

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018225.D
 Acq On : 03 Sep 2020 11:36
 Operator : JC/SP
 Sample : VX0903WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 9:29:00 AM

Quant Time: Sep 04 01:54:02 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	408046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	633295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	611742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	320583	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	301593	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
35) Dibromofluoromethane	5.46	113	228622	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
50) Toluene-d8	8.70	98	820006	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.12	95	313073	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	94939	19.110	ug/l	100
3) Chloromethane	1.31	50	92805	17.719	ug/l	98
4) Vinyl Chloride	1.39	62	91249	17.501	ug/l	99
5) Bromomethane	1.64	94	67650	26.900	ug/l	98
6) Chloroethane	1.71	64	52574	18.774	ug/l	97
7) Trichlorofluoromethane	1.92	101	151954	21.373	ug/l	99
8) Diethyl Ether	2.17	74	50426	20.914	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79156	20.594	ug/l	98
10) Methyl Iodide	2.49	142	84326	23.624	ug/l	97
11) Tert butyl alcohol	3.04	59	85376	77.514	ug/l	98
12) 1,1-Dichloroethene	2.35	96	73642	18.468	ug/l	99
13) Acrolein	2.28	56	16999	37.221	ug/l	96
14) Allyl chloride	2.71	41	130861	18.266	ug/l	95
15) Acrylonitrile	3.12	53	216365	86.599	ug/l	99
16) Acetone	2.43	43	191187	86.615	ug/l	95
17) Carbon Disulfide	2.55	76	211183	17.519	ug/l	97
18) Methyl Acetate	2.75	43	113856	21.375	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	270097	19.750	ug/l	100
20) Methylene Chloride	2.84	84	87044	18.552	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	81303	18.403	ug/l	98
22) Diisopropyl ether	3.82	45	271372	19.192	ug/l	91
23) Vinyl Acetate	3.78	43	1141925	90.759	ug/l	99
24) 1,1-Dichloroethane	3.67	63	152790	18.982	ug/l	97
25) 2-Butanone	4.64	43	297181	81.921	ug/l	100
26) 2,2-Dichloropropane	4.55	77	138132	21.092	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	90561	17.791	ug/l	99
28) Bromochloromethane	4.98	49	71698	18.454	ug/l	93
29) Tetrahydrofuran	5.09	42	190293	82.403	ug/l	97
30) Chloroform	5.17	83	163875	19.662	ug/l	99
31) Cyclohexane	5.55	56	116767	17.222	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	151281	19.779	ug/l	99
36) 1,1-Dichloropropene	5.78	75	114790	19.652	ug/l	99
37) Ethyl Acetate	4.79	43	119466	17.609	ug/l #	96
38) Carbon Tetrachloride	5.76	117	138001	20.964	ug/l	97

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Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 9:29:00 AM

Quant Time: Sep 04 01:54:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	118585	18.566	ug/l	92
40) Benzene	6.11	78	329026	19.170	ug/l	95
41) Methacrylonitrile	5.00	41	65440	17.568	ug/l	96
42) 1,2-Dichloroethane	6.16	62	140863	21.421	ug/l	97
43) Isopropyl Acetate	6.41	43	198665	18.130	ug/l	100
44) Trichloroethene	7.19	130	94742	19.536	ug/l	99
45) 1,2-Dichloropropane	7.49	63	87247	18.861	ug/l	93
46) Dibromomethane	7.64	93	64698	19.889	ug/l	99
47) Bromodichloromethane	7.87	83	131564	20.255	ug/l	95
48) Methyl methacrylate	7.74	41	92943	17.039	ug/l	98
49) 1,4-Dioxane	7.75	88	27800	281.349	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	620198	91.628	ug/l	98
52) Toluene	8.76	92	206139	18.941	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	138336	19.217	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	147755	19.376	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	91491	19.711	ug/l	97
56) Ethyl methacrylate	9.16	69	125037	18.120	ug/l	99
57) 1,3-Dichloropropane	9.35	76	146784	19.173	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	259101	83.470	ug/l	97
59) 2-Hexanone	9.47	43	455810	88.562	ug/l	97
60) Dibromochloromethane	9.56	129	110149	20.229	ug/l	99
61) 1,2-Dibromoethane	9.65	107	99000	19.645	ug/l	96
64) Tetrachloroethene	9.32	164	99297	22.088	ug/l	88
65) Chlorobenzene	10.12	112	236038	19.319	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	95684	19.870	ug/l	99
67) Ethyl Benzene	10.24	91	396682	19.092	ug/l	97
68) m/p-Xylenes	10.34	106	305797	39.431	ug/l	97
69) o-Xylene	10.68	106	143121	19.038	ug/l	100
70) Styrene	10.69	104	243651	19.031	ug/l	98
71) Bromoform	10.84	173	77862	18.957	ug/l	98
73) Isopropylbenzene	11.01	105	394941	18.677	ug/l	98
74) N-amyl acetate	10.88	43	160460	15.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	131340	17.607	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	123912m	17.375	ug/l	
77) Bromobenzene	11.24	156	105295	18.014	ug/l	97
78) n-propylbenzene	11.34	91	450740	18.773	ug/l	99
79) 2-Chlorotoluene	11.40	91	276468	18.637	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	346136	19.919	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	46586	17.643	ug/l	96
82) 4-Chlorotoluene	11.49	91	328859	18.648	ug/l	99
83) tert-Butylbenzene	11.76	119	317953	18.541	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	344649	19.400	ug/l	99
85) sec-Butylbenzene	11.93	105	383802	19.681	ug/l	100
86) p-Isopropyltoluene	12.05	119	356081	19.878	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	190424	18.555	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	199485	19.414	ug/l	98
89) n-Butylbenzene	12.37	91	308068	18.842	ug/l	99
90) Hexachloroethane	12.58	117	68138	19.333	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	193784	20.060	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	31768	17.032	ug/l	95

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Instrument :
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ClientSampleId :
VX0903WBSD01

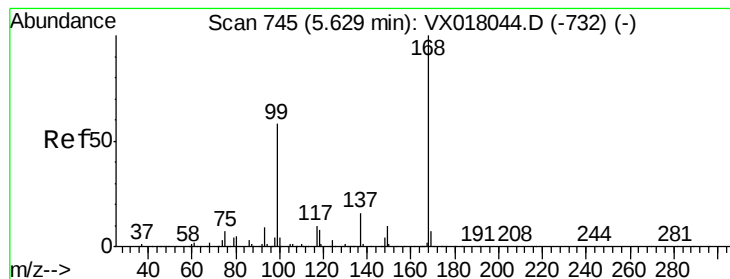
Manual Integrations
APPROVED

MMDadoda
9/4/2020 9:29:00 AM

Quant Time: Sep 04 01:54:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	122385	18.999	ug/l	97
94) Hexachlorobutadiene	13.77	225	58356	22.967	ug/l	98
95) Naphthalene	13.82	128	368865	17.399	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	116997	18.381	ug/l	97

(#) = 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: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBSD01

Tot Ion:168 Resp: 408046

Ion Ratio Lower Upper

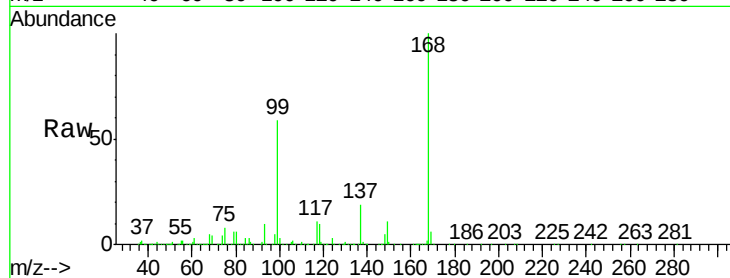
168 100

99 59.1 46.3 69.5

Manual Integrations
APPROVED

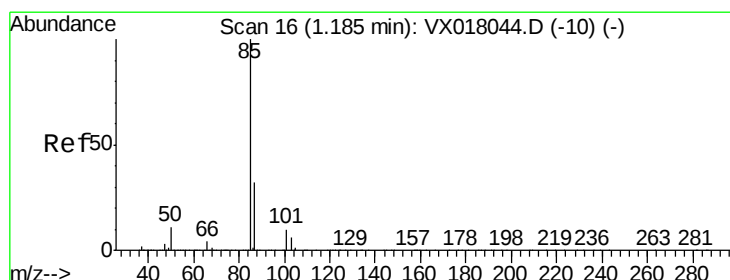
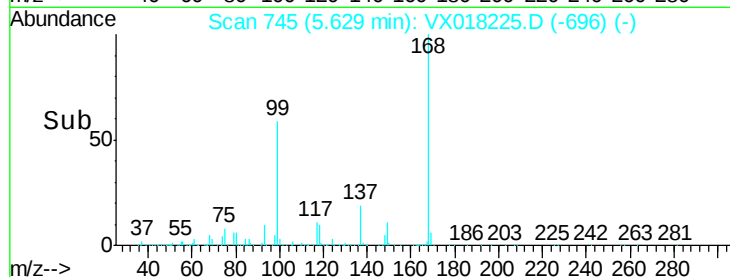
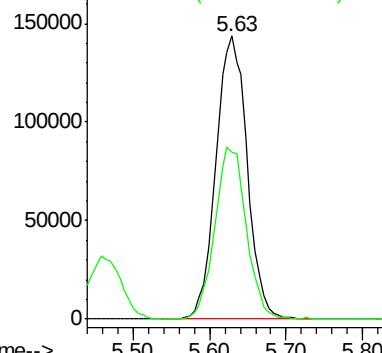
MMDadoda

9/4/2020 9:29:00 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.110 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018225.D

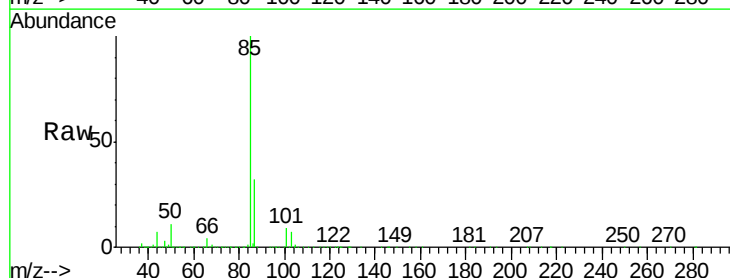
Acq: 03 Sep 2020 11:36

Tgt Ion: 85 Resp: 94939

Ion Ratio Lower Upper

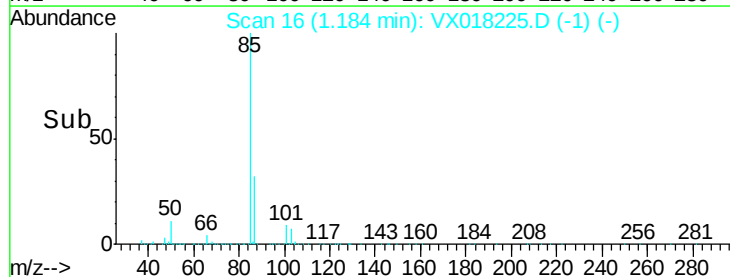
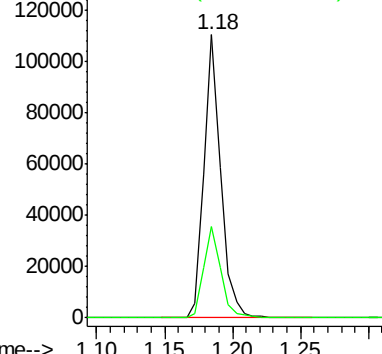
85 100

87 32.3 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: 17.719 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBSD01

Tot Ion: 50 Resp: 92805

Ion Ratio Lower Upper

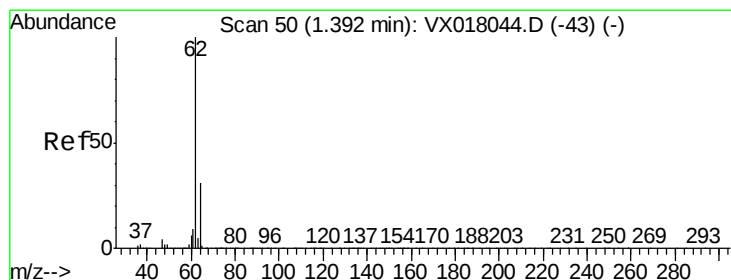
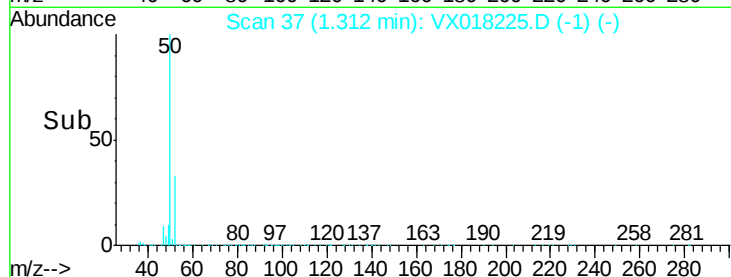
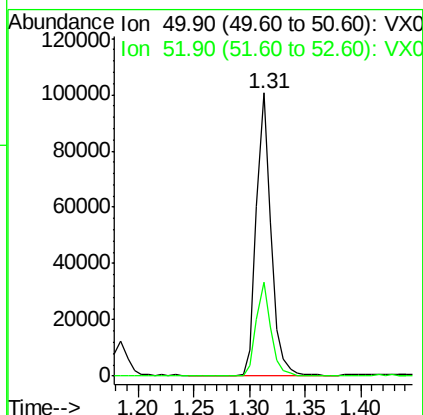
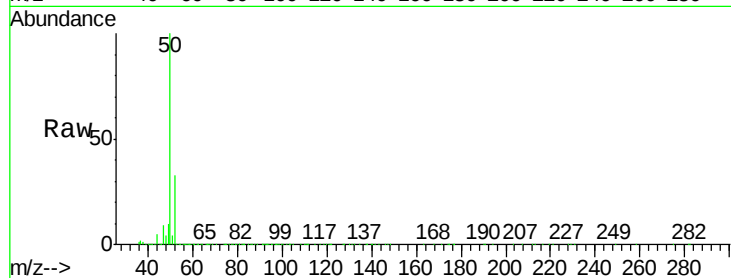
50 100

52 32.9 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.501 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018225.D

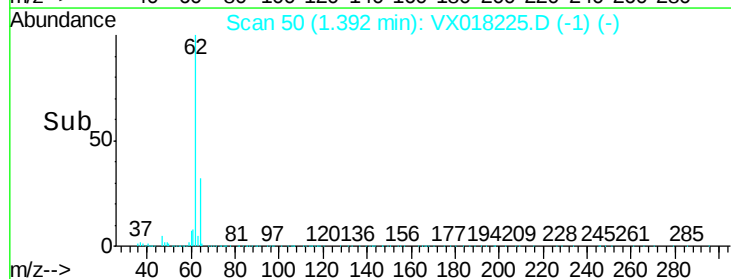
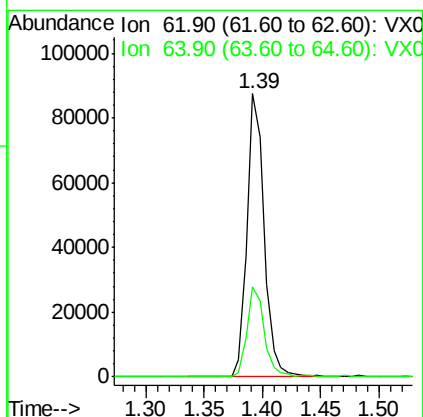
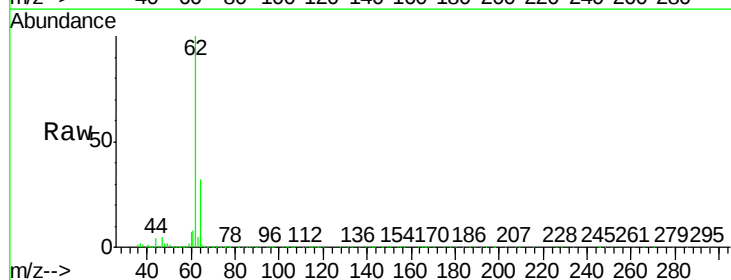
Acq: 03 Sep 2020 11:36

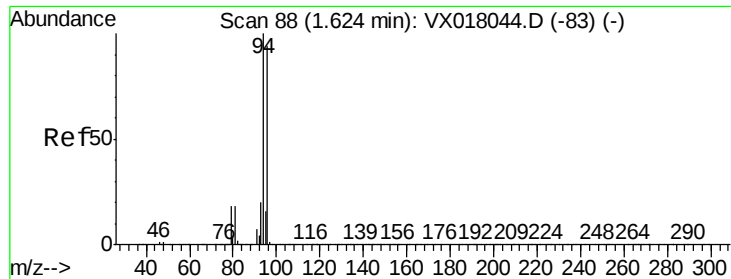
Tgt Ion: 62 Resp: 91249

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 26.900 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBSD01

Tot Ion: 94 Resp: 67650

Ion Ratio Lower Upper

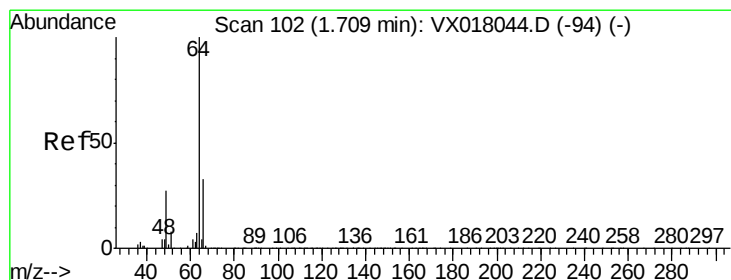
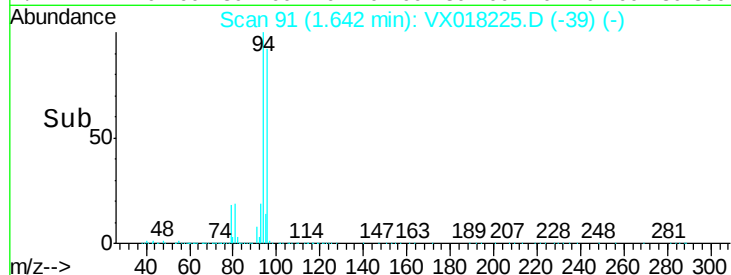
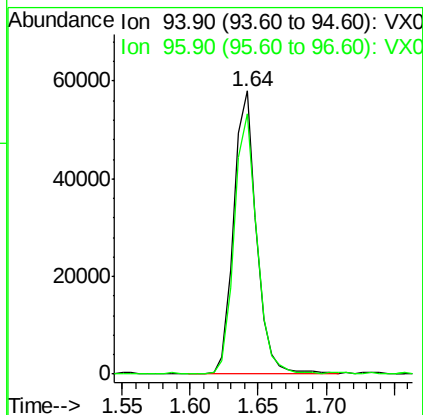
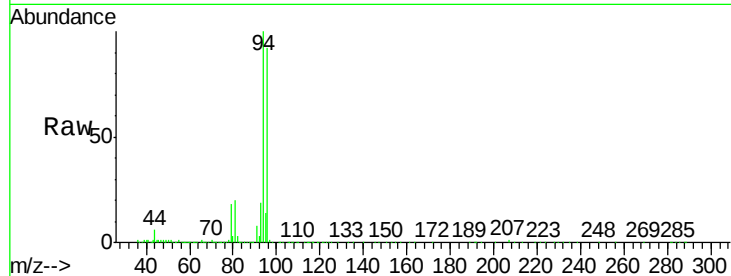
94 100

96 91.6 74.8 112.2

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APPROVED

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#6

Chloroethane

Concen: 18.774 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018225.D

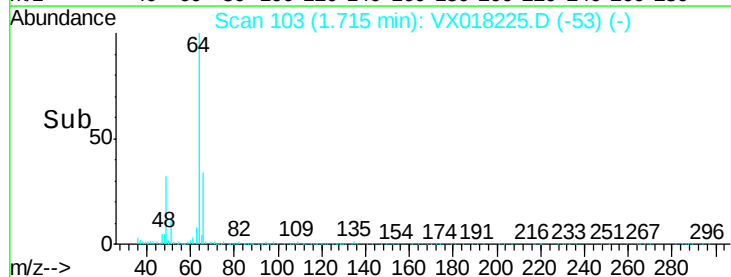
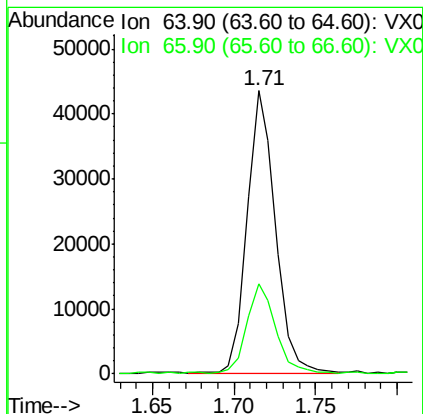
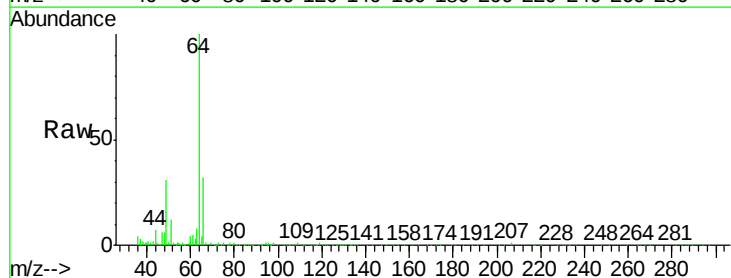
Acq: 03 Sep 2020 11:36

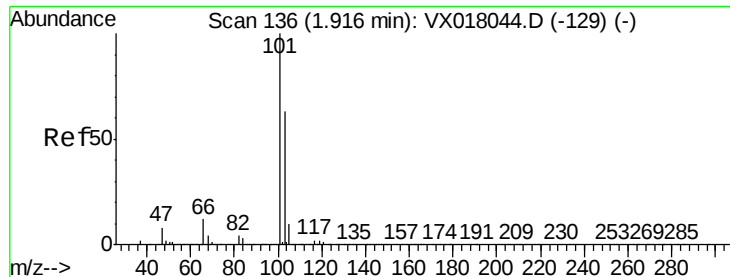
Tgt Ion: 64 Resp: 52574

Ion Ratio Lower Upper

64 100

66 31.7 26.6 39.8





#7

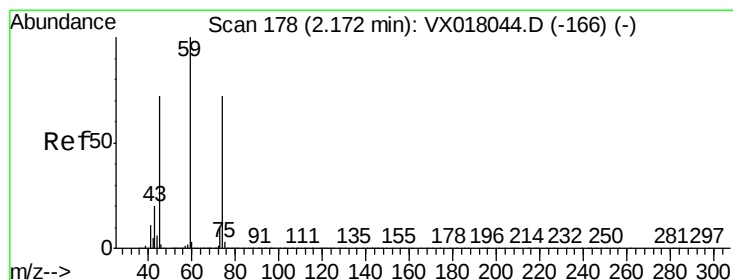
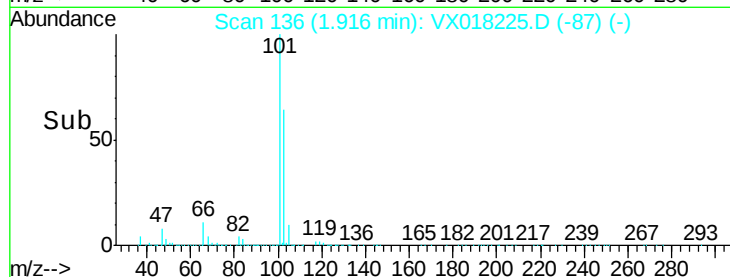
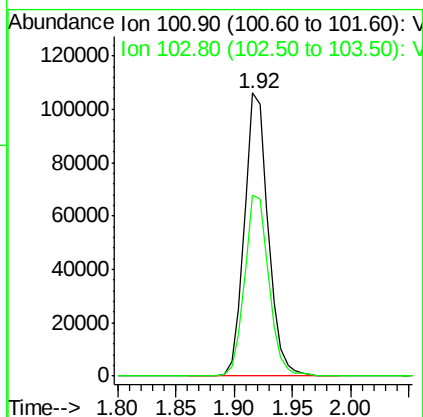
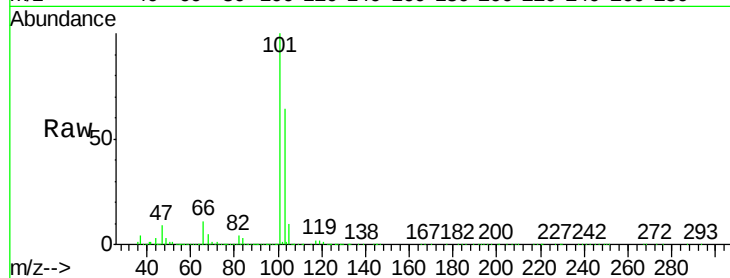
Trichlorofluoromethane
Concen: 21.373 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.7	76.1

Manual Integrations
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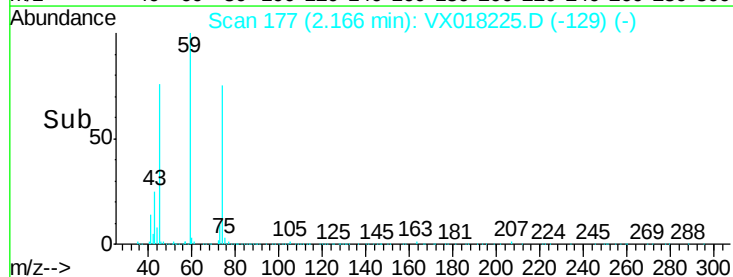
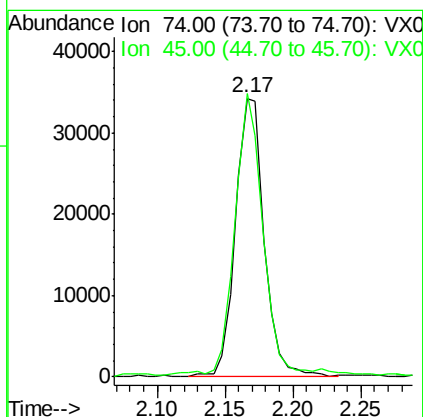
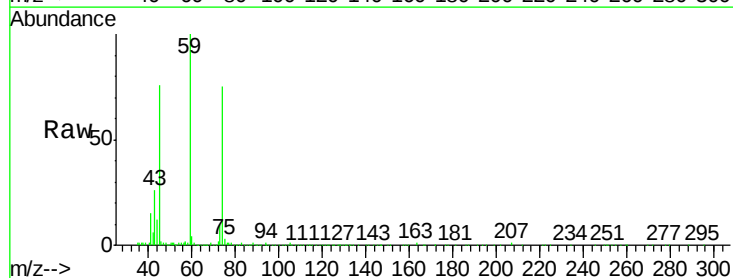
MMDadoda
9/4/2020 9:29:00 AM

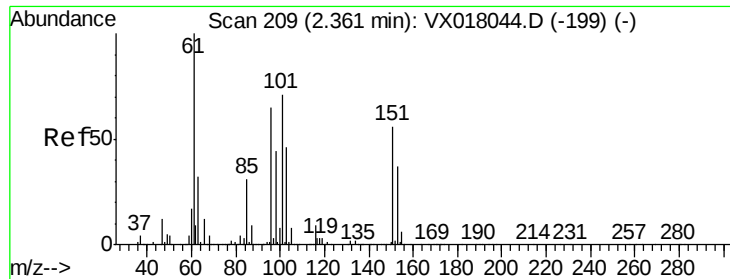


#8

Diethyl Ether
Concen: 20.914 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.594 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

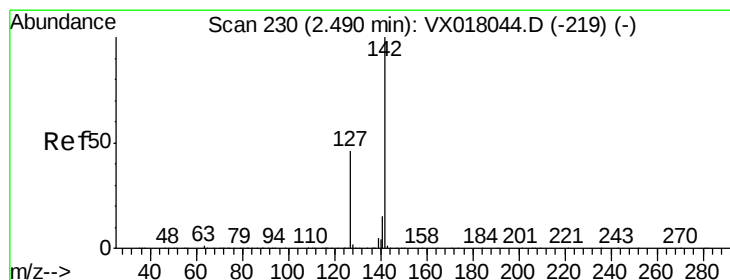
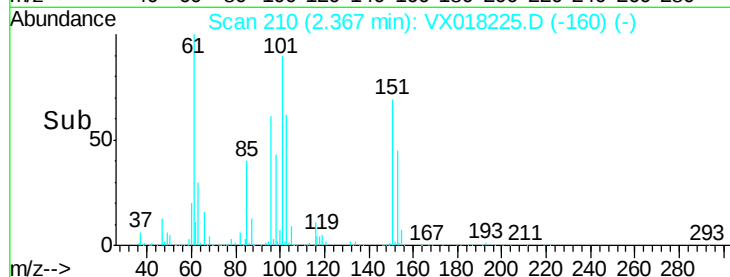
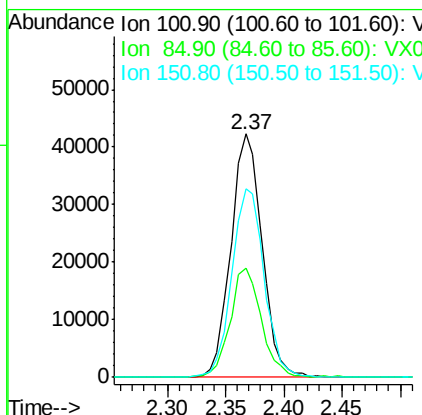
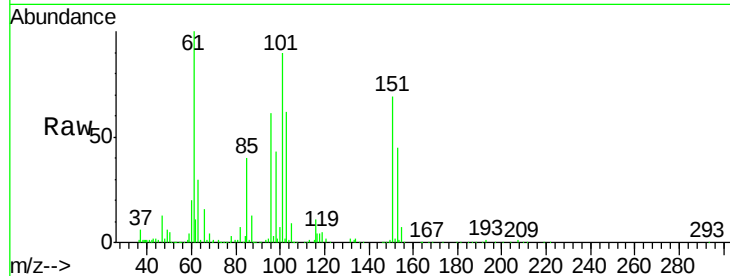
ClientSampleId :

VX0903WBSD01

Tot Ion:	101	Resp:	79156
Ion Ratio	Lower	Upper	
101	100		
85	44.8	34.0	51.0
151	80.1	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 23.624 ug/l

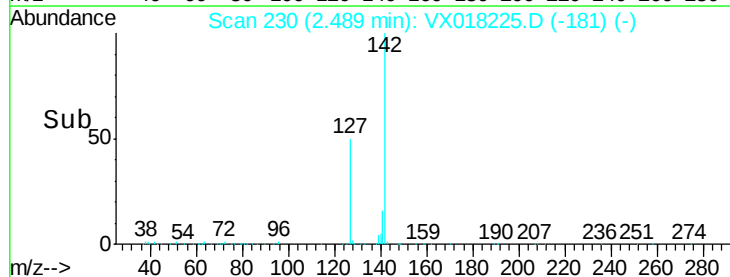
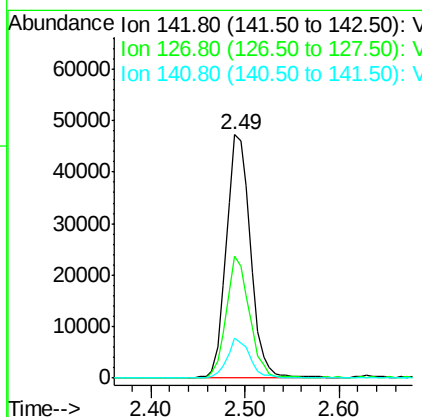
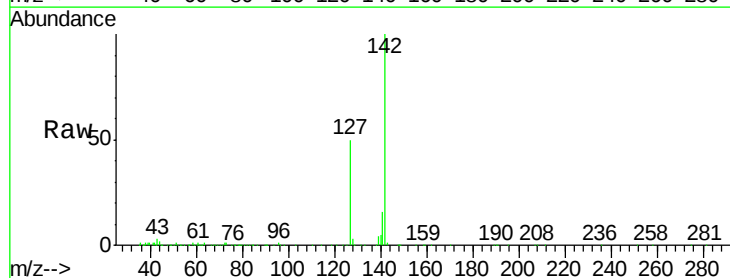
RT: 2.49 min Scan# 230

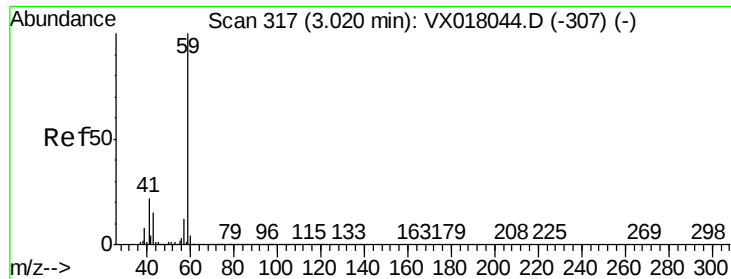
Delta R.T. 0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Tgt Ion:	142	Resp:	84326
Ion Ratio	Lower	Upper	
142	100		
127	48.2	37.0	55.6
141	15.2	11.5	17.3





#11

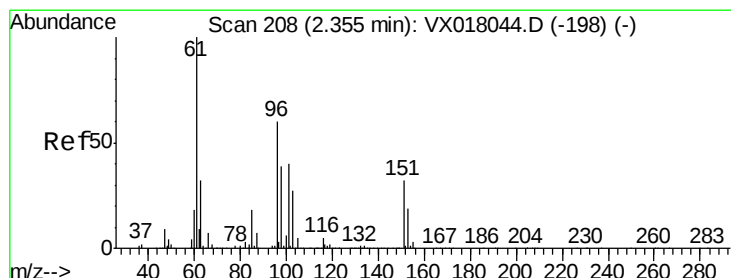
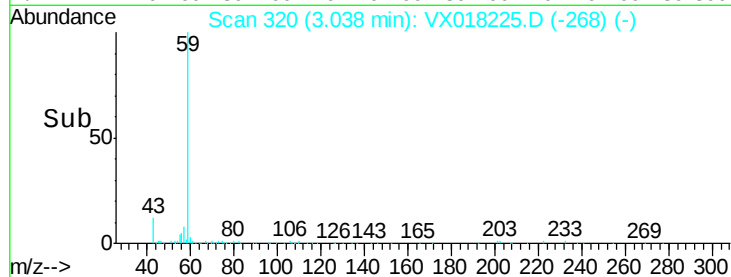
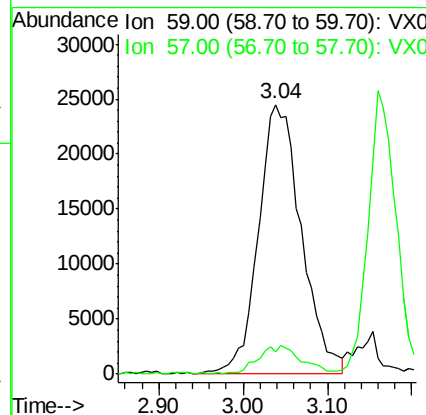
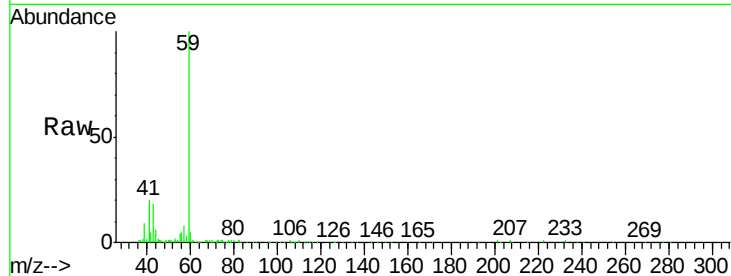
Tert butyl alcohol
Concen: 77.514 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.9	13.3

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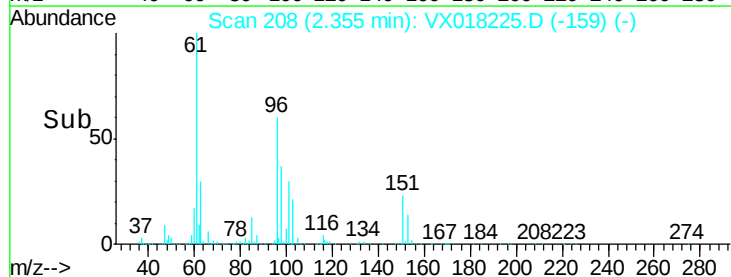
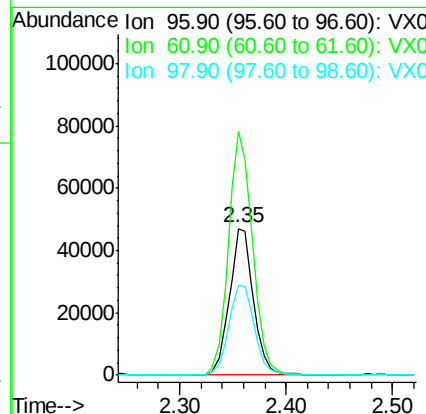
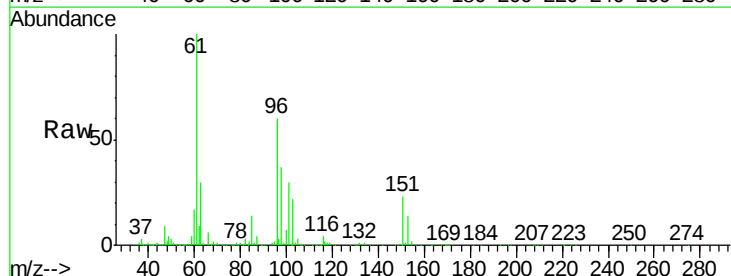
MMDadoda
9/4/2020 9:29:00 AM

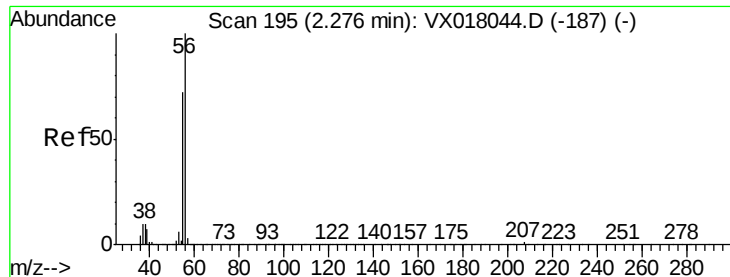


#12

1,1-Dichloroethene
Concen: 18.468 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.2	133.0	199.4
98	61.3	51.6	77.4





#13

Acrolein

Concen: 37.221 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBSD01

Tot Ion: 56 Resp: 16999

Ion Ratio Lower Upper

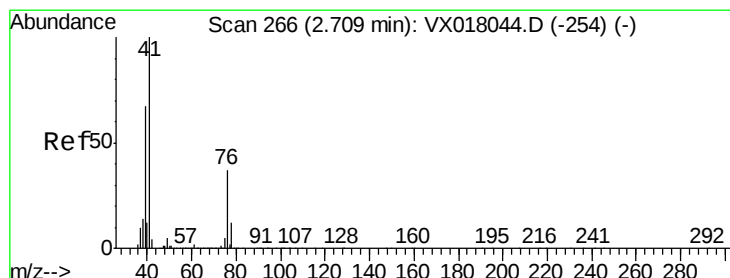
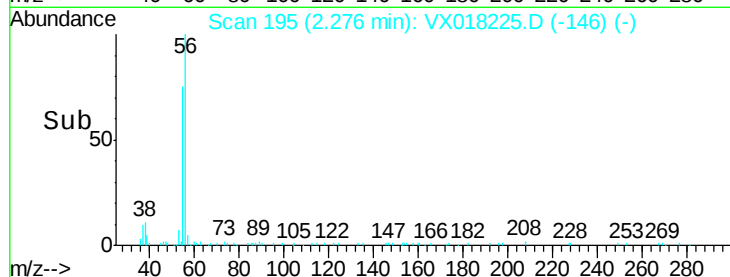
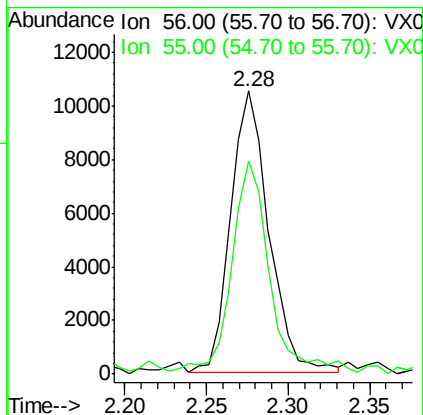
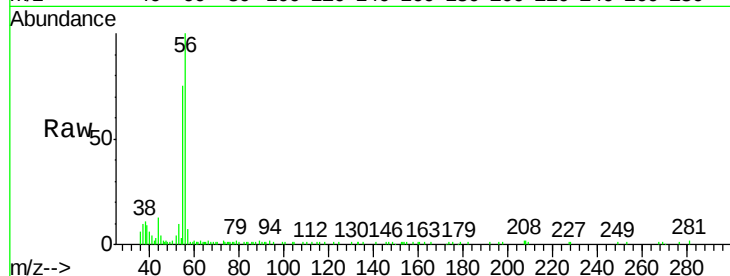
56 100

55 74.4 57.0 85.6

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#14

Allyl chloride

Concen: 18.266 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

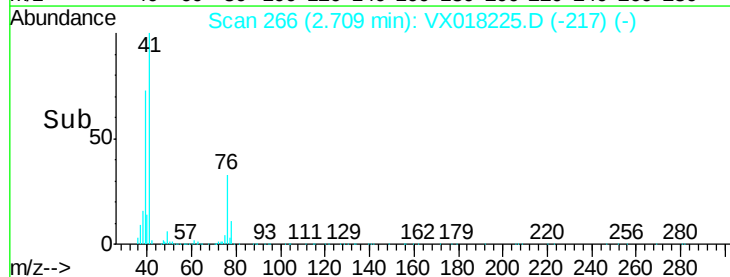
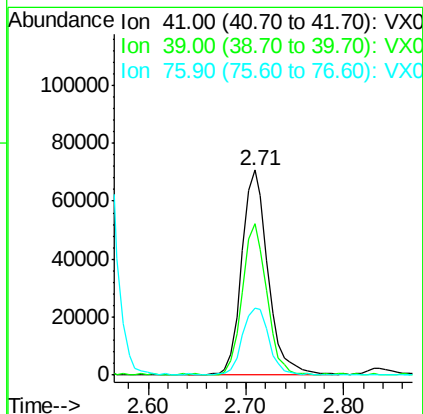
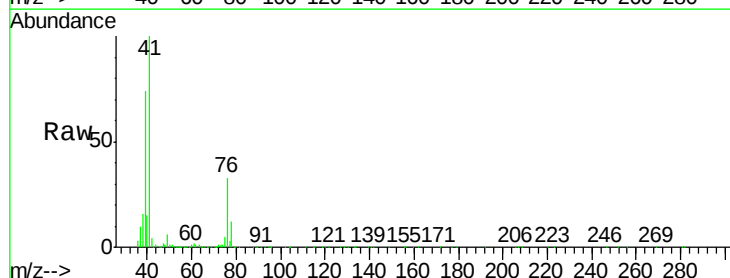
Tgt Ion: 41 Resp: 130861

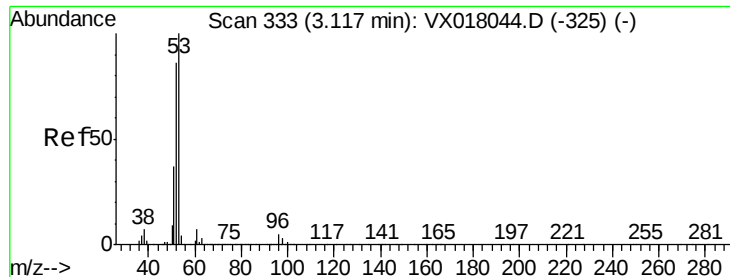
Ion Ratio Lower Upper

41 100

39 68.9 50.6 76.0

76 33.5 26.2 39.2





#15

Acrylonitrile

Concen: 86.599 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

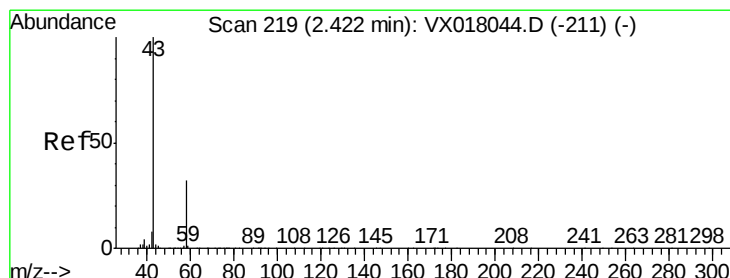
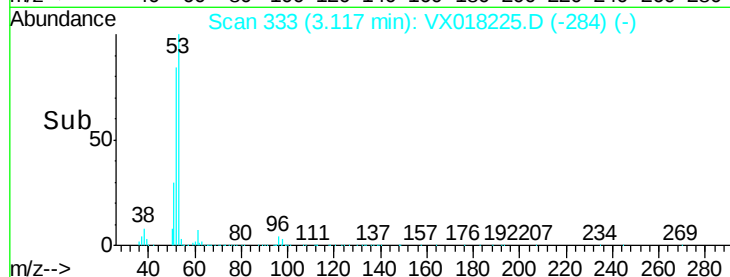
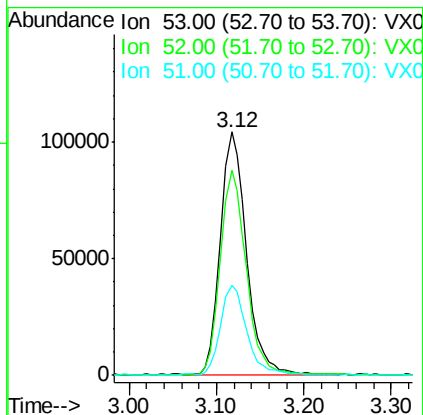
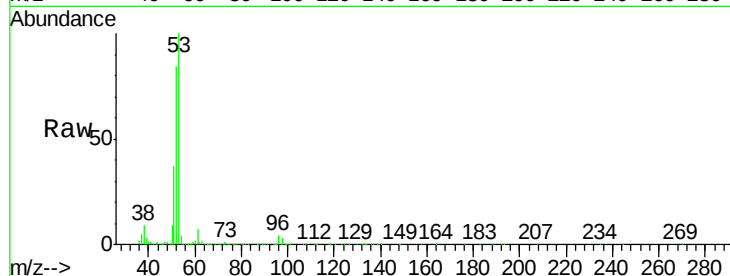
ClientSampleId :

VX0903WBSD01

Tot Ion:	53	Resp:	216365
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.9	100.3
51	37.1	28.7	43.1

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#16

Acetone

Concen: 86.615 ug/l

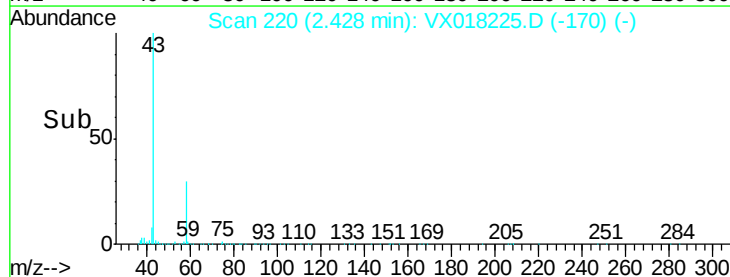
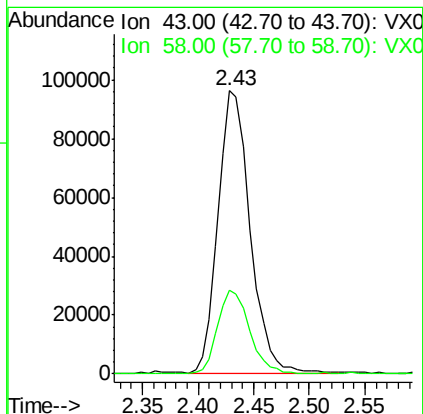
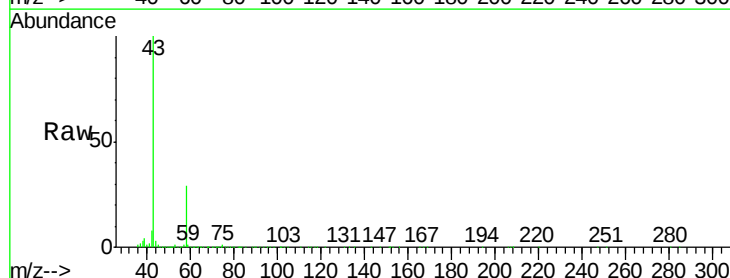
RT: 2.43 min Scan# 220

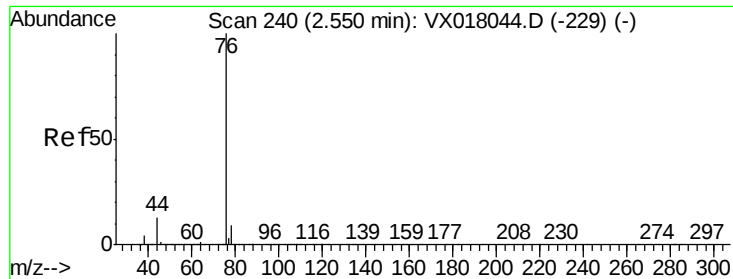
Delta R.T. 0.01 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Tgt Ion:	43	Resp:	191187
Ion	Ratio	Lower	Upper
43	100		
58	29.3	25.5	38.3





#17

Carbon Disulfide

Concen: 17.519 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBSD01

Tot Ion: 76 Resp: 211183

Ion Ratio Lower Upper

76 100

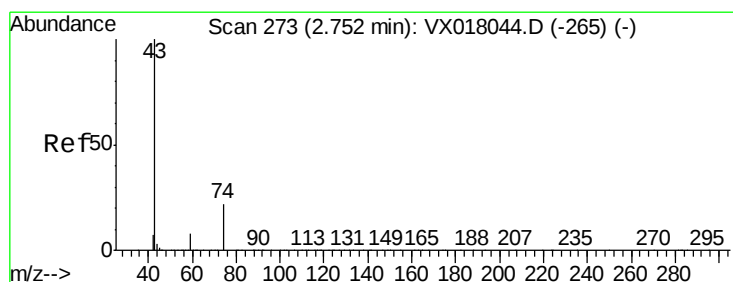
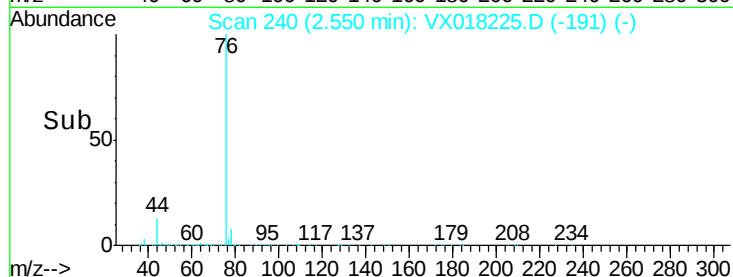
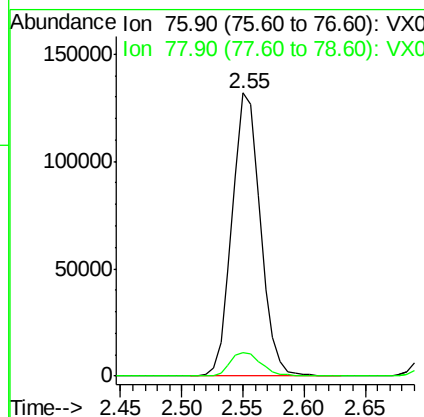
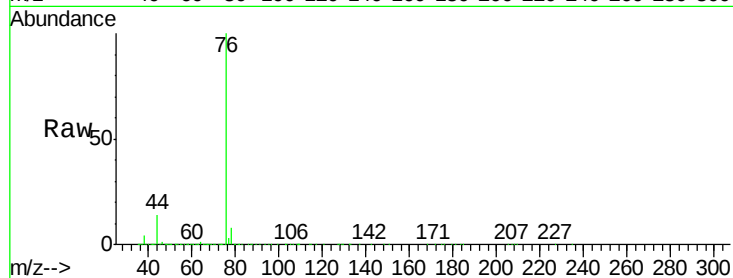
78 8.1 7.4 11.0

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#18

Methyl Acetate

Concen: 21.375 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018225.D

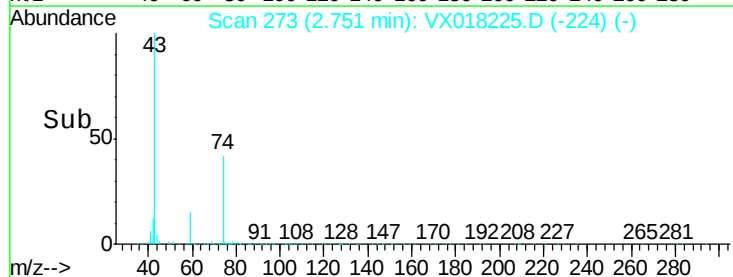
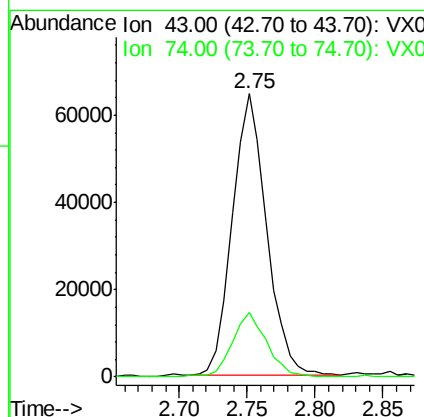
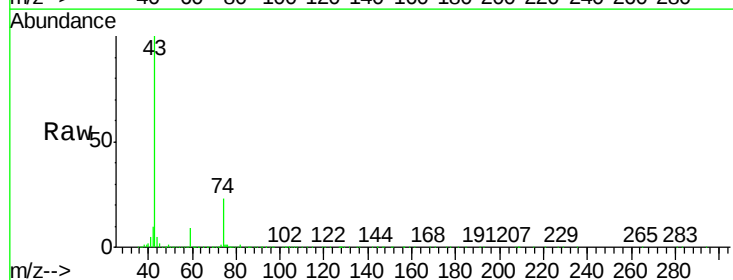
Acq: 03 Sep 2020 11:36

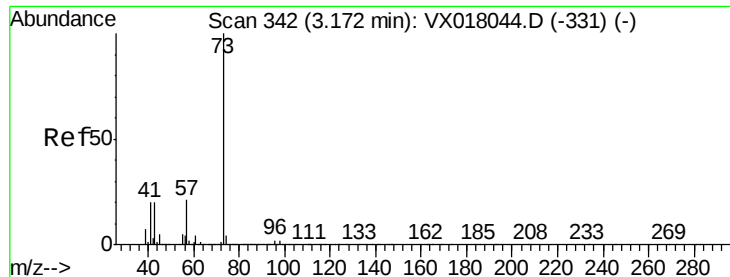
Tgt Ion: 43 Resp: 113856

Ion Ratio Lower Upper

43 100

74 23.5 18.2 27.4





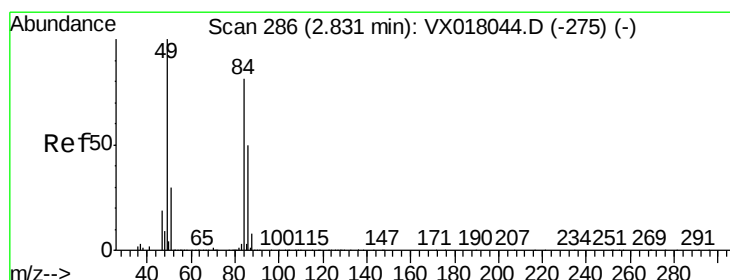
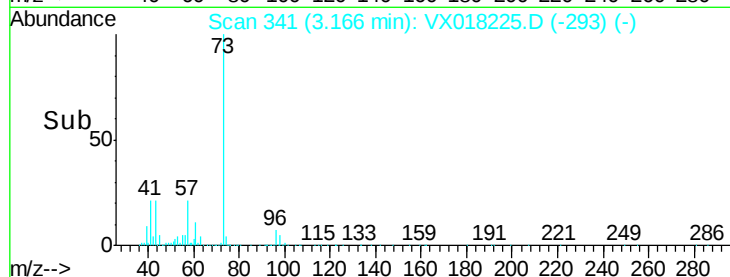
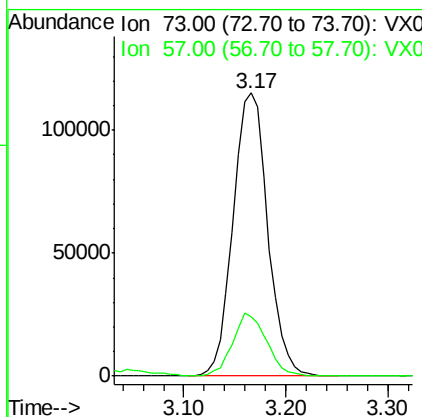
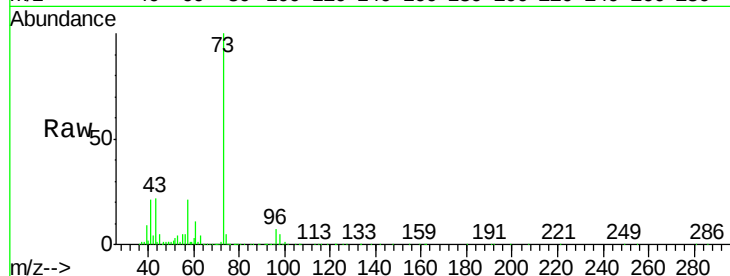
#19
Methvl tert-butvl Ether
Concen: 19.750 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	16.8	25.2

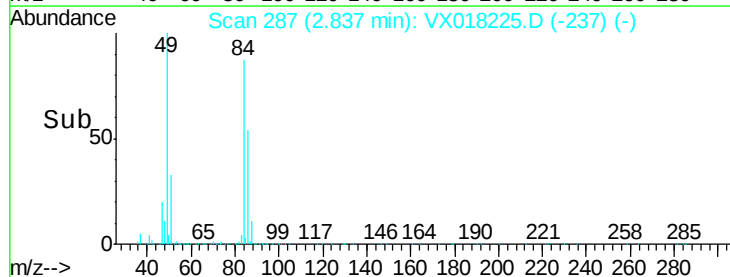
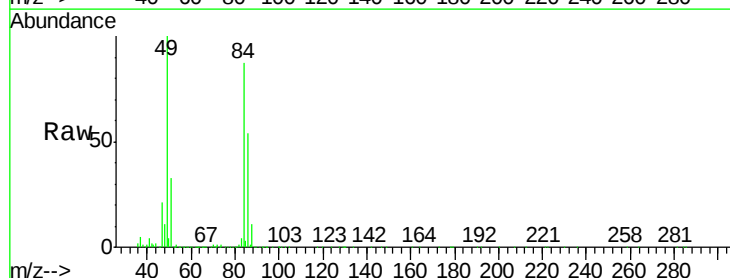
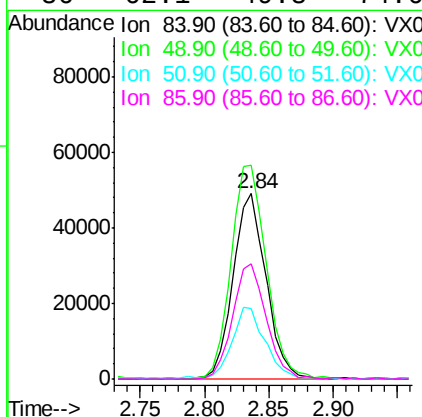
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#20
Methylene Chloride
Concen: 18.552 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.4	98.6	148.0
51	37.5	29.6	44.4
86	62.1	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 18.403 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

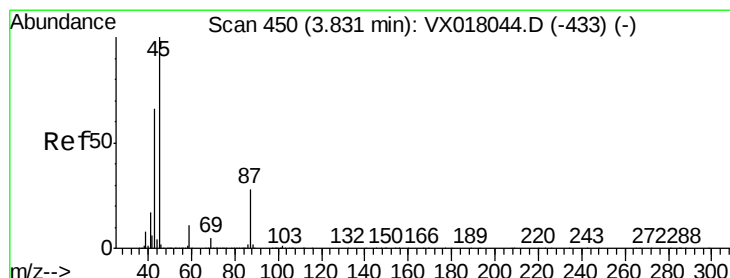
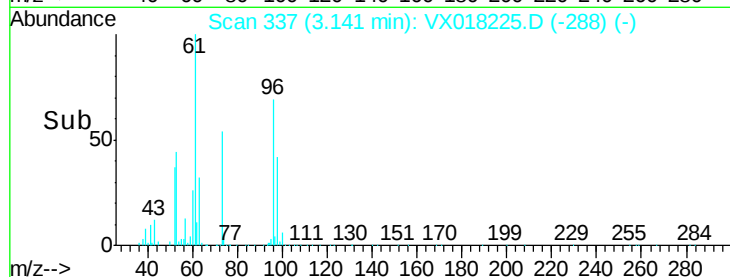
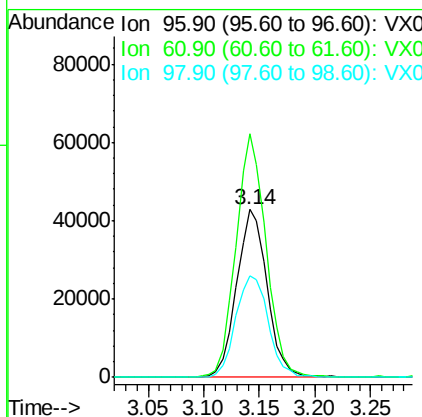
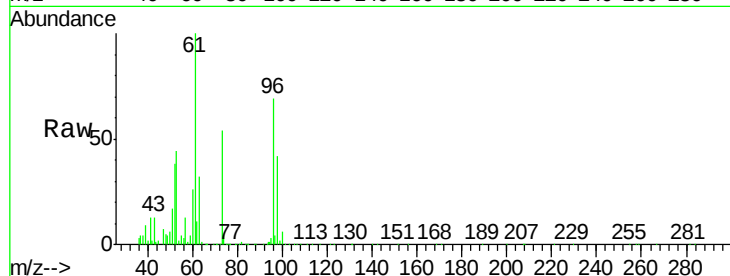
ClientSampleId :

VX0903WBSD01

Tot Ion:	96	Resp:	81303
Ion	Ratio	Lower	Upper
96	100		
61	145.2	115.4	173.0
98	60.4	51.1	76.7

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#22

Diisopropyl ether

Concen: 19.192 ug/l

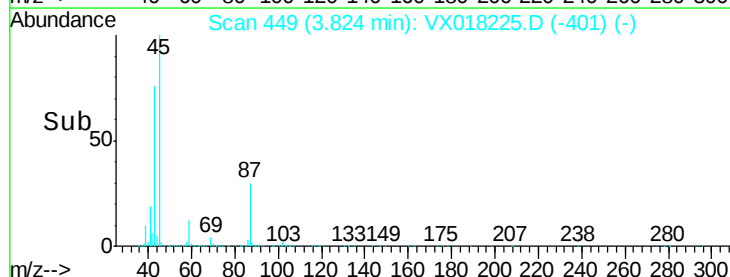
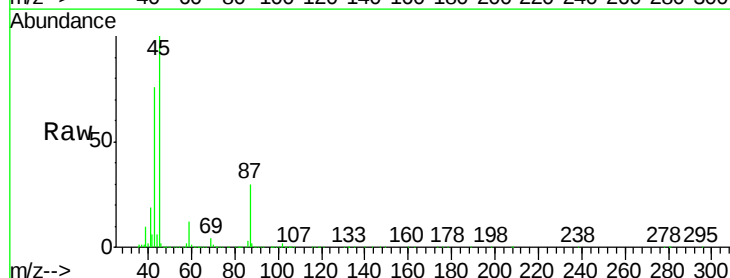
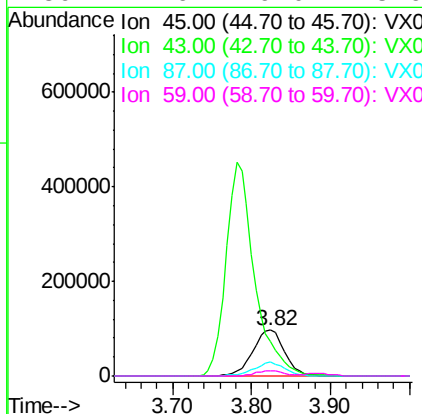
RT: 3.82 min Scan# 449

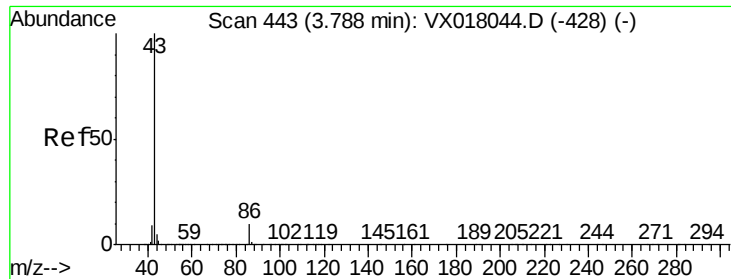
Delta R.T. -0.01 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Tgt Ion:	45	Resp:	271372
Ion	Ratio	Lower	Upper
45	100		
43	76.0	52.8	79.2
87	30.2	22.5	33.7
59	11.6	9.0	13.6





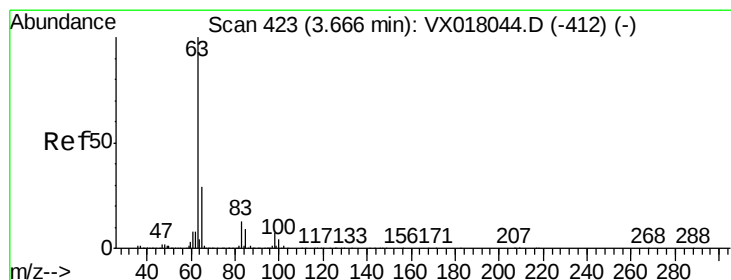
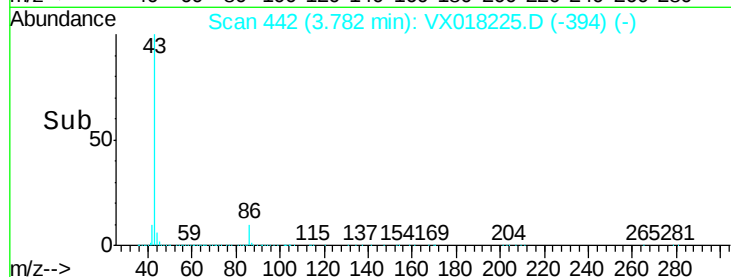
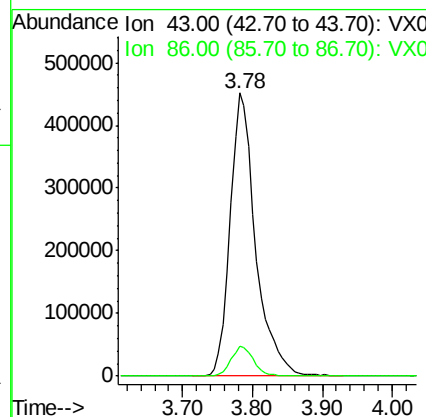
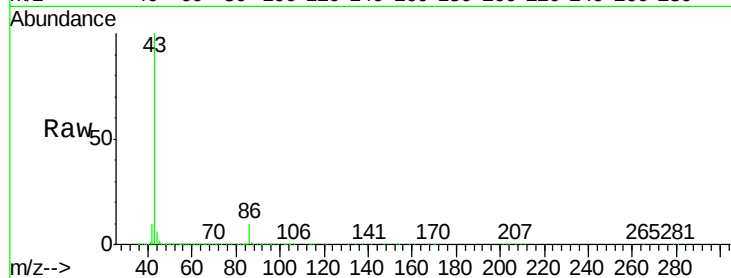
#23
 Vinyl Acetate
 Concen: 90.759 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0903WBSD01

Tot Ion: 43 Resp: 1141925
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.9 11.9

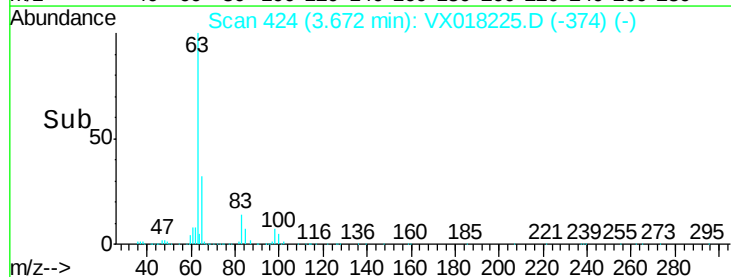
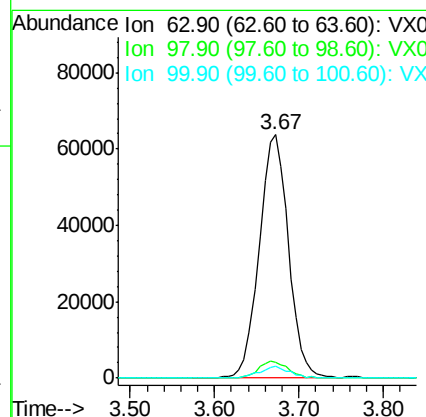
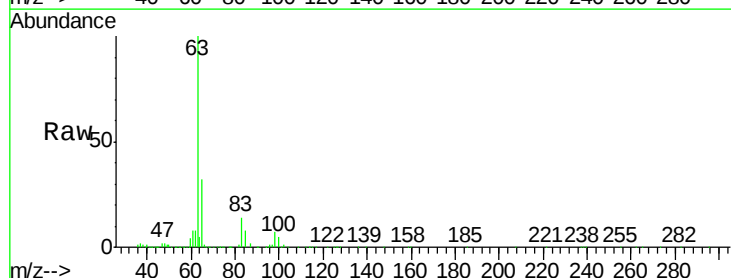
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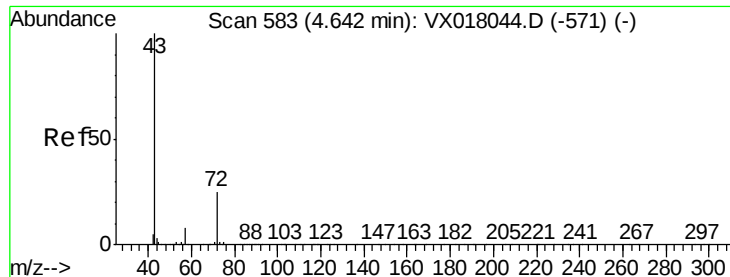
MMDadoda
 9/4/2020 9:29:00 AM



#24
 1,1-Dichloroethane
 Concen: 18.982 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Tgt Ion: 63 Resp: 152790
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 5.0 2.0 6.0





#25

2-Butanone

Concen: 81.921 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Tot Ion: 43 Resp: 297181

Ion Ratio Lower Upper

43 100

72 24.6 19.8 29.6

Instrument :

MSVOA_X

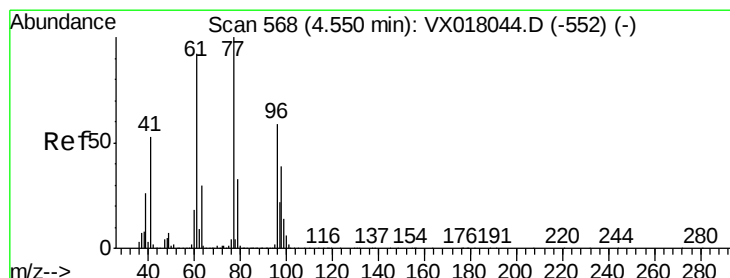
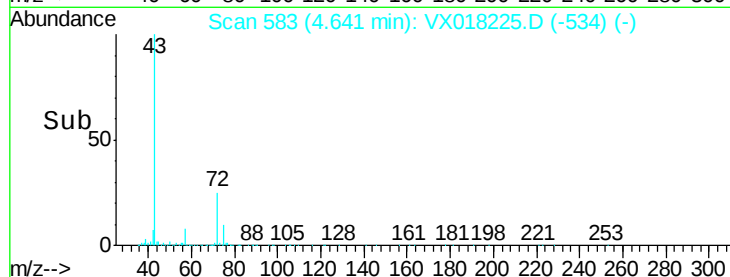
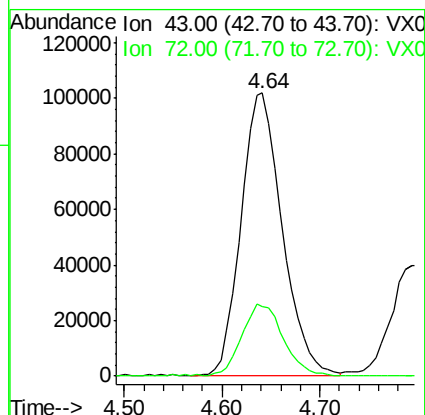
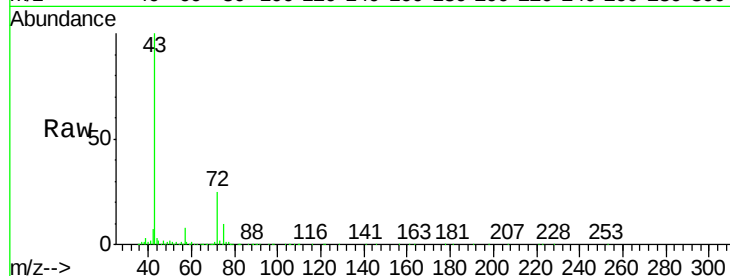
ClientSampleId :

VX0903WBSD01

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 21.092 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018225.D

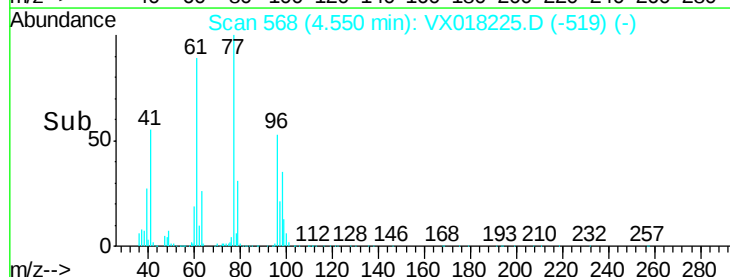
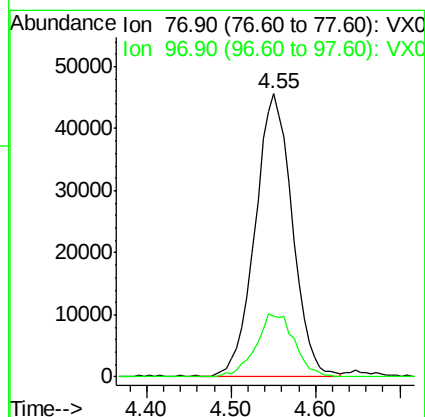
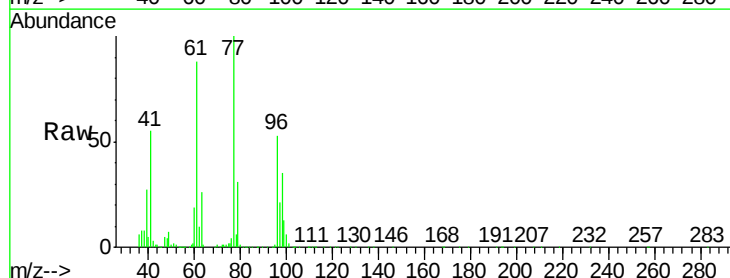
Acq: 03 Sep 2020 11:36

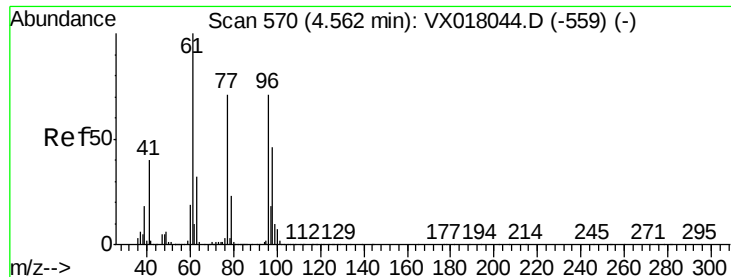
Tgt Ion: 77 Resp: 138132

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.5





#27

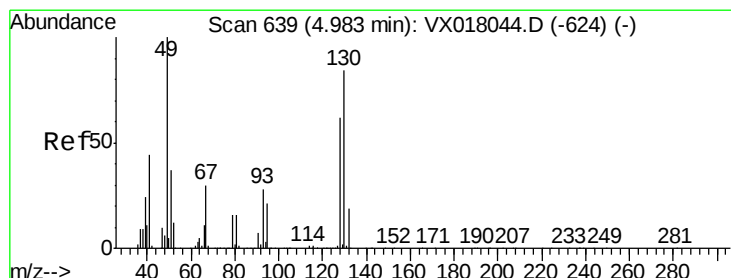
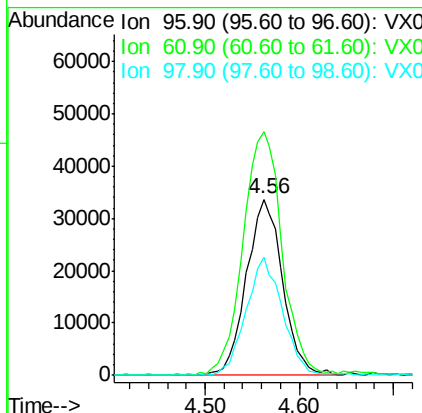
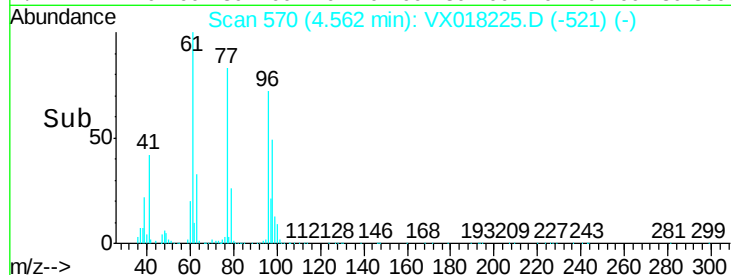
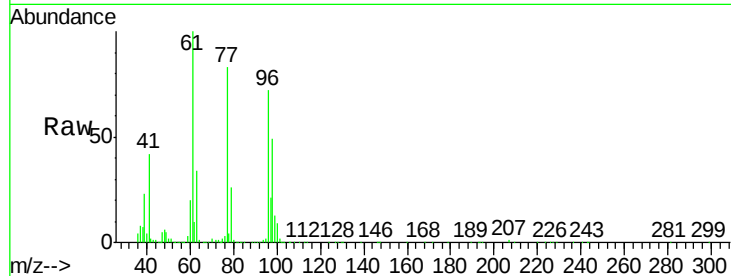
cis-1,2-Dichloroethene
Concen: 17.791 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	147.4	0.0	296.6	
98	67.1	0.0	130.2	

Manual Integrations
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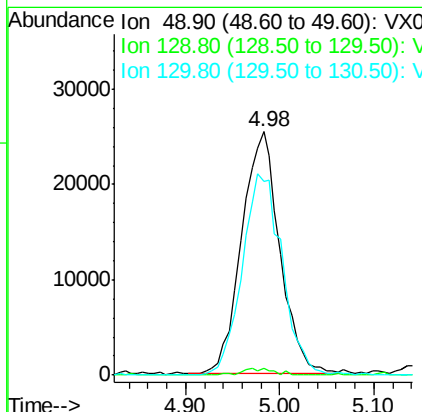
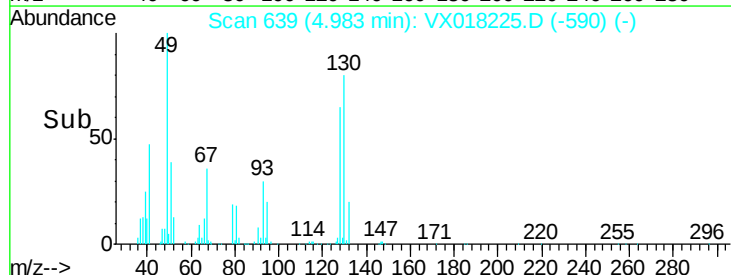
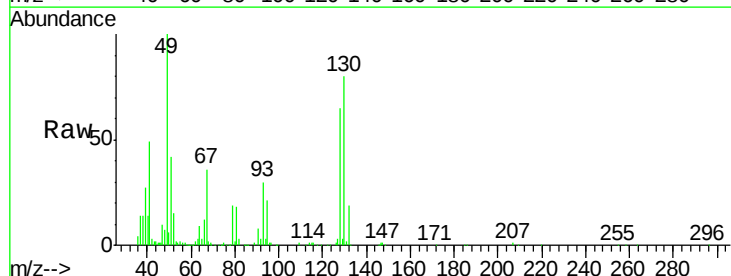
MMDadoda
9/4/2020 9:29:00 AM



#28

Bromochloromethane
Concen: 18.454 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	4.6	
130	87.3	64.6	96.8	





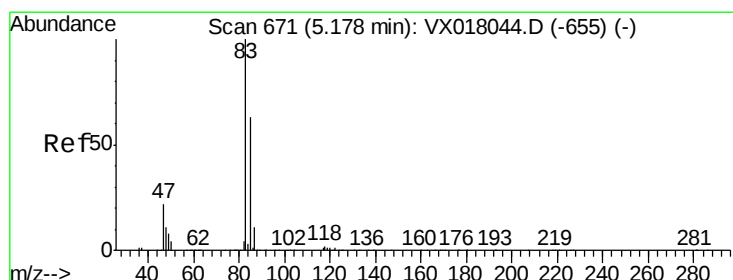
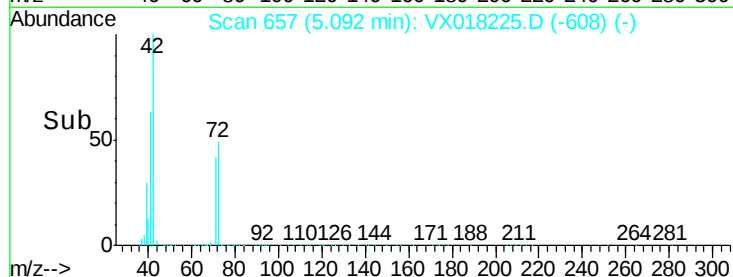
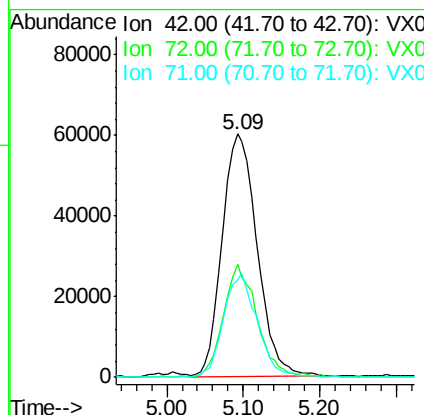
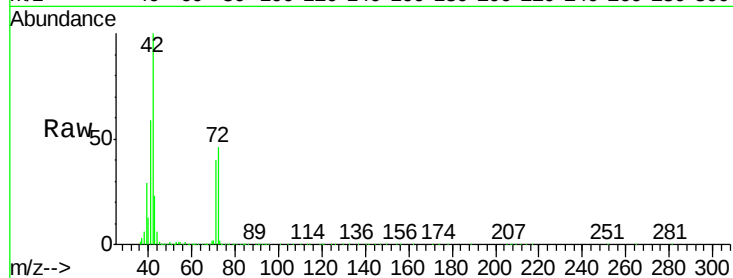
#29
Tetrahydrofuran
Concen: 82.403 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
42	100	190293		
72	45.3		34.2	51.4
71	41.2		32.1	48.1

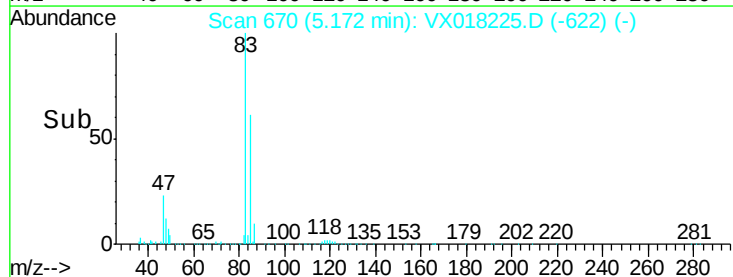
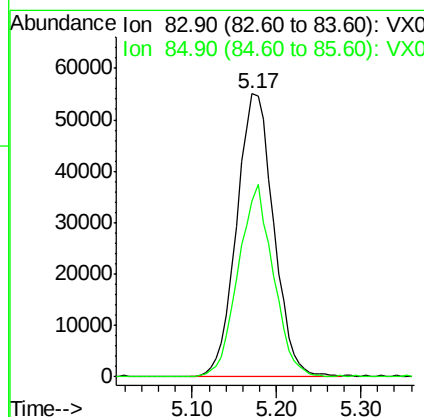
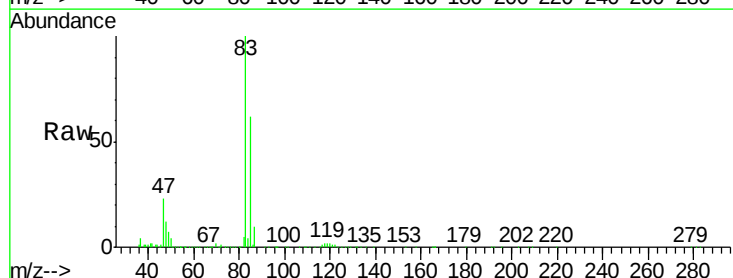
Manual Integrations
APPROVED

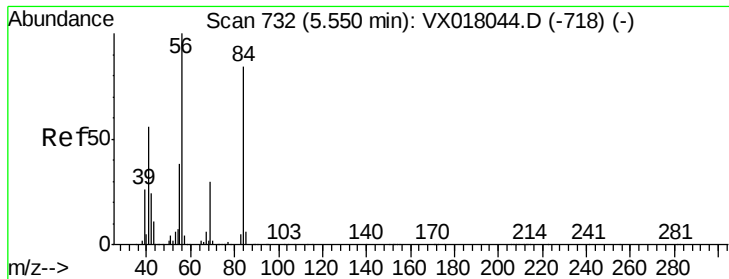
MMDadoda
9/4/2020 9:29:00 AM



#30
Chloroform
Concen: 19.662 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	163875		
85	62.3		50.7	76.1





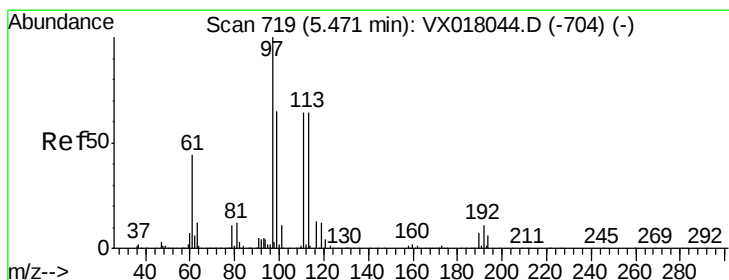
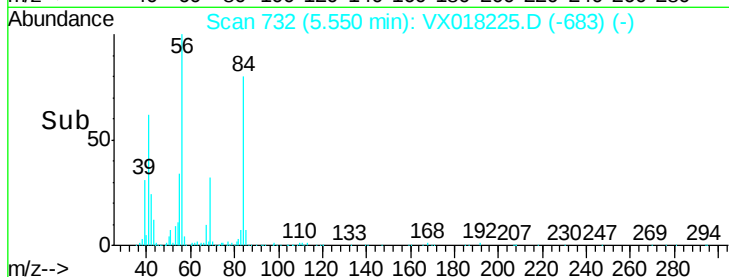
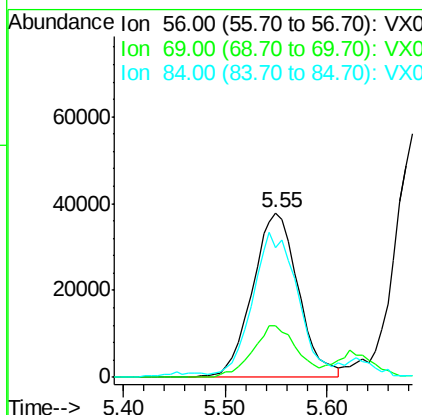
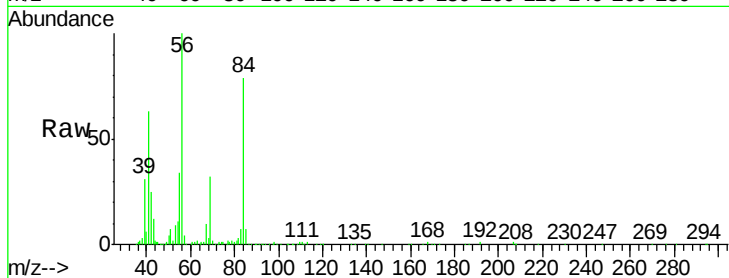
#31
Cyclohexane
Concen: 17.222 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampled :
VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	23.9	35.9
84	76.9	67.0	100.4

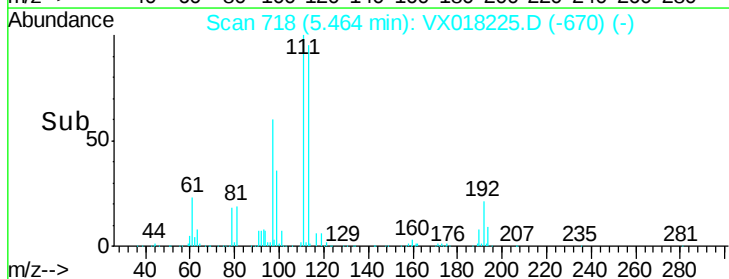
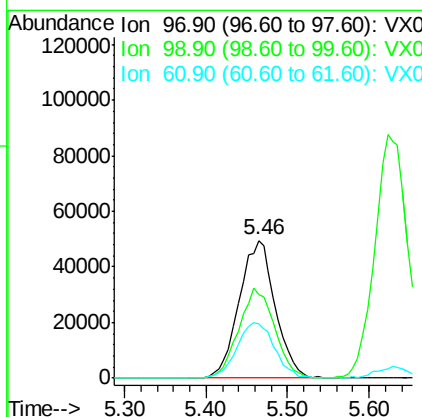
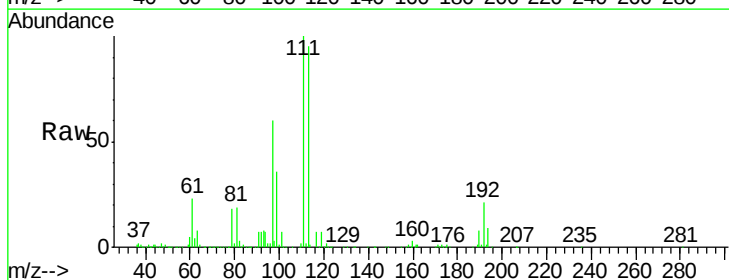
Manual Integrations
APPROVED

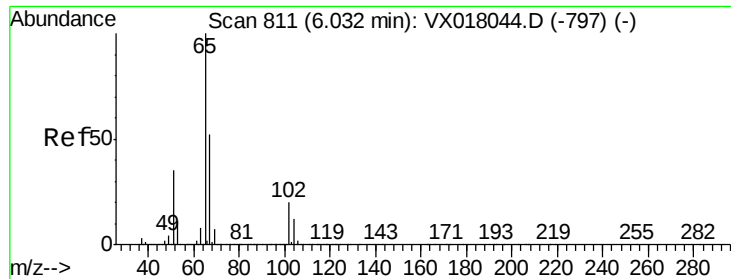
MMDadoda
9/4/2020 9:29:00 AM



#32
1,1,1-Trichloroethane
Concen: 19.779 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.4	77.0
61	42.0	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 53.241 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBSD01

Tot Ion: 65 Resp: 301593

Ion Ratio Lower Upper

65 100

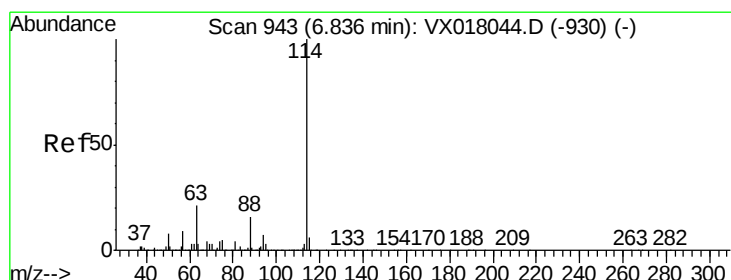
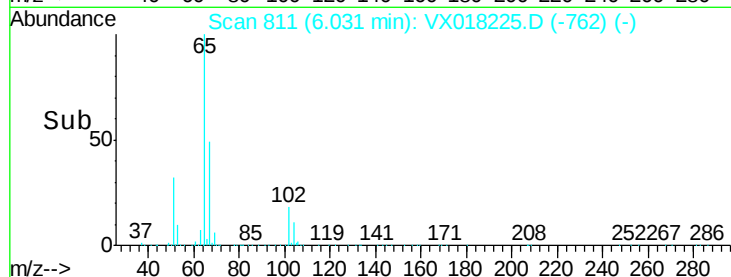
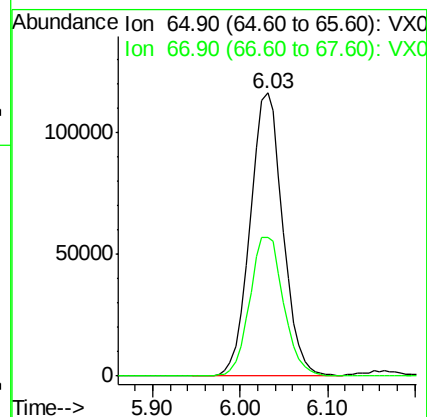
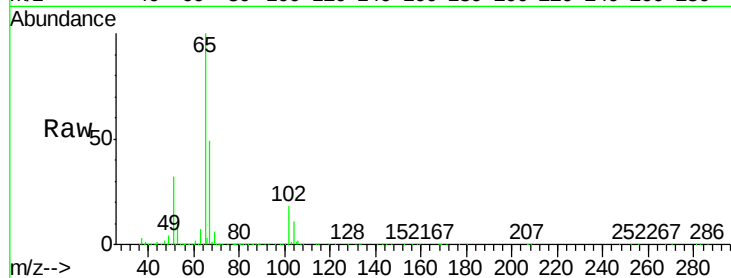
67 51.1 0.0 105.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

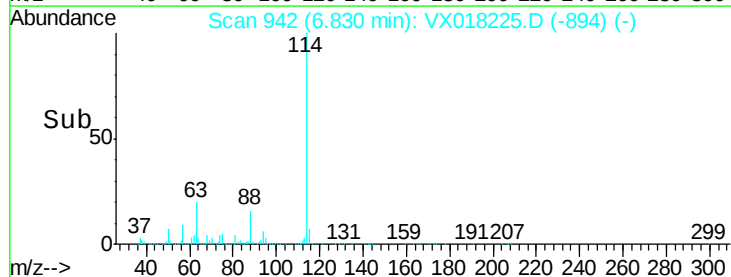
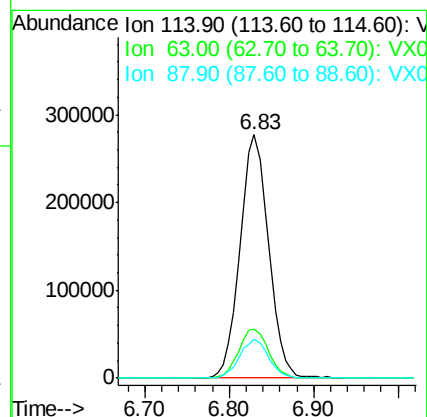
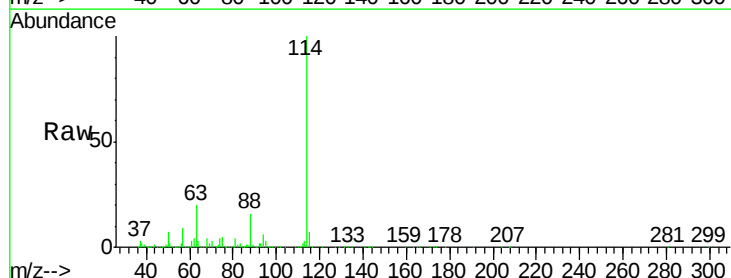
Tgt Ion: 114 Resp: 633295

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.007 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

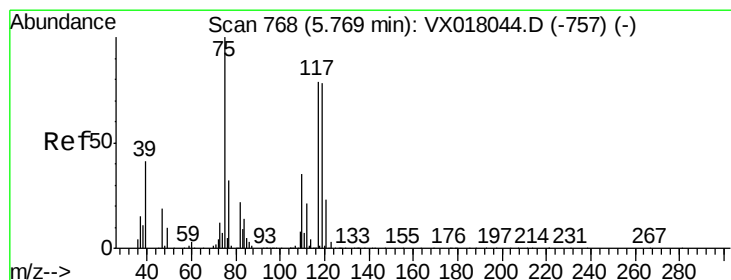
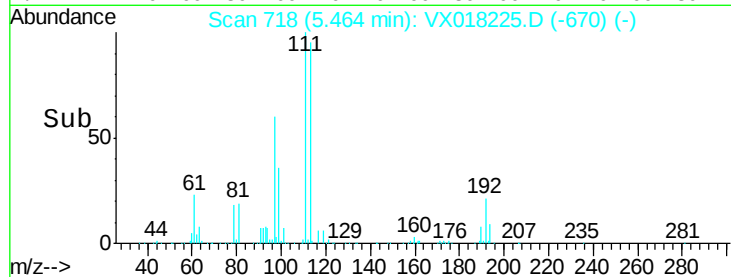
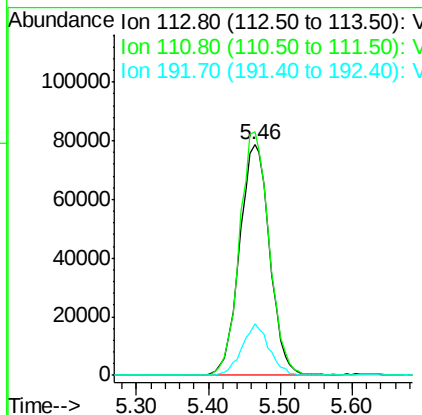
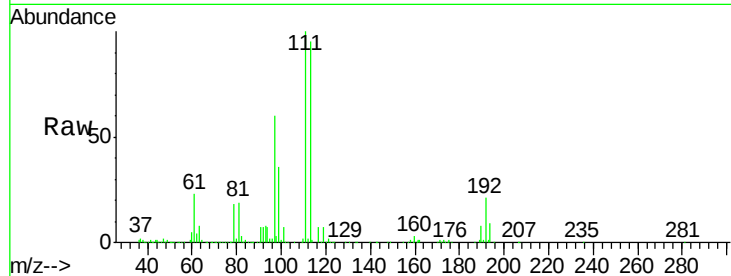
ClientSampleId :

VX0903WBSD01

Tot Ion:	113	Resp:	228622
Ion Ratio	Lower	Upper	
113	100		
111	104.0	81.6	122.4
192	20.1	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.652 ug/l

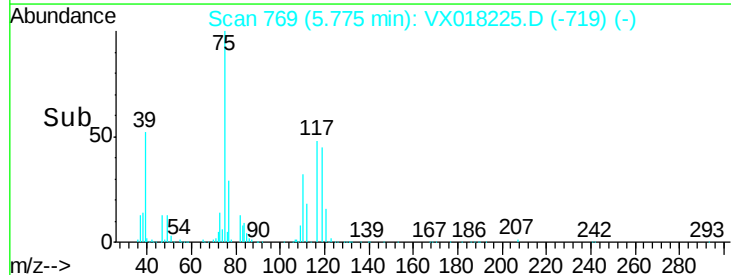
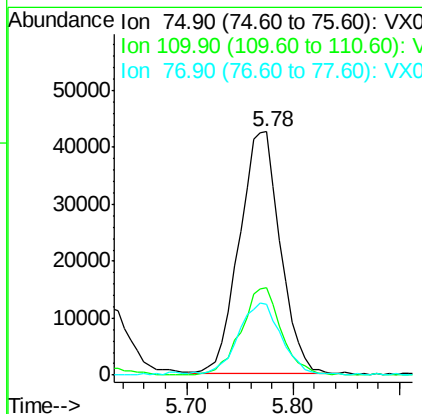
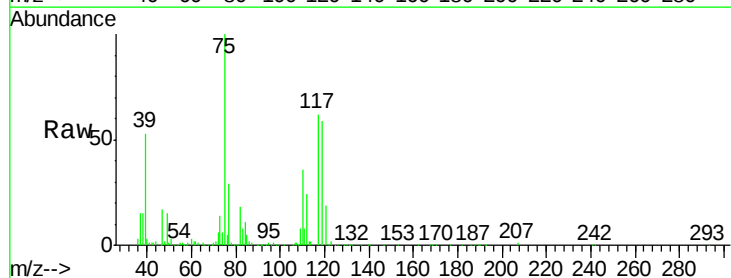
RT: 5.78 min Scan# 769

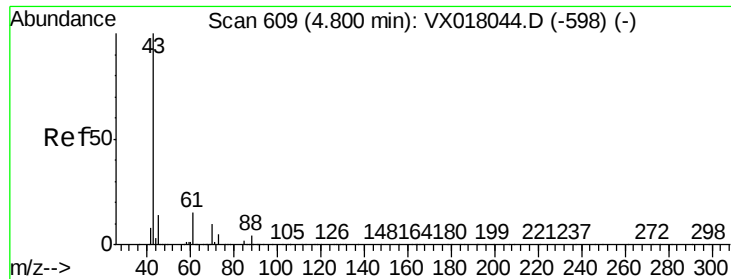
Delta R.T. 0.01 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Tgt Ion:	75	Resp:	114790
Ion Ratio	Lower	Upper	
75	100		
110	35.6	18.0	54.0
77	30.9	24.4	36.6





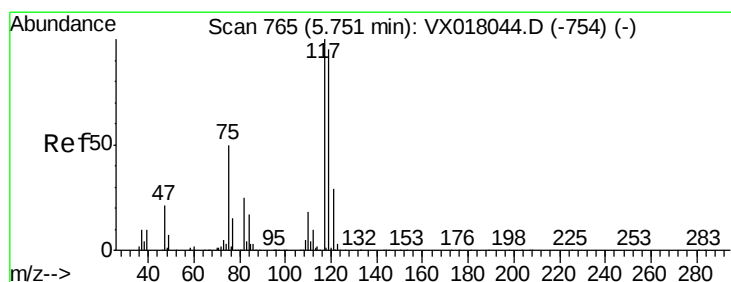
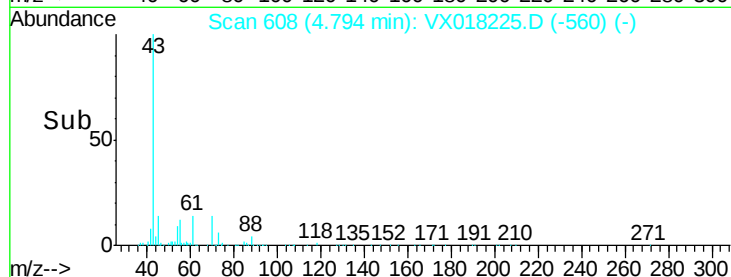
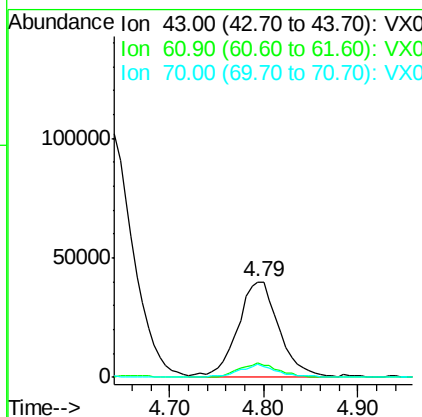
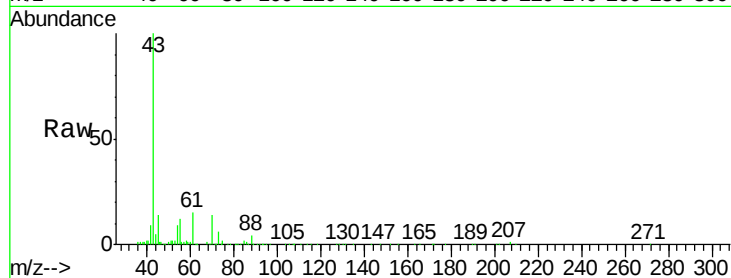
#37
Ethyl Acetate
Concen: 17.609 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.3	16.9
70	12.8	8.2	12.4

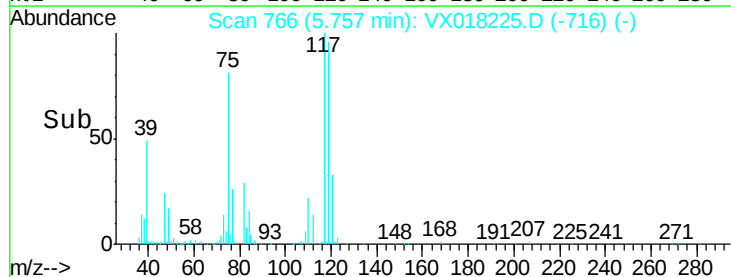
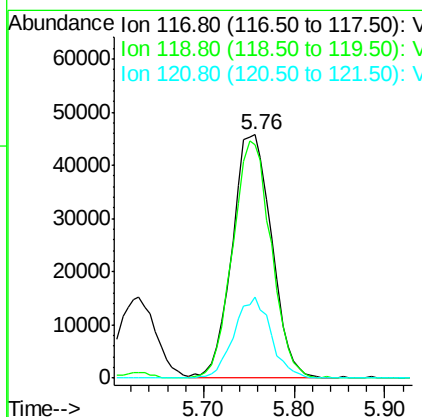
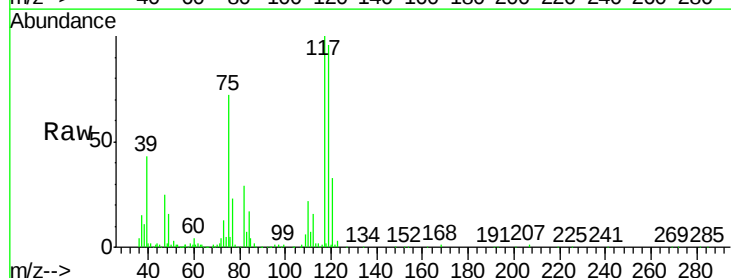
Manual Integrations
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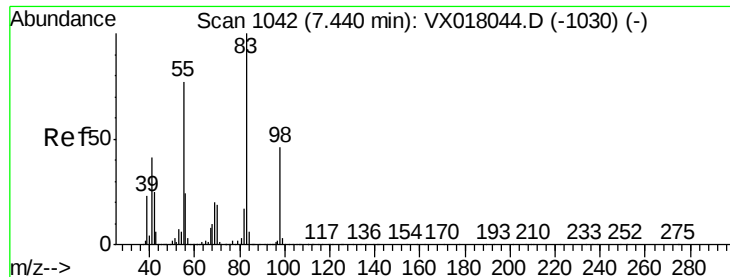
MMDadoda
9/4/2020 9:29:00 AM



#38
Carbon Tetrachloride
Concen: 20.964 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.6
121	33.5	23.4	35.0





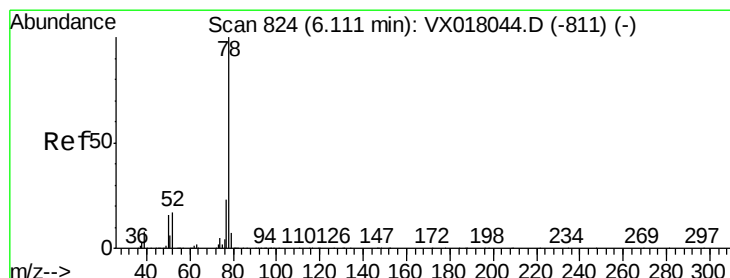
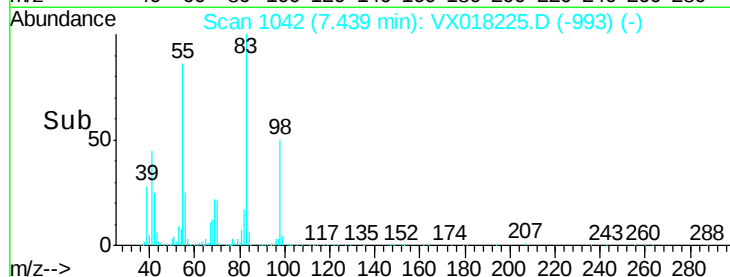
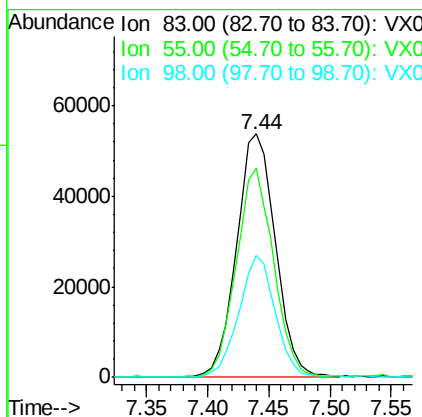
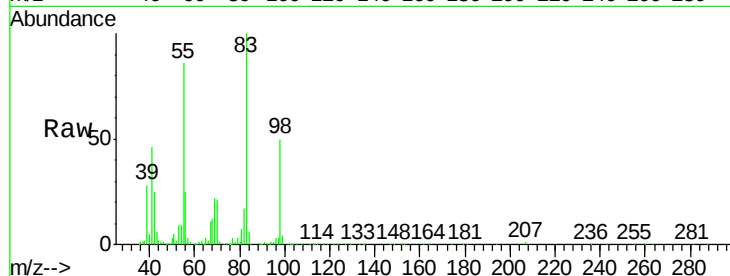
#39
Methvlcvclohexane
Concen: 18.566 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	118585		
55	85.5	61.8	92.6	
98	50.1	36.6	55.0	

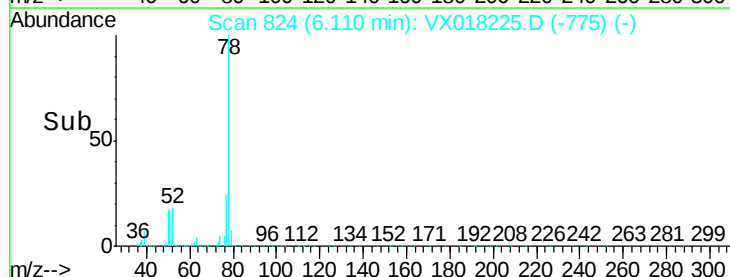
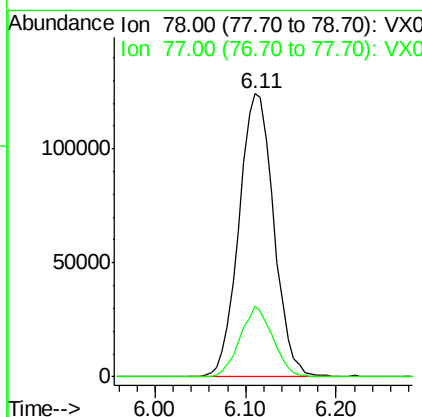
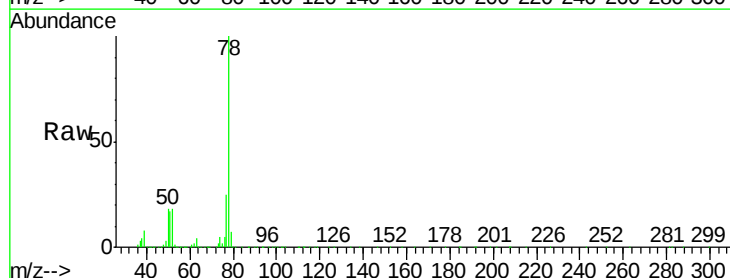
Manual Integrations
APPROVED

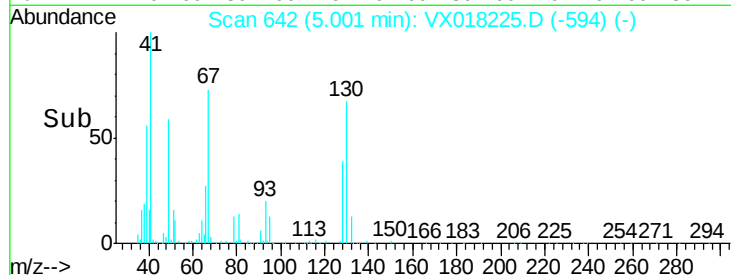
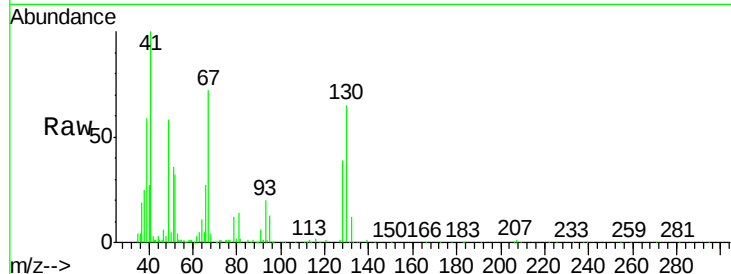
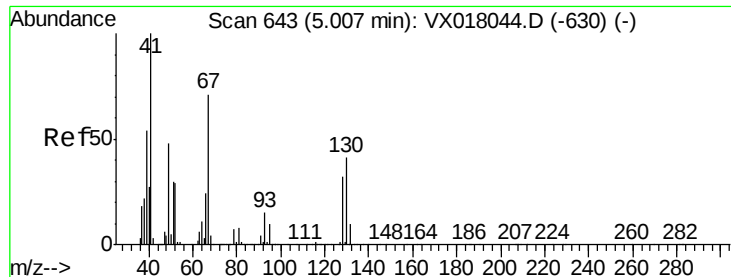
MMDadoda
9/4/2020 9:29:00 AM



#40
Benzene
Concen: 19.170 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

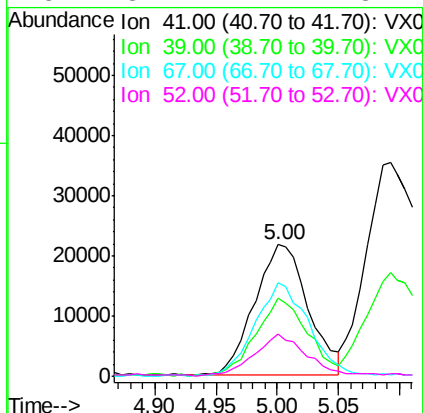
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	329026		
77	25.0	18.2	27.2	





#41
Methacrylonitrile
Concen: 17.568 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

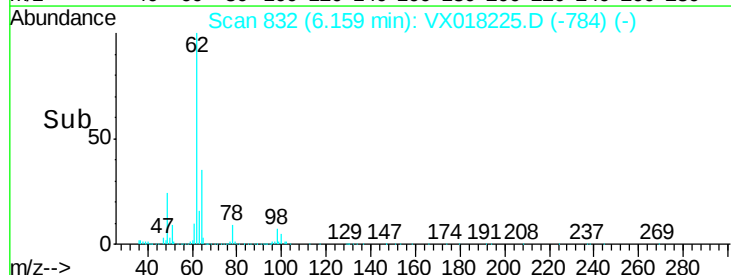
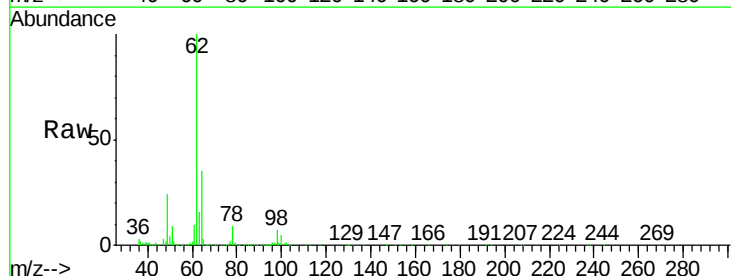
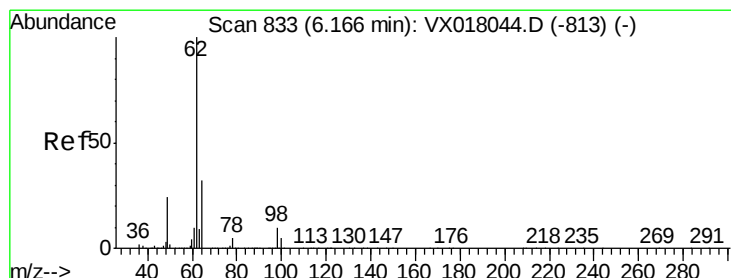
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.7	43.1	64.7	
67	71.7	56.0	84.0	
52	31.4	22.7	34.1	



Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

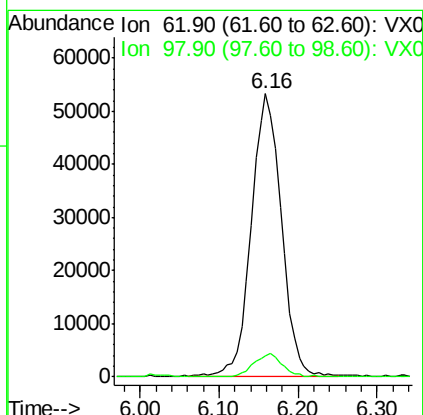
Manual Integrations
APPROVED

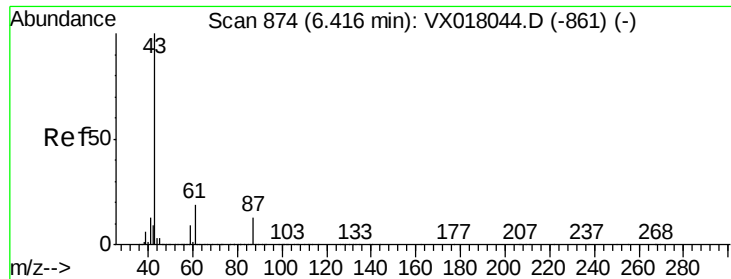
MMDadoda
9/4/2020 9:29:00 AM



#42
1,2-Dichloroethane
Concen: 21.421 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.9	0.0	18.2	





#43

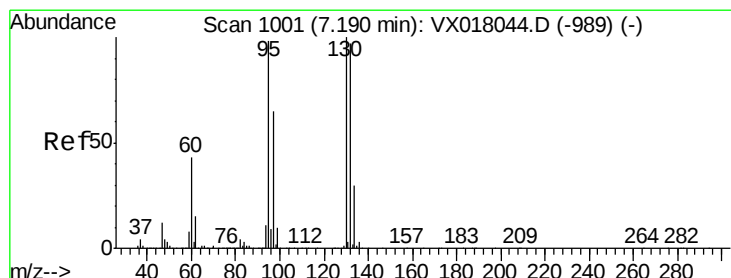
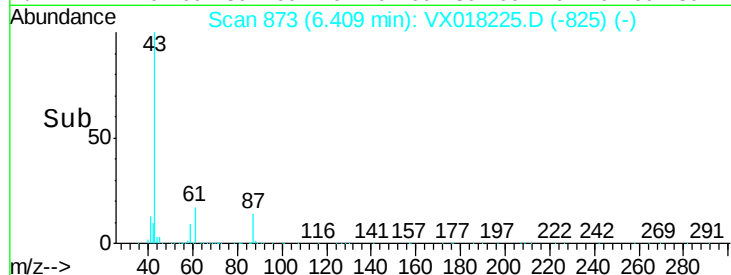
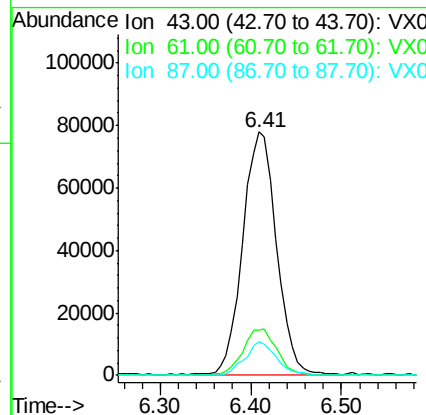
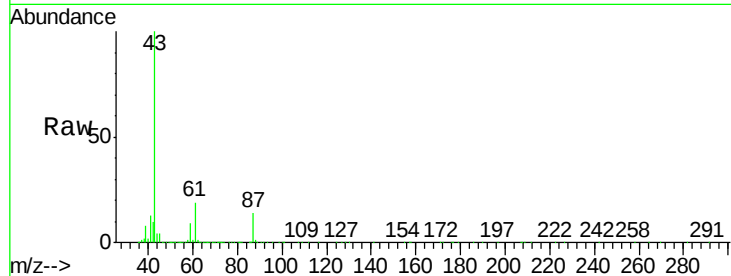
Isopropyl Acetate
 Concen: 18.130 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.7	23.5
87	13.2	10.3	15.5

Manual Integrations
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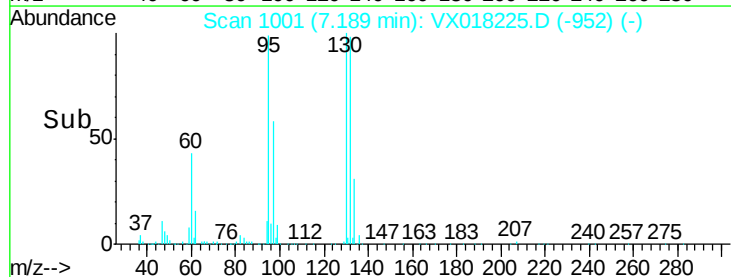
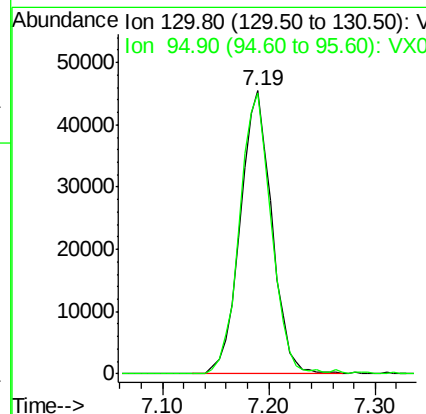
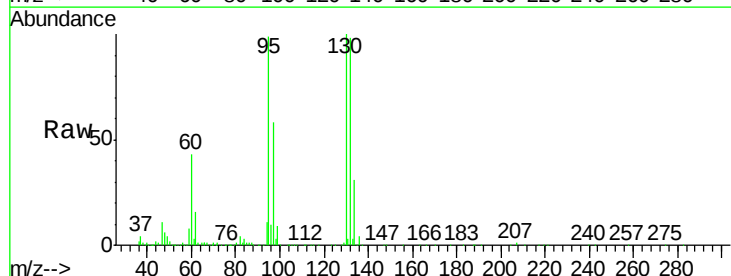
MMDadoda
 9/4/2020 9:29:00 AM

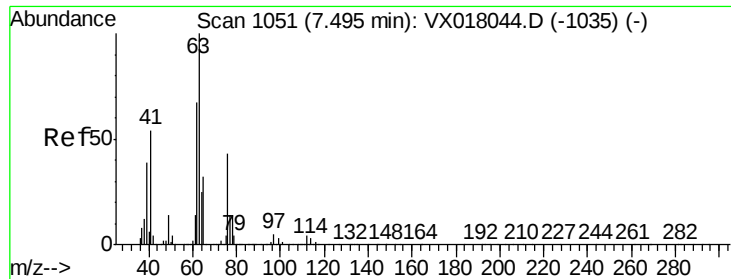


#44

Trichloroethene
 Concen: 19.536 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	196.4





#45

1,2-Dichloropropane

Concen: 18.861 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBSD01

Tot Ion: 63 Resp: 87247

Ion Ratio Lower Upper

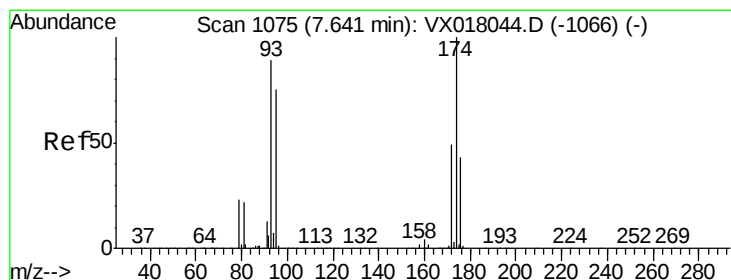
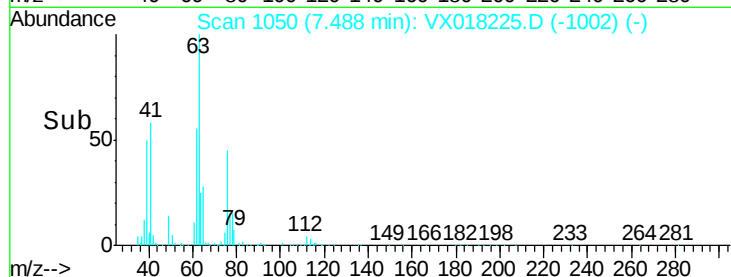
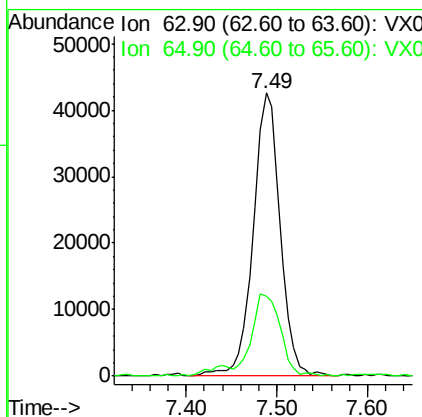
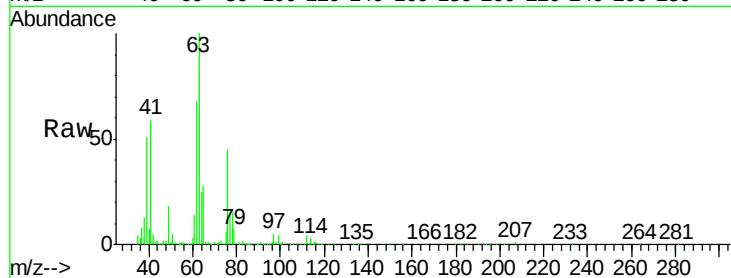
63 100

65 28.5 25.7 38.5

Manual Integrations
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9/4/2020 9:29:00 AM



#46

Dibromomethane

Concen: 19.889 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

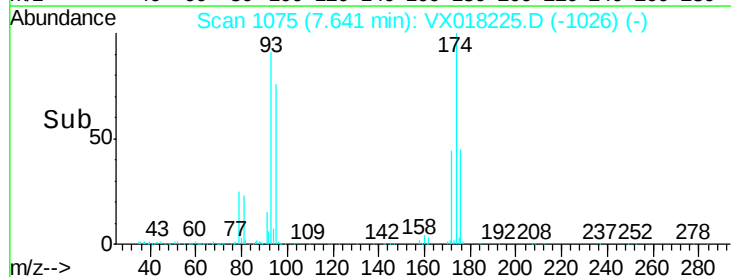
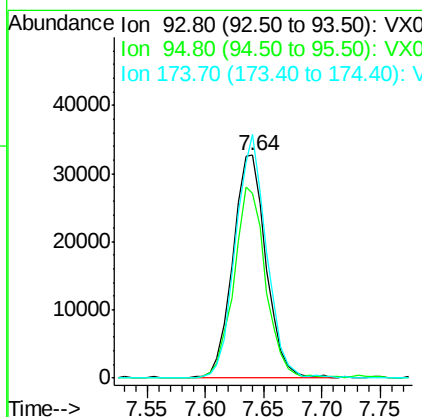
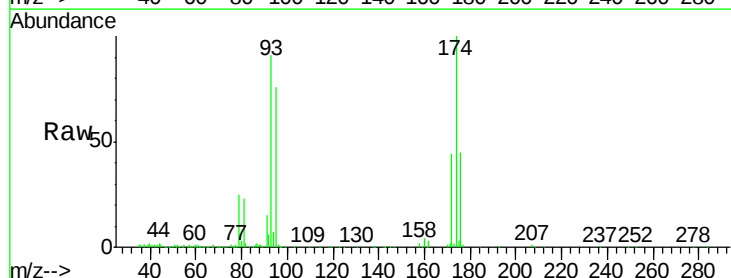
Tgt Ion: 93 Resp: 64698

Ion Ratio Lower Upper

93 100

95 82.8 67.3 100.9

174 101.9 82.2 123.2





#47

Bromodichloromethane

Concen: 20.255 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

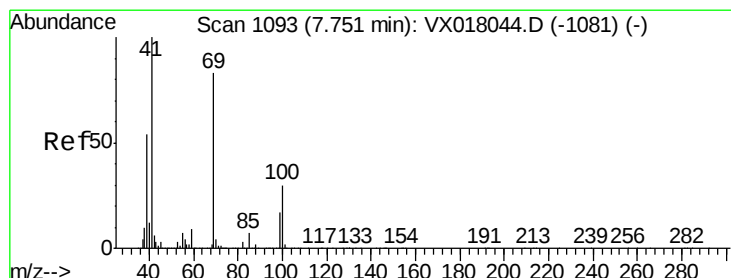
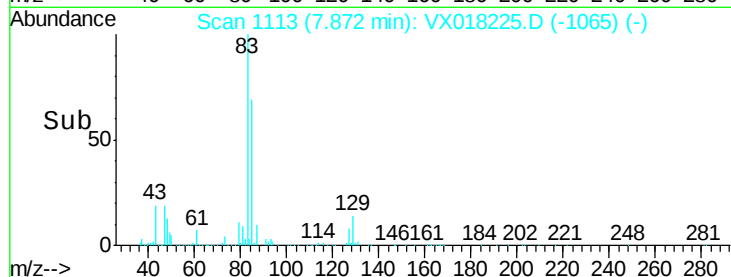
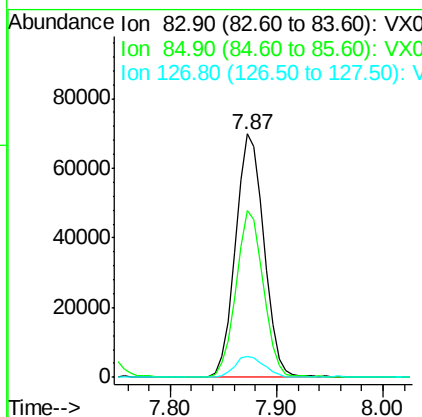
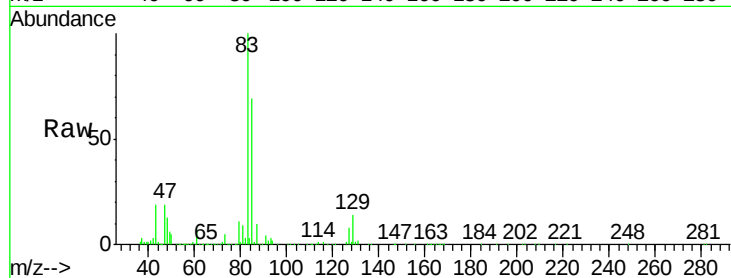
ClientSampleId :

VX0903WBSD01

Tot Ion:	83	Resp:	131564
Ion Ratio	Lower	Upper	
83	100		
85	68.4	51.8	77.6
127	8.3	7.7	11.5

Manual Integrations
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9/4/2020 9:29:00 AM



#48

Methyl methacrylate

Concen: 17.039 ug/l

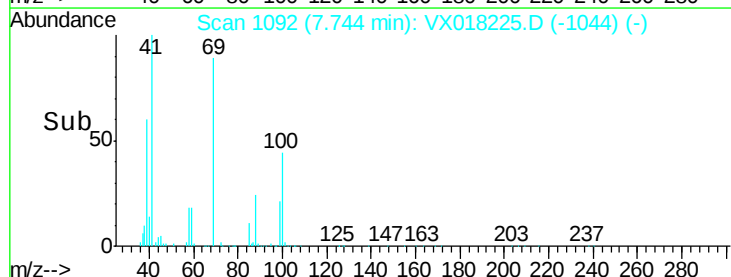
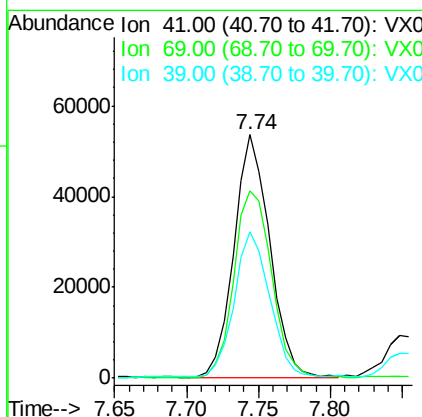
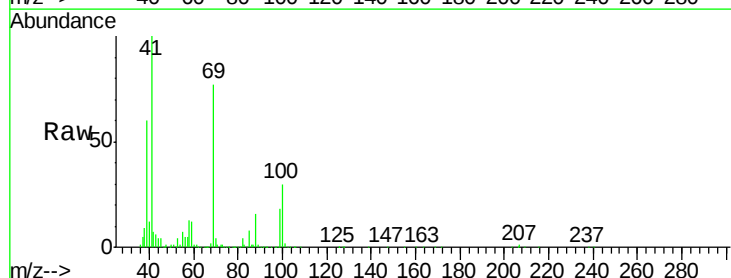
RT: 7.74 min Scan# 1092

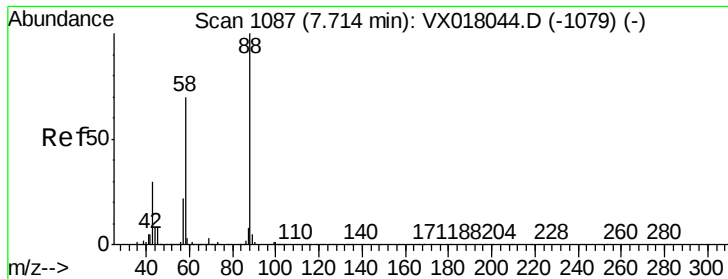
Delta R.T. -0.01 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Tgt Ion:	41	Resp:	92943
Ion Ratio	Lower	Upper	
41	100		
69	81.6	65.5	98.3
39	58.5	44.5	66.7





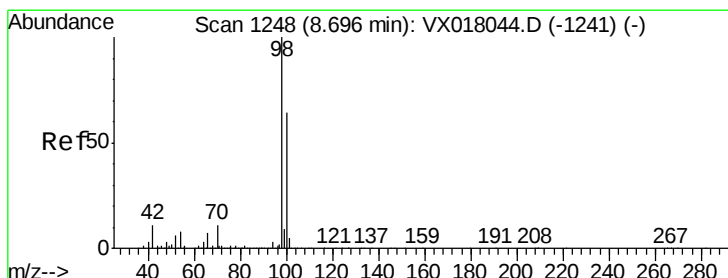
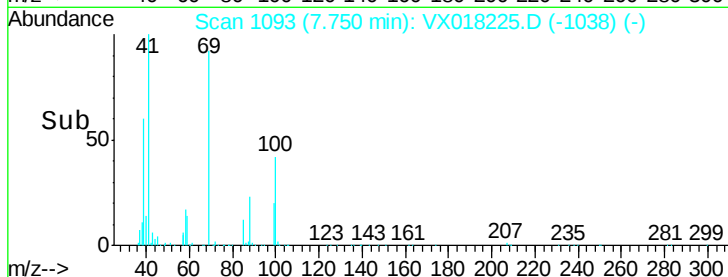
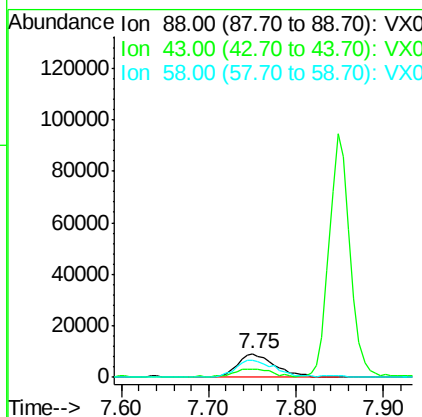
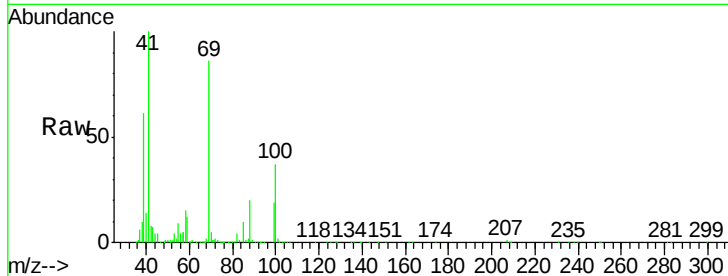
#49
1,4-Dioxane
Concen: 281.349 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.04 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	27.4	41.0
58	75.7	56.4	84.6

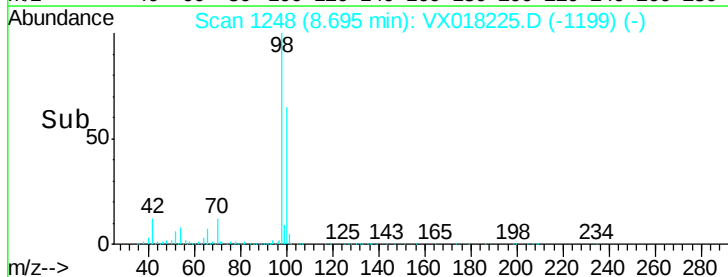
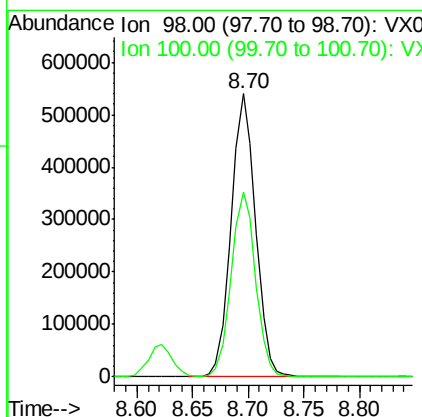
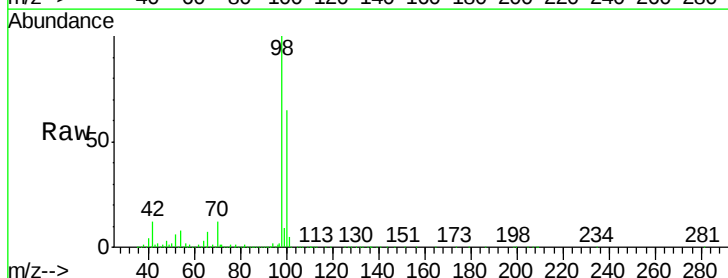
Manual Integrations
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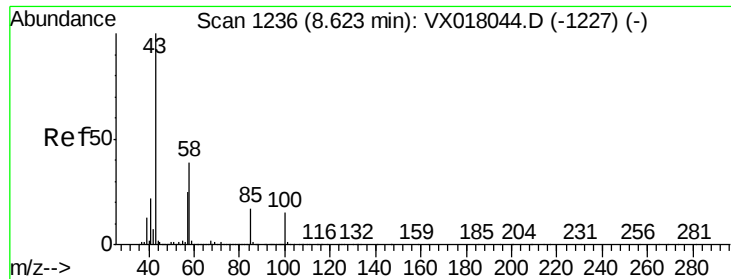
MMDadoda
9/4/2020 9:29:00 AM



#50
Toluene-d8
Concen: 51.046 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 91.628 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBSD01

Tot Ion: 43 Resp: 620198

Ion Ratio Lower Upper

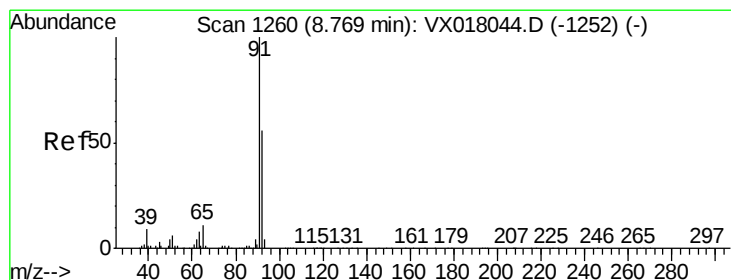
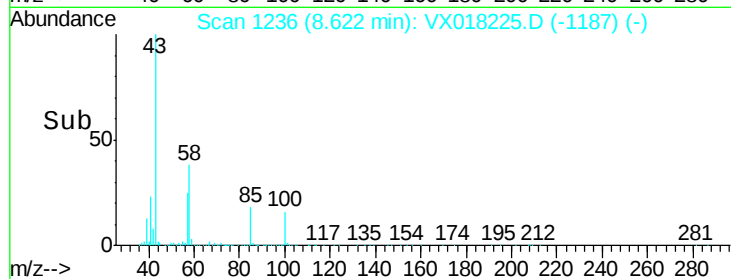
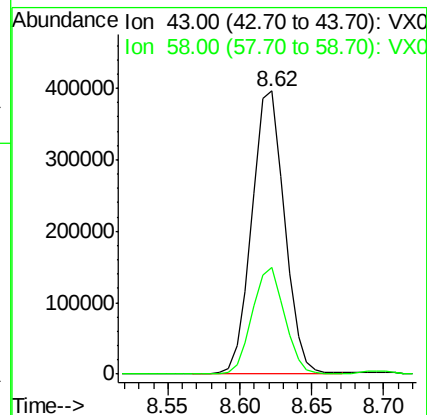
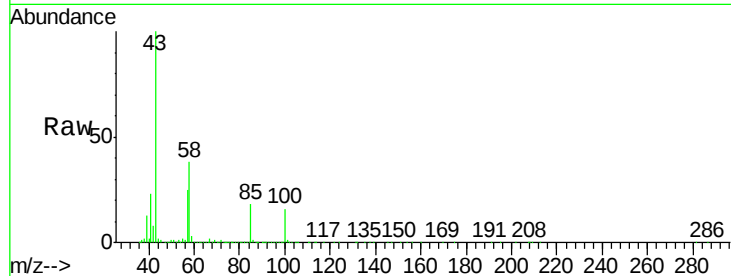
43 100

58 37.3 30.7 46.1

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9/4/2020 9:29:00 AM



#52

Toluene

Concen: 18.941 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018225.D

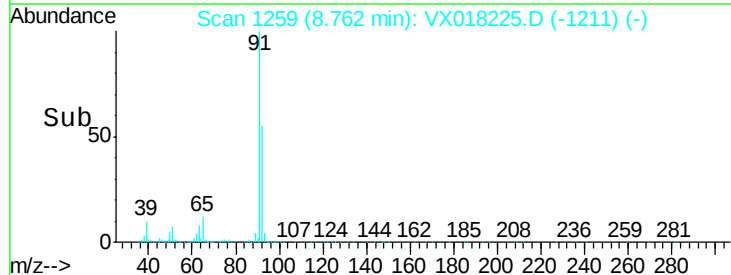
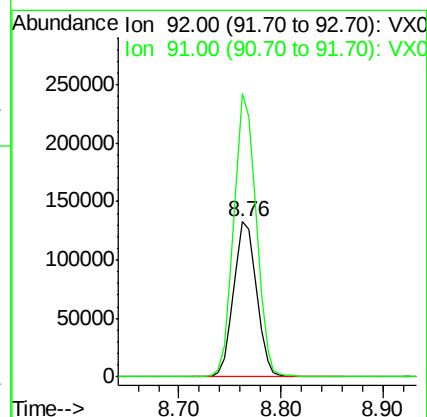
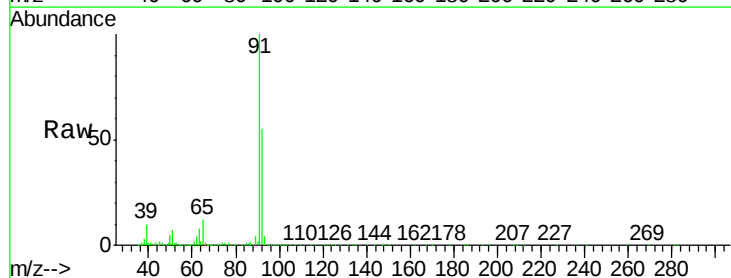
Acq: 03 Sep 2020 11:36

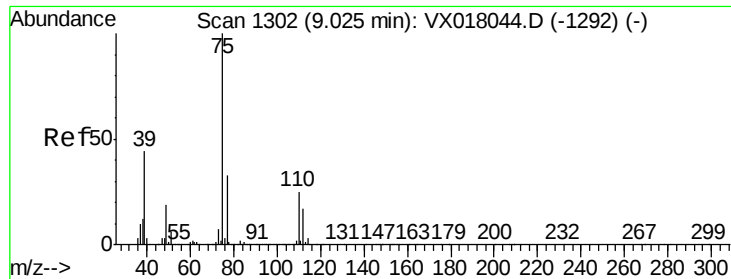
Tgt Ion: 92 Resp: 206139

Ion Ratio Lower Upper

92 100

91 177.6 140.3 210.5





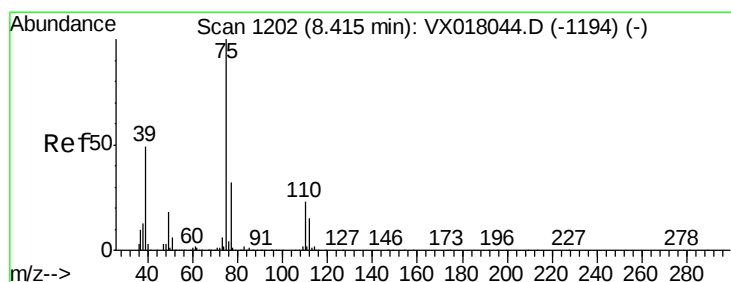
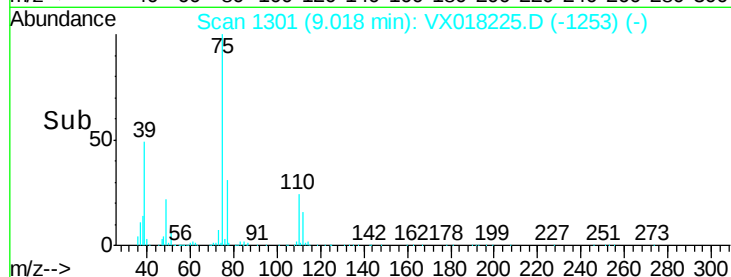
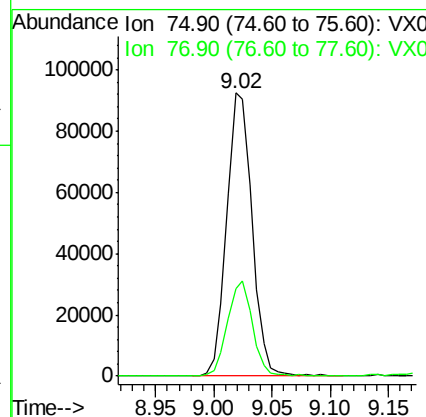
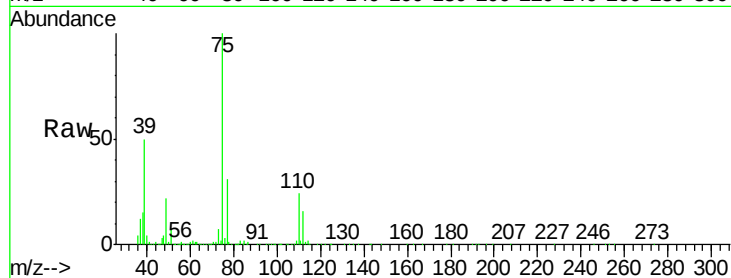
#53
t-1,3-Dichloropropene
Concen: 19.217 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampled :
VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.6	39.8

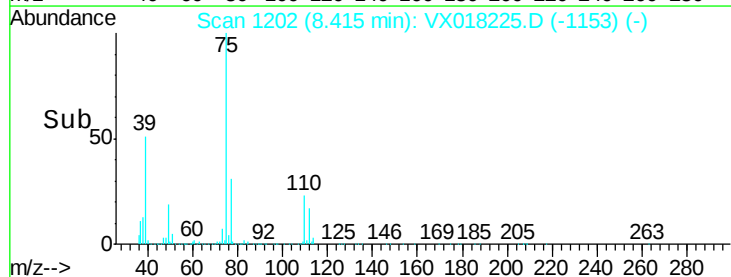
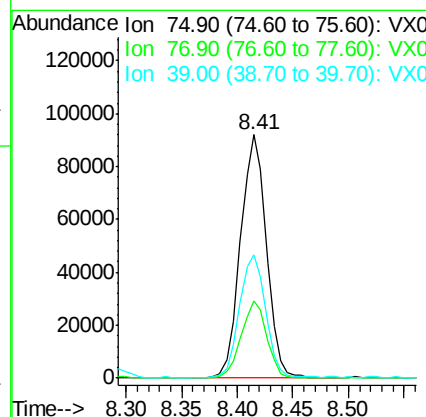
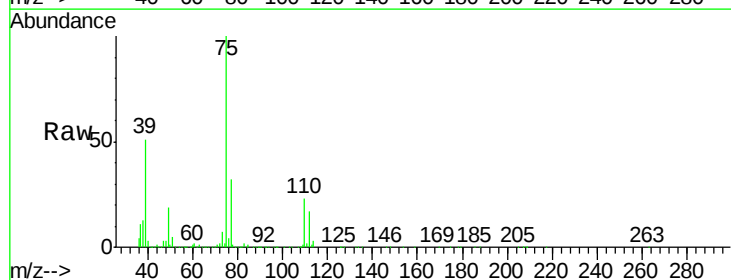
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9/4/2020 9:29:00 AM



#54
cis-1,3-Dichloropropene
Concen: 19.376 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.8
39	50.7	38.8	58.2





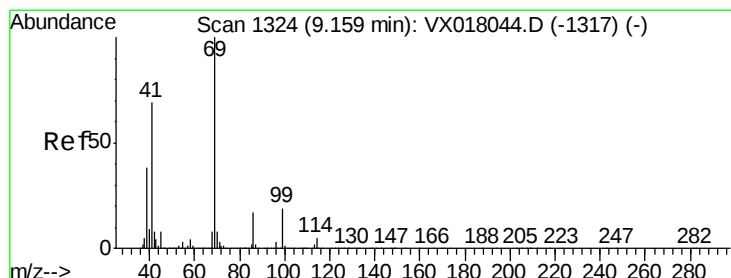
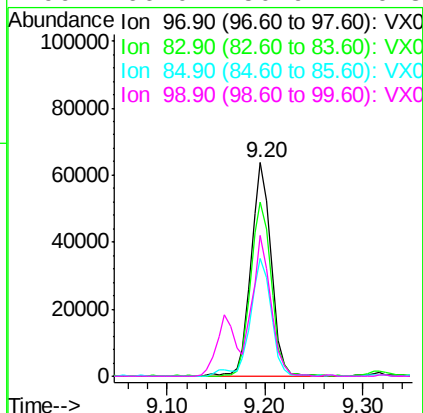
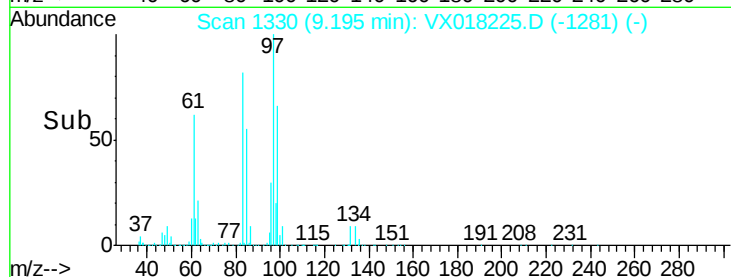
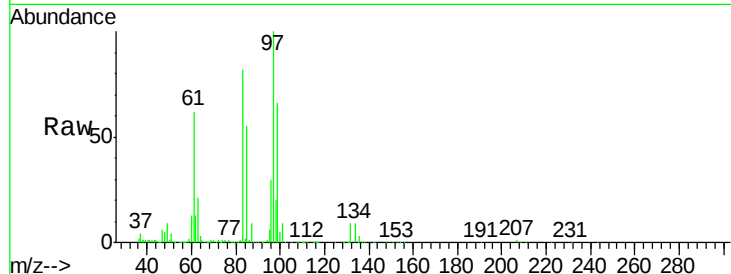
#55
 1,1,2-Trichloroethane
 Concen: 19.711 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBSD01

Tot Ion:	97	Resp:	91491
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.8	101.6
85	55.0	45.3	67.9
99	66.0	50.9	76.3

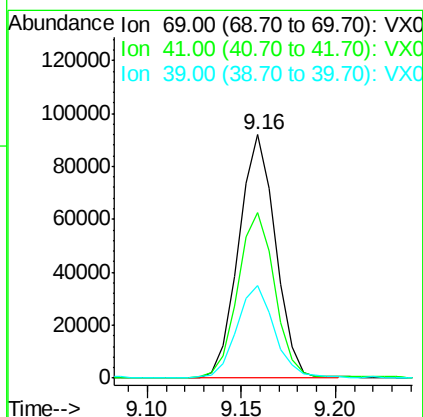
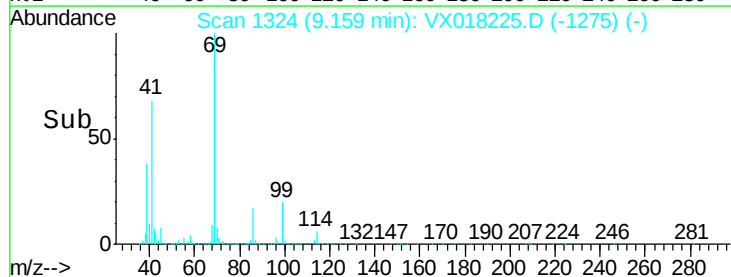
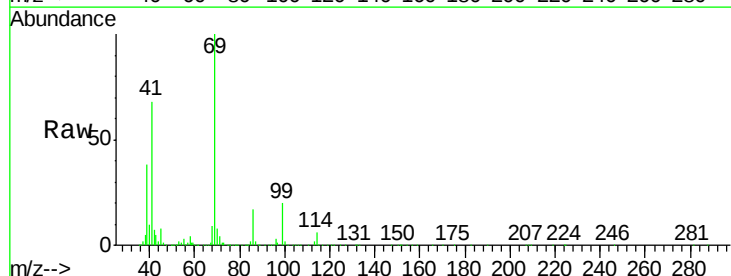
Manual Integrations
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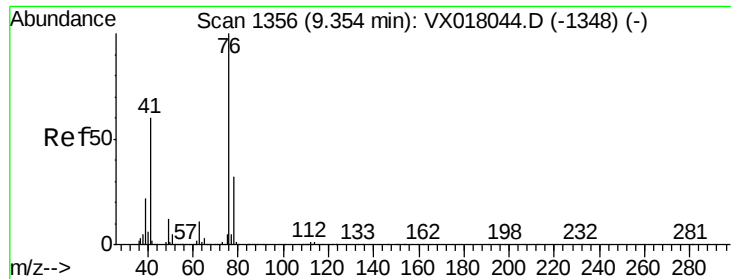
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#56
 Ethyl methacrylate
 Concen: 18.120 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Tgt Ion:	69	Resp:	125037
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.6	81.8
39	38.2	29.1	43.7





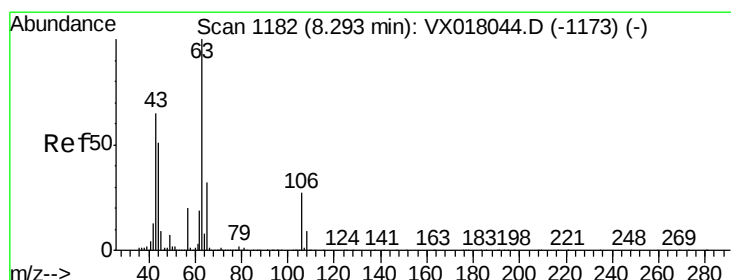
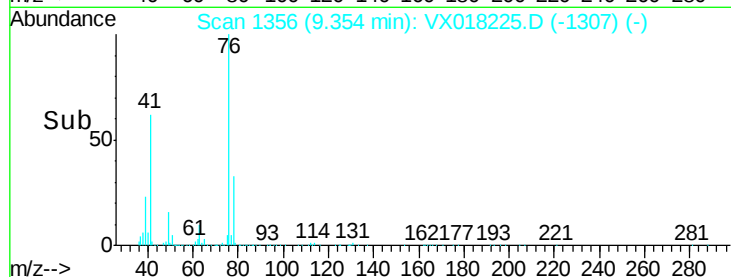
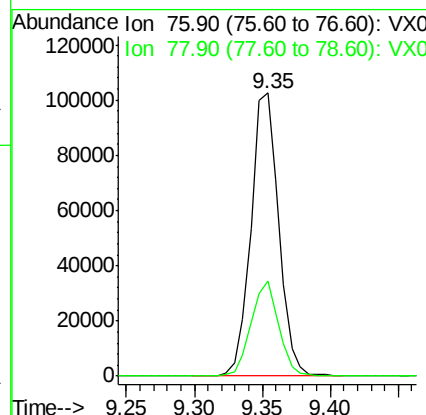
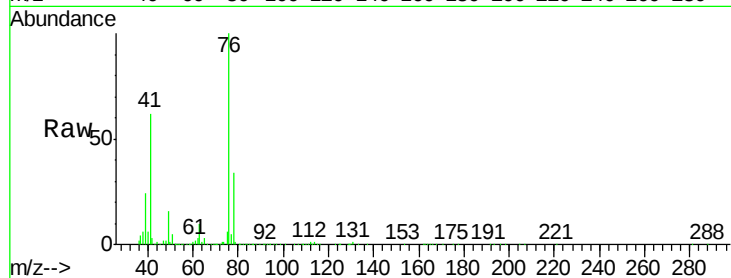
#57
 1,3-Dichloropropane
 Concen: 19.173 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.8	38.6

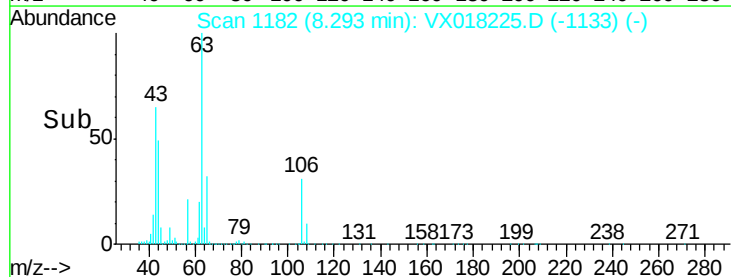
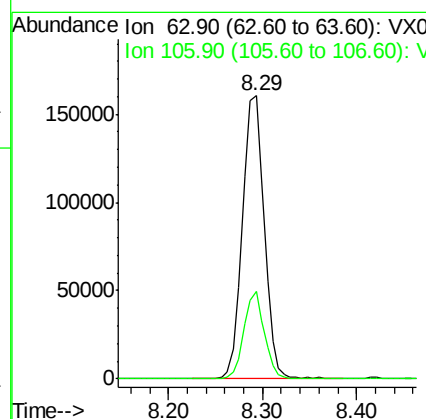
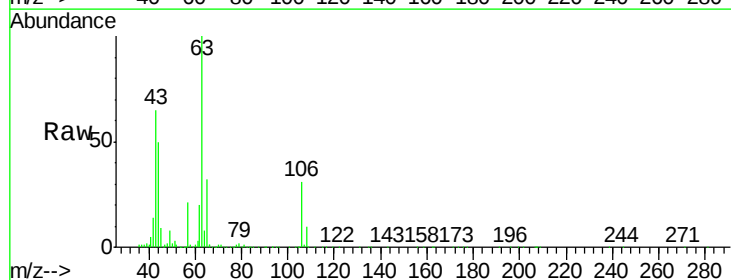
Manual Integrations
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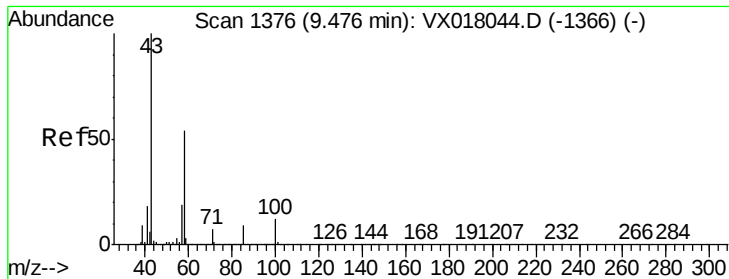
MMDadoda
 9/4/2020 9:29:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 83.470 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.1	33.1





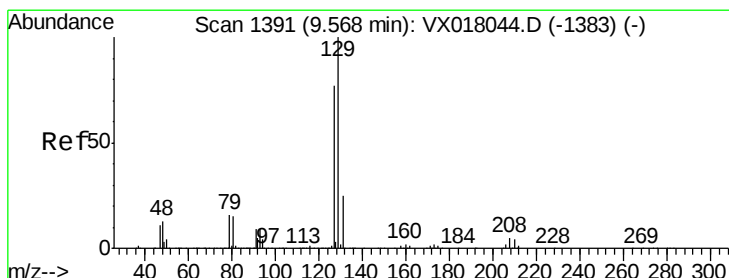
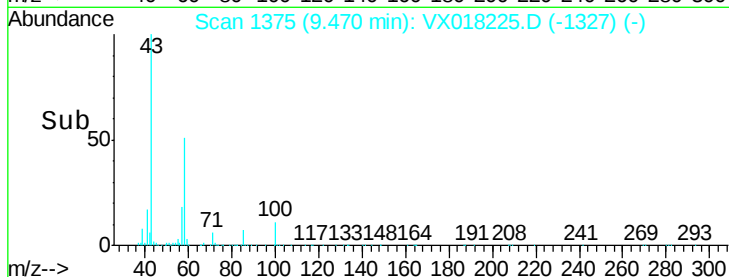
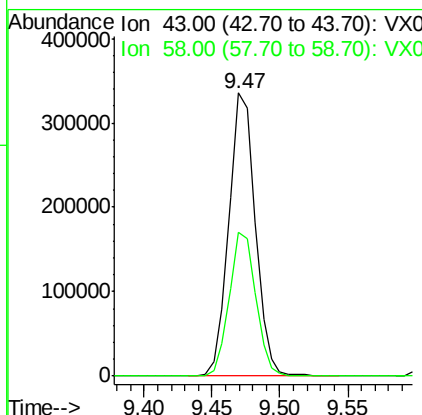
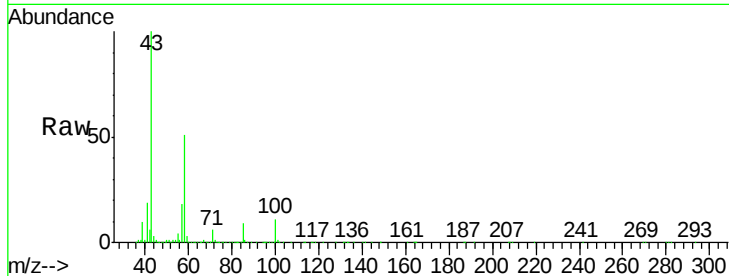
#59
2-Hexanone
Concen: 88.562 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.3	26.6	79.7

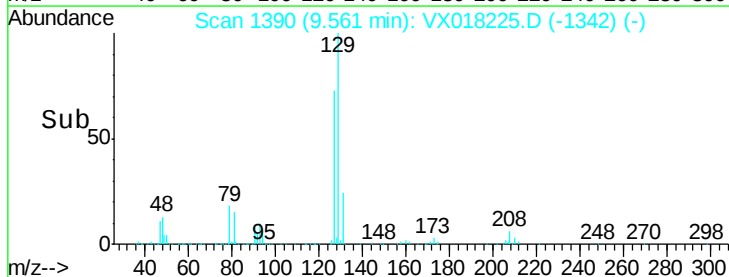
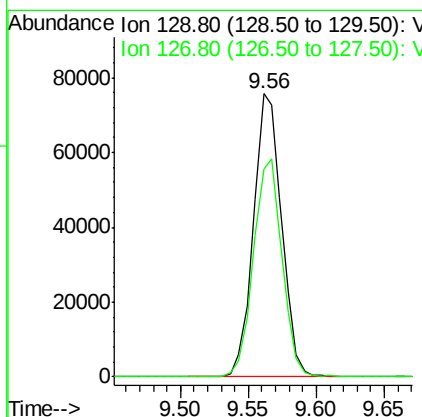
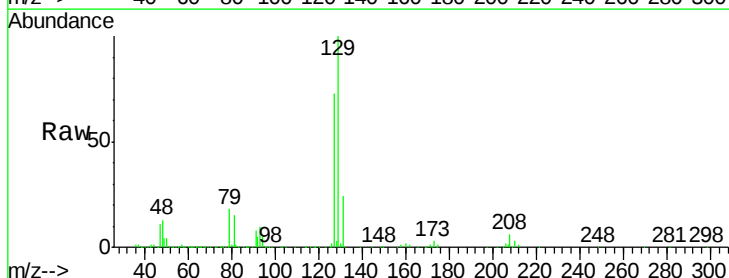
Manual Integrations
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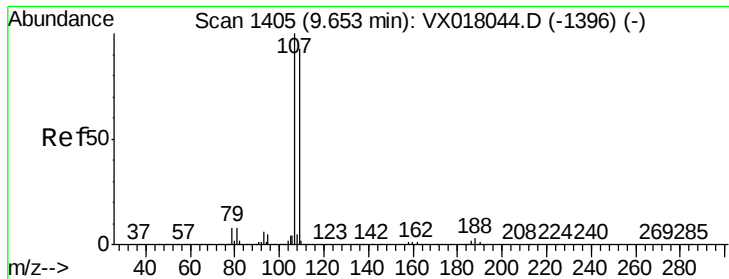
MMDadoda
9/4/2020 9:29:00 AM



#60
Dibromochloromethane
Concen: 20.229 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.9	116.6





#61

1,2-Dibromoethane

Concen: 19.645 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBSD01

Tot Ion: 107 Resp: 99000

Ion Ratio Lower Upper

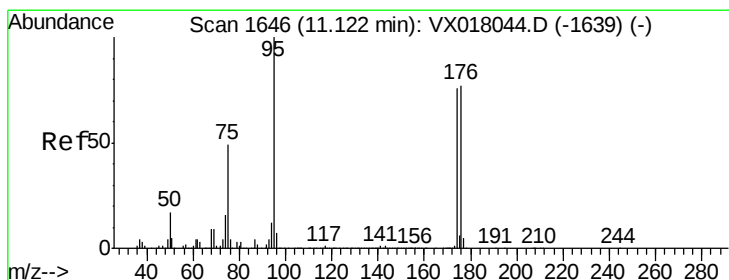
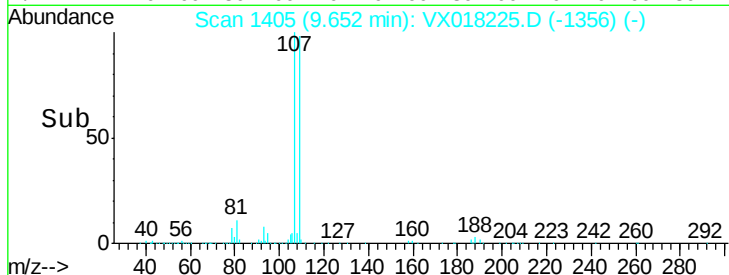
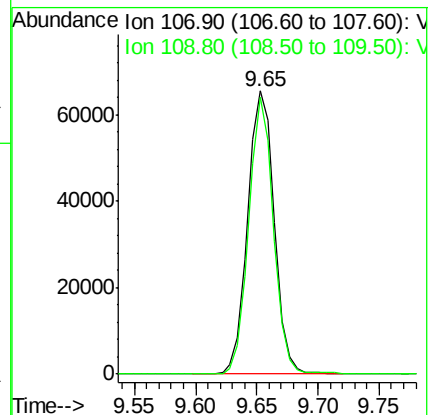
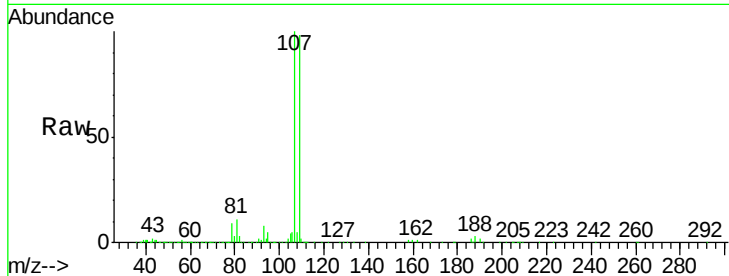
107 100

109 91.0 75.9 113.9

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#62

4-Bromofluorobenzene

Concen: 49.535 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

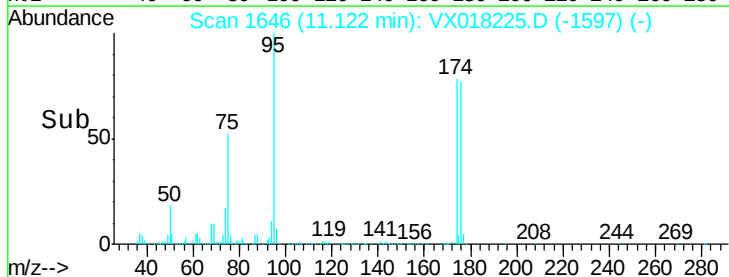
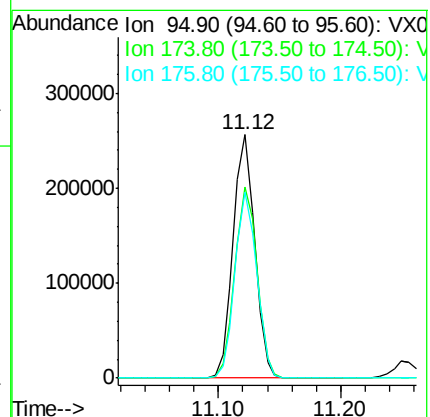
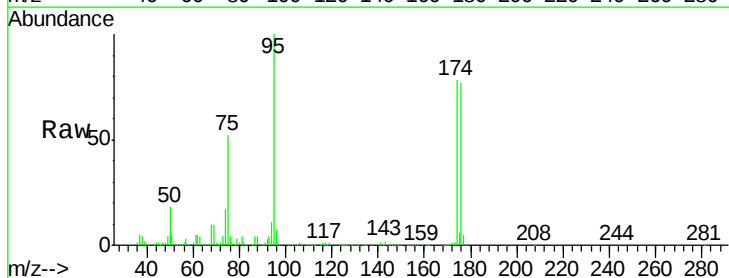
Tgt Ion: 95 Resp: 313073

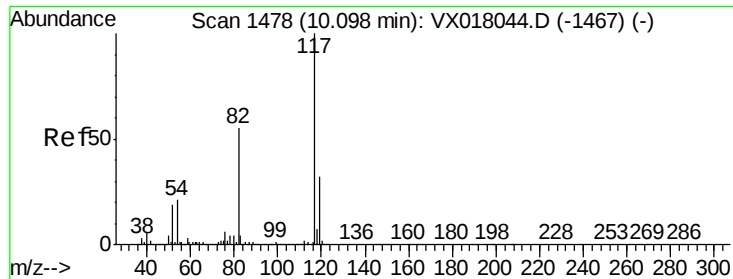
Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.2

176 77.3 0.0 155.8





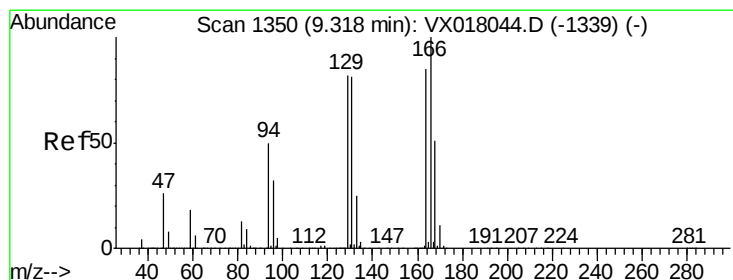
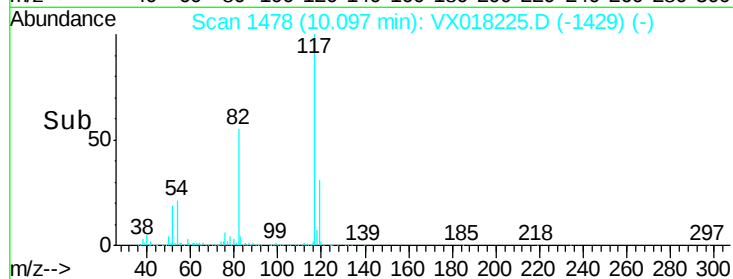
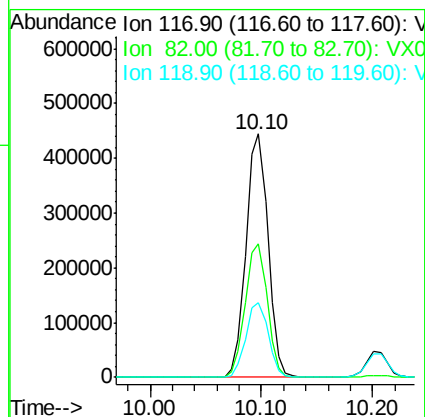
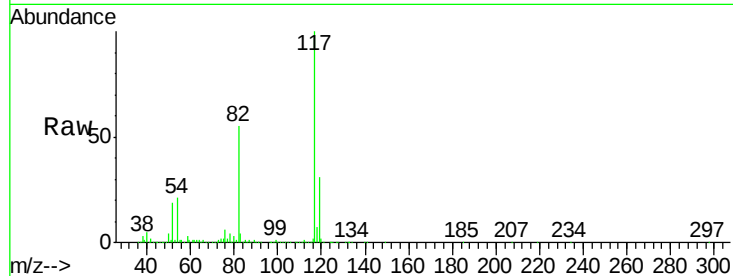
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.2	66.2
119	30.9	25.7	38.5

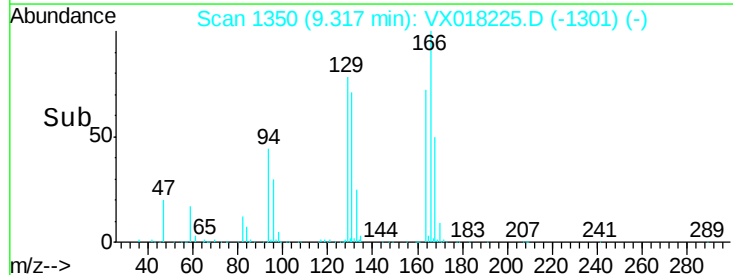
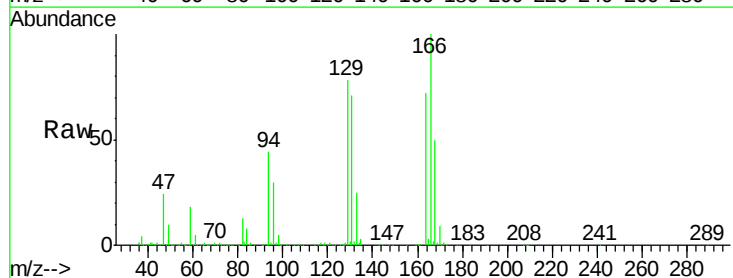
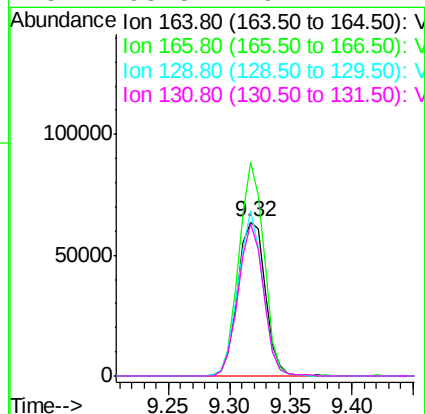
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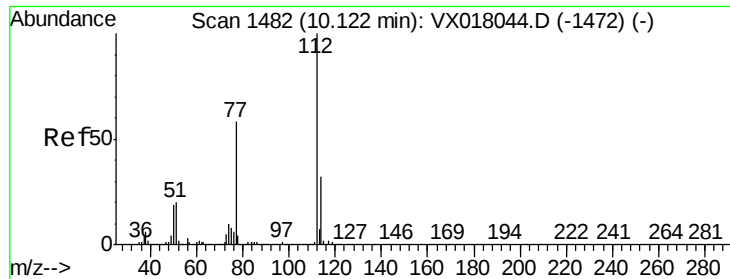
MMDadoda
9/4/2020 9:29:00 AM



#64
Tetrachloroethene
Concen: 22.088 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	138.8	94.2	141.2
129	107.6	76.9	115.3
131	98.8	76.1	114.1





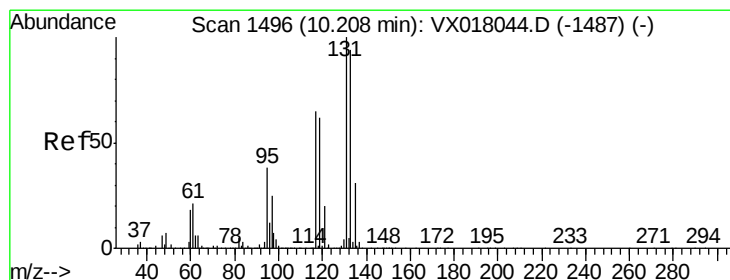
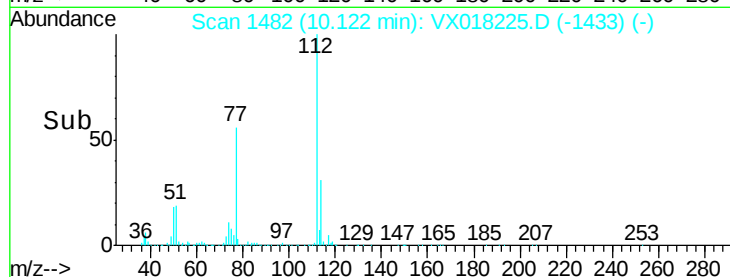
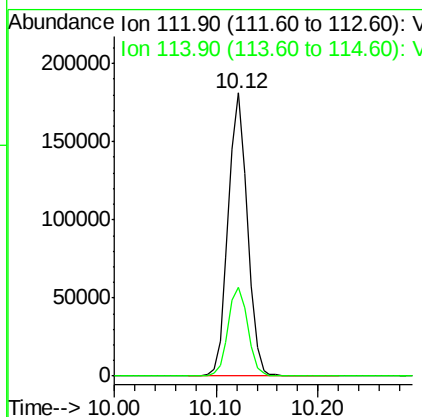
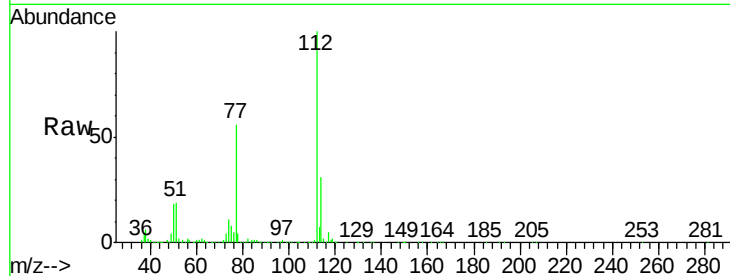
#65
Chlorobenzene
Concen: 19.319 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

Tot Ion:112 Resp: 236038
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

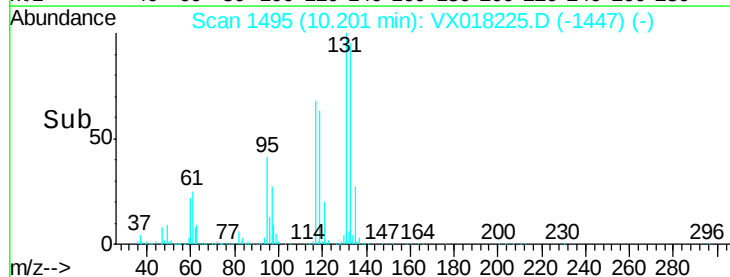
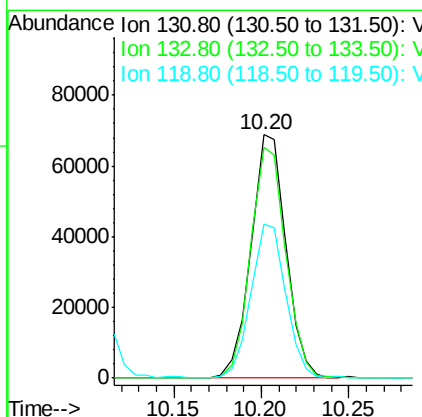
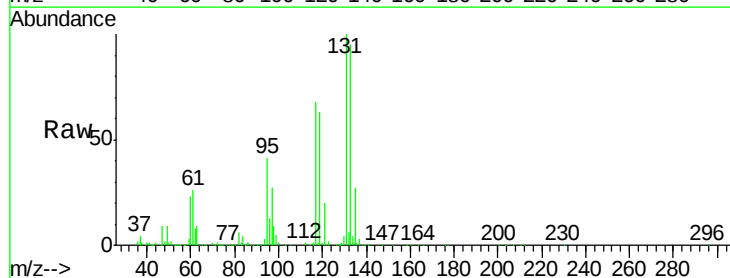
Manual Integrations
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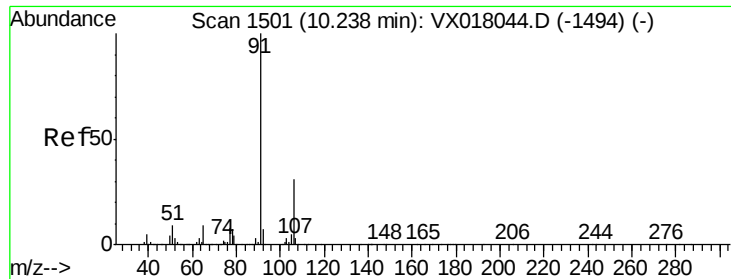
MMDadoda
9/4/2020 9:29:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.870 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion:131 Resp: 95684
Ion Ratio Lower Upper
131 100
133 95.6 46.7 140.1
119 63.5 31.8 95.4





#67

Ethyl Benzene

Concen: 19.092 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBSD01

Tot Ion: 91 Resp: 396682

Ion Ratio Lower Upper

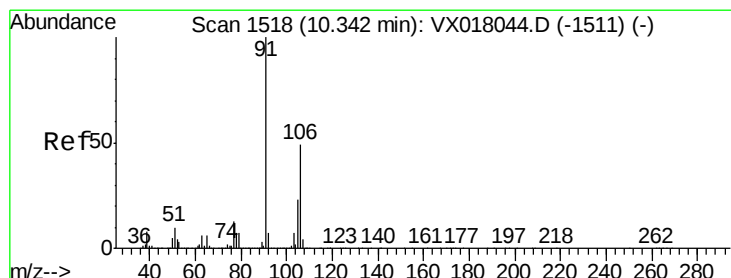
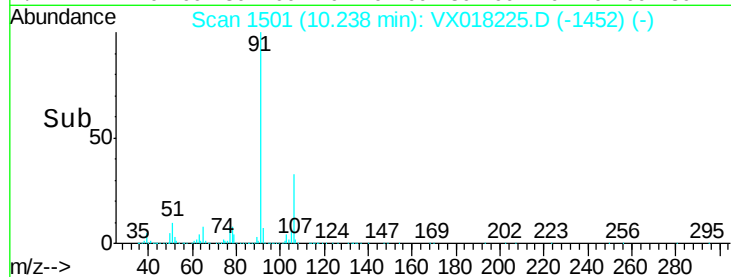
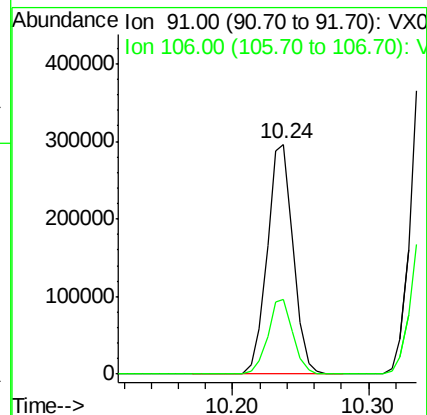
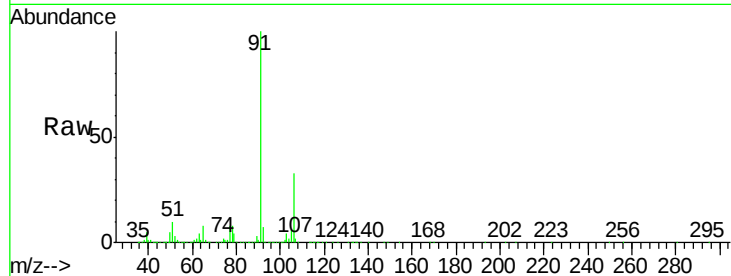
91 100

106 32.5 24.9 37.3

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#68

m/p-Xylenes

Concen: 39.431 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018225.D

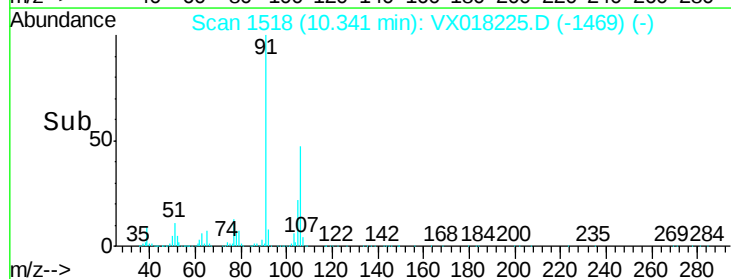
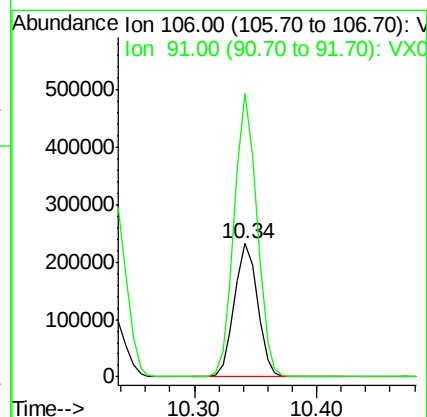
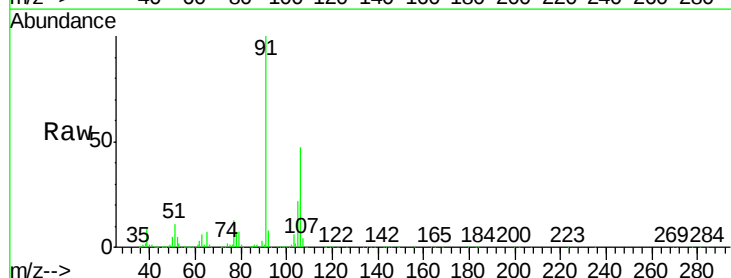
Acq: 03 Sep 2020 11:36

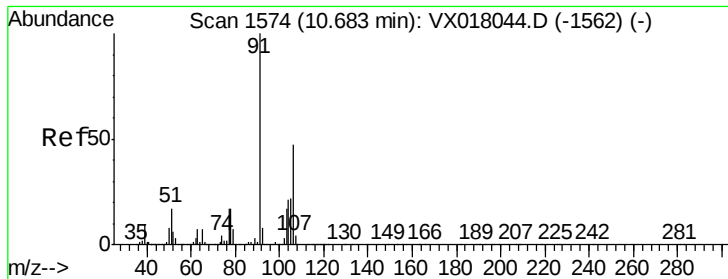
Tgt Ion: 106 Resp: 305797

Ion Ratio Lower Upper

106 100

91 207.6 162.2 243.2





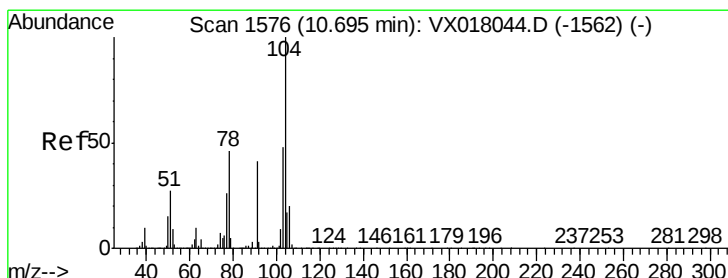
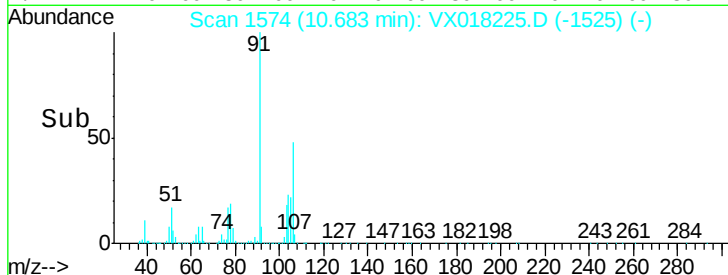
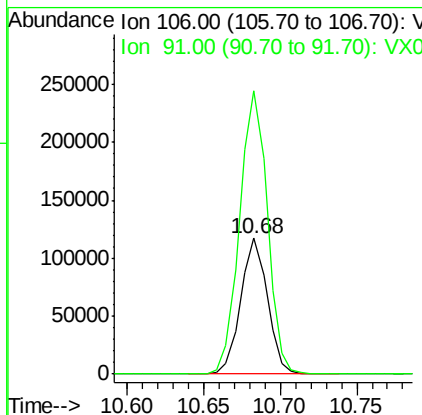
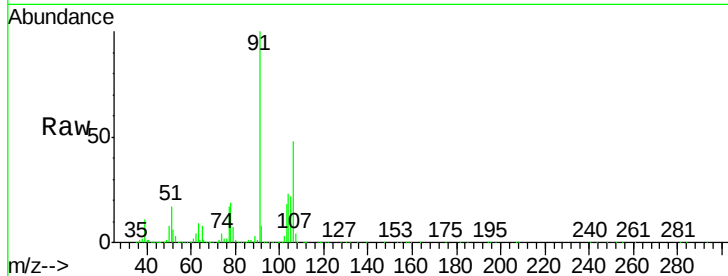
#69
o-Xylene
Concen: 19.038 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	143121		
91	214.9	107.1	321.3	

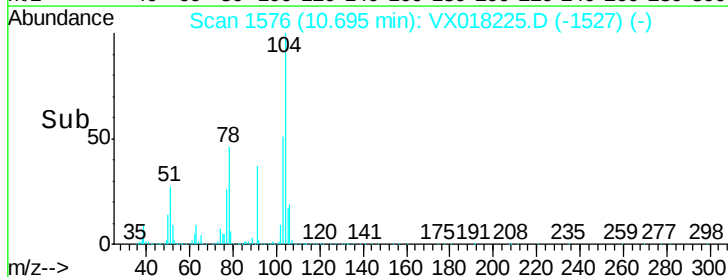
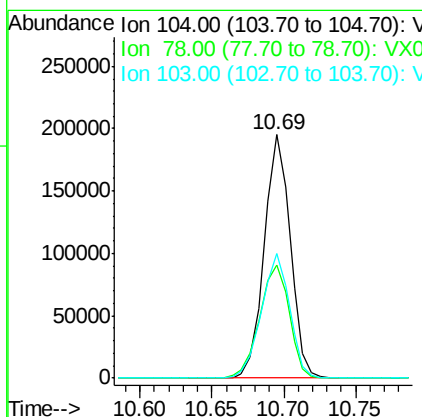
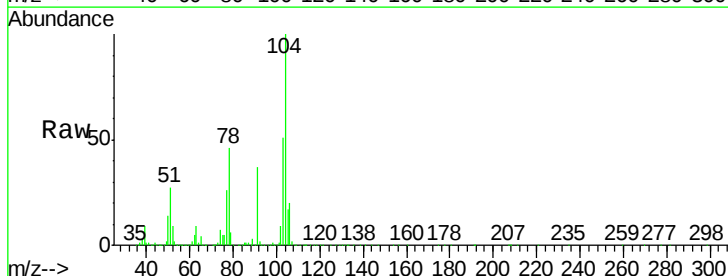
Manual Integrations
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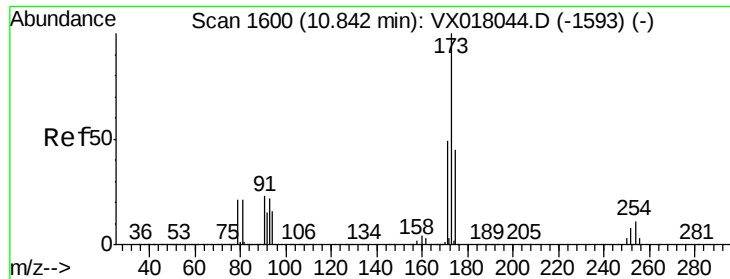
MMDadoda
9/4/2020 9:29:00 AM



#70
Styrene
Concen: 19.031 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	243651		
78	53.2	40.9	61.3	
103	55.8	43.6	65.4	





#71

Bromoform

Concen: 18.957 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampled :

VX0903WBSD01

Tot Ion:173 Resp: 77862

Ion Ratio Lower Upper

173 100

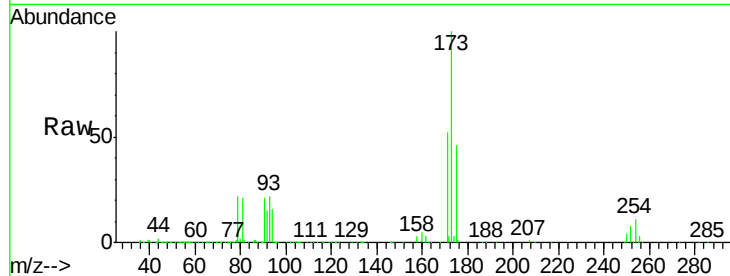
175 49.4 23.9 71.8

254 0.2 0.2 0.2

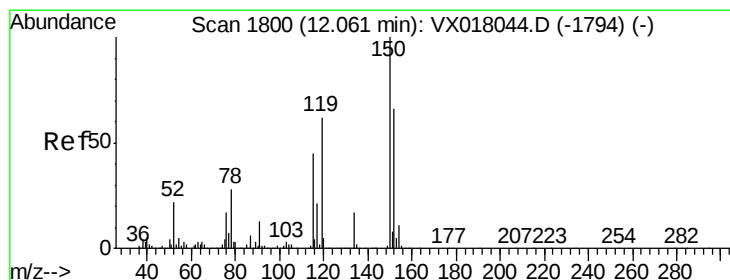
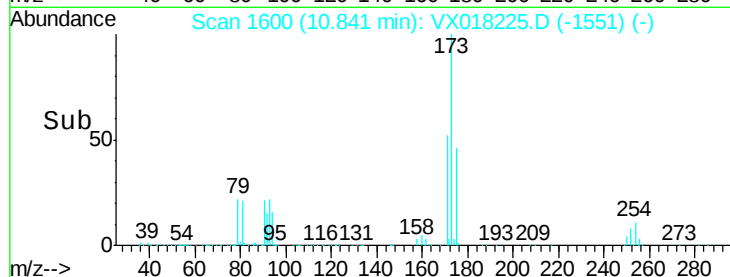
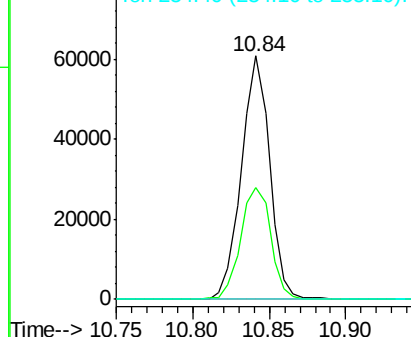
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

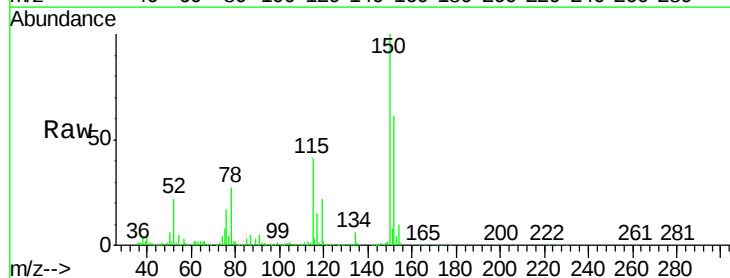
Tgt Ion:152 Resp: 320583

Ion Ratio Lower Upper

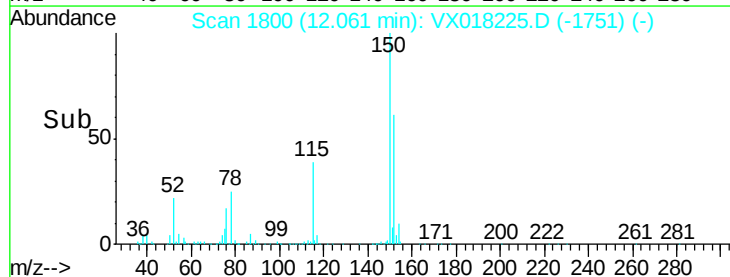
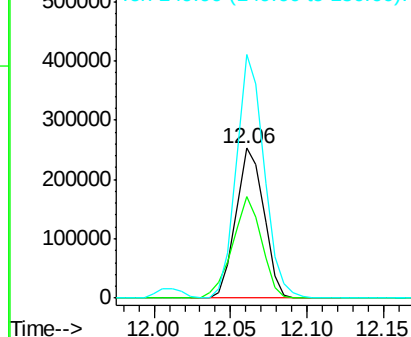
152 100

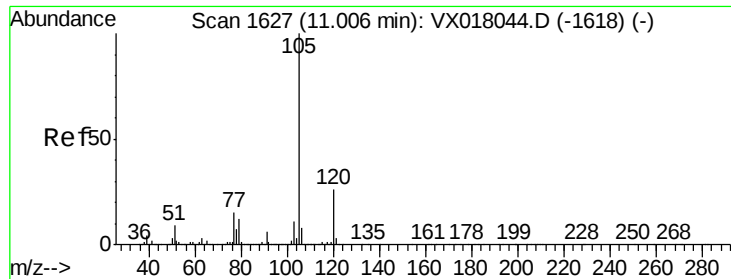
115 70.6 41.5 124.5

150 162.0 0.0 343.8



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





#73

Isopropylbenzene

Concen: 18.677 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampled :

VX0903WBSD01

Tot Ion: 105 Resp: 394941

Ion Ratio Lower Upper

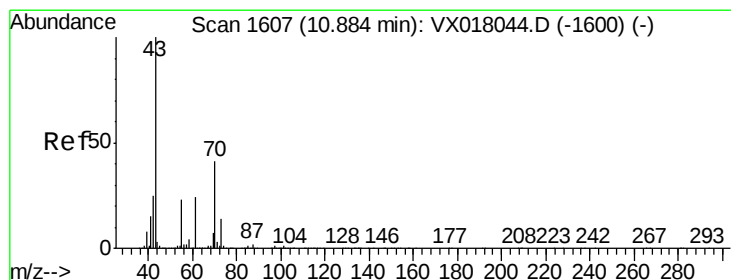
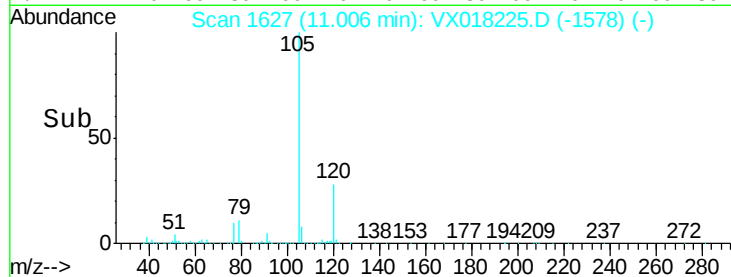
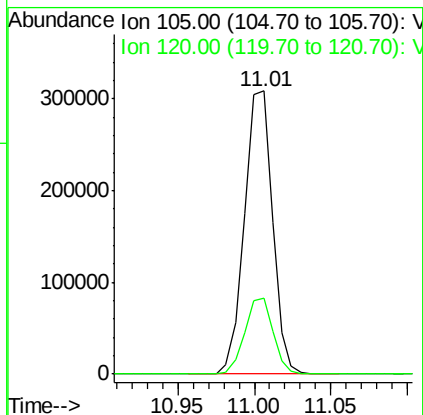
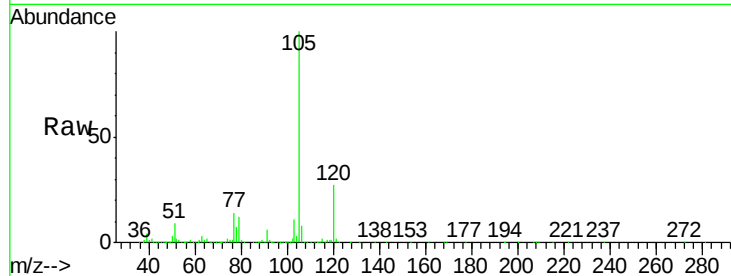
105 100

120 27.2 13.2 39.5

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#74

N-ethyl acetate

Concen: 15.993 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Tgt Ion: 43 Resp: 160460

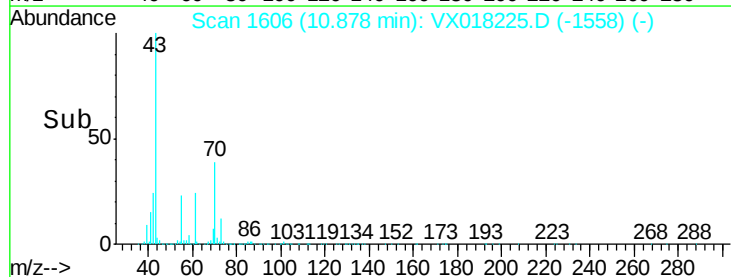
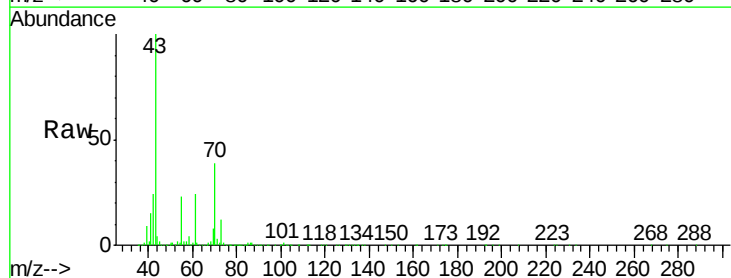
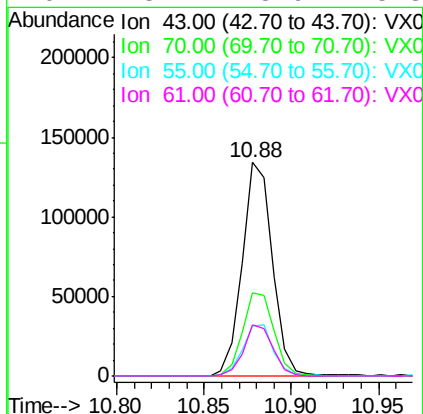
Ion Ratio Lower Upper

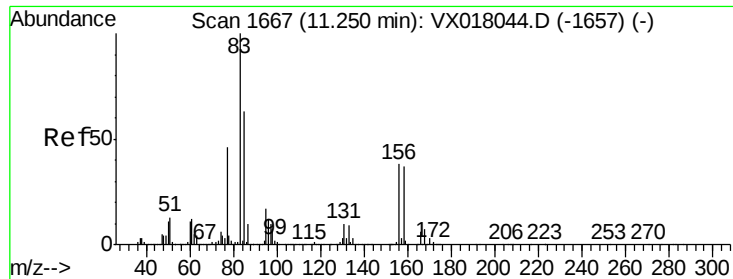
43 100

70 40.6 32.3 48.5

55 24.0 18.2 27.2

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.607 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

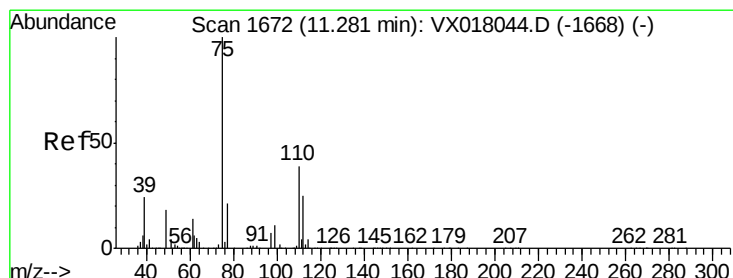
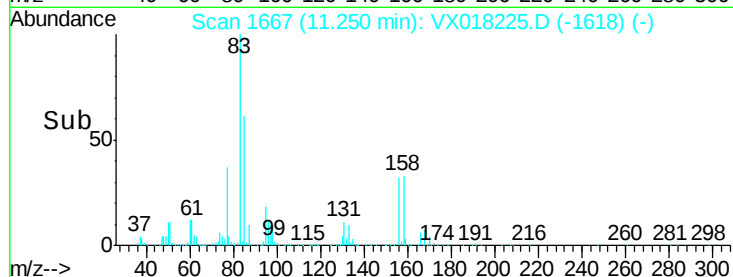
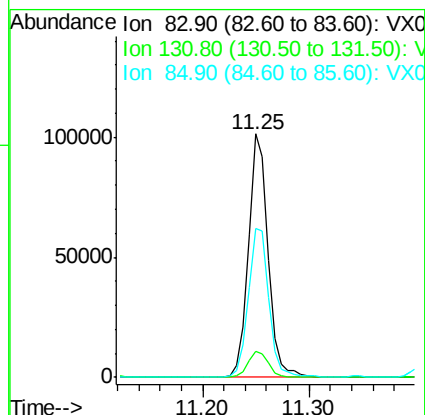
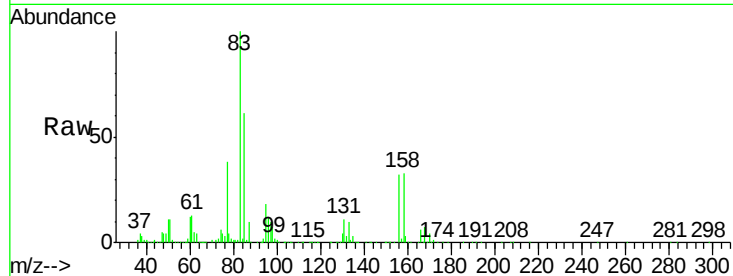
ClientSampled :

VX0903WBSD01

Tot Ion:	83	Resp:	131340
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.1	15.4
85	64.3	32.2	96.6

Manual Integrations
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9/4/2020 9:29:00 AM



#76

1,2,3-Trichloropropane

Concen: 17.375 ug/l m

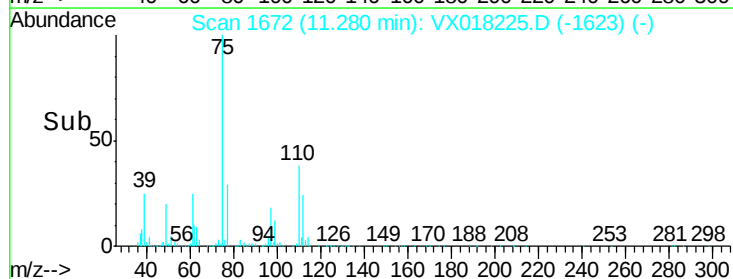
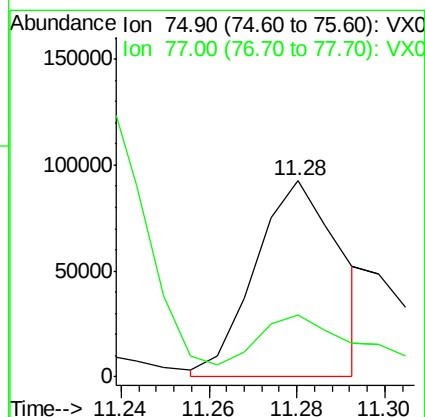
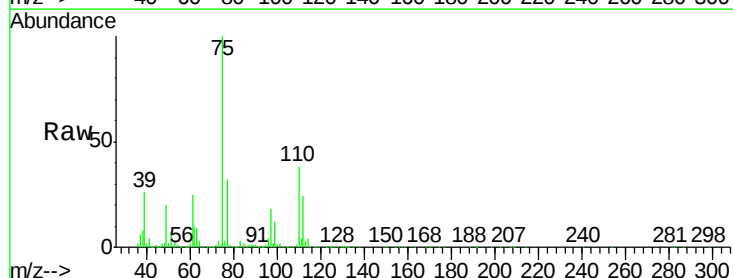
RT: 11.28 min Scan# 1672

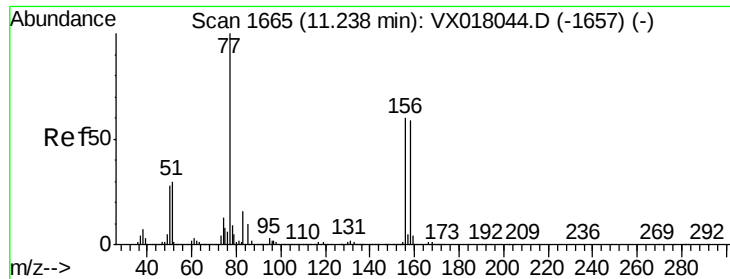
Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Tgt Ion:	75	Resp:	123912
Ion Ratio	Lower	Upper	
75	100		
77	40.0	20.8	62.2





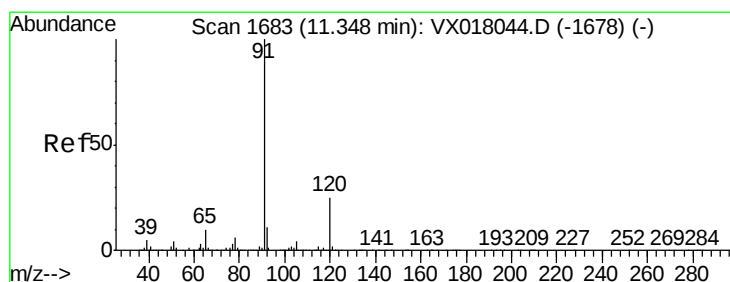
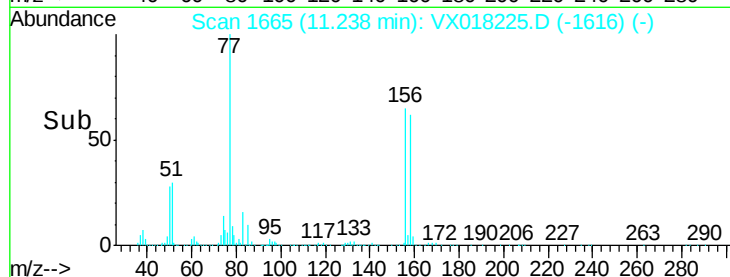
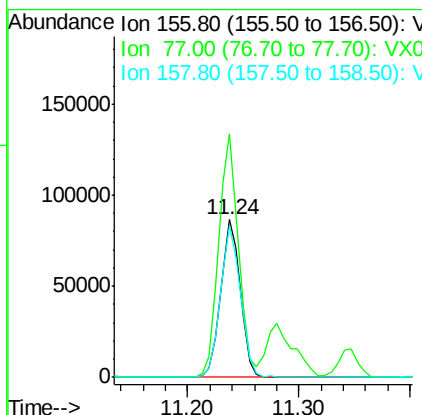
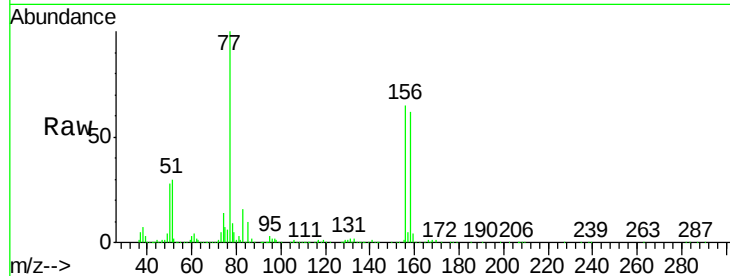
#77
Bromobenzene
Concen: 18.014 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampled :
VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	154.8	80.0	240.2
158	99.3	49.5	148.7

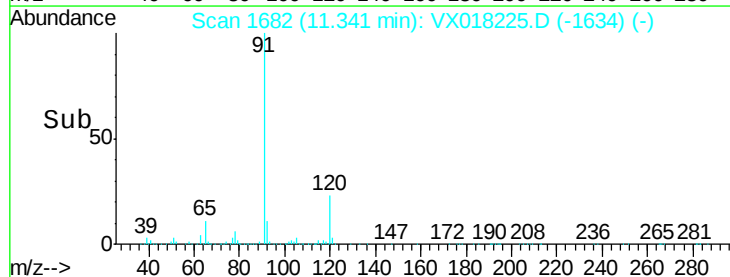
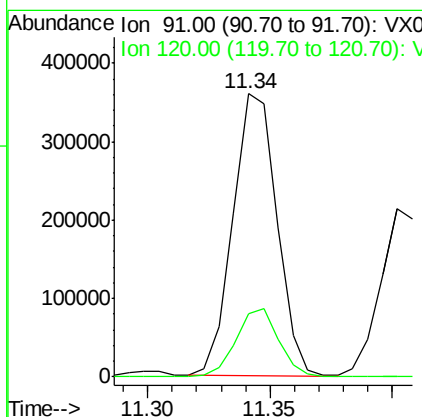
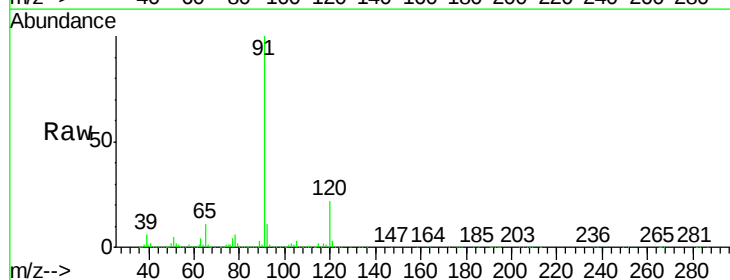
Manual Integrations
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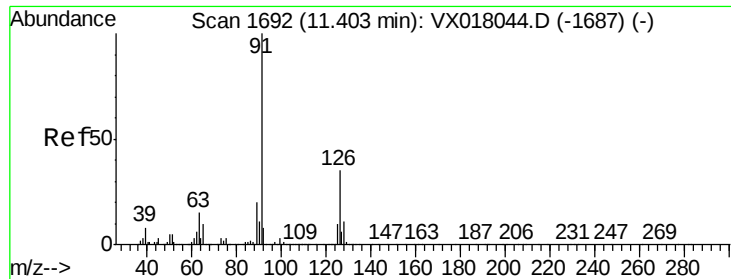
MMDadoda
9/4/2020 9:29:00 AM



#78
n-propylbenzene
Concen: 18.773 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.9





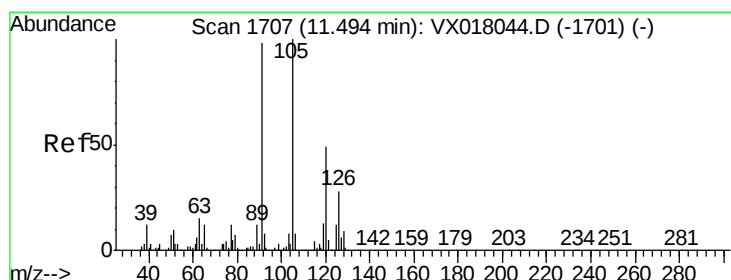
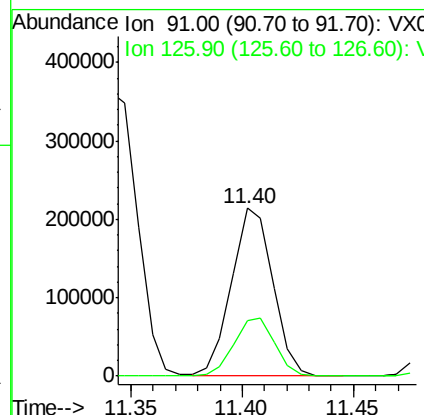
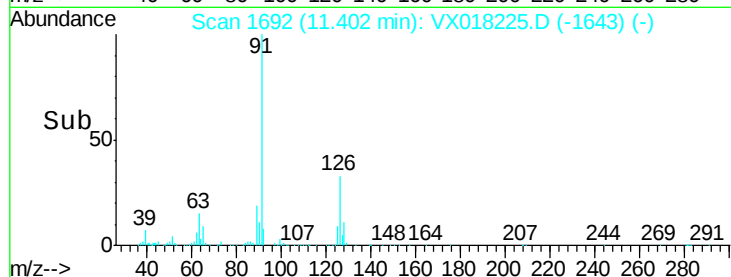
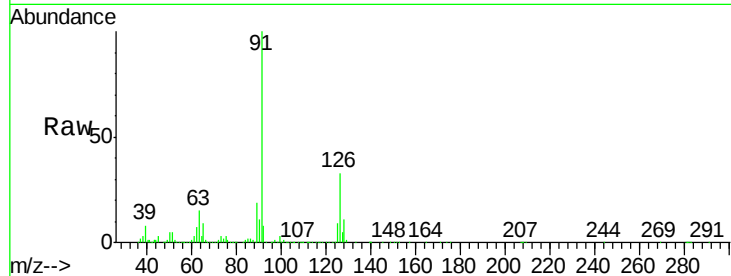
#79
2-Chlorotoluene
Concen: 18.637 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBSD01

Tot Ion: 91 Resp: 276468
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.2

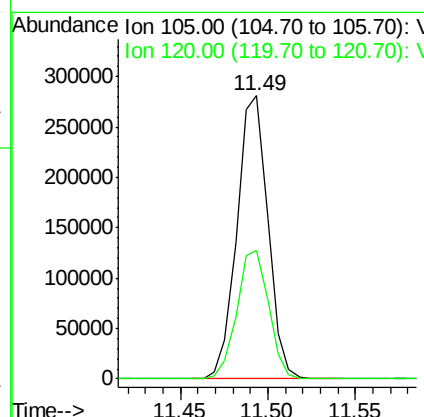
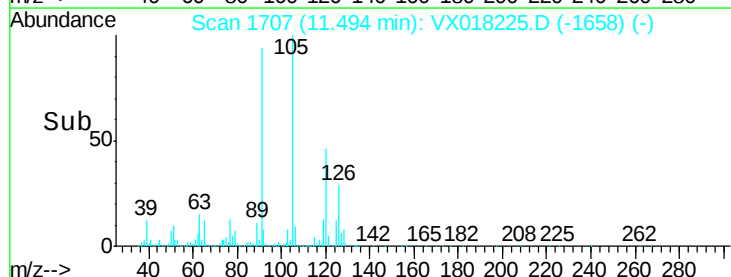
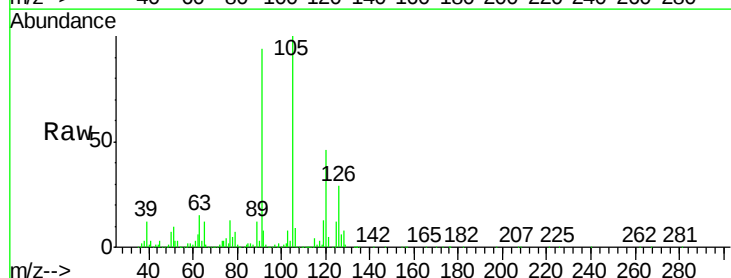
Manual Integrations
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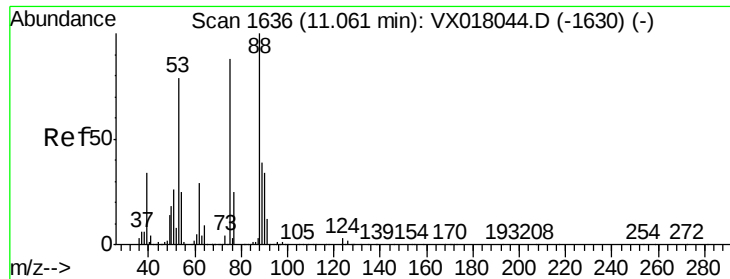
MMDadoda
9/4/2020 9:29:00 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.919 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion: 105 Resp: 346136
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.643 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

ClientSampled :

VX0903WBSD01

Tot Ion: 75 Resp: 46586

Ion Ratio Lower Upper

75 100

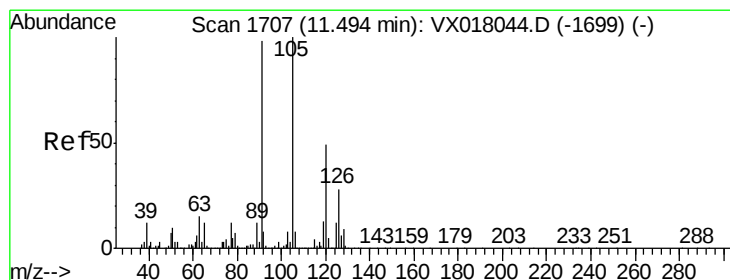
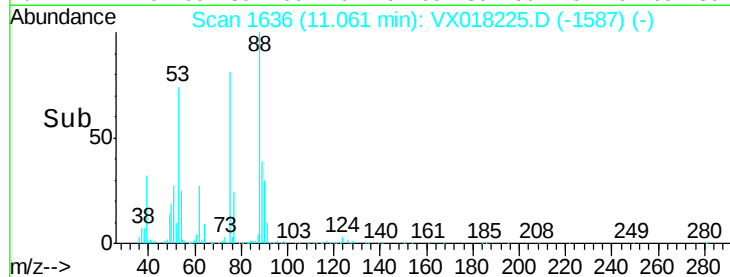
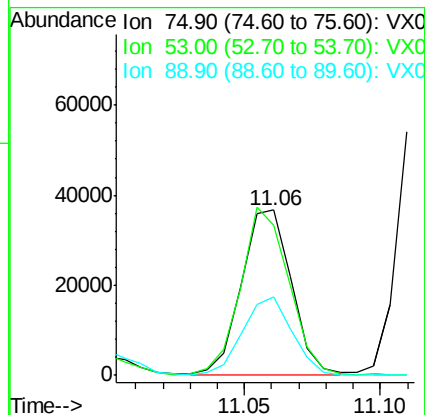
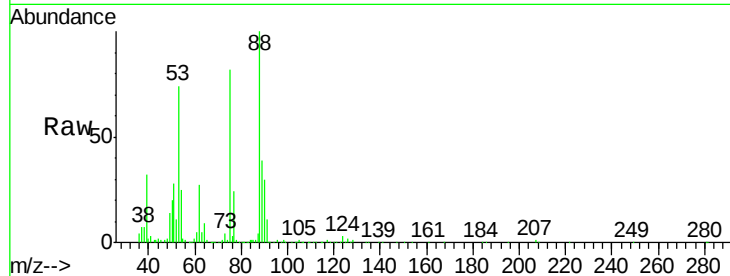
53 98.6 74.7 112.1

89 47.0 36.6 54.8

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#82

4-Chlorotoluene

Concen: 18.648 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018225.D

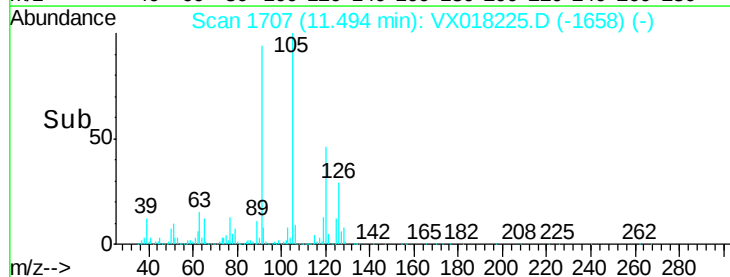
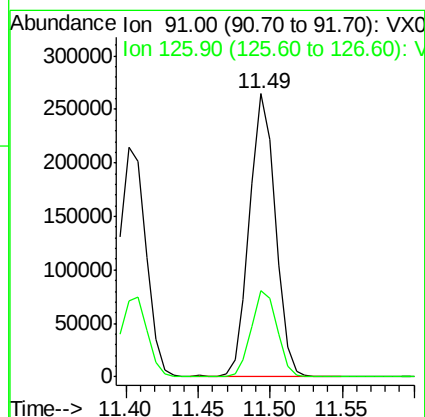
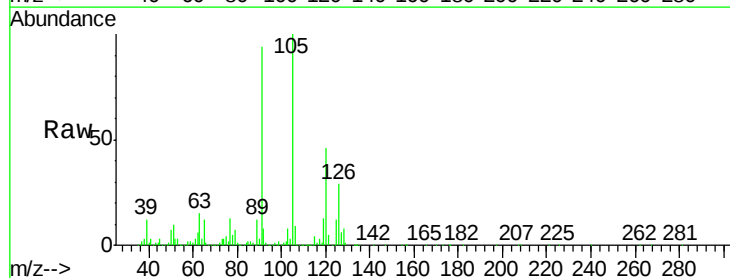
Acq: 03 Sep 2020 11:36

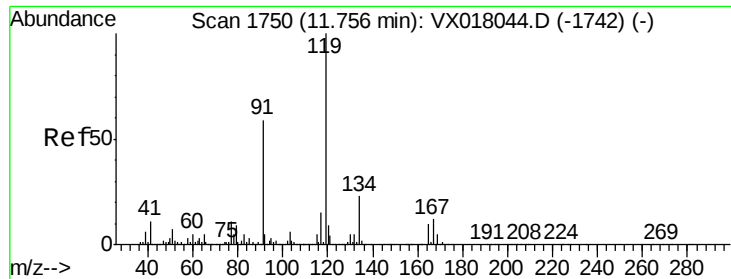
Tgt Ion: 91 Resp: 328859

Ion Ratio Lower Upper

91 100

126 30.5 15.1 45.3





#83

tert-Butylbenzene

Concen: 18.541 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

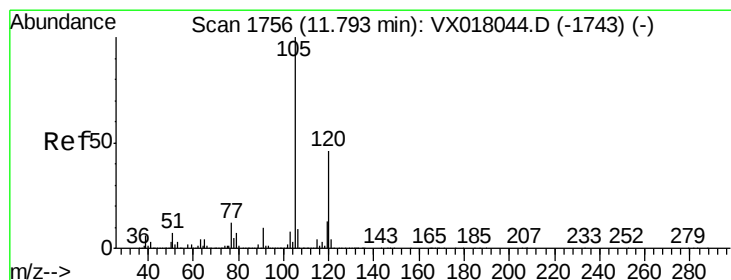
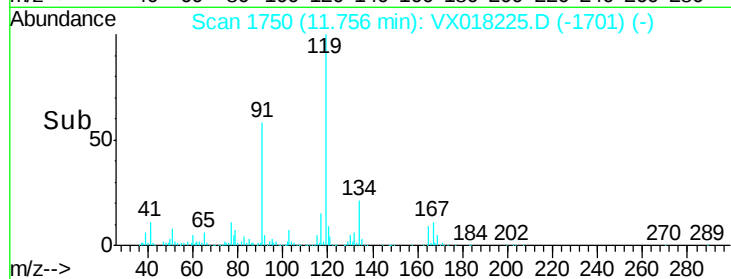
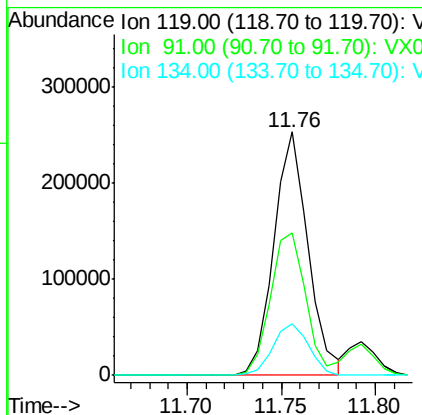
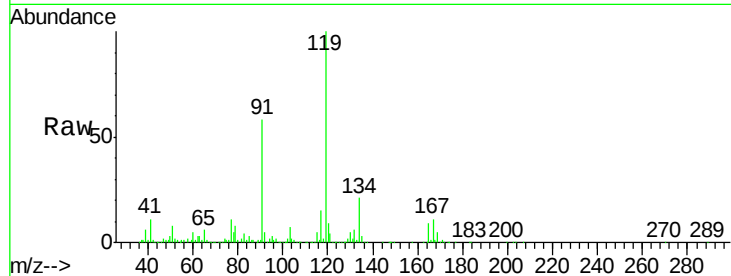
ClientSampleId :

VX0903WBSD01

Tot Ion:	119	Resp:	317953
Ion Ratio	Lower	Upper	
119	100		
91	59.9	28.2	84.7
134	22.4	11.3	33.8

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#84

1,2,4-Trimethylbenzene

Concen: 19.400 ug/l

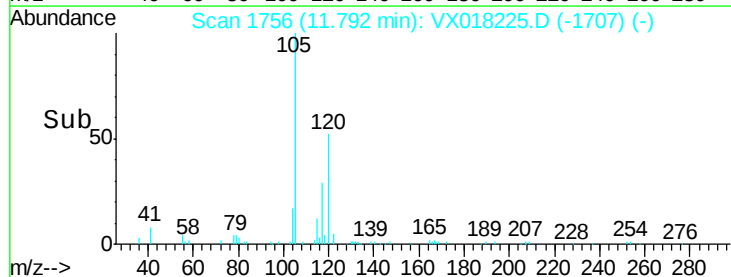
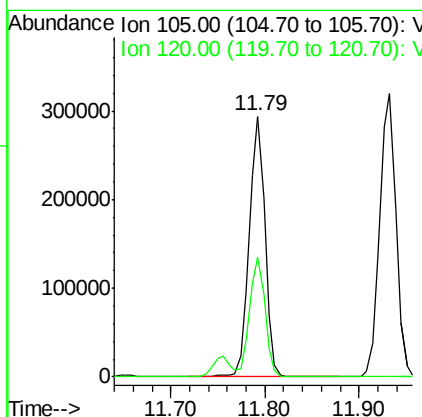
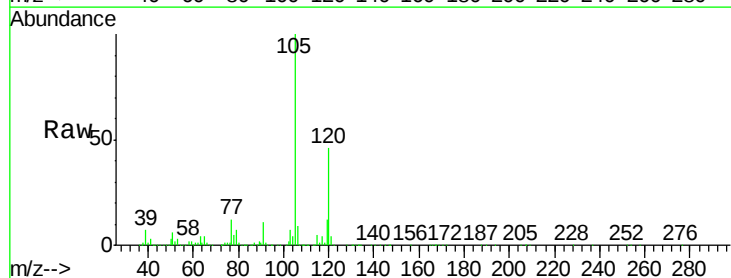
RT: 11.79 min Scan# 1756

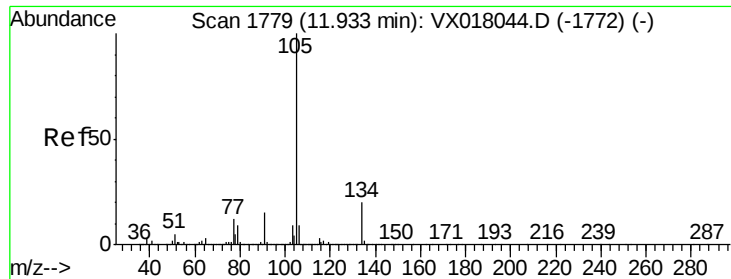
Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Tgt Ion:	105	Resp:	344649
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.3	66.9





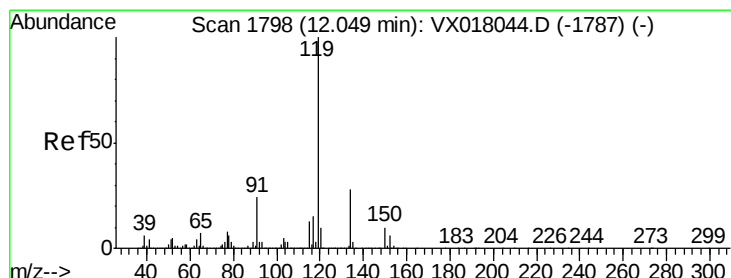
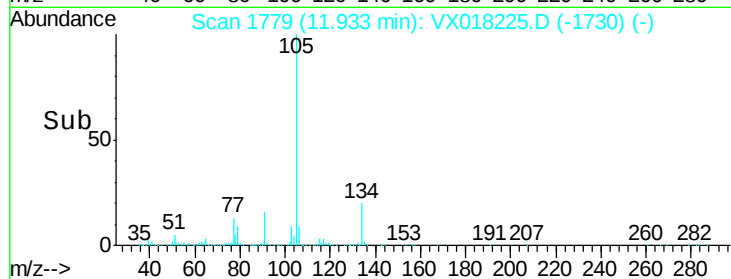
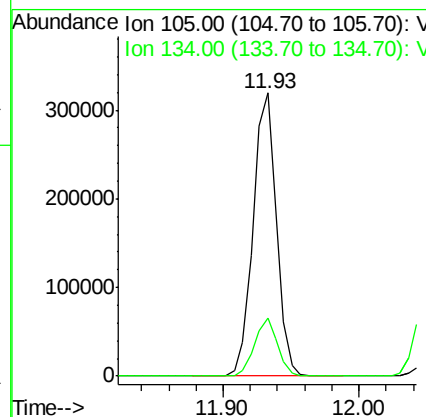
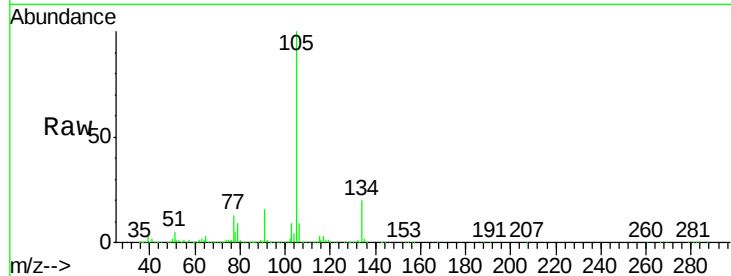
#85
 sec-Butylbenzene
 Concen: 19.681 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Instrument :
 MSVOA_X
 ClientSampled :
 VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

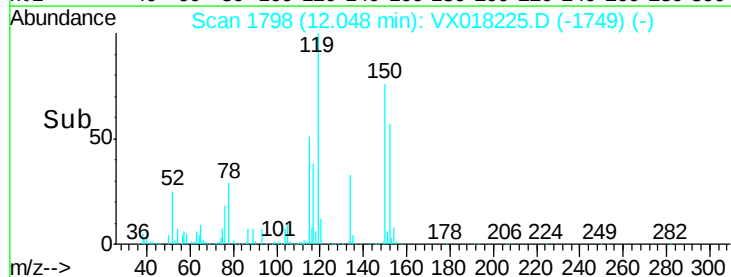
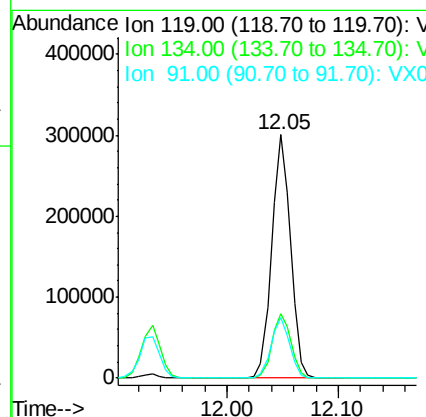
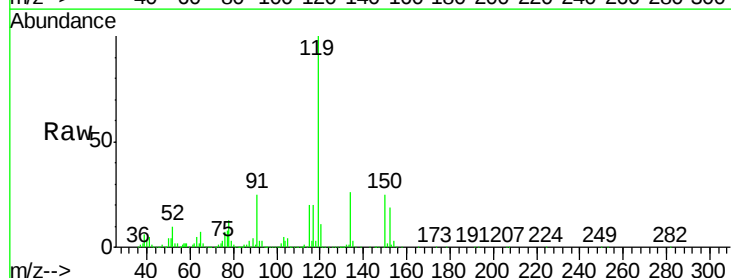
Manual Integrations
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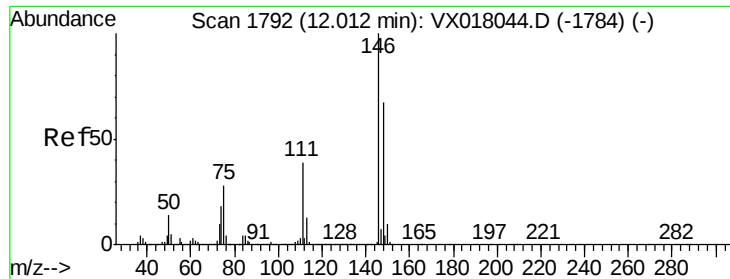
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 9/4/2020 9:29:00 AM



#86
 p-Isopropyltoluene
 Concen: 19.878 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.2	39.5
91	24.5	11.8	35.4





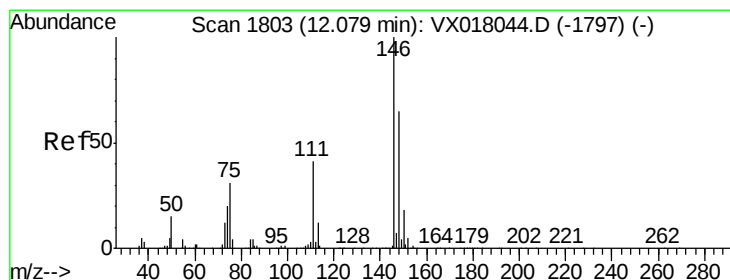
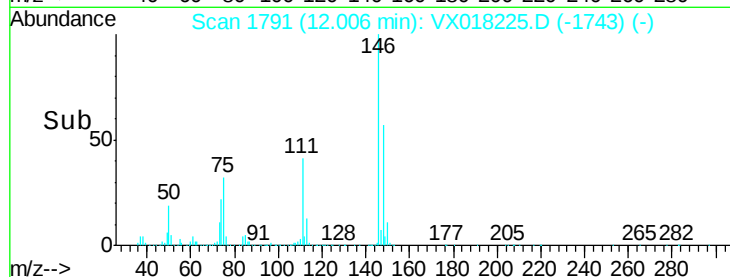
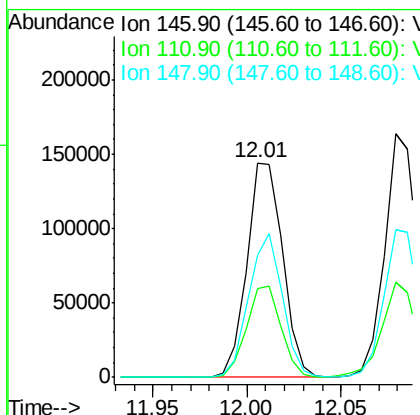
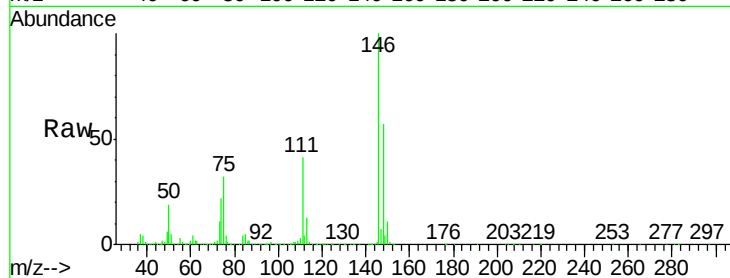
#87
 1,3-Dichlorobenzene
 Concen: 18.555 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	62.9	33.1	99.2

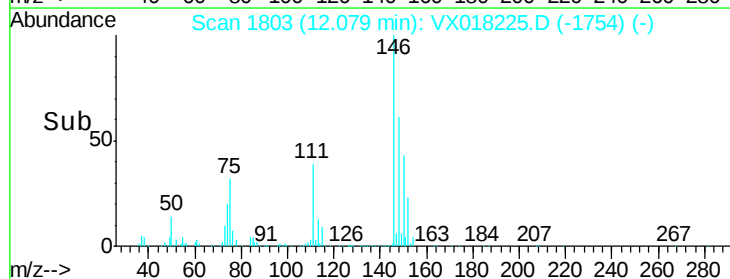
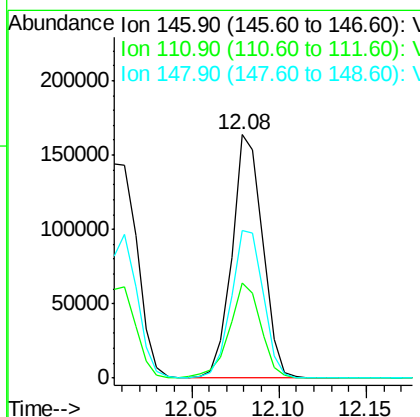
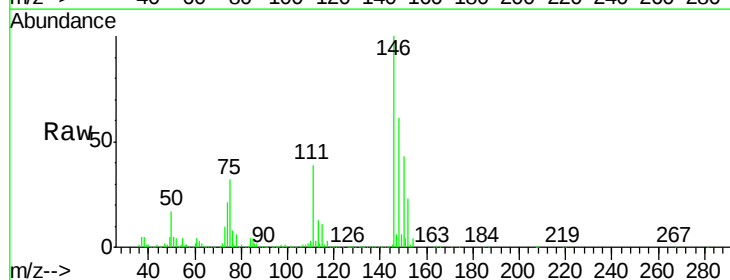
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#88
 1,4-Dichlorobenzene
 Concen: 19.414 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.8
148	63.9	33.1	99.2





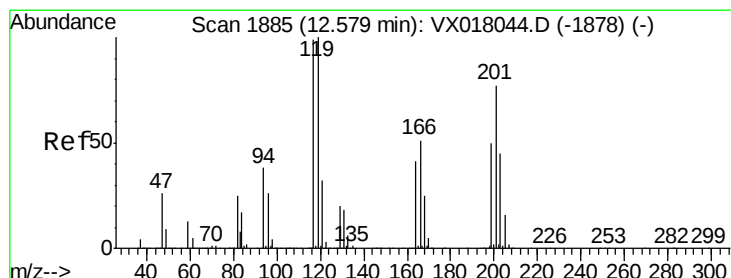
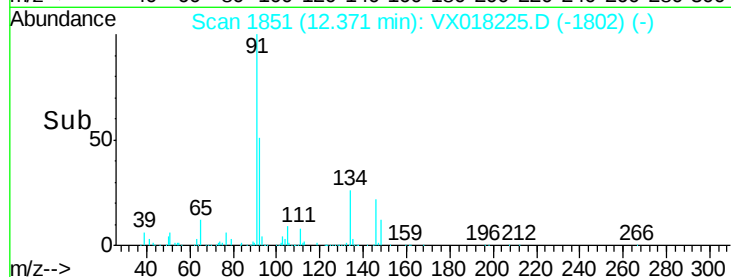
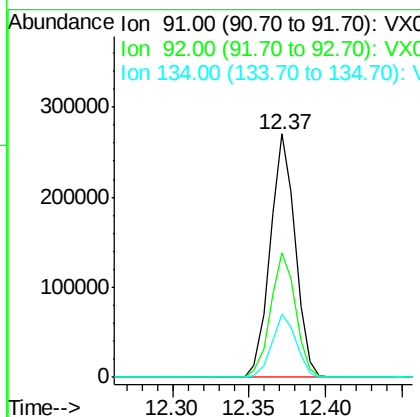
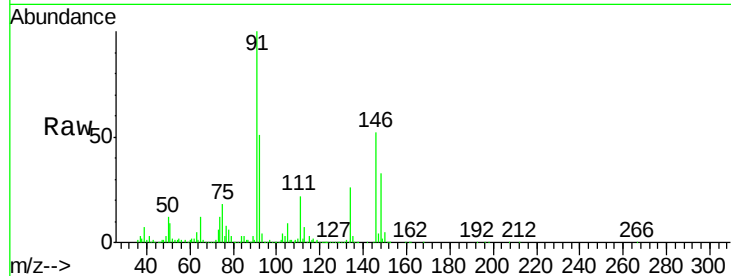
#89
n-Butylbenzene
Concen: 18.842 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Instrument :
MSVOA_X
ClientSampled :
VX0903WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.5	26.4	79.2	
134	25.5	12.9	38.7	

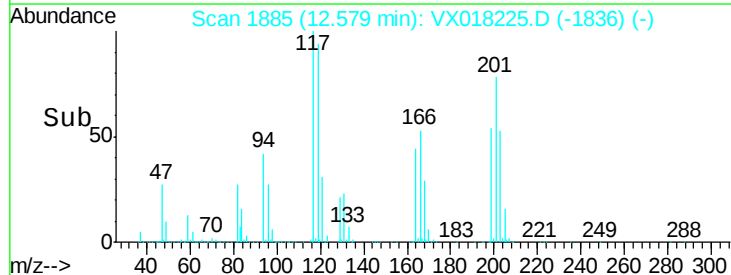
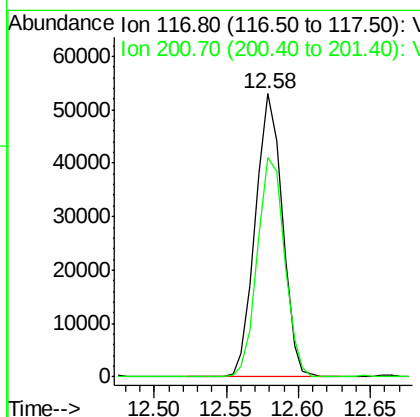
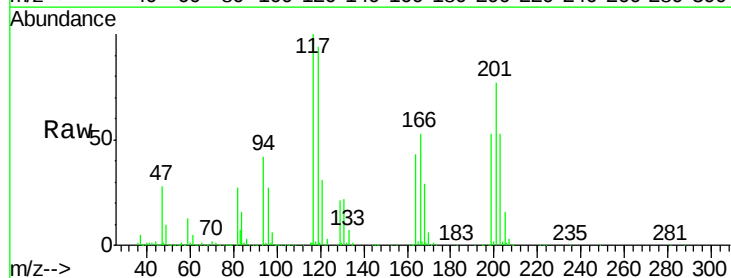
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#90
Hexachloroethane
Concen: 19.333 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018225.D
Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	78.6	38.5	115.3	





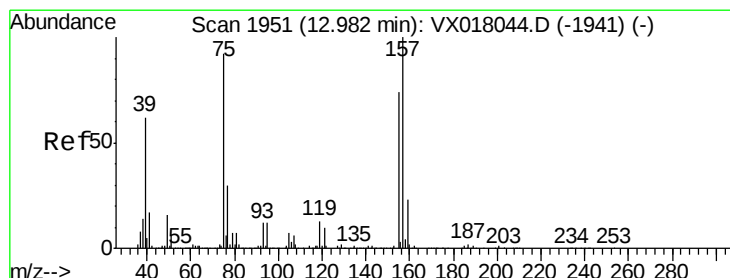
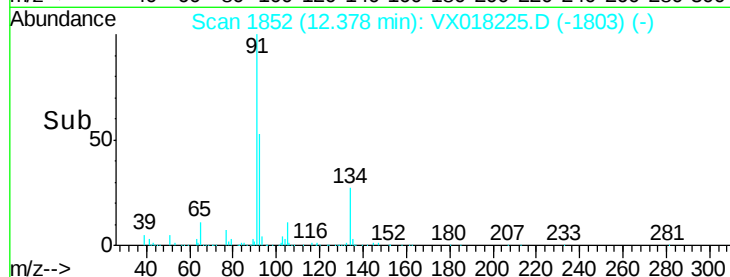
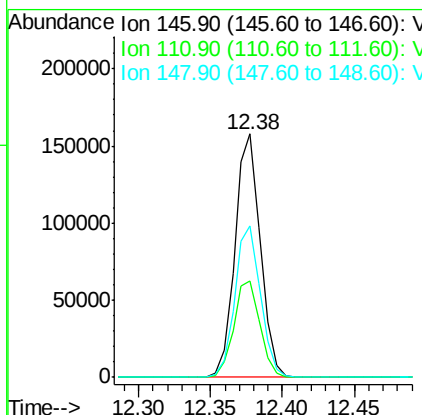
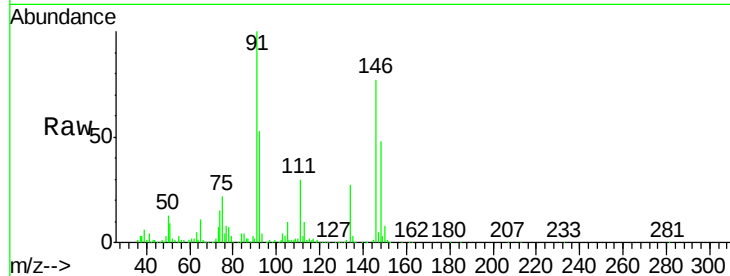
#91
 1,2-Dichlorobenzene
 Concen: 20.060 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	193784		
111	41.1	20.8	62.5	
148	63.2	31.6	95.0	

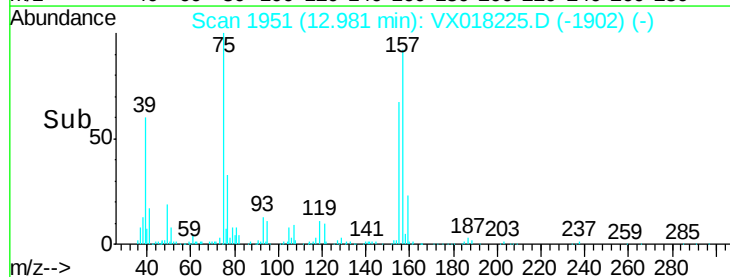
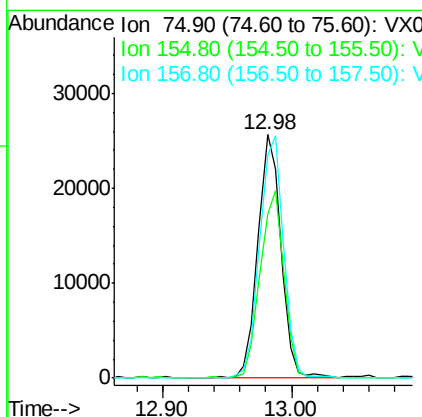
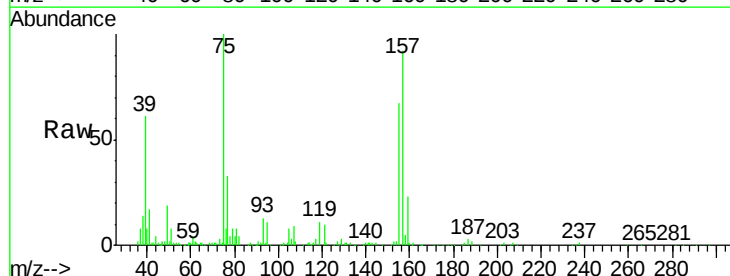
Manual Integrations
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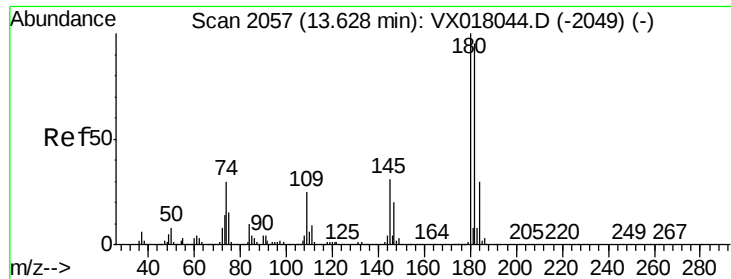
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.032 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31768		
155	79.3	40.2	120.6	
157	102.6	55.0	165.2	





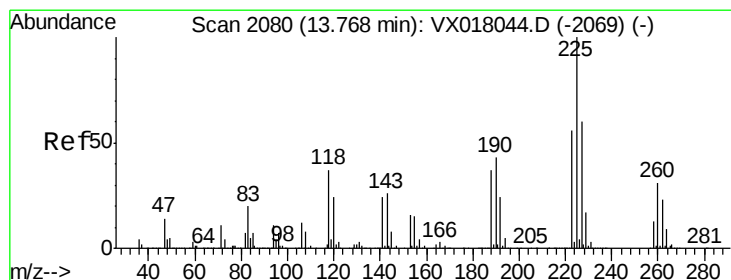
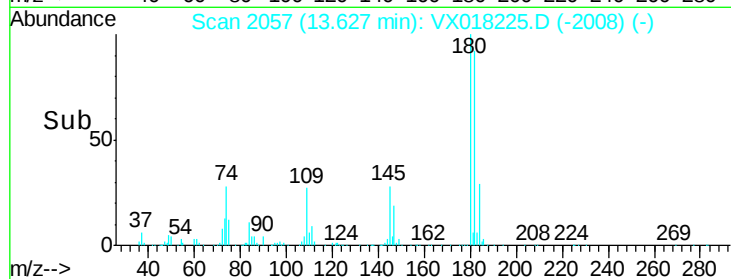
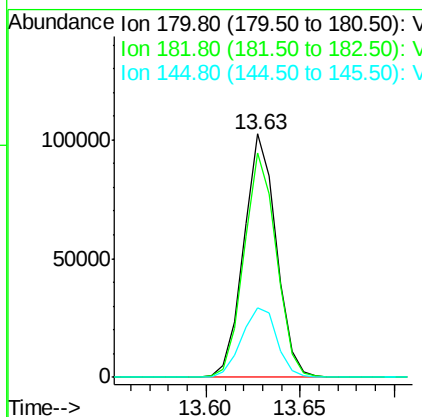
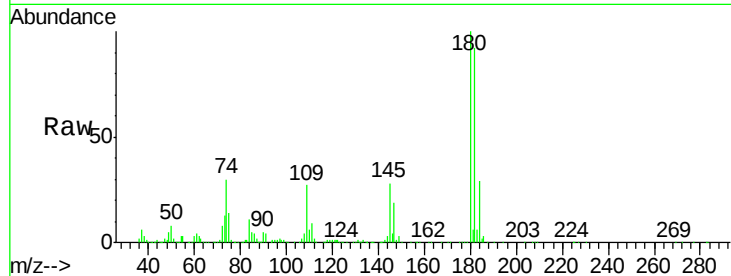
#93
 1,2,4-Trichlorobenzene
 Concen: 18.999 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Instrument :
 MSVOA_X
 ClientSampled :
 VX0903WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	122385		
182	91.6	47.5	142.6	
145	31.2	15.7	47.1	

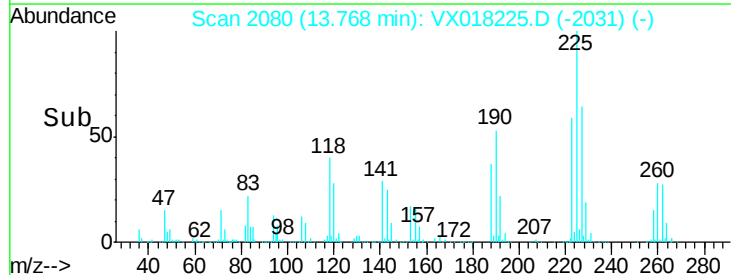
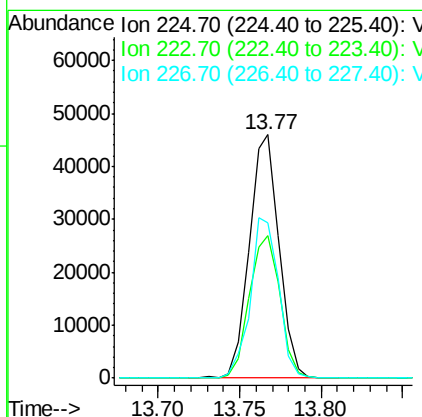
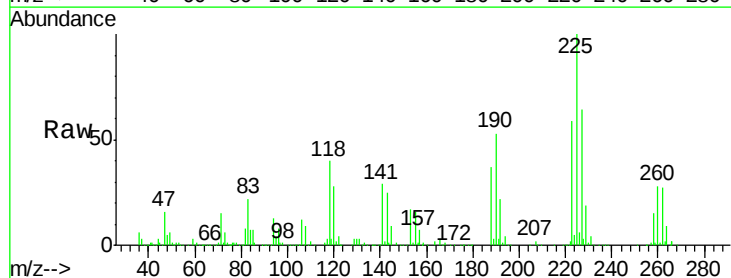
Manual Integrations
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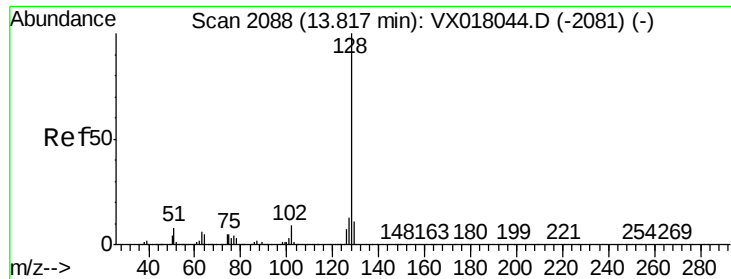
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#94
 Hexachlorobutadiene
 Concen: 22.967 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018225.D
 Acq: 03 Sep 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58356		
223	60.4	30.7	92.1	
227	63.2	32.6	97.8	





#95

Naphthalene

Concen: 17.399 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Instrument :

MSVOA_X

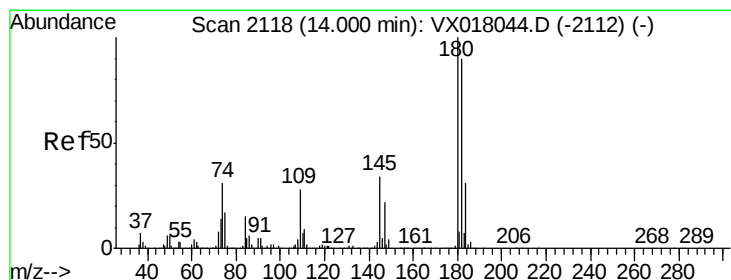
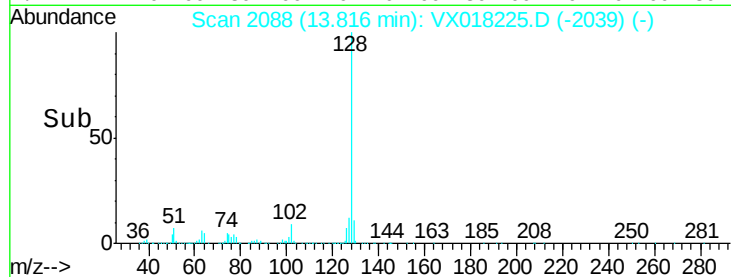
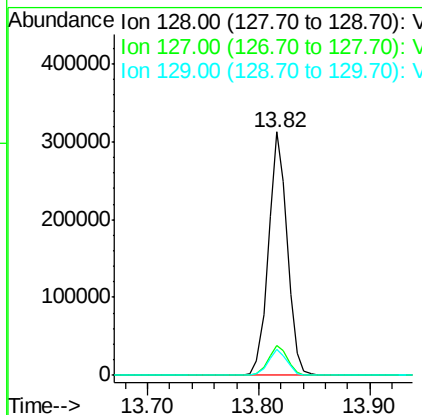
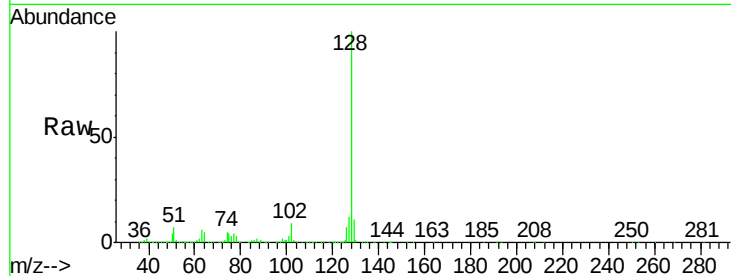
ClientSampleId :

VX0903WBSD01

Tot Ion:	128	Resp:	368865
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/4/2020 9:29:00 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.381 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018225.D

Acq: 03 Sep 2020 11:36

Tgt Ion:	180	Resp:	116997
Ion Ratio	Lower	Upper	
180	100		
182	99.2	47.3	142.0
145	35.4	17.5	52.6

