

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017762.D
 Acq On : 04 Aug 2020 11:59
 Operator : JC/SP
 Sample : VX0804WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/5/2020 2:51:17 PM

Quant Time: Aug 05 02:12:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	490144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	748407	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	694050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	373467	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	331295	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	5.46	113	258760	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	8.70	98	959883	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	11.12	95	358528	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	83577	17.722	ug/l	99
3) Chloromethane	1.32	50	97833	16.396	ug/l	100
4) Vinyl Chloride	1.39	62	102932	16.688	ug/l	99
5) Bromomethane	1.63	94	76672	21.385	ug/l	97
6) Chloroethane	1.72	64	65173	18.684	ug/l	98
7) Trichlorofluoromethane	1.92	101	179054	18.457	ug/l	100
8) Diethyl Ether	2.17	74	64307	19.618	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95813	17.997	ug/l	97
10) Methyl Iodide	2.50	142	115233	16.919	ug/l	94
11) Tert butyl alcohol	3.01	59	123159	92.813	ug/l	97
12) 1,1-Dichloroethene	2.36	96	89183	17.616	ug/l	96
13) Acrolein	2.27	56	60256	62.637	ug/l	95
14) Allyl chloride	2.71	41	179340	19.400	ug/l	98
15) Acrylonitrile	3.12	53	263946	92.093	ug/l	99
16) Acetone	2.42	43	270912	97.762	ug/l	94
17) Carbon Disulfide	2.55	76	242258	15.743	ug/l	99
18) Methyl Acetate	2.75	43	137111	21.009	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	327269	18.677	ug/l	100
20) Methylene Chloride	2.84	84	109808	20.276	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	94088	17.348	ug/l	94
22) Diisopropyl ether	3.82	45	338987	20.055	ug/l	93
23) Vinyl Acetate	3.78	43	1406455	93.322	ug/l	98
24) 1,1-Dichloroethane	3.67	63	178562	18.339	ug/l	99
25) 2-Butanone	4.63	43	374017	95.008	ug/l	99
26) 2,2-Dichloropropane	4.56	77	161297	18.506	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	109635	18.611	ug/l	99
28) Bromochloromethane	4.98	49	79041	17.913	ug/l	96
29) Tetrahydrofuran	5.09	42	238648	97.867	ug/l	100
30) Chloroform	5.18	83	190850	19.183	ug/l	98
31) Cyclohexane	5.54	56	138695	17.862	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	179597	19.143	ug/l	99
36) 1,1-Dichloropropene	5.77	75	130405	18.168	ug/l	99
37) Ethyl Acetate	4.79	43	140591	17.901	ug/l	97
38) Carbon Tetrachloride	5.75	117	162381	18.629	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	139734	16.676	ug/l	97
40) Benzene	6.11	78	375846	18.264	ug/l	94
41) Methacrylonitrile	5.01	41	77851	17.294	ug/l	92
42) 1,2-Dichloroethane	6.16	62	162734	19.330	ug/l	99
43) Isopropyl Acetate	6.41	43	241999	18.675	ug/l	99
44) Trichloroethene	7.18	130	114082	18.970	ug/l	95
45) 1,2-Dichloropropane	7.49	63	105423	18.480	ug/l	94
46) Dibromomethane	7.64	93	76239	18.910	ug/l	98
47) Bromodichloromethane	7.87	83	159970	19.720	ug/l	97
48) Methyl methacrylate	7.74	41	119814	18.653	ug/l	99
49) 1,4-Dioxane	7.71	88	47307	384.144	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	760058	98.305	ug/l	99
52) Toluene	8.76	92	260868	19.766	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	170896	18.819	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	176587	19.065	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	108783	19.787	ug/l	96
56) Ethyl methacrylate	9.16	69	154594	18.664	ug/l	98
57) 1,3-Dichloropropane	9.35	76	176432	19.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	380043	87.091	ug/l	99
59) 2-Hexanone	9.47	43	568620	97.683	ug/l	97
60) Dibromochloromethane	9.56	129	134015	19.179	ug/l	100
61) 1,2-Dibromoethane	9.65	107	118017	20.163	ug/l	99
64) Tetrachloroethene	9.32	164	124317	19.957	ug/l	97
65) Chlorobenzene	10.12	112	281253	18.722	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	116122	19.152	ug/l	98
67) Ethyl Benzene	10.24	91	481933	19.218	ug/l	99
68) m/p-Xylenes	10.34	106	362004	37.263	ug/l	96
69) o-Xylene	10.68	106	171852	18.393	ug/l	99
70) Styrene	10.70	104	302784	19.046	ug/l	98
71) Bromoform	10.84	173	99435	18.930	ug/l #	97
73) Isopropylbenzene	11.00	105	471460	18.402	ug/l	99
74) N-amyl acetate	10.88	43	201993	17.745	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	148503	18.570	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	155189m	20.201	ug/l	
77) Bromobenzene	11.24	156	130102	18.139	ug/l	98
78) n-propylbenzene	11.34	91	559254	19.354	ug/l	99
79) 2-Chlorotoluene	11.40	91	334950	18.712	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	417909	19.104	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	54920	18.013	ug/l	96
82) 4-Chlorotoluene	11.49	91	404157	19.141	ug/l	99
83) tert-Butylbenzene	11.76	119	394092	18.828	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	418797	19.249	ug/l	99
85) sec-Butylbenzene	11.93	105	482206	19.776	ug/l	99
86) p-Isopropyltoluene	12.05	119	444615	19.148	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	240933	19.561	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	238124	18.665	ug/l	99
89) n-Butylbenzene	12.37	91	374526	18.101	ug/l	99
90) Hexachloroethane	12.58	117	86456	18.886	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	227196	18.768	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	38559	18.748	ug/l	98

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ClientSampleId :
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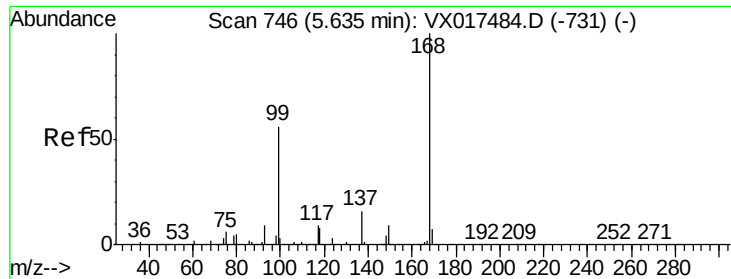
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	153286	18.553	ug/l	98
94) Hexachlorobutadiene	13.77	225	73708	19.381	ug/l	97
95) Naphthalene	13.82	128	483945	19.622	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	161095	19.748	ug/l	100

(#) = 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. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBSD01

Tgt Ion: 168 Resp: 490144

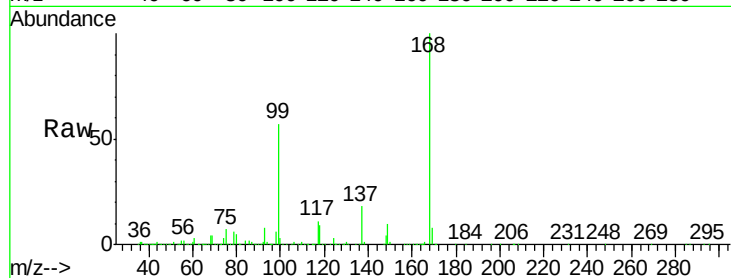
Ion Ratio Lower Upper

168 100

99 56.7 43.4 65.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

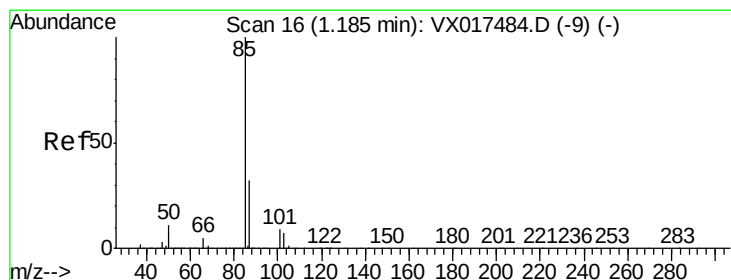
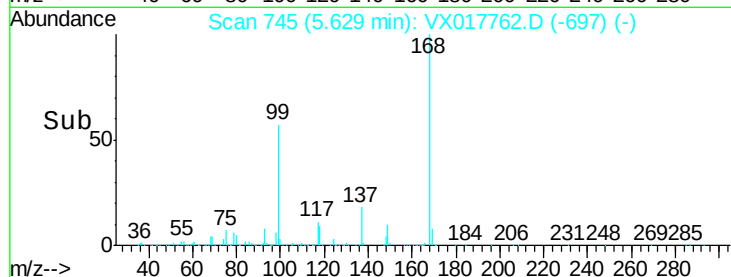
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.722 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017762.D

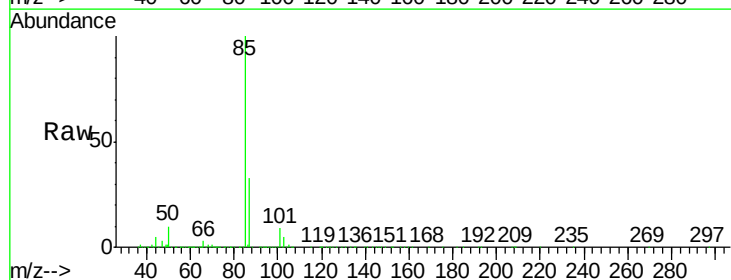
Acq: 04 Aug 2020 11:59

Tgt Ion: 85 Resp: 83577

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

100000

80000

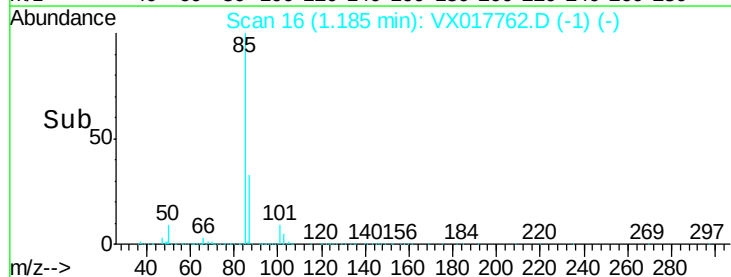
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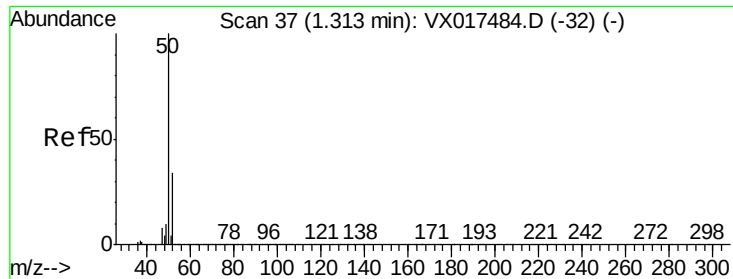
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20000

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Time-->





#3

Chloromethane

Concen: 16.396 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBSD01

Tgt Ion: 50 Resp: 97833

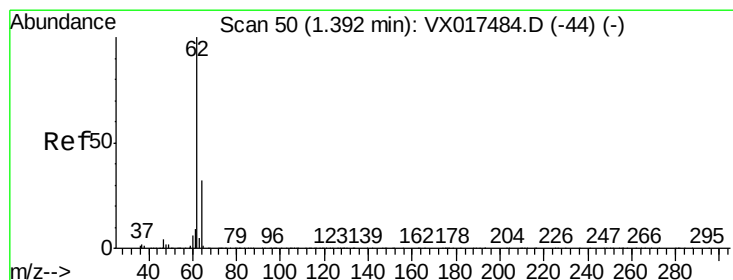
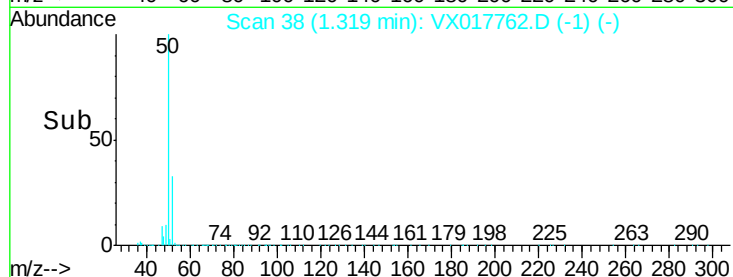
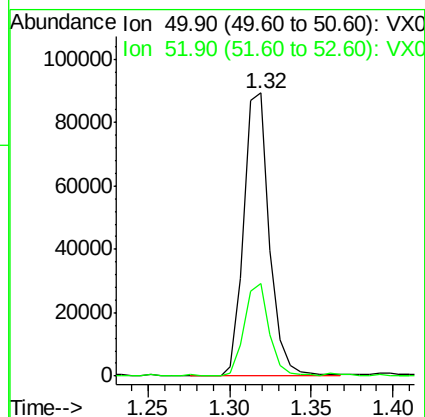
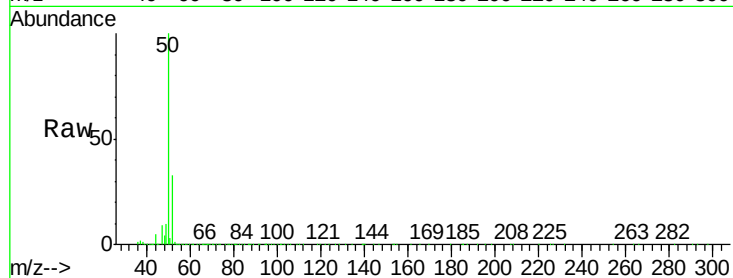
Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9

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#4

Vinyl Chloride

Concen: 16.688 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017762.D

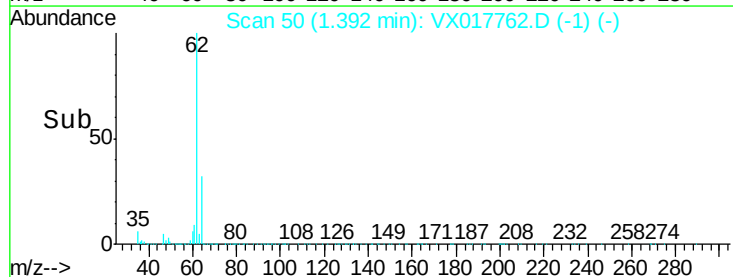
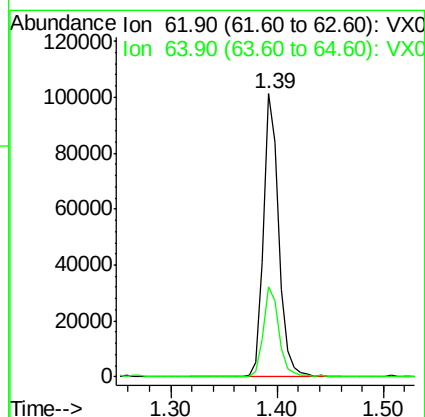
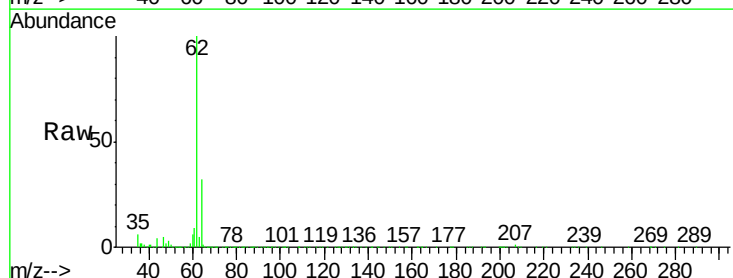
Acq: 04 Aug 2020 11:59

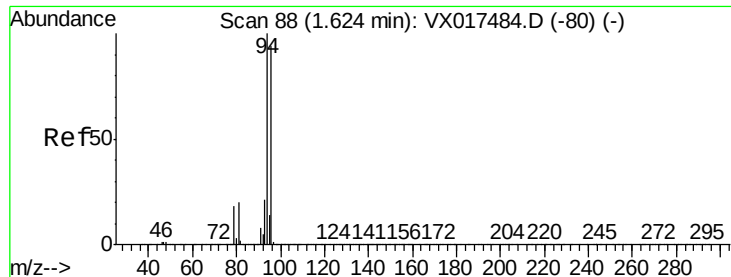
Tgt Ion: 62 Resp: 102932

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 21.385 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampled :

VX0804WBSD01

Tgt Ion: 94 Resp: 76672

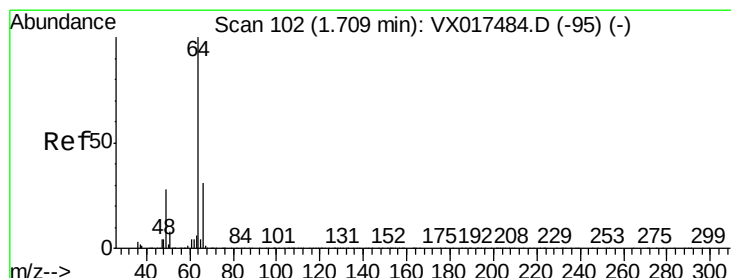
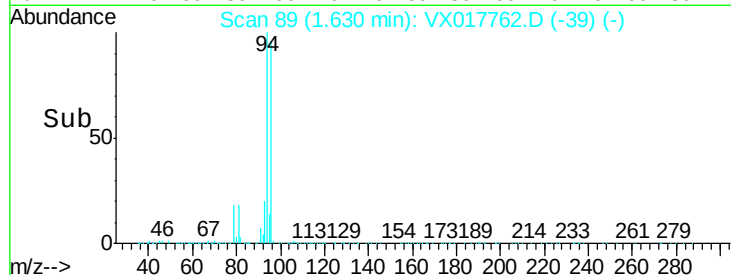
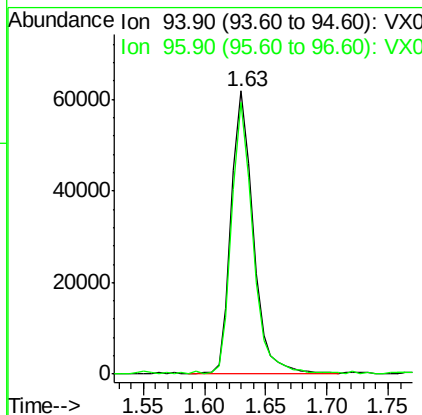
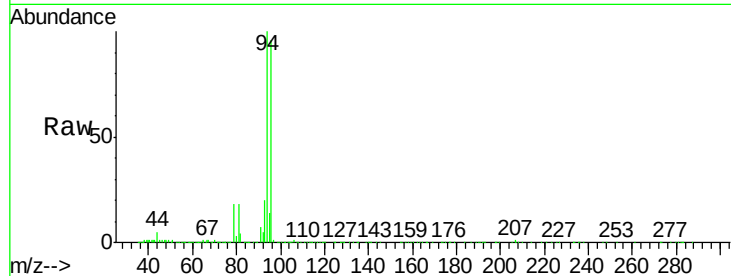
Ion Ratio Lower Upper

94 100

96 95.9 74.1 111.1

Manual Integrations
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#6

Chloroethane

Concen: 18.684 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017762.D

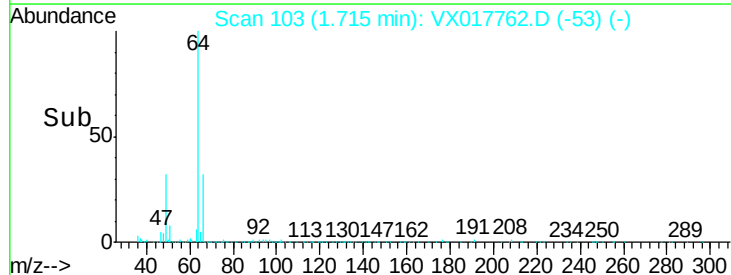
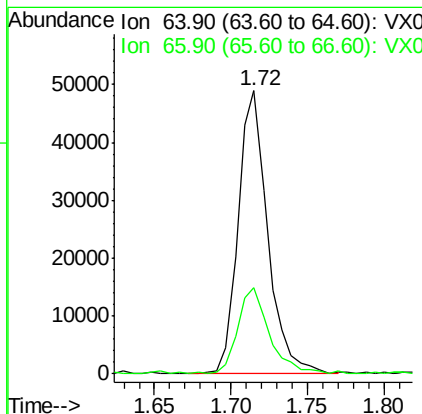
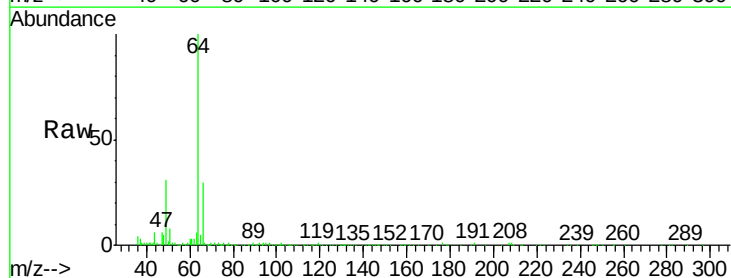
Acq: 04 Aug 2020 11:59

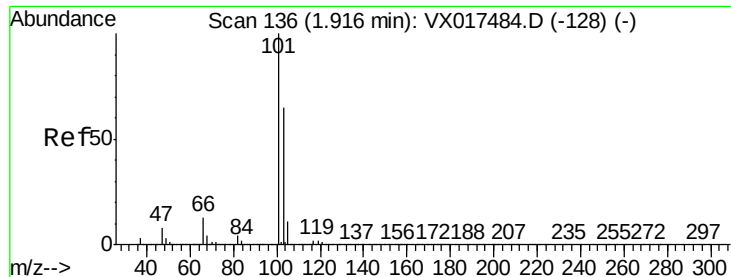
Tgt Ion: 64 Resp: 65173

Ion Ratio Lower Upper

64 100

66 30.1 24.9 37.3





#7

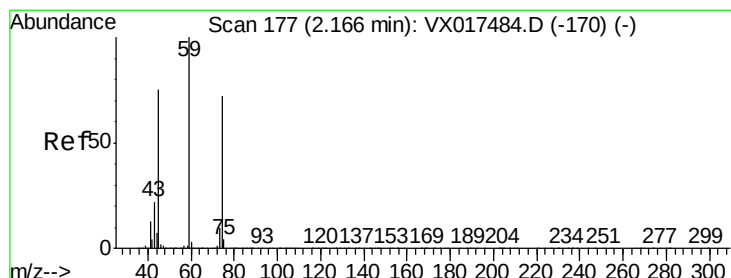
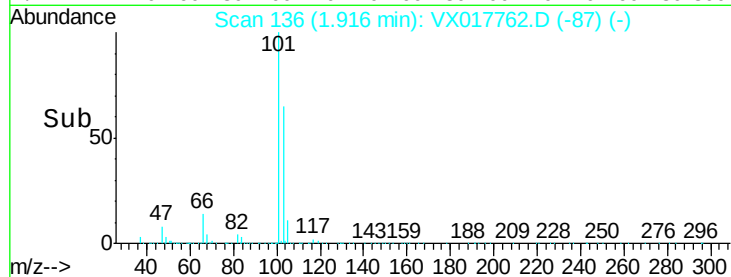
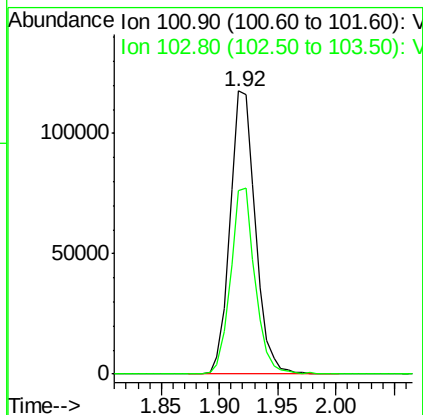
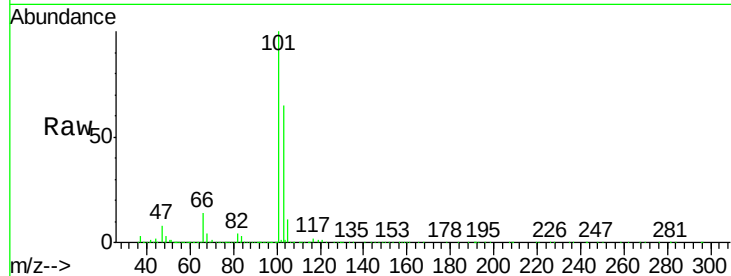
Trichlorofluoromethane
 Concen: 18.457 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

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 ClientSampleId :
 VX0804WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.8	77.8

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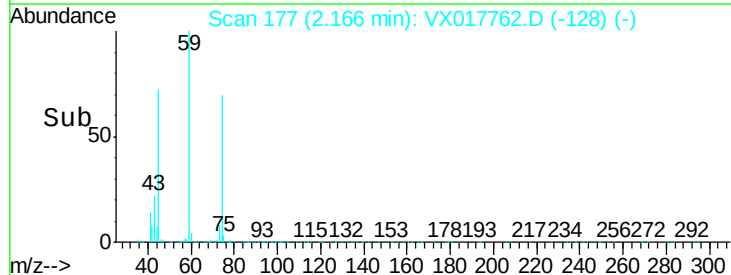
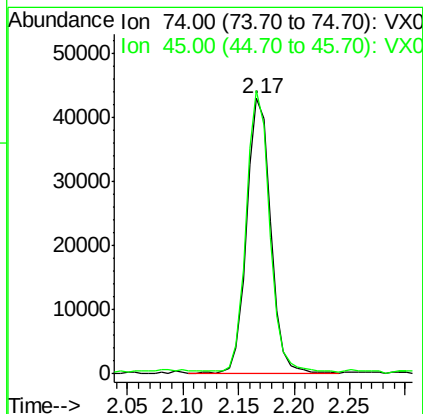
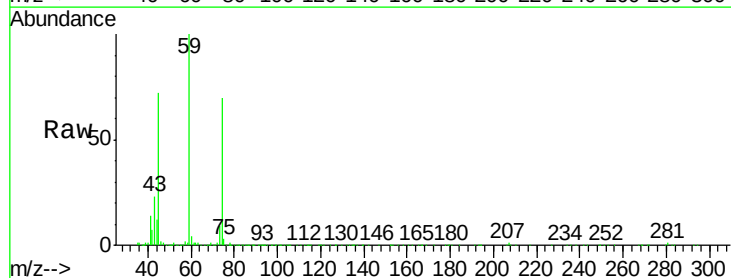
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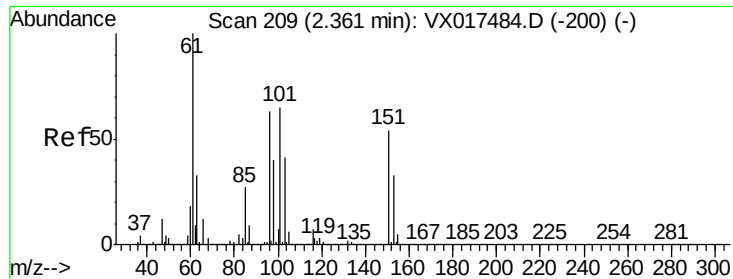


#8

Diethyl Ether
 Concen: 19.618 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.997 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

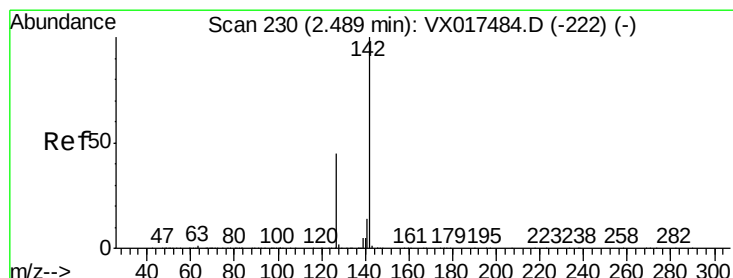
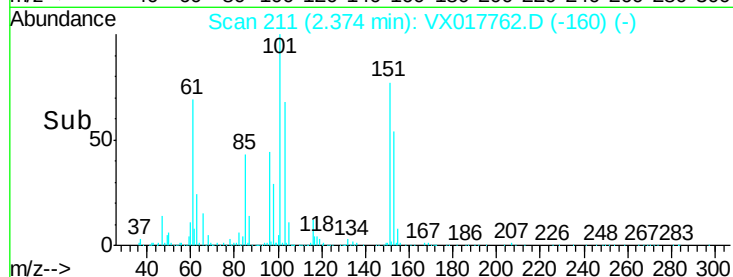
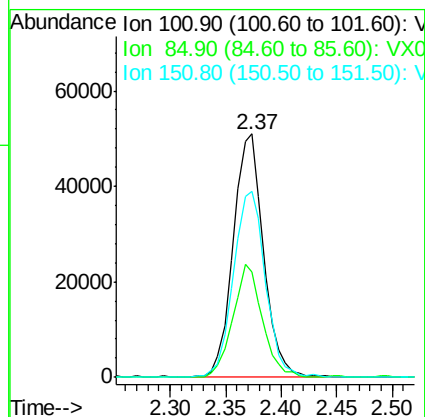
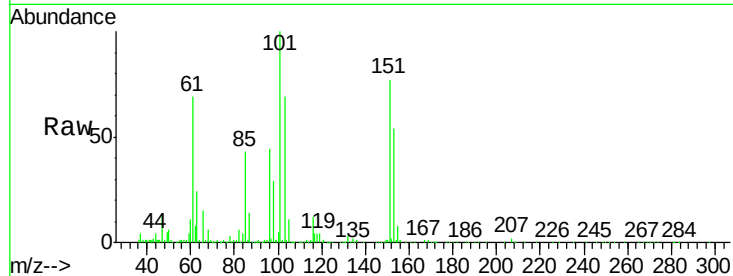
ClientSampleId :

VX0804WBSD01

Tgt Ion:	101	Resp:	95813
Ion Ratio	Lower	Upper	
101	100		
85	44.4	34.8	52.2
151	81.2	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 16.919 ug/l

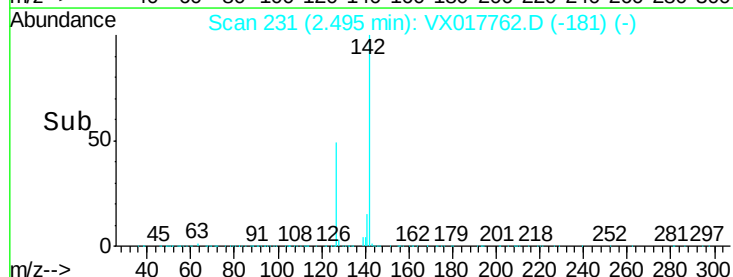
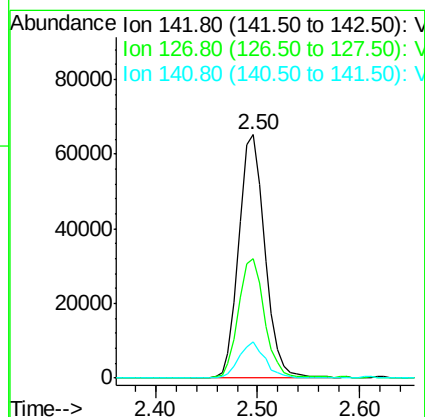
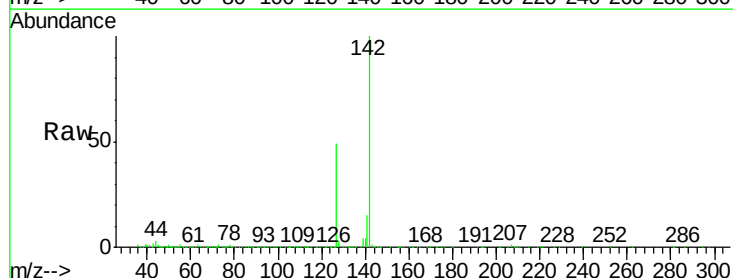
RT: 2.50 min Scan# 231

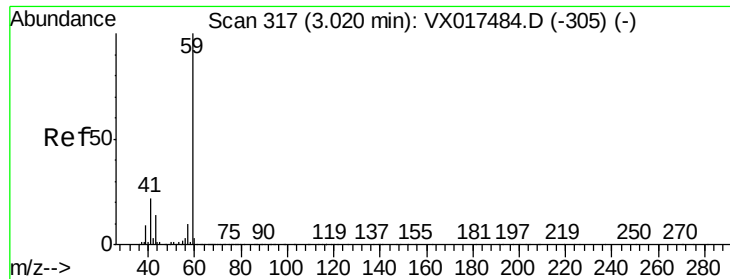
Delta R.T. 0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Tgt Ion:	142	Resp:	115233
Ion Ratio	Lower	Upper	
142	100		
127	49.7	35.9	53.9
141	14.7	11.4	17.0





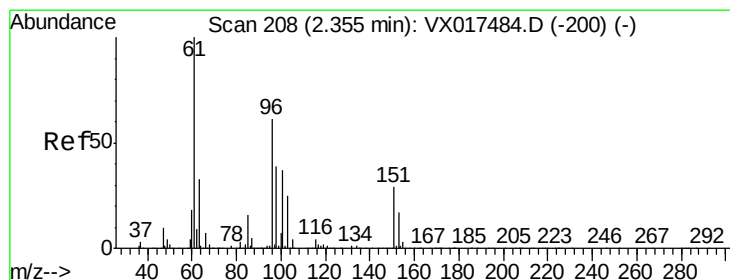
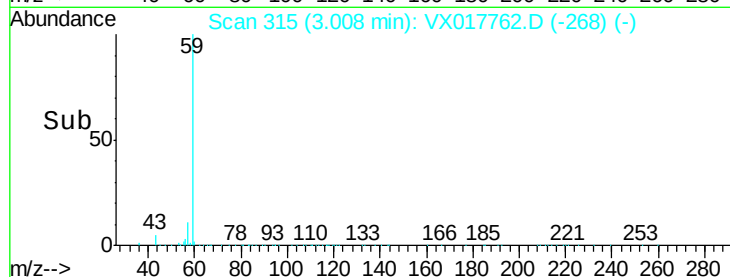
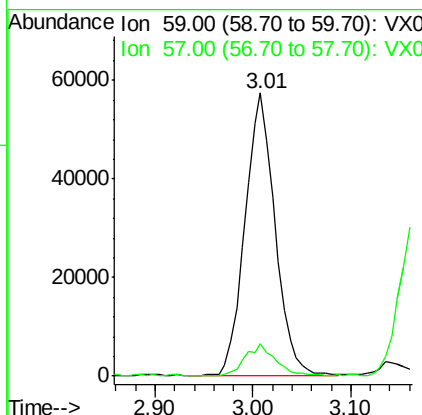
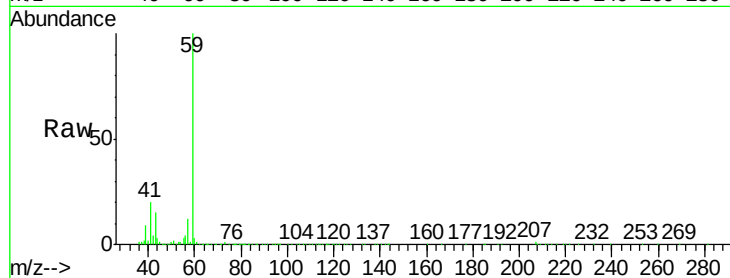
#11
Tert butyl alcohol
Concen: 92.813 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.7	8.6	12.8

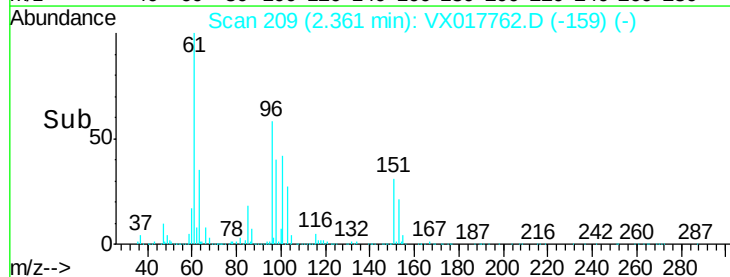
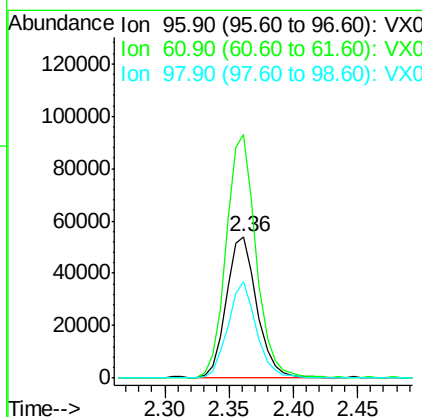
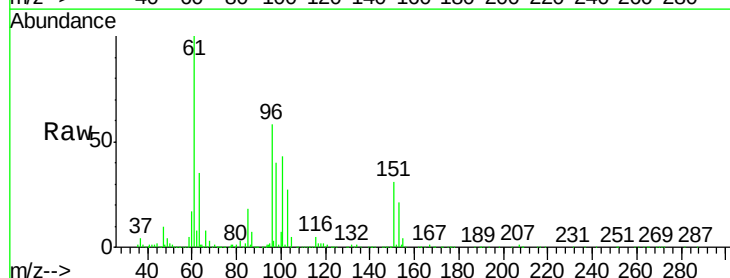
Manual Integrations
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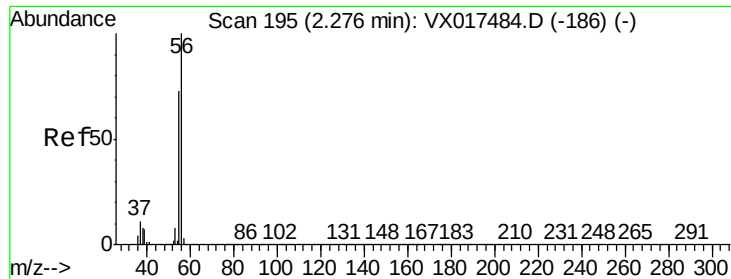
MMDadoda
8/5/2020 2:51:17 PM



#12
1,1-Dichloroethene
Concen: 17.616 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.3	134.0	201.0
98	68.1	51.0	76.4





#13

Acrolein

Concen: 62.637 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBSD01

Tgt Ion: 56 Resp: 60256

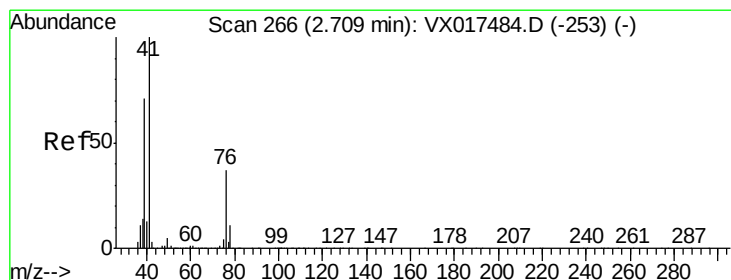
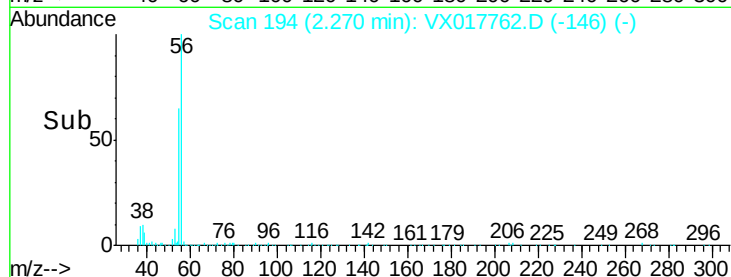
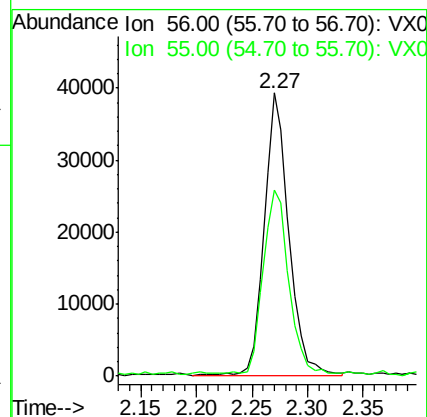
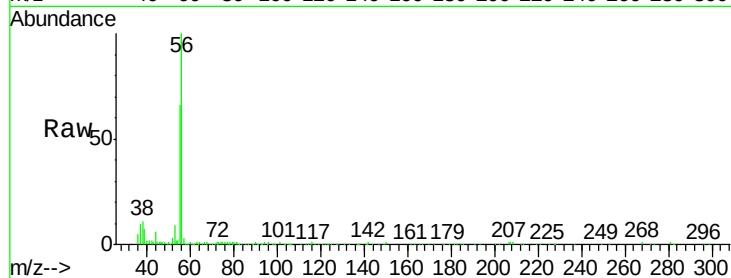
Ion Ratio Lower Upper

56 100

55 67.3 57.4 86.2

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#14

Allyl chloride

Concen: 19.400 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

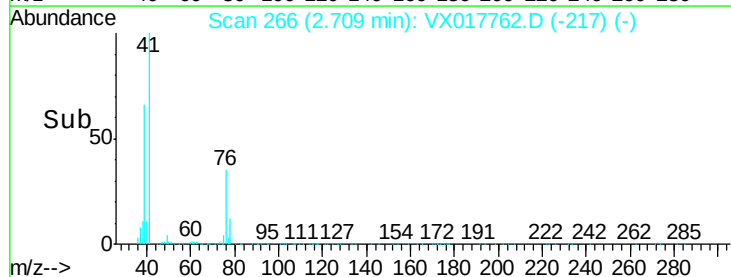
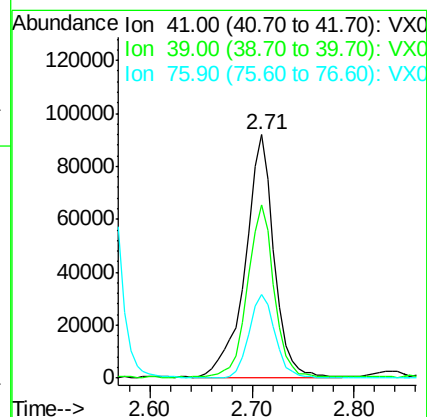
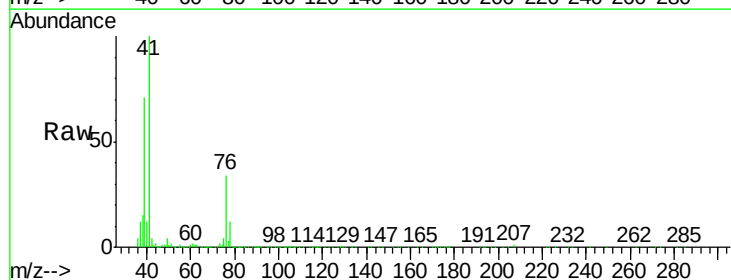
Tgt Ion: 41 Resp: 179340

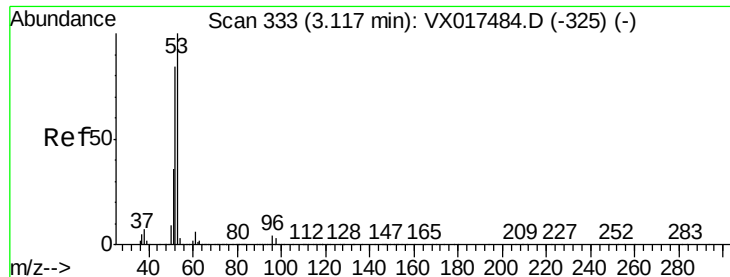
Ion Ratio Lower Upper

41 100

39 66.1 51.9 77.9

76 30.9 25.5 38.3





#15

Acrylonitrile

Concen: 92.093 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

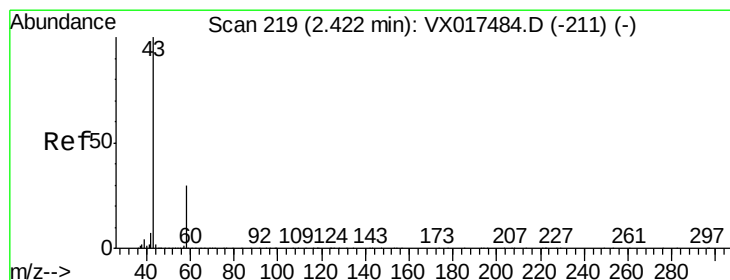
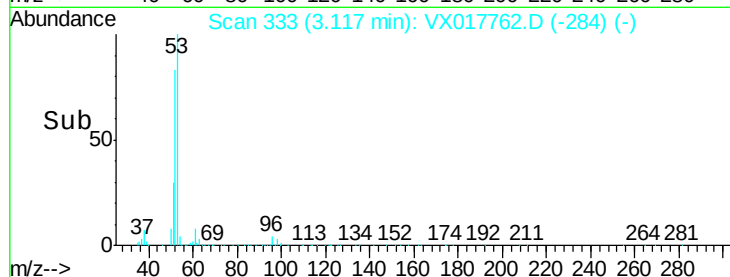
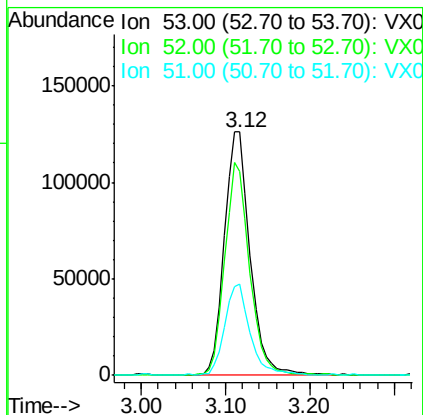
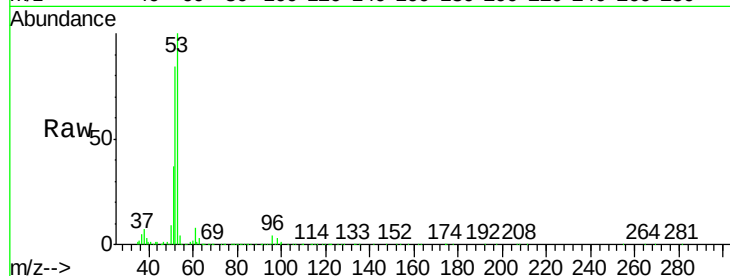
ClientSampleId :

VX0804WBSD01

Tgt Ion:	53	Resp:	263946
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.6	99.8
51	36.7	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 97.762 ug/l

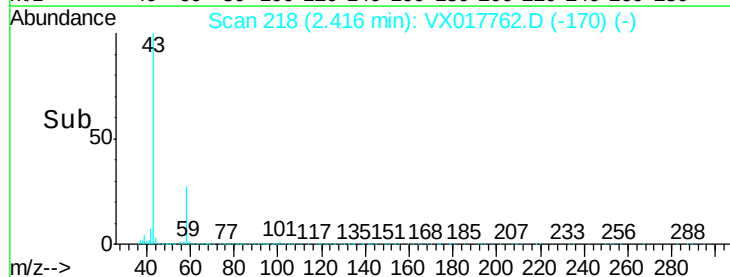
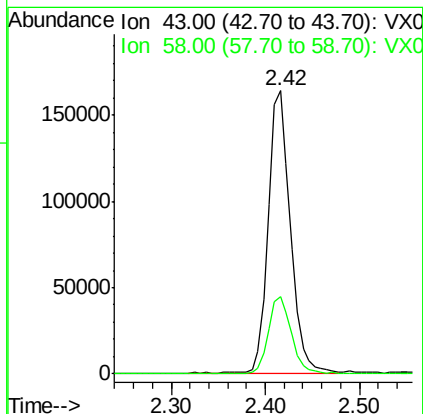
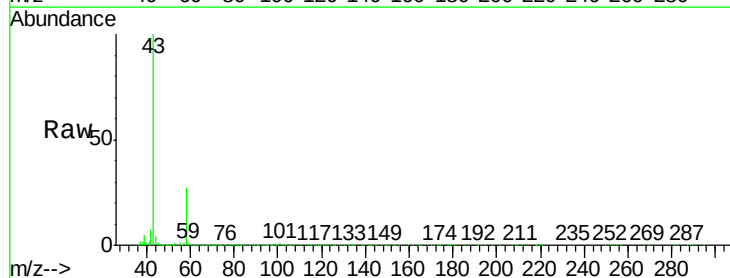
RT: 2.42 min Scan# 218

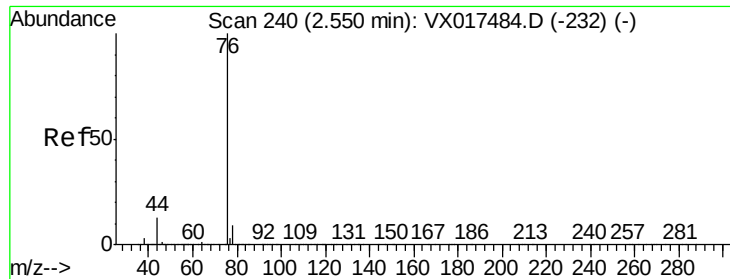
Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Tgt Ion:	43	Resp:	270912
Ion	Ratio	Lower	Upper
43	100		
58	26.9	24.2	36.4





#17

Carbon Disulfide

Concen: 15.743 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBSD01

Tgt Ion: 76 Resp: 242258

Ion Ratio Lower Upper

76 100

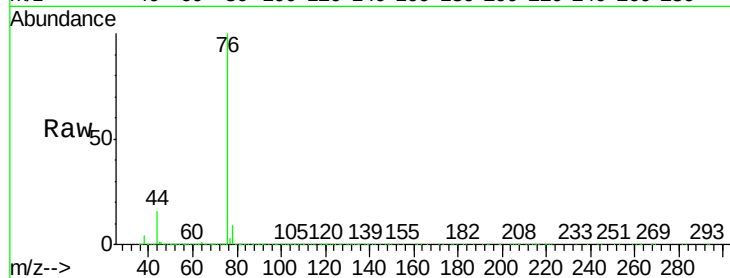
78 9.0 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

100000

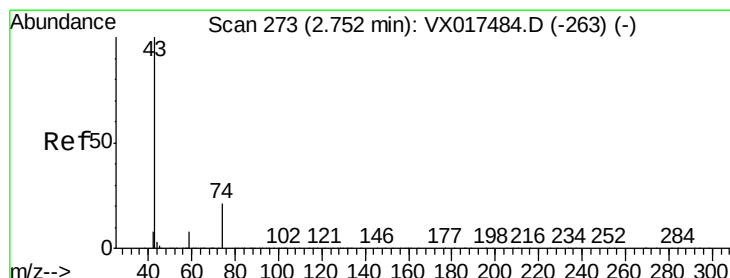
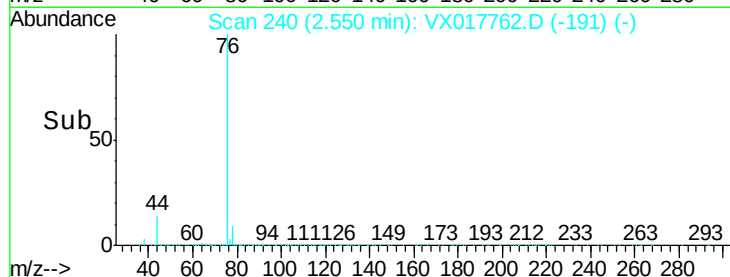
50000

0

2.55

2.60

Time-->



#18

Methyl Acetate

Concen: 21.009 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017762.D

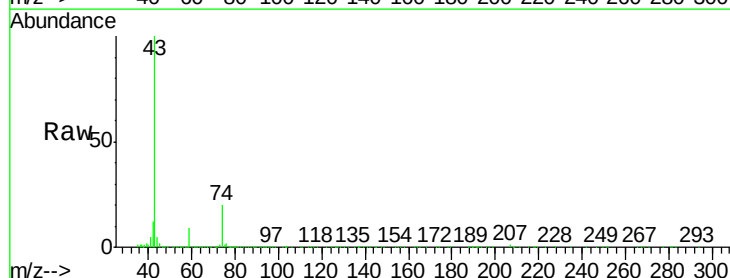
Acq: 04 Aug 2020 11:59

Tgt Ion: 43 Resp: 137111

Ion Ratio Lower Upper

43 100

74 23.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

60000

40000

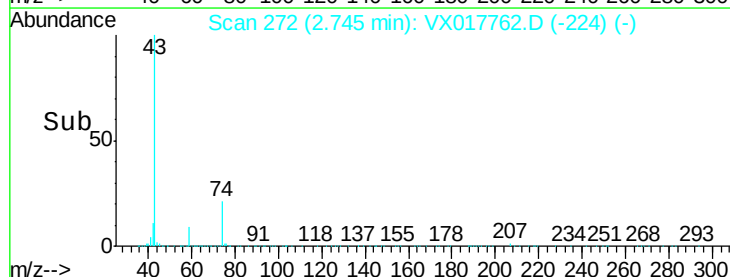
20000

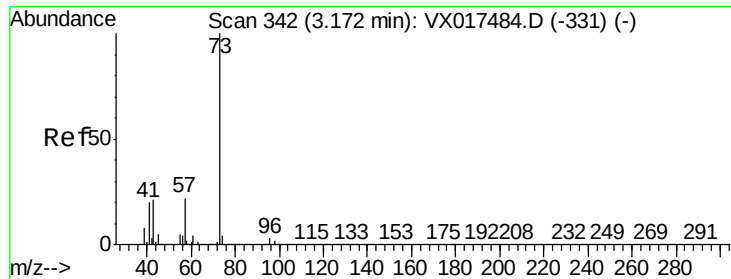
0

2.75

2.80

Time-->





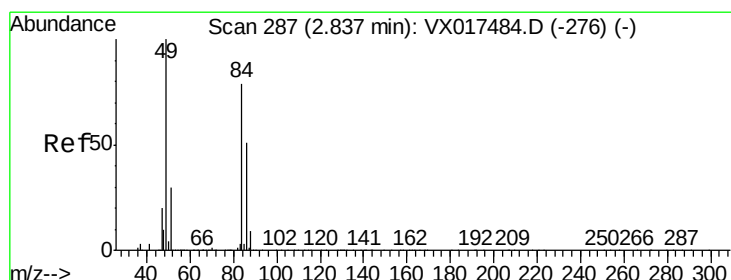
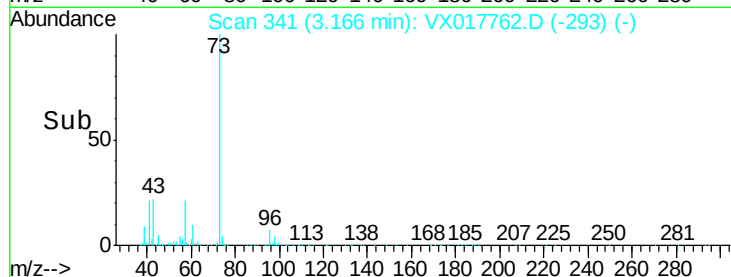
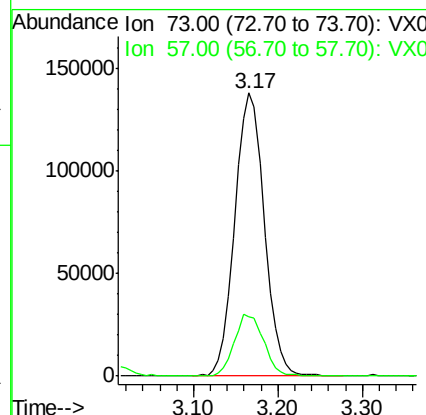
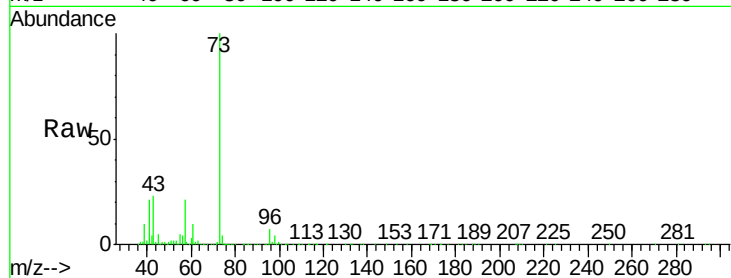
#19
Methyl tert-butyl Ether
Concen: 18.677 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion: 73 Resp: 327269
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.4

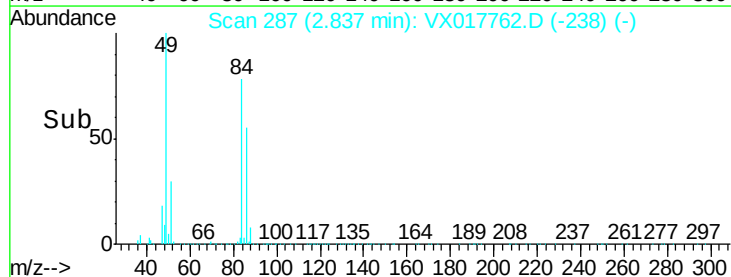
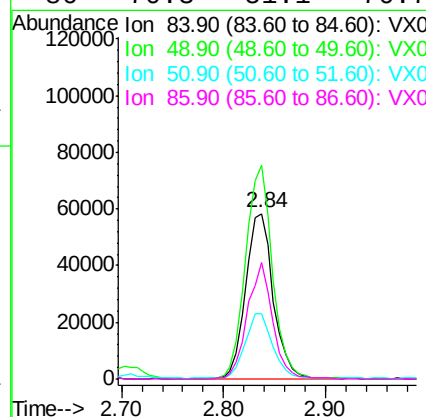
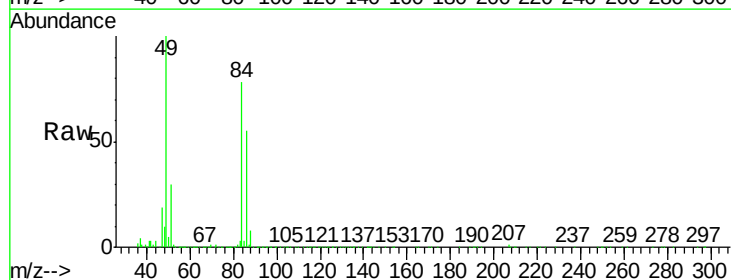
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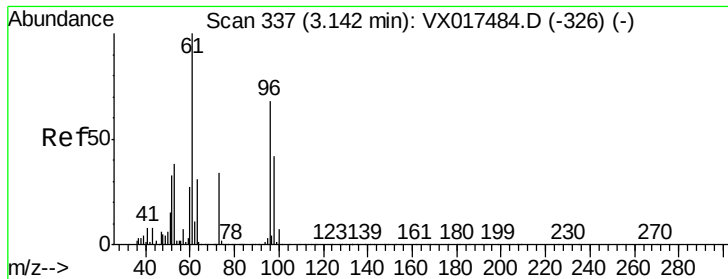
MMDadoda
8/5/2020 2:51:17 PM



#20
Methylene Chloride
Concen: 20.276 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 84 Resp: 109808
Ion Ratio Lower Upper
84 100
49 128.8 100.3 150.5
51 38.6 30.5 45.7
86 70.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.348 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

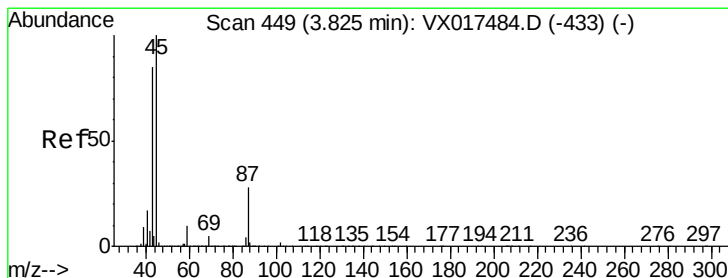
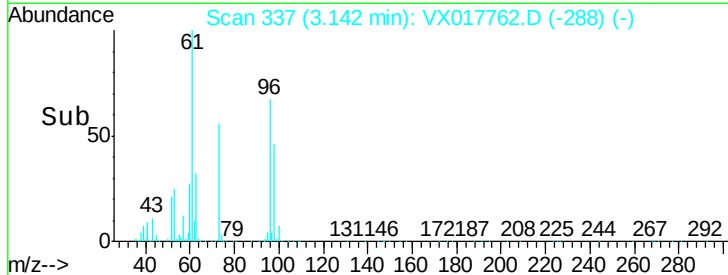
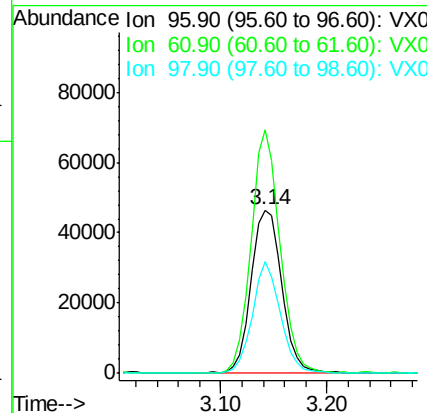
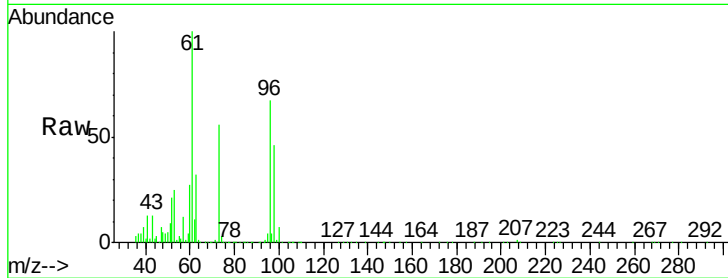
ClientSampleId :

VX0804WBSD01

Tgt Ion:	96	Resp:	94088
Ion	Ratio	Lower	Upper
96	100		
61	149.0	113.0	169.4
98	68.6	51.8	77.8

Manual Integrations
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8/5/2020 2:51:17 PM



#22

Diisopropyl ether

Concen: 20.055 ug/l

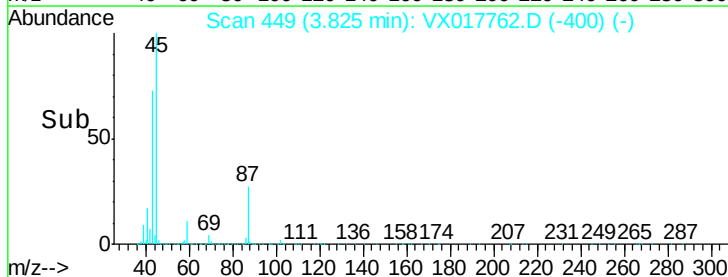
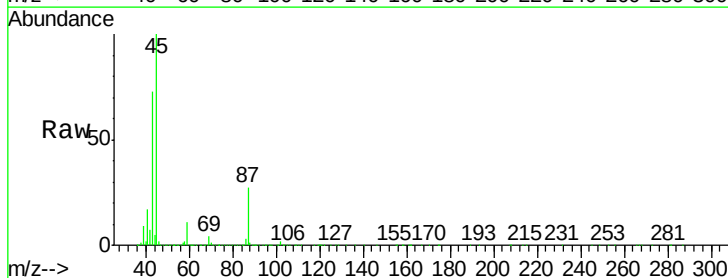
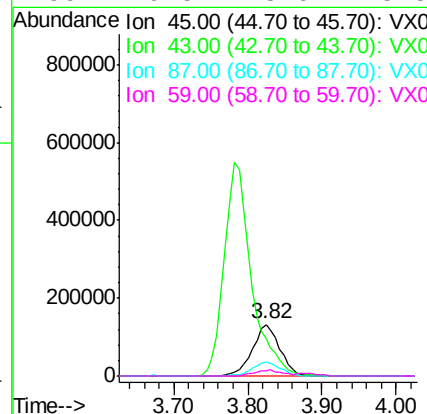
RT: 3.82 min Scan# 449

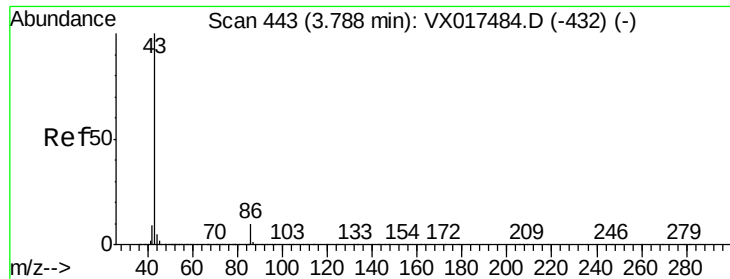
Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Tgt Ion:	45	Resp:	338987
Ion	Ratio	Lower	Upper
45	100		
43	73.0	52.0	78.0
87	26.6	22.2	33.4
59	10.5	8.9	13.3





#23

Vinyl Acetate

Concen: 93.322 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBSD01

Tgt Ion: 43 Resp: 1406455

Ion Ratio Lower Upper

43 100

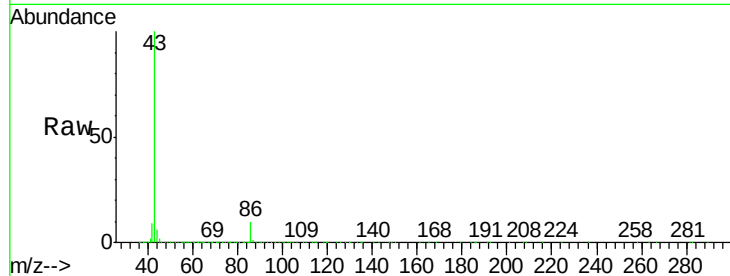
86 9.6 8.2 12.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

600000

500000

400000

300000

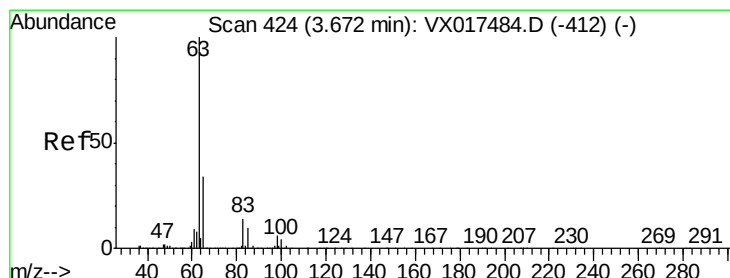
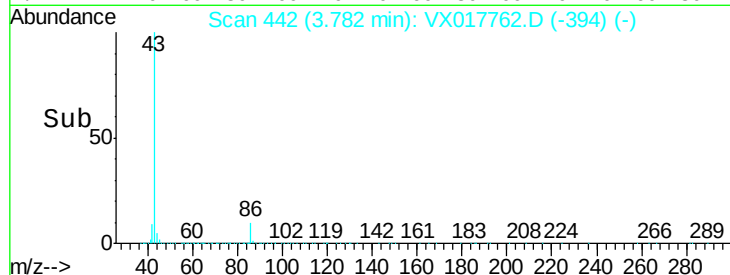
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.339 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

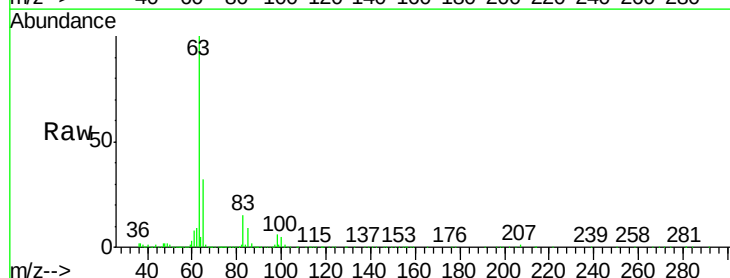
Tgt Ion: 63 Resp: 178562

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.6 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

60000

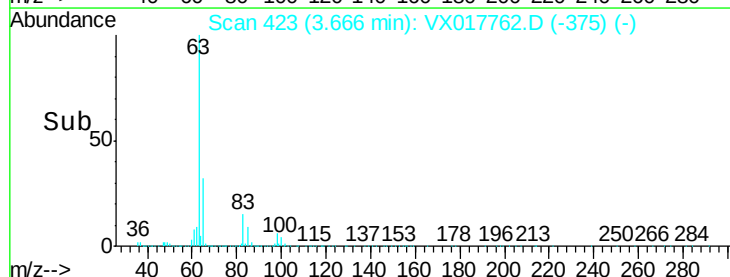
40000

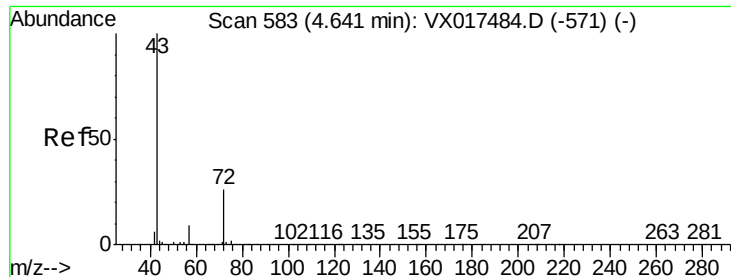
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 95.008 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBSD01

Tgt Ion: 43 Resp: 374017

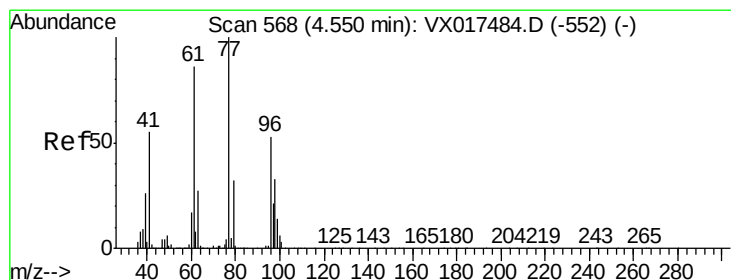
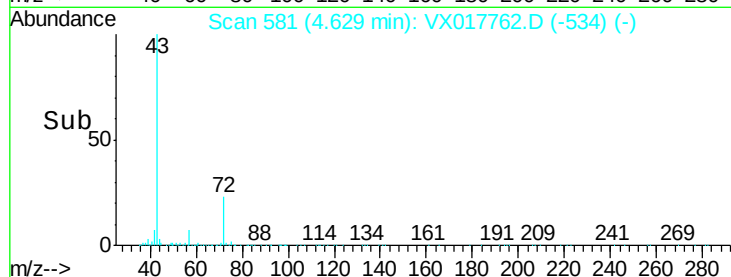
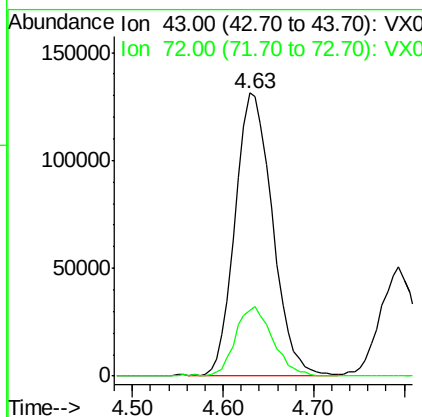
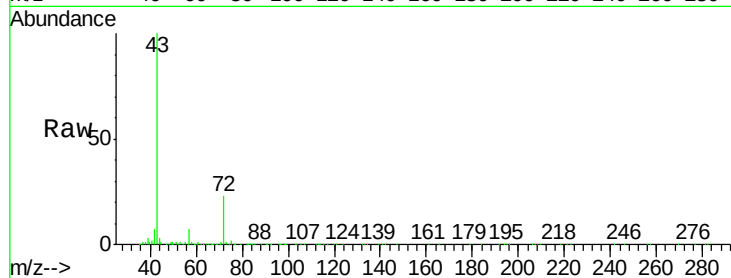
Ion Ratio Lower Upper

43 100

72 23.1 19.0 28.4

Manual Integrations
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MMDadoda
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#26

2,2-Dichloropropane

Concen: 18.506 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017762.D

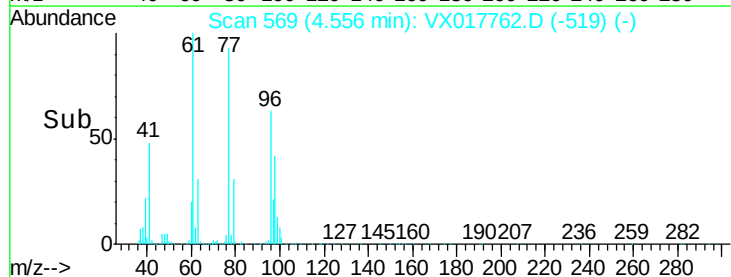
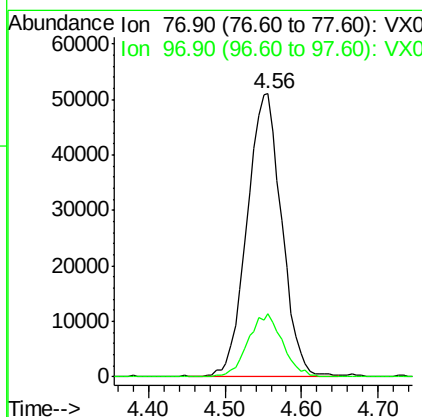
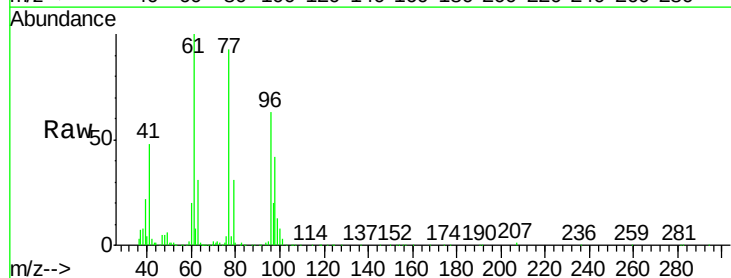
Acq: 04 Aug 2020 11:59

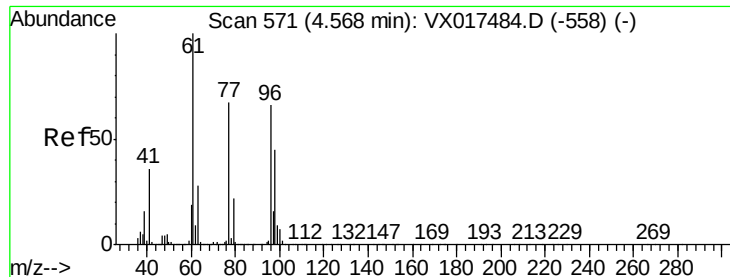
Tgt Ion: 77 Resp: 161297

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.9





#27

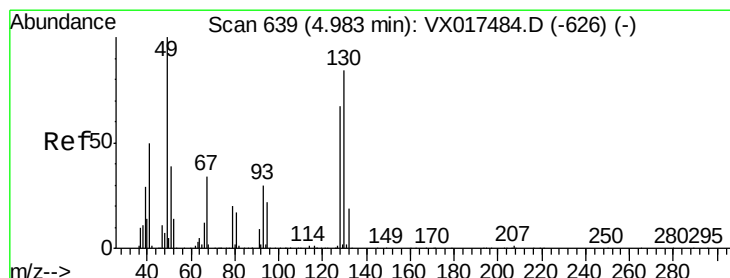
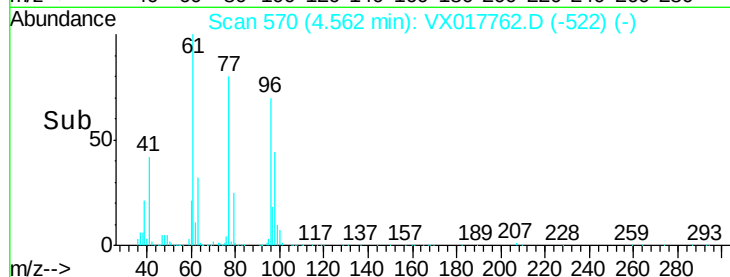
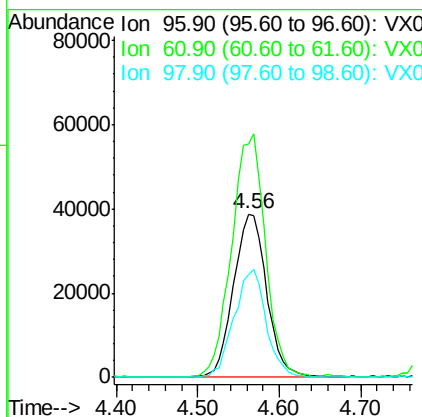
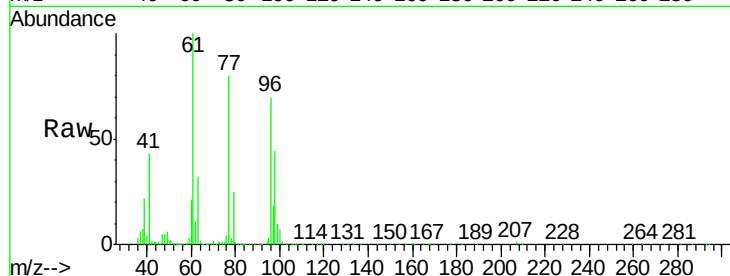
cis-1,2-Dichloroethene
Concen: 18.611 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
96	100		
61	150.3	0.0	301.2
98	62.8	0.0	130.0

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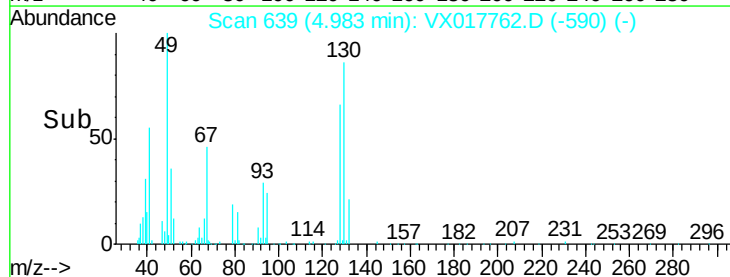
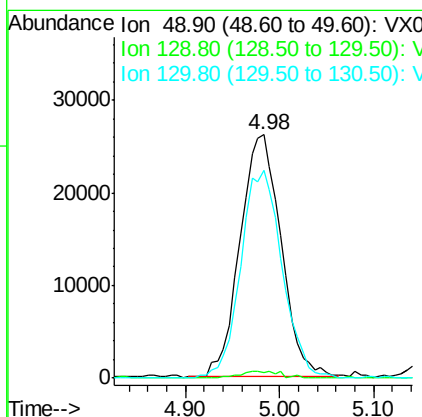
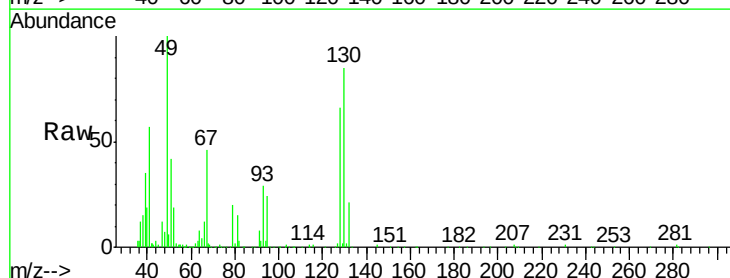
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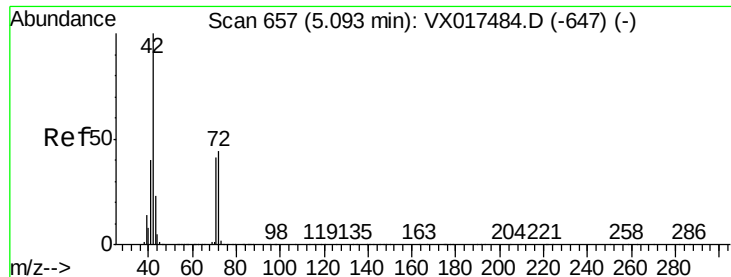


#28

Bromochloromethane
Concen: 17.913 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
49	100		
129	2.7	0.0	4.6
130	87.0	66.7	100.1





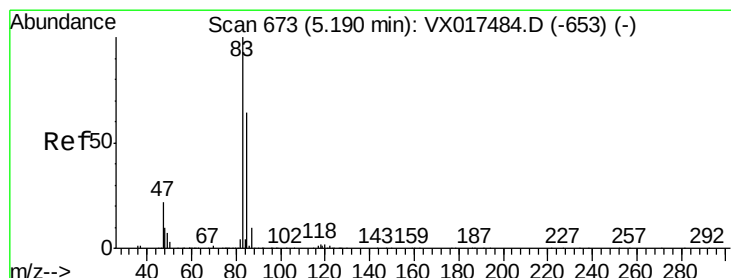
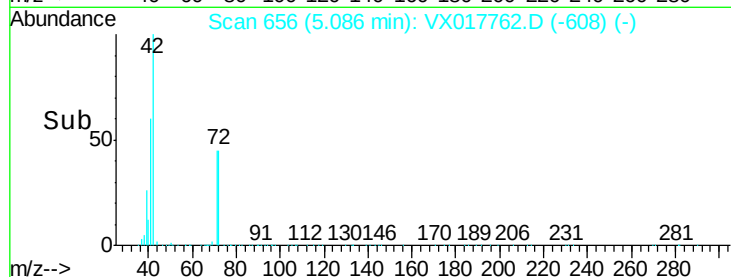
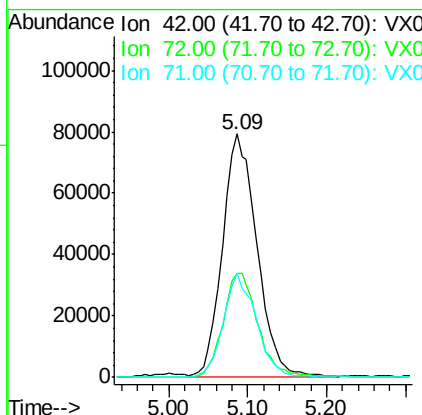
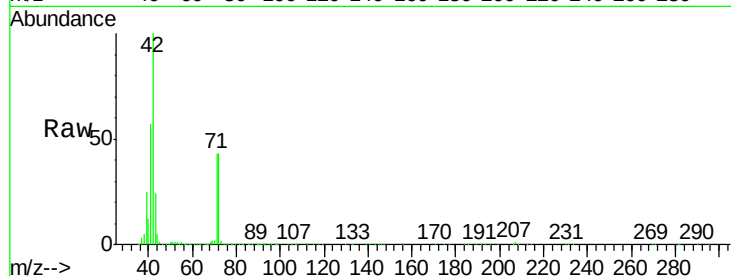
#29
Tetrahydrofuran
Concen: 97.867 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.5	53.3
71	41.0	33.0	49.4

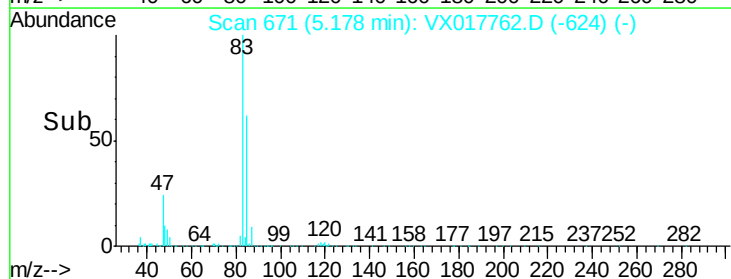
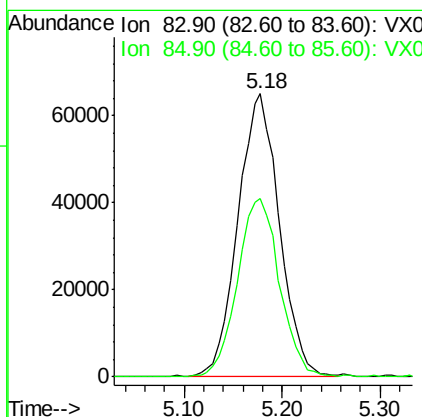
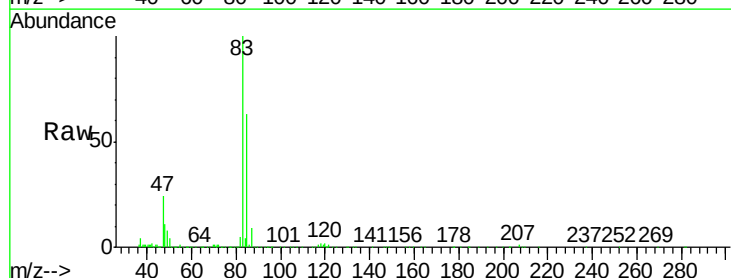
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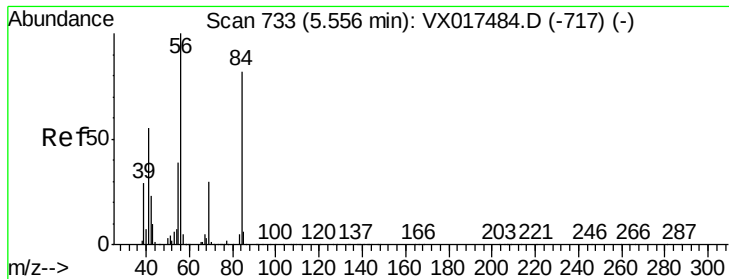
MMDadoda
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#30
Chloroform
Concen: 19.183 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.4	77.2





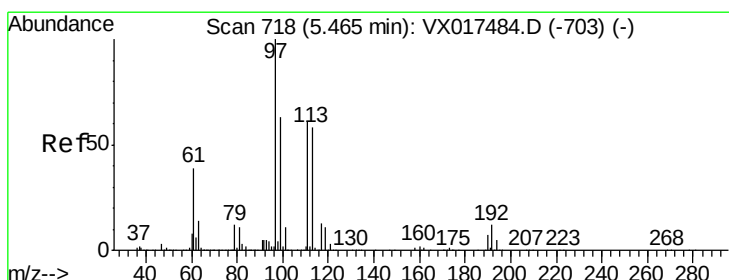
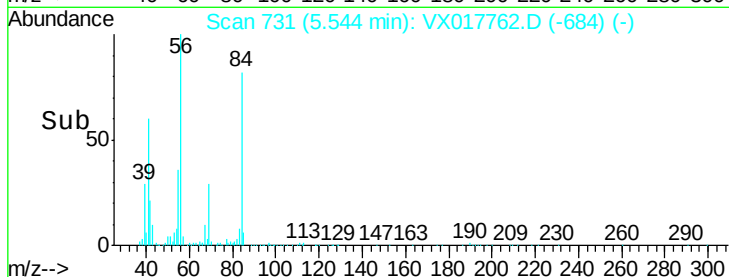
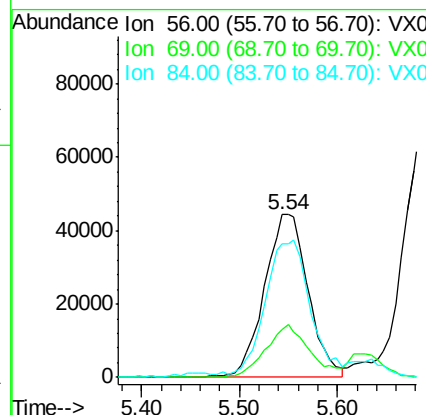
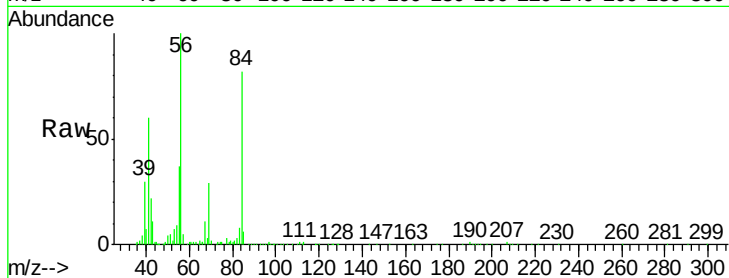
#31
Cyclohexane
Concen: 17.862 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.8	24.2	36.4
84	79.4	69.0	103.6

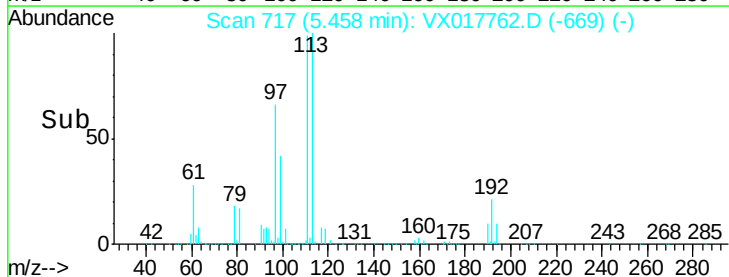
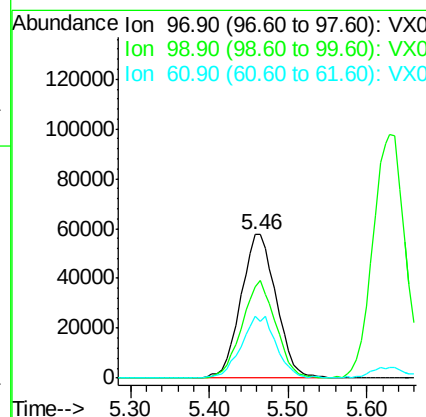
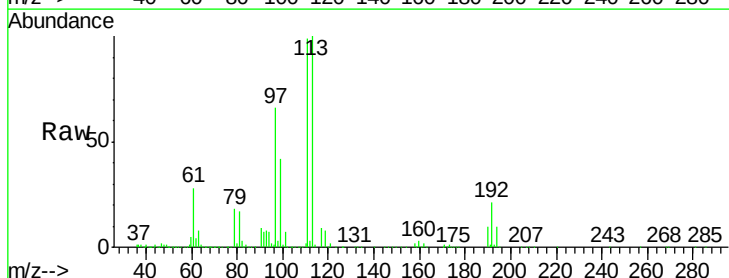
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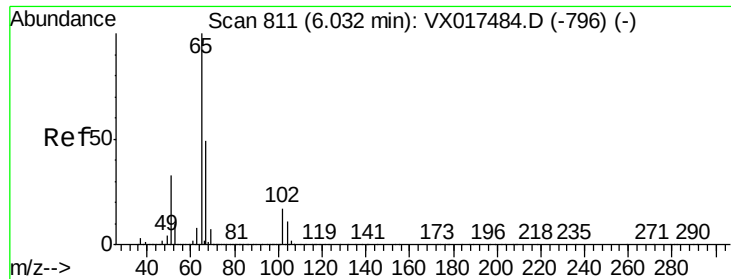
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#32
1,1,1-Trichloroethane
Concen: 19.143 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.9	77.9
61	41.9	34.1	51.1





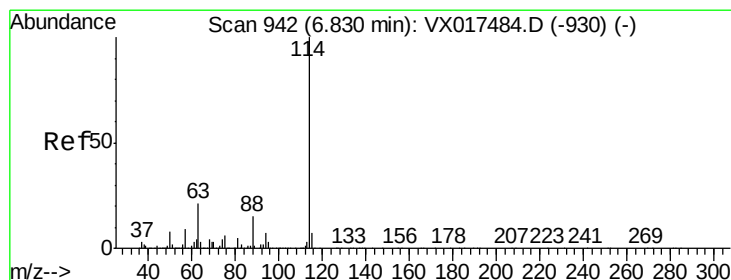
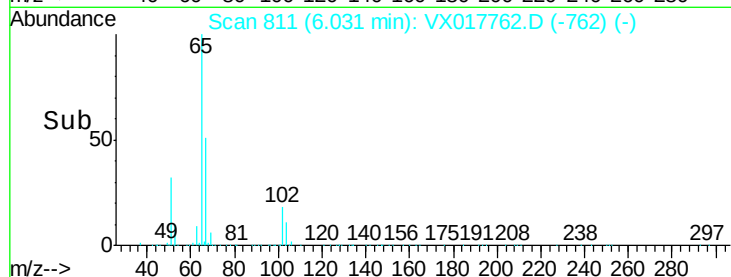
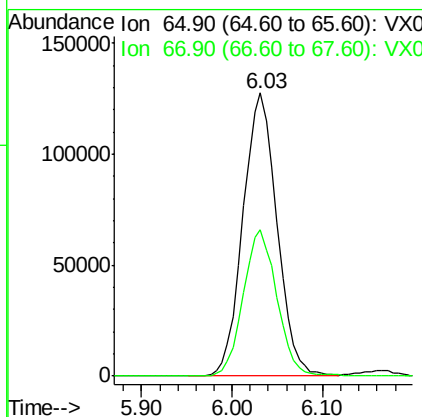
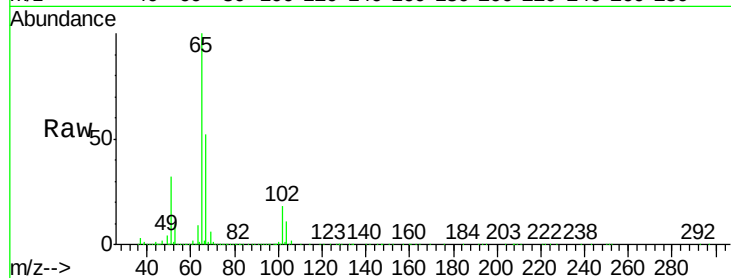
#33
 1,2-Dichloroethane-d4
 Concen: 52.619 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	331295		
67	51.0	0.0	102.8	

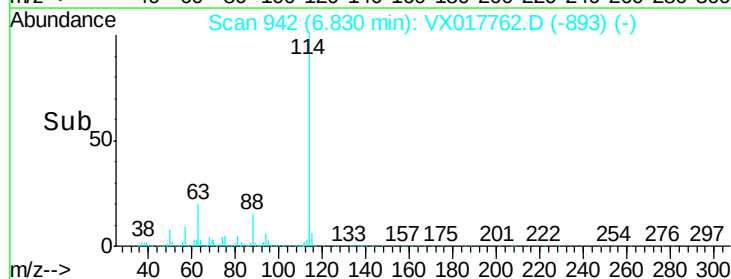
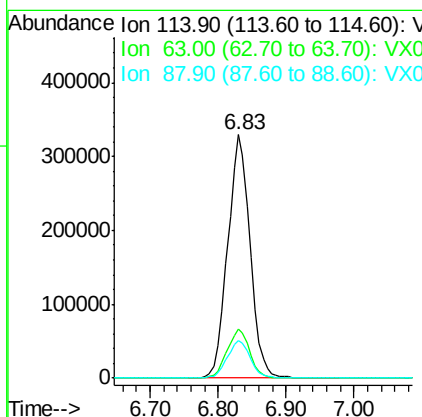
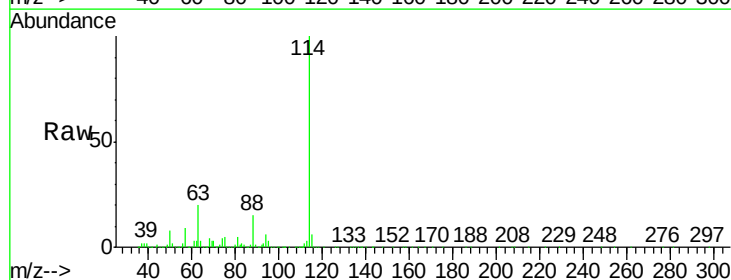
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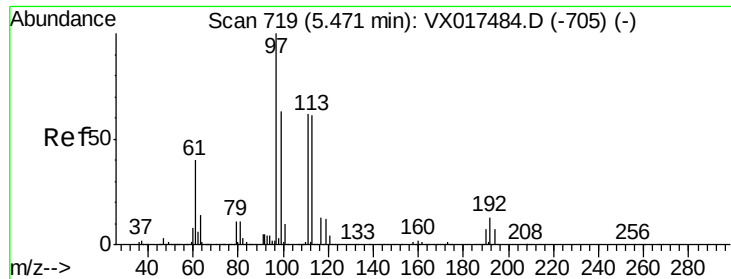
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	748407		
63	20.2	0.0	40.6	
88	15.2	0.0	33.4	





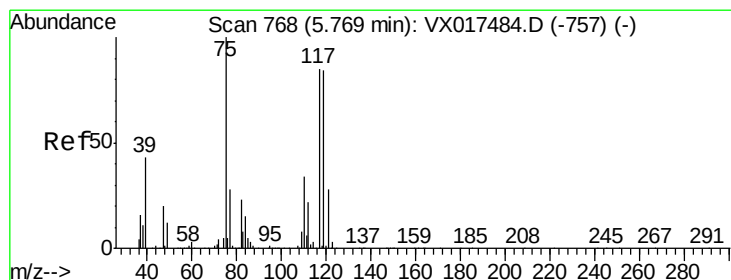
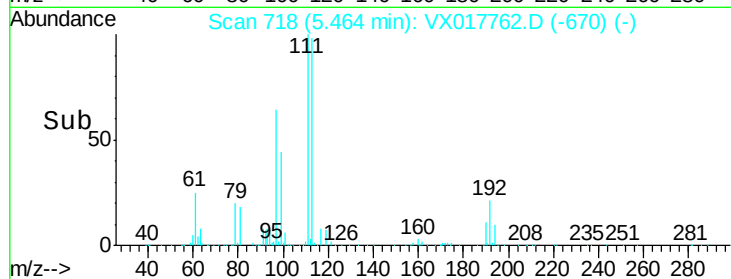
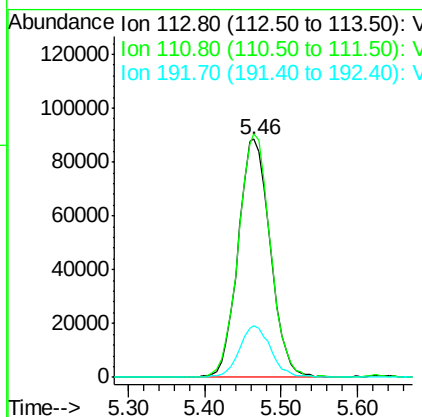
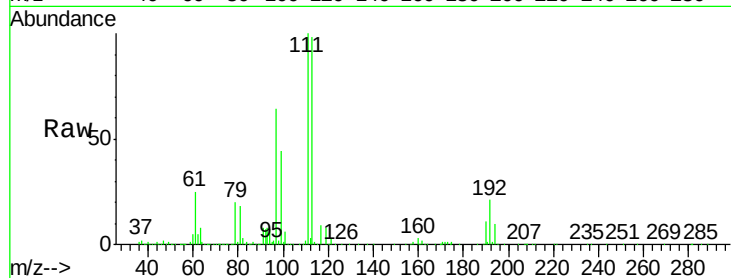
#35
 Dibromofluoromethane
 Concen: 51.696 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	258760		
111	101.1	80.7	121.1	
192	21.2	16.9	25.3	

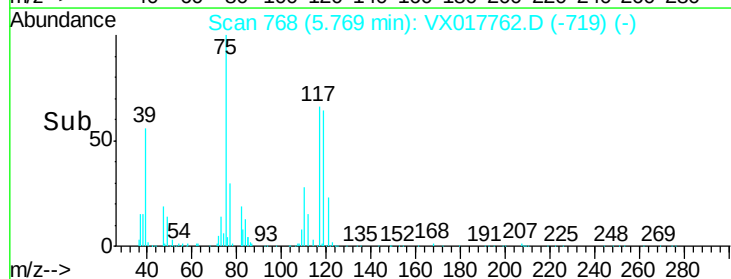
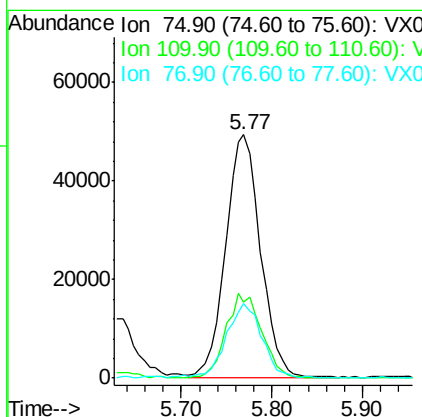
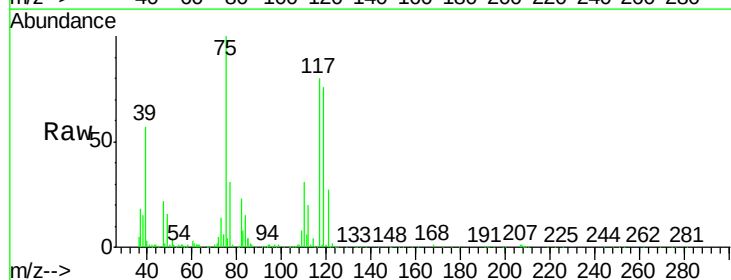
Manual Integrations
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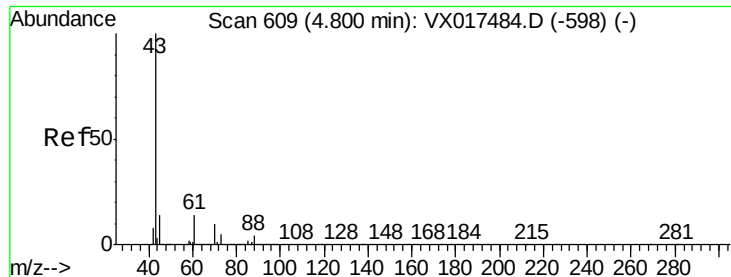
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#36
 1,1-Dichloropropene
 Concen: 18.168 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	130405		
110	35.9	18.1	54.3	
77	31.6	24.6	37.0	





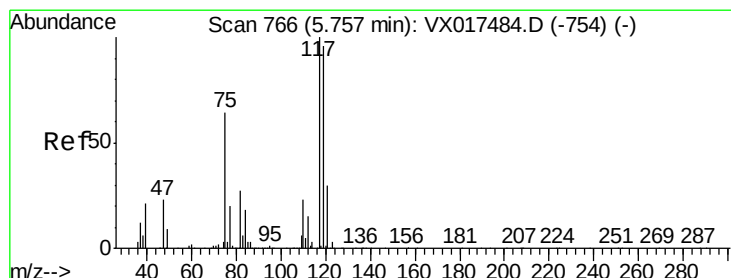
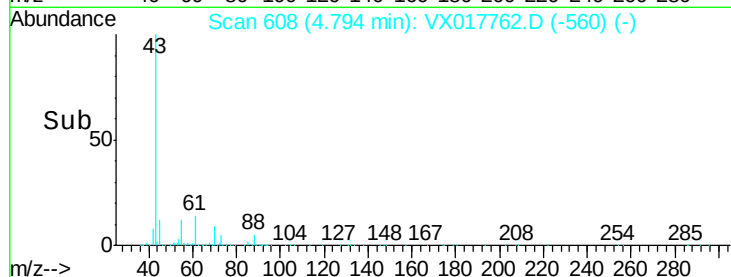
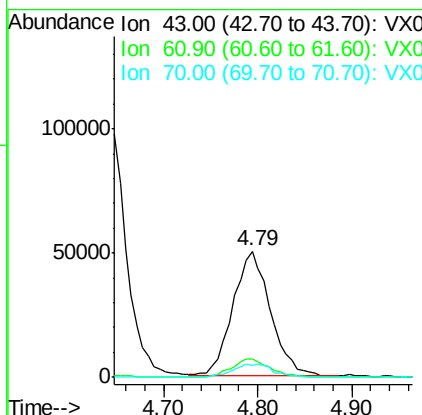
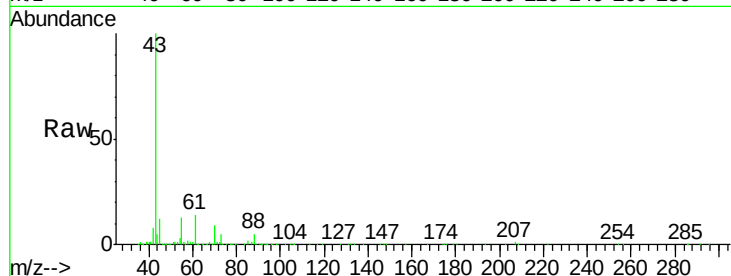
#37
Ethyl Acetate
Concen: 17.901 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.7	16.1
70	11.3	8.5	12.7

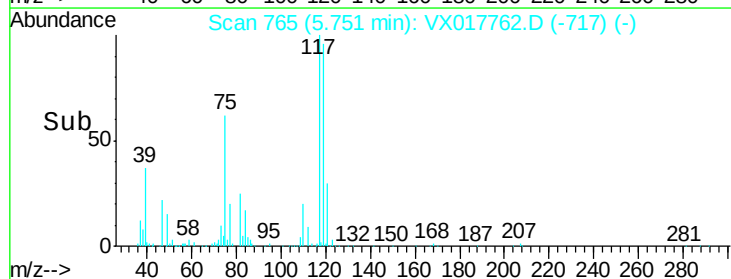
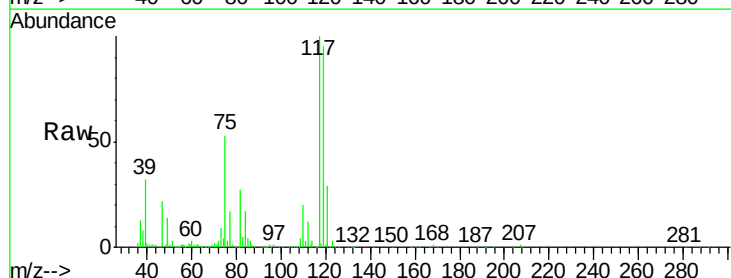
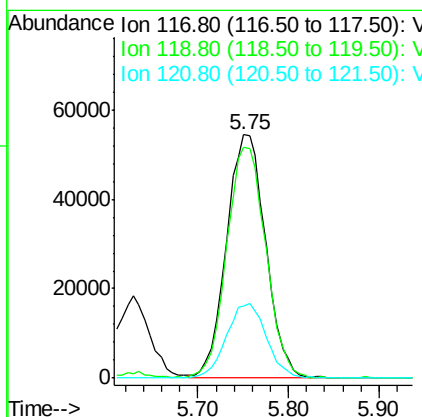
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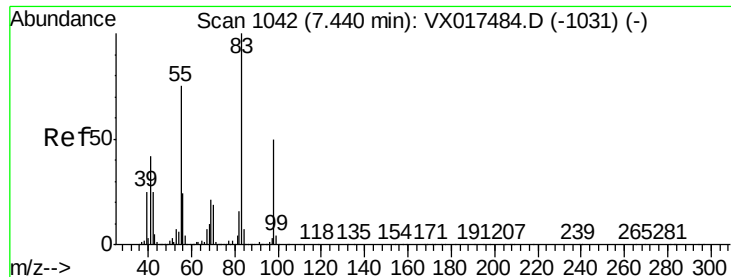
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#38
Carbon Tetrachloride
Concen: 18.629 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.4	113.0
121	29.5	24.3	36.5





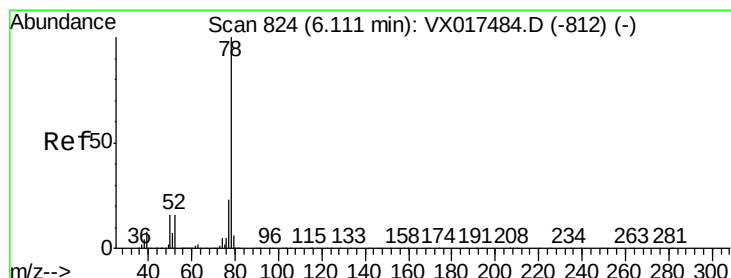
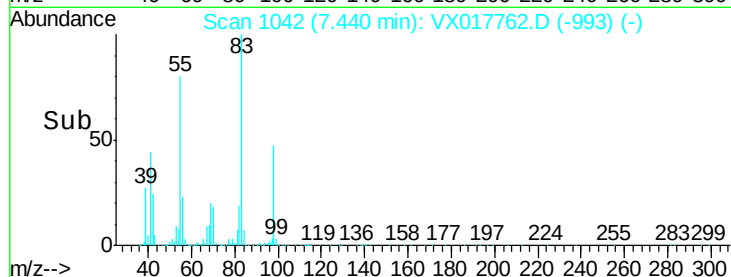
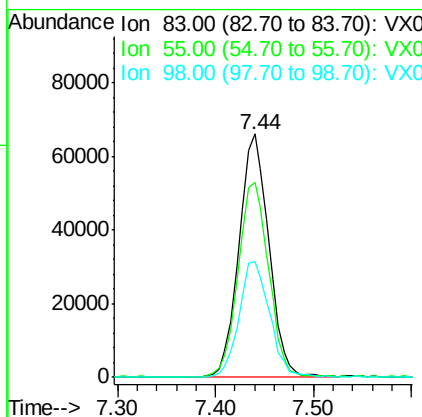
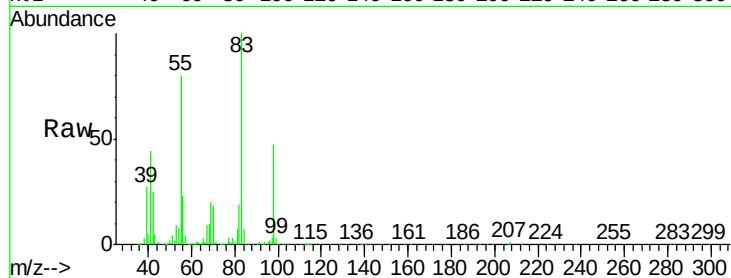
#39
Methylcyclohexane
Concen: 16.676 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.9	61.8	92.8
98	47.4	36.9	55.3

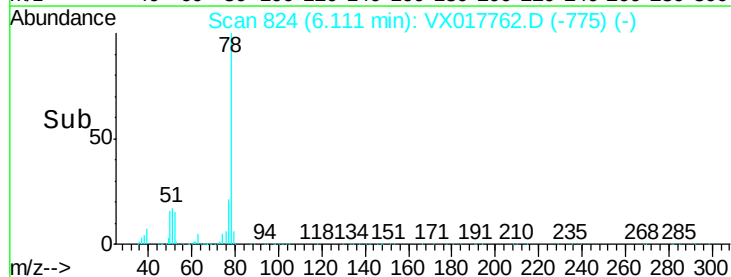
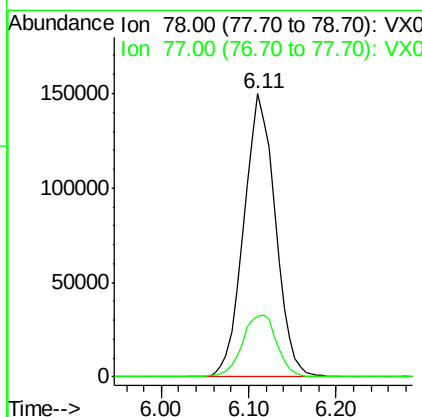
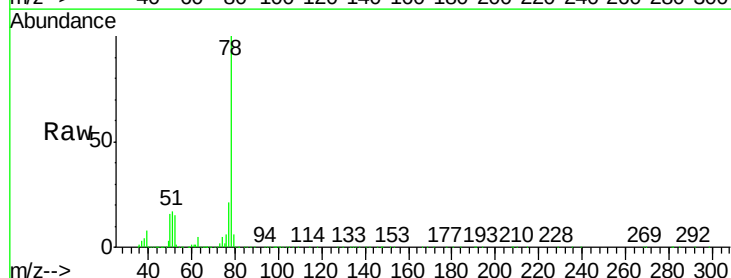
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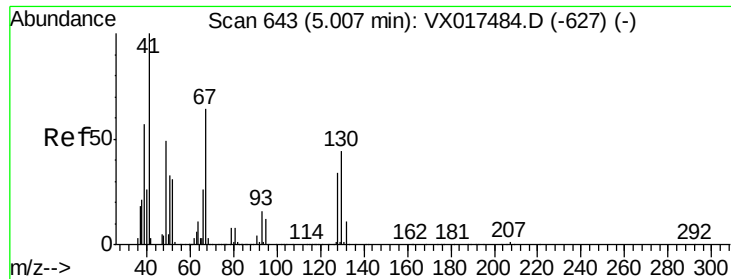
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#40
Benzene
Concen: 18.264 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.4	19.4	29.2





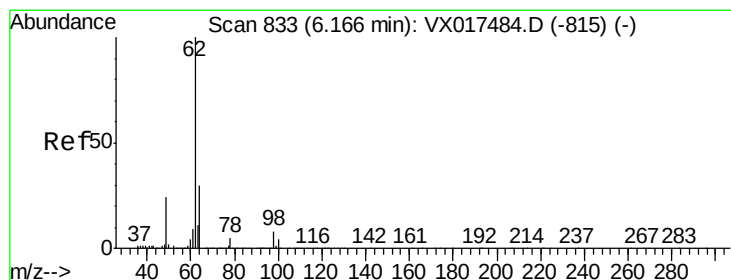
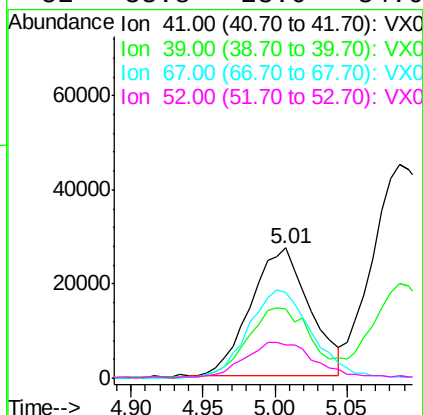
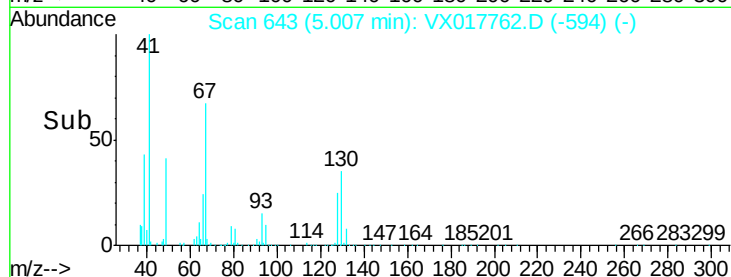
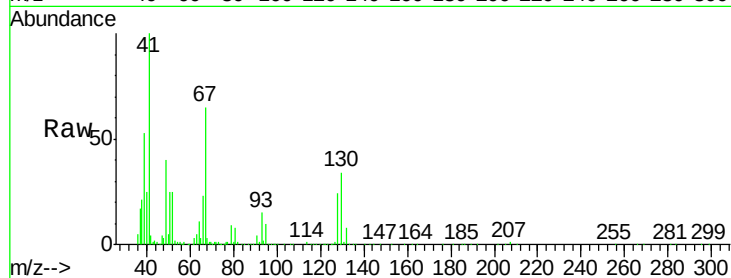
#41
Methacrylonitrile
Concen: 17.294 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.3	43.9	65.9	
67	74.2	54.0	81.0	
52	33.8	23.0	34.6	

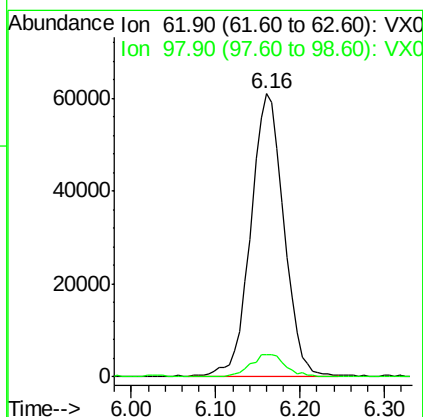
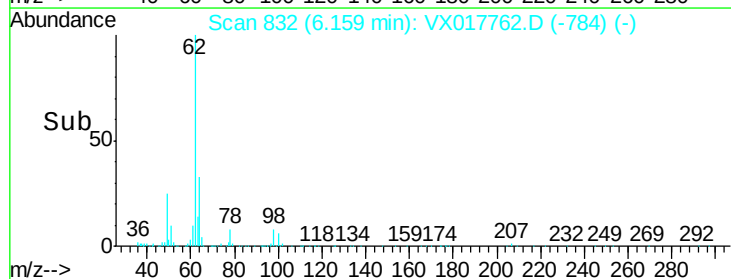
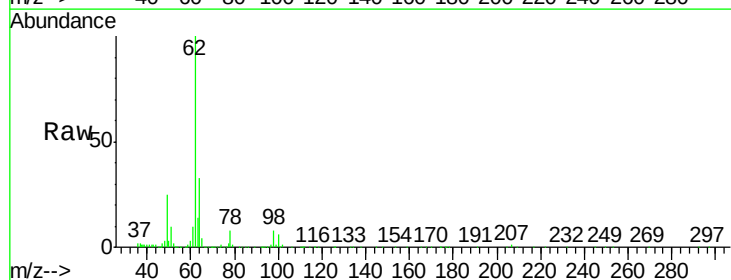
Manual Integrations
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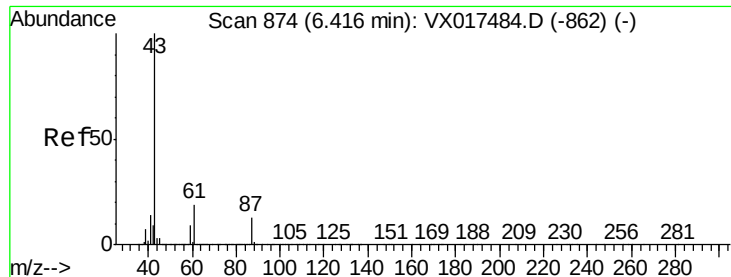
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#42
1,2-Dichloroethane
Concen: 19.330 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.0	





#43

Isopropyl Acetate

Concen: 18.675 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

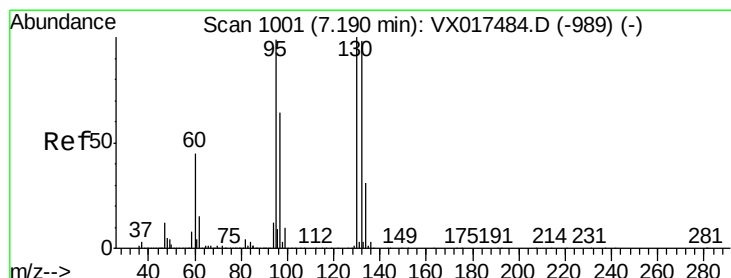
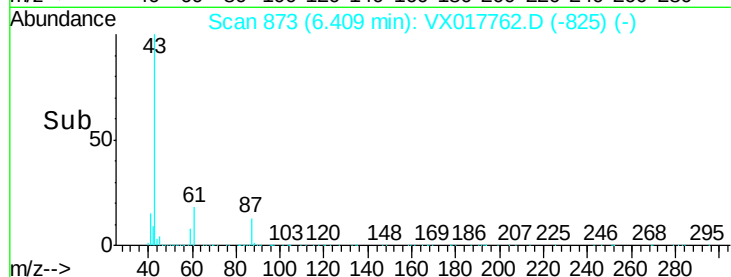
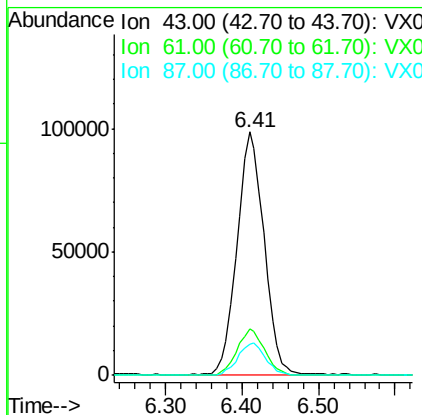
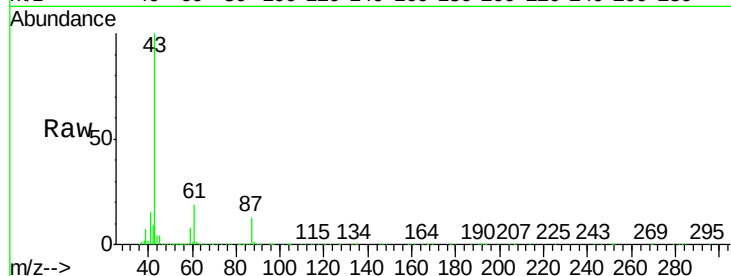
ClientSampleId :

VX0804WBSD01

Tgt Ion:	43	Resp:	241999
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.5	23.3
87	13.4	10.5	15.7

Manual Integrations
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8/5/2020 2:51:17 PM



#44

Trichloroethene

Concen: 18.970 ug/l

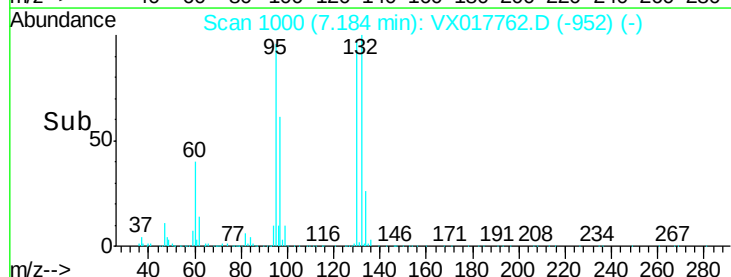
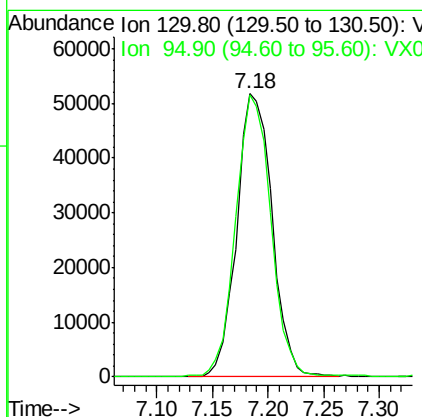
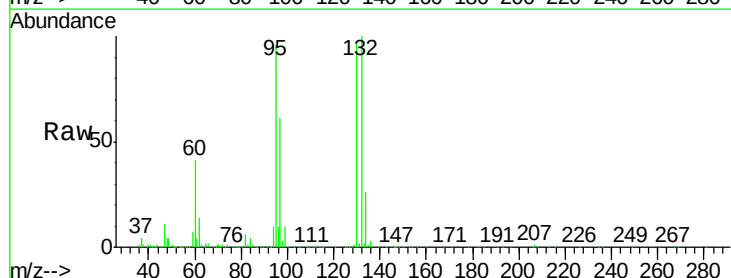
RT: 7.18 min Scan# 1000

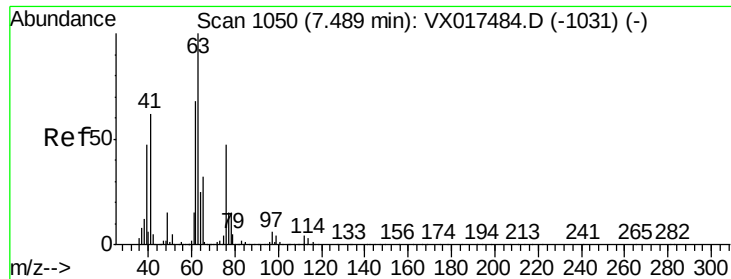
Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Tgt Ion:	130	Resp:	114082
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	189.0





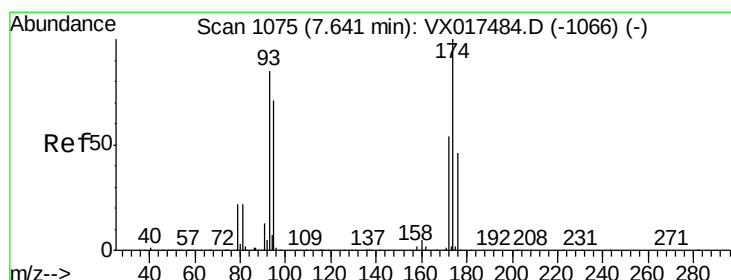
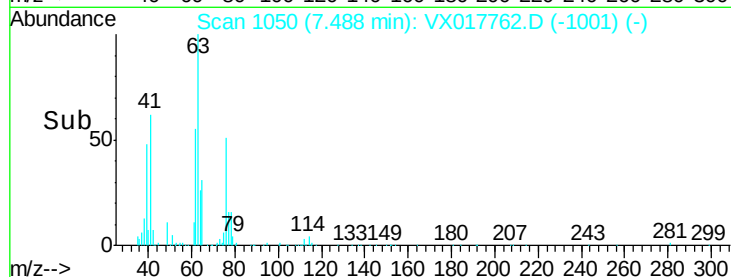
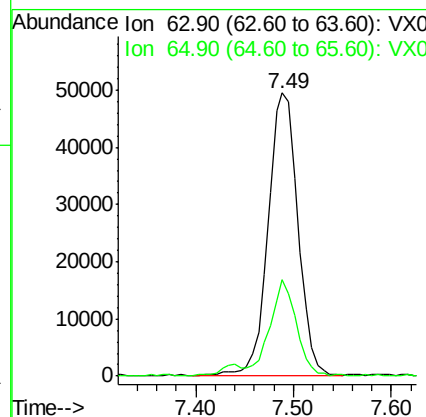
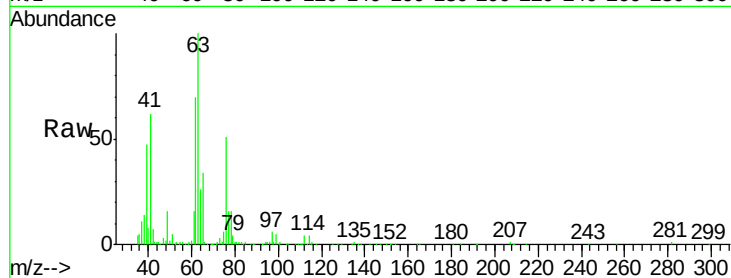
#45
 1,2-Dichloropropane
 Concen: 18.480 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBSD01

Tgt Ion: 63 Resp: 105423
 Ion Ratio Lower Upper
 63 100
 65 33.7 24.5 36.7

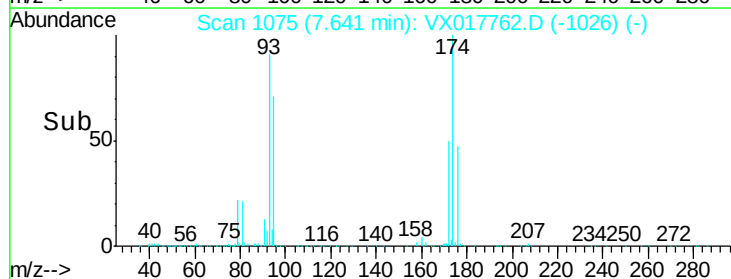
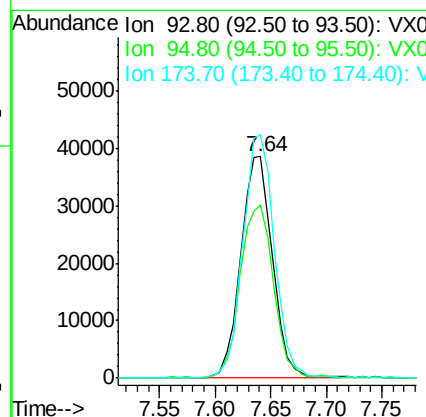
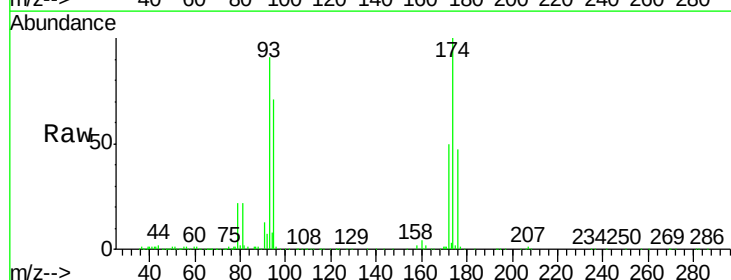
Manual Integrations
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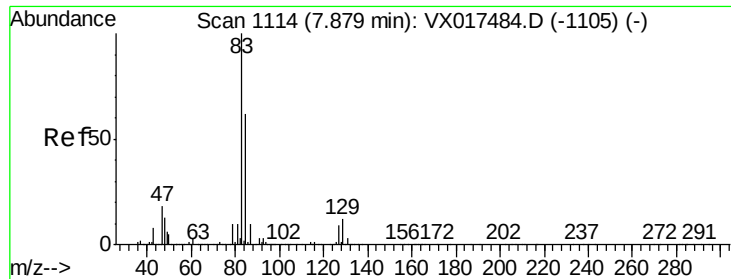
MMDadoda
 8/5/2020 2:51:17 PM



#46
 Dibromomethane
 Concen: 18.910 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion: 93 Resp: 76239
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.6 99.8
 174 109.9 87.0 130.6





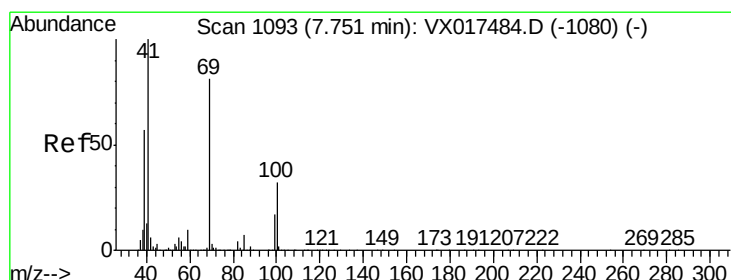
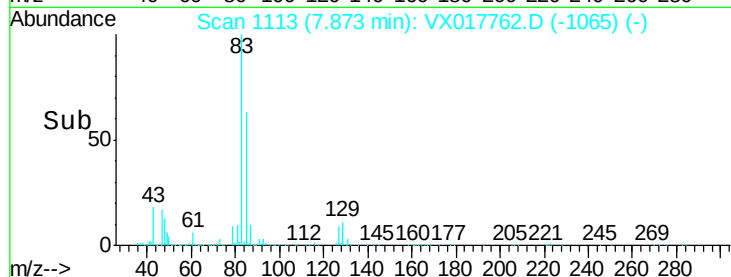
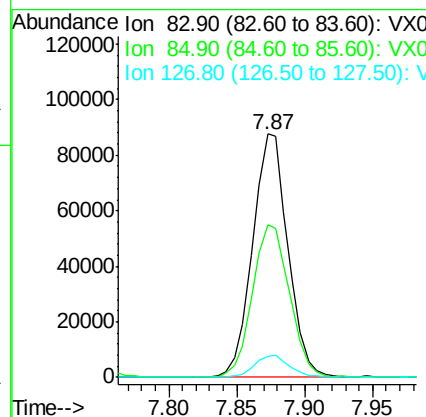
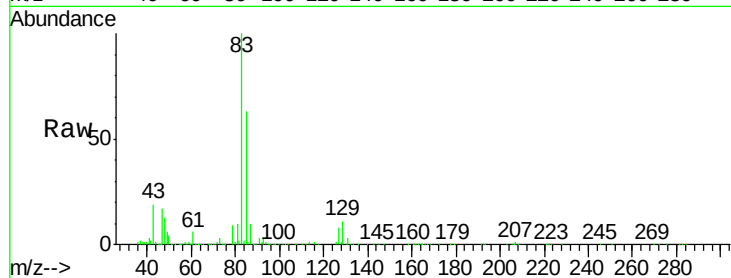
#47
Bromodichloromethane
Concen: 19.720 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	159970		
85	62.8		51.8	77.8
127	8.5		7.4	11.2

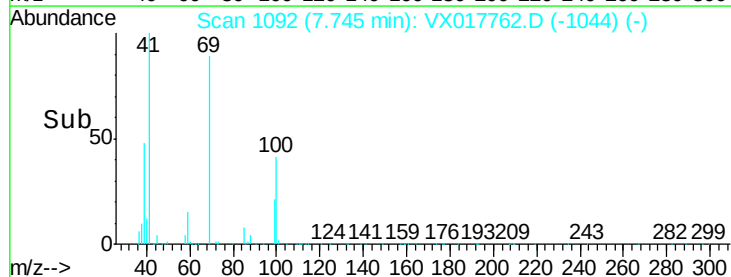
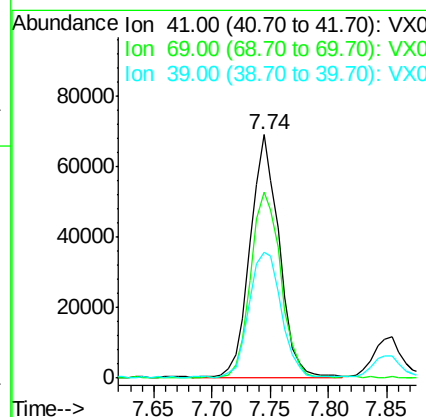
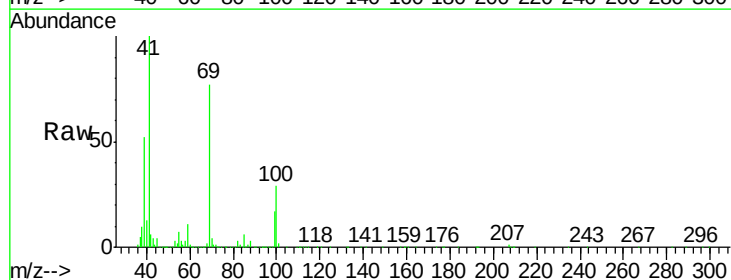
Manual Integrations
APPROVED

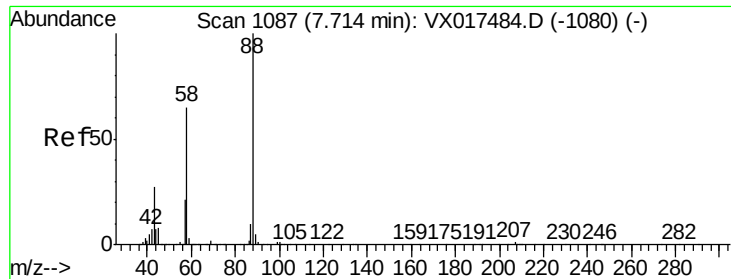
MMDadoda
8/5/2020 2:51:17 PM



#48
Methyl methacrylate
Concen: 18.653 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	119814		
69	79.6		63.1	94.7
39	57.4		45.1	67.7





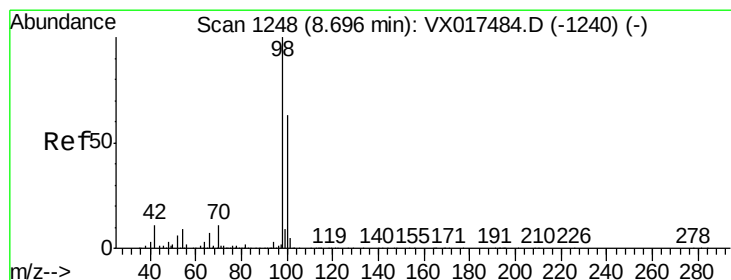
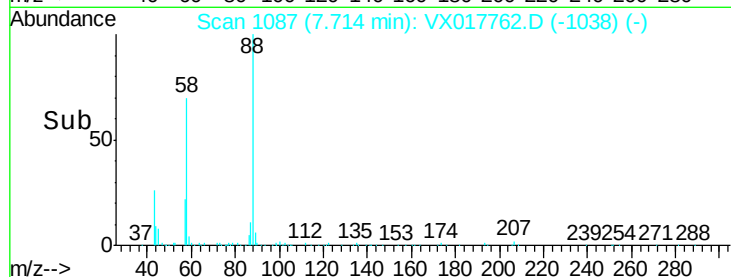
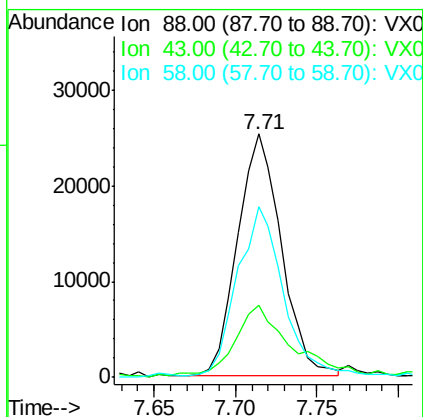
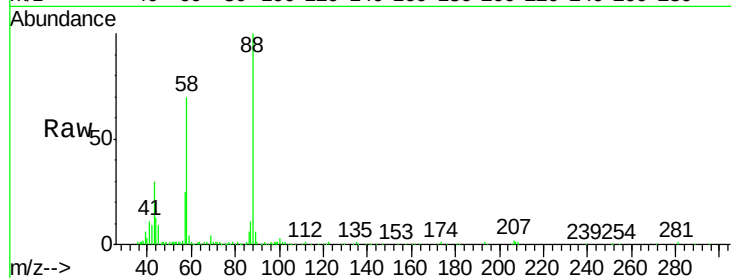
#49
1,4-Dioxane
Concen: 384.144 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	39.1	27.8	41.6
58	74.4	58.3	87.5

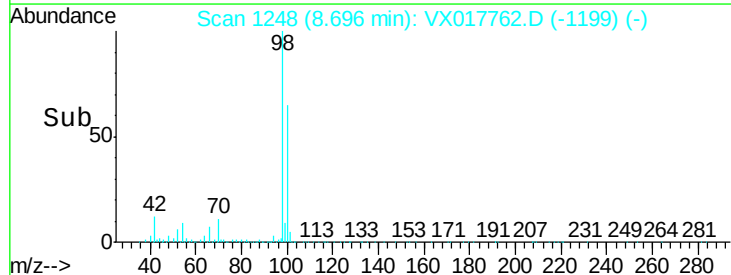
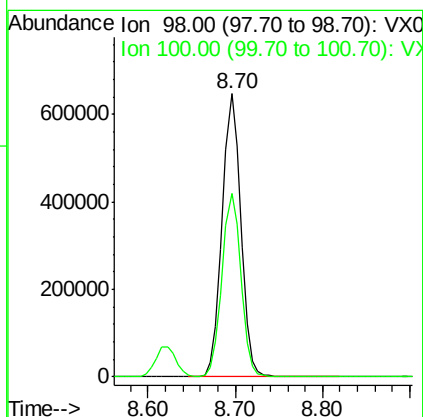
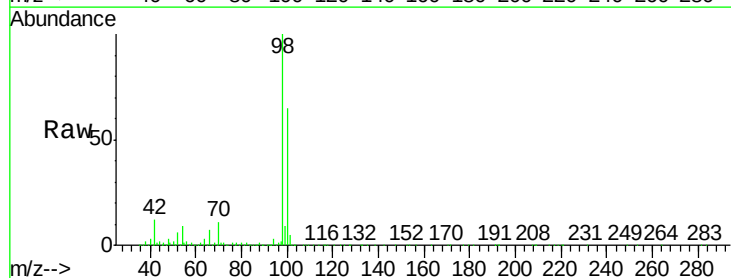
Manual Integrations
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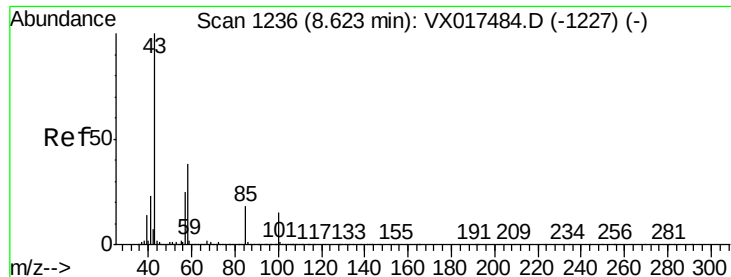
MMDadoda
8/5/2020 2:51:17 PM



#50
Toluene-d8
Concen: 53.159 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.3	78.5





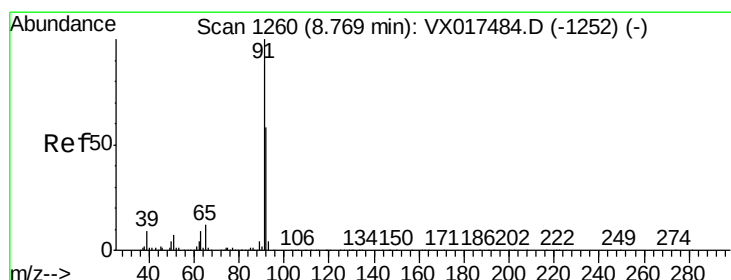
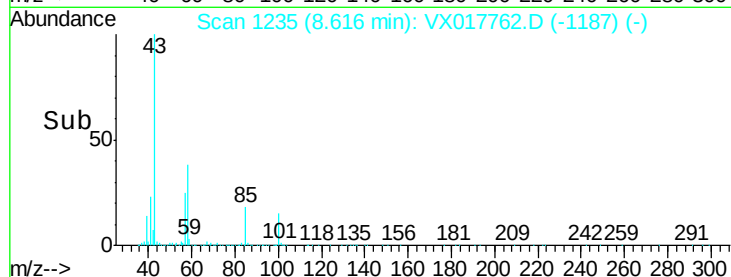
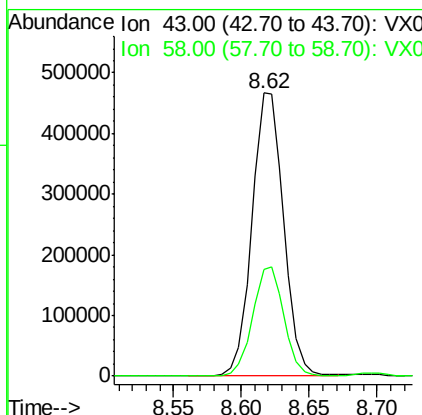
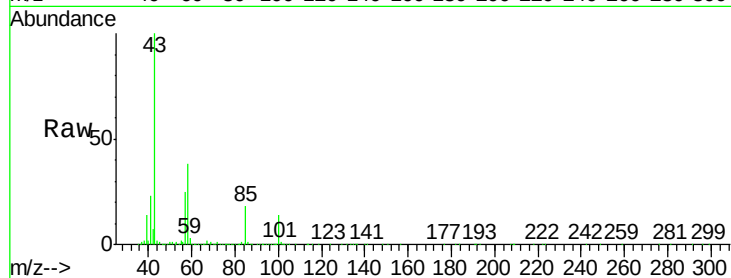
#51
 4-Methyl-2-Pentanone
 Concen: 98.305 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.2	31.0	46.4

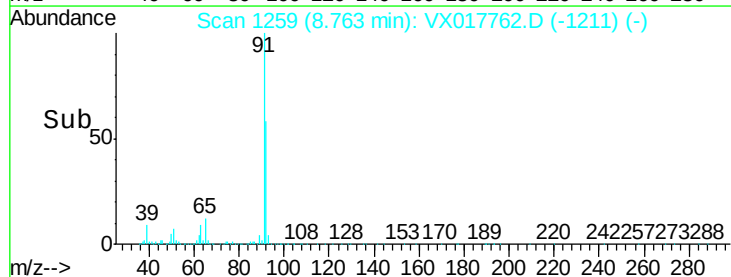
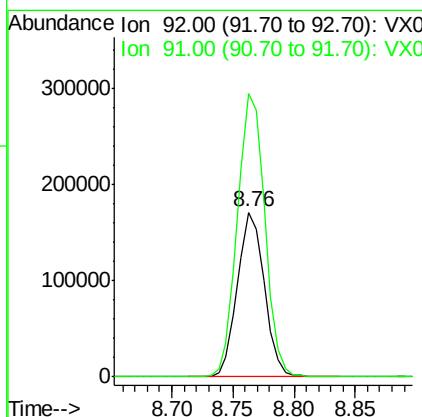
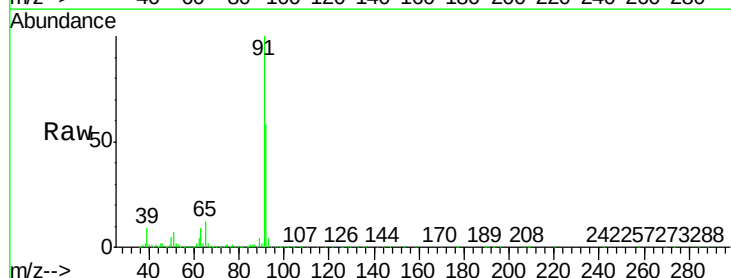
Manual Integrations
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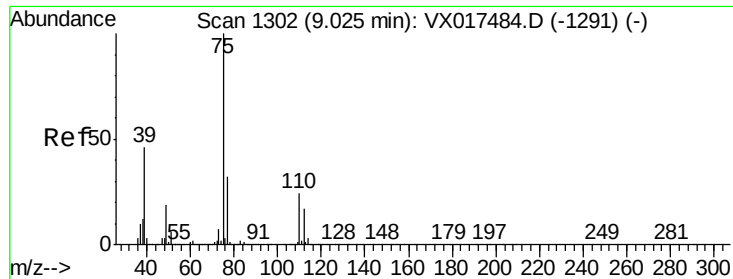
MMDadoda
 8/5/2020 2:51:17 PM



#52
 Toluene
 Concen: 19.766 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.6	137.6	206.4





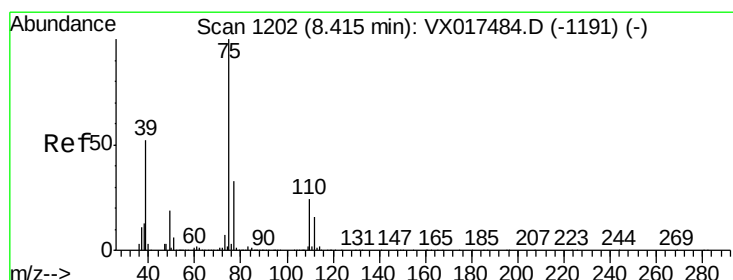
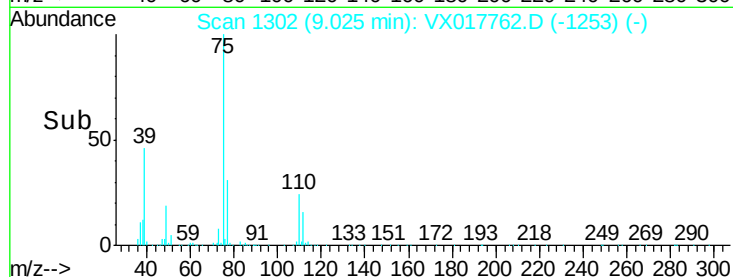
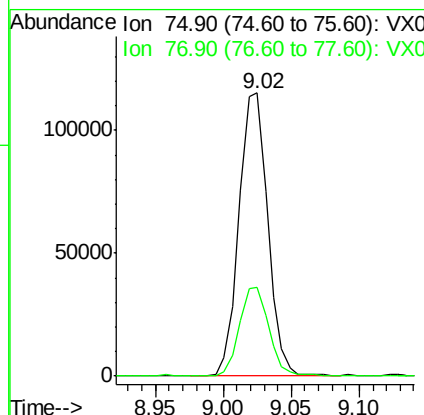
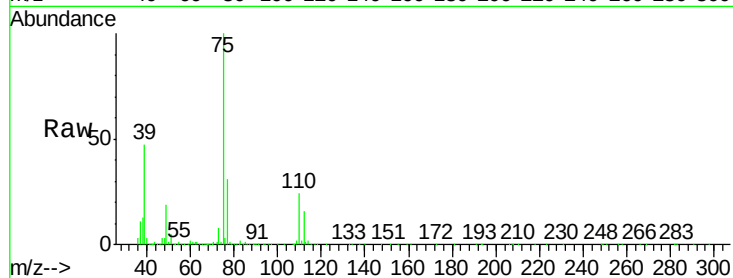
#53
t-1,3-Dichloropropene
Concen: 18.819 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion: 75 Resp: 170896
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3

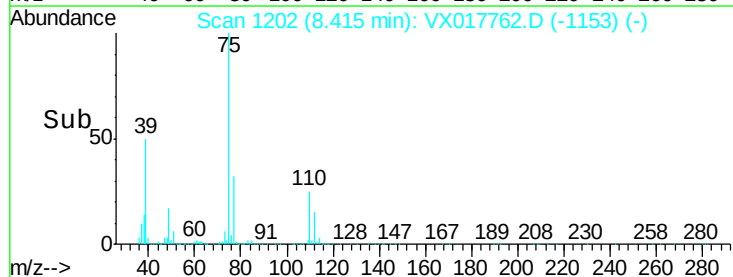
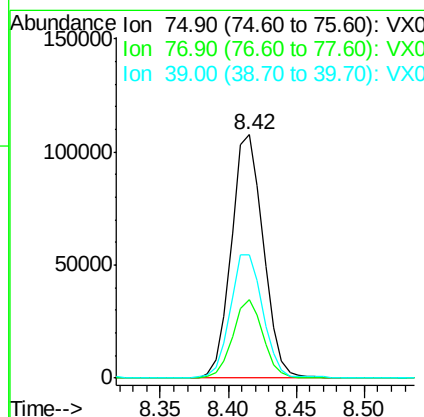
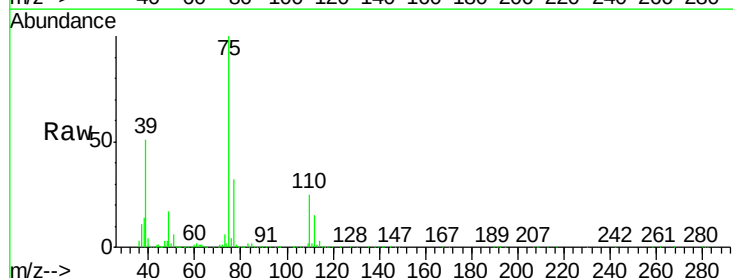
Manual Integrations
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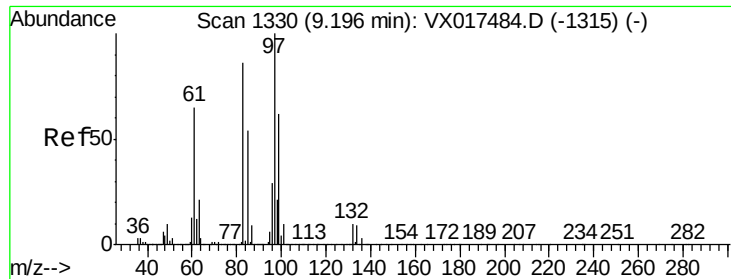
MMDadoda
8/5/2020 2:51:17 PM



#54
cis-1,3-Dichloropropene
Concen: 19.065 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 75 Resp: 176587
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 50.5 41.8 62.8





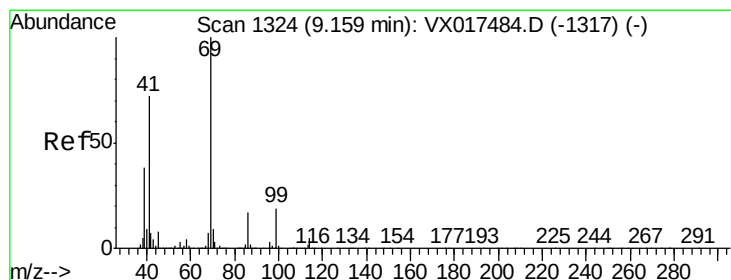
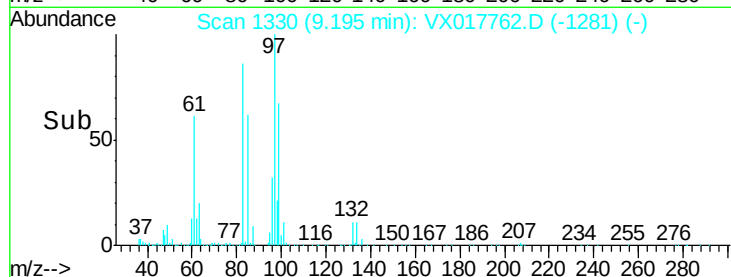
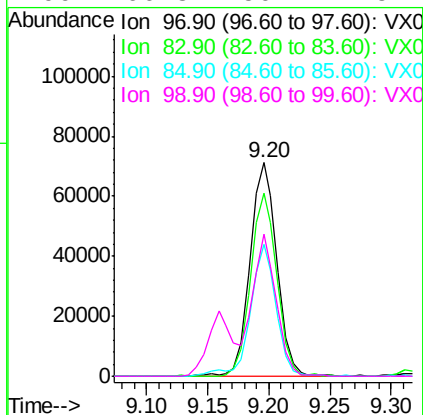
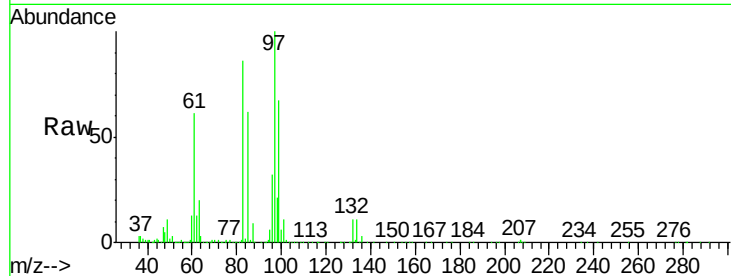
#55
 1,1,2-Trichloroethane
 Concen: 19.787 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	108783		
83	85.8	67.6	101.4	
85	61.7	44.6	67.0	
99	66.8	50.2	75.4	

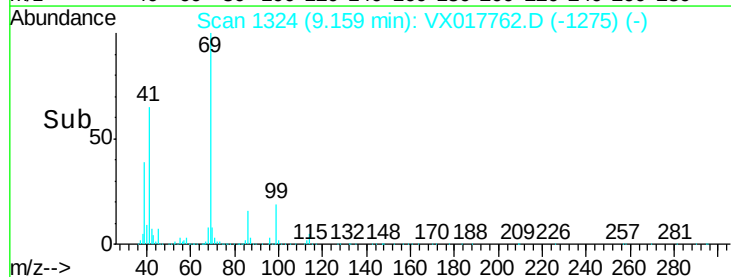
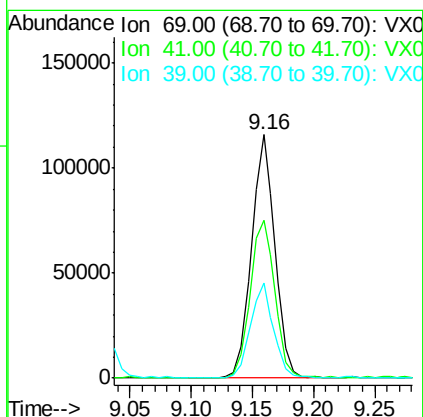
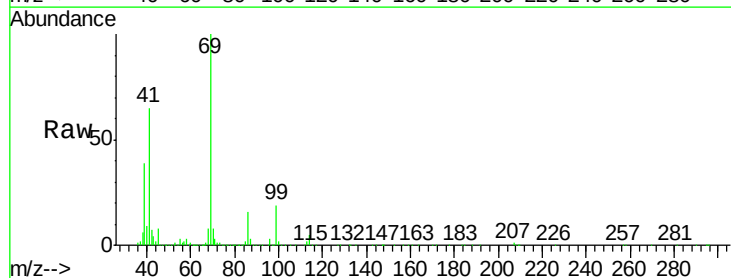
Manual Integrations
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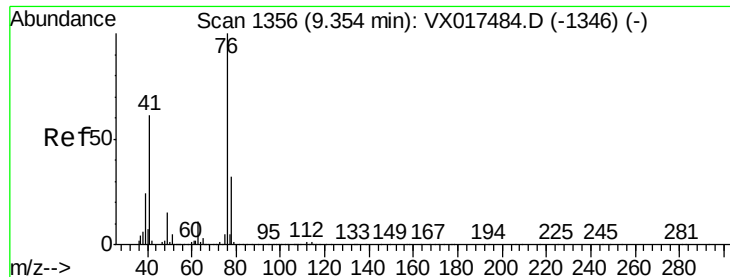
MMDadoda
 8/5/2020 2:51:17 PM



#56
 Ethyl methacrylate
 Concen: 18.664 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	154594		
41	67.7	55.0	82.6	
39	38.6	30.0	45.0	





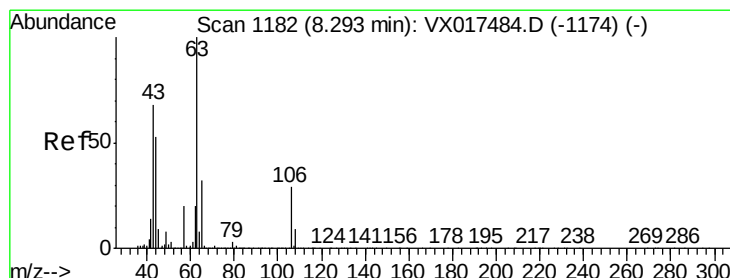
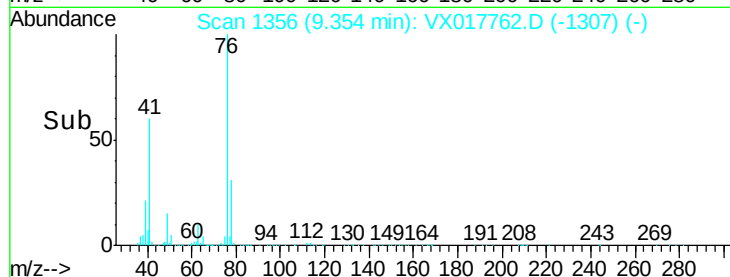
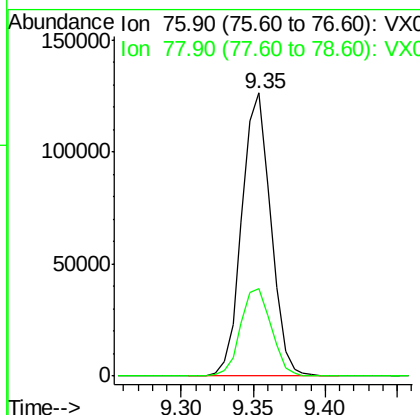
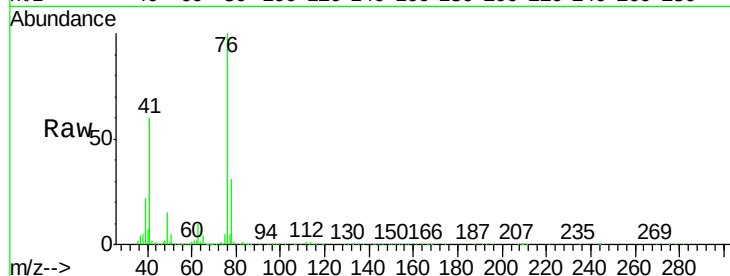
#57
 1,3-Dichloropropane
 Concen: 19.489 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.8	38.8

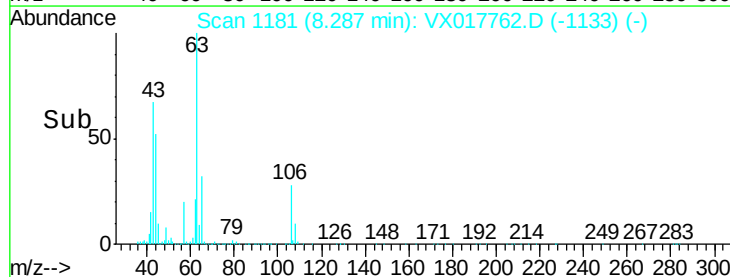
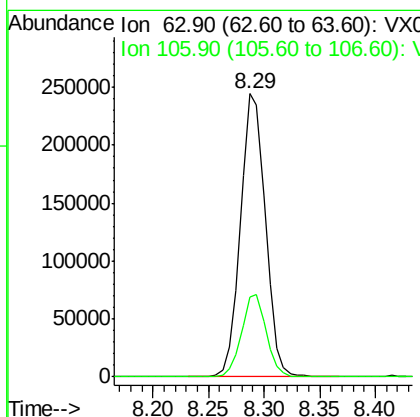
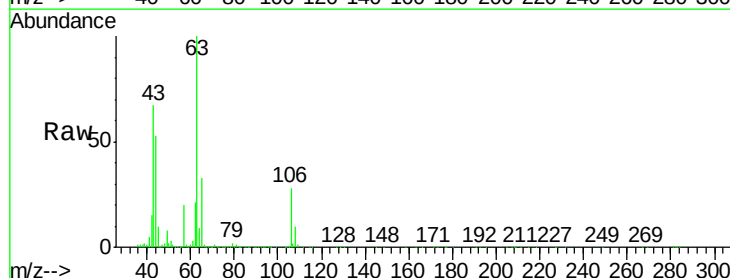
Manual Integrations
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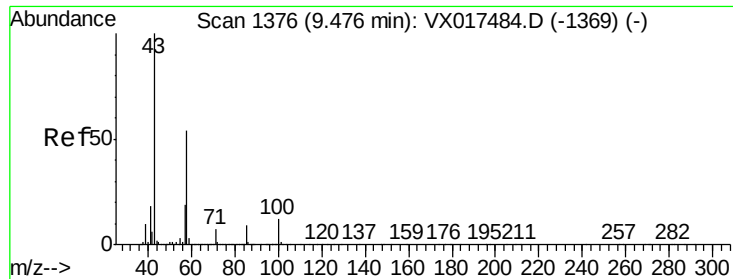
MMDadoda
 8/5/2020 2:51:17 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.091 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	22.6	34.0





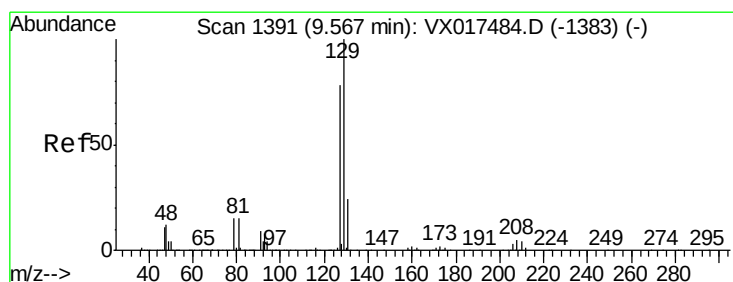
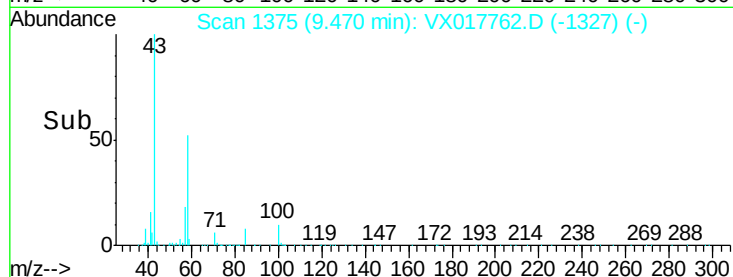
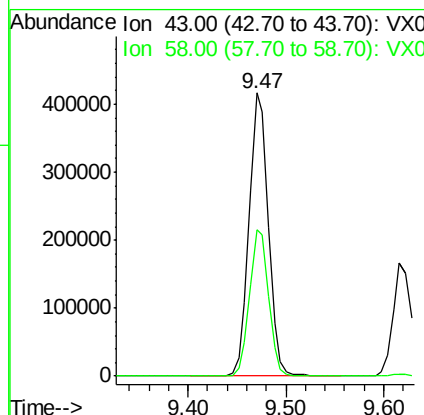
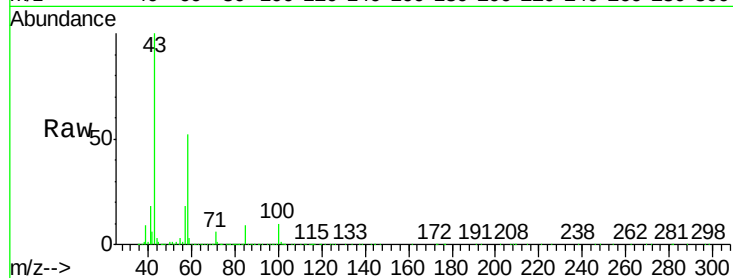
#59
2-Hexanone
Concen: 97.683 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion: 43 Resp: 568620
Ion Ratio Lower Upper
43 100
58 51.3 26.6 79.8

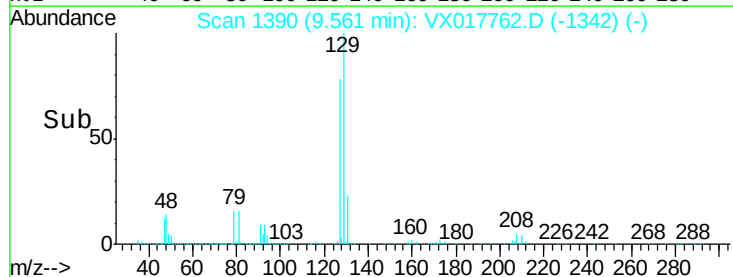
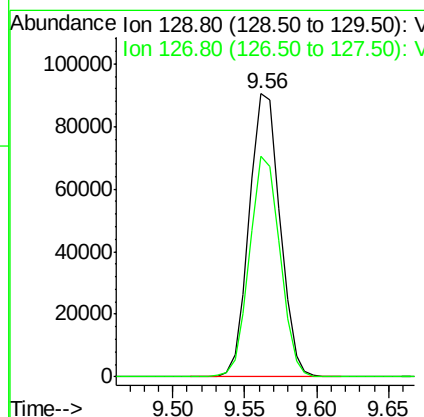
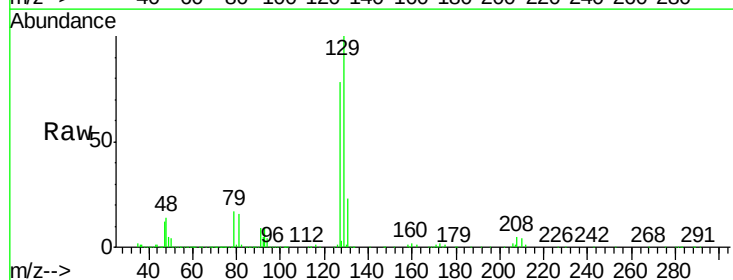
Manual Integrations
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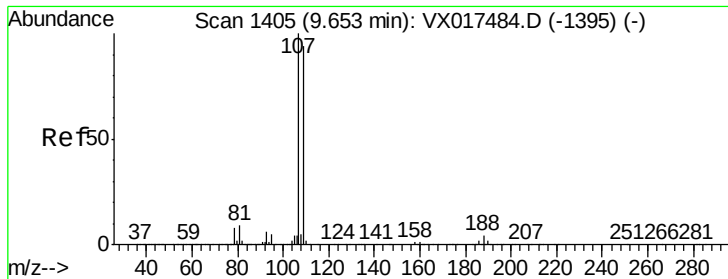
MMDadoda
8/5/2020 2:51:17 PM



#60
Dibromochloromethane
Concen: 19.179 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 129 Resp: 134015
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.163 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBSD01

Tgt Ion: 107 Resp: 118017

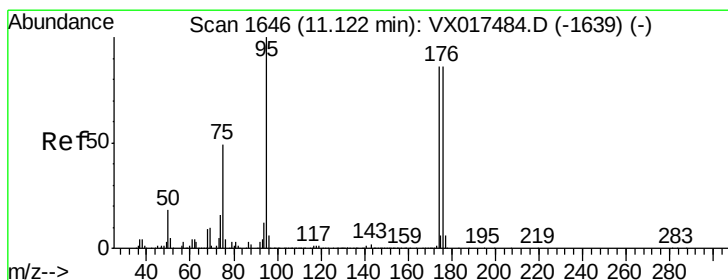
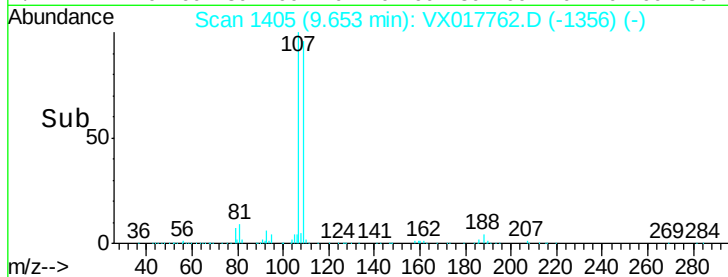
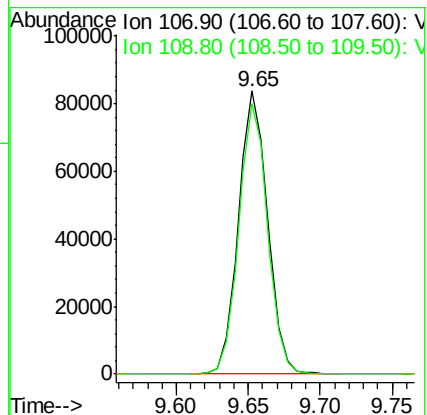
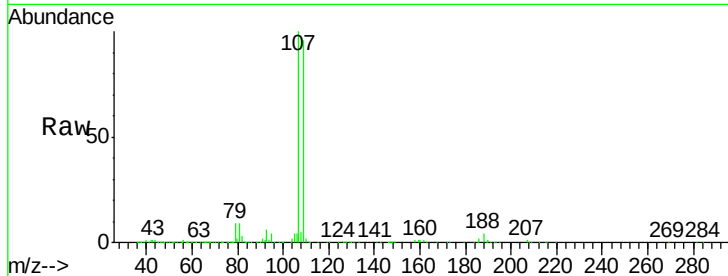
Ion Ratio Lower Upper

107 100

109 94.2 74.9 112.3

Manual Integrations
APPROVED

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#62

4-Bromofluorobenzene

Concen: 49.614 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

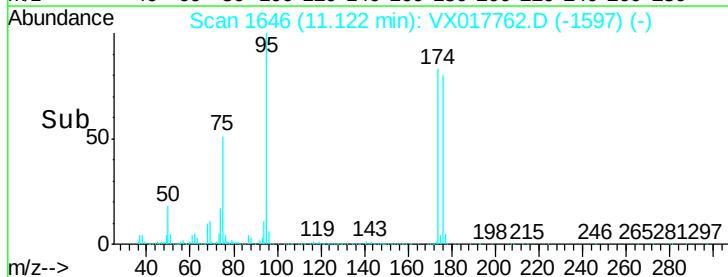
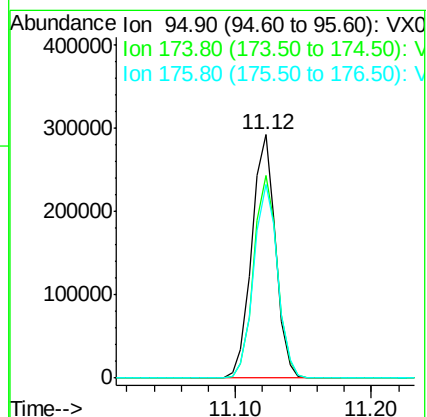
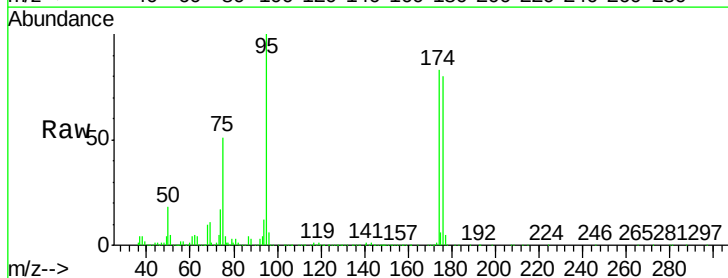
Tgt Ion: 95 Resp: 358528

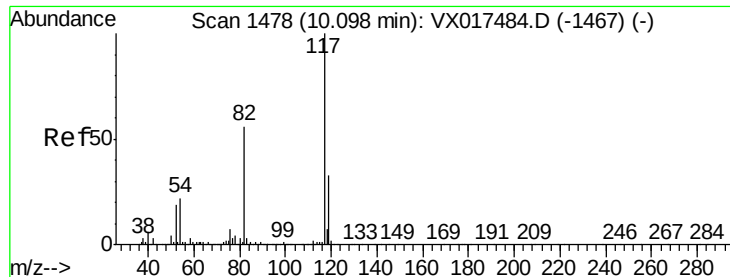
Ion Ratio Lower Upper

95 100

174 83.4 0.0 169.0

176 80.6 0.0 161.0





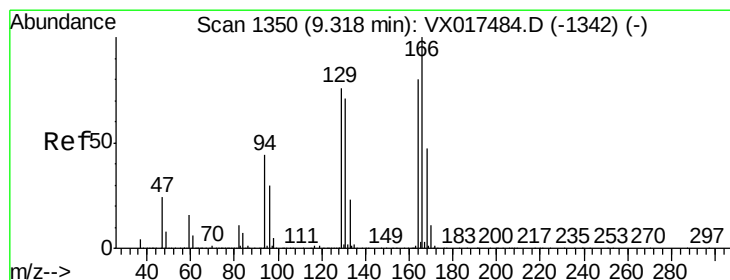
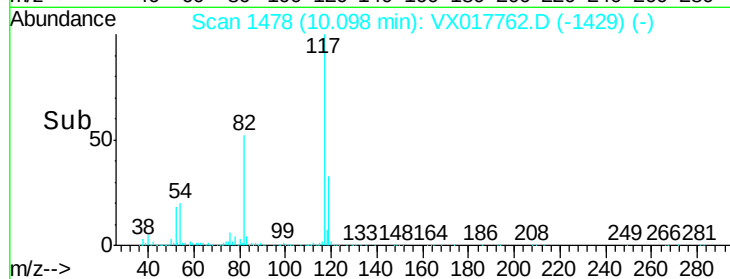
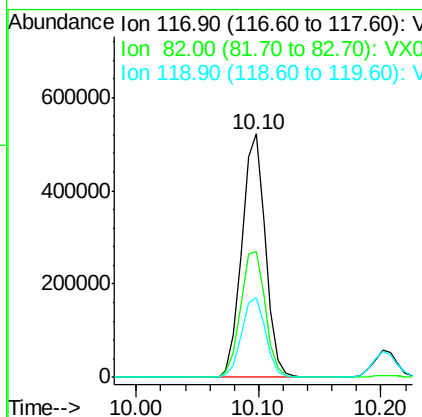
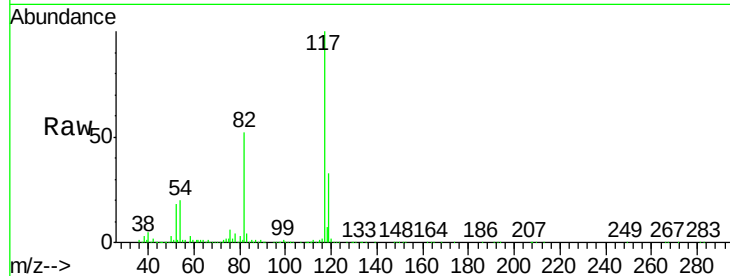
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	51.9	44.0	66.0
119	32.6	25.4	38.0

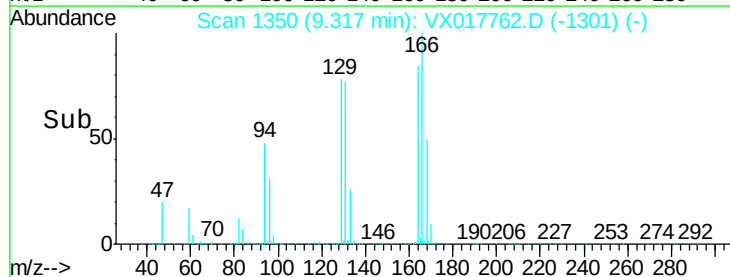
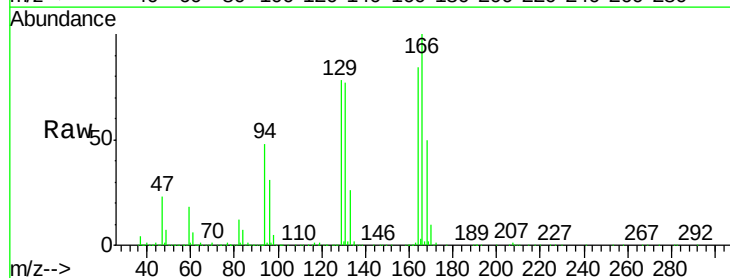
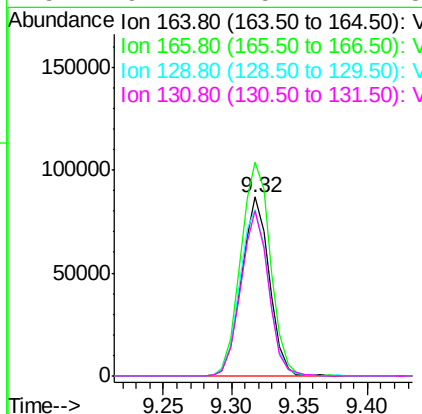
Manual Integrations
APPROVED

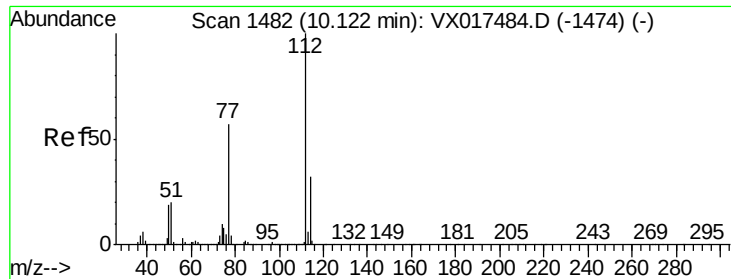
MMDadoda
8/5/2020 2:51:17 PM



#64
Tetrachloroethene
Concen: 19.957 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	119.2	100.6	150.8
129	92.8	75.0	112.6
131	92.2	75.2	112.8





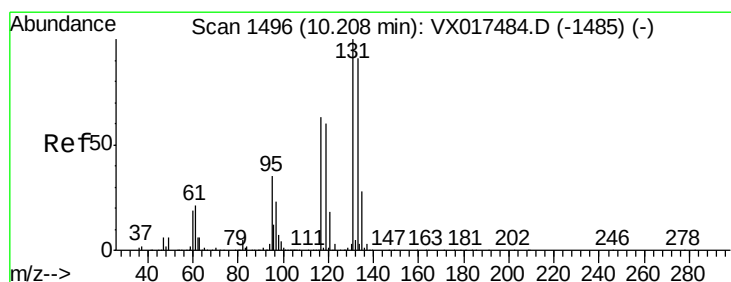
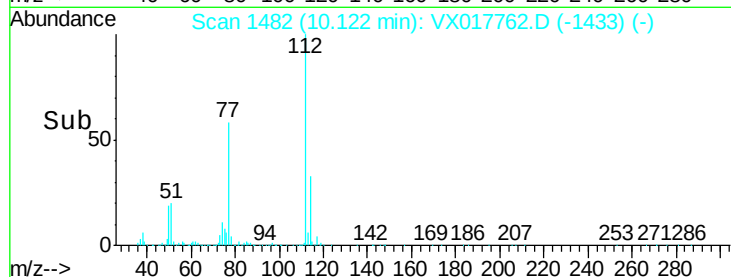
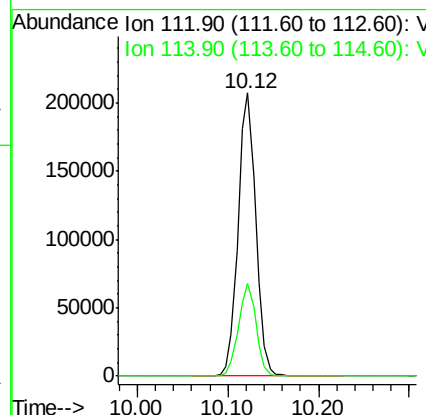
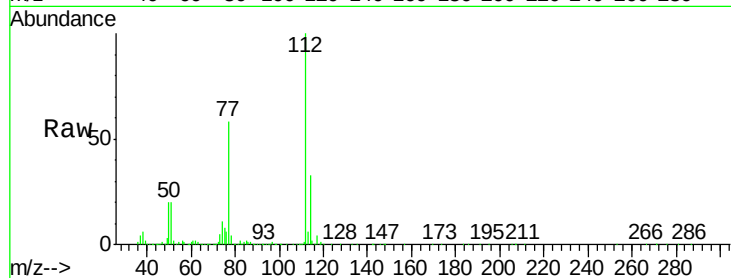
#65
Chlorobenzene
Concen: 18.722 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion:112 Resp: 281253
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

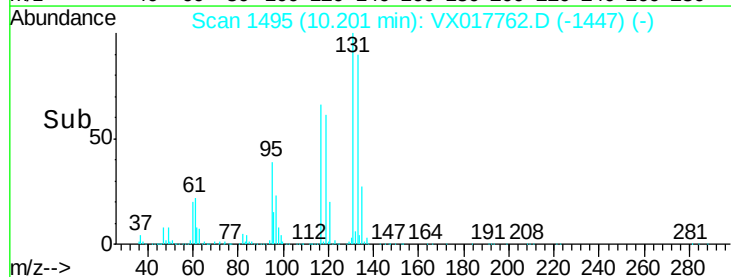
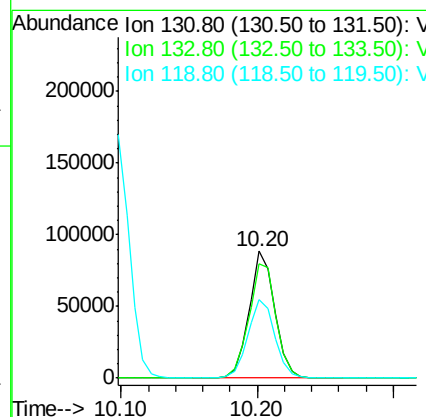
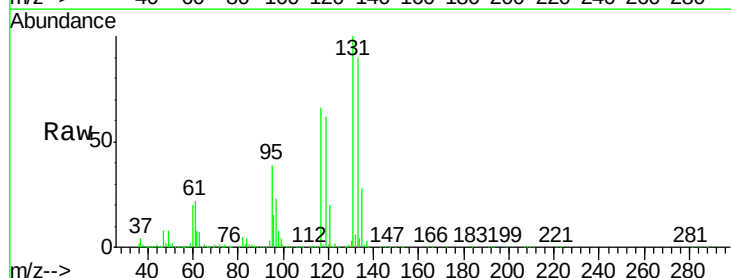
Manual Integrations
APPROVED

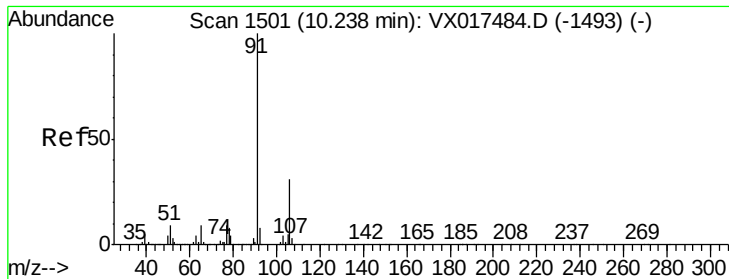
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.152 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion:131 Resp: 116122
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 64.8 31.1 93.3





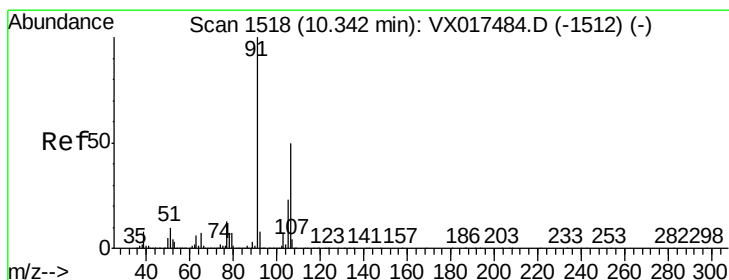
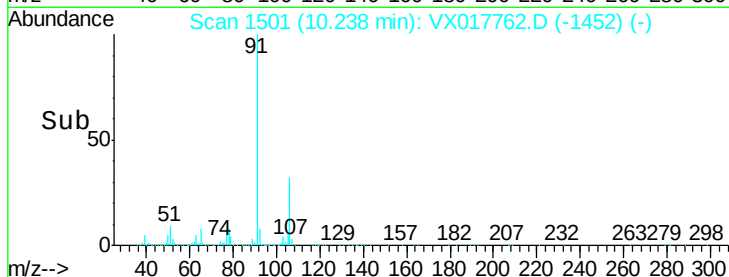
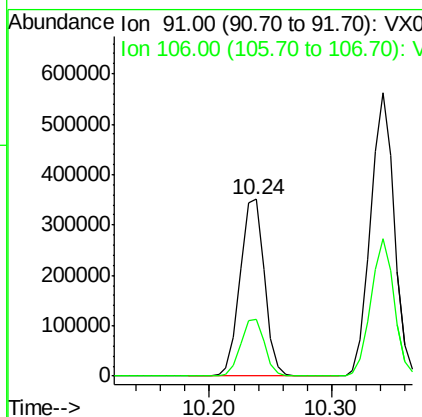
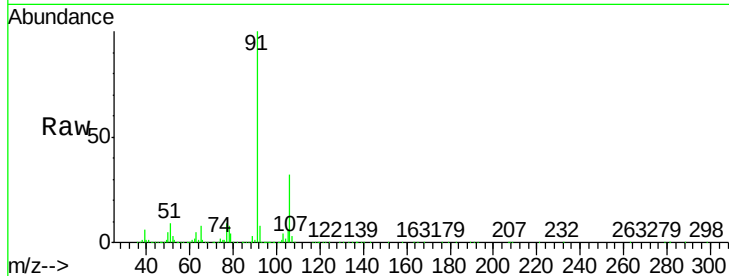
#67
Ethyl Benzene
Concen: 19.218 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion: 91 Resp: 481933
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.6

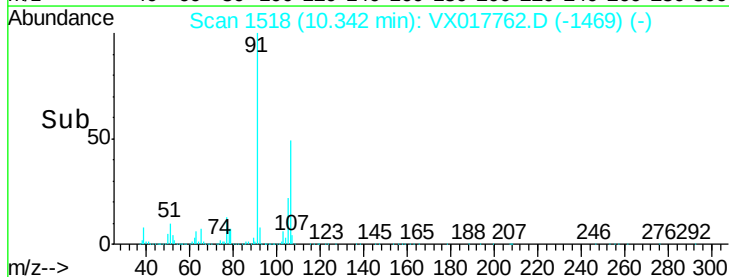
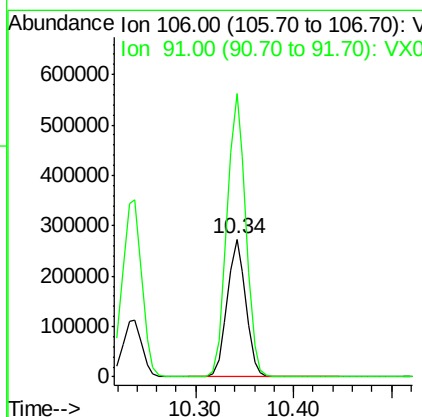
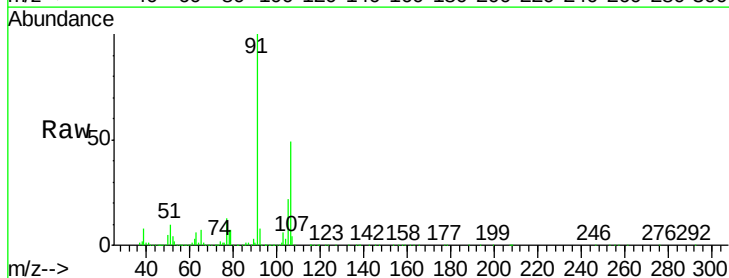
Manual Integrations
APPROVED

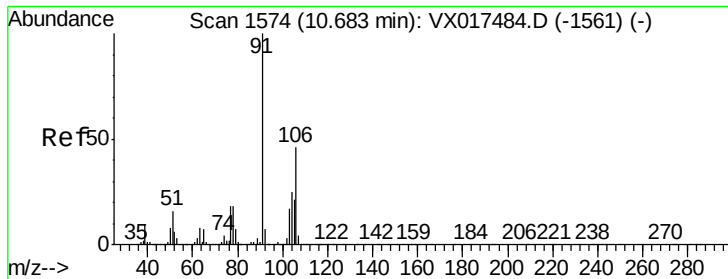
MMDadoda
8/5/2020 2:51:17 PM



#68
m/p-Xylenes
Concen: 37.263 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 106 Resp: 362004
Ion Ratio Lower Upper
106 100
91 207.7 160.9 241.3





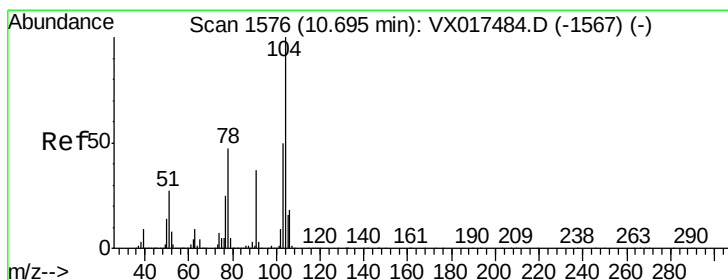
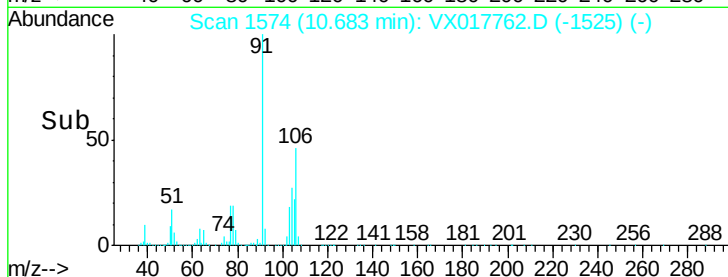
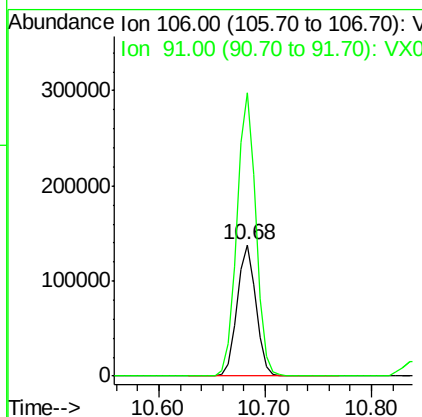
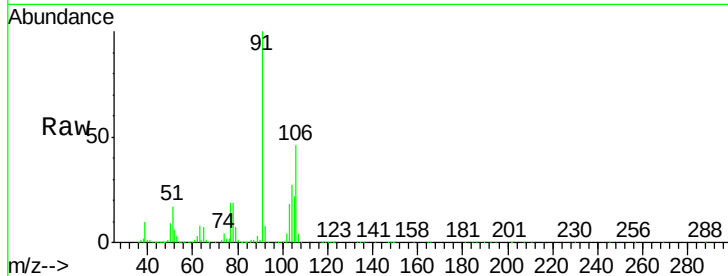
#69
o-Xylene
Concen: 18.393 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	217.3	108.2	324.6

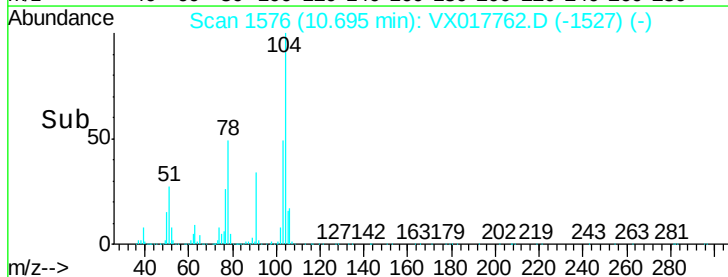
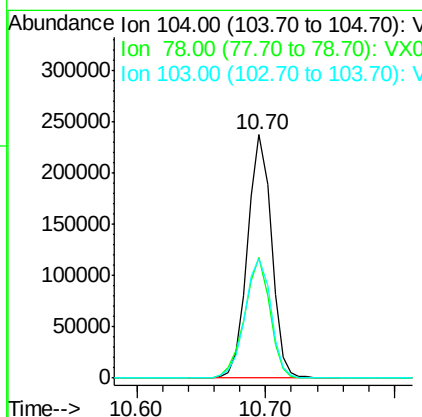
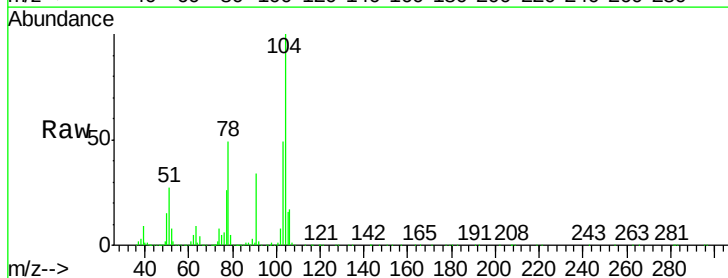
Manual Integrations
APPROVED

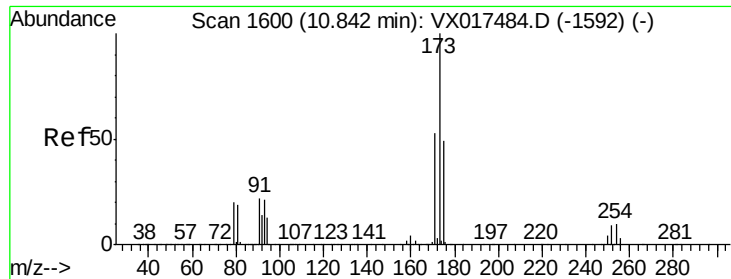
MMDadoda
8/5/2020 2:51:17 PM



#70
Styrene
Concen: 19.046 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.5	42.5	63.7
103	53.9	44.3	66.5





#71

Bromoform

Concen: 18.930 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBSD01

Tgt Ion:173 Resp: 99435

Ion Ratio Lower Upper

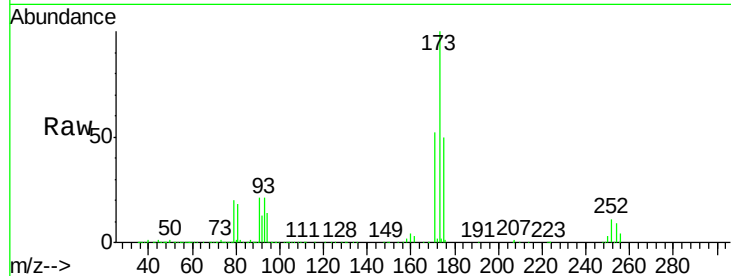
173 100

175 49.9 23.8 71.5

254 0.4 0.1 0.1#

Manual Integrations
APPROVED

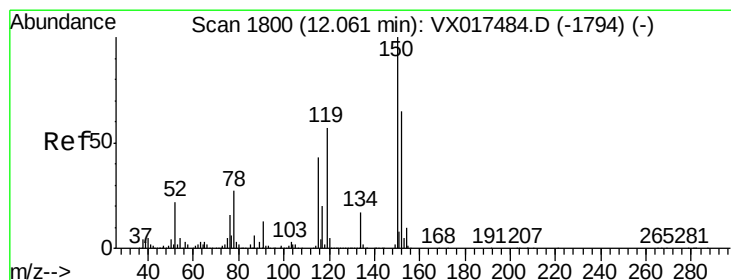
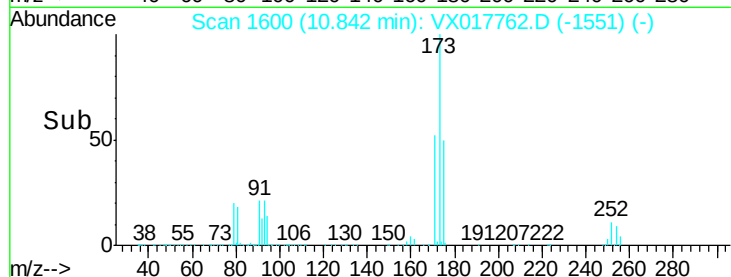
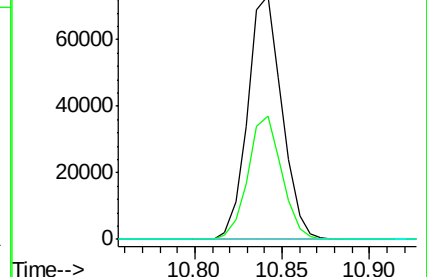
MMDadoda
8/5/2020 2:51:17 PM



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: VX017762.D

Acq: 04 Aug 2020 11:59

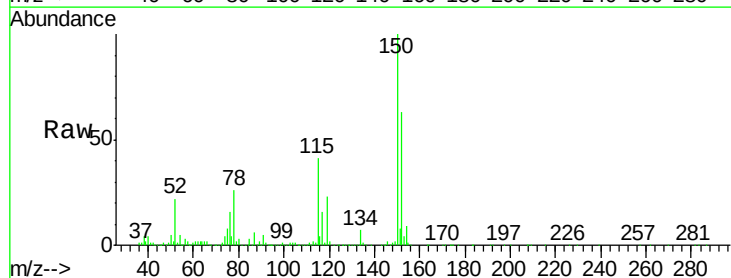
Tgt Ion:152 Resp: 373467

Ion Ratio Lower Upper

152 100

115 69.7 65.5 196.6

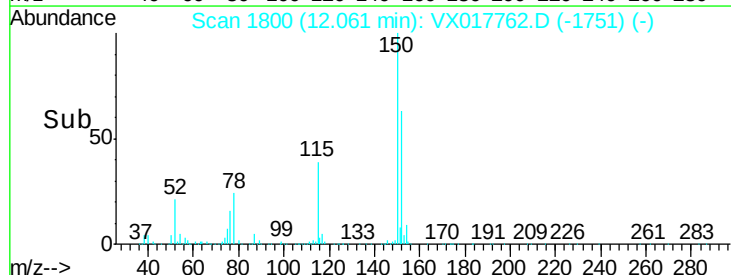
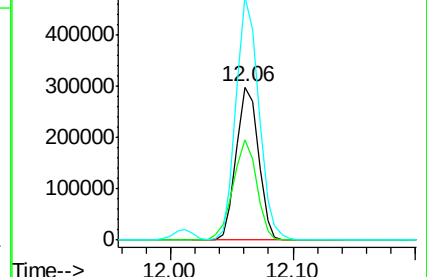
150 162.9 0.0 412.6

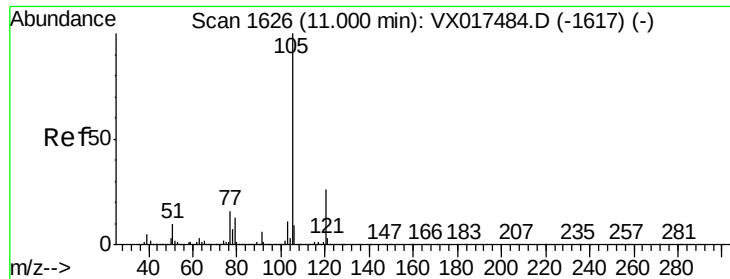


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.402 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBSD01

Tgt Ion: 105 Resp: 471460

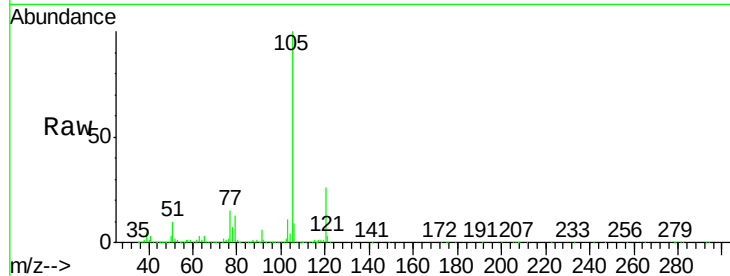
Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8

Manual Integrations
APPROVED

MMDadoda
8/5/2020 2:51:17 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

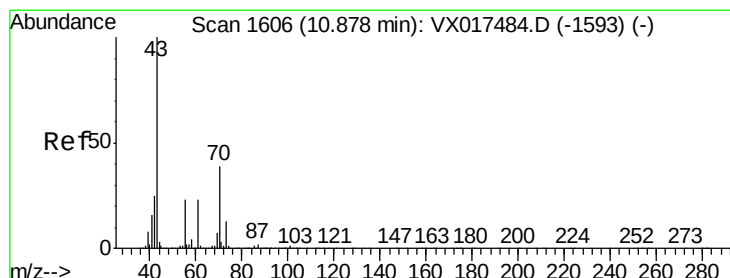
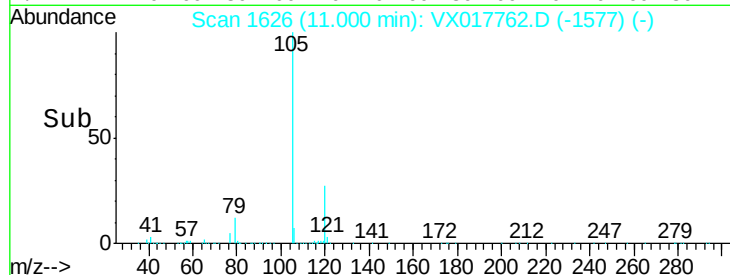
100000

0

Time--> 10.90

11.00

10.90



#74

N-ethyl acetate

Concen: 17.745 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Tgt Ion: 43 Resp: 201993

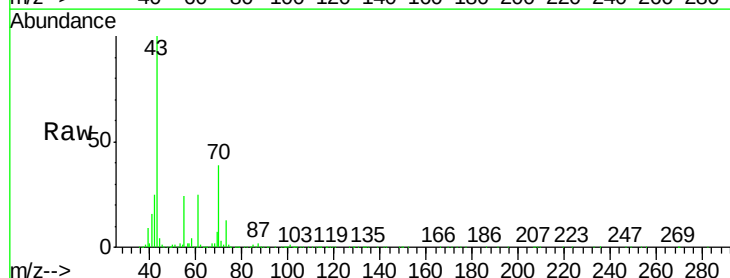
Ion Ratio Lower Upper

43 100

70 40.2 32.3 48.5

55 24.6 18.4 27.6

61 24.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

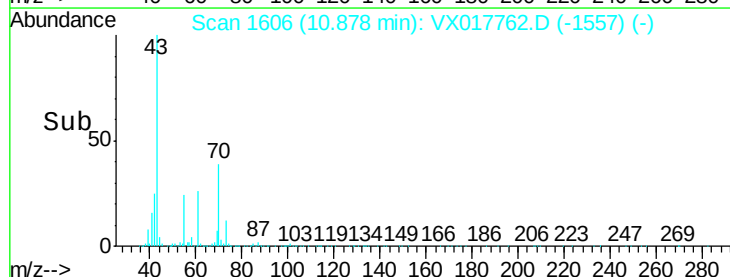
50000

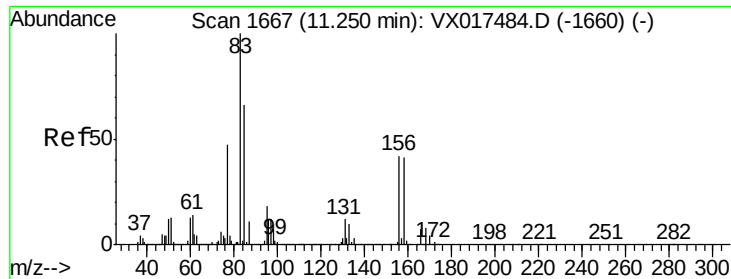
0

Time--> 10.80

10.88

10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 18.570 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBSD01

Tgt Ion: 83 Resp: 148503

Ion Ratio Lower Upper

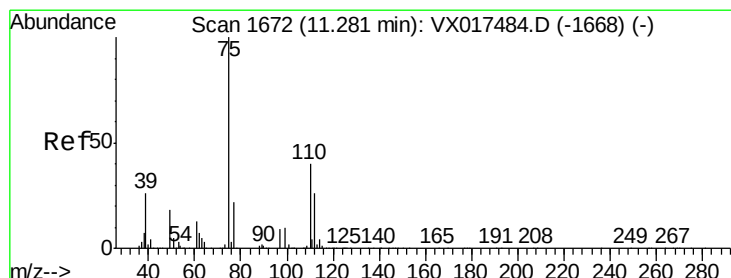
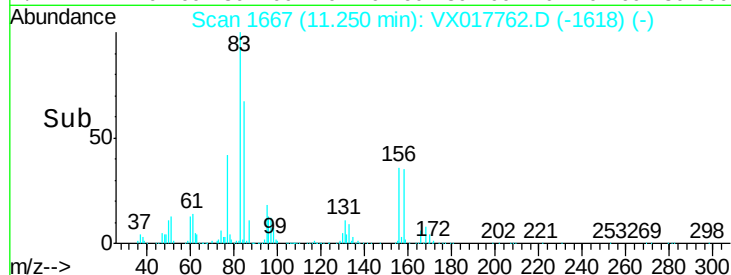
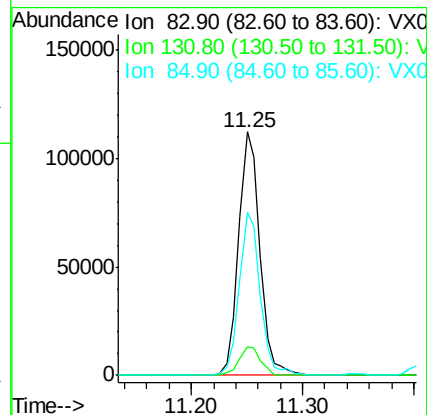
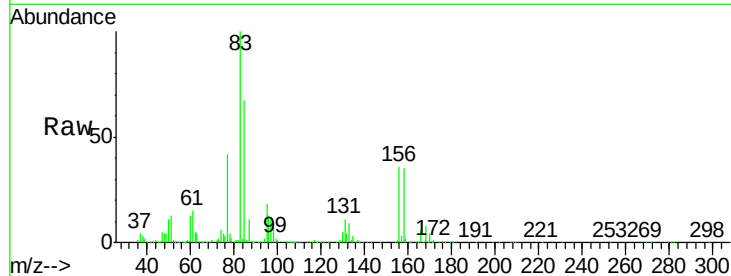
83 100

131 11.9 5.5 16.5

85 66.1 32.1 96.3

Manual Integrations
APPROVED

MMDadoda
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#76

1,2,3-Trichloropropane

Concen: 20.201 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017762.D

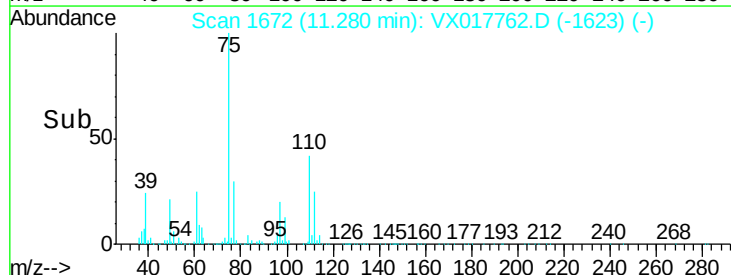
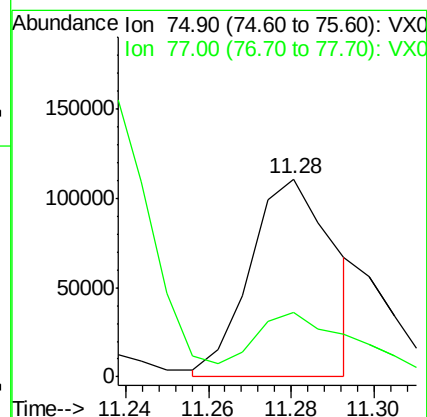
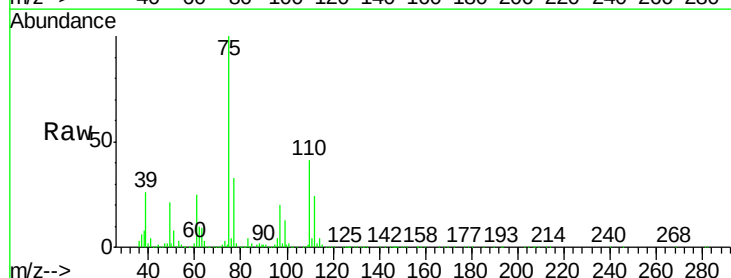
Acq: 04 Aug 2020 11:59

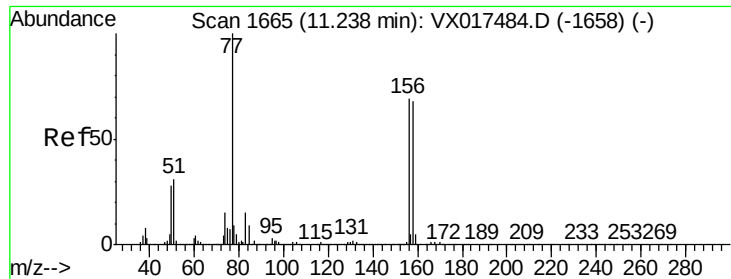
Tgt Ion: 75 Resp: 155189

Ion Ratio Lower Upper

75 100

77 39.6 21.8 65.3





#77

Bromobenzene

Concen: 18.139 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

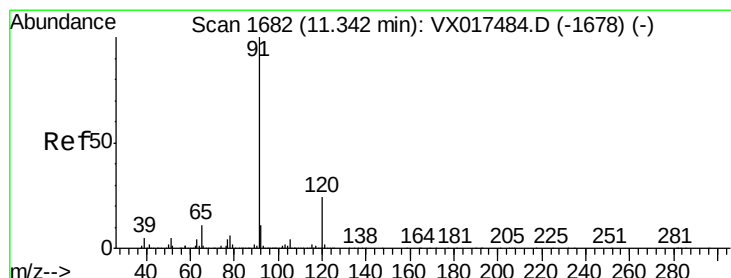
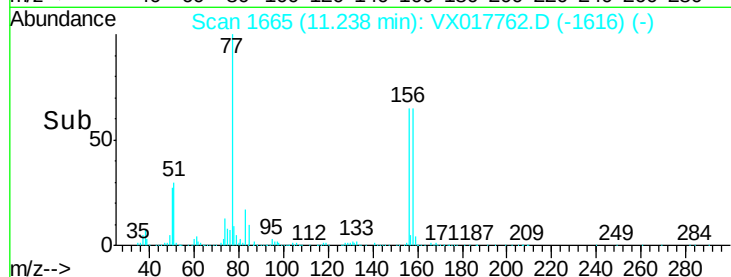
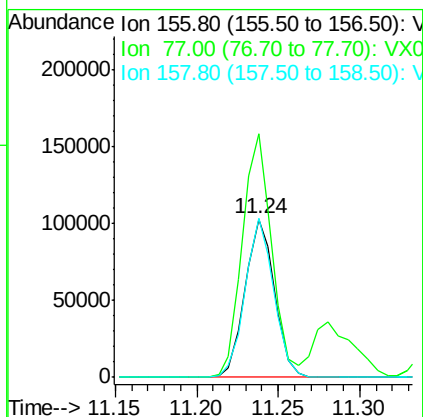
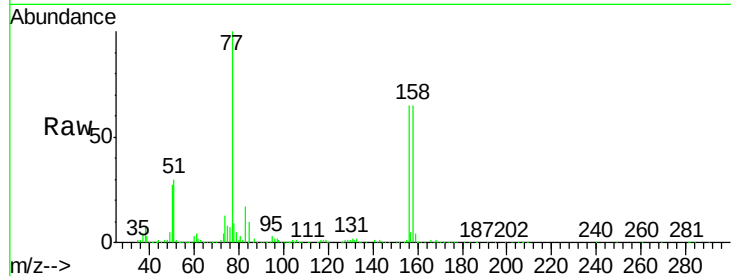
ClientSampleId :

VX0804WBSD01

Tgt Ion:	156	Resp:	130102
Ion Ratio	Lower	Upper	
156	100		
77	152.9	75.0	225.0
158	97.5	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 19.354 ug/l

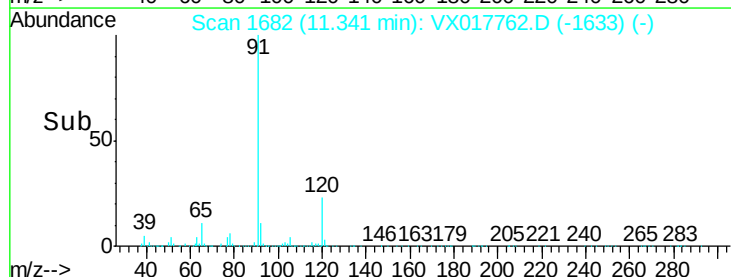
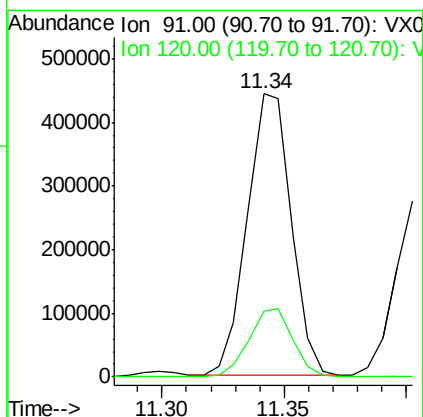
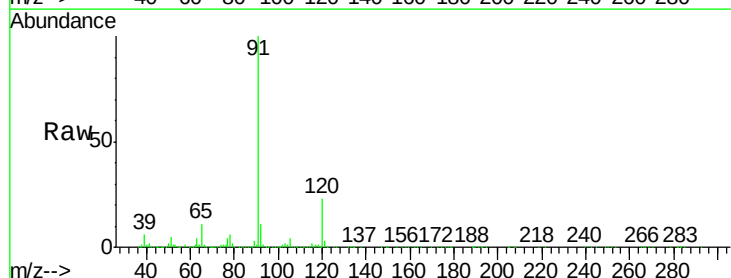
RT: 11.34 min Scan# 1682

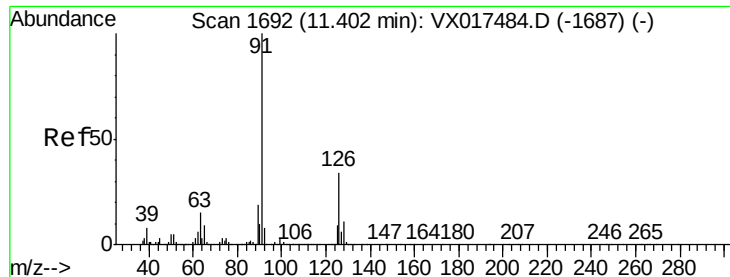
Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Tgt Ion:	91	Resp:	559254
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.2	36.4





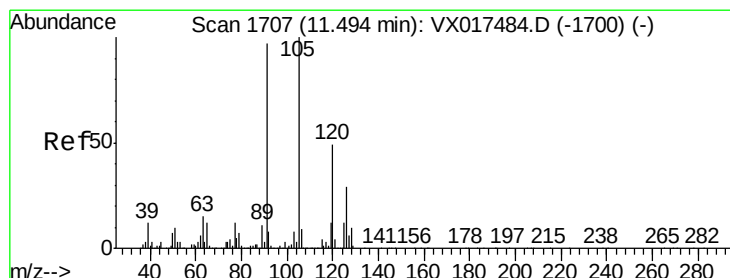
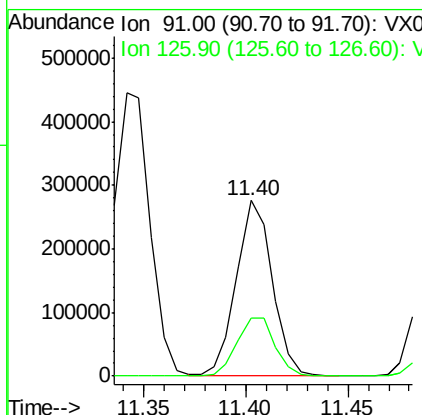
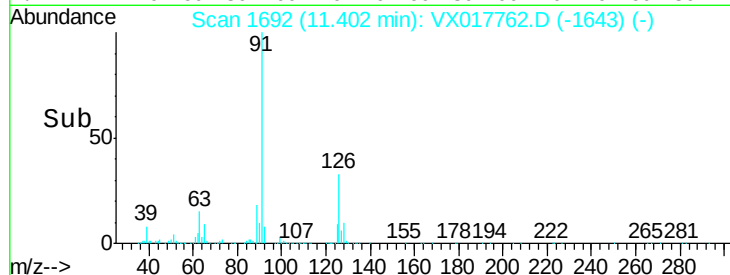
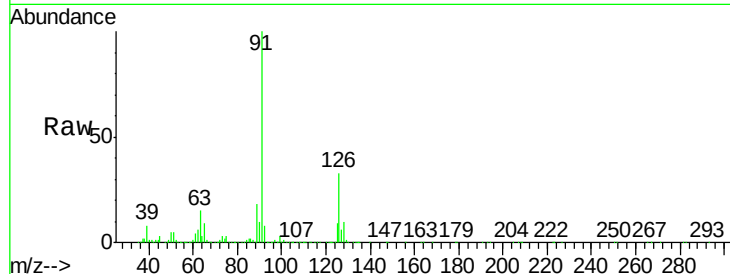
#79
 2-Chlorotoluene
 Concen: 18.712 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Instrument :
 MSVOA_X
 ClientSampled :
 VX0804WBSD01

Tgt Ion: 91 Resp: 334950
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.5 52.5

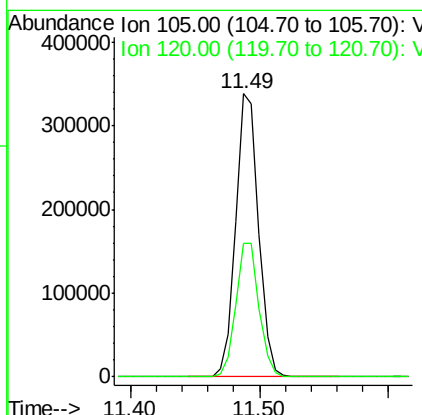
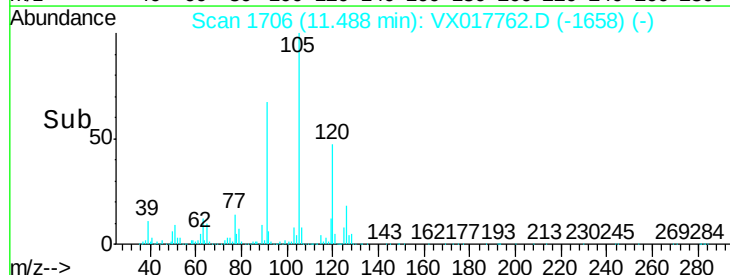
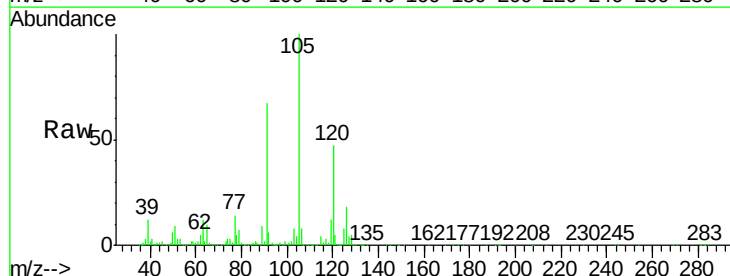
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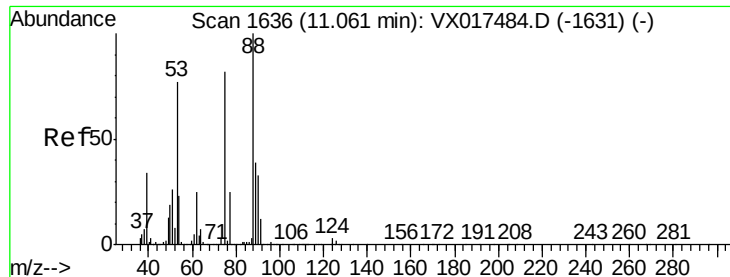
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.104 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion: 105 Resp: 417909
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.3





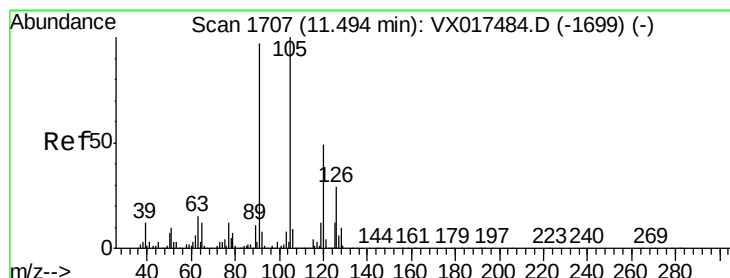
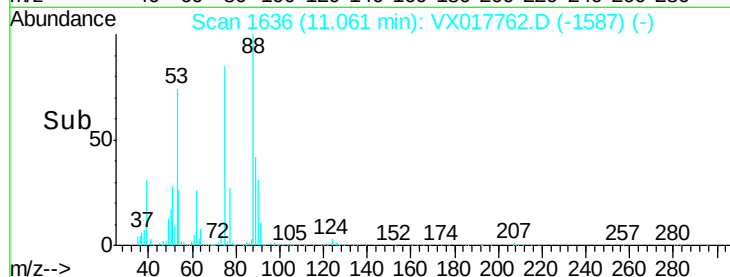
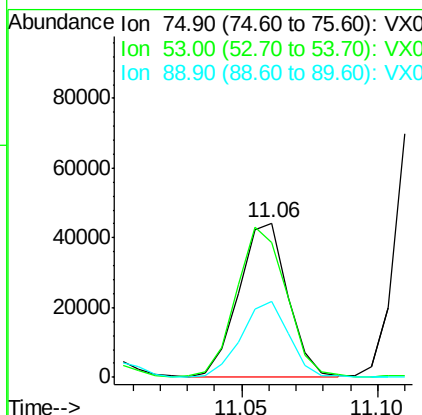
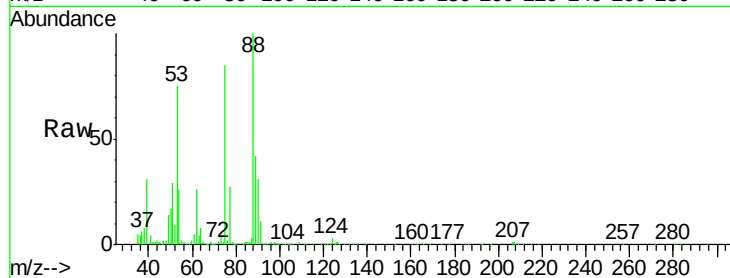
#81
trans-1,4-Dichloro-2-butene
Concen: 18.013 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.5	75.9	113.9
89	48.7	37.8	56.6

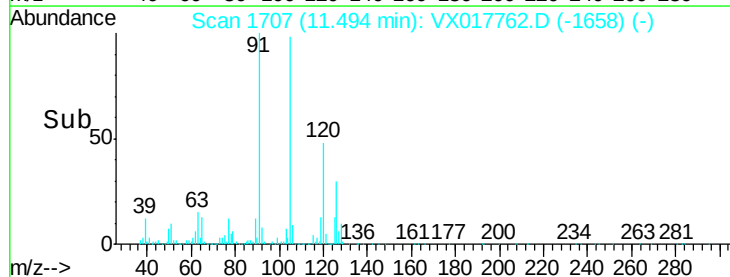
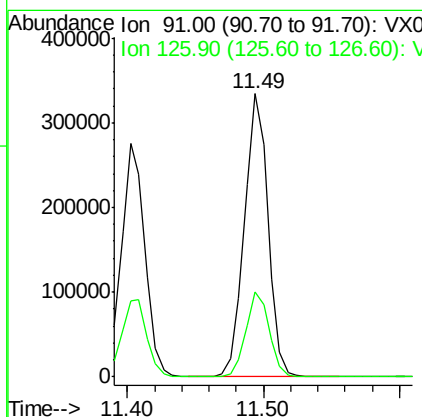
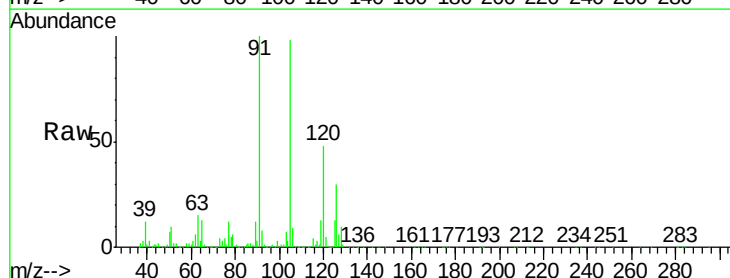
Manual Integrations
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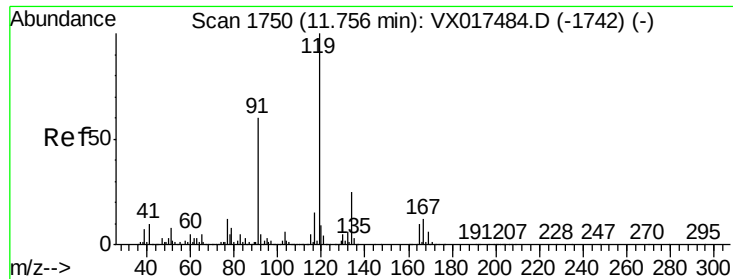
MMDadoda
8/5/2020 2:51:17 PM



#82
4-Chlorotoluene
Concen: 19.141 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.2	45.6





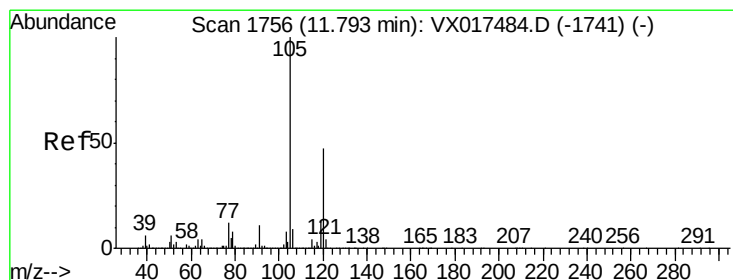
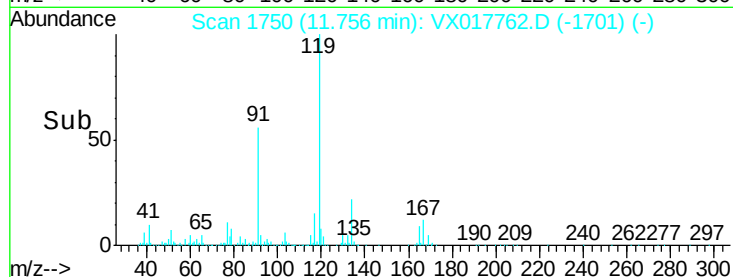
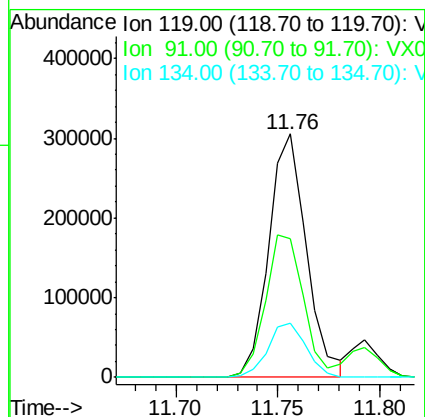
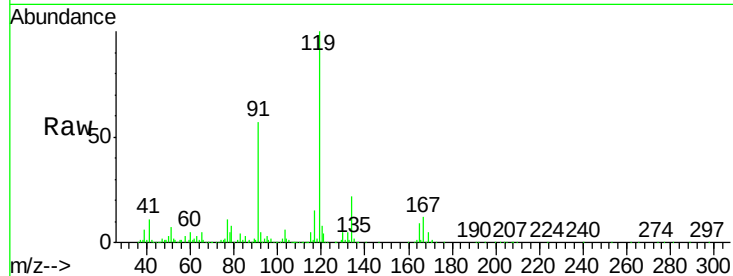
#83
 tert-Butylbenzene
 Concen: 18.828 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	394092		
91	58.7	29.3	88.0	
134	22.7	11.2	33.6	

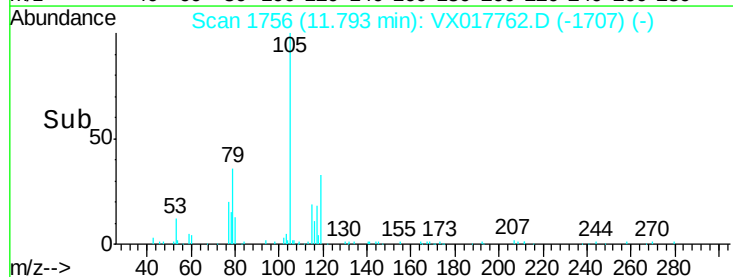
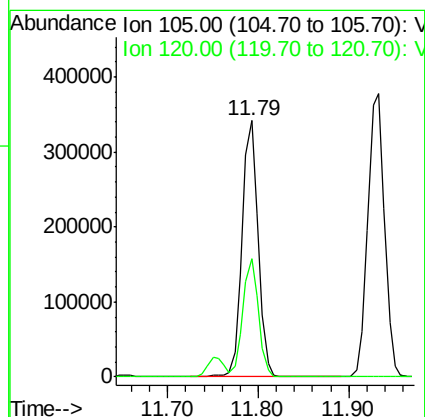
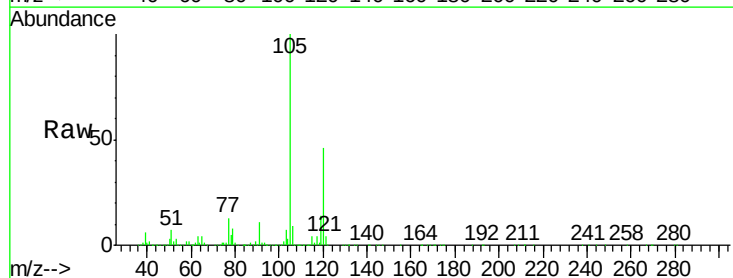
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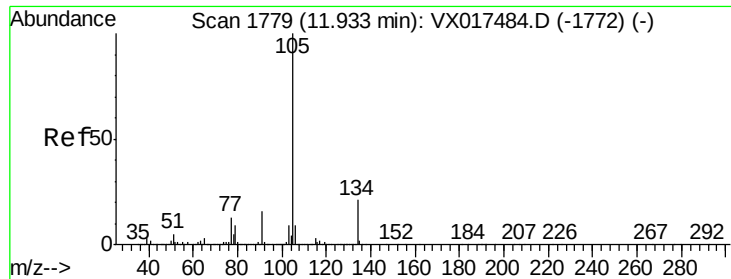
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.249 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	418797		
120	44.9	22.7	68.0	





#85

sec-Butylbenzene

Concen: 19.776 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBSD01

Tgt Ion:105 Resp: 482206

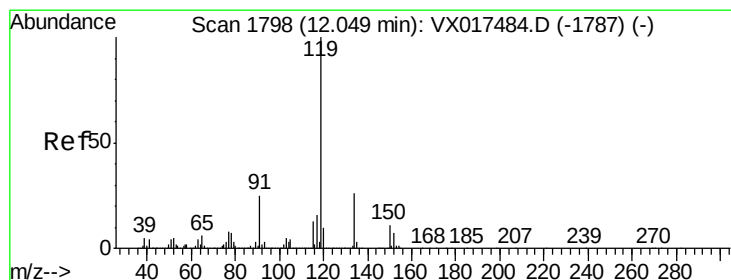
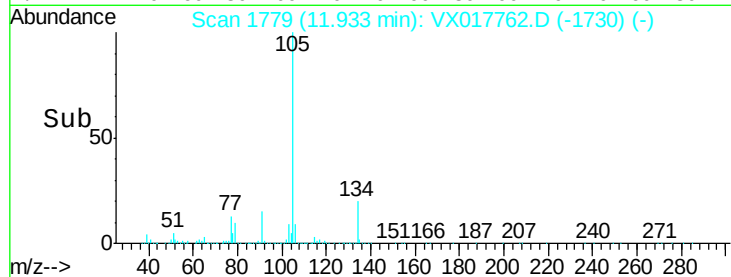
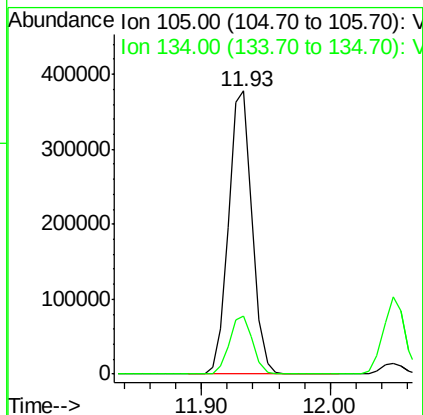
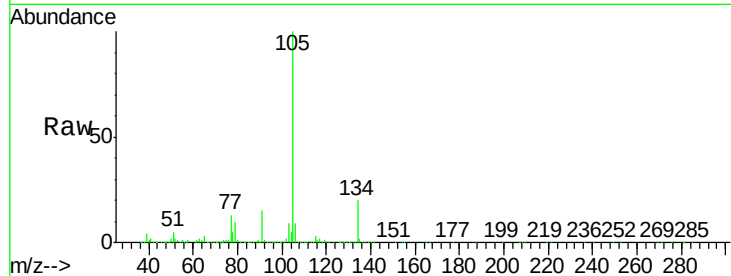
Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.148 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

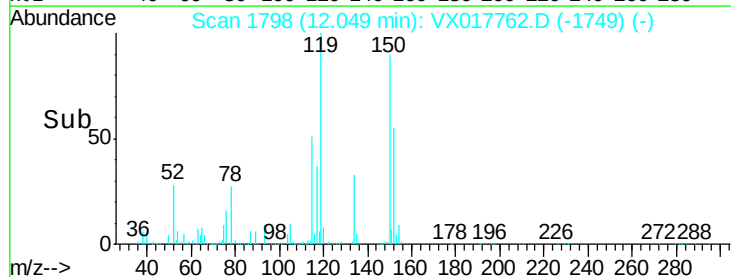
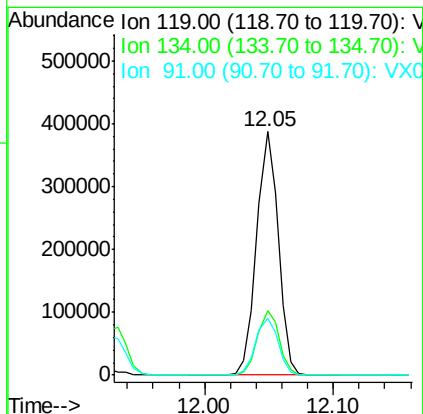
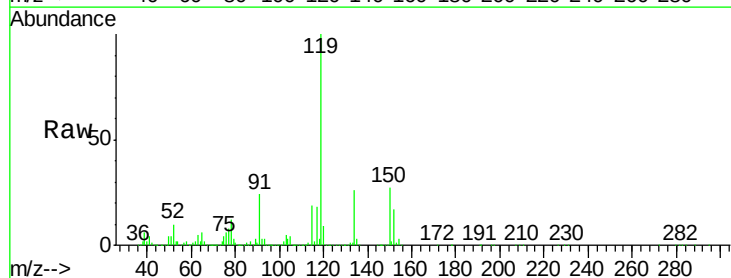
Tgt Ion:119 Resp: 444615

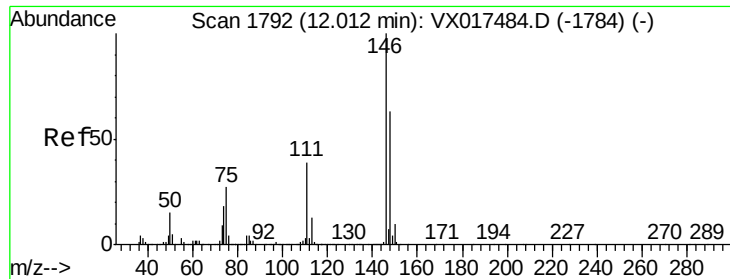
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 24.5 12.1 36.3





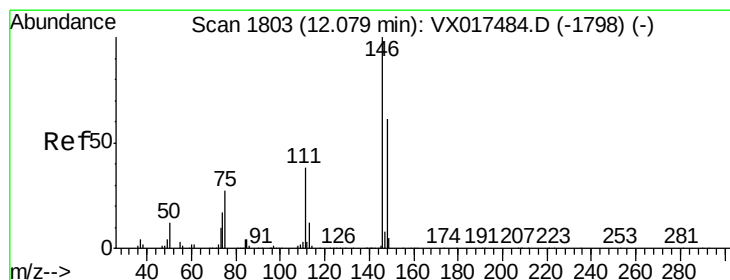
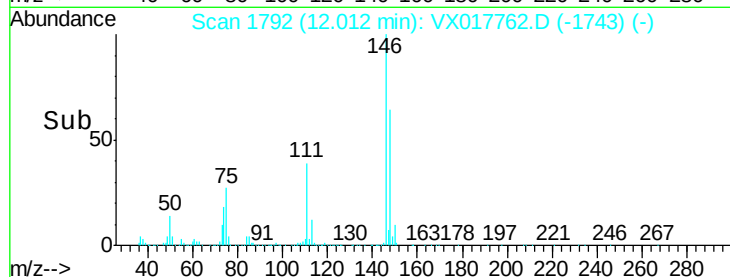
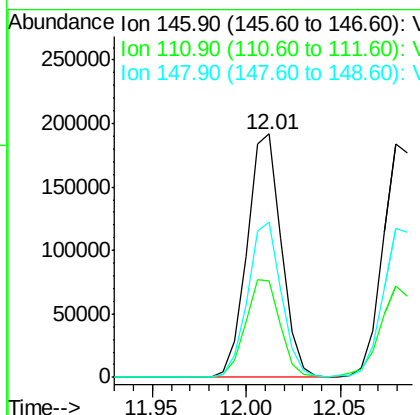
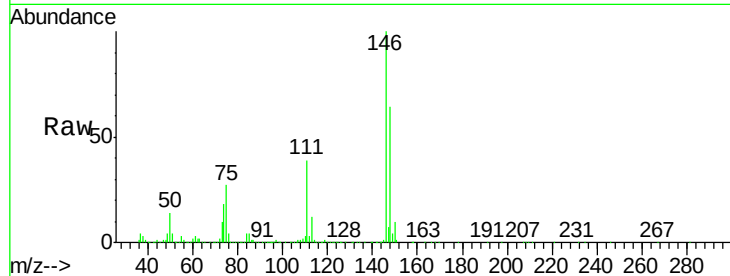
#87
 1,3-Dichlorobenzene
 Concen: 19.561 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.9	59.7
148	62.8	31.6	95.0

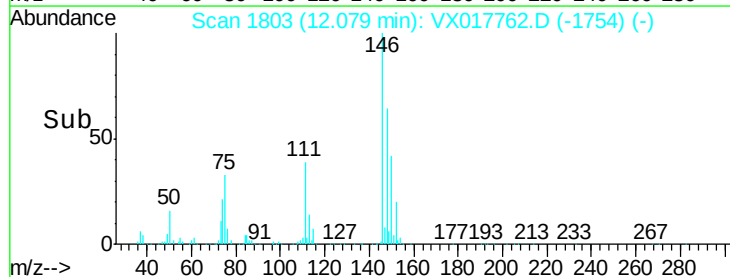
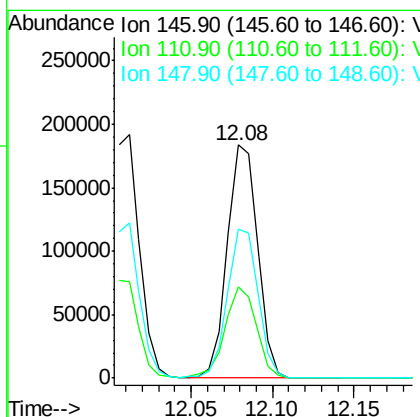
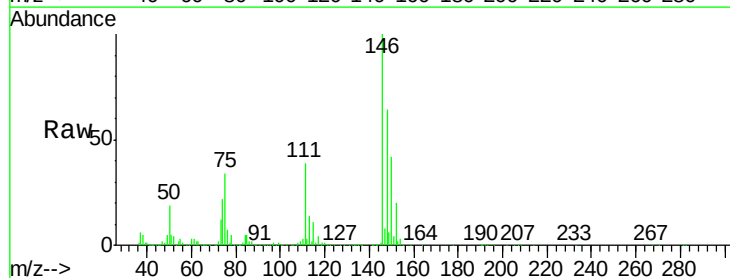
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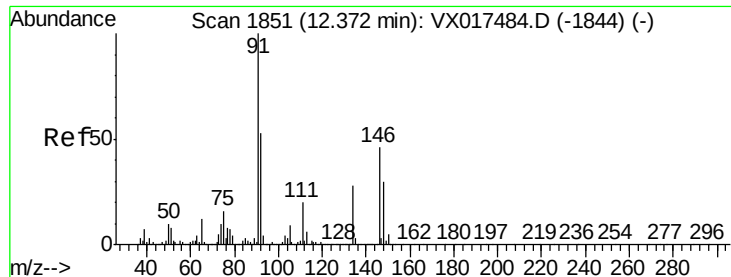
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#88
 1,4-Dichlorobenzene
 Concen: 18.665 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.3	57.8
148	64.6	32.2	96.6





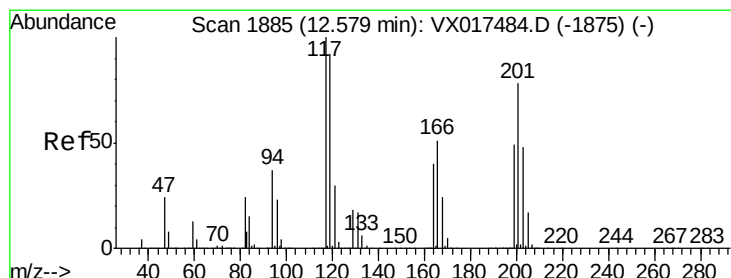
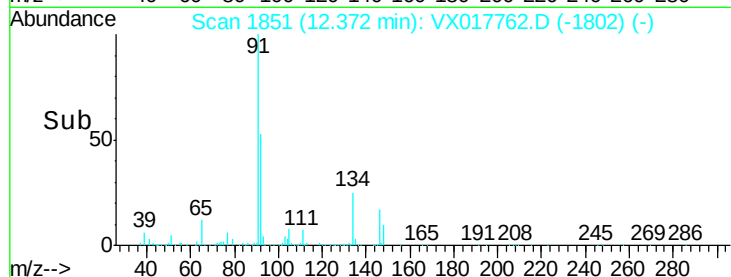
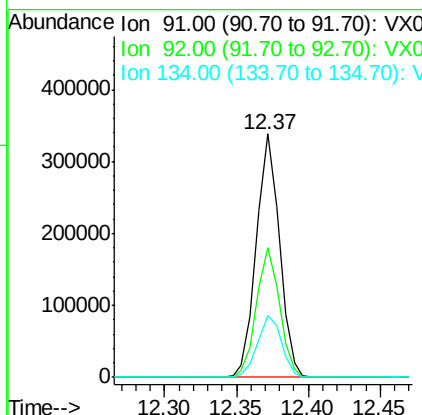
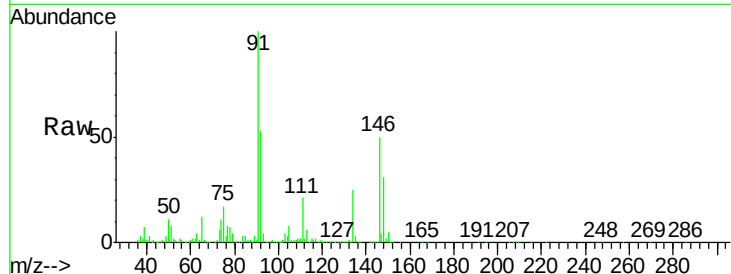
#89
n-Butylbenzene
Concen: 18.101 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	374526		
92	52.9	26.7	80.1	
134	26.4	13.6	40.7	

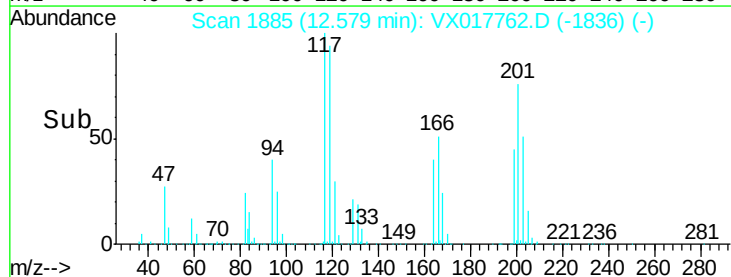
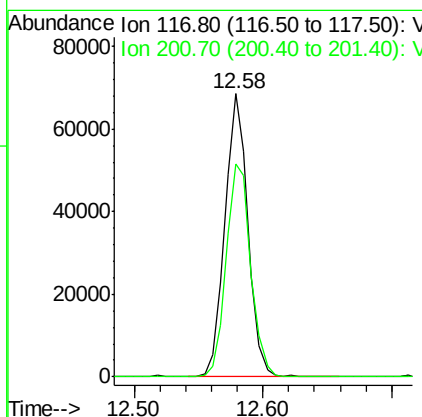
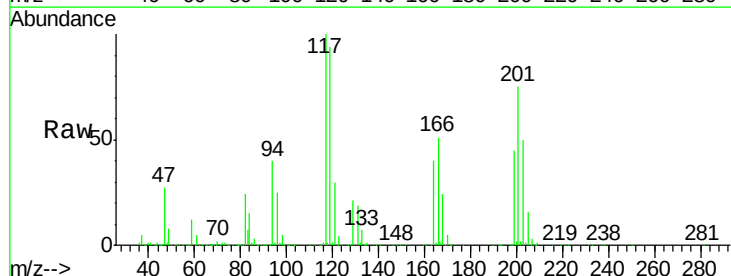
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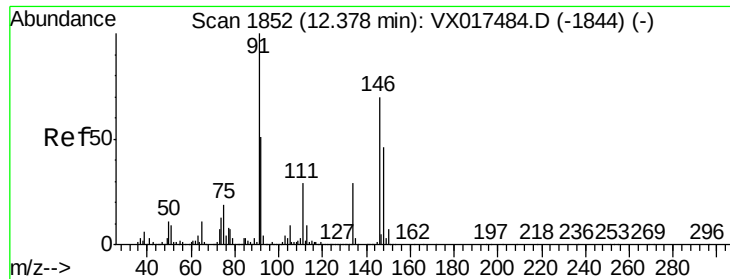
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#90
Hexachloroethane
Concen: 18.886 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	86456		
201	79.7	42.2	126.6	





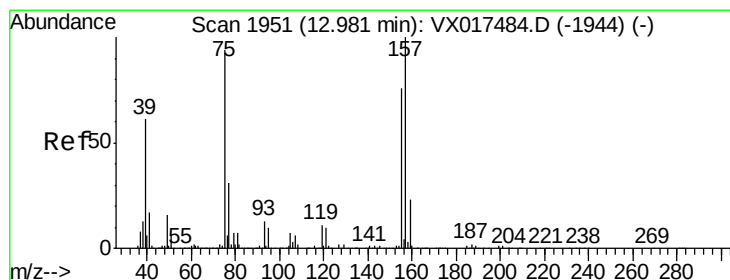
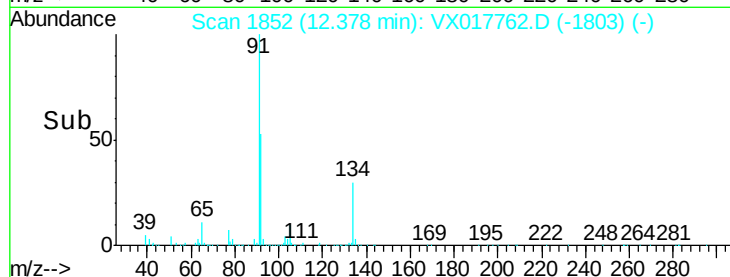
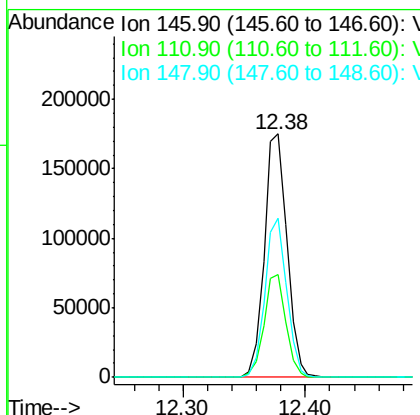
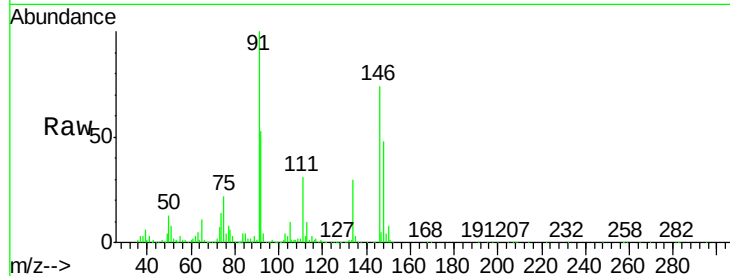
#91
 1,2-Dichlorobenzene
 Concen: 18.768 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	227196		
111	40.8	20.9	62.8	
148	62.9	32.8	98.4	

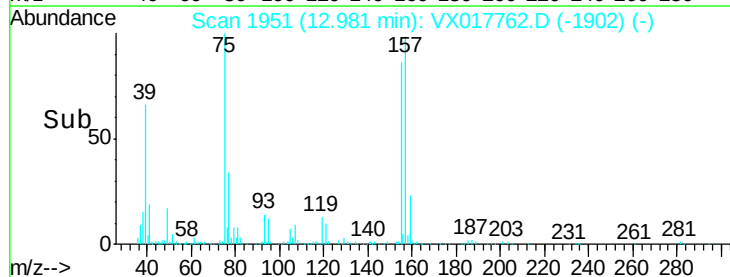
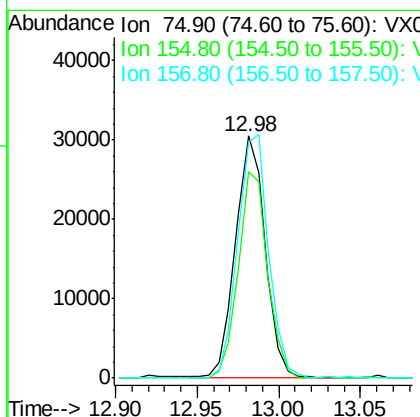
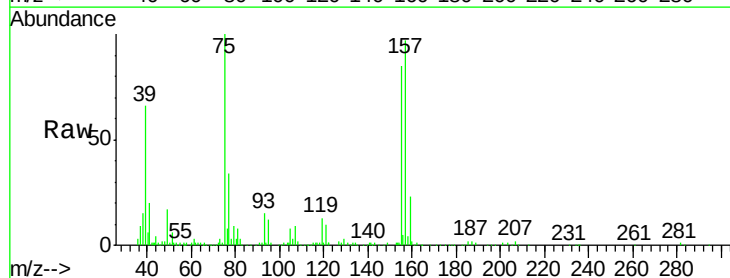
Manual Integrations
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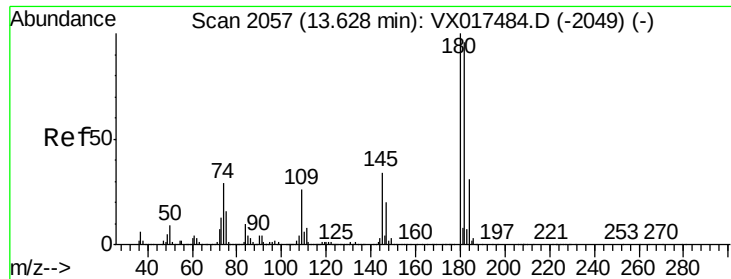
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.748 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38559		
155	84.5	42.3	126.8	
157	104.9	54.3	162.9	





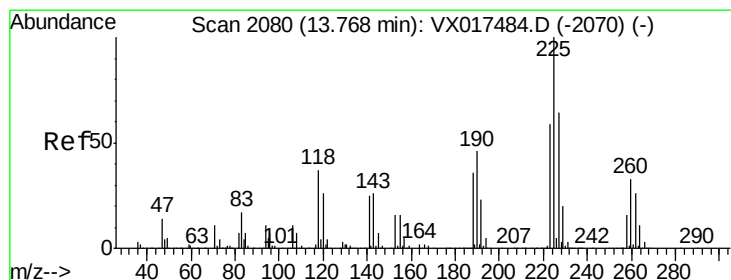
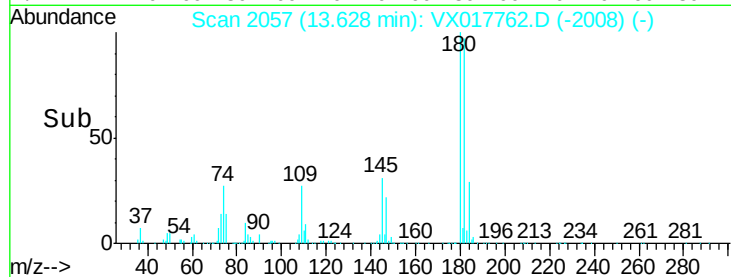
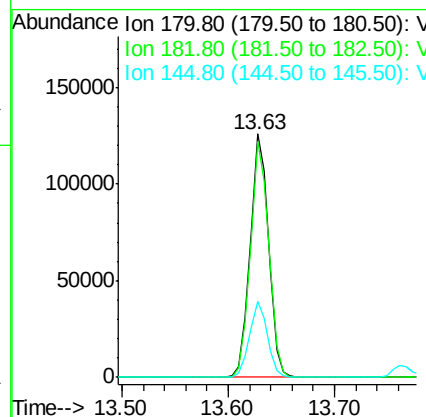
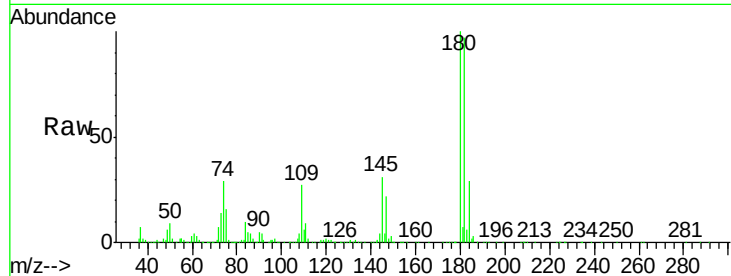
#93
 1,2,4-Trichlorobenzene
 Concen: 18.553 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	153286		
182	97.0	47.5	142.6	
145	30.6	15.4	46.4	

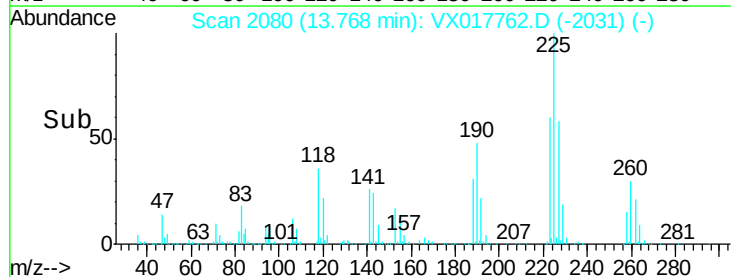
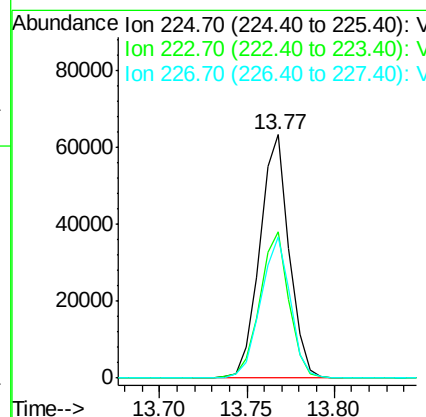
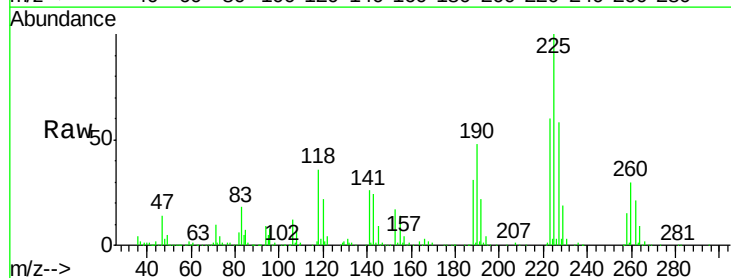
Manual Integrations
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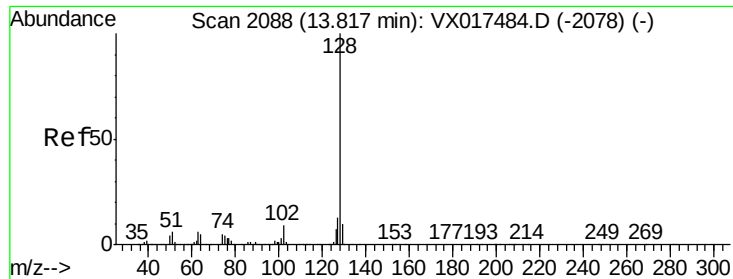
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 8/5/2020 2:51:17 PM



#94
 Hexachlorobutadiene
 Concen: 19.381 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73708		
223	60.0	30.3	90.9	
227	58.4	31.1	93.2	





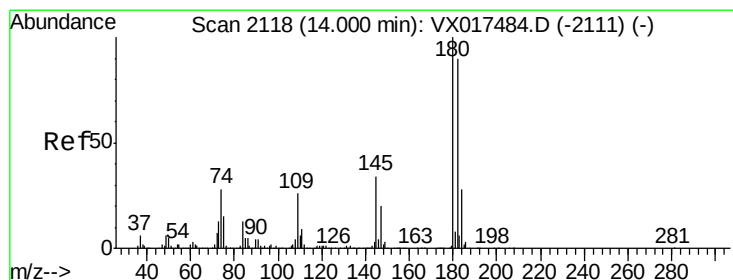
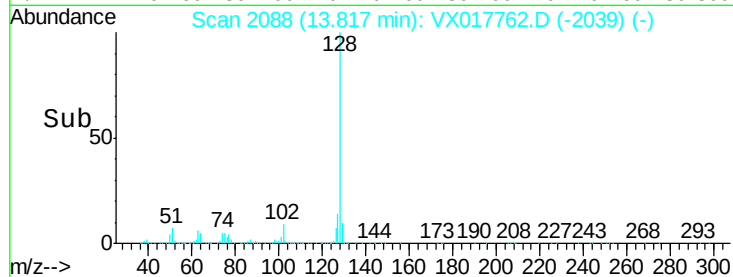
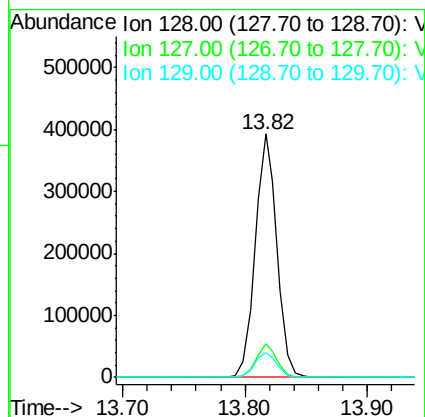
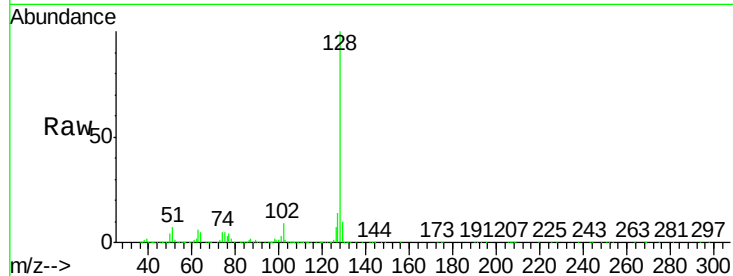
#95
Naphthalene
Concen: 19.622 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	13.2	10.4	15.6
129	10.5	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/5/2020 2:51:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.748 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.6	47.4	142.3
145	32.6	16.3	48.9

