ion: 92 Resp: 246201

Ion Ratio Lower Upper

92 100

91 167.5 140.3 210.5





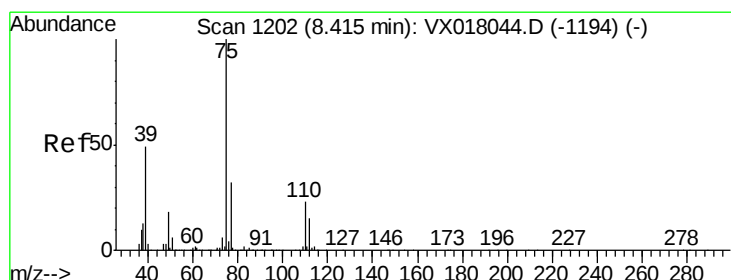
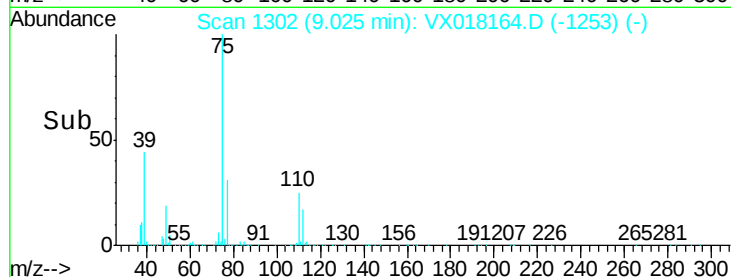
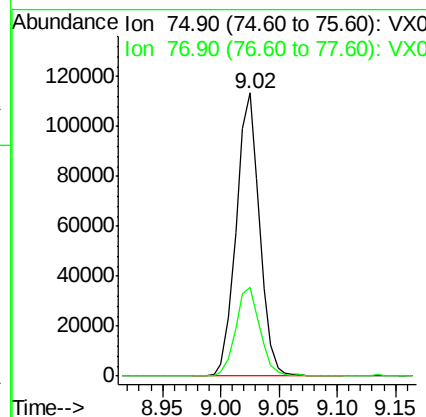
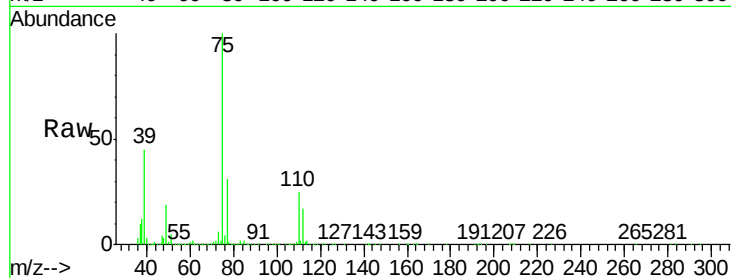
#53
t-1,3-Dichloropropene
Concen: 19.572 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.6	39.8

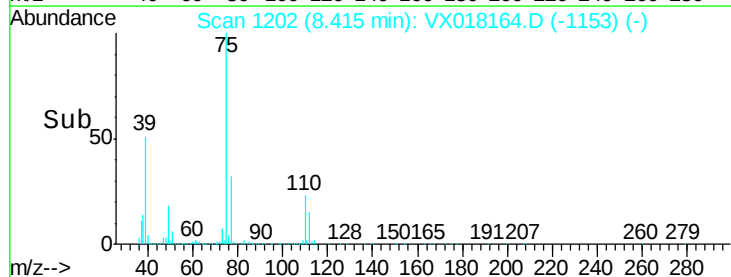
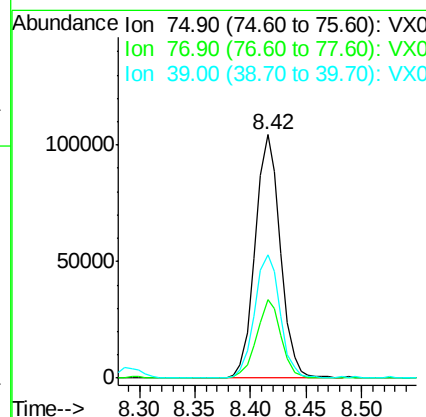
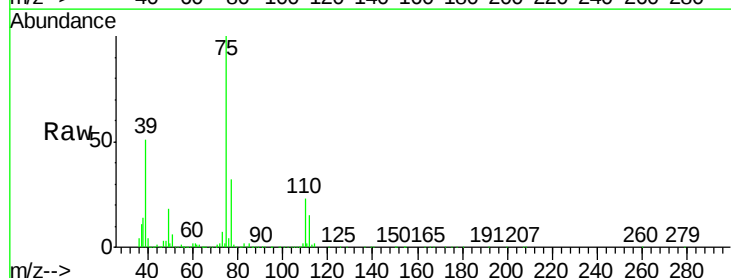
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#54
cis-1,3-Dichloropropene
Concen: 19.237 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.8
39	50.4	38.8	58.2





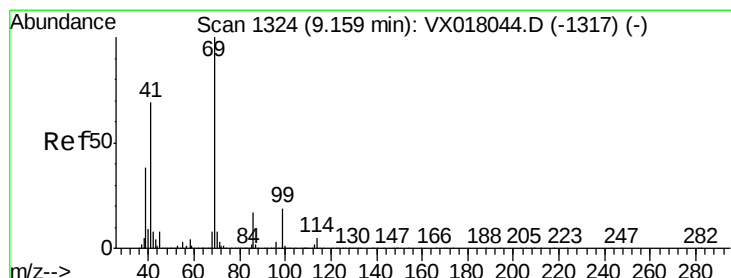
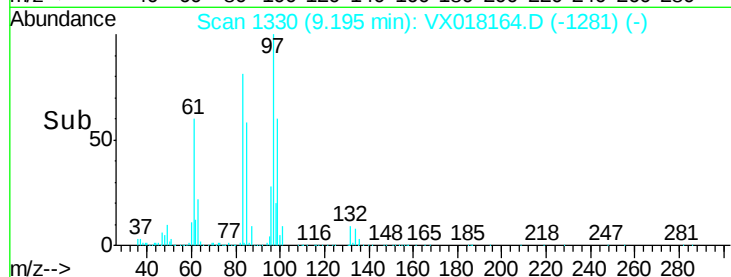
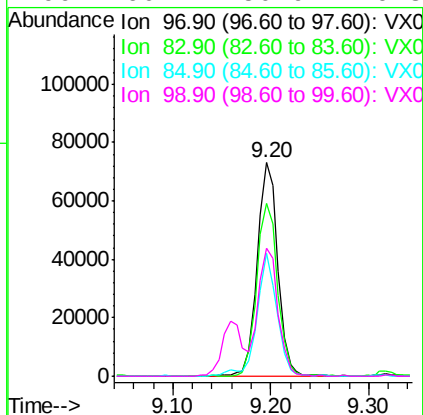
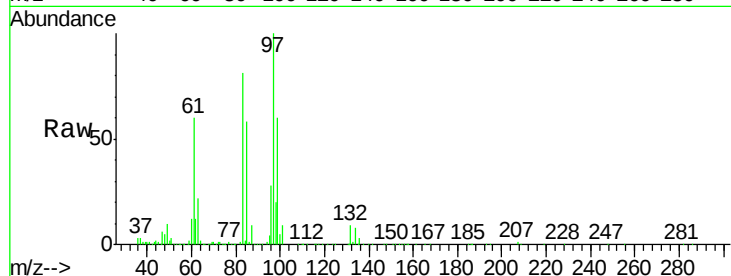
#55
 1,1,2-Trichloroethane
 Concen: 20.458 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018164.D
 Acq: 31 Aug 2020 22:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		107024		
83	80.9	67.8	101.6		
85	57.5	45.3	67.9		
99	60.2	50.9	76.3		

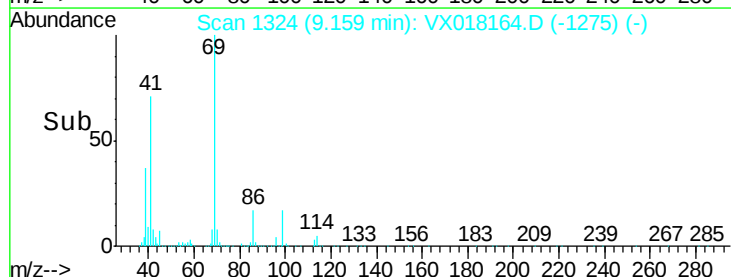
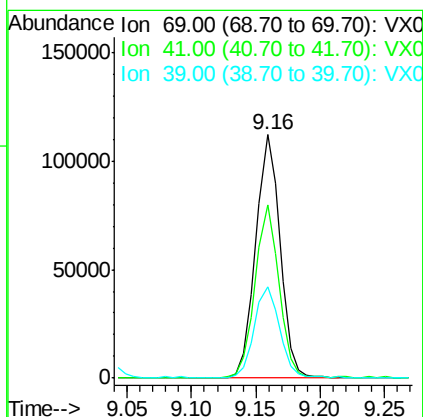
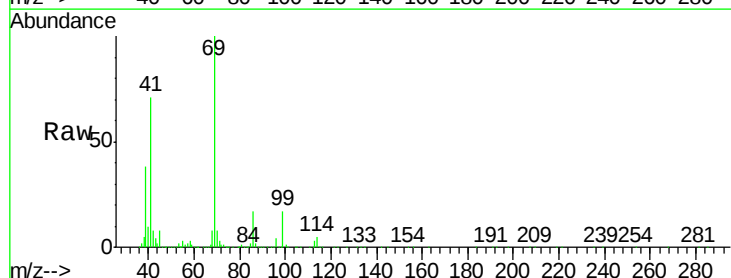
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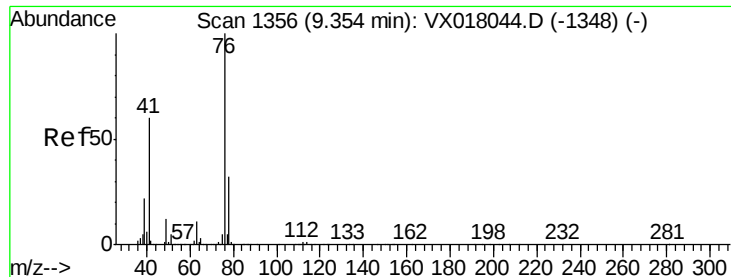
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#56
 Ethyl methacrylate
 Concen: 18.799 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018164.D
 Acq: 31 Aug 2020 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		146201		
41	69.7	54.6	81.8		
39	38.5	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 19.817 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

ClientSampled :

VX0831WBS02

Tot Ion: 76 Resp: 170986

Ion Ratio Lower Upper

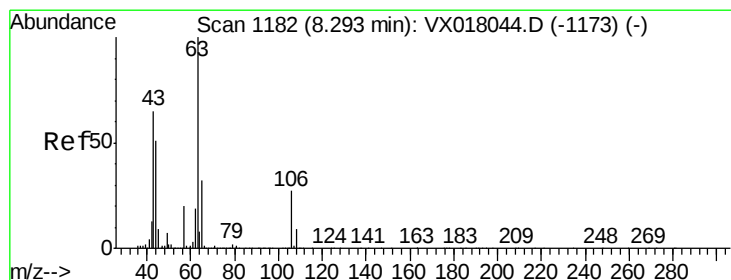
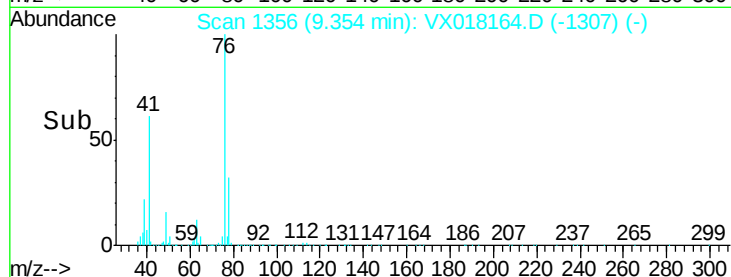
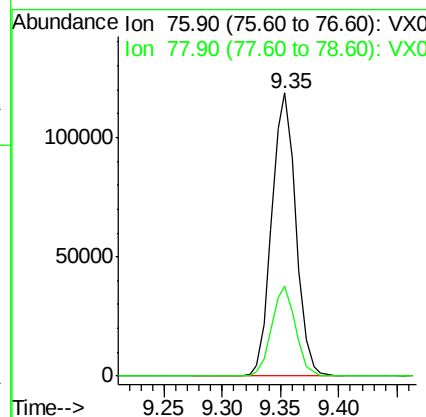
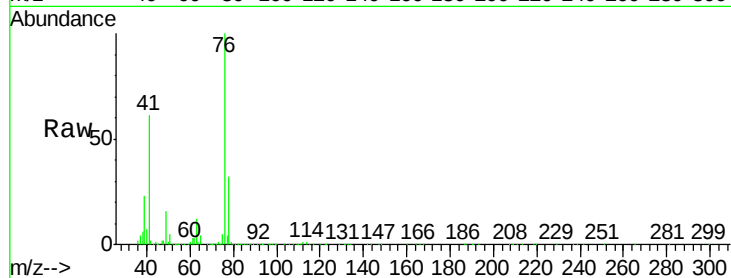
76 100

78 31.7 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 82.550 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018164.D

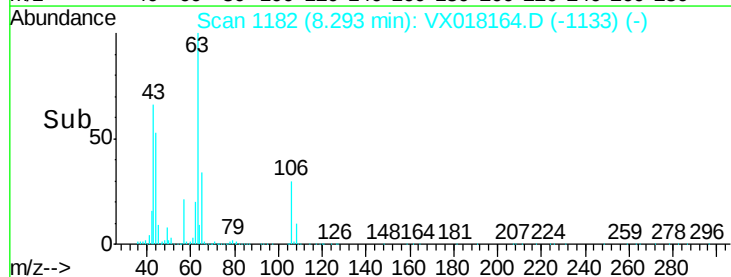
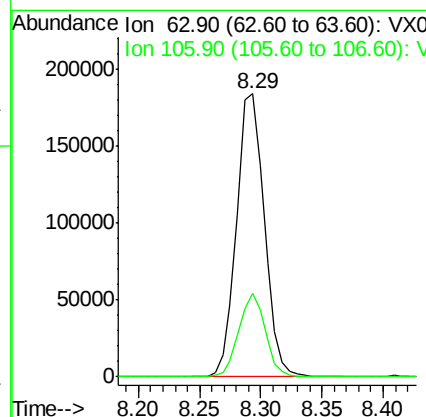
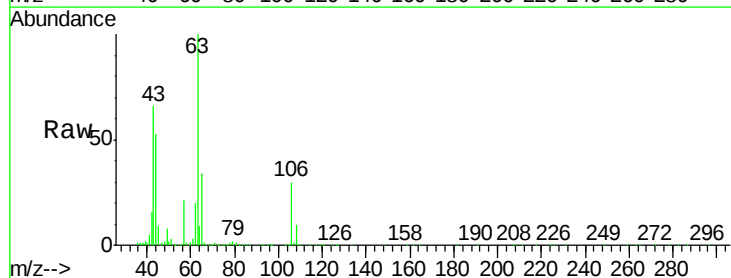
Acq: 31 Aug 2020 22:44

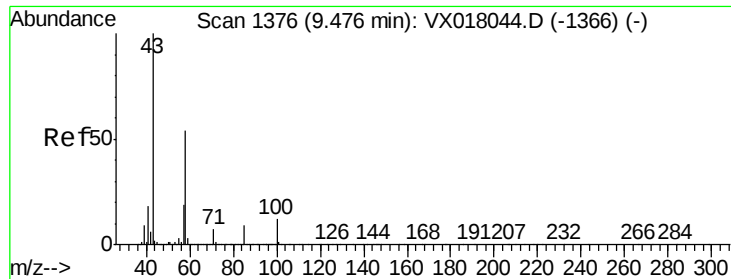
Tgt Ion: 63 Resp: 288798

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1





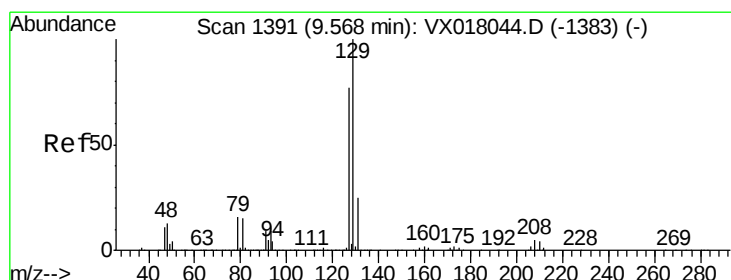
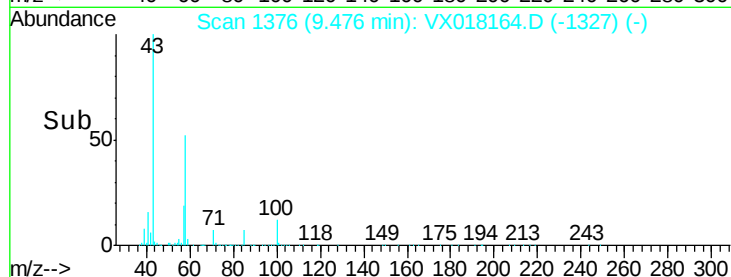
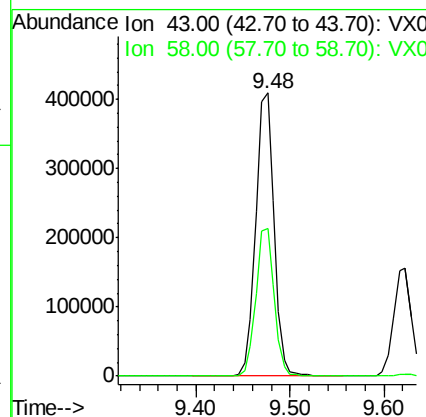
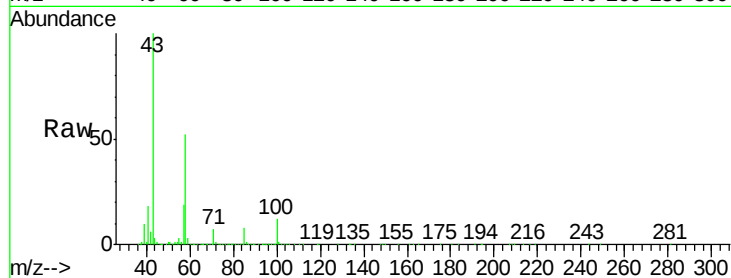
#59
2-Hexanone
Concen: 96.696 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion: 43 Resp: 560899
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.7

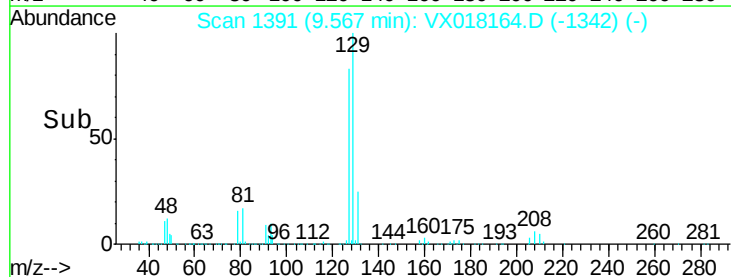
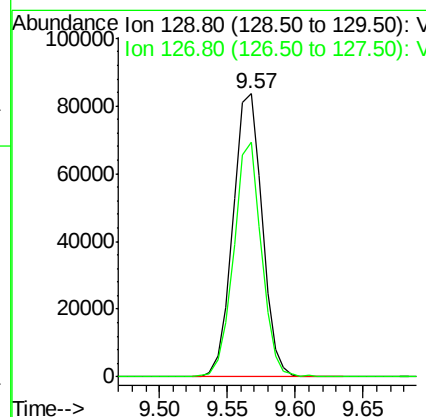
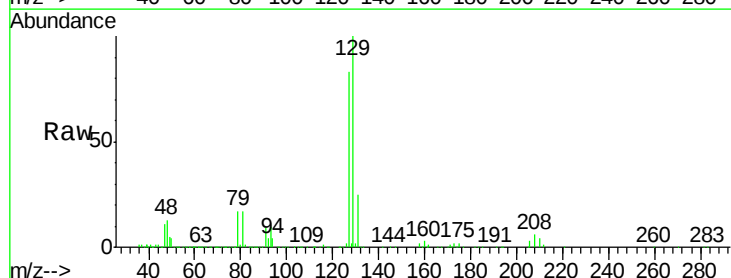
Manual Integrations
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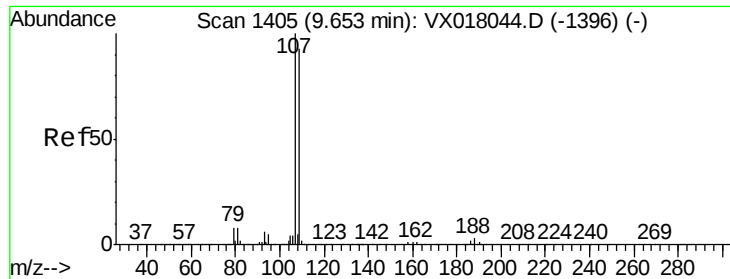
MMDadoda
9/1/2020 9:08:19 AM



#60
Dibromochloromethane
Concen: 20.396 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion: 129 Resp: 125171
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.102 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS02

Tot Ion: 107 Resp: 114168

Ion Ratio Lower Upper

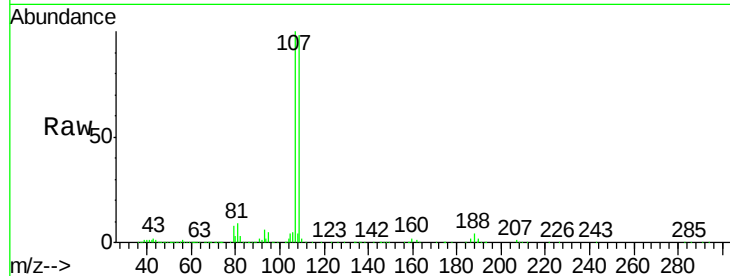
107 100

109 93.1 75.9 113.9

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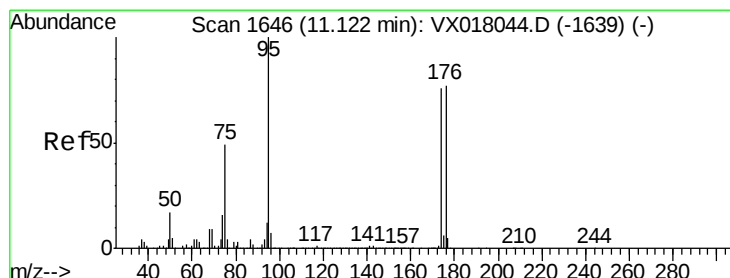
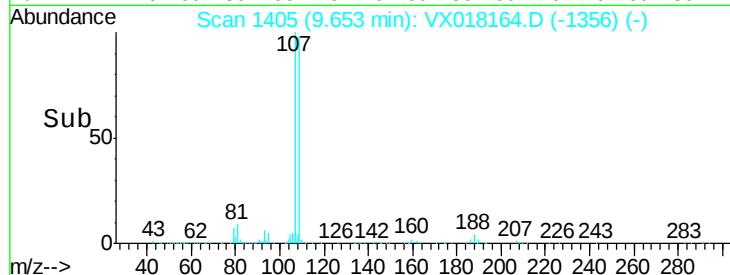
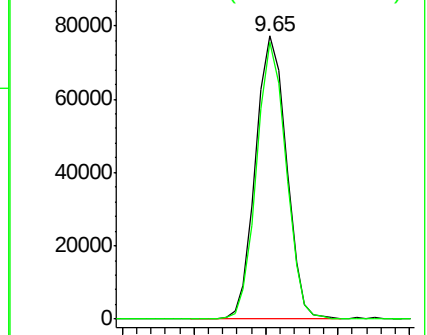
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.375 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

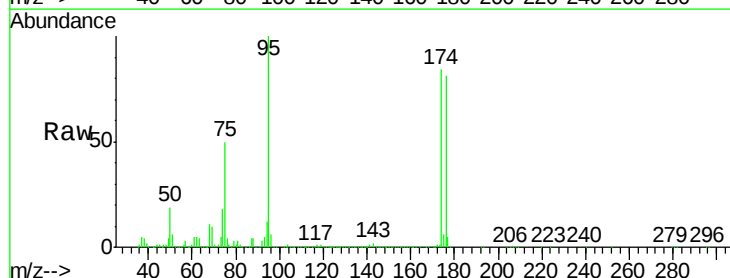
Tgt Ion: 95 Resp: 337466

Ion Ratio Lower Upper

95 100

174 80.9 0.0 160.2

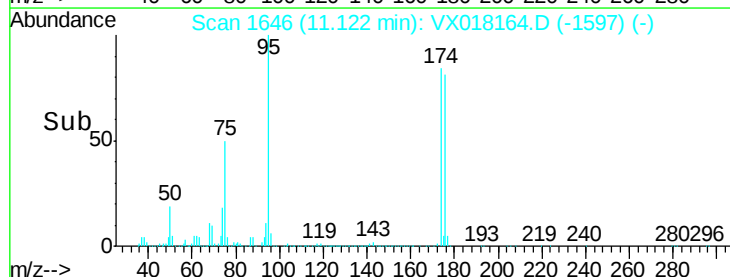
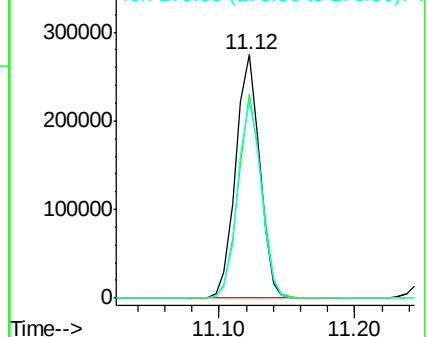
176 80.1 0.0 155.8

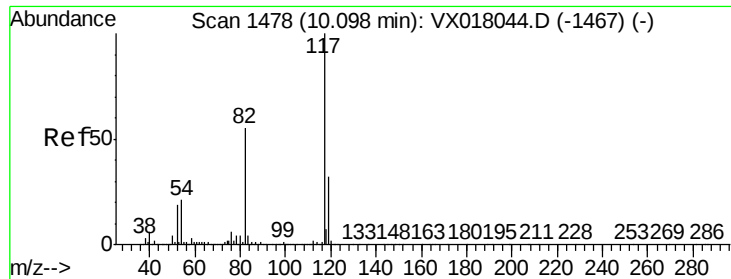


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





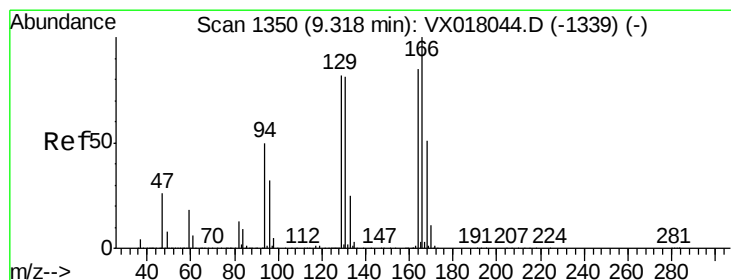
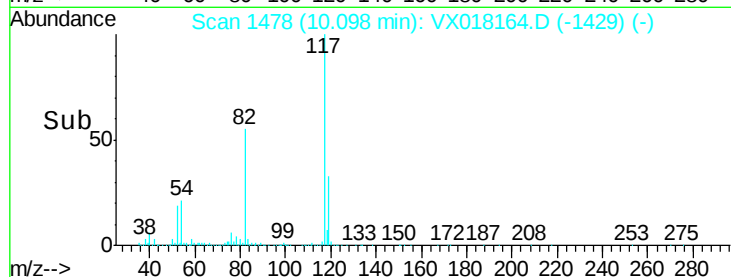
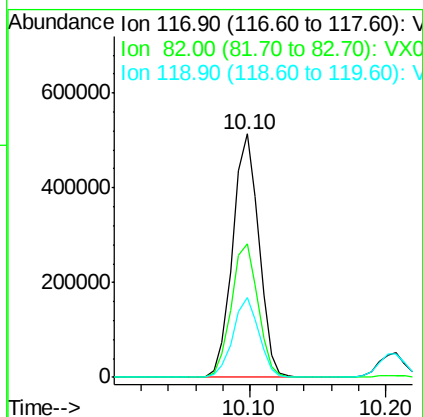
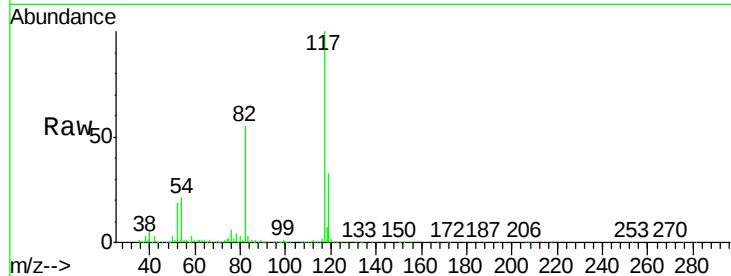
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	688994		
82	54.9		44.2	66.2
119	32.7		25.7	38.5

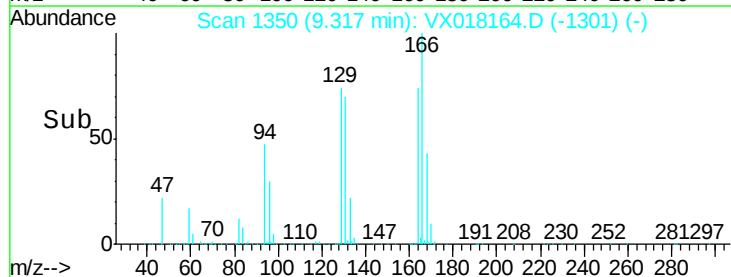
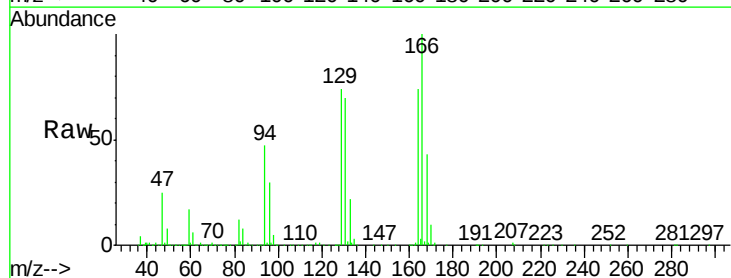
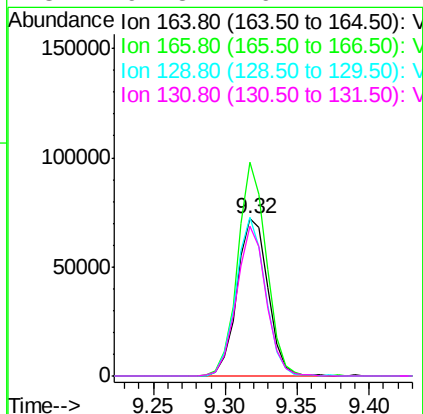
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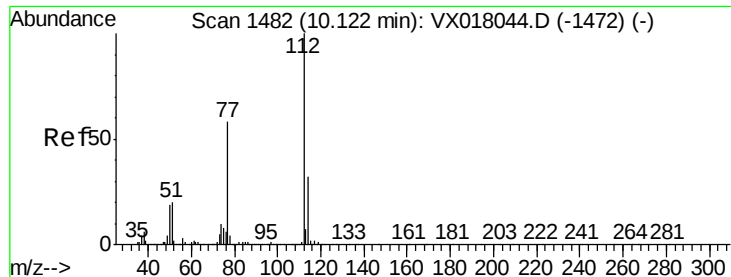
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#64
Tetrachloroethene
Concen: 21.202 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107348		
166	135.7		94.2	141.2
129	100.9		76.9	115.3
131	94.8		76.1	114.1





#65

Chlorobenzene

Concen: 20.157 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS02

Tot Ion:112 Resp: 277380

Ion Ratio Lower Upper

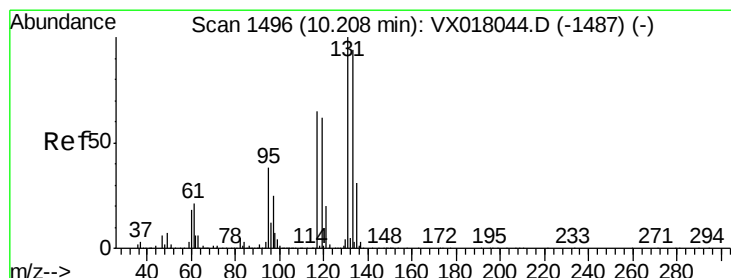
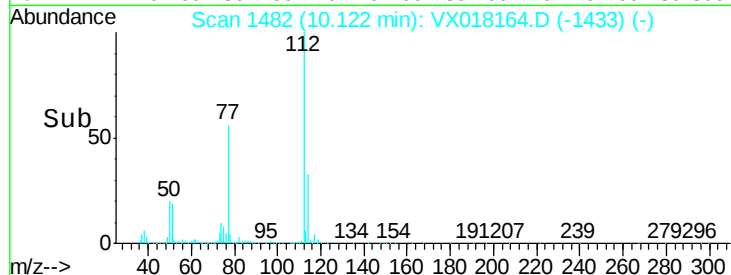
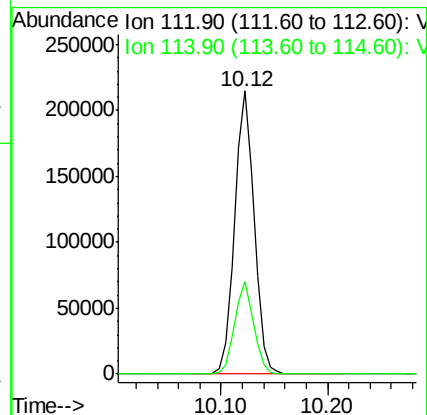
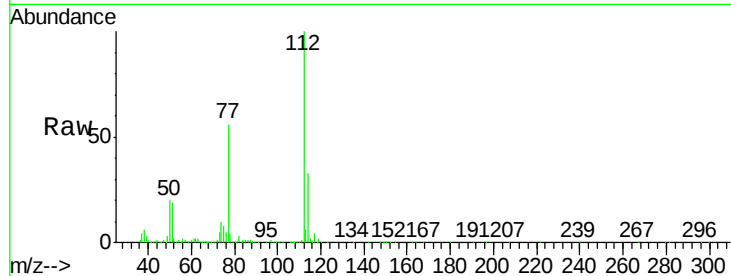
112 100

114 32.7 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.585 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

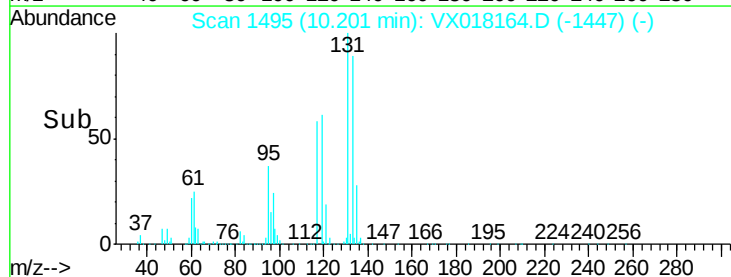
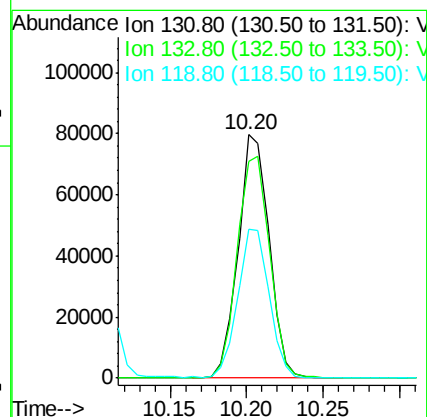
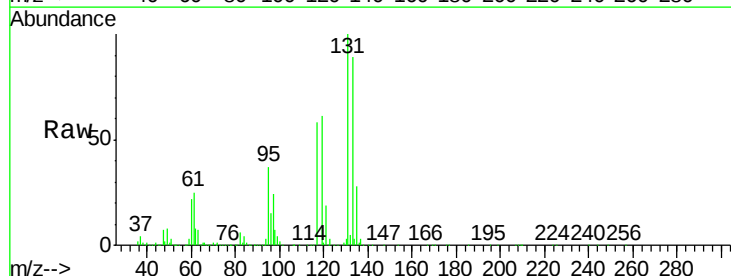
Tgt Ion:131 Resp: 111644

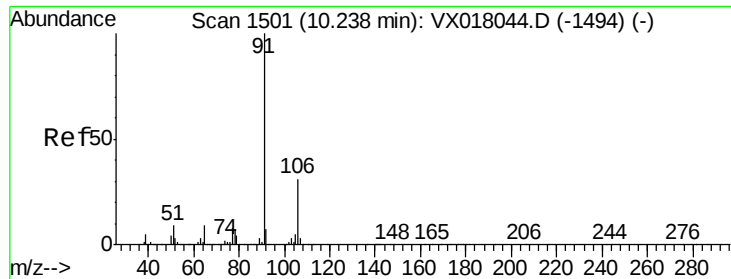
Ion Ratio Lower Upper

131 100

133 96.3 46.7 140.1

119 62.2 31.8 95.4





#67

Ethyl Benzene

Concen: 20.097 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS02

Tot Ion: 91 Resp: 470287

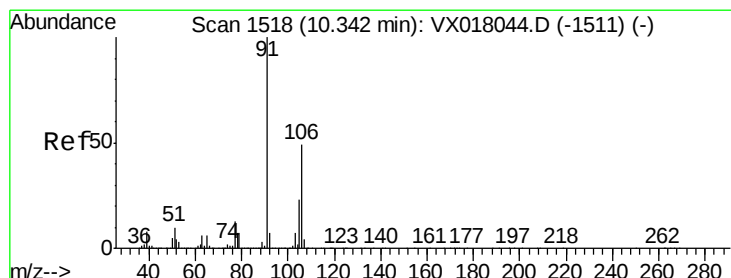
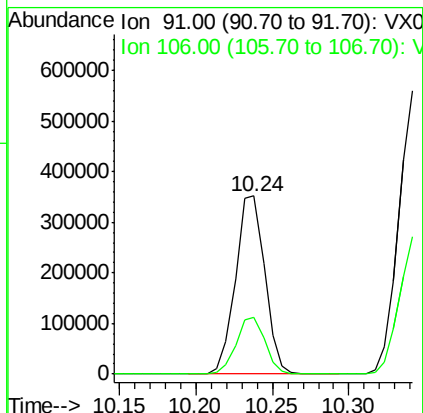
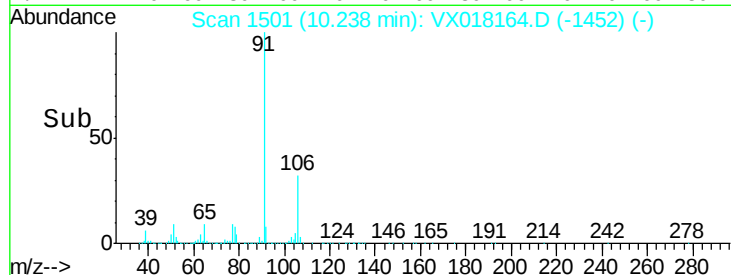
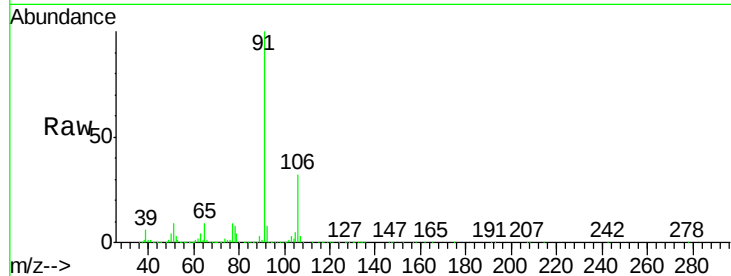
Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3

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#68

m/p-Xylenes

Concen: 40.627 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018164.D

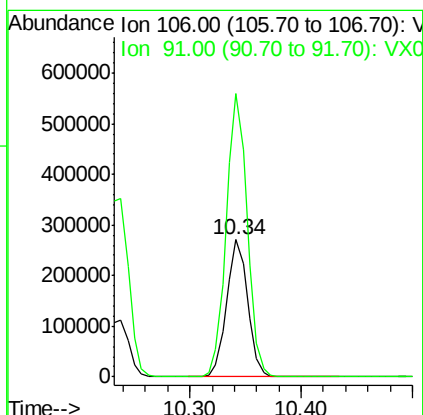
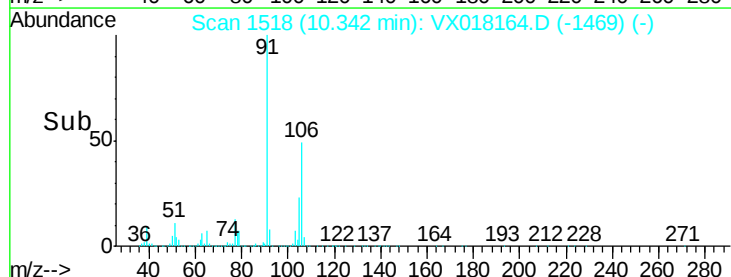
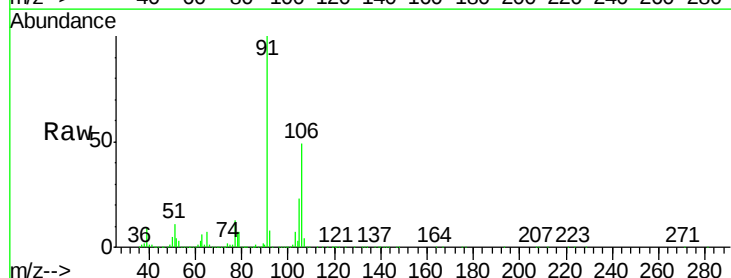
Acq: 31 Aug 2020 22:44

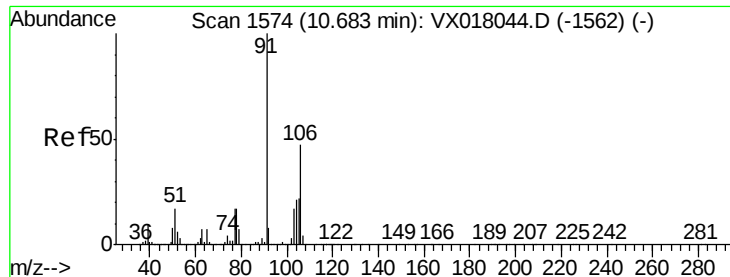
Tgt Ion: 106 Resp: 354854

Ion Ratio Lower Upper

106 100

91 204.9 162.2 243.2





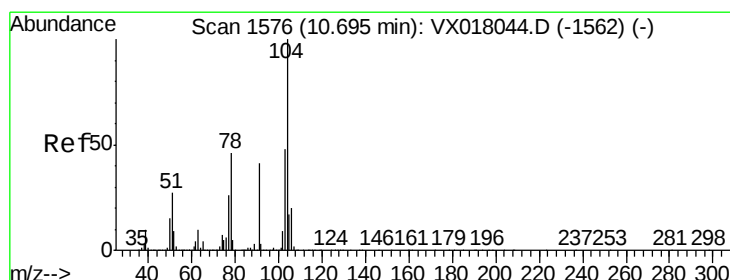
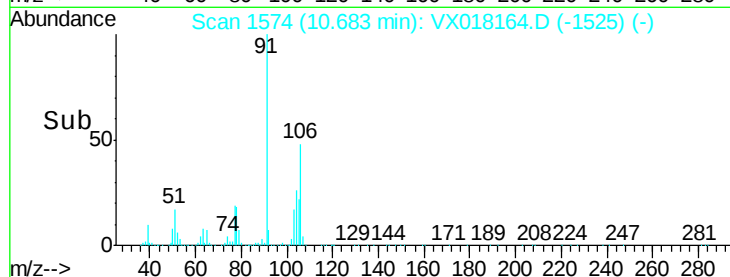
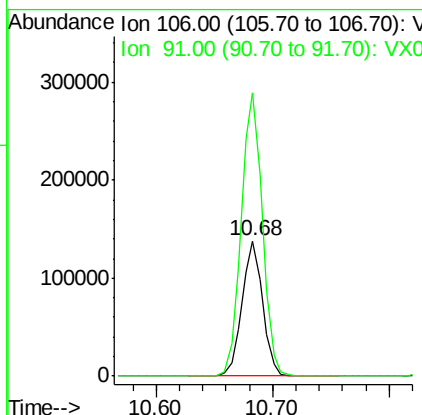
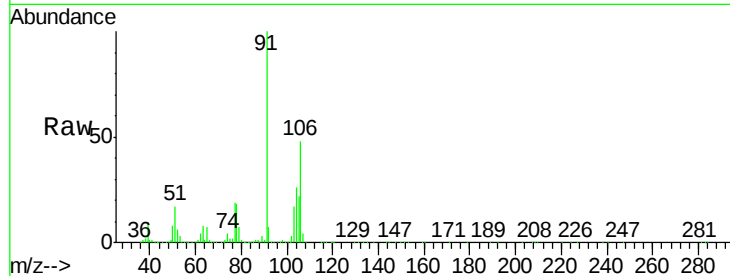
#69
o-Xylene
Concen: 20.188 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.1	107.1	321.3	

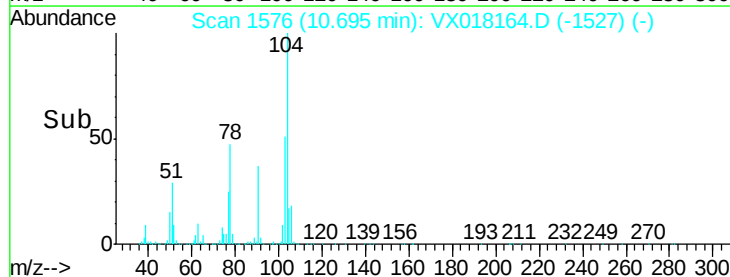
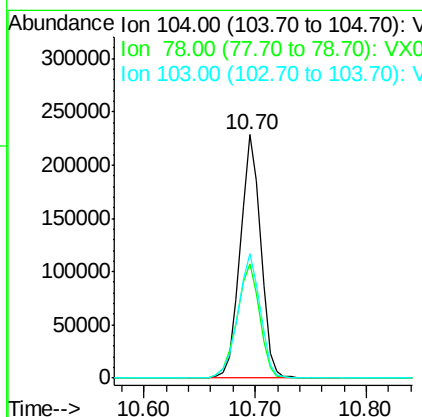
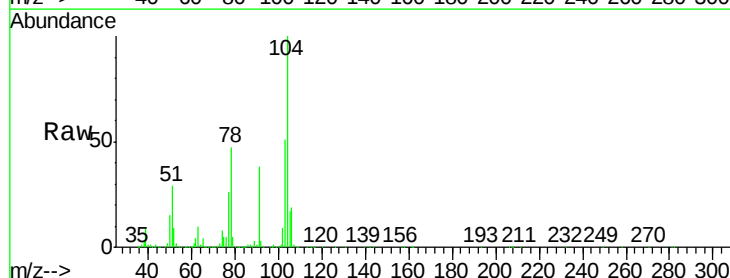
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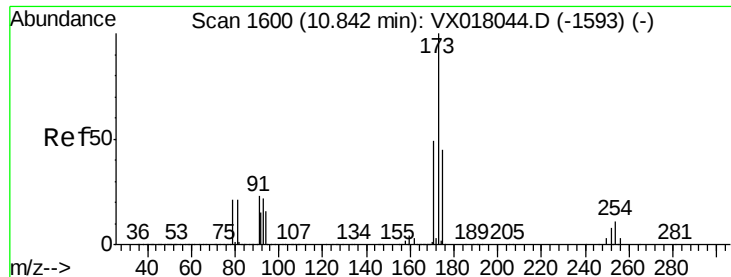
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#70
Styrene
Concen: 20.263 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	52.3	40.9	61.3	
103	55.4	43.6	65.4	





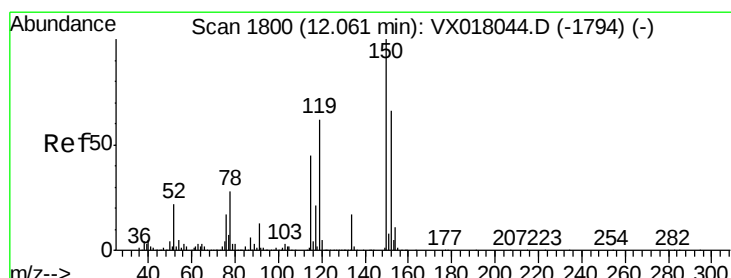
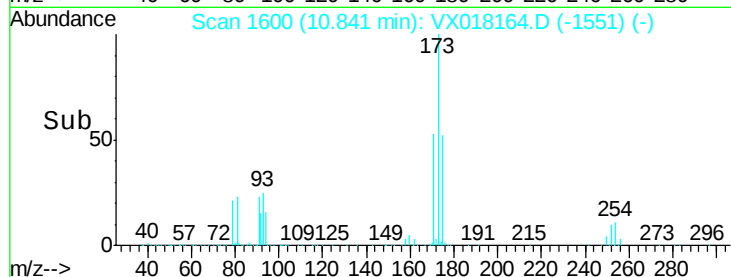
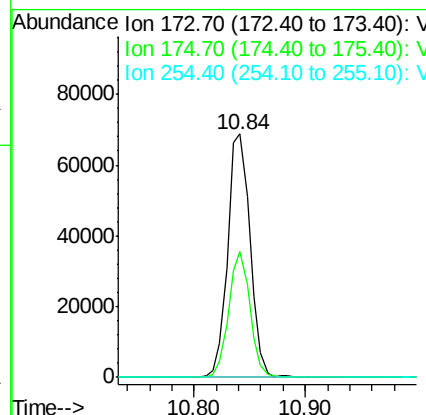
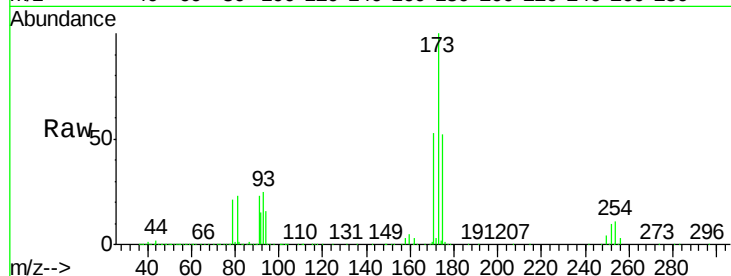
#71
Bromoform
Concen: 20.679 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.9	71.8
254	0.3	0.2	0.2#

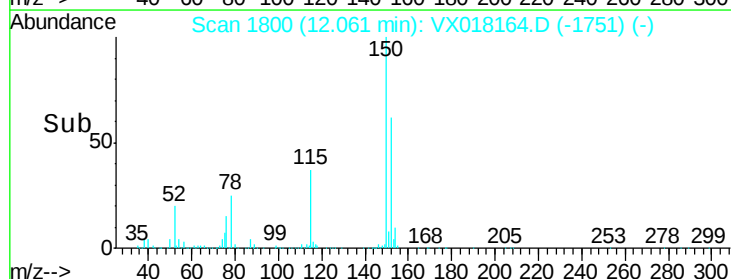
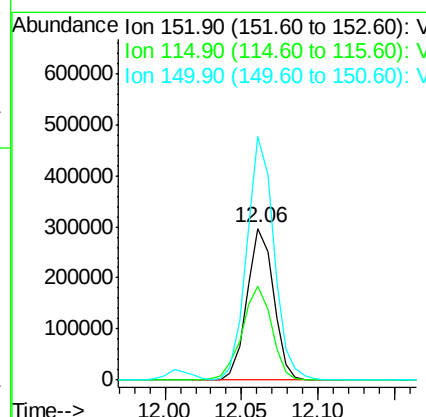
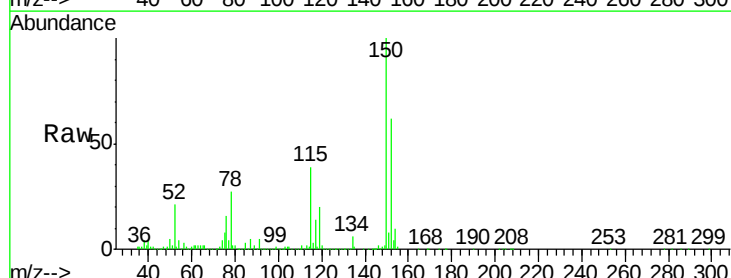
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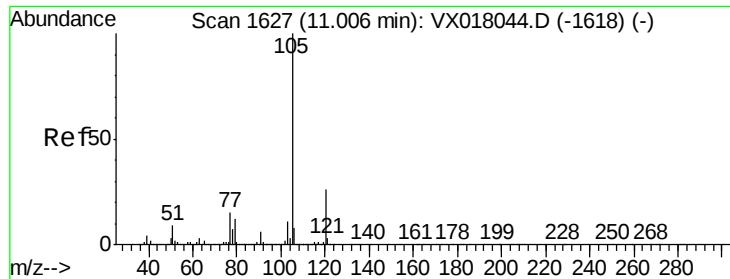
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.7	41.5	124.5
150	164.1	0.0	343.8





#73

Isopropylbenzene

Concen: 19.445 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS02

Tot Ion: 105 Resp: 459466

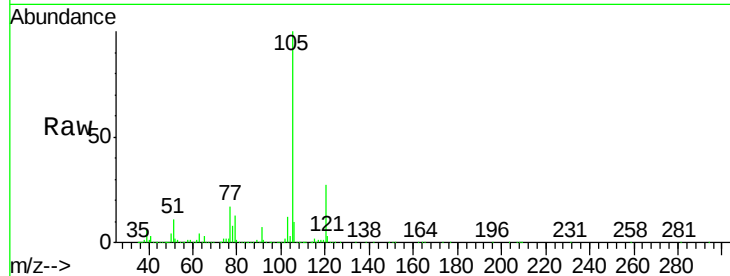
Ion Ratio Lower Upper

105 100

120 27.5 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

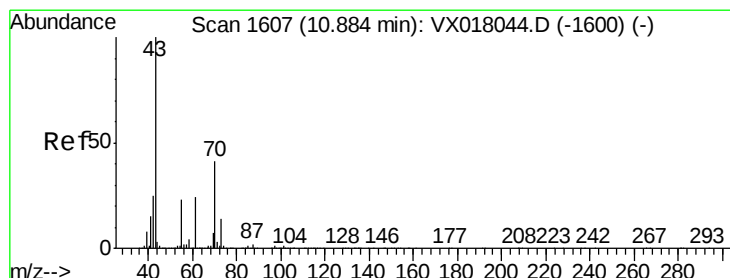
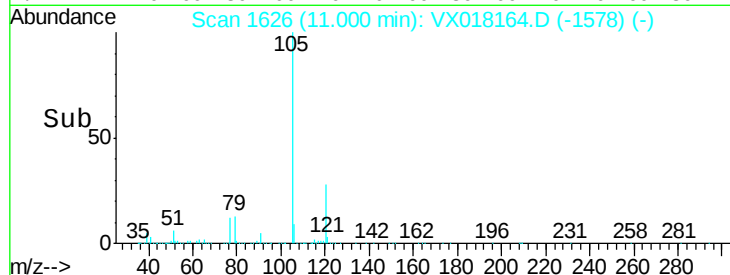
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.302 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Tgt Ion: 43 Resp: 205193

Ion Ratio Lower Upper

43 100

70 40.5 32.3 48.5

55 23.8 18.2 27.2

61 23.2 18.9 28.3

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

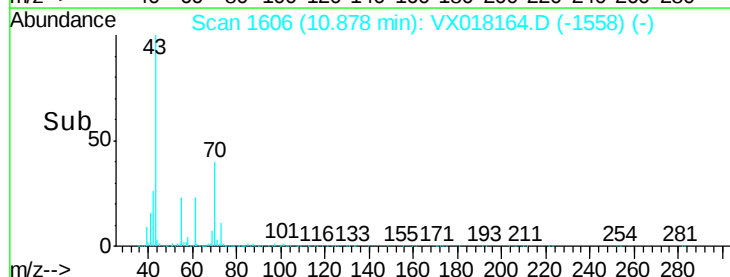
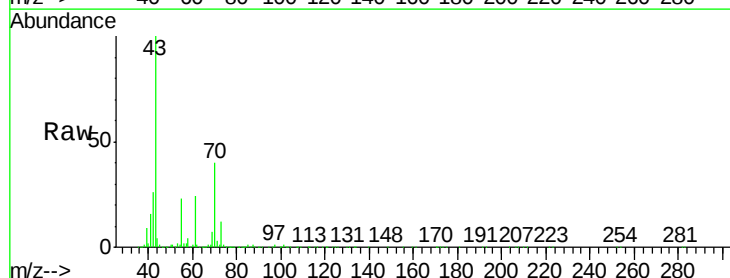
150000

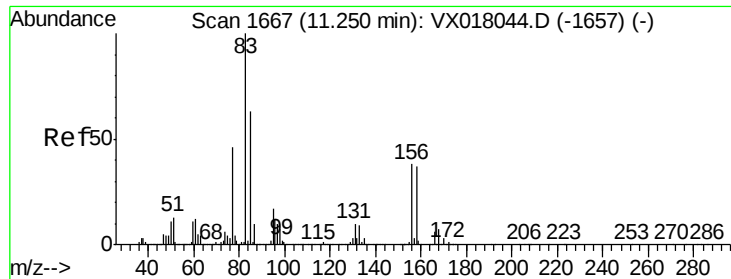
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.224 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

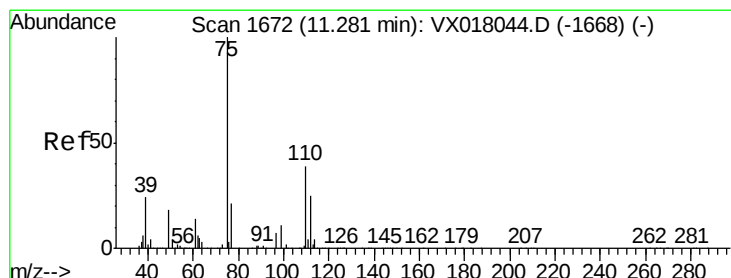
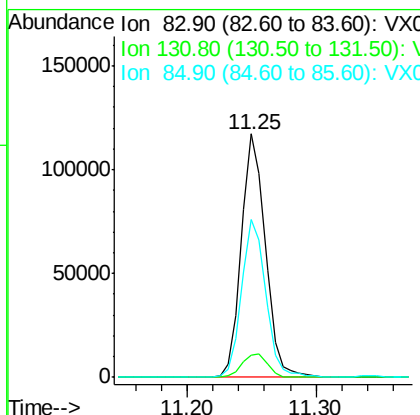
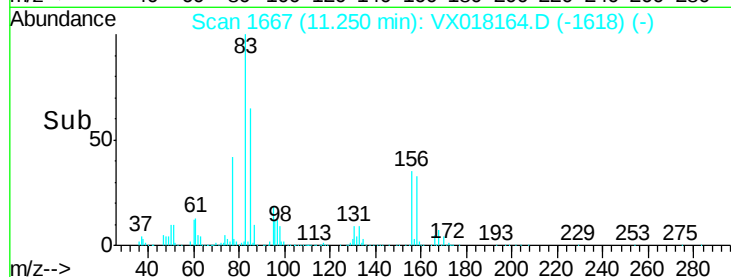
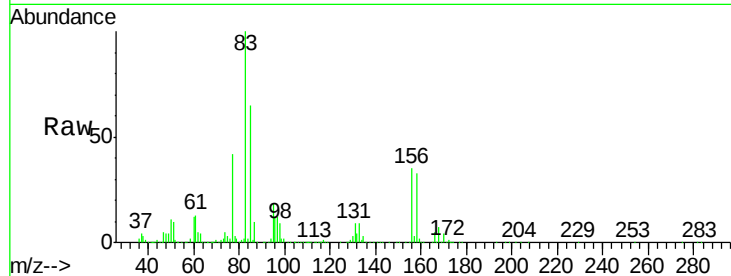
ClientSampleId :

VX0831WBS02

Tot Ion:	83	Resp:	151905
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	65.2	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 18.881 ug/l m

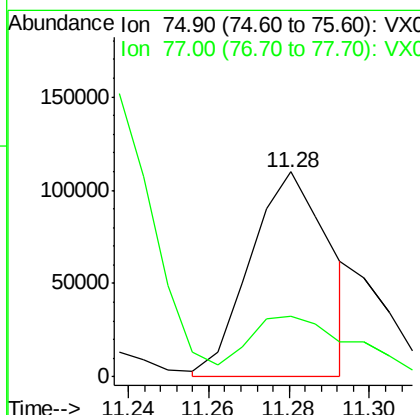
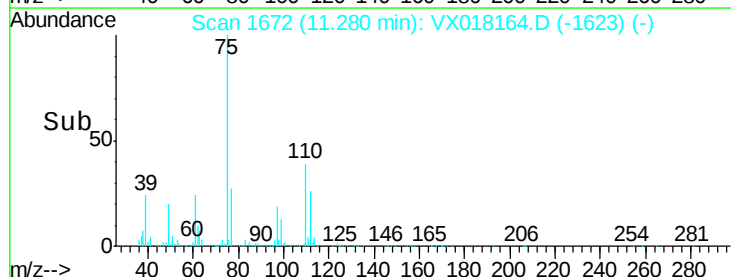
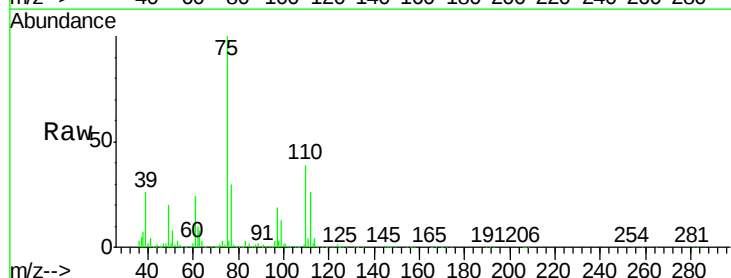
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Tgt Ion:	75	Resp:	150459
Ion Ratio	Lower	Upper	
75	100		
77	39.4	20.8	62.2





#77

Bromobenzene

Concen: 19.186 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

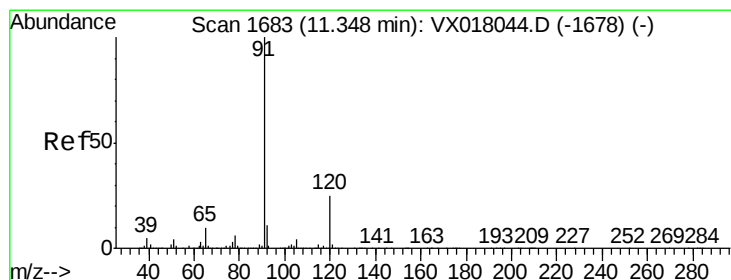
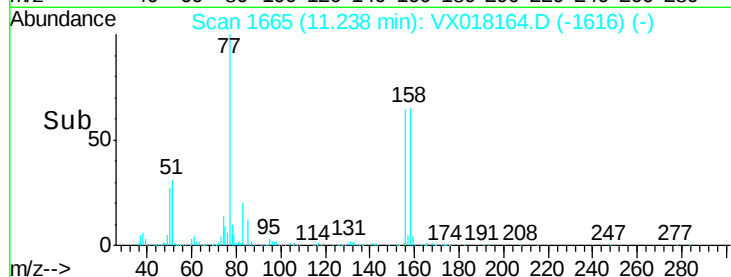
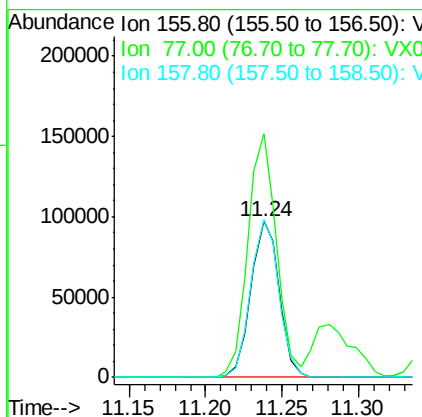
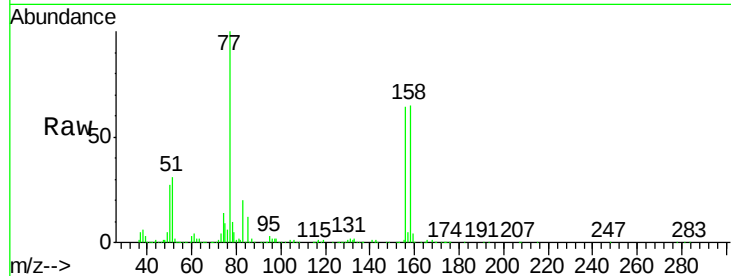
ClientSampleId :

VX0831WBS02

Tot Ion:	156	Resp:	125315
Ion Ratio	Lower	Upper	
156	100		
77	156.9	80.0	240.2
158	100.7	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 19.550 ug/l

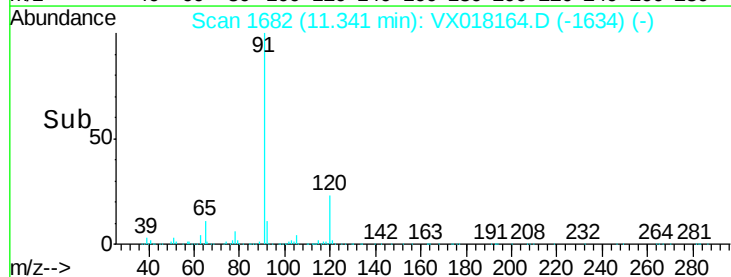
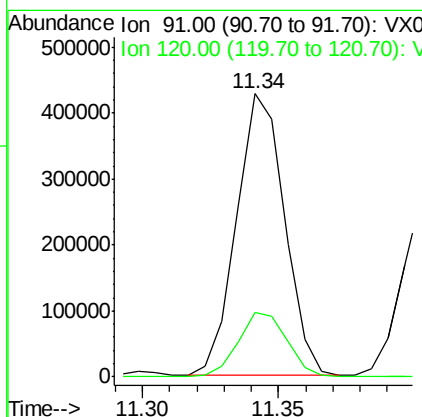
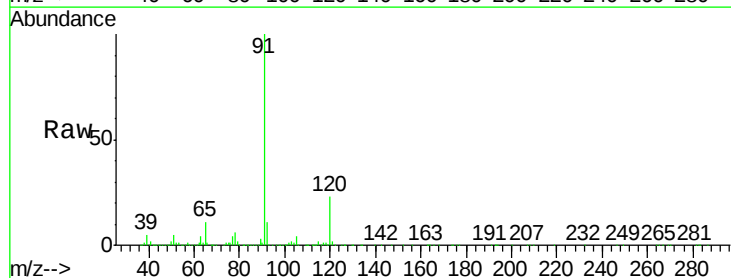
RT: 11.34 min Scan# 1682

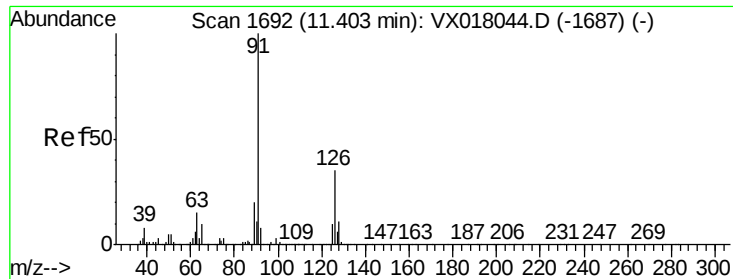
Delta R.T. -0.01 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Tgt Ion:	91	Resp:	524534
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.9	35.9





#79

2-Chlorotoluene

Concen: 19.470 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

ClientSampled :

VX0831WBS02

Tot Ion: 91 Resp: 322739

Ion Ratio Lower Upper

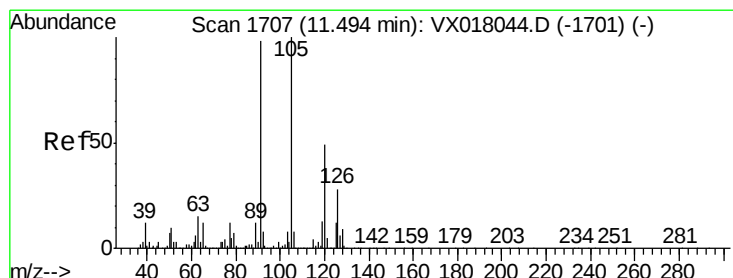
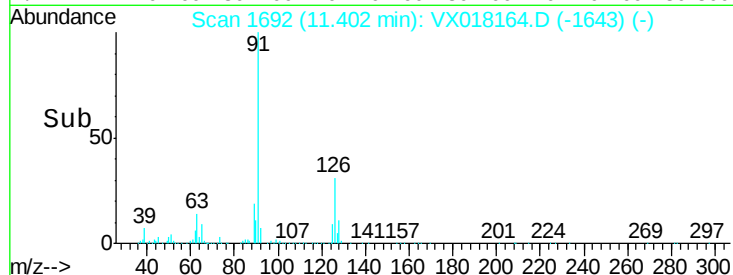
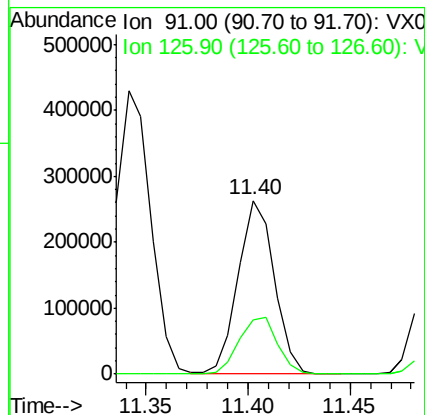
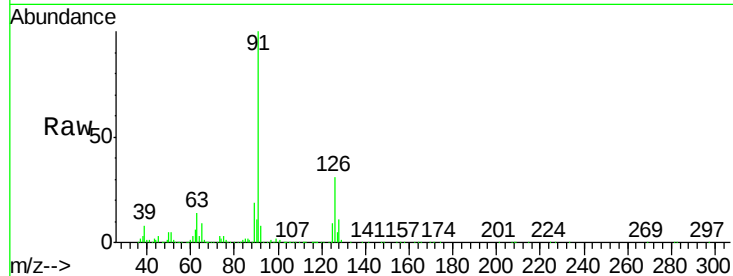
91 100

126 35.2 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 20.522 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018164.D

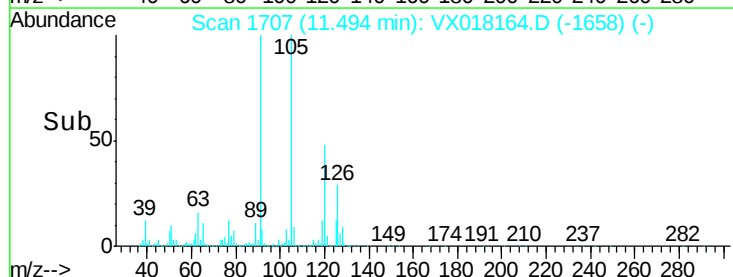
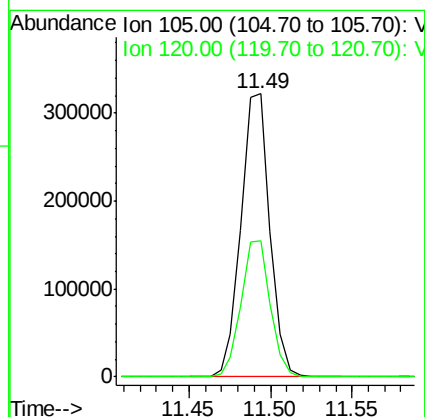
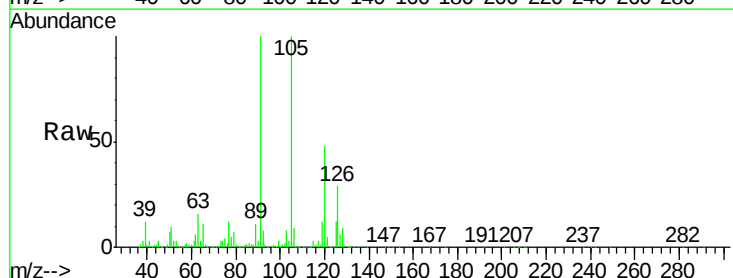
Acq: 31 Aug 2020 22:44

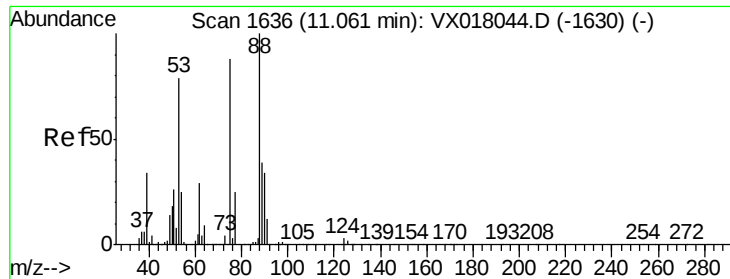
Tgt Ion: 105 Resp: 398487

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.988 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

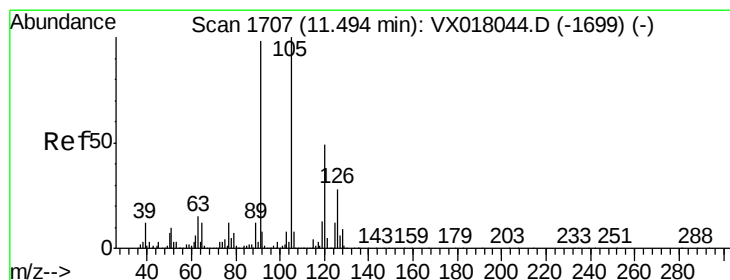
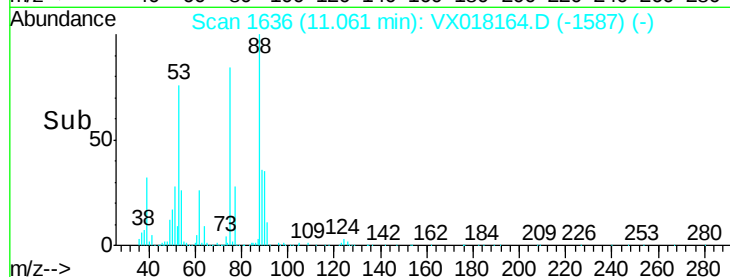
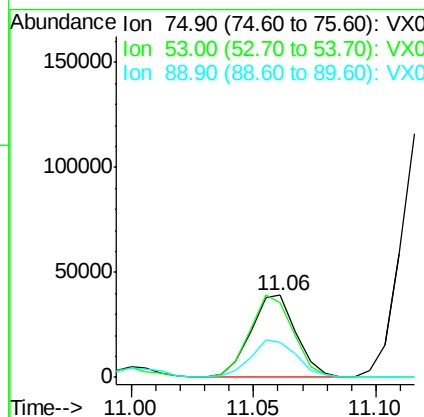
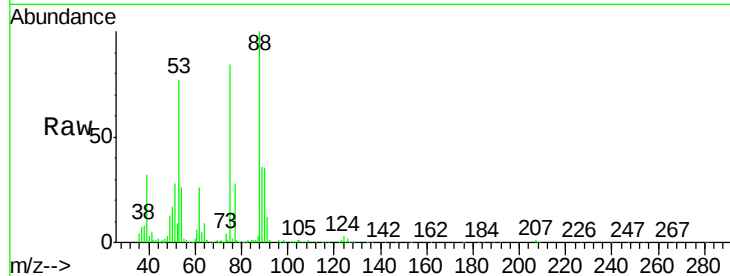
ClientSampled :

VX0831WBS02

Tot Ion:	75	Resp:	50124
Ion	Ratio	Lower	Upper
75	100		
53	97.4	74.7	112.1
89	47.0	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.552 ug/l

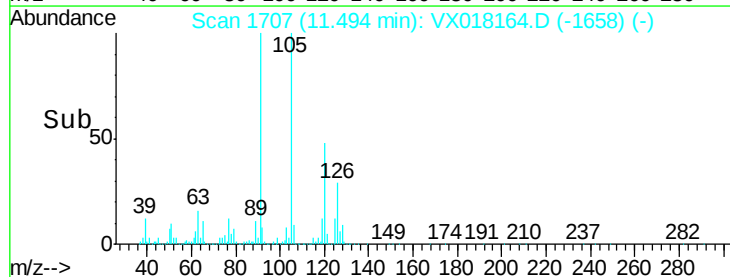
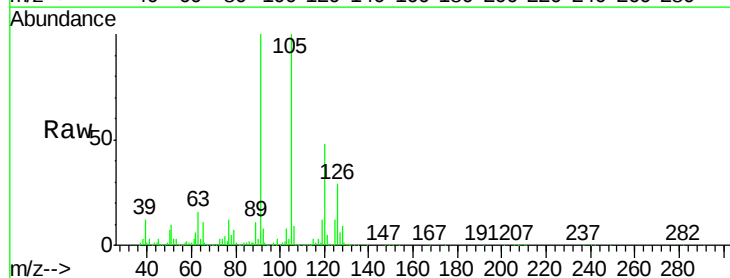
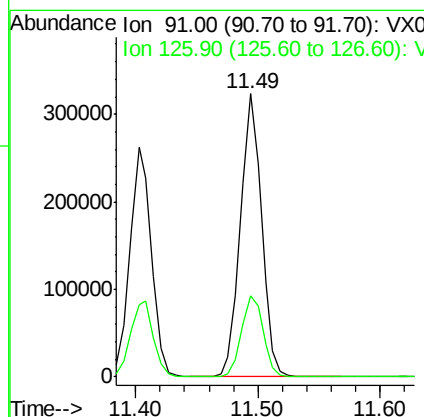
RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Tgt Ion:	91	Resp:	385294
Ion	Ratio	Lower	Upper
91	100		
126	29.6	15.1	45.3





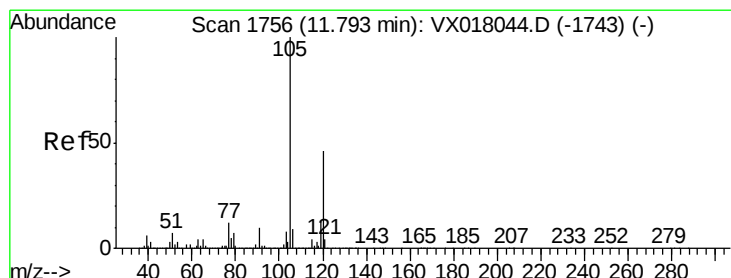
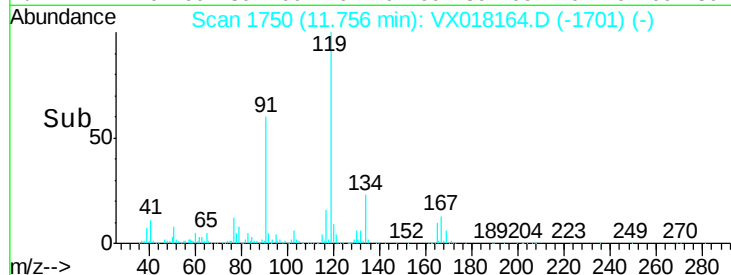
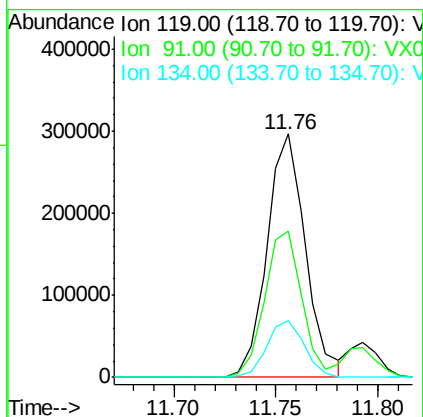
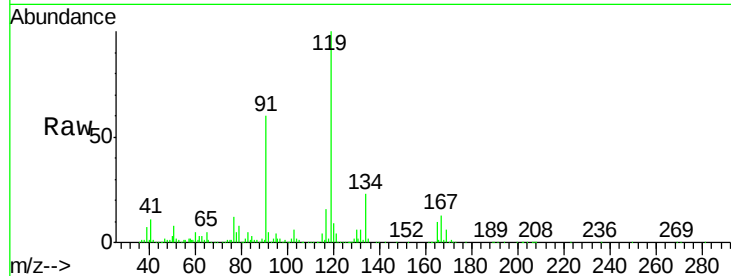
#83
tert-Butylbenzene
Concen: 20.275 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	388515		
91	58.1	28.2	84.7	
134	22.9	11.3	33.8	

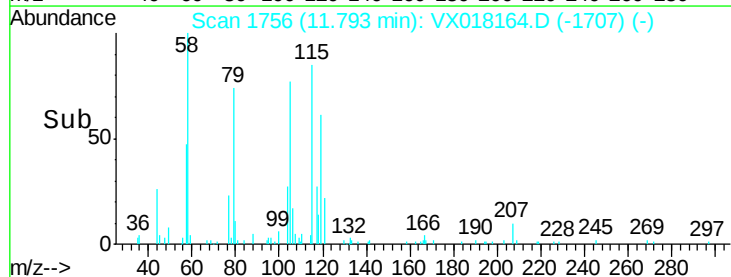
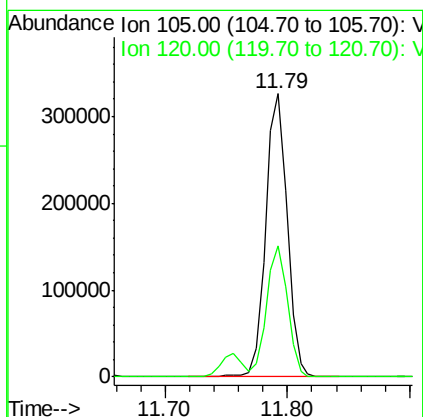
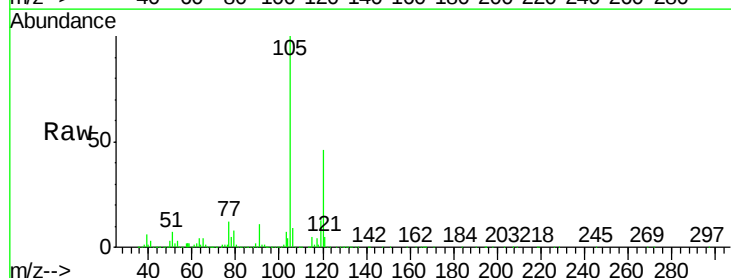
Manual Integrations
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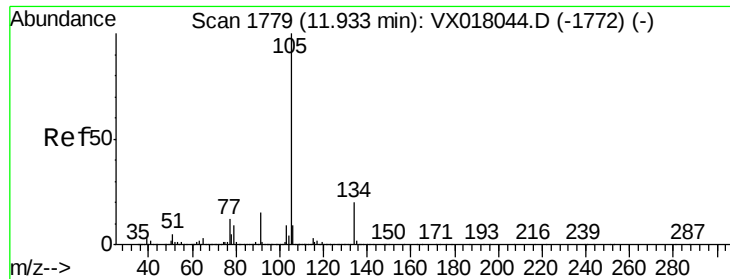
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.129 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	399609		
120	45.1	22.3	66.9	





#85

sec-Butylbenzene

Concen: 20.044 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBS02

Tot Ion:105 Resp: 436798

Ion Ratio Lower Upper

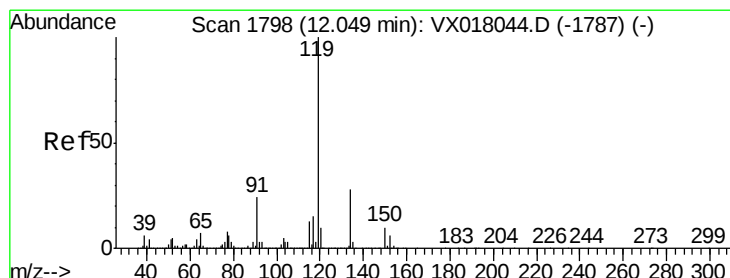
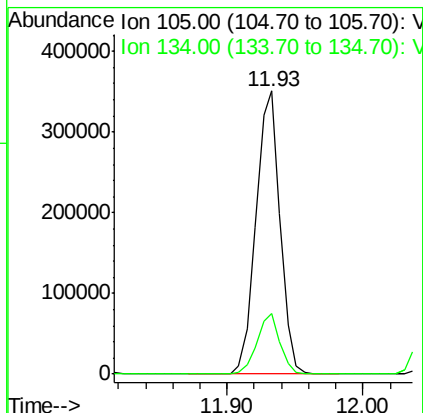
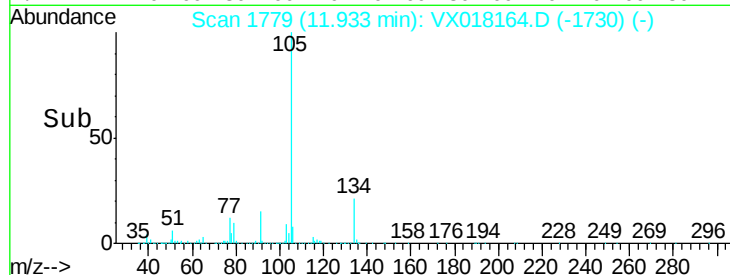
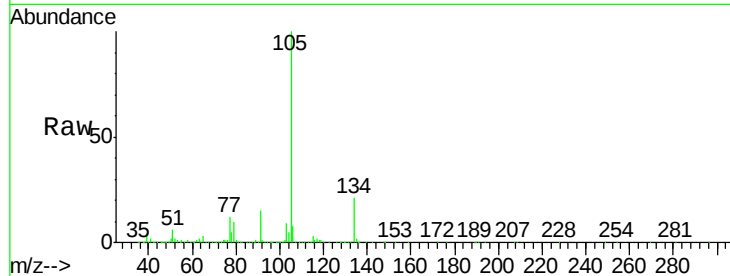
105 100

134 20.5 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 20.573 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

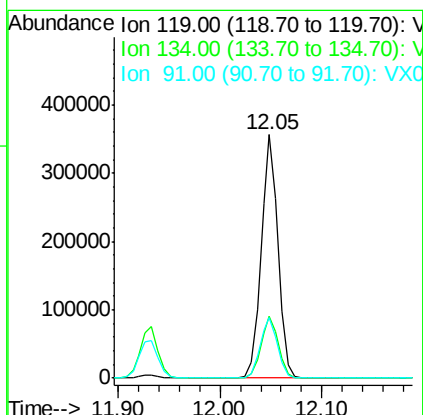
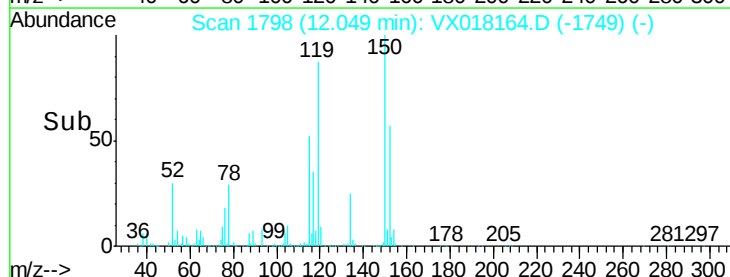
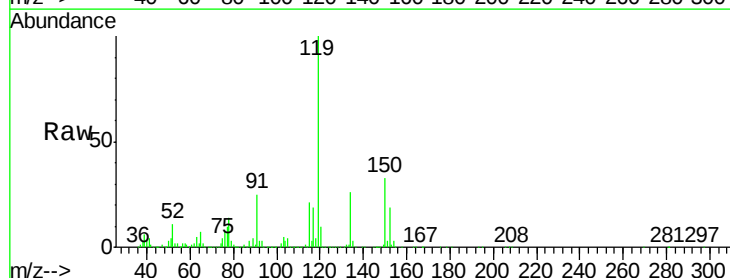
Tgt Ion:119 Resp: 411815

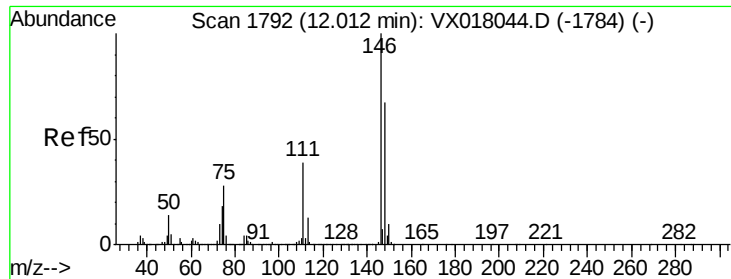
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 25.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 18.968 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

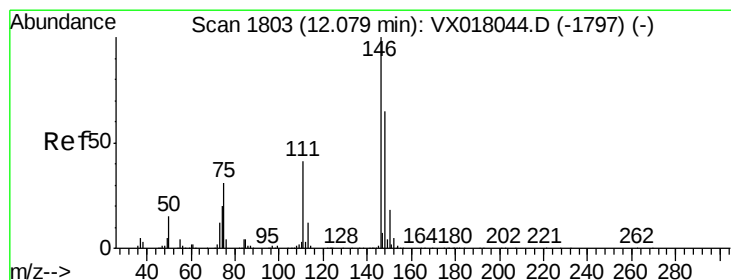
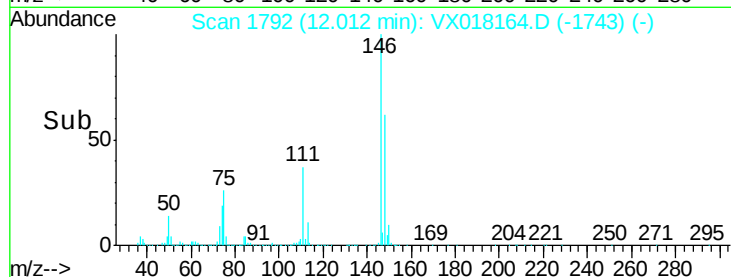
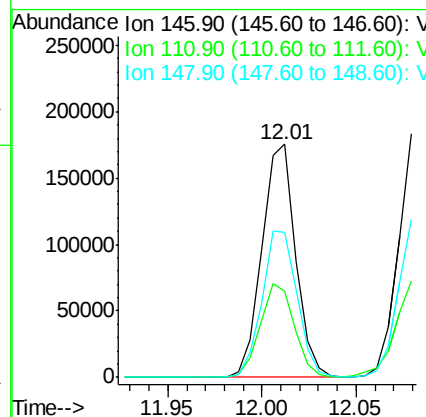
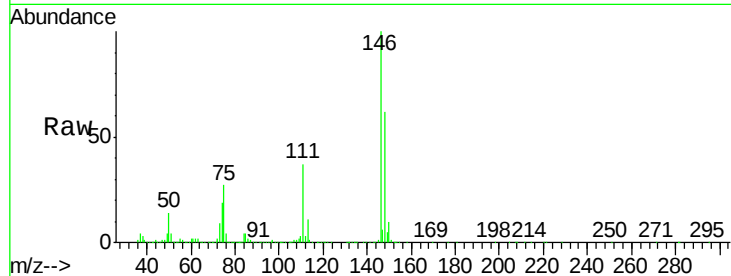
Instrument :
MSVOA_X

ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	217516		
111	40.9	20.6	61.8	
148	65.5	33.1	99.2	

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#88

1,4-Dichlorobenzene

Concen: 19.234 ug/l

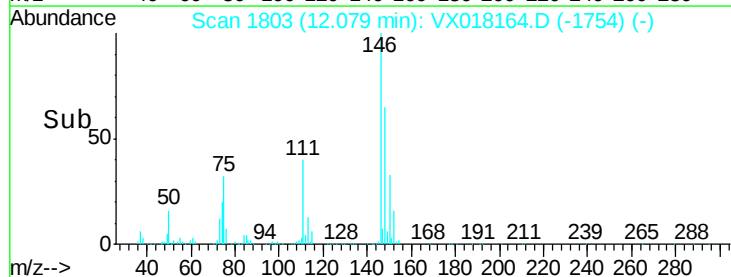
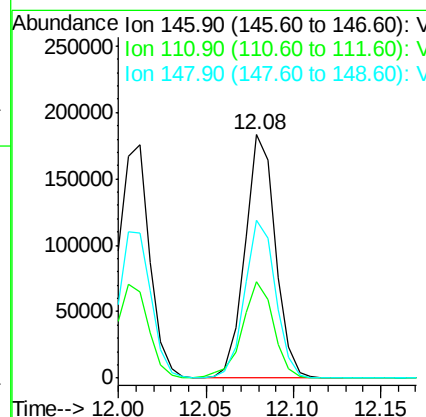
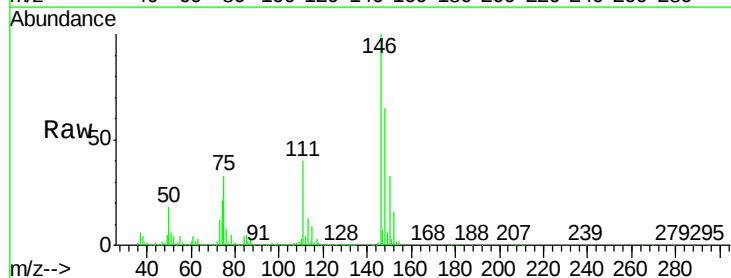
RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	220847		
111	41.2	20.3	60.8	
148	65.7	33.1	99.2	





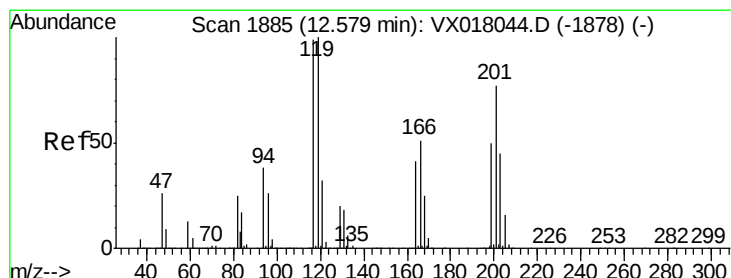
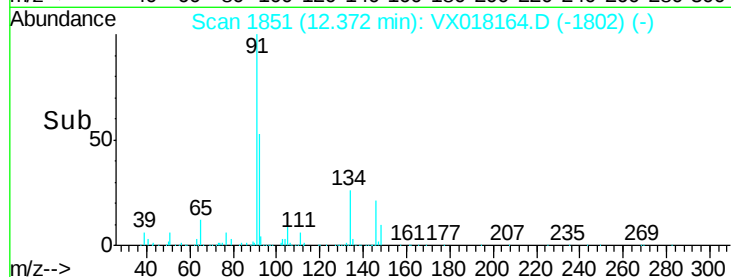
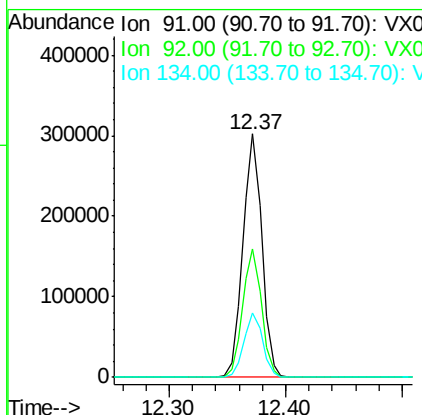
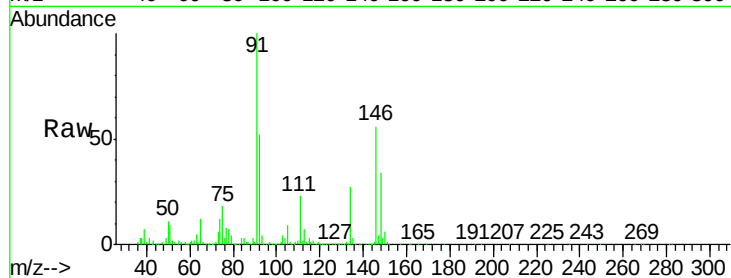
#89
n-Butylbenzene
Concen: 18.828 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.5	26.4	79.2	
134	26.2	12.9	38.7	

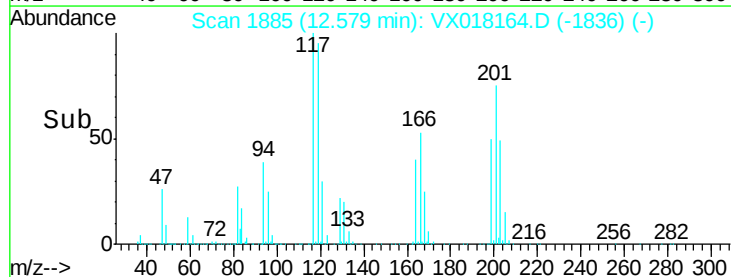
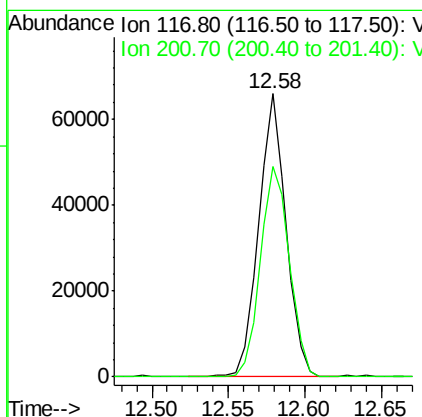
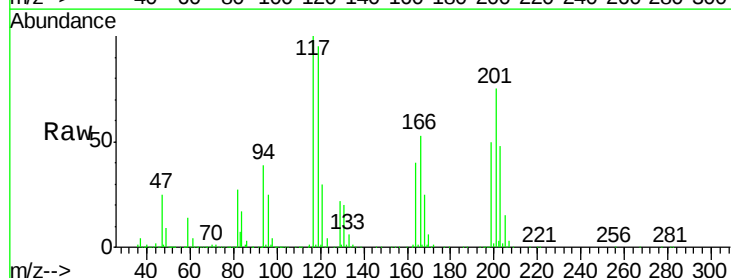
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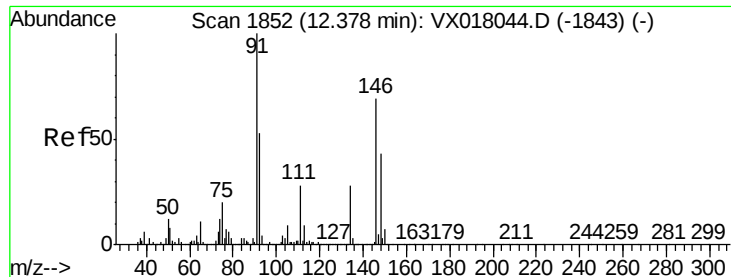
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#90
Hexachloroethane
Concen: 20.894 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018164.D
Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	79.2	38.5	115.3	





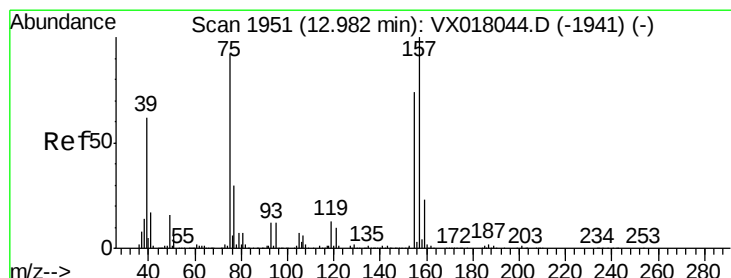
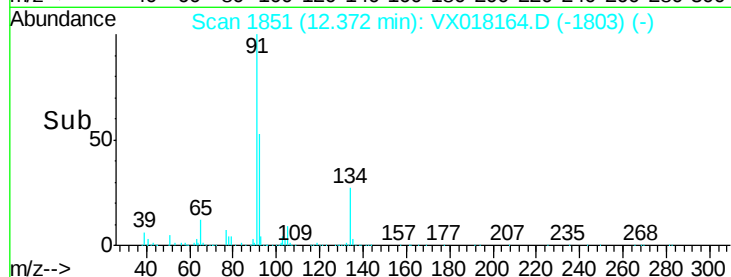
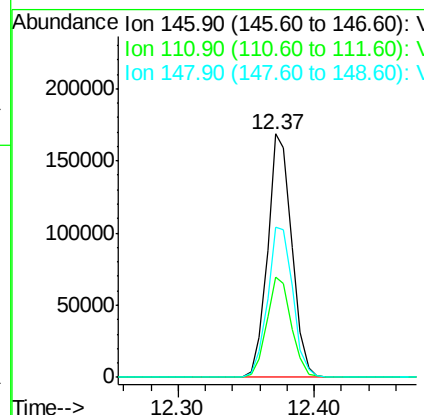
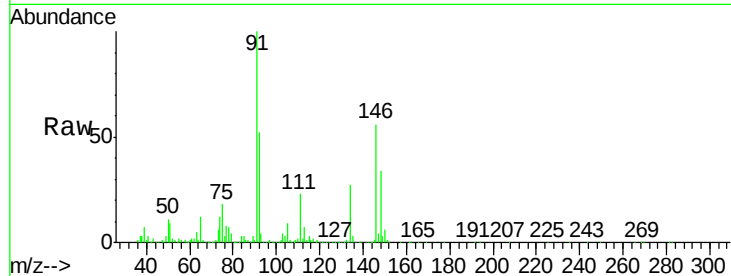
#91
 1,2-Dichlorobenzene
 Concen: 19.602 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018164.D
 Acq: 31 Aug 2020 22:44

Instrument :
 MSVOA_X
 ClientSampled :
 VX0831WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	211593		
111	42.1	20.8	62.5	
148	64.2	31.6	95.0	

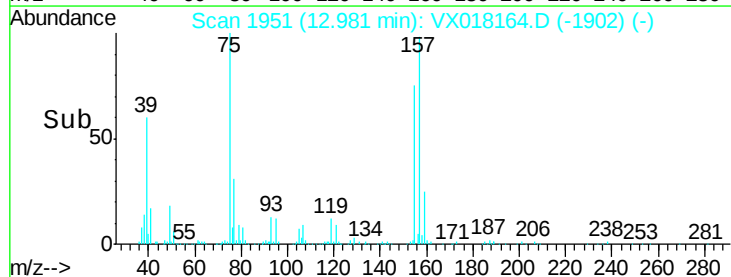
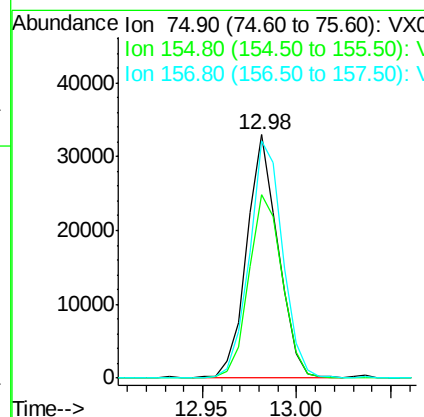
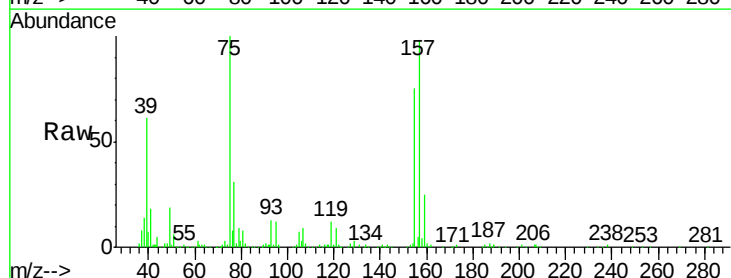
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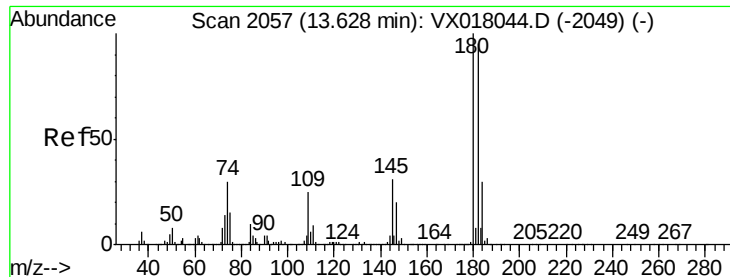
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.287 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018164.D
 Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38113		
155	80.2	40.2	120.6	
157	103.0	55.0	165.2	





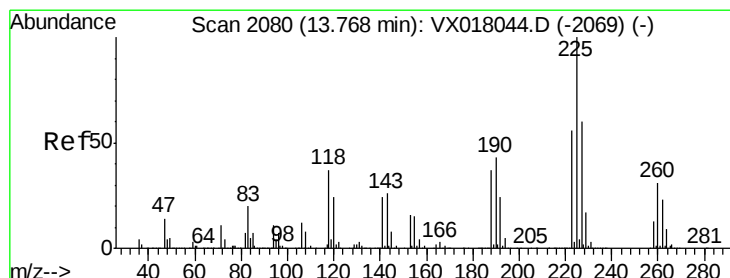
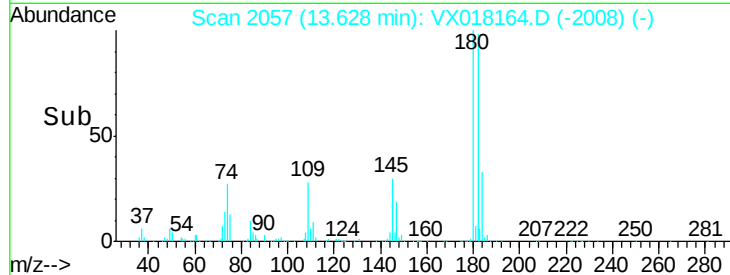
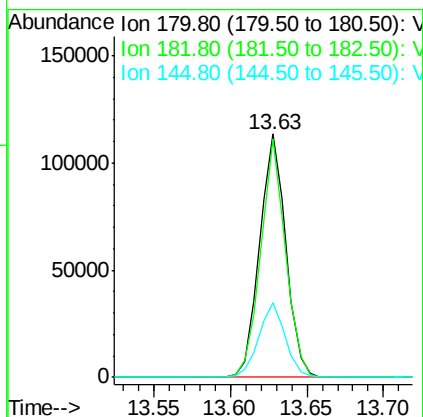
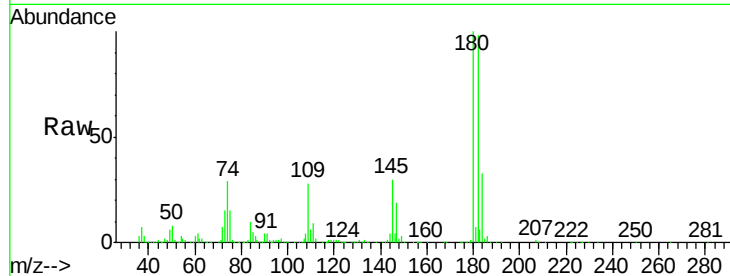
#93
 1,2,4-Trichlorobenzene
 Concen: 18.893 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018164.D
 Acq: 31 Aug 2020 22:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	135994		
182	93.1	47.5	142.6	
145	31.0	15.7	47.1	

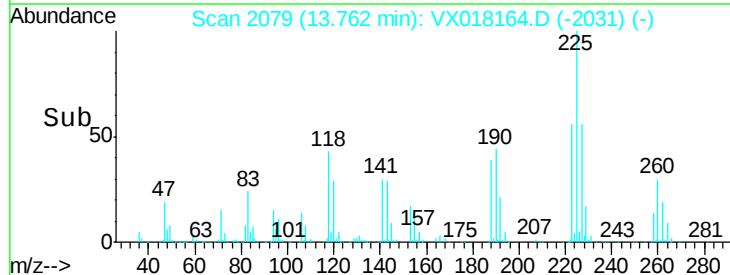
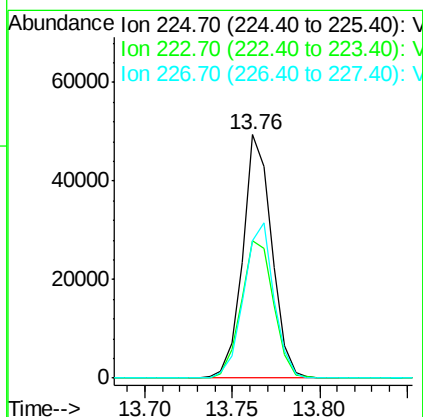
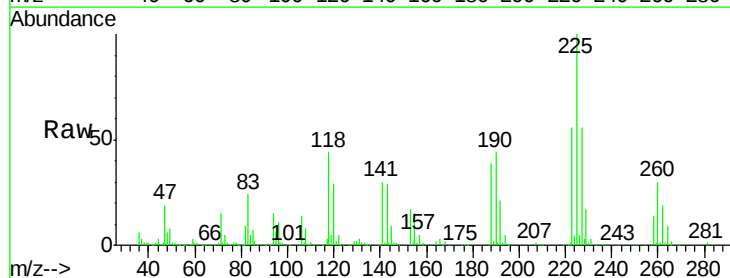
Manual Integrations
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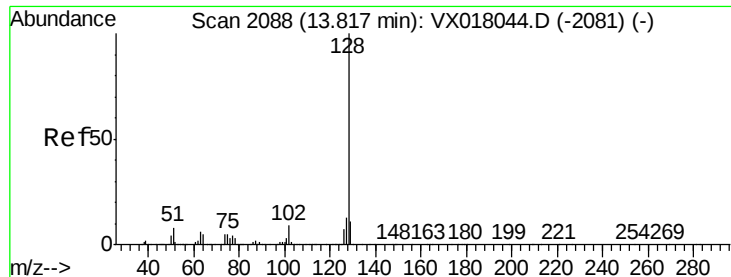
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#94
 Hexachlorobutadiene
 Concen: 20.002 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018164.D
 Acq: 31 Aug 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56790		
223	62.9	30.7	92.1	
227	66.3	32.6	97.8	





#95

Naphthalene

Concen: 18.506 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018164.D

Acq: 31 Aug 2020 22:44

Instrument :

MSVOA_X

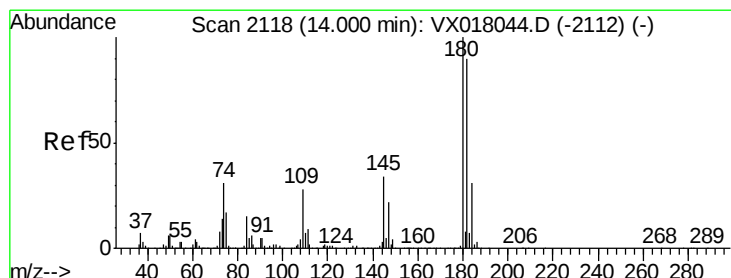
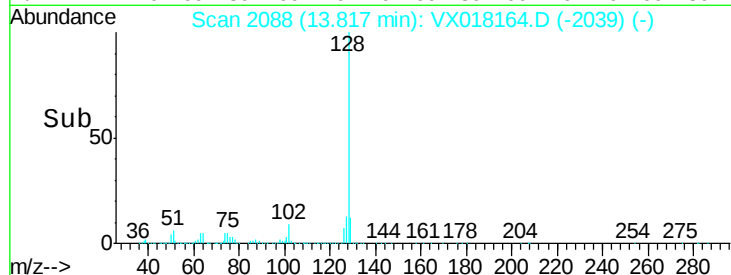
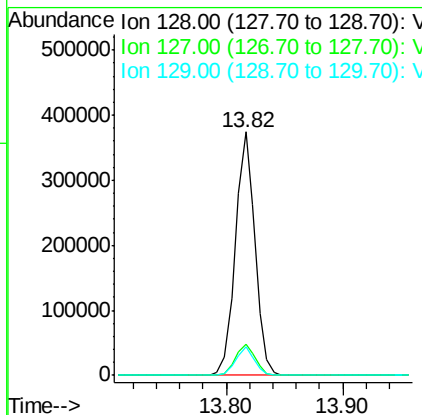
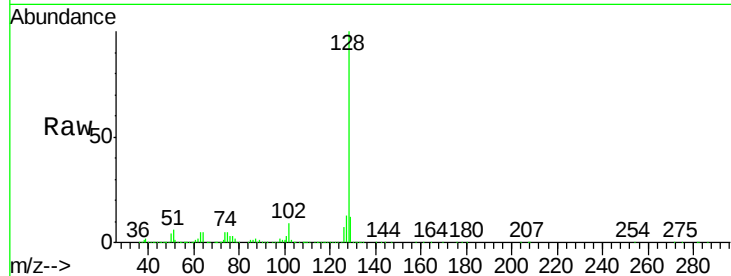
ClientSampled :

VX0831WBS02

Tot Ion:	128	Resp:	438399
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:19 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.772 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

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Tgt Ion:	180	Resp:	133519
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.3	142.0
145	34.7	17.5	52.6

