

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010430.D
 Acq On : 25 Jun 2019 11:48
 Operator : JC/SP
 Sample : VX0625WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 4:59:02 PM

Quant Time: Jun 26 01:42:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	471492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	428902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134831	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
35) Dibromofluoromethane	5.49	113	130766	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
50) Toluene-d8	8.71	98	501556	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
62) 4-Bromofluorobenzene	11.13	95	180527	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	36306	16.120	ug/l	97
3) Chloromethane	1.32	50	41196	15.708	ug/l	97
4) Vinyl Chloride	1.41	62	44130	15.362	ug/l	98
5) Bromomethane	1.64	94	24394	17.431	ug/l	100
6) Chloroethane	1.72	64	28223	16.653	ug/l	97
7) Trichlorofluoromethane	1.93	101	78150	17.162	ug/l	96
8) Diethyl Ether	2.19	74	27682	16.951	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46618	16.893	ug/l	99
10) Methyl Iodide	2.51	142	54574	13.857	ug/l	99
11) Tert butyl alcohol	3.04	59	66239	83.339	ug/l	99
12) 1,1-Dichloroethene	2.37	96	45557	16.224	ug/l	100
13) Acrolein	2.29	56	34943	66.273	ug/l	97
14) Allyl chloride	2.73	41	66226	16.612	ug/l	100
15) Acrylonitrile	3.14	53	128562	81.697	ug/l	100
16) Acetone	2.44	43	124632	81.871	ug/l	97
17) Carbon Disulfide	2.57	76	112419	14.922	ug/l	100
18) Methyl Acetate	2.77	43	49549	16.331	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	146633	16.599	ug/l	98
20) Methylene Chloride	2.85	84	51480	16.433	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48536	16.071	ug/l	96
22) Diisopropyl ether	3.85	45	140019	16.799	ug/l	97
23) Vinyl Acetate	3.81	43	615041	85.415	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79379	16.476	ug/l	98
25) 2-Butanone	4.67	43	184251	82.512	ug/l	100
26) 2,2-Dichloropropane	4.58	77	70713	16.895	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	56907	16.306	ug/l	98
28) Bromochloromethane	5.01	49	41144	17.861	ug/l	98
29) Tetrahydrofuran	5.13	42	111021	80.267	ug/l	99
30) Chloroform	5.21	83	85786	16.549	ug/l	99
31) Cyclohexane	5.57	56	73144	16.671	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	74724	16.325	ug/l	99
36) 1,1-Dichloropropene	5.80	75	61876	16.515	ug/l	99
37) Ethyl Acetate	4.84	43	65979	17.117	ug/l	100
38) Carbon Tetrachloride	5.79	117	67058	16.528	ug/l	98

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 Acq On : 25 Jun 2019 11:48
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 Sample : VX0625WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0625WBSD02

Manual Integrations
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 7/1/2019 4:59:02 PM

Quant Time: Jun 26 01:42:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83916	17.039	ug/l	98
40) Benzene	6.14	78	197656	16.933	ug/l	99
41) Methacrylonitrile	5.04	41	34972	16.536	ug/l	98
42) 1,2-Dichloroethane	6.20	62	61673	17.357	ug/l	99
43) Isopropyl Acetate	6.45	43	109713	17.204	ug/l	99
44) Trichloroethene	7.21	130	58949	16.877	ug/l	99
45) 1,2-Dichloropropane	7.51	63	50265	17.052	ug/l	95
46) Dibromomethane	7.66	93	35450	16.762	ug/l	98
47) Bromodichloromethane	7.90	83	64040	16.523	ug/l	95
48) Methyl methacrylate	7.77	41	49356	16.651	ug/l	98
49) 1,4-Dioxane	7.74	88	29887	350.001	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	349469	85.684	ug/l	99
52) Toluene	8.78	92	131969	17.168	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	71077	16.357	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	79951	16.931	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	55364	17.463	ug/l	96
56) Ethyl methacrylate	9.18	69	80004	16.659	ug/l	98
57) 1,3-Dichloropropane	9.37	76	83825	17.033	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	202865	88.942	ug/l	100
59) 2-Hexanone	9.49	43	276037	85.993	ug/l	99
60) Dibromochloromethane	9.58	129	58714	16.541	ug/l	99
61) 1,2-Dibromoethane	9.67	107	58434	17.076	ug/l	98
64) Tetrachloroethene	9.34	164	58088	16.745	ug/l	99
65) Chlorobenzene	10.13	112	146873	16.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54929	17.318	ug/l	98
67) Ethyl Benzene	10.25	91	251842	17.132	ug/l	99
68) m/p-Xylenes	10.36	106	197057	34.596	ug/l	100
69) o-Xylene	10.69	106	95474	17.044	ug/l	99
70) Styrene	10.71	104	161274	17.168	ug/l	100
71) Bromoform	10.85	173	44249	16.043	ug/l #	99
73) Isopropylbenzene	11.02	105	255313	17.106	ug/l	99
74) N-amyl acetate	10.90	43	95203	16.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	82923	16.777	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	68350m	17.036	ug/l	
77) Bromobenzene	11.26	156	69792	16.747	ug/l	98
78) n-propylbenzene	11.36	91	285753	17.420	ug/l	99
79) 2-Chlorotoluene	11.42	91	165557	16.949	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	211009	17.150	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26381	15.339	ug/l	96
82) 4-Chlorotoluene	11.51	91	191757	17.253	ug/l	98
83) tert-Butylbenzene	11.77	119	213426	17.282	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	216952	17.550	ug/l	98
85) sec-Butylbenzene	11.94	105	250868	17.302	ug/l	100
86) p-Isopropyltoluene	12.06	119	232877	17.364	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	123813	17.020	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	123652	16.696	ug/l	98
89) n-Butylbenzene	12.38	91	200589	17.601	ug/l	100
90) Hexachloroethane	12.59	117	38317	16.523	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	123452	17.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16603	15.580	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Manual Integrations
APPROVED

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Quant Time: Jun 26 01:42:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86788	17.309	ug/l	99
94) Hexachlorobutadiene	13.78	225	41567	16.963	ug/l	97
95) Naphthalene	13.83	128	264439	17.162	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	85450	17.141	ug/l	99

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

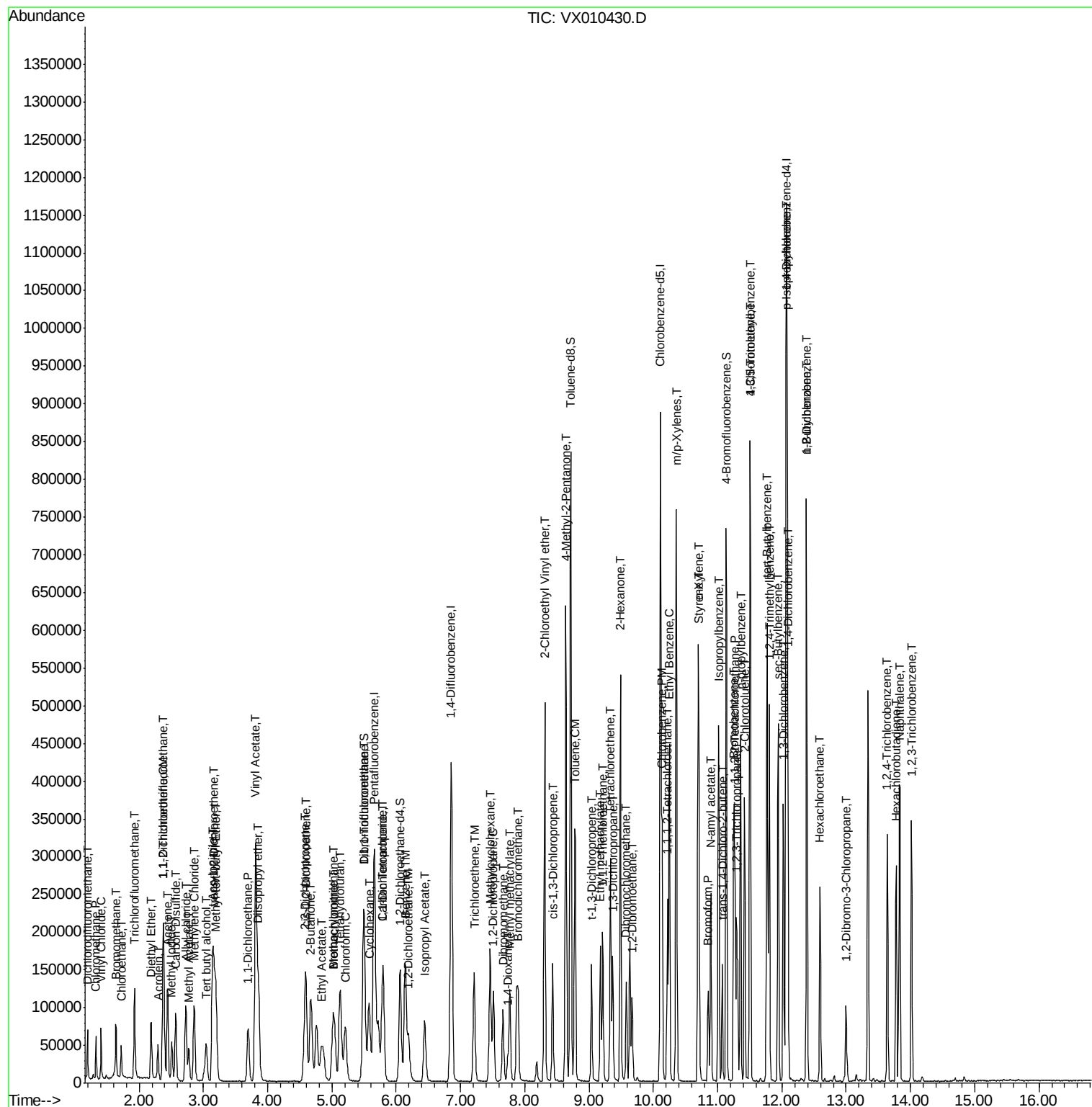
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062519\
Data File : VX010430.D
Acq On : 25 Jun 2019 11:48
Operator : JC/SP
Sample : VX0625WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

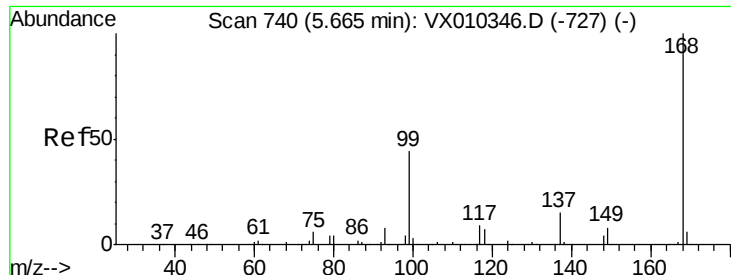
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Manual Integrations
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7/1/2019 4:59:02 PM

Quant Time: Jun 26 01:42:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion:168 Resp: 323964

Ion Ratio Lower Upper

168 100

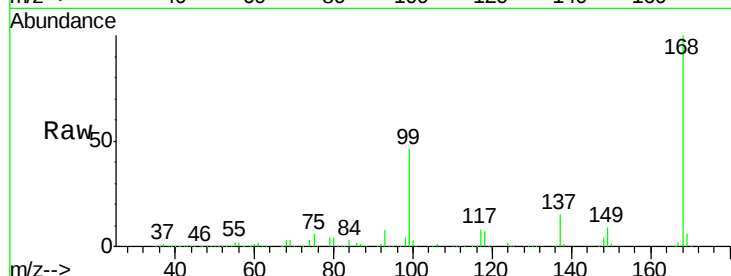
99 45.9 35.5 53.3

Manual Integrations

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7/1/2019 4:59:02 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

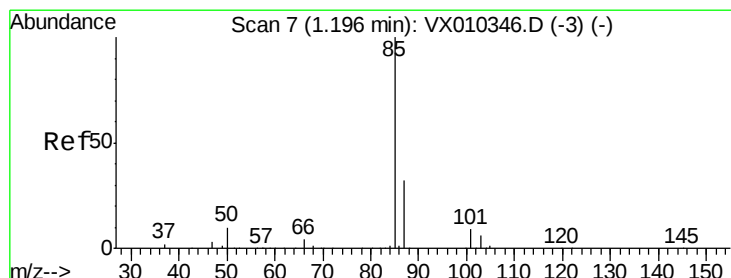
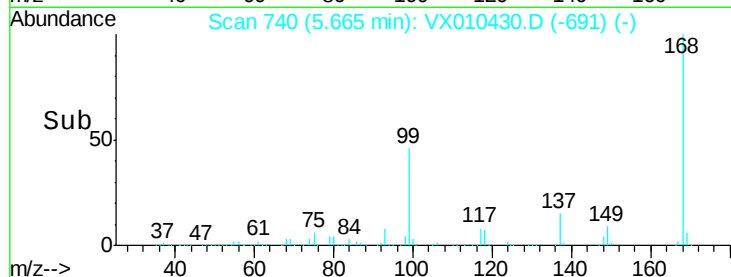
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.120 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010430.D

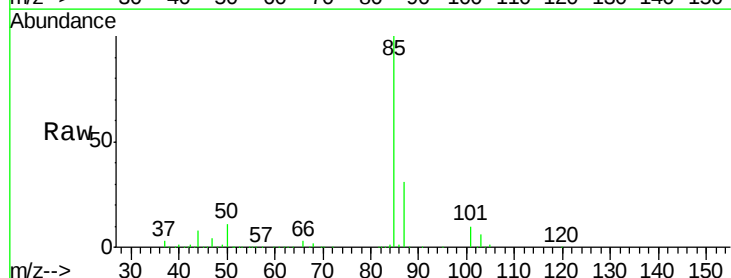
Acq: 25 Jun 2019 11:48

Tgt Ion: 85 Resp: 36306

Ion Ratio Lower Upper

85 100

87 30.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

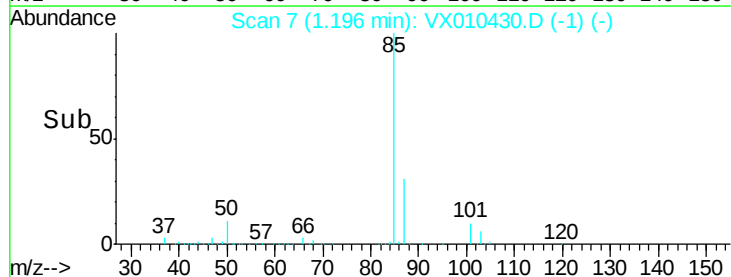
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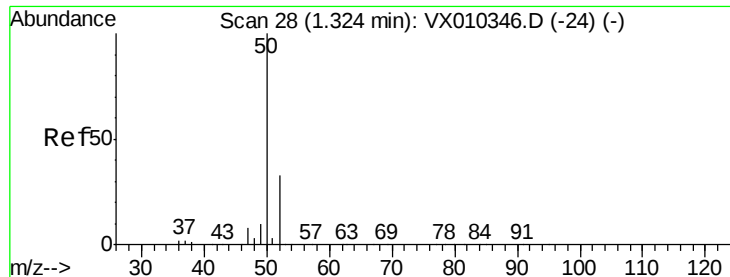
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 15.708 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion: 50 Resp: 41196

Ion Ratio Lower Upper

50 100

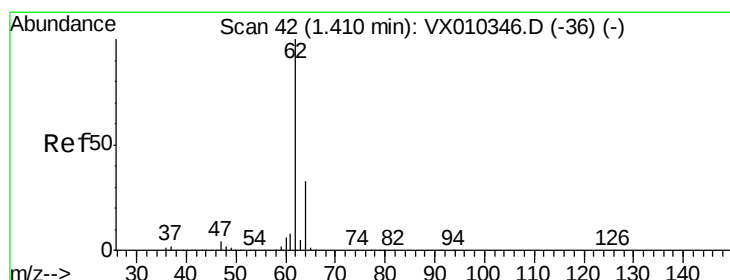
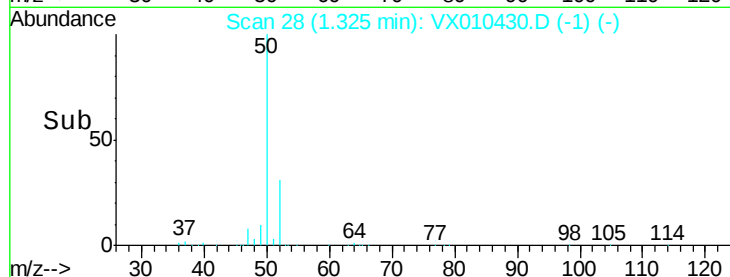
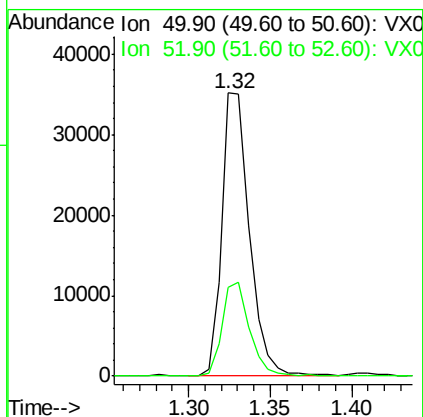
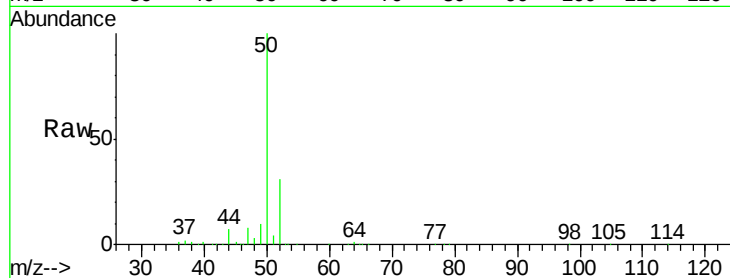
52 31.5 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.362 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010430.D

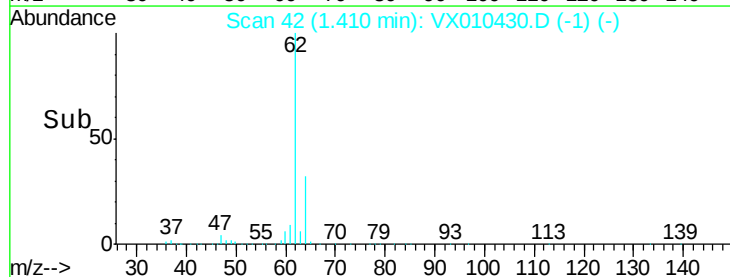
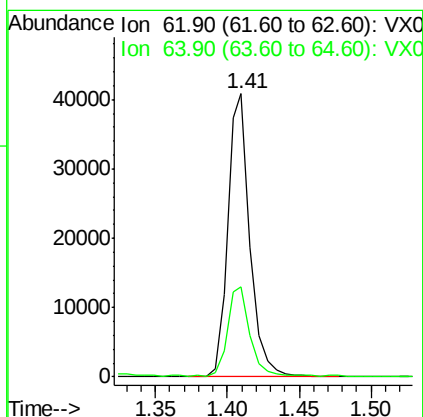
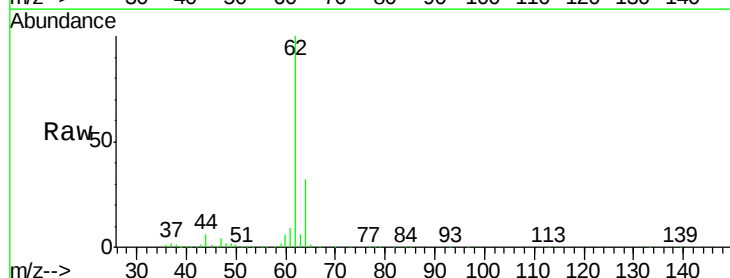
Acq: 25 Jun 2019 11:48

Tgt Ion: 62 Resp: 44130

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.4





#5

Bromomethane

Concen: 17.431 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion: 94 Resp: 24394

Ion Ratio Lower Upper

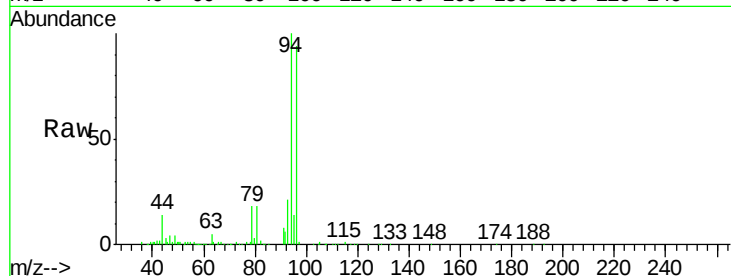
94 100

96 94.0 75.5 113.3

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

10000

5000

0

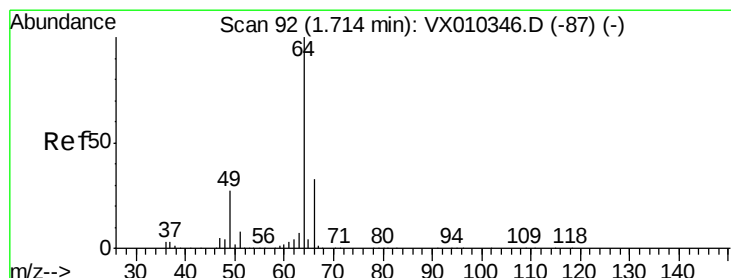
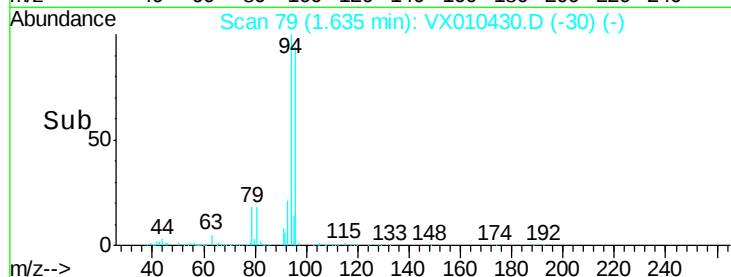
Time-->

1.55

1.60

1.65

1.70



#6

Chloroethane

Concen: 16.653 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010430.D

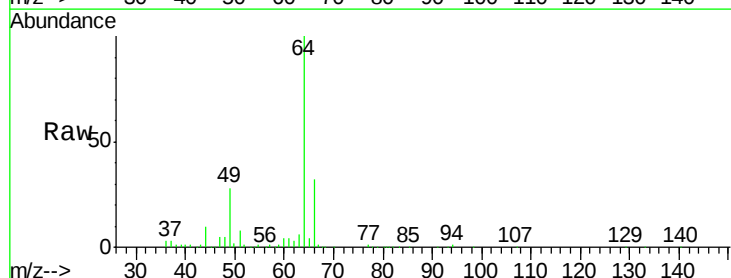
Acq: 25 Jun 2019 11:48

Tgt Ion: 64 Resp: 28223

Ion Ratio Lower Upper

64 100

66 31.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

10000

5000

0

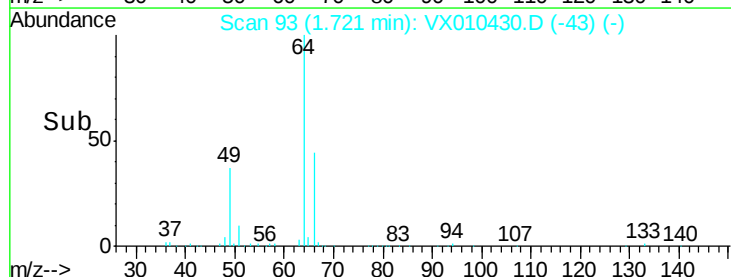
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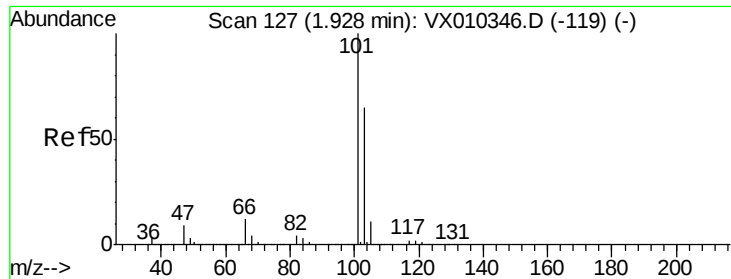
1.65

1.70

1.75

1.80





#7

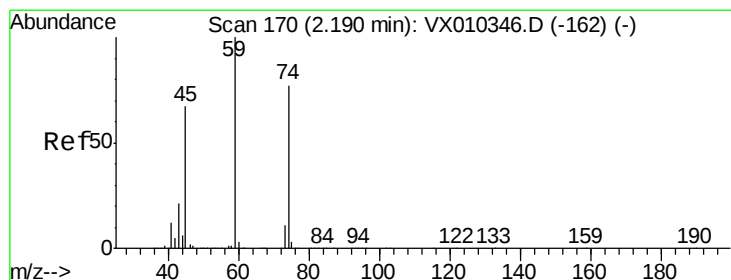
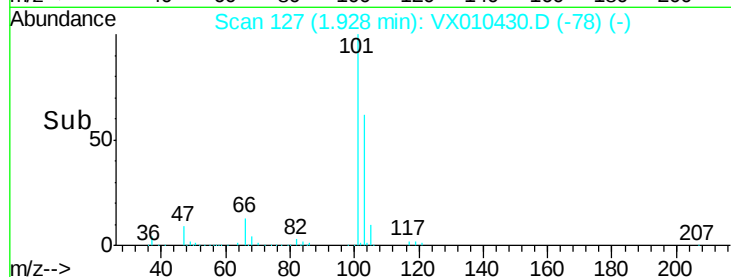
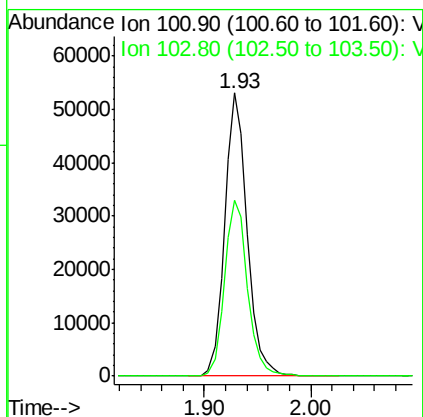
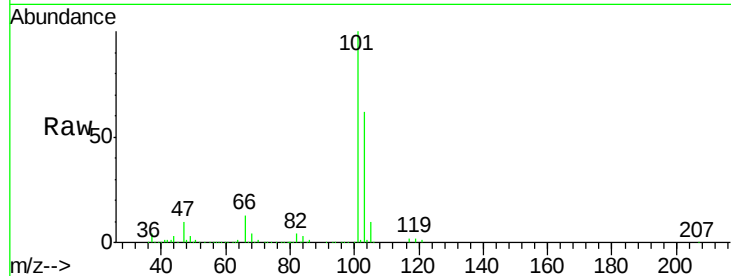
Trichlorofluoromethane
Concen: 17.162 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		78150		
103	62.2	52.3	78.5		

Manual Integrations
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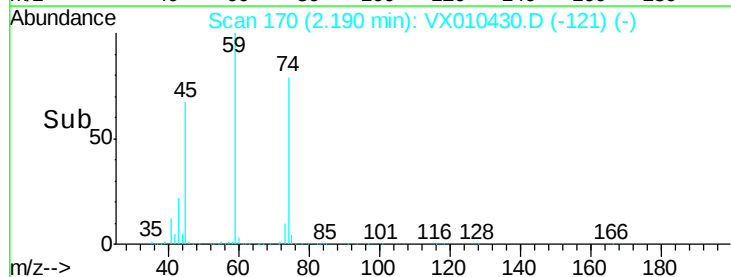
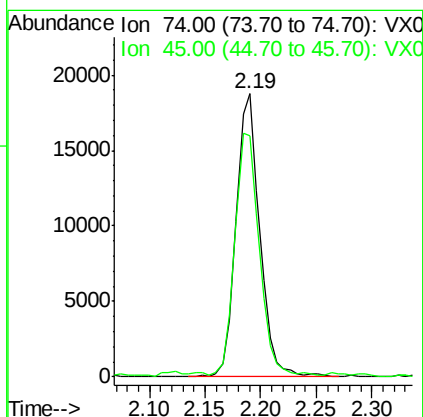
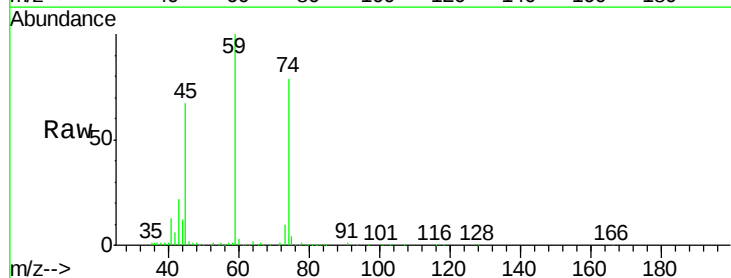
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7/1/2019 4:59:02 PM



#8

Diethyl Ether
Concen: 16.951 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		27682		
45	87.5	44.8	134.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.893 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion:101 Resp: 46618

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

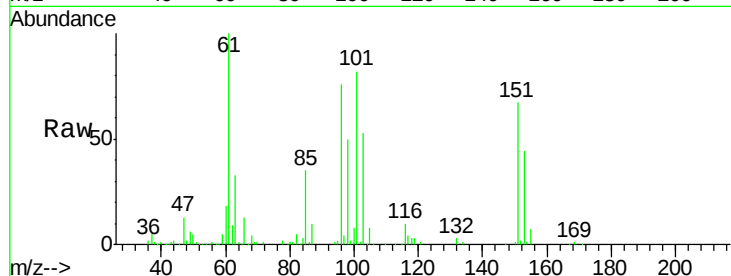
151 88.4 70.1 105.1

Manual Integrations

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MMDadoda

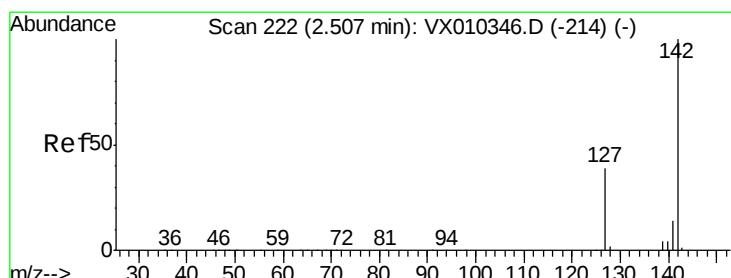
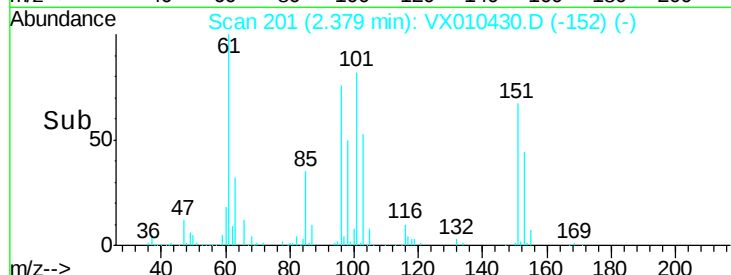
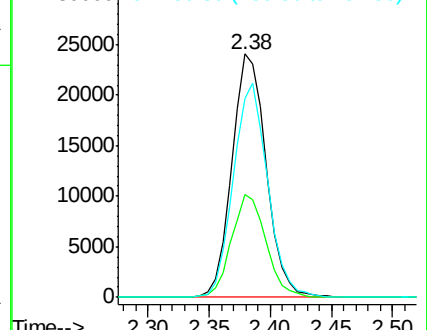
7/1/2019 4:59:02 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.857 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

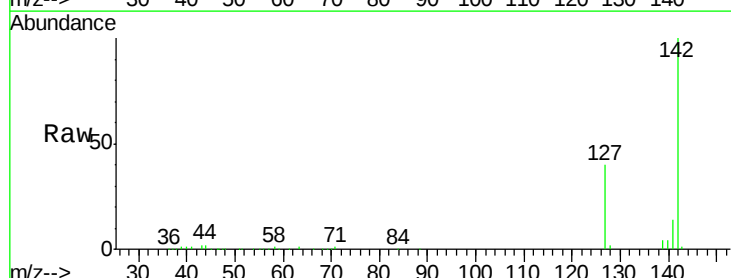
Tgt Ion:142 Resp: 54574

Ion Ratio Lower Upper

142 100

127 39.6 31.1 46.7

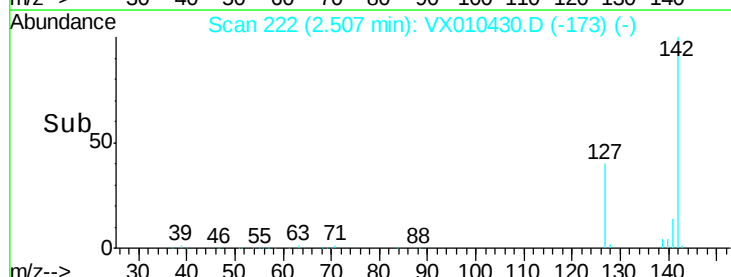
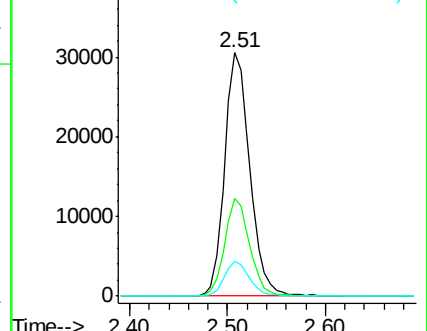
141 14.1 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

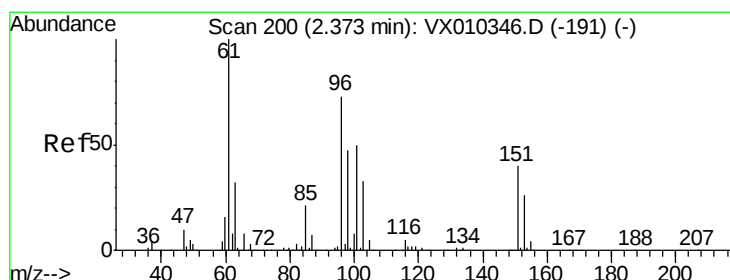
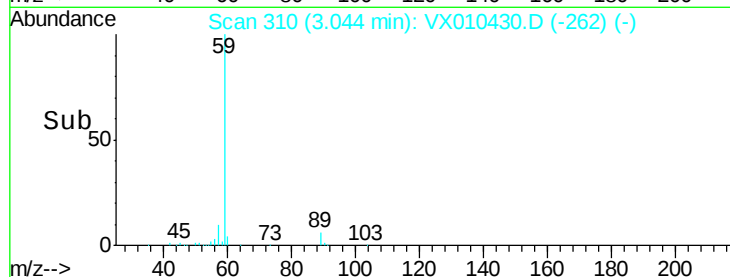
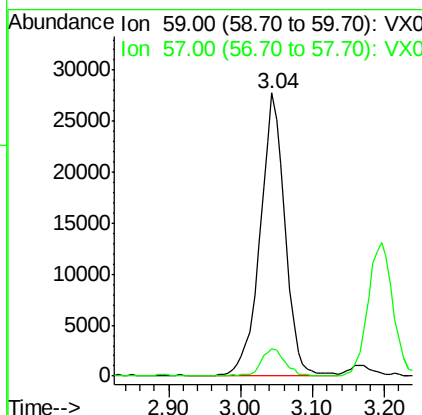
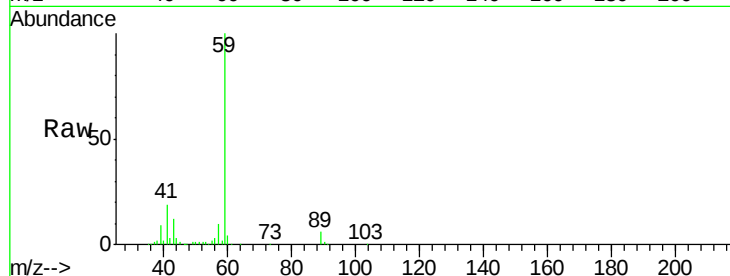
Tert butyl alcohol
Concen: 83.339 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.7	11.5

Manual Integrations
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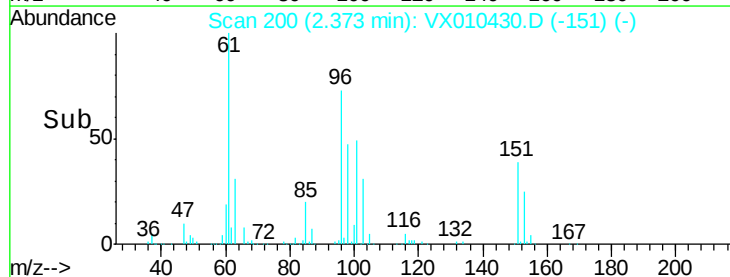
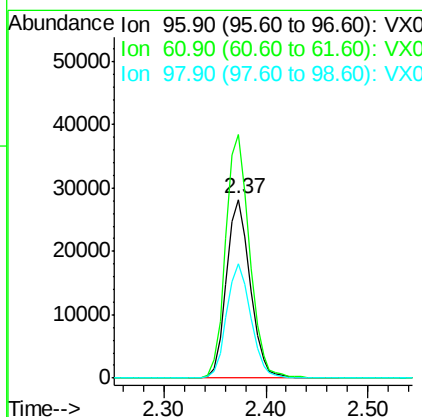
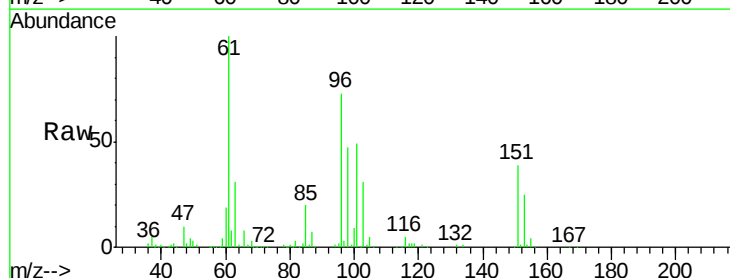
MMDadoda
7/1/2019 4:59:02 PM



#12

1,1-Dichloroethene
Concen: 16.224 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.3	109.2	163.8
98	64.3	51.1	76.7





#13

Acrolein

Concen: 66.273 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion: 56 Resp: 34943

Ion Ratio Lower Upper

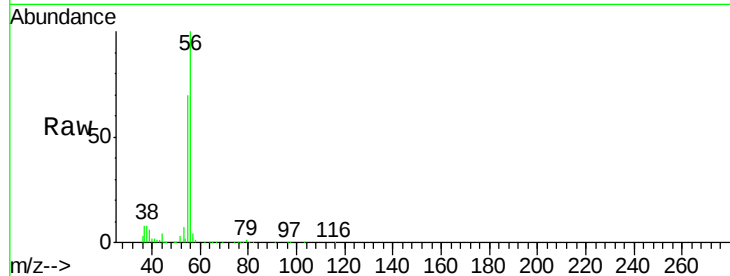
56 100

55 69.0 56.9 85.3

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

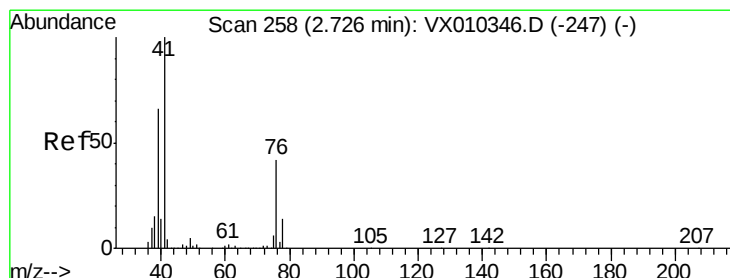
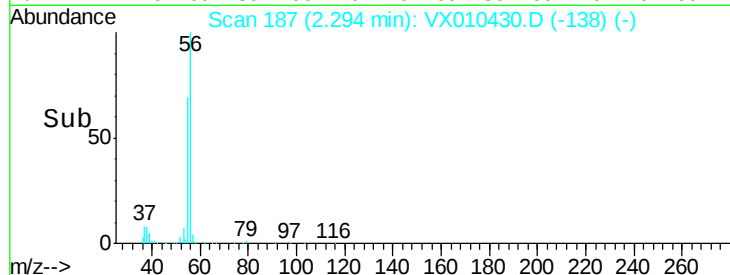
5000

0

2.29

2.20 2.25 2.30 2.35

Time-->



#14

Allyl chloride

Concen: 16.612 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

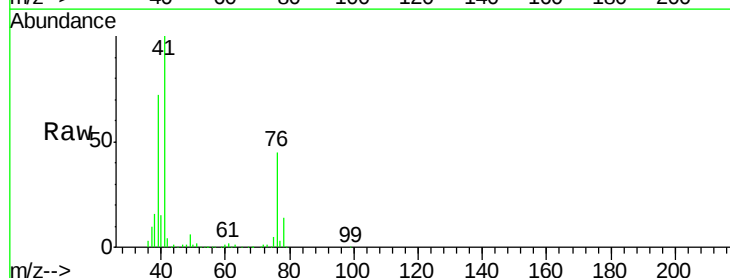
Tgt Ion: 41 Resp: 66226

Ion Ratio Lower Upper

41 100

39 63.2 50.3 75.5

76 39.4 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

40000

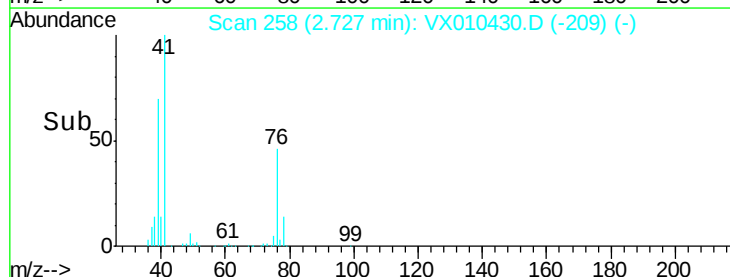
20000

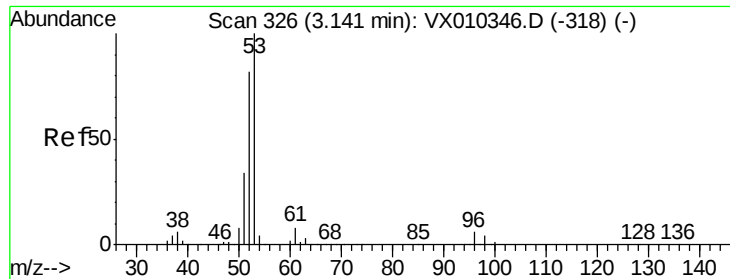
0

2.73

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 81.697 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

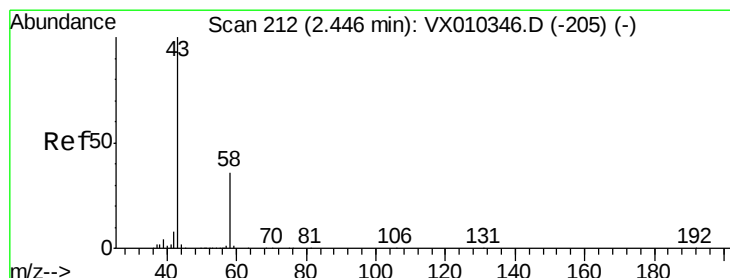
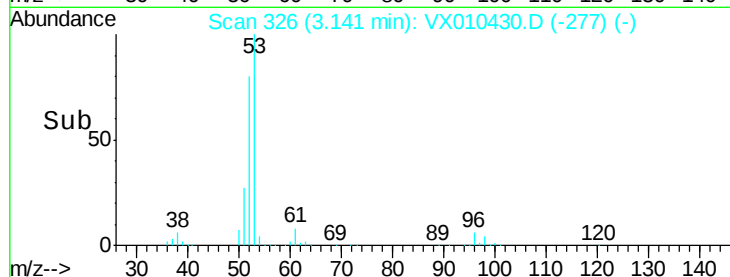
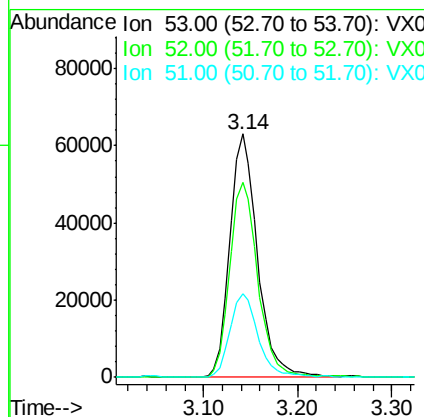
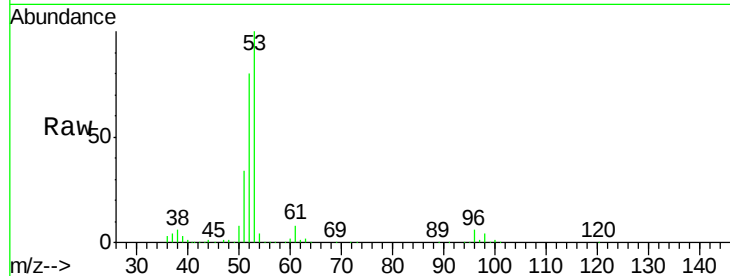
ClientSampleId :

VX0625WBSD02

Tot Ion:	53	Resp:	128562
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.5	98.3
51	35.2	28.2	42.4

Manual Integrations
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7/1/2019 4:59:02 PM



#16

Acetone

Concen: 81.871 ug/l

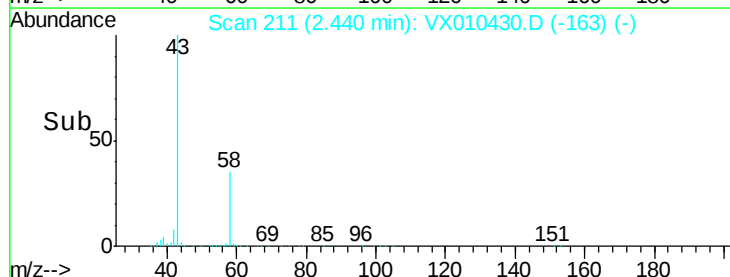
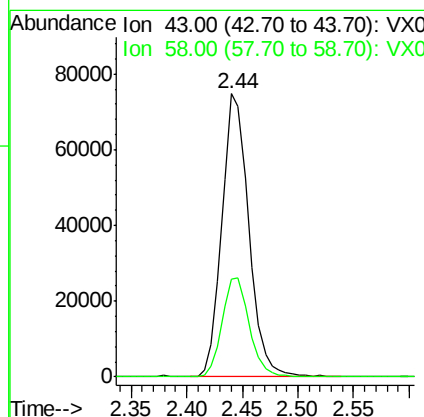
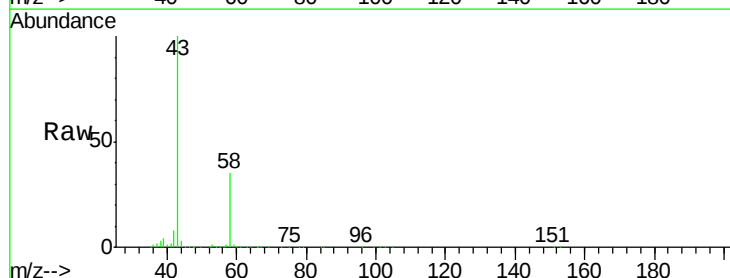
RT: 2.44 min Scan# 211

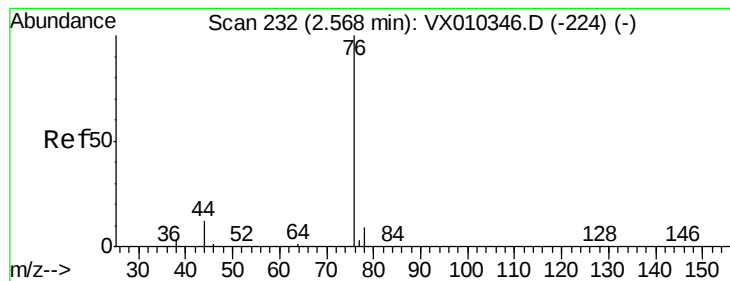
Delta R.T. -0.01 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Tgt Ion:	43	Resp:	124632
Ion Ratio	Lower	Upper	
43	100		
58	34.6	28.9	43.3





#17

Carbon Disulfide

Concen: 14.922 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion: 76 Resp: 112419

Ion Ratio Lower Upper

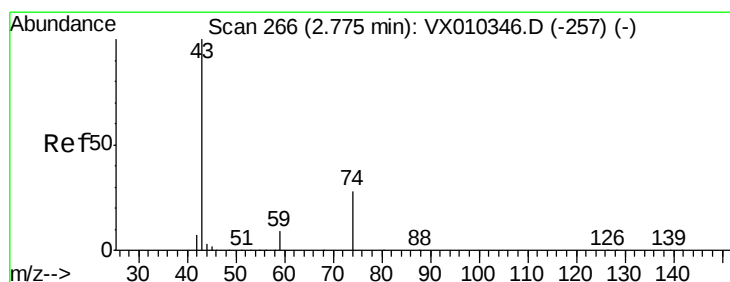
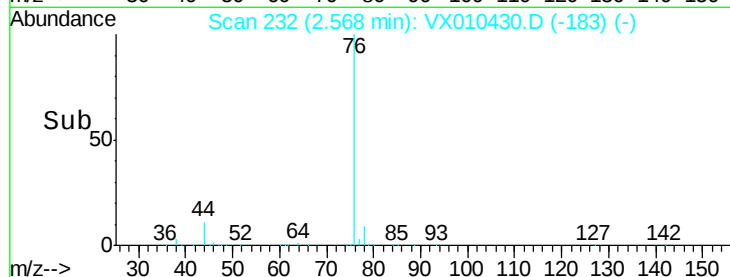
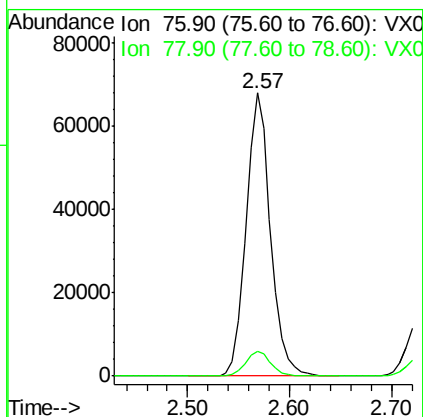
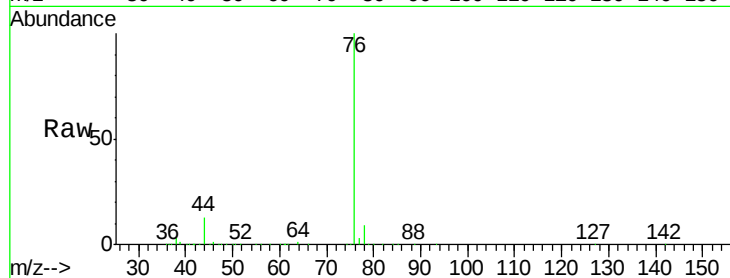
76 100

78 9.0 7.3 10.9

Manual Integrations
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#18

Methyl Acetate

Concen: 16.331 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010430.D

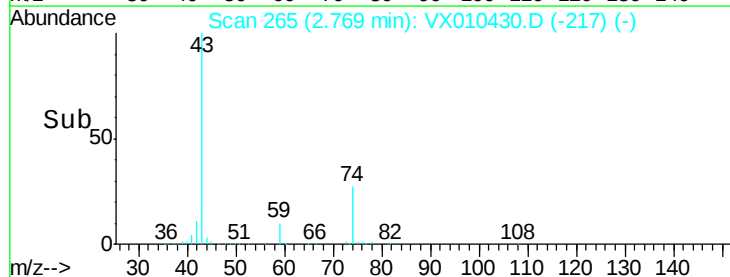
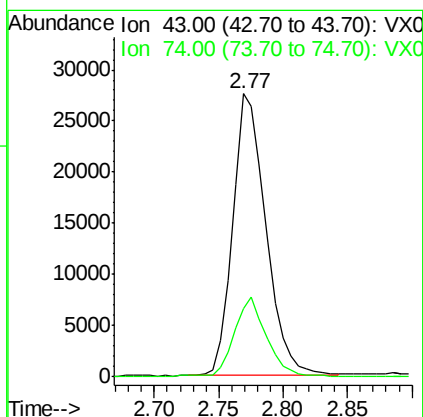
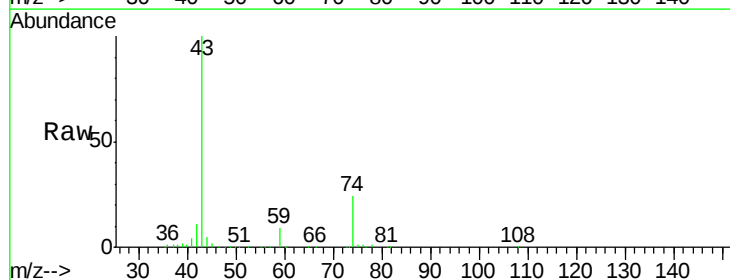
Acq: 25 Jun 2019 11:48

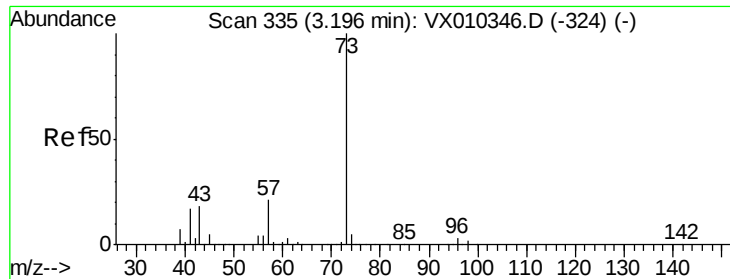
Tgt Ion: 43 Resp: 49549

Ion Ratio Lower Upper

43 100

74 27.7 21.3 31.9





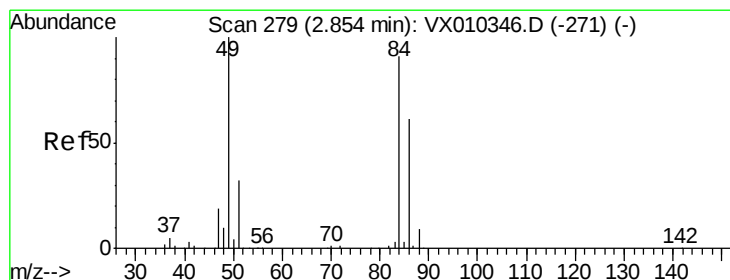
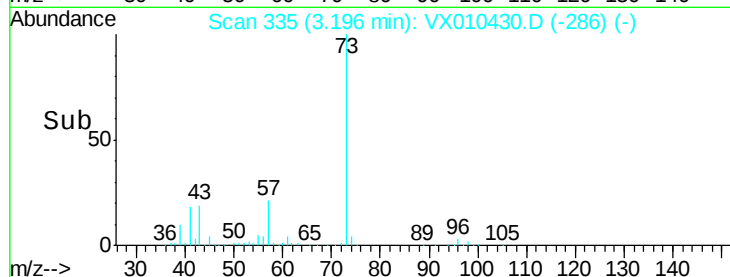
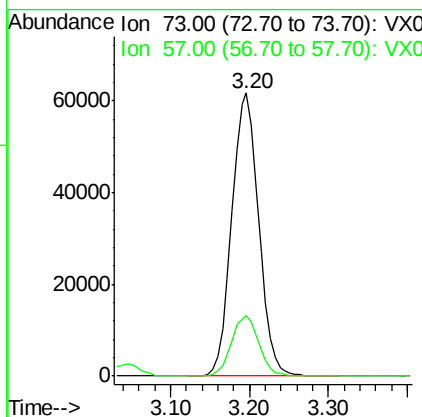
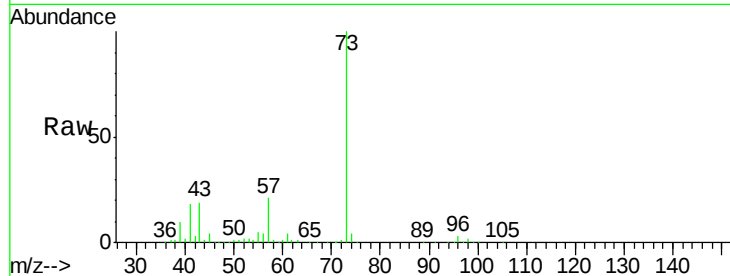
#19
Methvl tert-butvl Ether
Concen: 16.599 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion: 73 Resp: 146633
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6

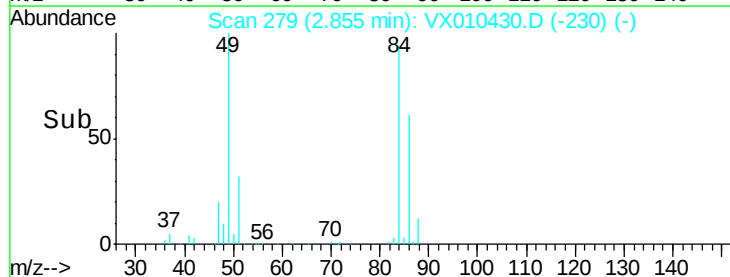
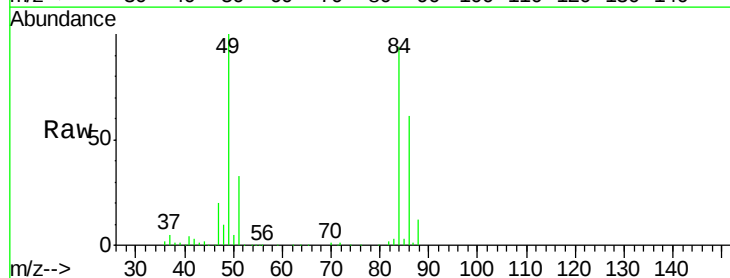
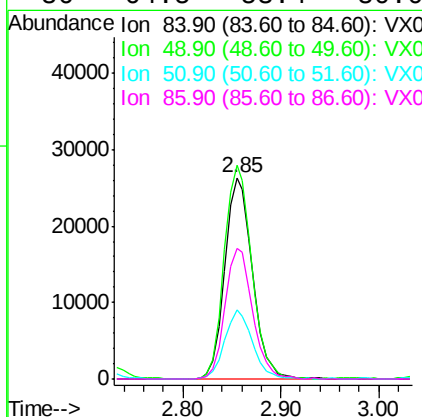
Manual Integrations
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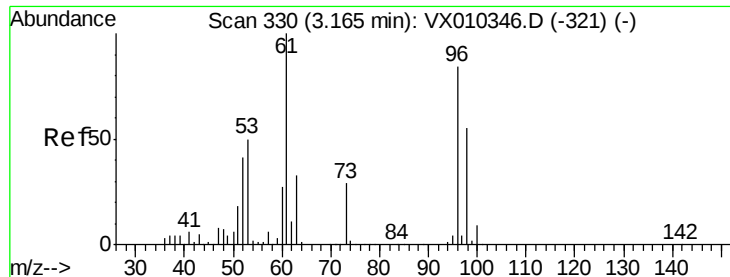
MMDadoda
7/1/2019 4:59:02 PM



#20
Methylene Chloride
Concen: 16.433 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 84 Resp: 51480
Ion Ratio Lower Upper
84 100
49 105.9 87.5 131.3
51 34.3 27.7 41.5
86 64.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 16.071 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

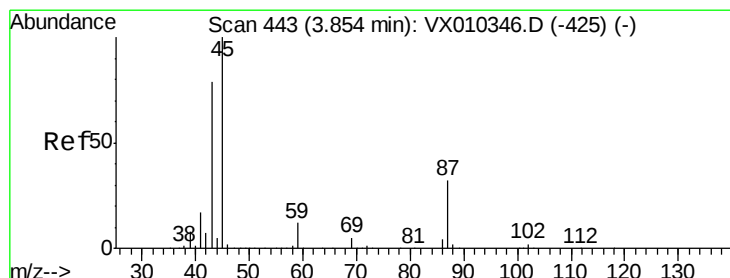
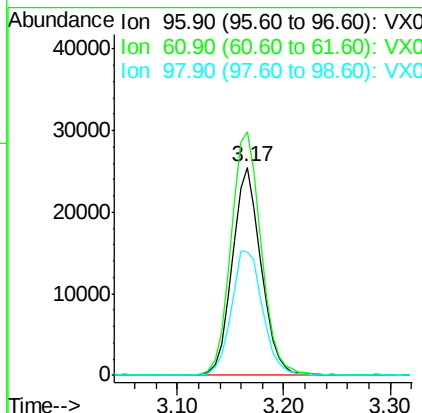
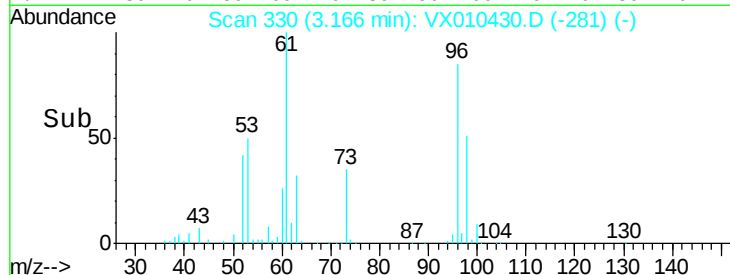
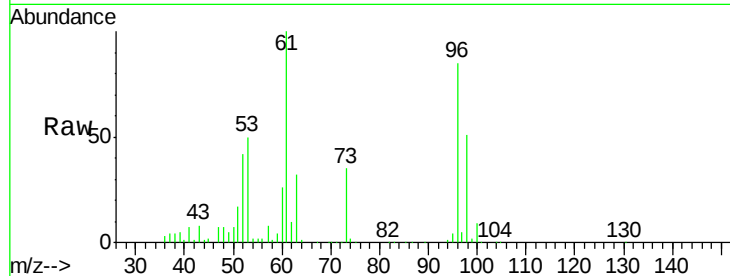
ClientSampleId :

VX0625WBSD02

Tot Ion:	96	Resp:	48536
Ion	Ratio	Lower	Upper
96	100		
61	117.1	95.6	143.4
98	59.3	52.5	78.7

Manual Integrations
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7/1/2019 4:59:02 PM



#22

Diisopropyl ether

Concen: 16.799 ug/l

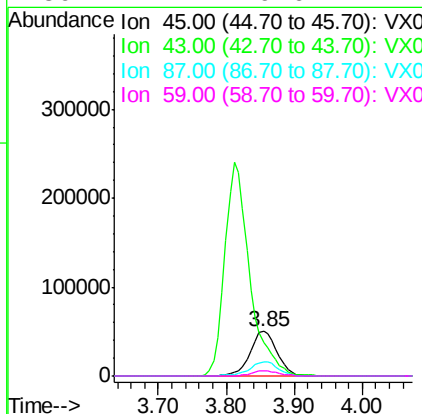
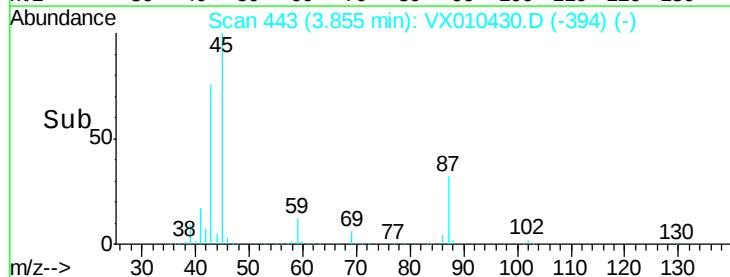
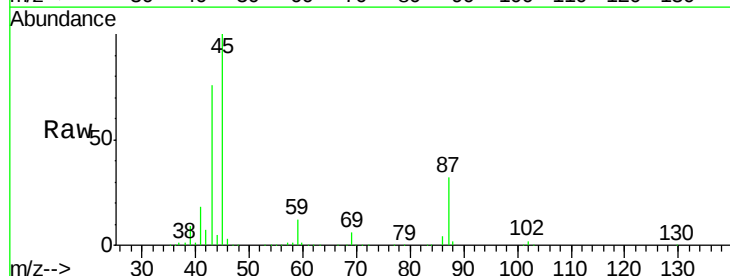
RT: 3.85 min Scan# 443

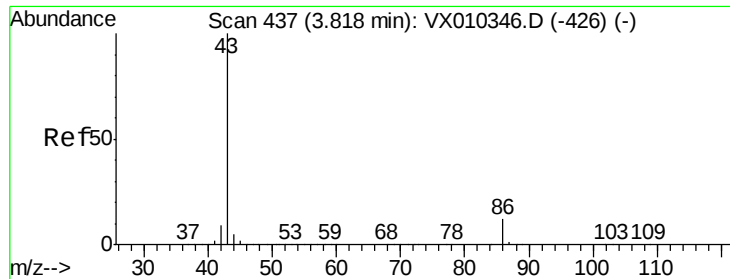
Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Tgt Ion:	45	Resp:	140019
Ion	Ratio	Lower	Upper
45	100		
43	75.6	63.3	94.9
87	31.7	25.8	38.8
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 85.415 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleID :

VX0625WBSD02

Tot Ion: 43 Resp: 615041

Ion Ratio Lower Upper

43 100

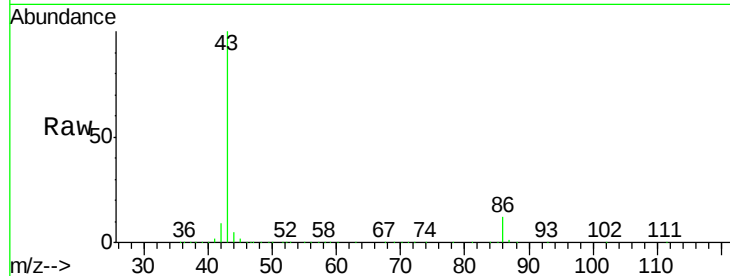
86 12.0 9.9 14.9

Manual Integrations

APPROVED

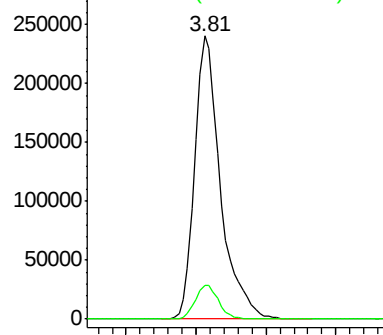
MMDadoda

7/1/2019 4:59:02 PM

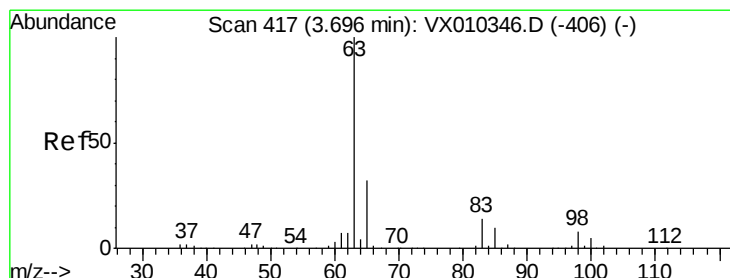
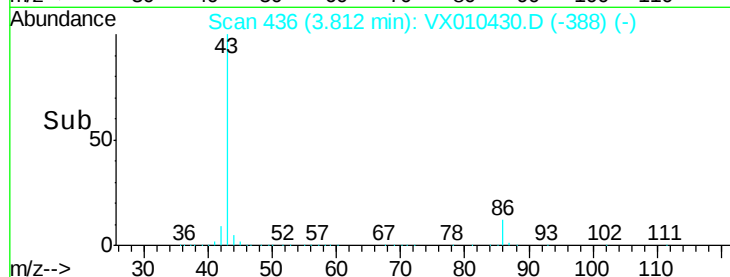


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 16.476 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

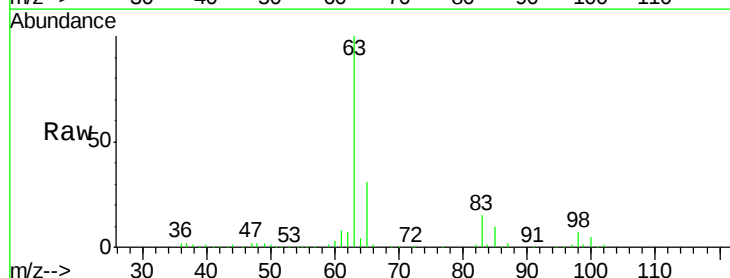
Tgt Ion: 63 Resp: 79379

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

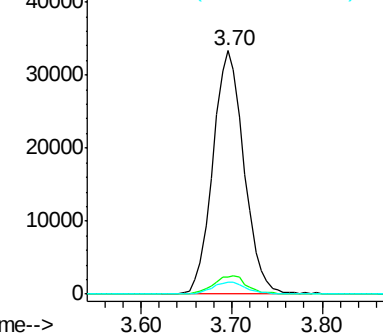
100 4.9 2.4 7.1



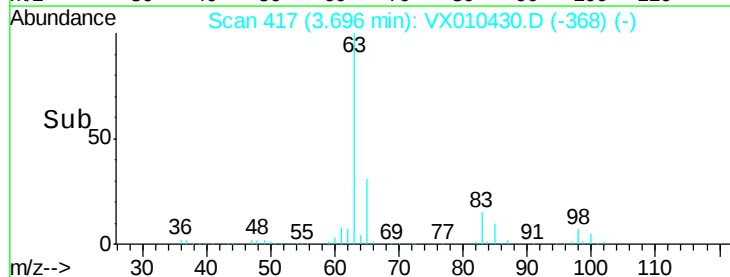
Abundance Ion 62.90 (62.60 to 63.60): VX0

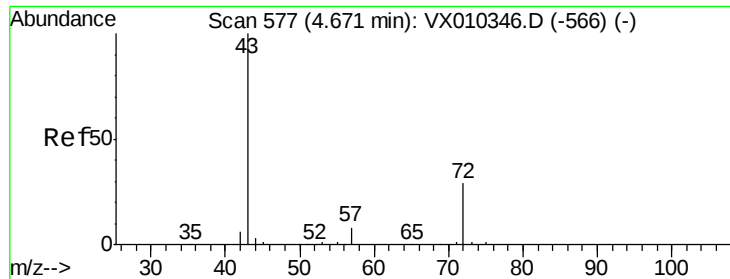
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 82.512 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion: 43 Resp: 184251

Ion Ratio Lower Upper

43 100

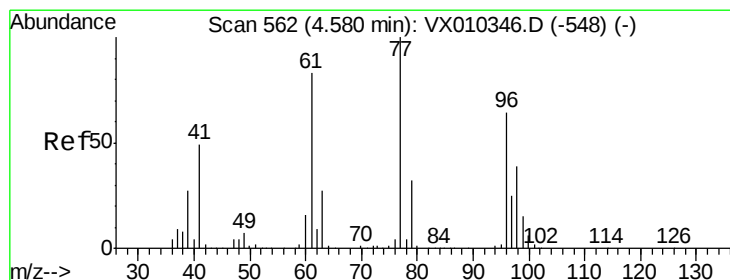
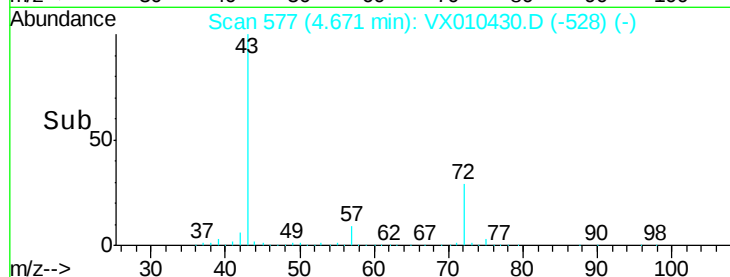
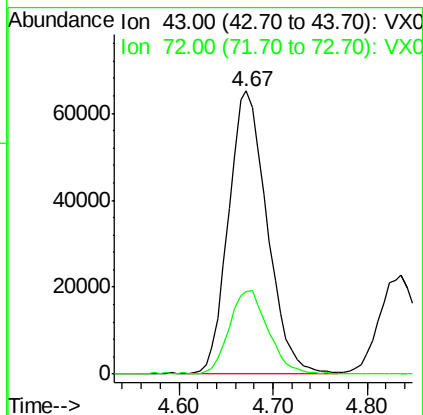
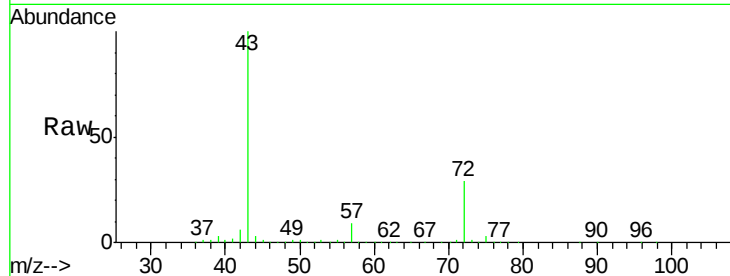
72 29.1 23.3 34.9

Manual Integrations

APPROVED

MMDadoda

7/1/2019 4:59:02 PM



#26

2,2-Dichloropropane

Concen: 16.895 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010430.D

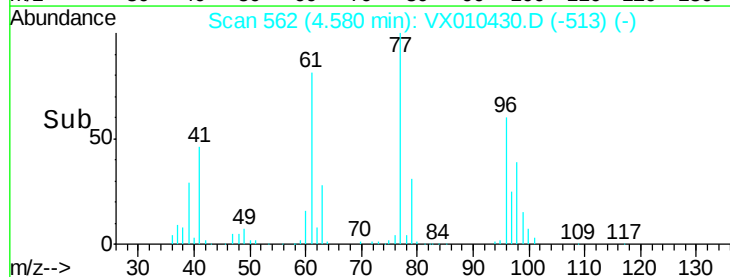
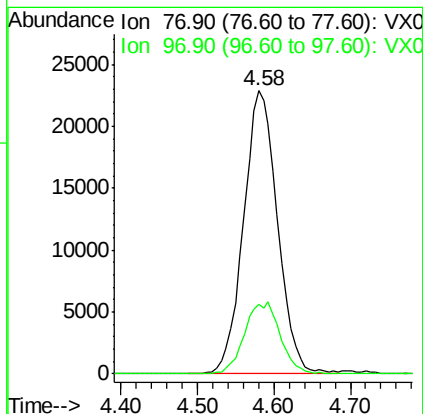
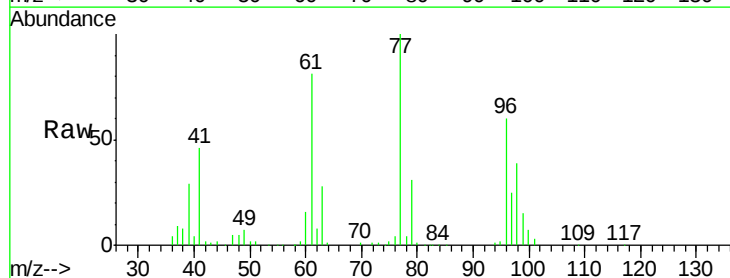
Acq: 25 Jun 2019 11:48

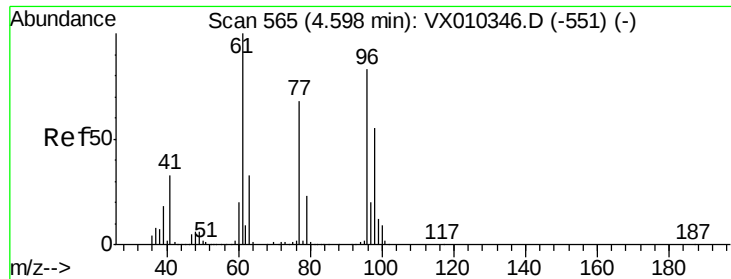
Tgt Ion: 77 Resp: 70713

Ion Ratio Lower Upper

77 100

97 26.4 13.1 39.3





#27

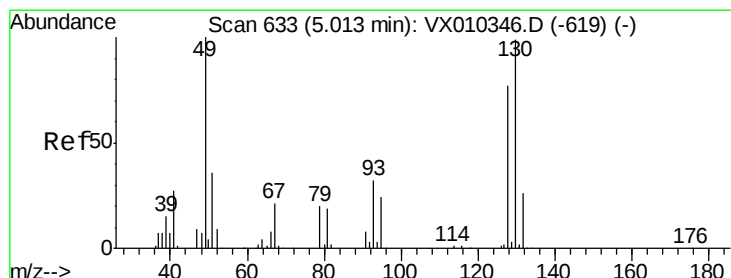
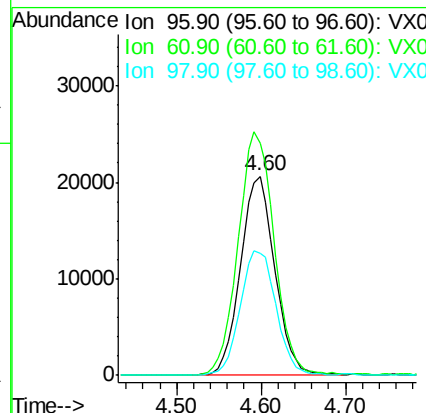
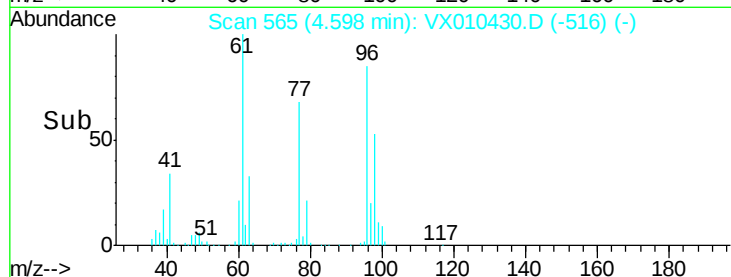
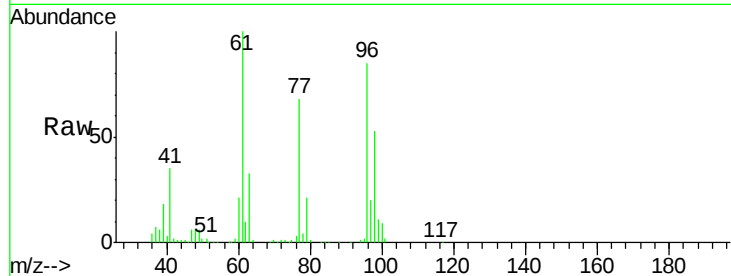
cis-1,2-Dichloroethene
 Concen: 16.306 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	251.8
98	65.2	0.0	129.4

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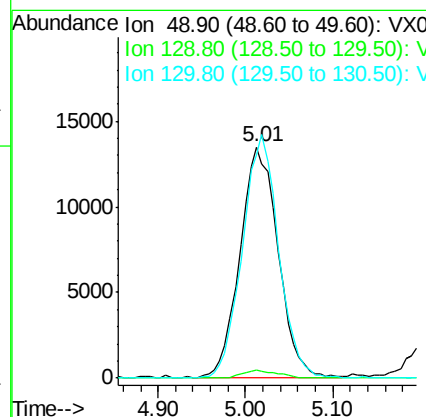
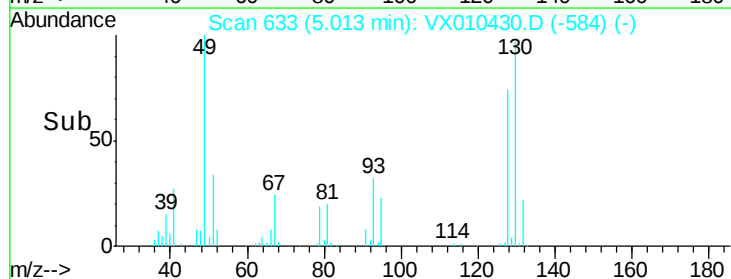
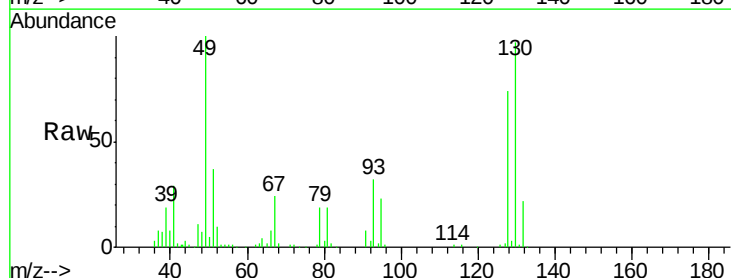
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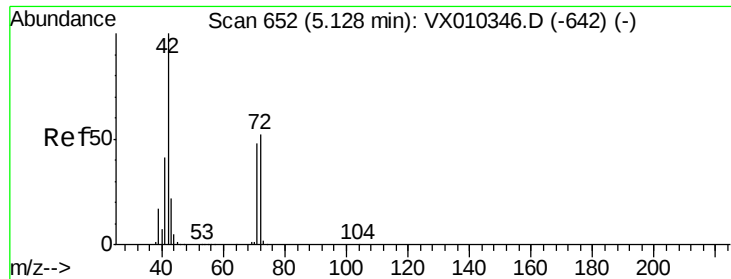


#28

Bromochloromethane
 Concen: 17.861 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.3	0.0	5.6
130	99.3	81.4	122.0





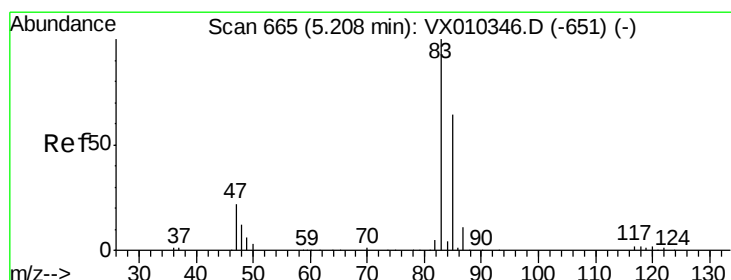
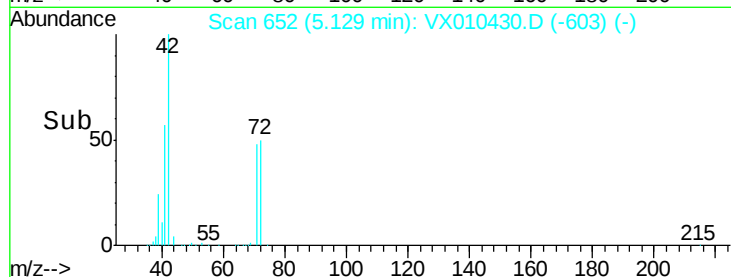
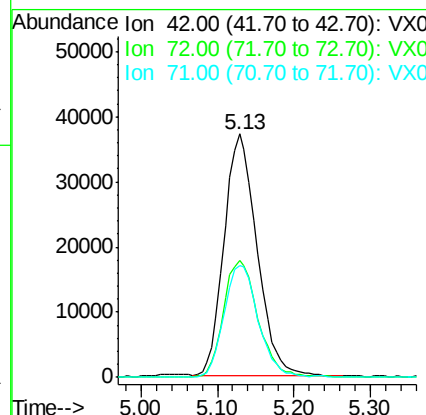
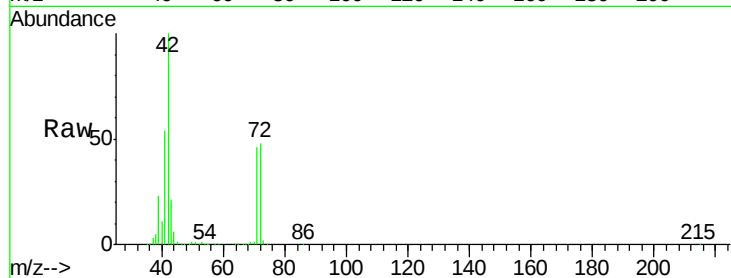
#29
Tetrahydrofuran
Concen: 80.267 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	40.6	60.8
71	48.0	37.8	56.8

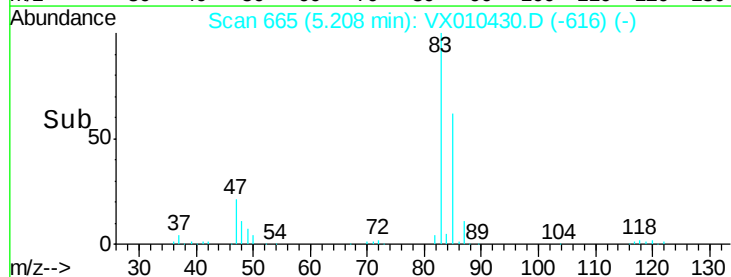
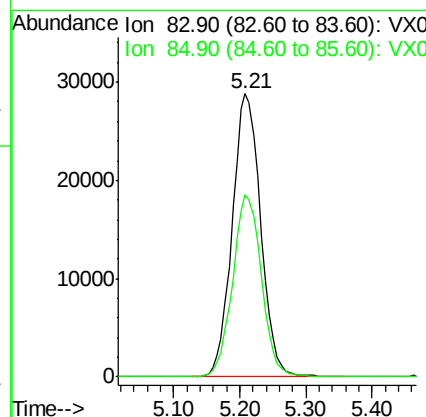
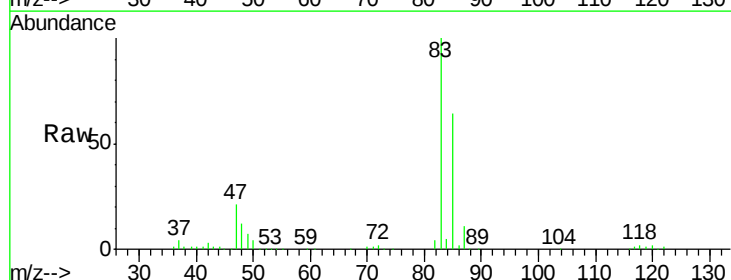
Manual Integrations
APPROVED

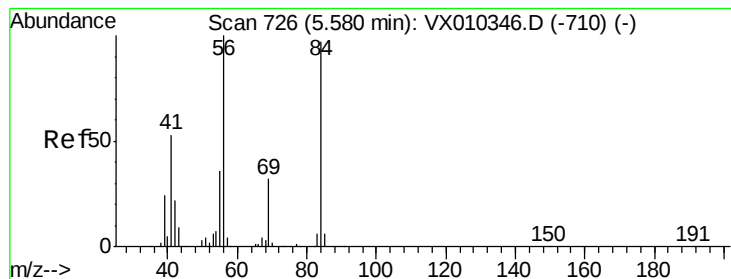
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#30
Chloroform
Concen: 16.549 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.9	76.3





#31

Cyclohexane

Concen: 16.671 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

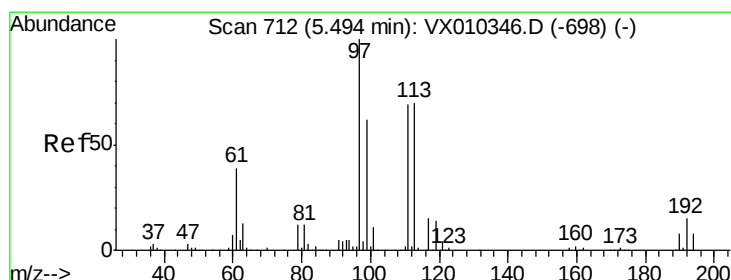
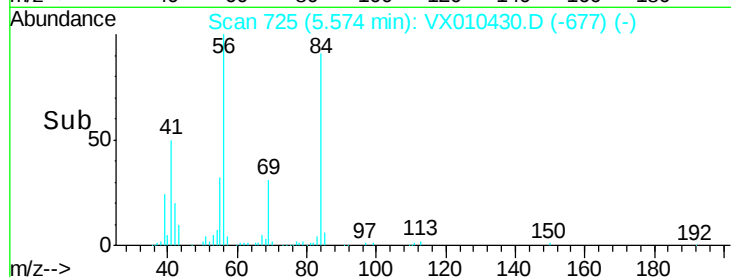
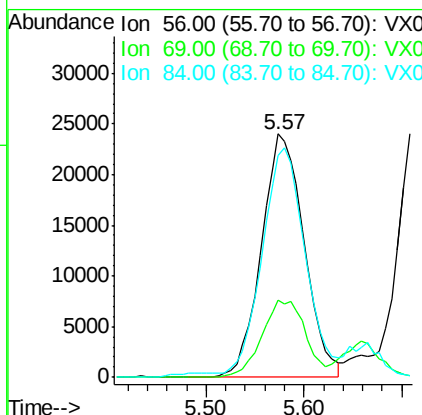
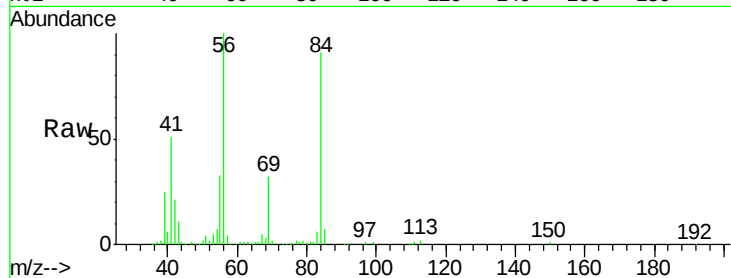
ClientSampleId :

VX0625WBSD02

Tot Ion:	56	Resp:	73144
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.9	38.9
84	89.5	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 16.325 ug/l

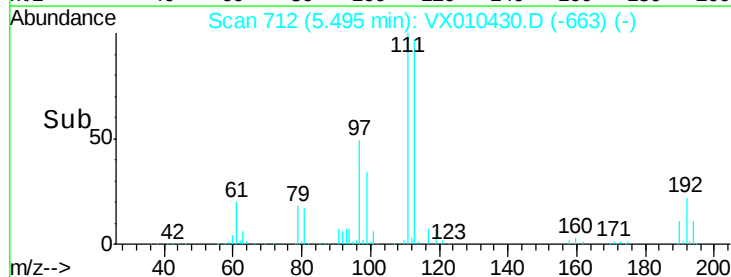
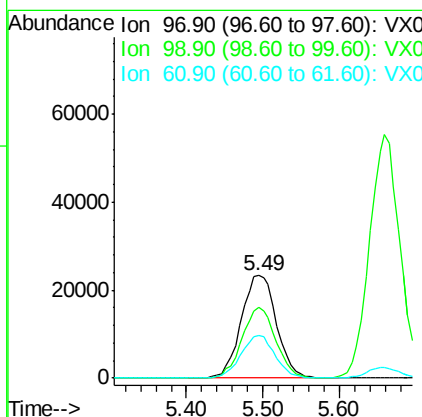
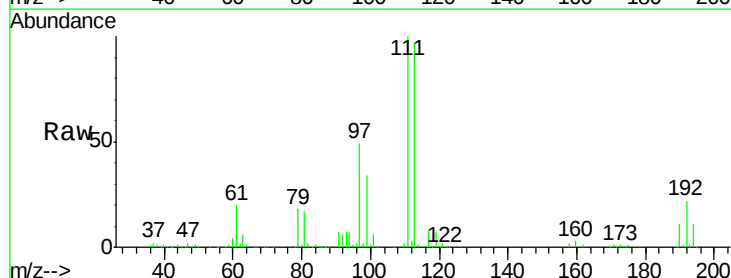
RT: 5.49 min Scan# 712

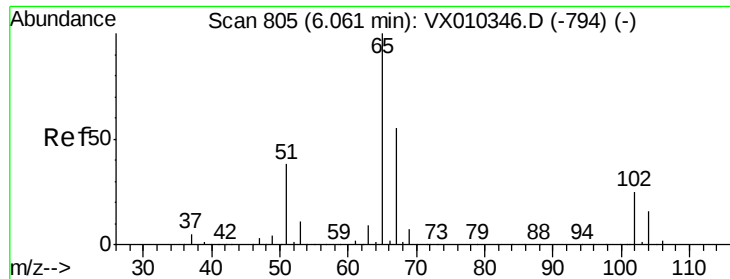
Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Tgt Ion:	97	Resp:	74724
Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.8	77.8
61	40.4	32.1	48.1





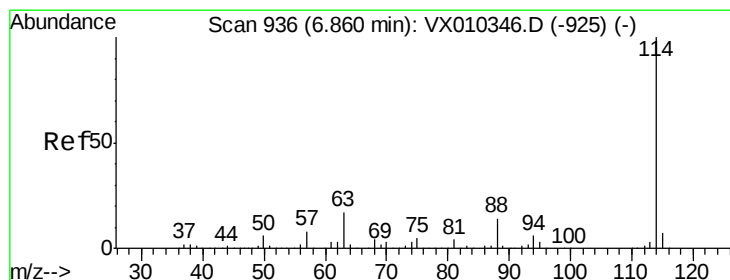
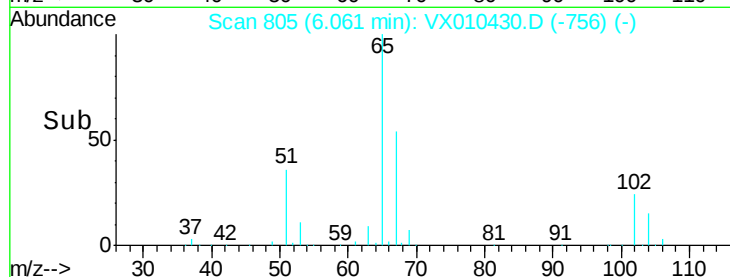
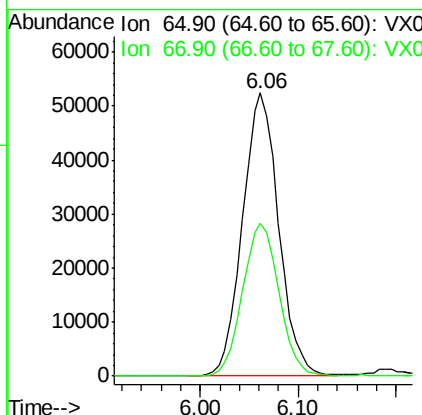
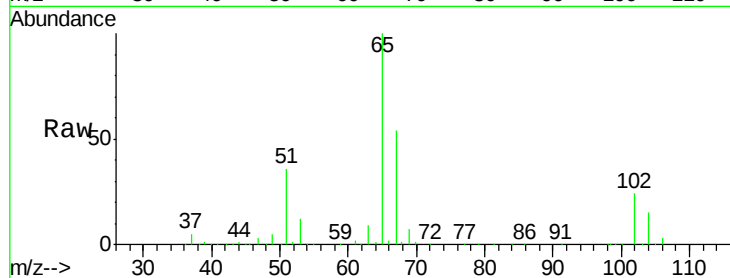
#33
 1,2-Dichloroethane-d4
 Concen: 44.389 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	110.2

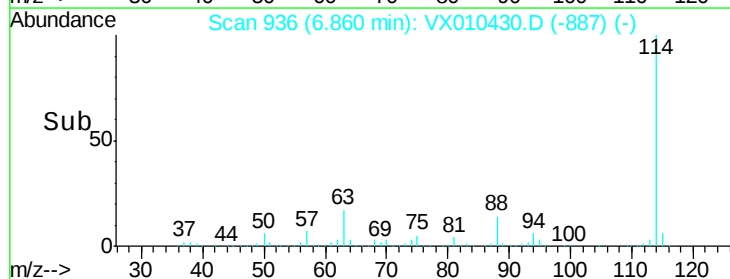
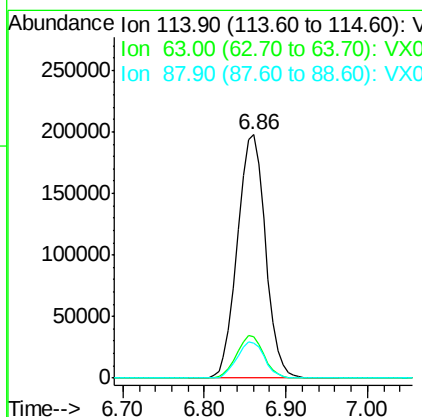
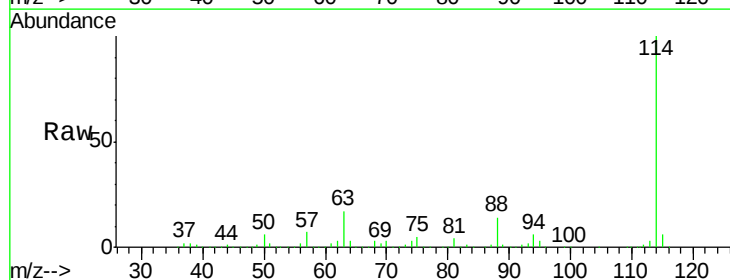
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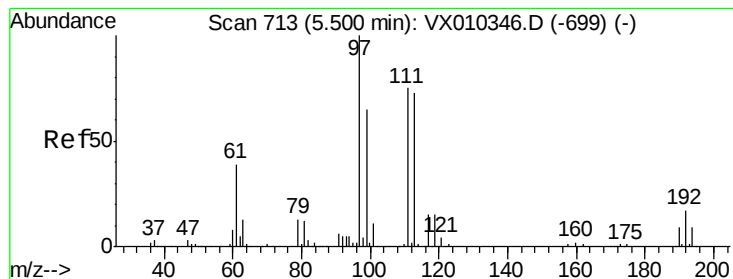
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	33.8
88	14.4	0.0	27.6





#35

Dibromofluoromethane

Concen: 45.330 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion:113 Resp: 130766

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

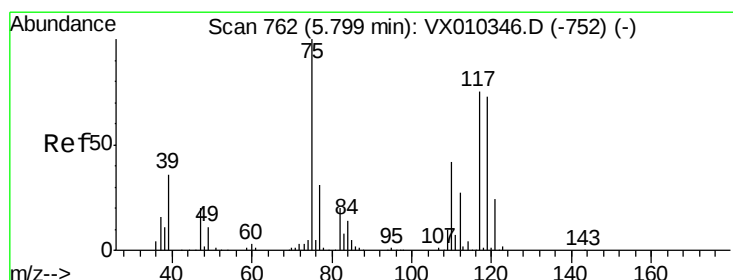
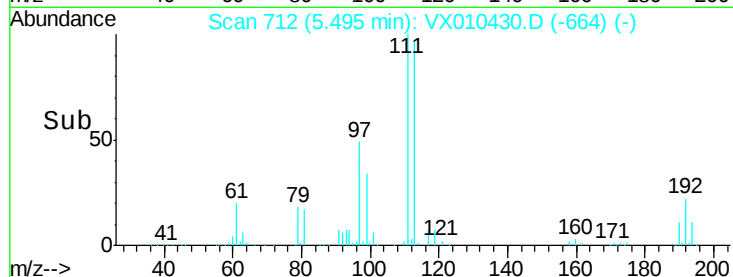
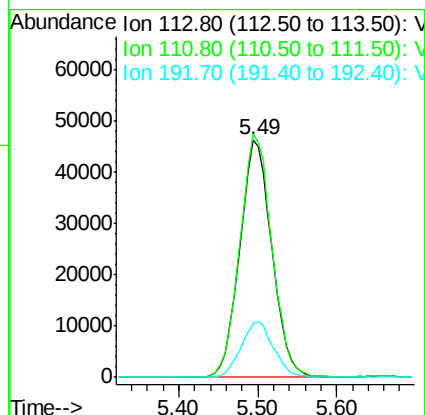
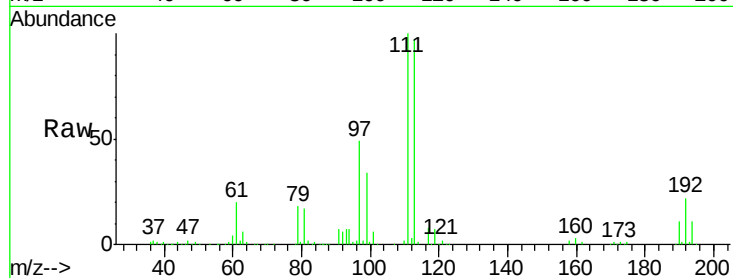
192 23.7 18.6 27.8

Manual Integrations

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#36

1,1-Dichloropropene

Concen: 16.515 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

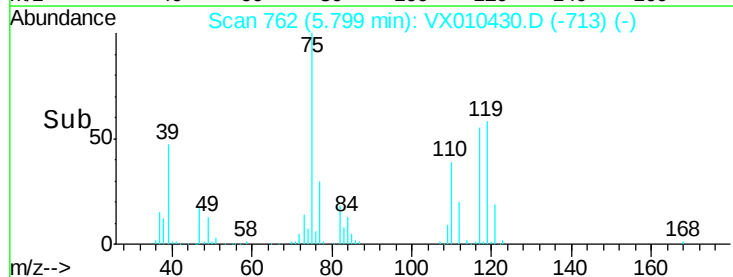
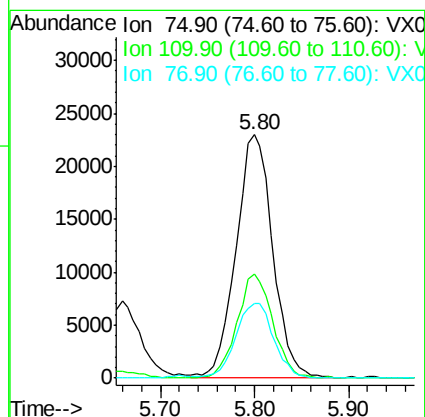
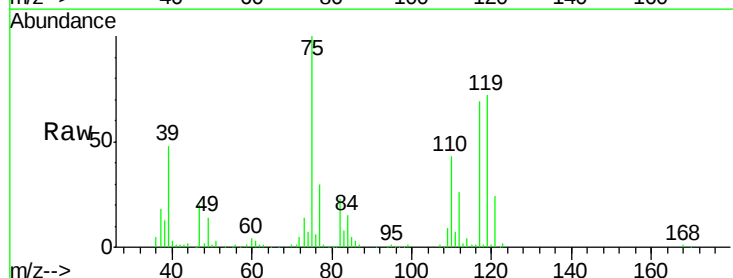
Tgt Ion: 75 Resp: 61876

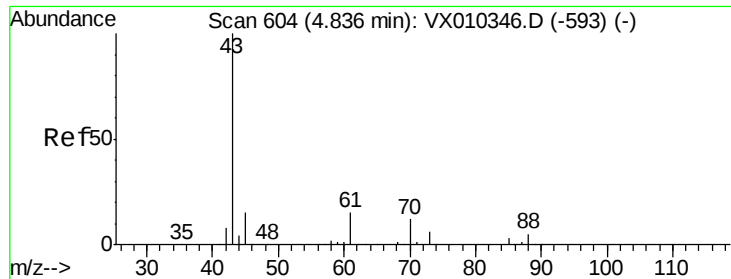
Ion Ratio Lower Upper

75 100

110 42.2 20.8 62.2

77 32.1 25.4 38.0





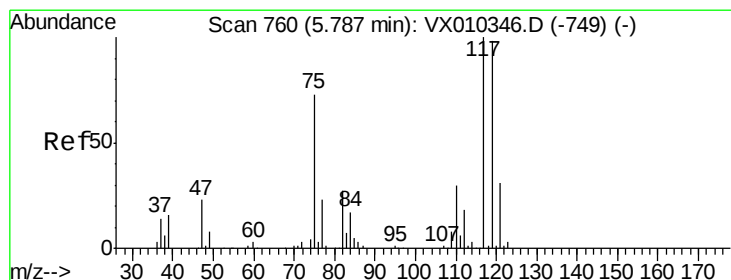
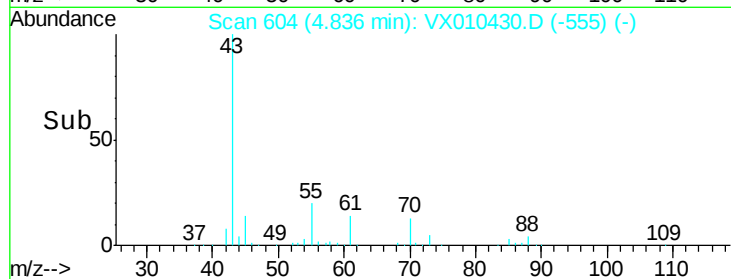
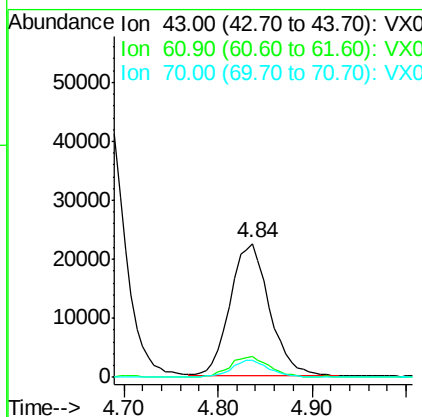
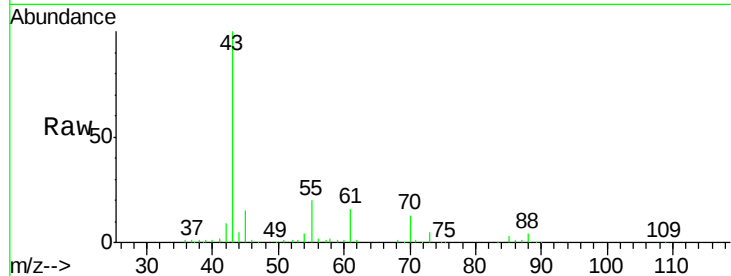
#37
Ethyl Acetate
Concen: 17.117 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.4	18.6
70	12.4	9.8	14.8

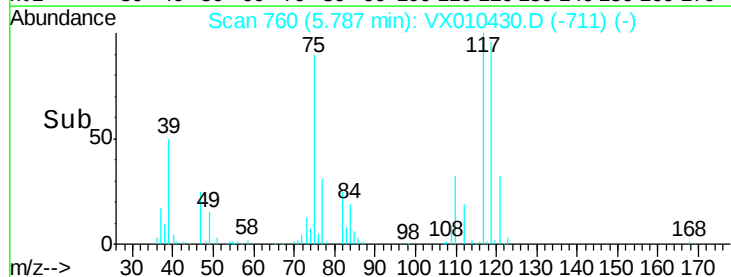
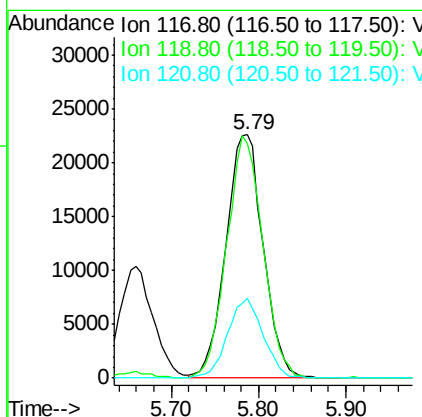
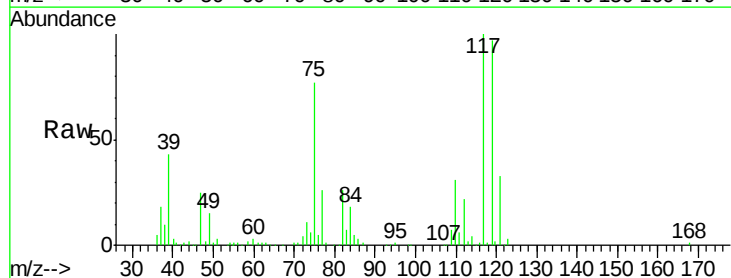
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#38
Carbon Tetrachloride
Concen: 16.528 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.2	117.4
121	32.8	24.7	37.1





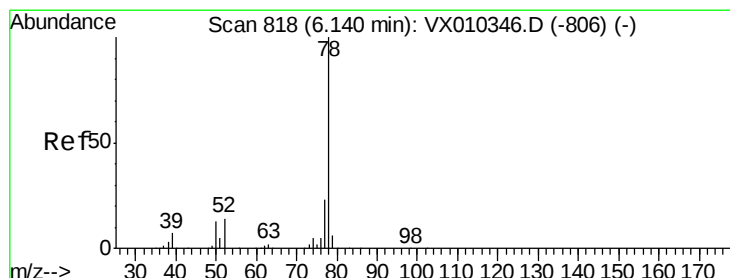
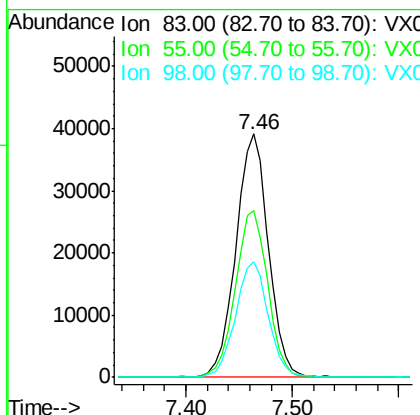
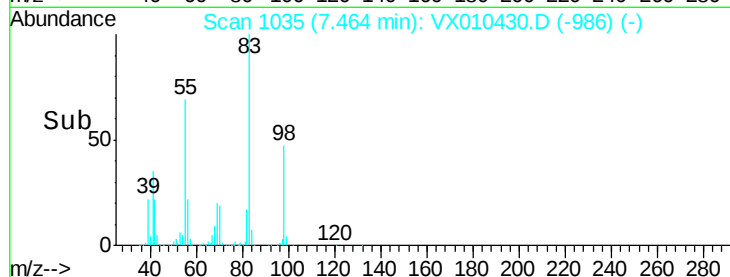
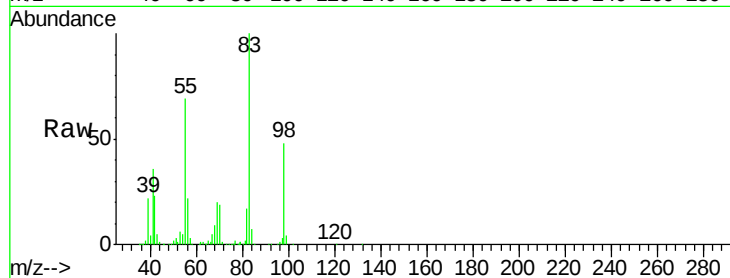
#39
Methvlcvclohexane
Concen: 17.039 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.5	53.0	79.6
98	47.5	37.8	56.8

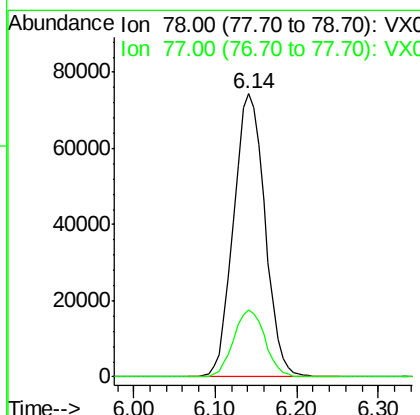
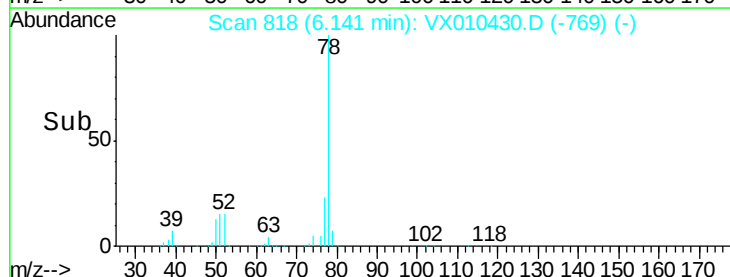
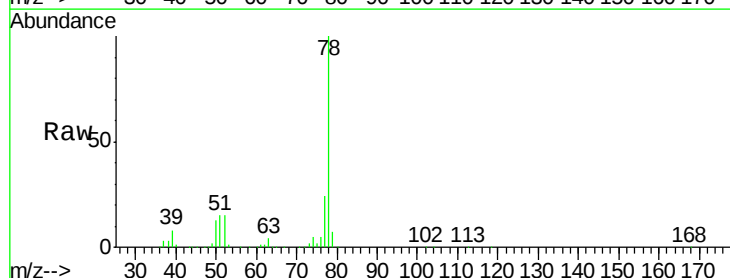
Manual Integrations
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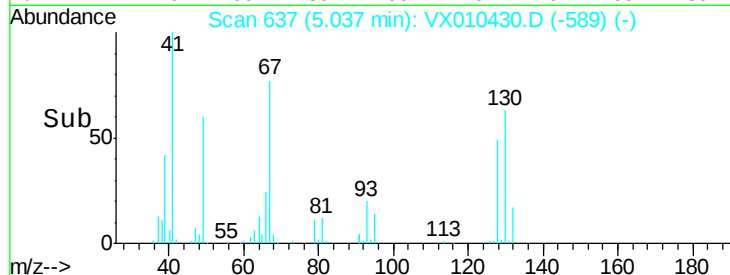
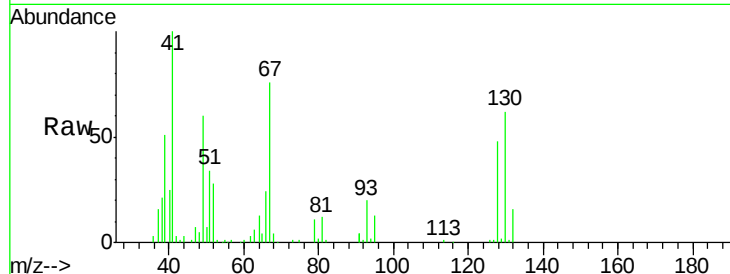
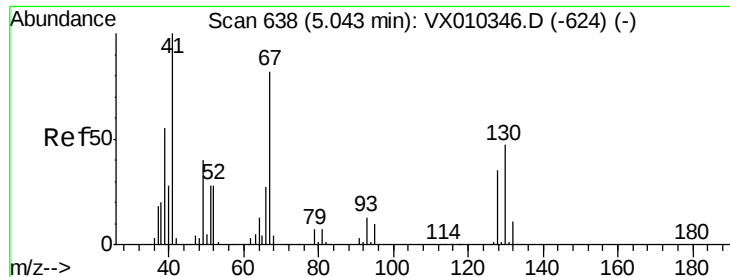
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#40
Benzene
Concen: 16.933 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0





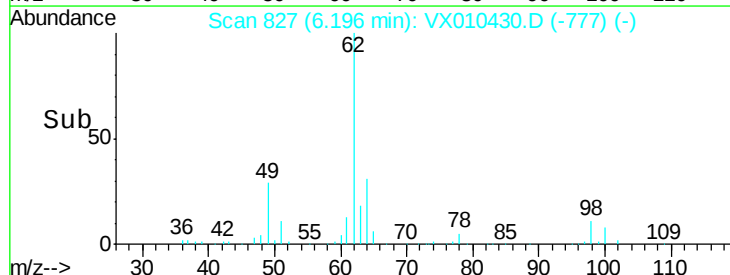
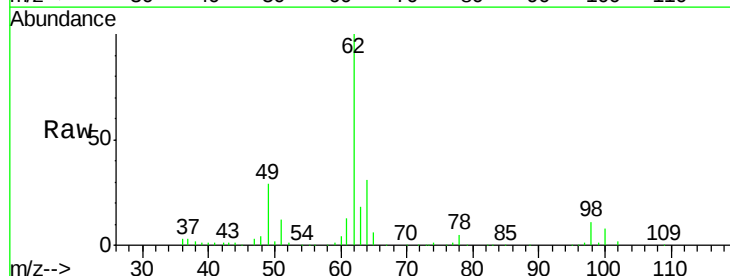
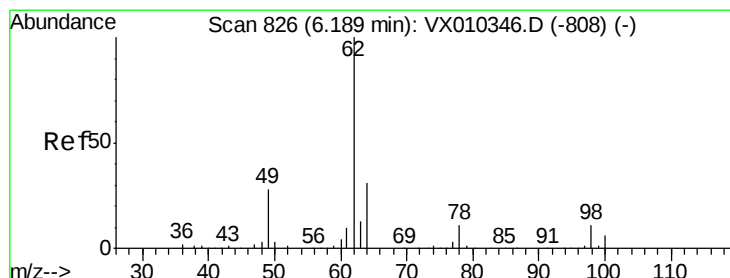
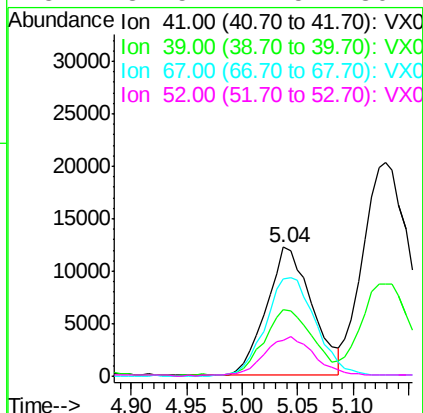
#41
Methacrylonitrile
Concen: 16.536 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		34972		
39	54.5	43.8	65.8		
67	84.6	66.6	100.0		
52	32.5	24.5	36.7		

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

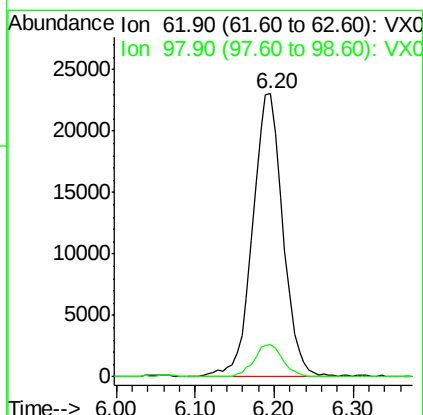
Manual Integrations
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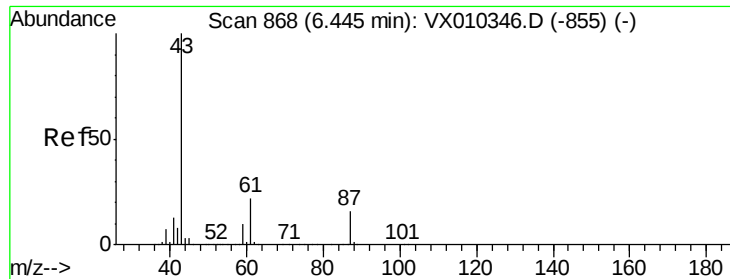
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#42
1,2-Dichloroethane
Concen: 17.357 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		61673		
98	10.9	0.0	22.2		





#43

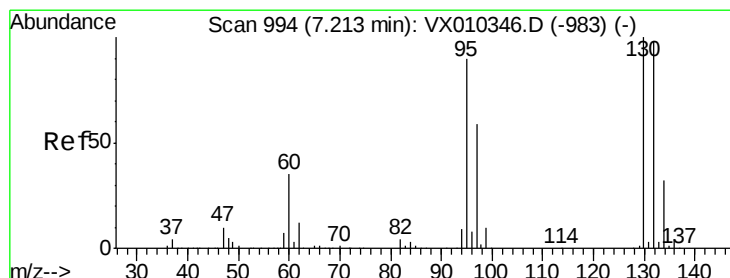
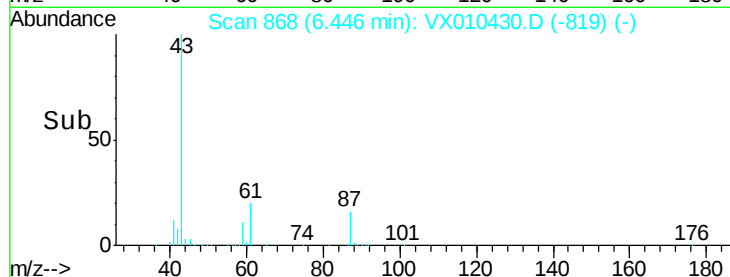
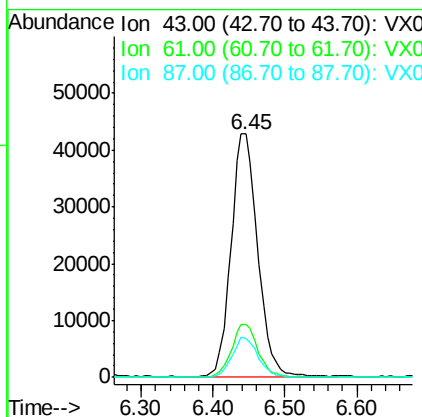
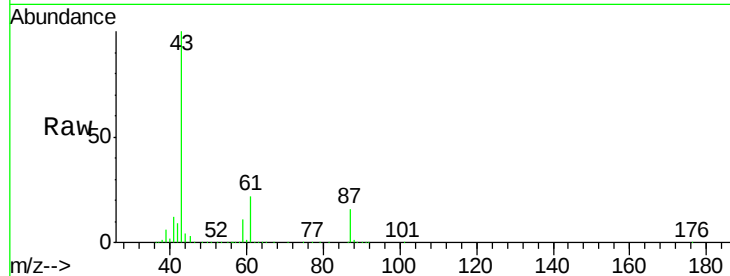
Isopropyl Acetate
 Concen: 17.204 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Tot Ion	43	Resp	109713
Ion Ratio	100	Lower	Upper
43	100		
61	21.6	17.8	26.6
87	16.1	13.0	19.4

Manual Integrations
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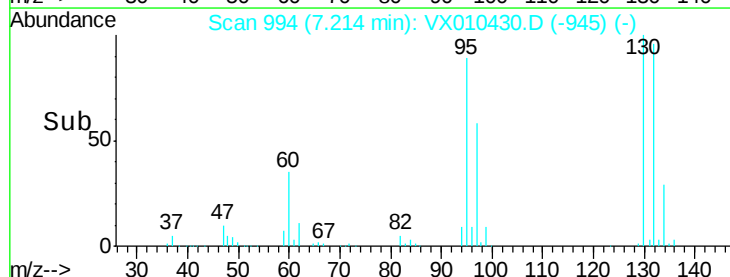
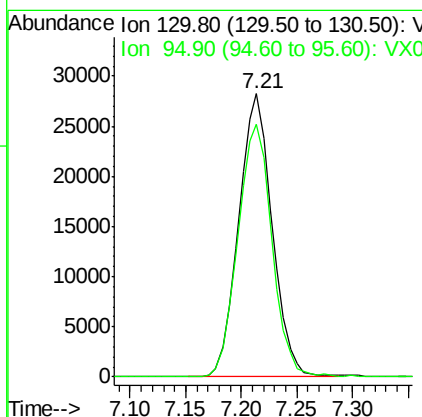
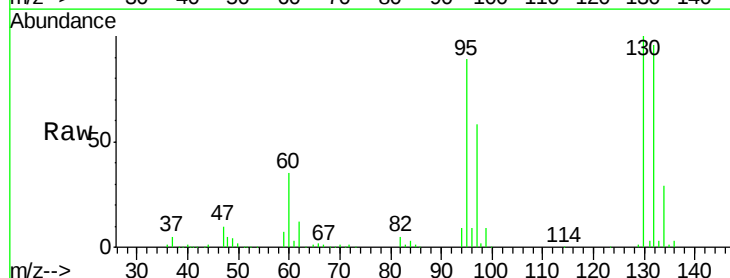
MMDadoda
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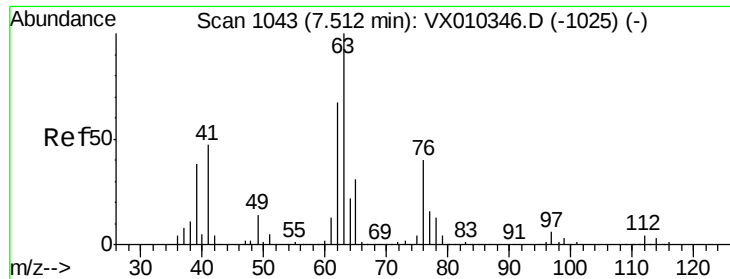


#44

Trichloroethene
 Concen: 16.877 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion	130	Resp	58949
Ion Ratio	100	Lower	Upper
130	100		
95	89.3	0.0	180.8





#45

1,2-Dichloropropane

Concen: 17.052 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion: 63 Resp: 50265

Ion Ratio Lower Upper

63 100

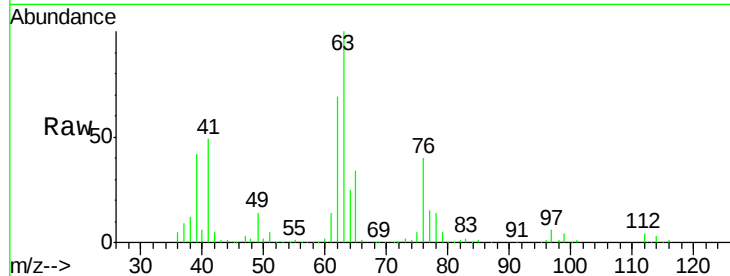
65 33.9 24.8 37.2

Manual Integrations

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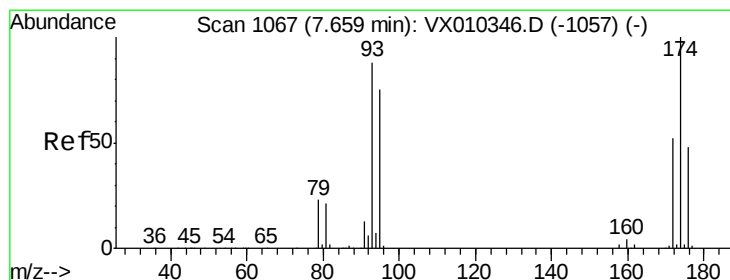
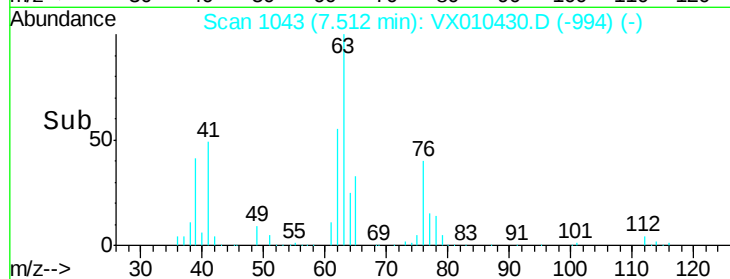
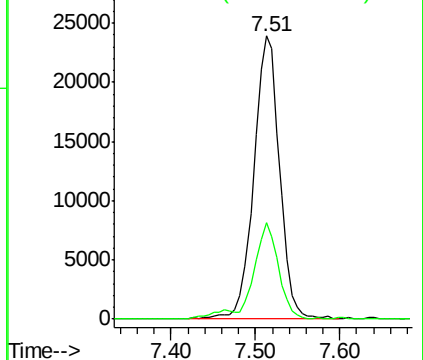
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 16.762 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

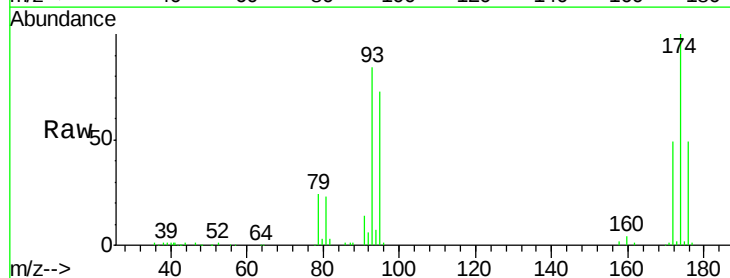
Tgt Ion: 93 Resp: 35450

Ion Ratio Lower Upper

93 100

95 84.0 67.5 101.3

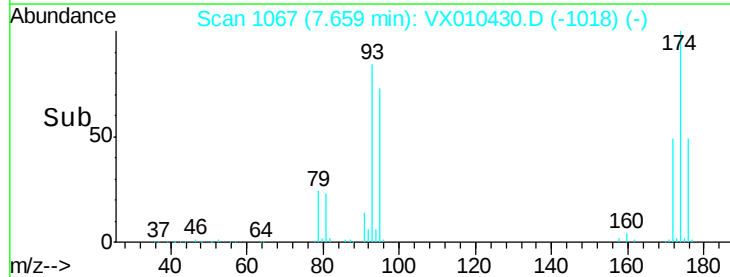
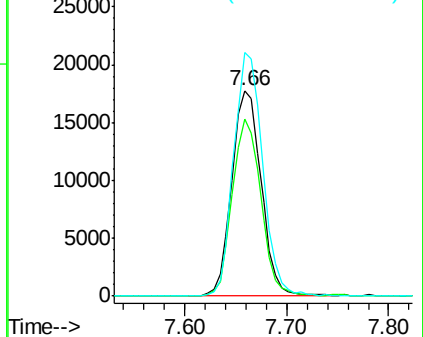
174 116.2 95.8 143.6

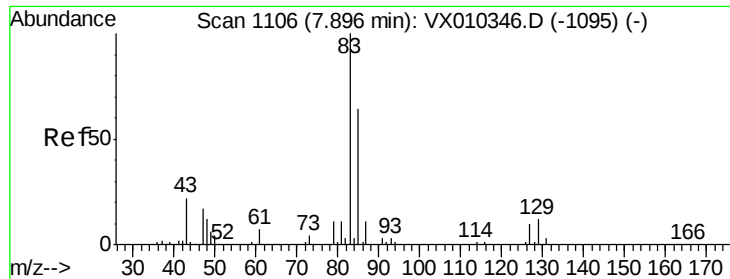


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





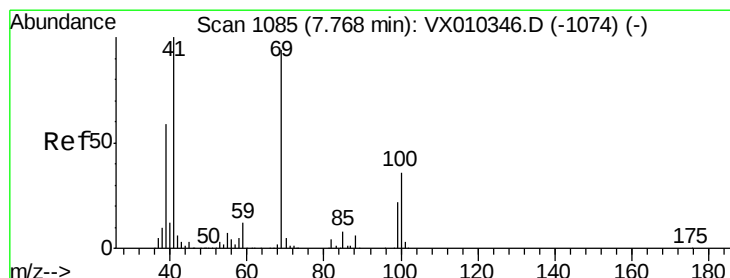
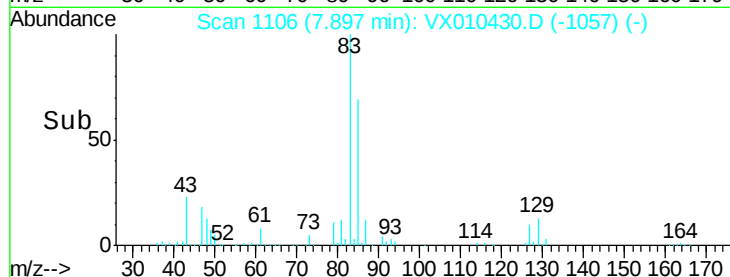
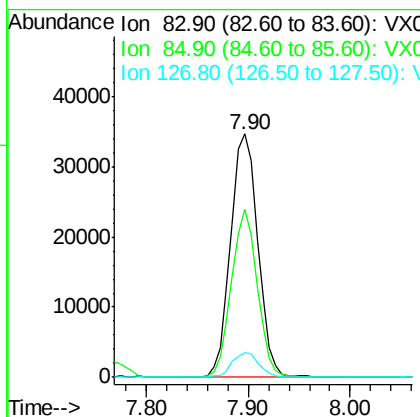
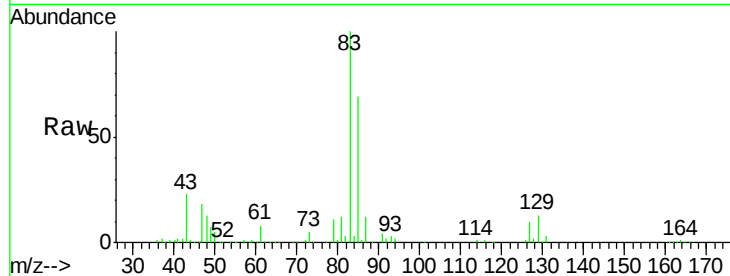
#47
Bromodichloromethane
Concen: 16.523 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion	83	Resp	64040
Ion Ratio	100	Lower	Upper
83	100		
85	68.8	51.5	77.3
127	10.2	7.8	11.8

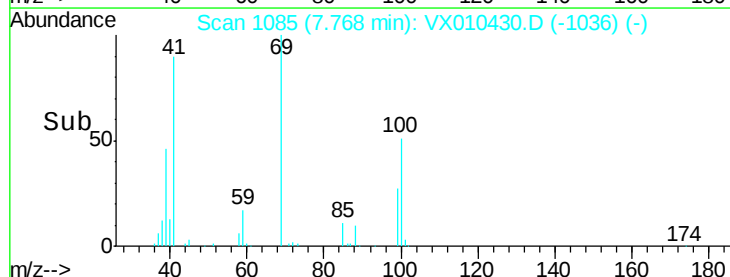
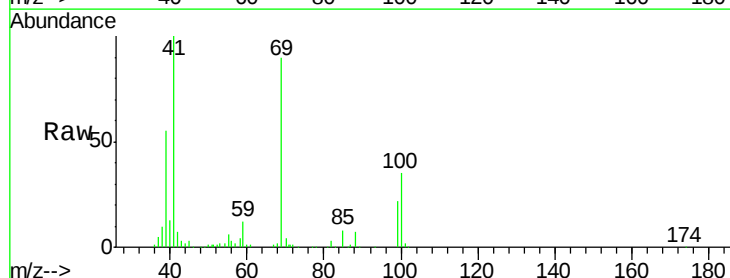
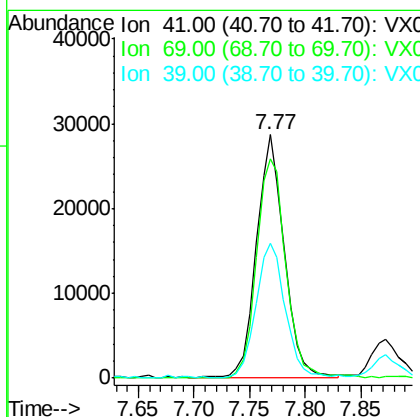
Manual Integrations
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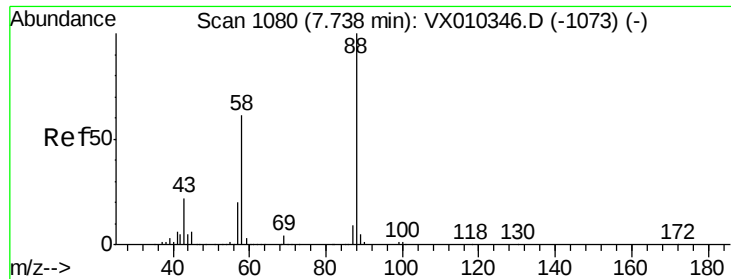
MMDadoda
7/1/2019 4:59:02 PM



#48
Methyl methacrylate
Concen: 16.651 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion	41	Resp	49356
Ion Ratio	100	Lower	Upper
41	100		
69	96.9	76.1	114.1
39	58.3	47.6	71.4





#49

1,4-Dioxane

Concen: 350.001 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

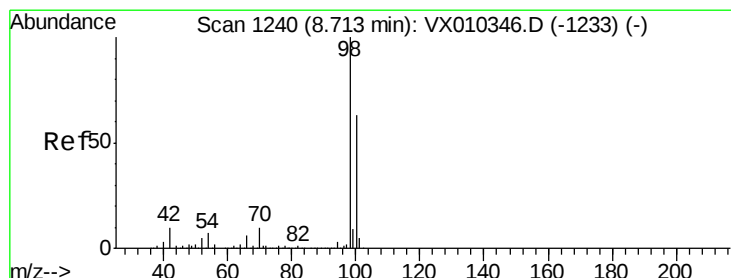
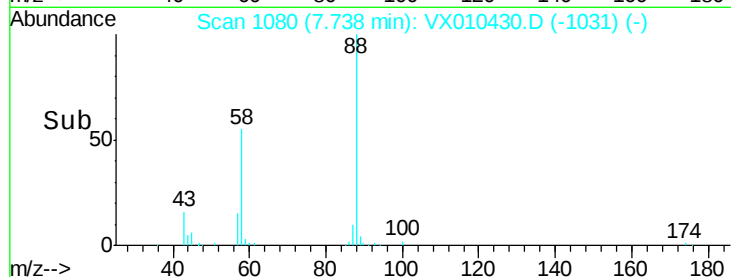
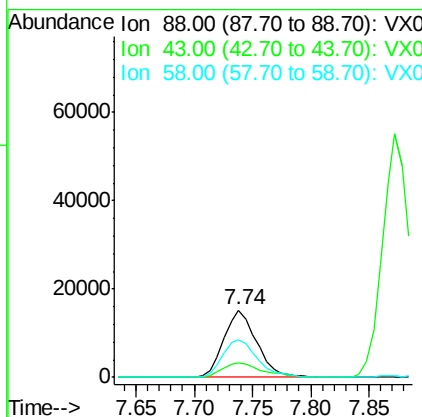
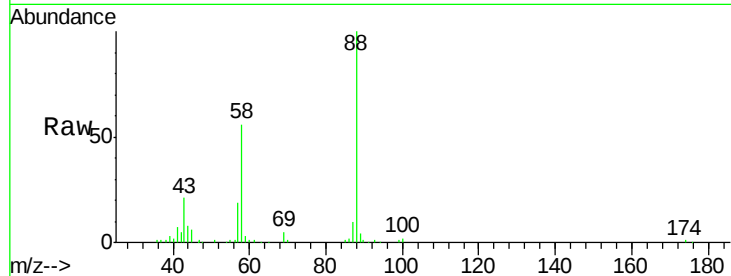
ClientSampleId :

VX0625WBSD02

Tot Ion:	88	Resp:	29887
Ion	Ratio	Lower	Upper
88	100		
43	25.1	20.2	30.2
58	59.1	49.5	74.3

Manual Integrations
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#50

Toluene-d8

Concen: 45.445 ug/l

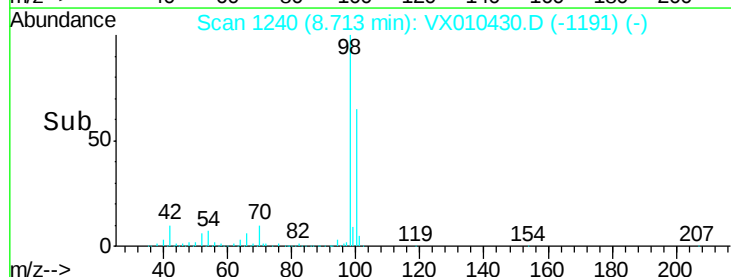
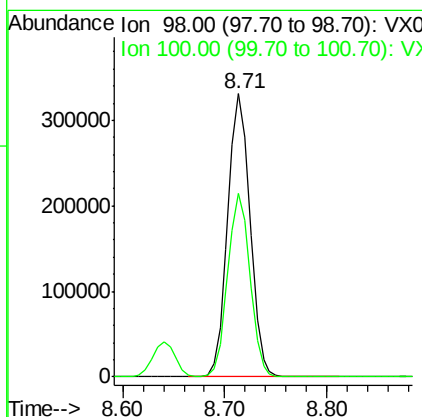
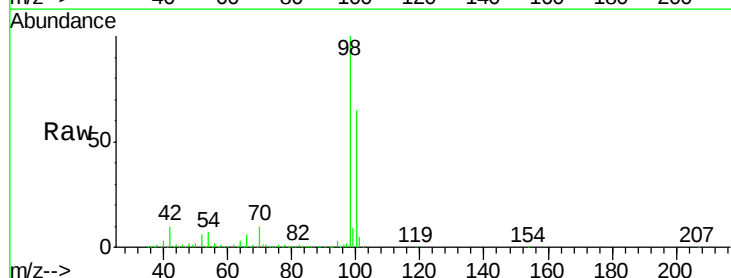
RT: 8.71 min Scan# 1240

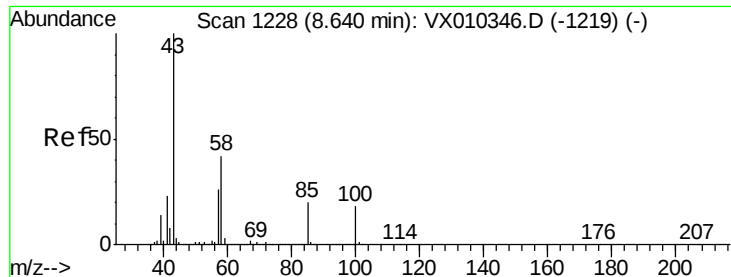
Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Tgt Ion:	98	Resp:	501556
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





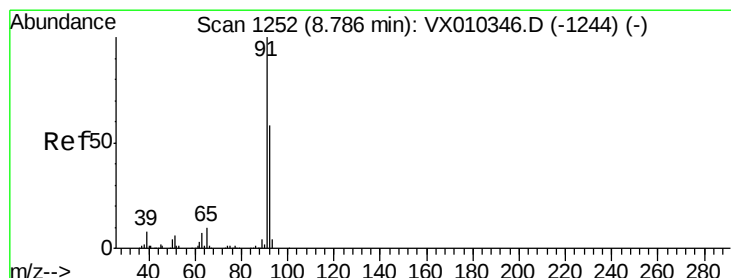
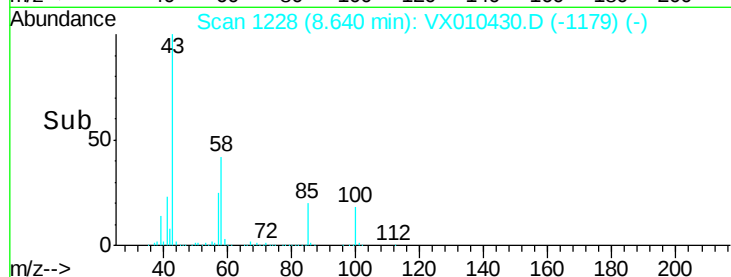
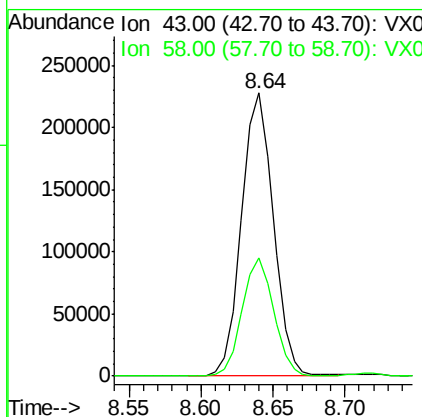
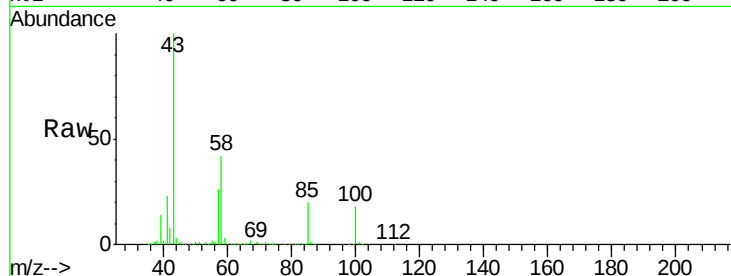
#51
4-Methyl-2-Pentanone
Concen: 85.684 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion	43	Resp	349469
Ion Ratio	43	100	
Lower	58	41.6	33.5
Upper			50.3

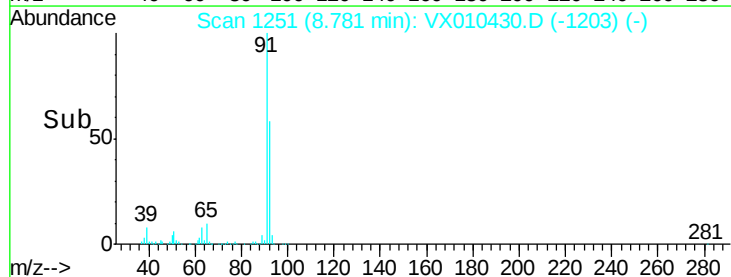
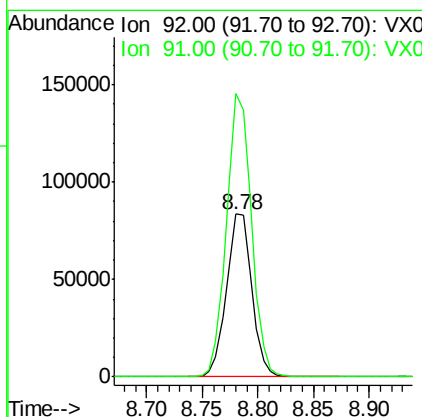
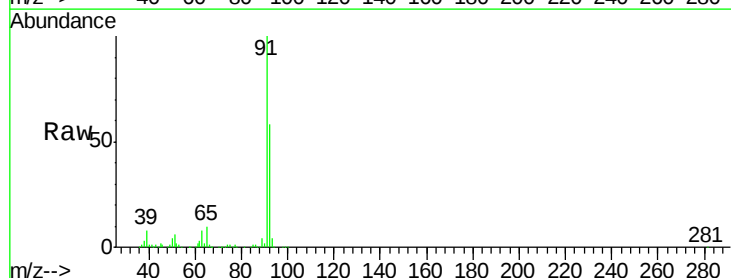
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APPROVED

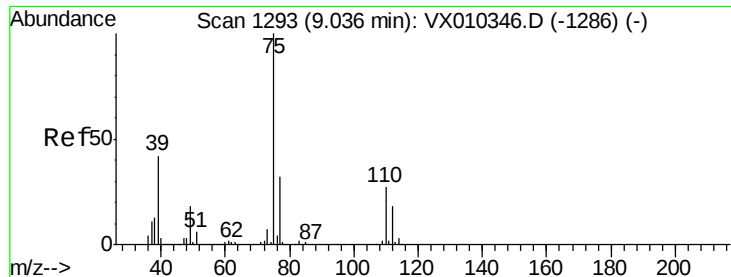
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#52
Toluene
Concen: 17.168 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion	92	Resp	131969
Ion Ratio	92	100	
Lower	91	171.4	139.8
Upper			209.6





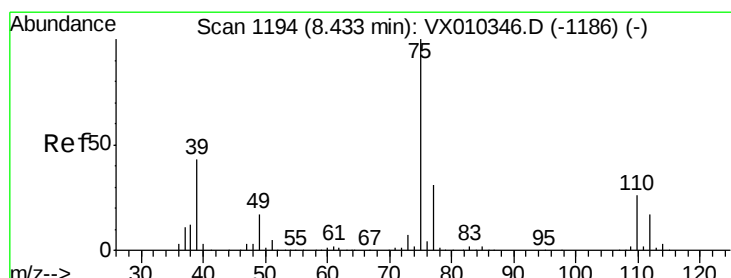
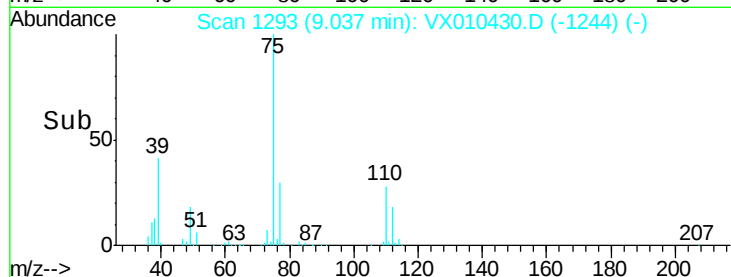
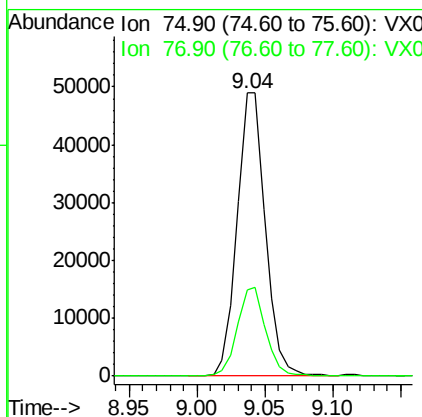
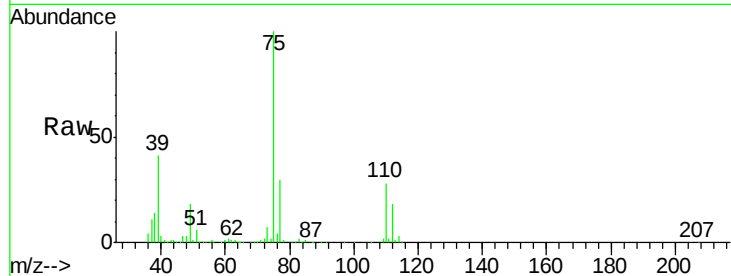
#53
t-1,3-Dichloropropene
Concen: 16.357 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion: 75 Resp: 71077
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2

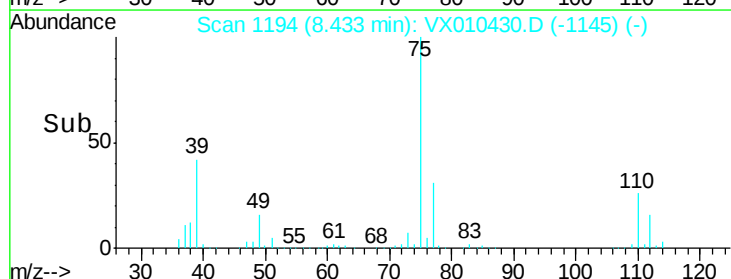
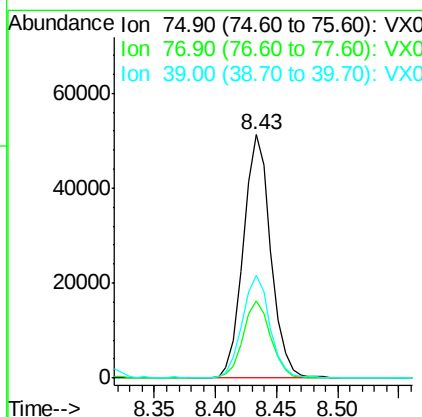
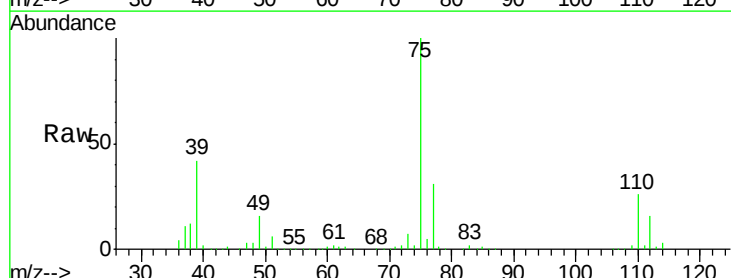
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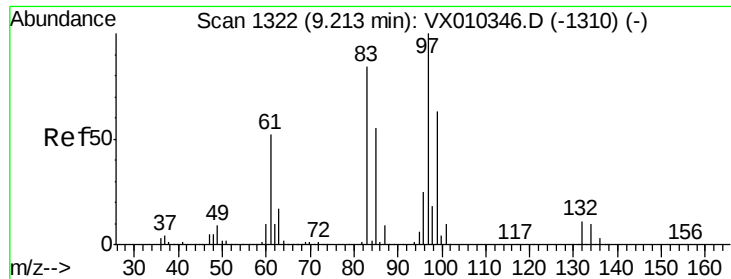
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#54
cis-1,3-Dichloropropene
Concen: 16.931 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 75 Resp: 79951
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 41.9 34.5 51.7





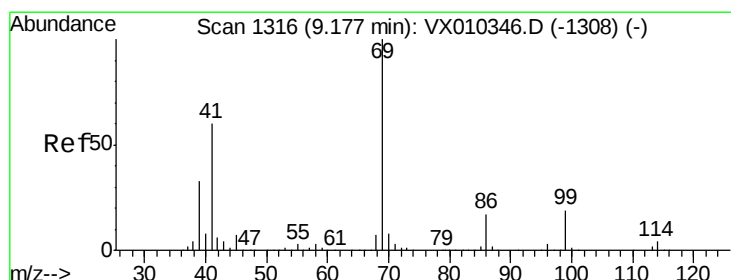
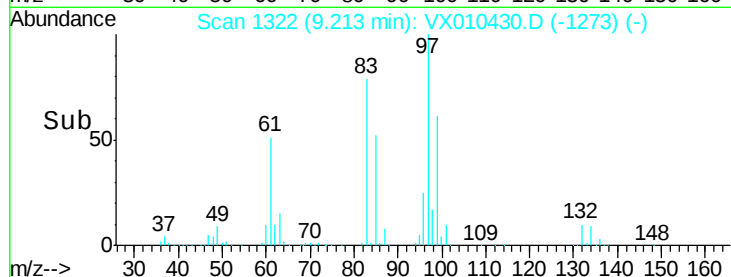
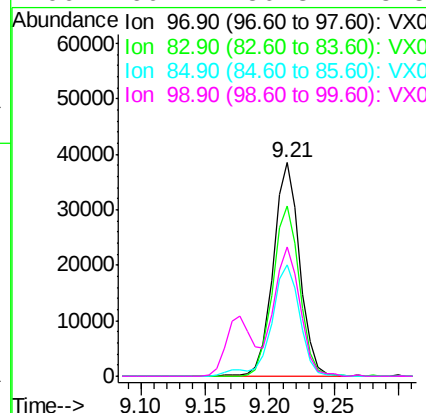
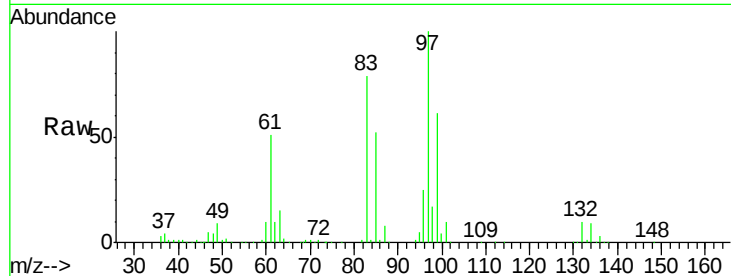
#55
1,1,2-Trichloroethane
Concen: 17.463 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion:	97	Resp:	55364
Ion	Ratio	Lower	Upper
97	100		
83	79.4	67.4	101.0
85	52.1	43.8	65.8
99	60.7	50.3	75.5

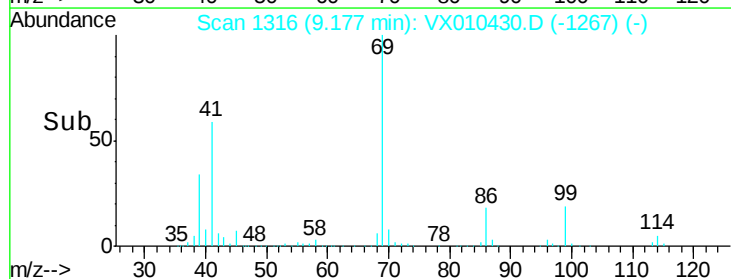
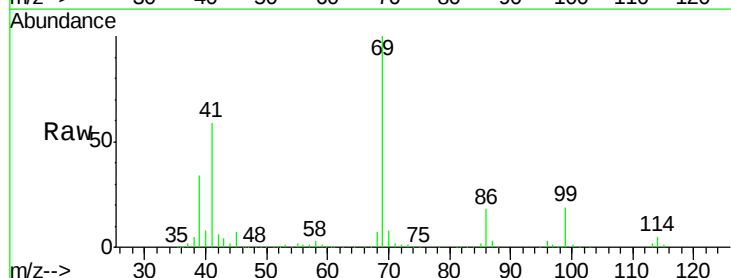
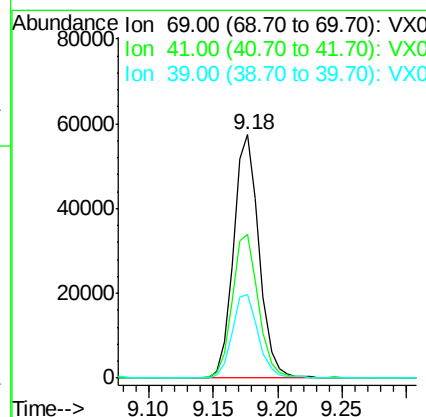
Manual Integrations
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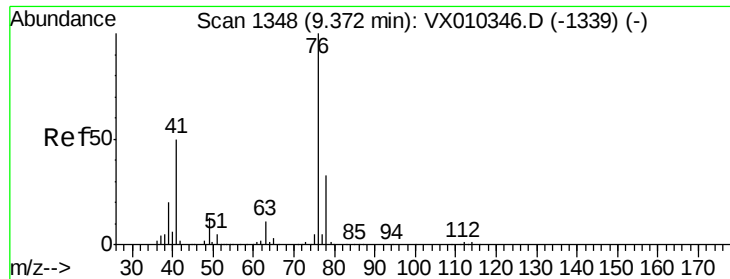
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#56
Ethyl methacrylate
Concen: 16.659 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion:	69	Resp:	80004
Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.1	70.7
39	34.9	26.6	40.0





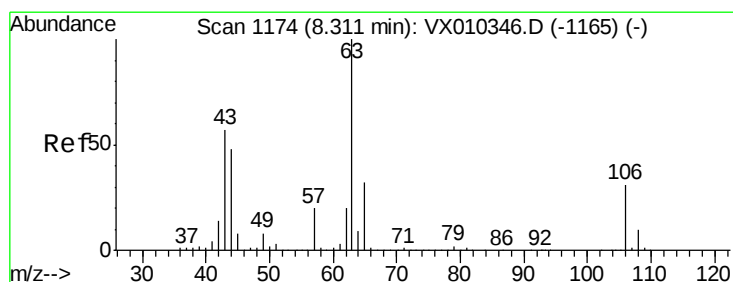
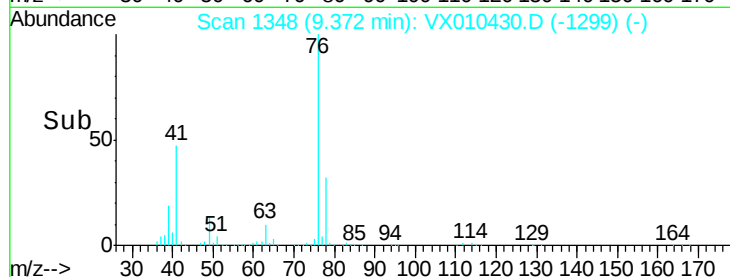
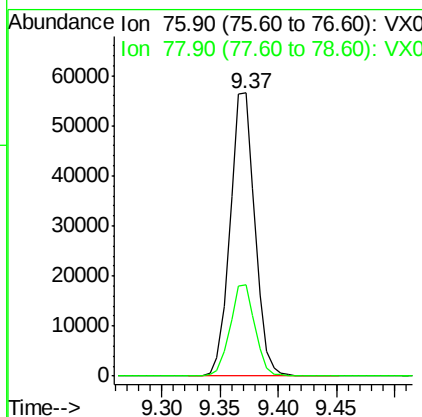
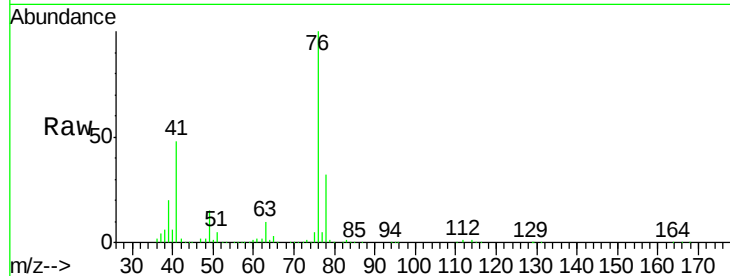
#57
 1,3-Dichloropropane
 Concen: 17.033 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Tot Ion: 76 Resp: 83825
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1

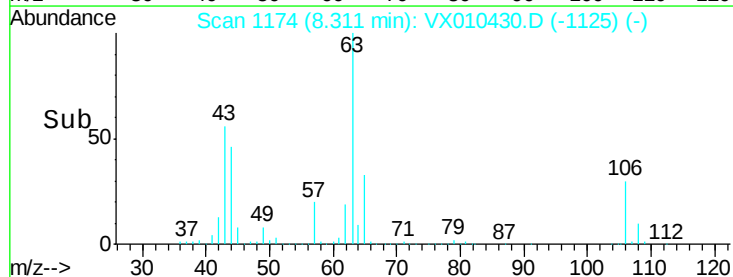
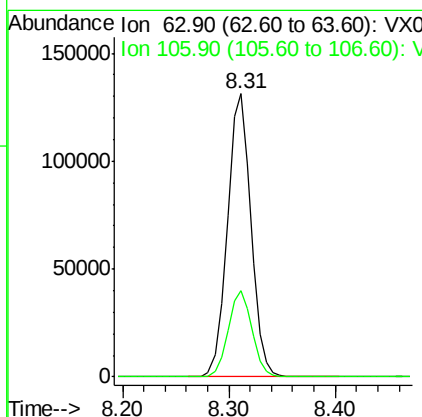
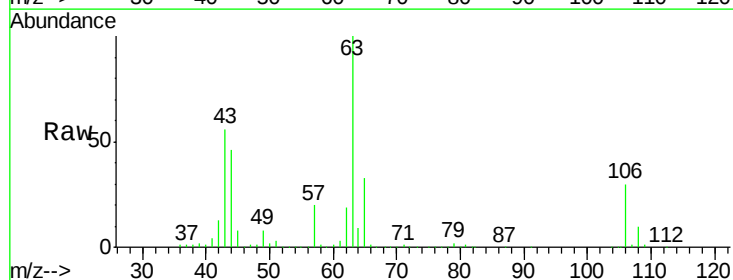
Manual Integrations
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 7/1/2019 4:59:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.942 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion: 63 Resp: 202865
 Ion Ratio Lower Upper
 63 100
 106 30.9 24.7 37.1





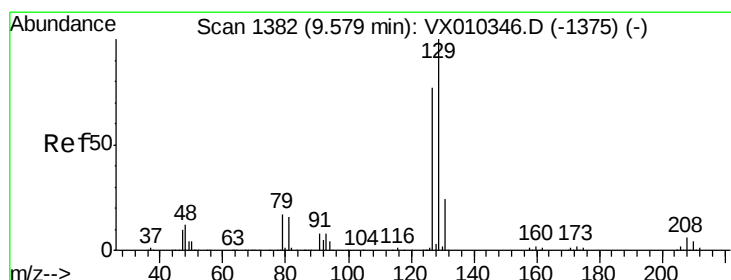
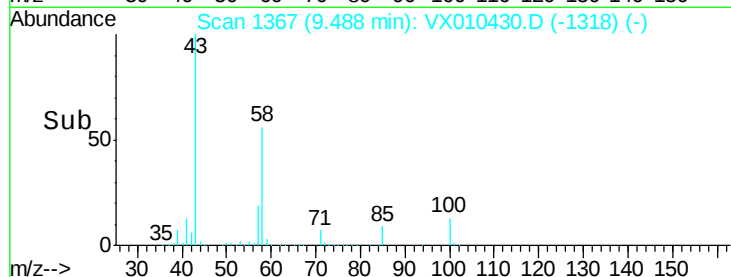
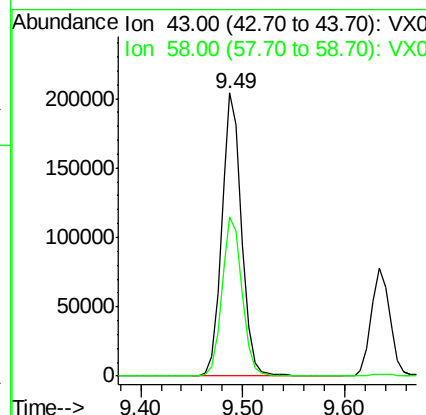
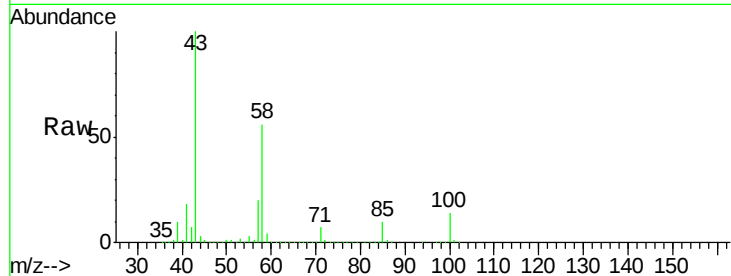
#59
2-Hexanone
Concen: 85.993 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion: 43 Resp: 276037
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.1

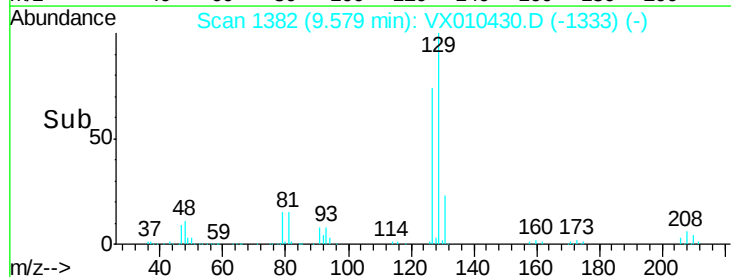
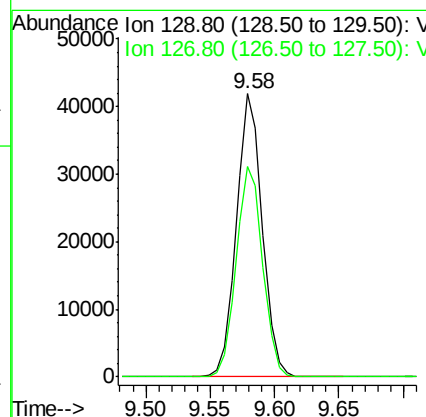
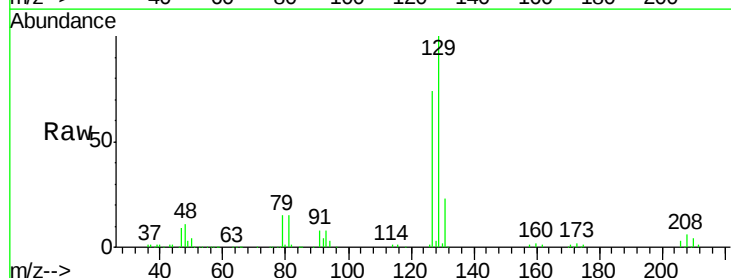
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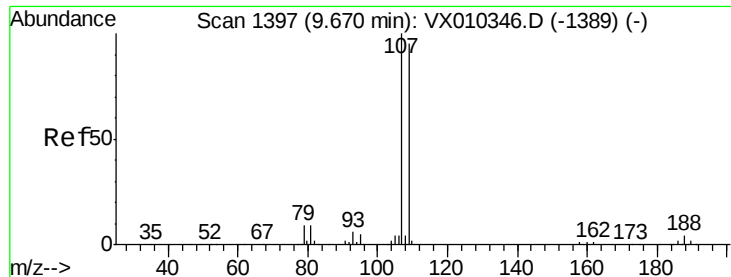
MMDadoda
7/1/2019 4:59:02 PM



#60
Dibromochloromethane
Concen: 16.541 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 129 Resp: 58714
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 17.076 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion: 107 Resp: 58434

Ion Ratio Lower Upper

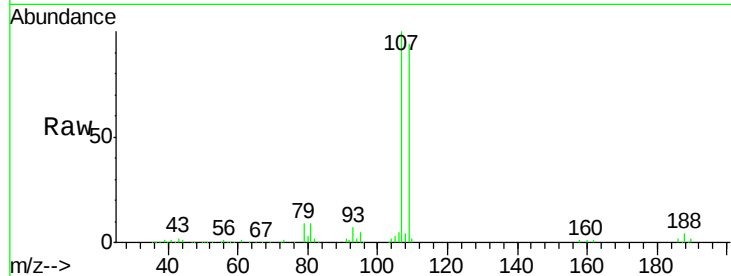
107 100

109 93.2 75.8 113.6

Manual Integrations
APPROVED

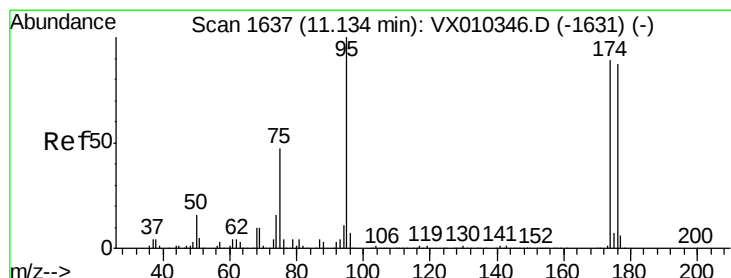
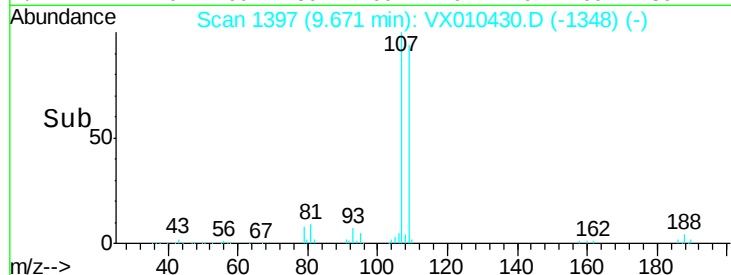
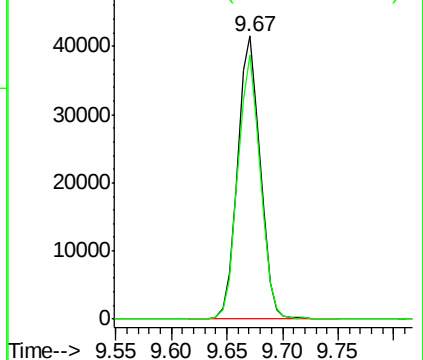
MMDadoda

7/1/2019 4:59:02 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.307 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

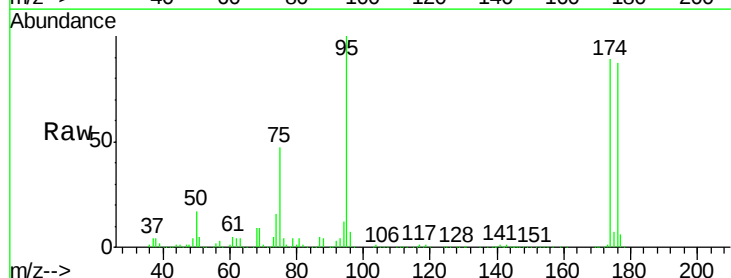
Tgt Ion: 95 Resp: 180527

Ion Ratio Lower Upper

95 100

174 93.6 0.0 187.6

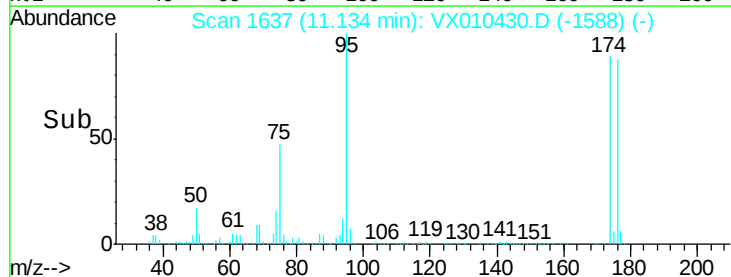
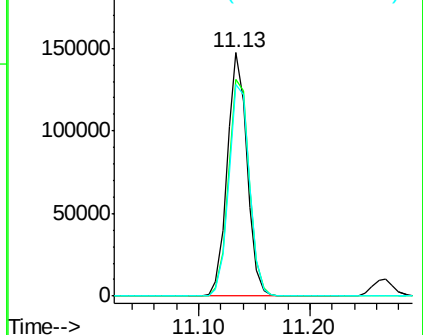
176 91.2 0.0 184.0

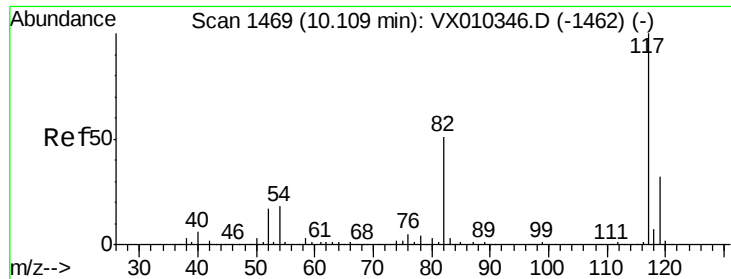


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





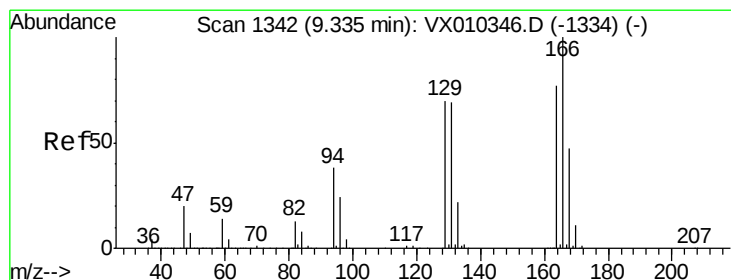
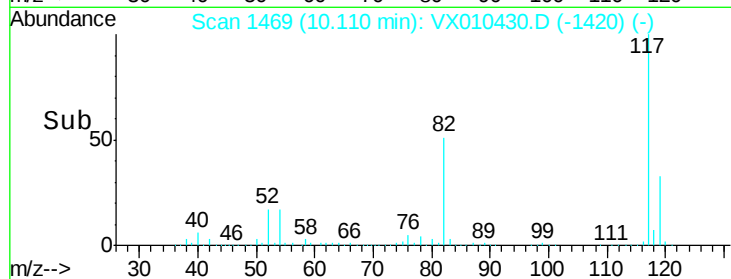
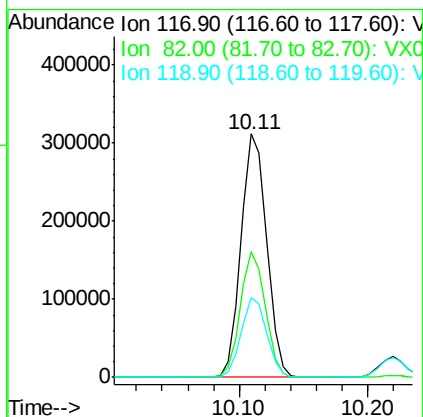
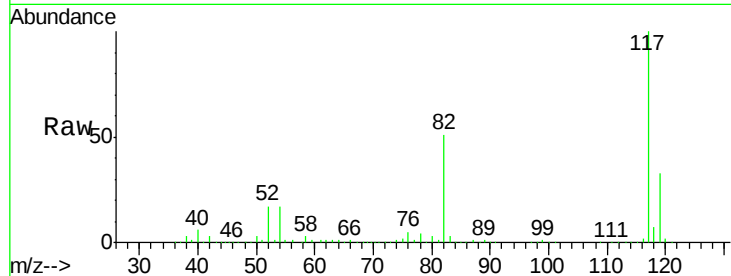
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.2	61.8
119	32.7	25.5	38.3

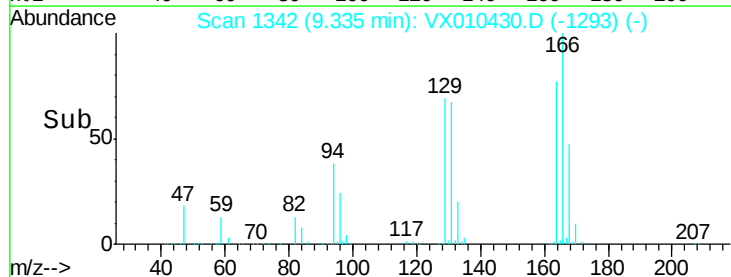
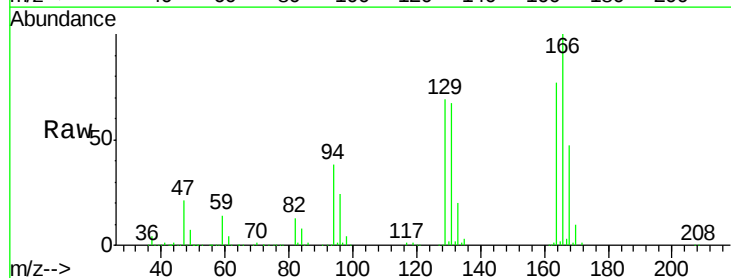
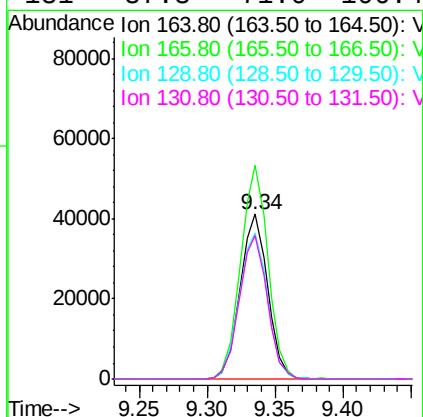
Manual Integrations
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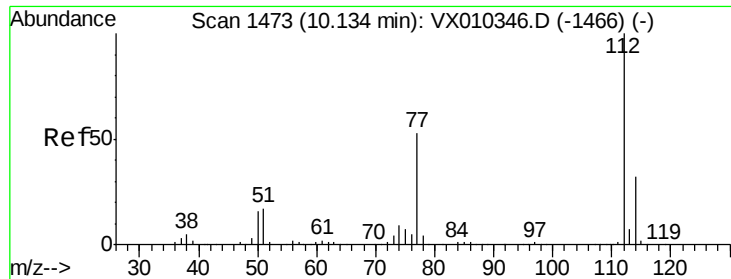
MMDadoda
7/1/2019 4:59:02 PM



#64
Tetrachloroethene
Concen: 16.745 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	103.6	155.4
129	89.0	73.0	109.4
131	87.3	71.0	106.4





#65

Chlorobenzene

Concen: 16.867 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion:112 Resp: 146873

Ion Ratio Lower Upper

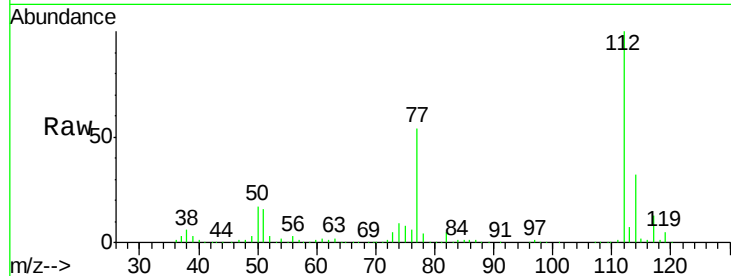
112 100

114 31.6 25.4 38.2

Manual Integrations
APPROVED

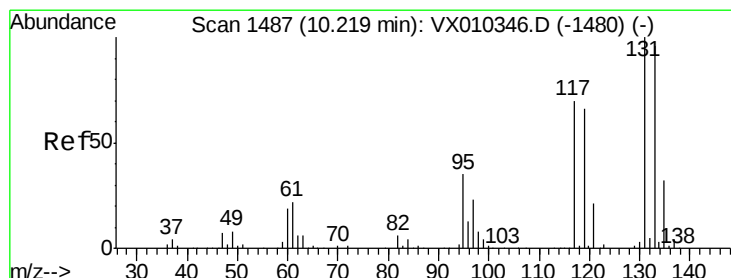
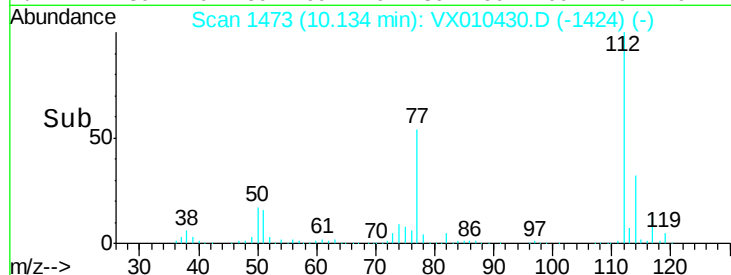
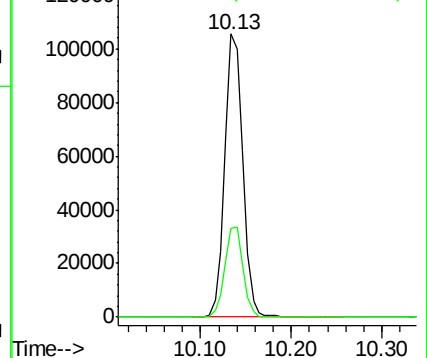
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.318 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

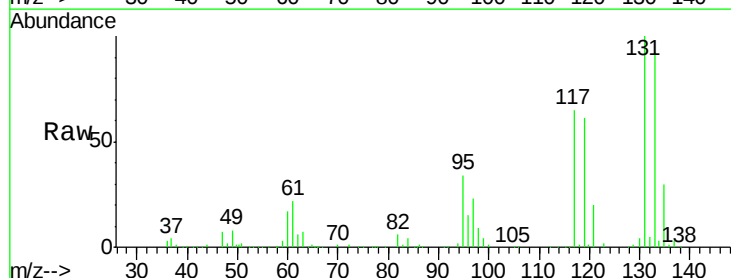
Tgt Ion:131 Resp: 54929

Ion Ratio Lower Upper

131 100

133 93.8 47.7 143.1

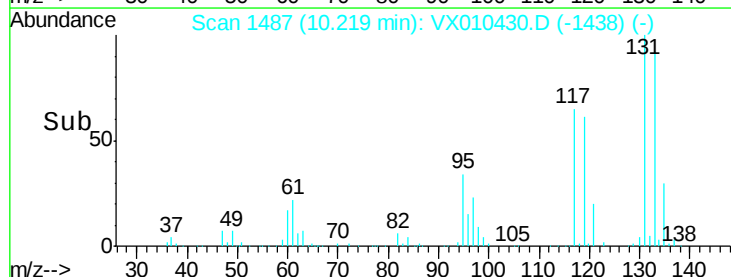
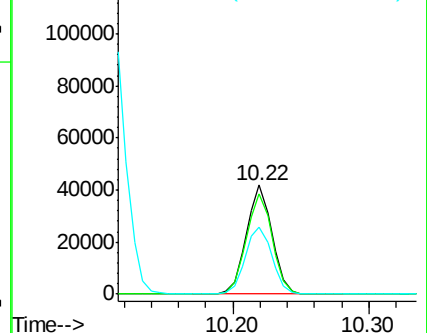
119 64.0 32.6 97.7

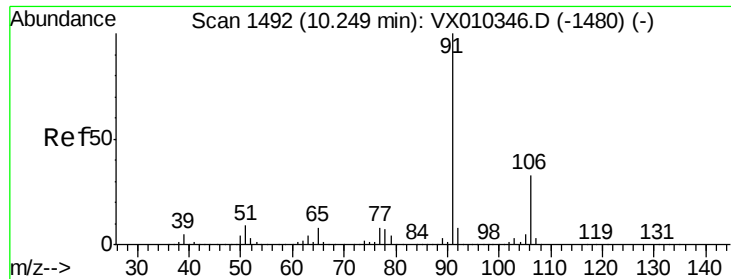


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





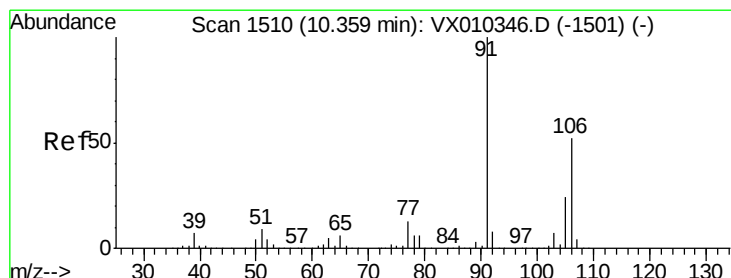
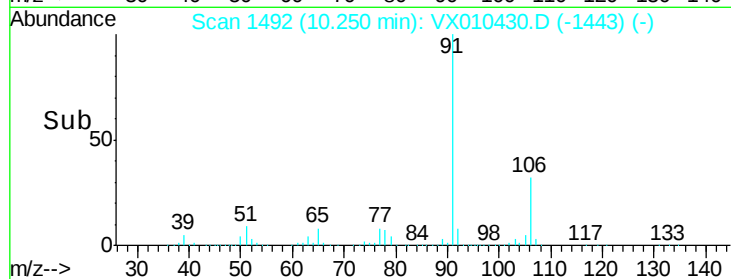
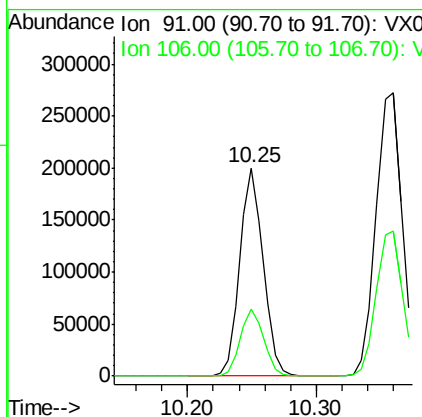
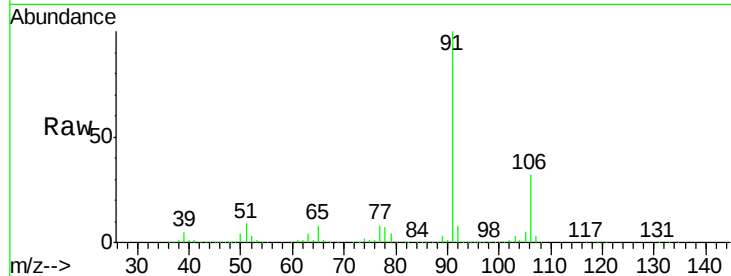
#67
Ethyl Benzene
Concen: 17.132 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion: 91 Resp: 251842
Ion Ratio Lower Upper
91 100
106 32.4 26.2 39.2

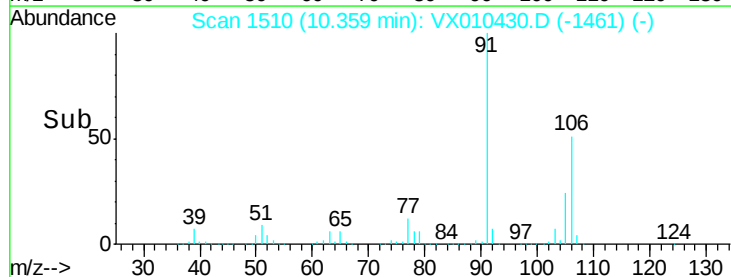
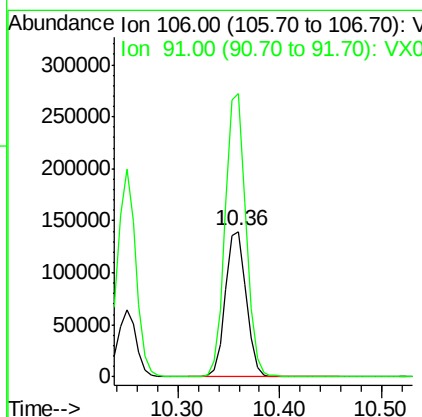
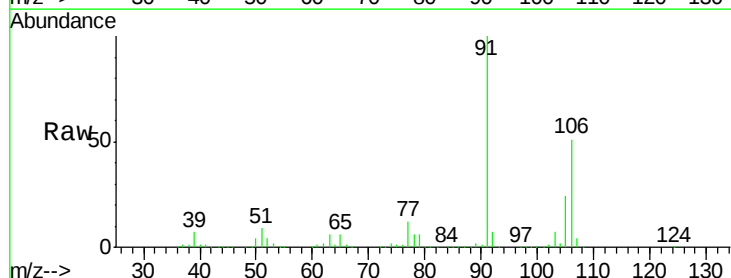
Manual Integrations
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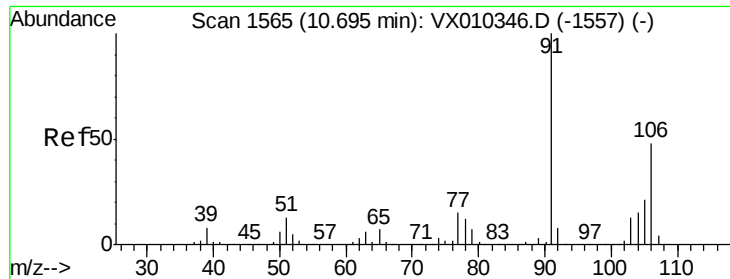
MMDadoda
7/1/2019 4:59:02 PM



#68
m/p-Xylenes
Concen: 34.596 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion: 106 Resp: 197057
Ion Ratio Lower Upper
106 100
91 193.7 155.3 232.9





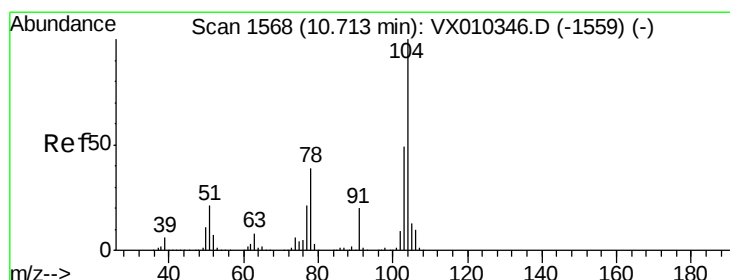
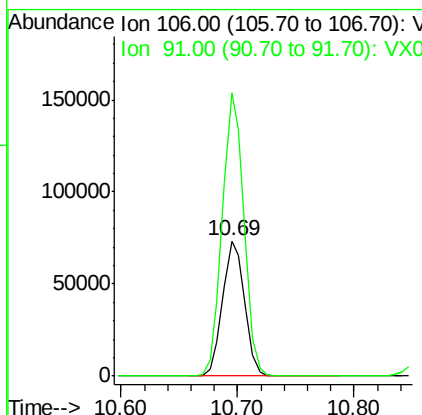
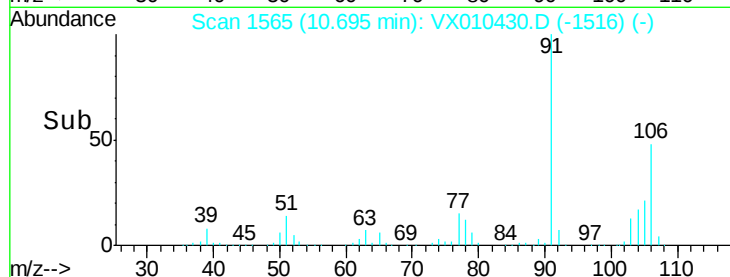
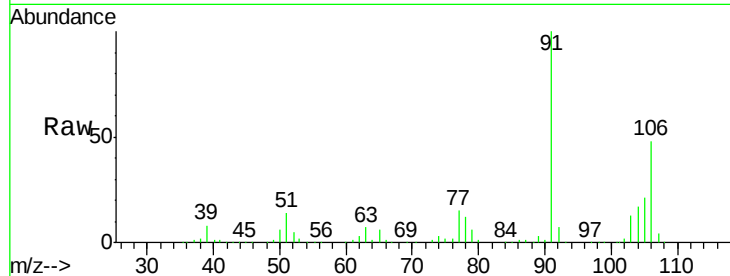
#69
o-Xylene
Concen: 17.044 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion:106 Resp: 95474
Ion Ratio Lower Upper
106 100
91 206.3 102.7 308.1

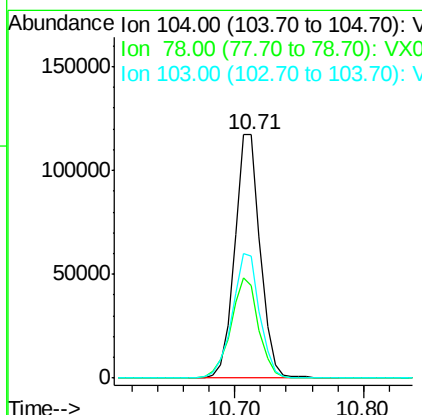
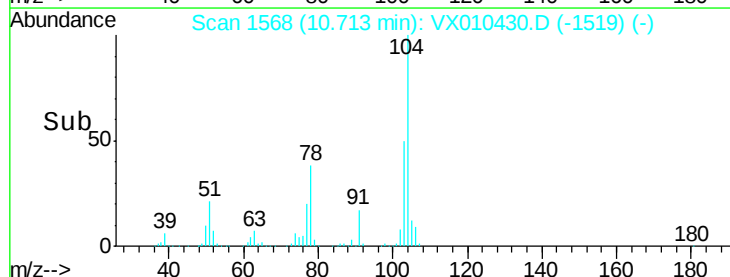
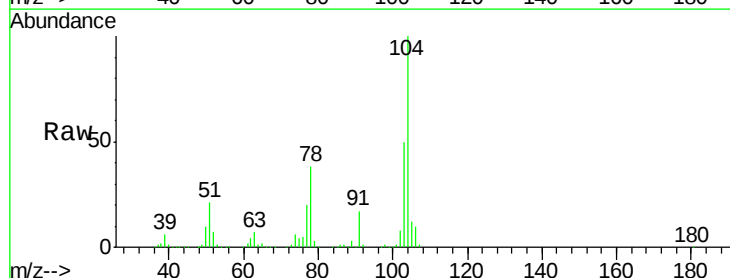
Manual Integrations
APPROVED

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7/1/2019 4:59:02 PM



#70
Styrene
Concen: 17.168 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion:104 Resp: 161274
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.2
103 55.2 44.2 66.4





#71

Bromoform

Concen: 16.043 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion:173 Resp: 44249

Ion Ratio Lower Upper

173 100

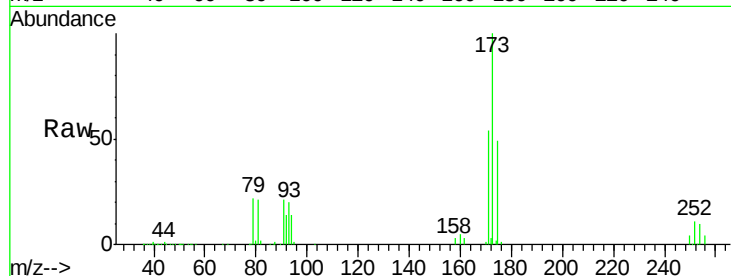
175 48.8 24.1 72.3

254 0.1 0.2 0.2#

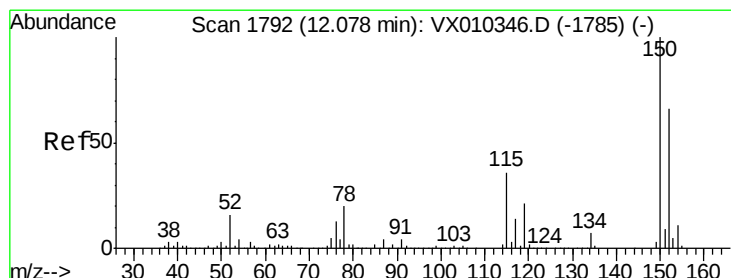
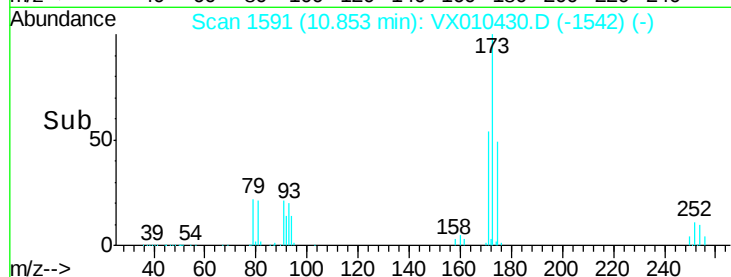
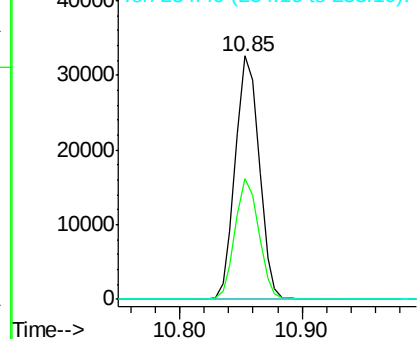
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

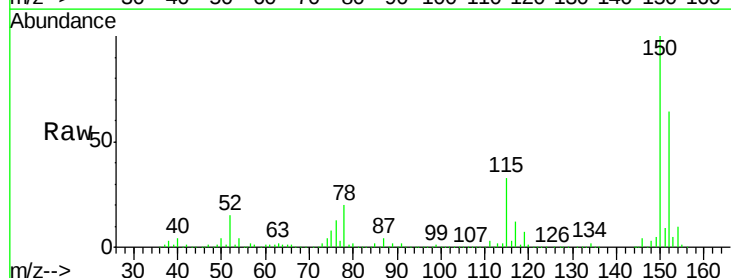
Tgt Ion:152 Resp: 220174

Ion Ratio Lower Upper

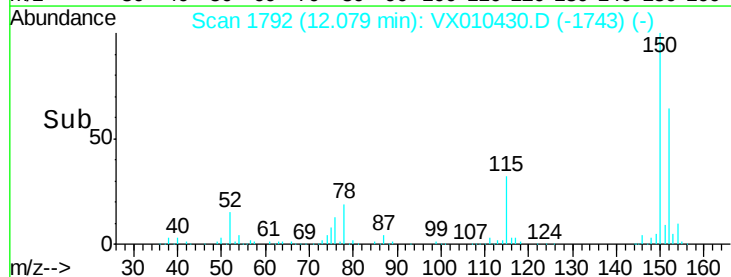
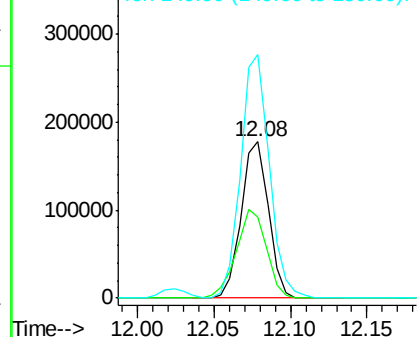
152 100

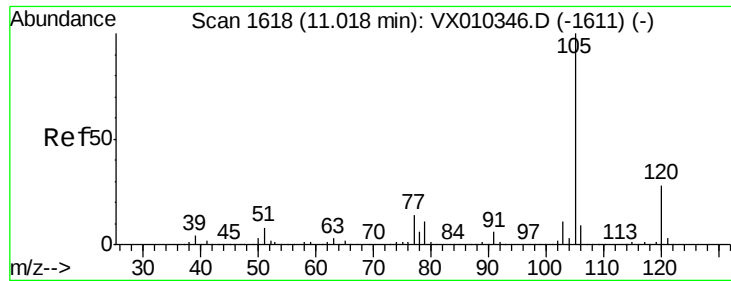
115 62.3 38.6 115.7

150 163.1 0.0 347.4



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: 17.106 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion: 105 Resp: 255313

Ion Ratio Lower Upper

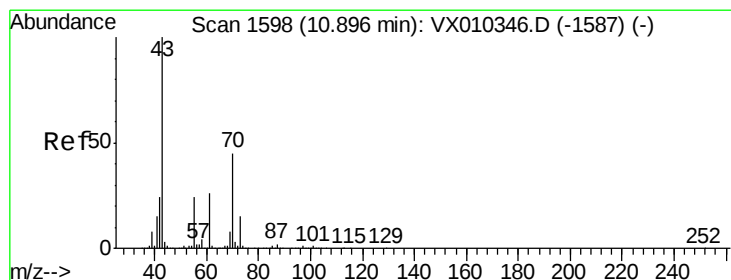
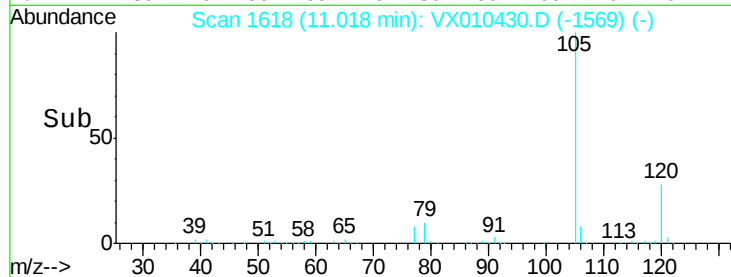
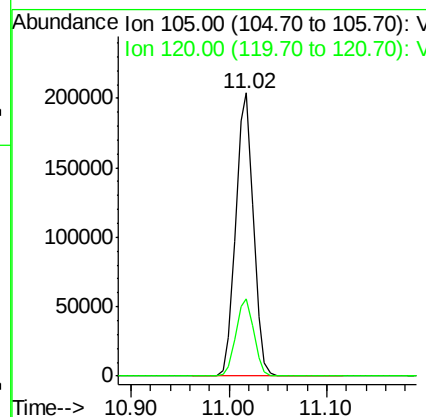
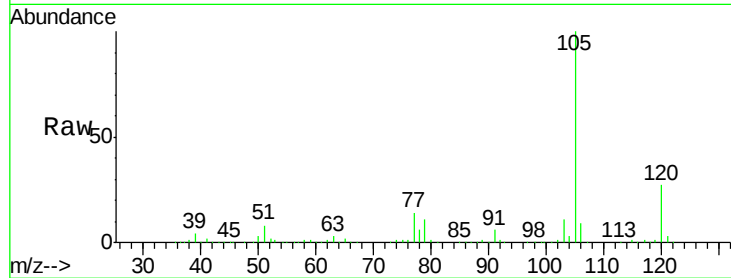
105 100

120 27.8 14.1 42.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 16.878 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Tgt Ion: 43 Resp: 95203

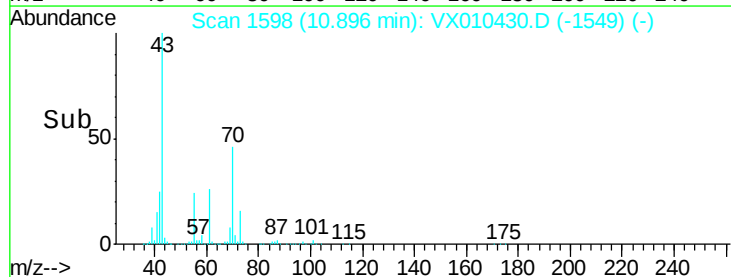
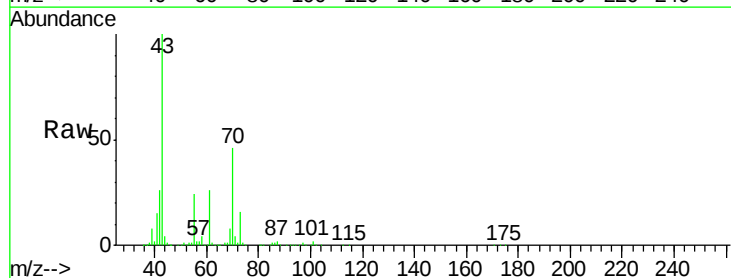
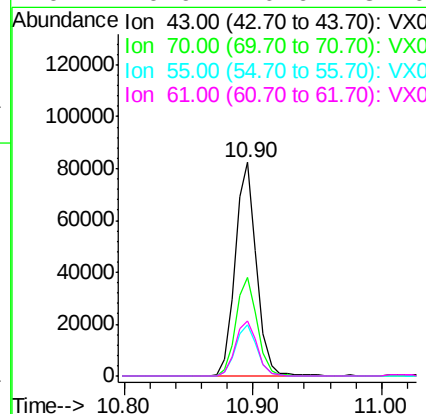
Ion Ratio Lower Upper

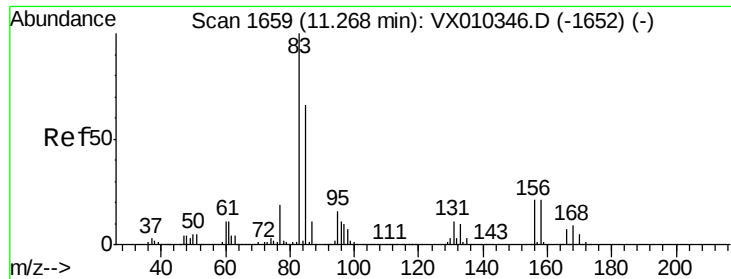
43 100

70 46.8 36.6 54.8

55 24.3 18.7 28.1

61 26.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.777 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

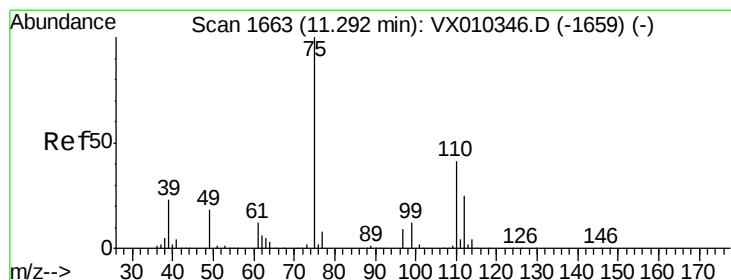
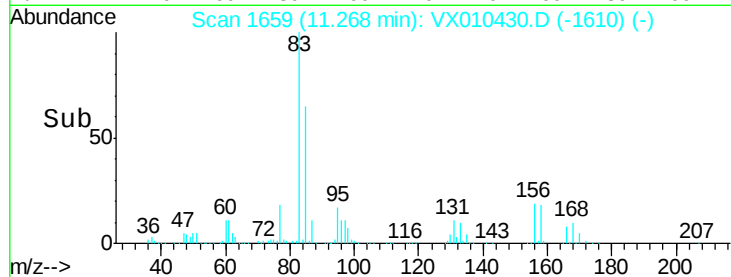
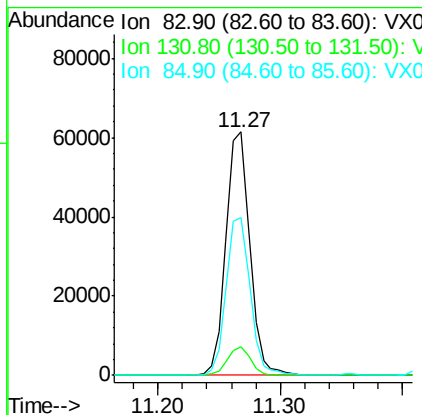
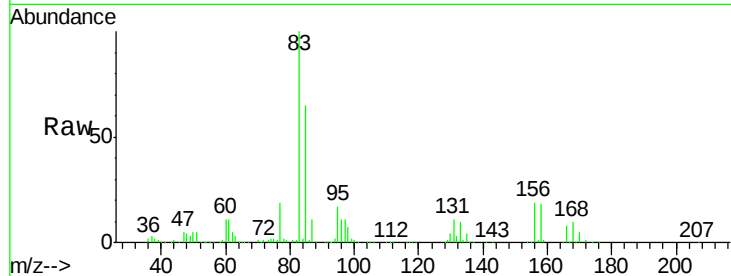
ClientSampleId :

VX0625WBSD02

Tot Ion:	83	Resp:	82923
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	65.3	32.3	96.8

Manual Integrations
APPROVED

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7/1/2019 4:59:02 PM



#76

1,2,3-Trichloropropane

Concen: 17.036 ug/l m

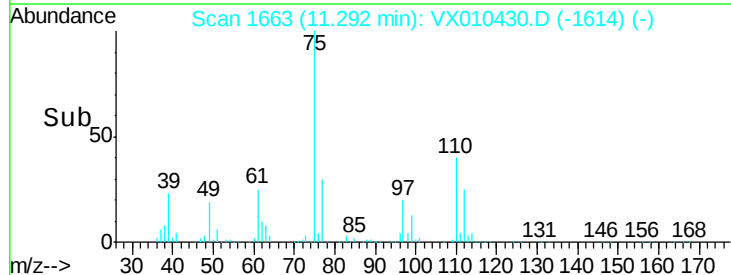
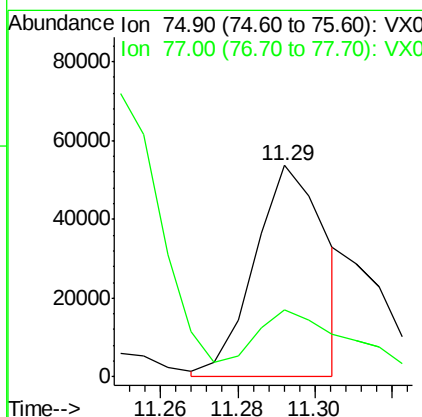
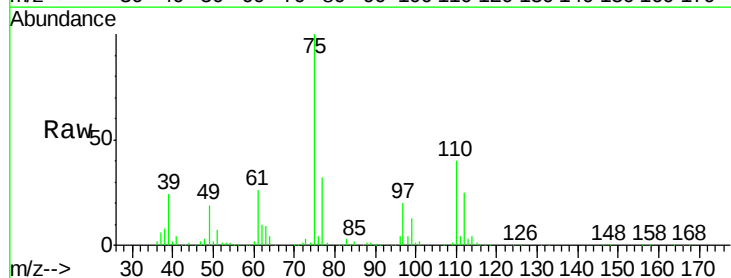
RT: 11.29 min Scan# 1663

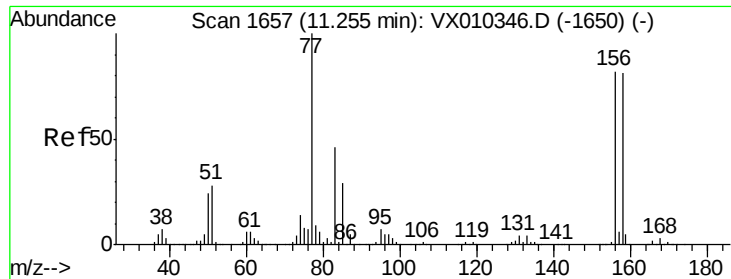
Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Tgt Ion:	75	Resp:	68350
Ion Ratio	Lower	Upper	
75	100		
77	43.8	22.6	67.8





#77

Bromobenzene

Concen: 16.747 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion:156 Resp: 69792

Ion Ratio Lower Upper

156 100

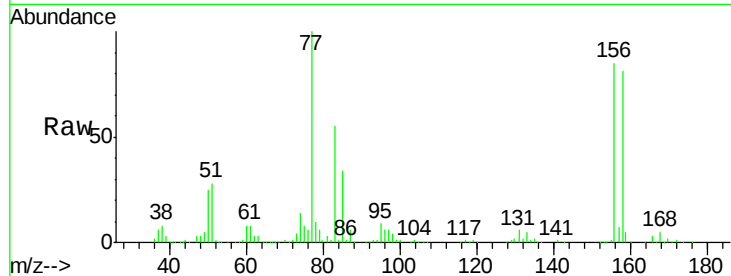
77 130.5 66.3 198.7

158 95.3 48.9 146.7

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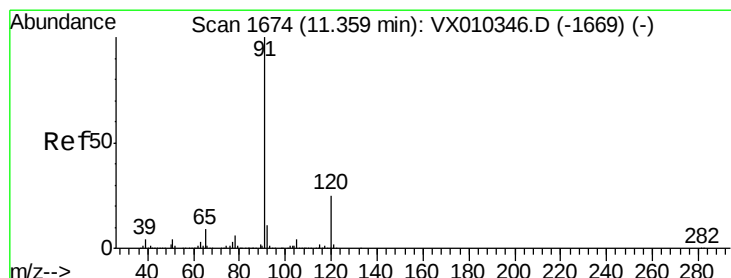
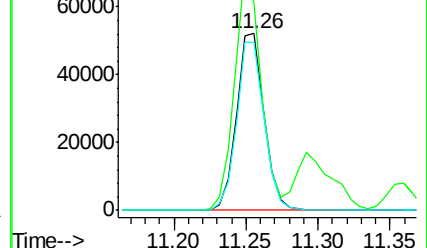
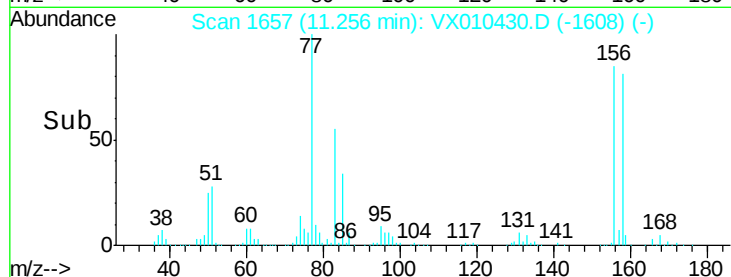
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.420 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010430.D

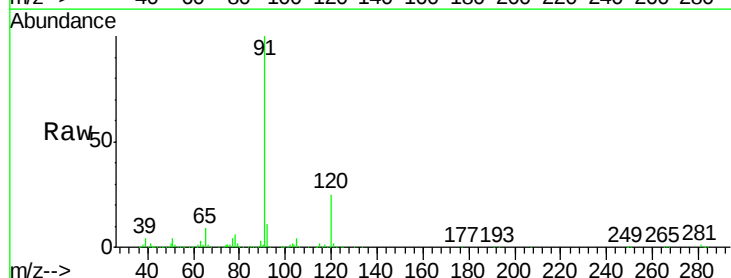
Acq: 25 Jun 2019 11:48

Tgt Ion: 91 Resp: 285753

Ion Ratio Lower Upper

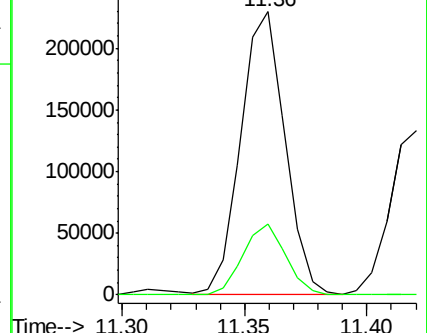
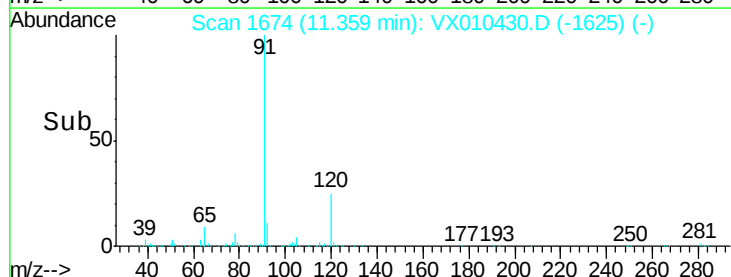
91 100

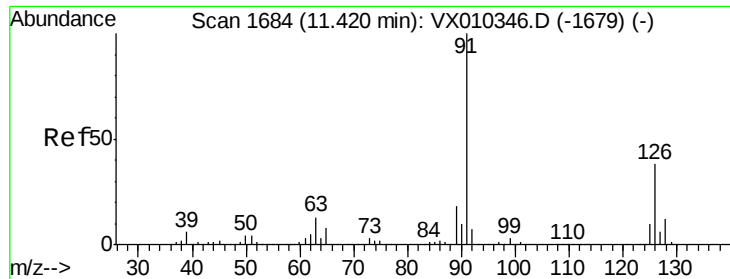
120 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.949 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBSD02

Tot Ion: 91 Resp: 165557

Ion Ratio Lower Upper

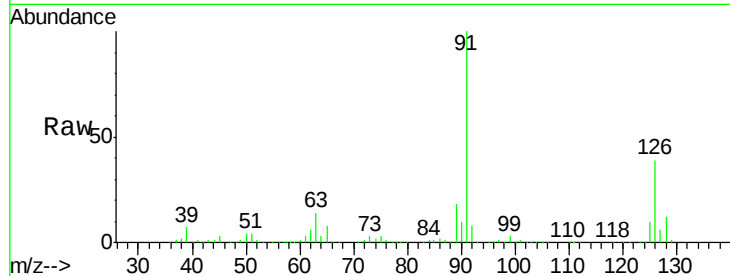
91 100

126 38.3 18.7 56.1

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Abundance Ion 91.00 (90.70 to 91.70): VX010430.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010430.D (-1679) (-)

250000

200000

150000

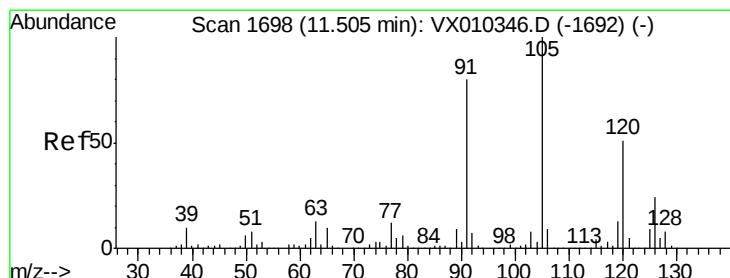
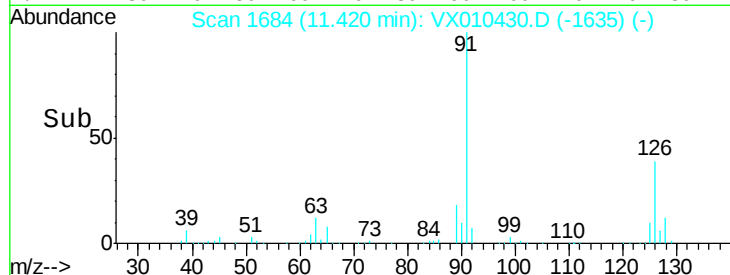
100000

50000

0

11.40 11.42 11.44 11.46

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.150 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010430.D

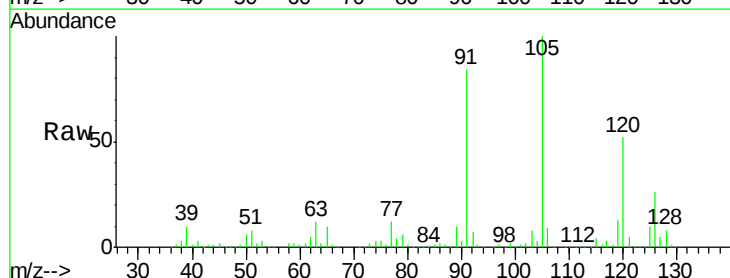
Acq: 25 Jun 2019 11:48

Tgt Ion: 105 Resp: 211009

Ion Ratio Lower Upper

105 100

120 51.1 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010430.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX010430.D (-1649) (-)

200000

150000

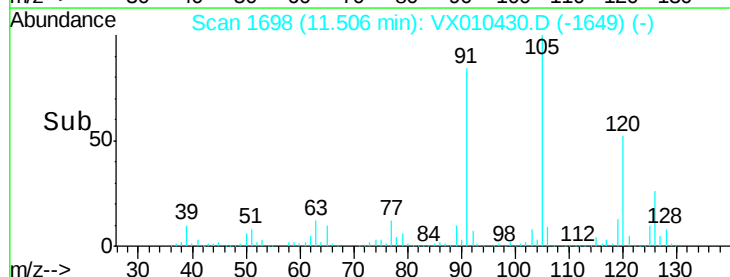
100000

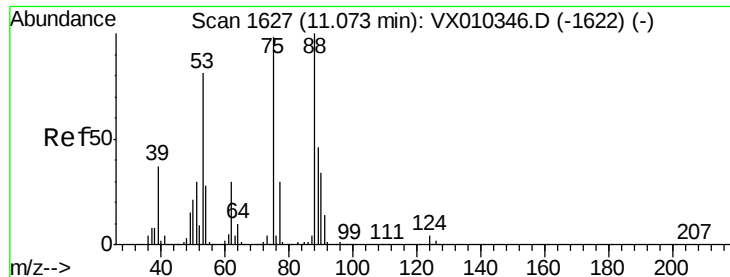
50000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 15.339 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

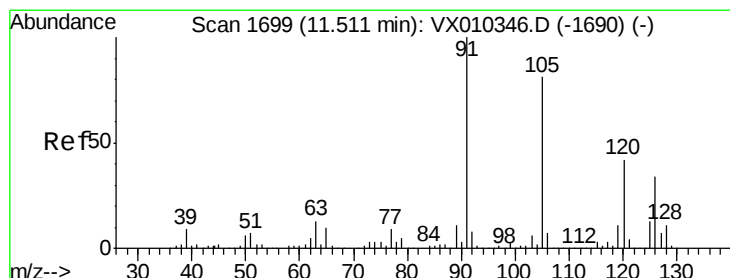
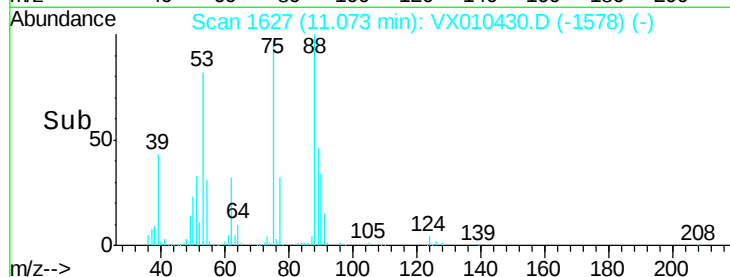
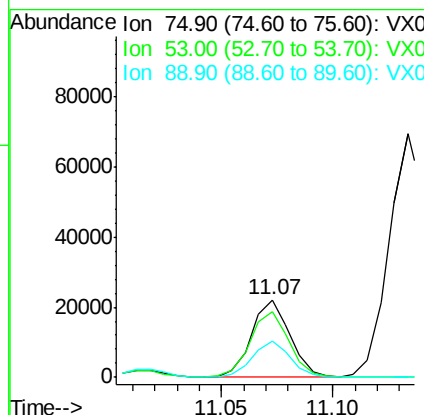
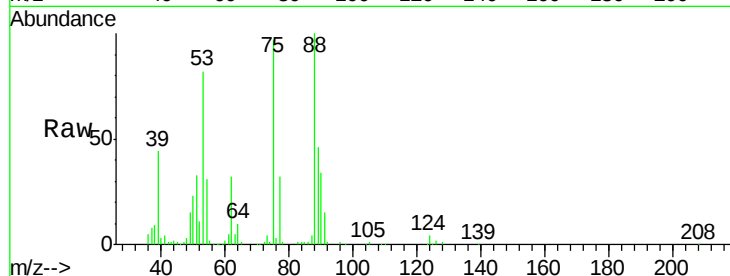
ClientSampleId :

VX0625WBSD02

Tot Ion:	75	Resp:	26381
Ion	Ratio	Lower	Upper
75	100		
53	88.2	66.1	99.1
89	47.4	37.8	56.6

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#82

4-Chlorotoluene

Concen: 17.253 ug/l

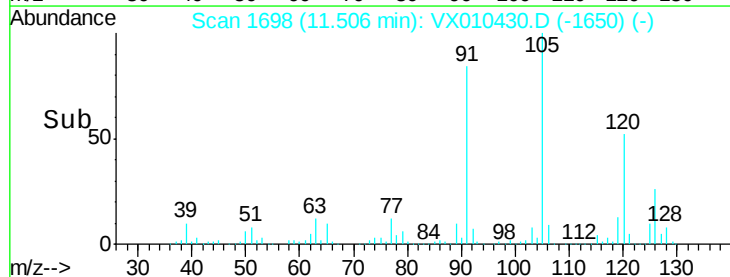
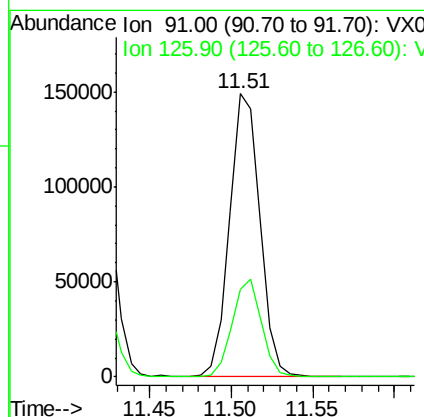
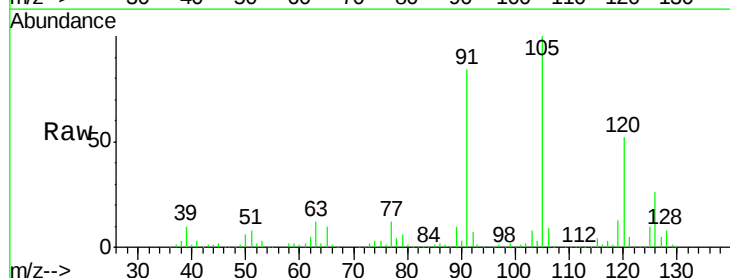
RT: 11.51 min Scan# 1698

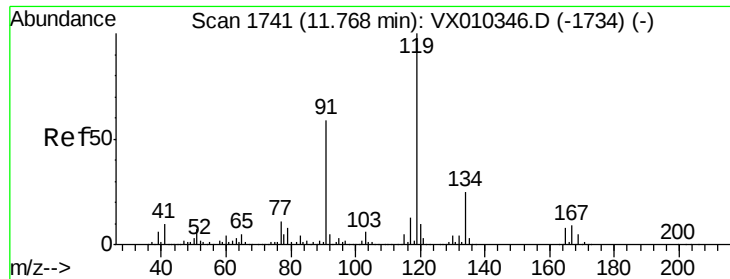
Delta R.T. -0.01 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Tgt Ion:	91	Resp:	191757
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.2	48.6





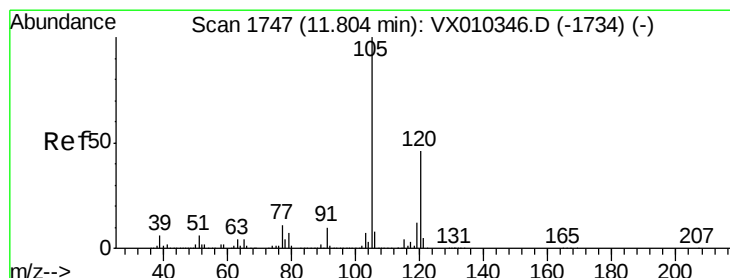
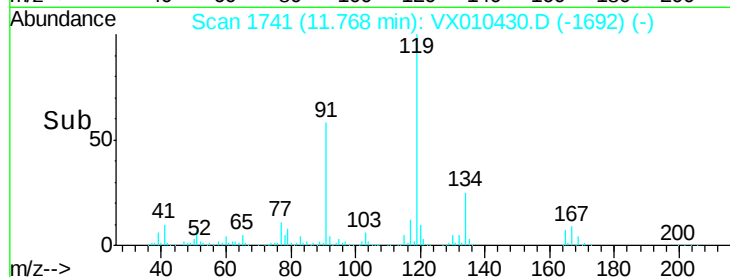
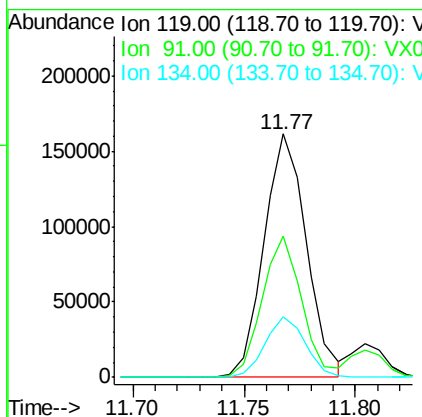
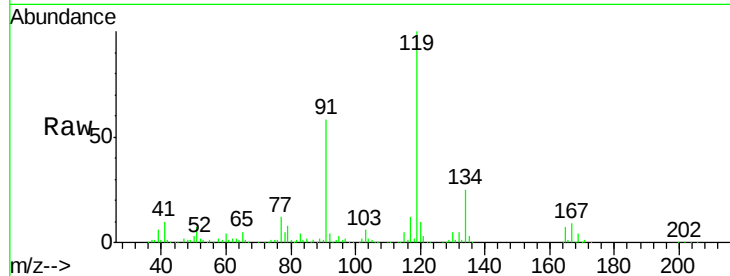
#83
tert-Butylbenzene
Concen: 17.282 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.5	27.6	82.7
134	23.8	11.8	35.4

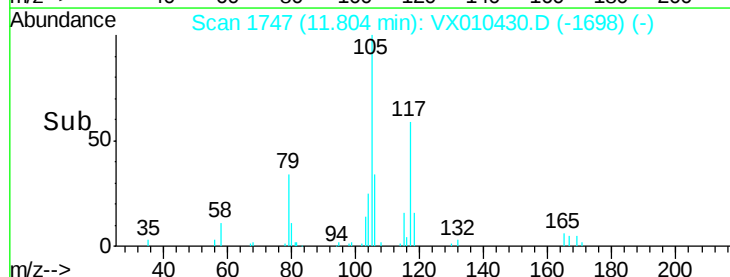
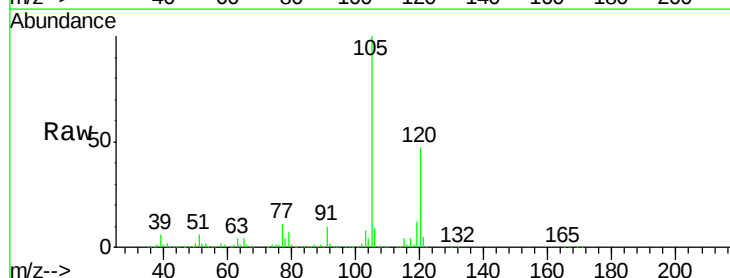
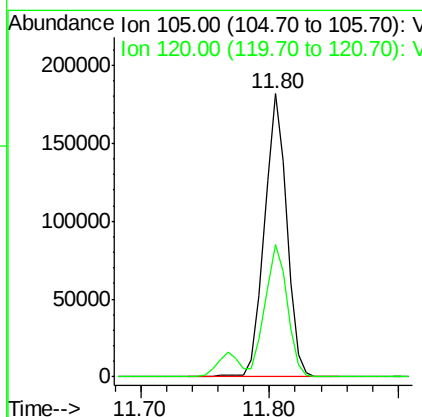
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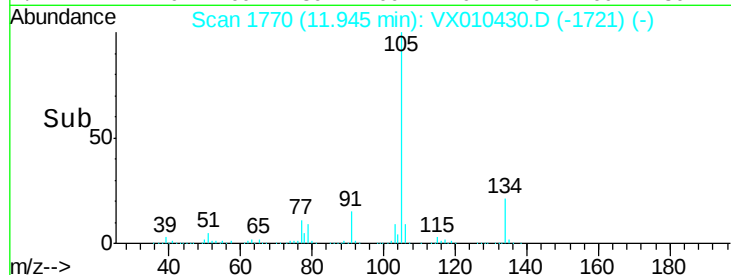
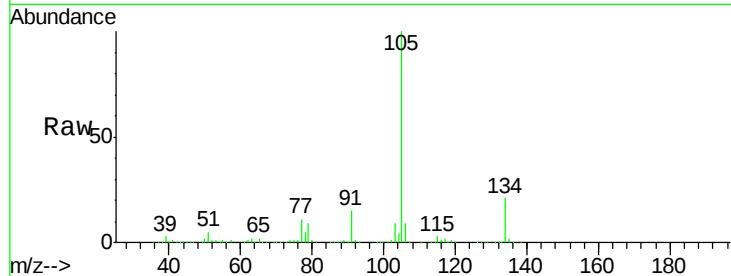
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#84
1,2,4-Trimethylbenzene
Concen: 17.550 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.1	69.2





#85

sec-Butylbenzene

Concen: 17.302 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Tot Ion:105 Resp: 250868

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9

Instrument :

MSVOA_X

ClientSampleId :

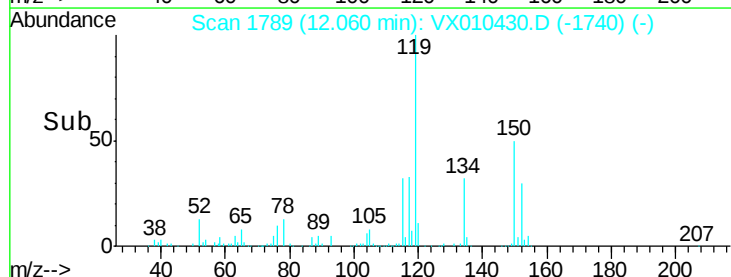
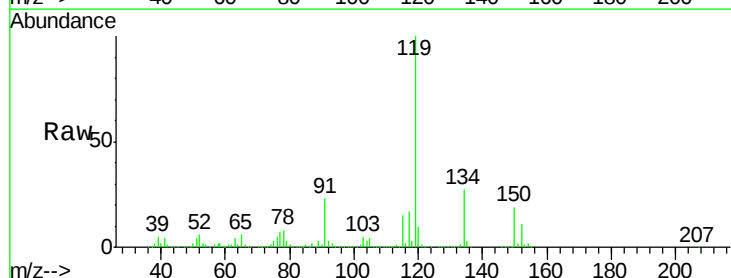
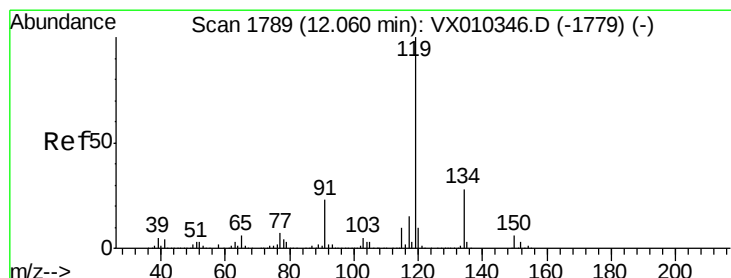
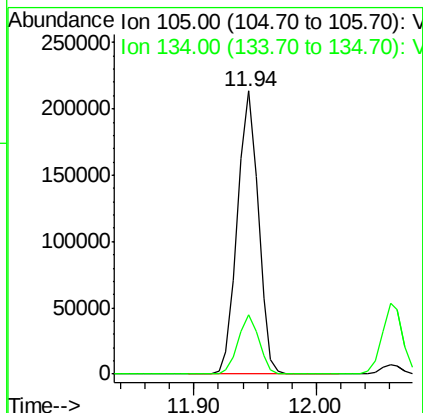
VX0625WBSD02

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#86

p-Isopropyltoluene

Concen: 17.364 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

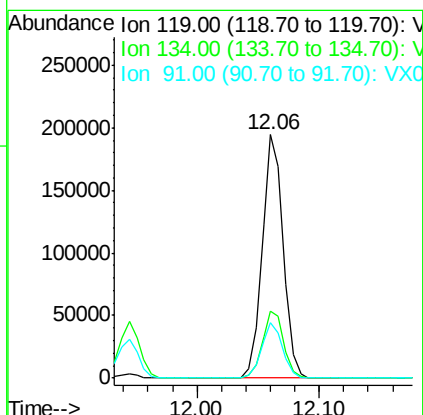
Tgt Ion:119 Resp: 232877

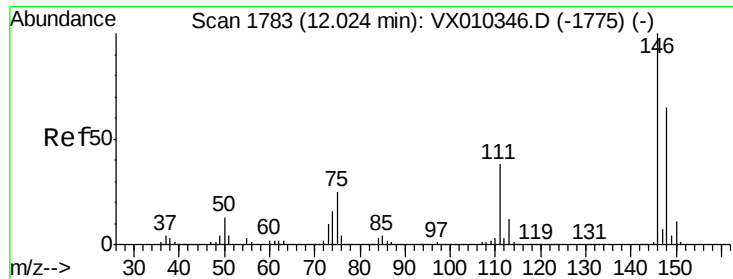
Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

91 22.4 11.3 33.8





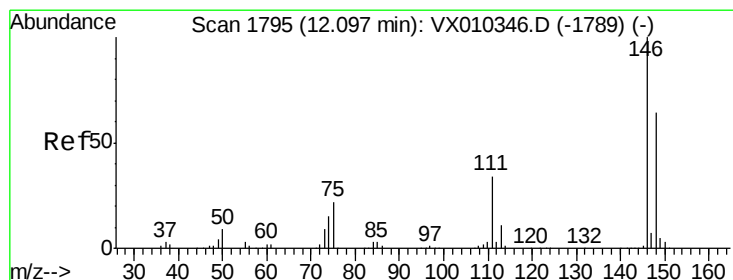
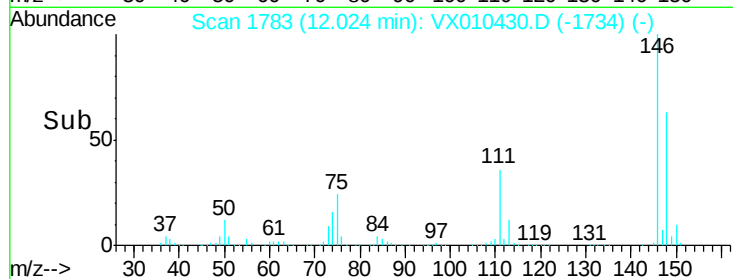
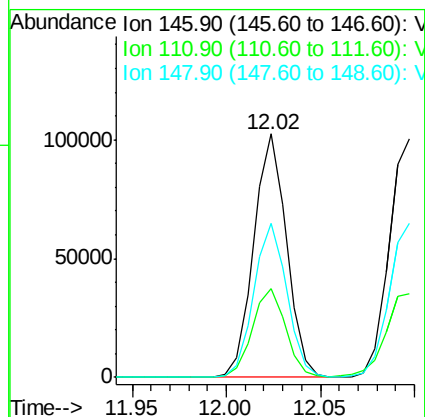
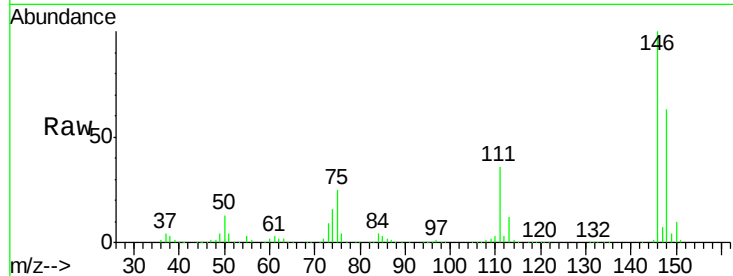
#87
 1,3-Dichlorobenzene
 Concen: 17.020 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.1
148	63.7	32.5	97.4

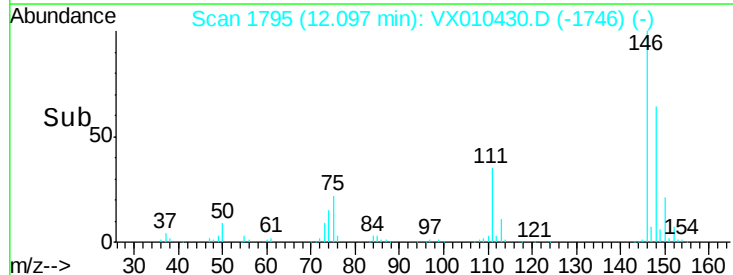
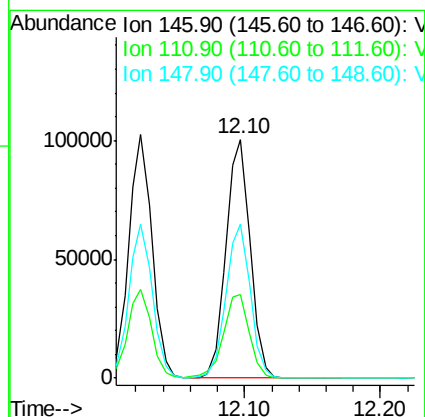
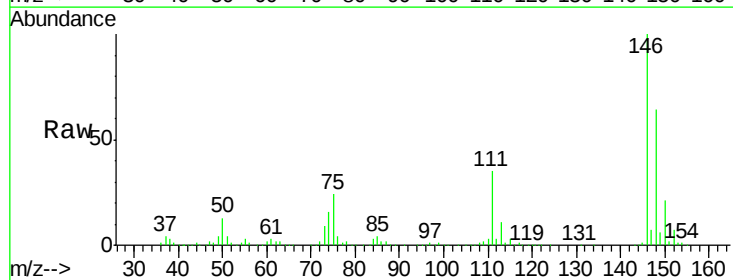
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#88
 1,4-Dichlorobenzene
 Concen: 16.696 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.3
148	65.0	32.1	96.3





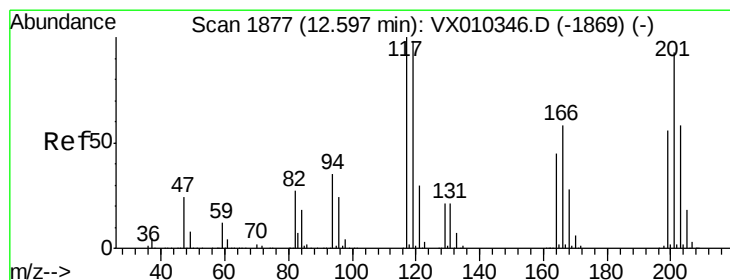
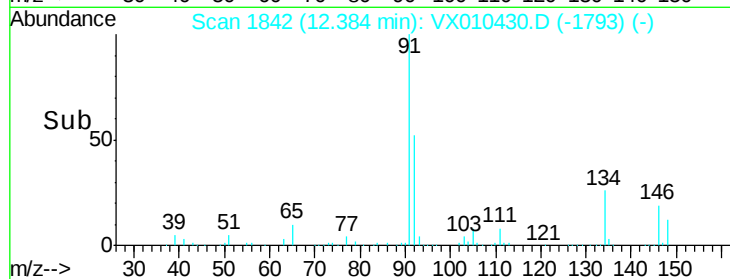
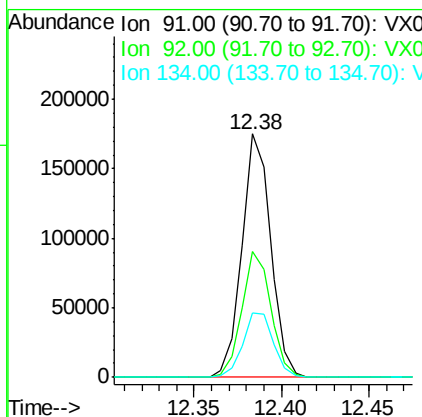
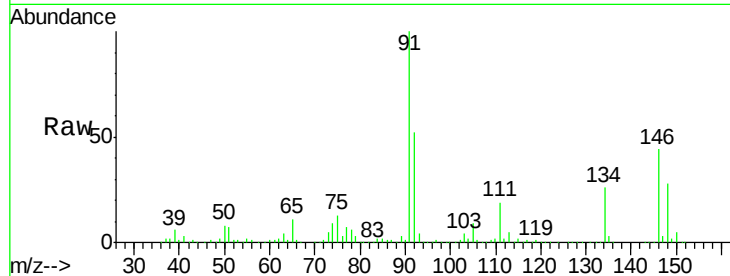
#89
n-Butylbenzene
Concen: 17.601 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.2	78.5
134	28.1	14.1	42.4

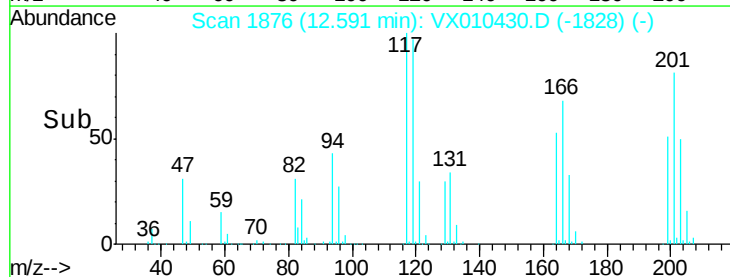
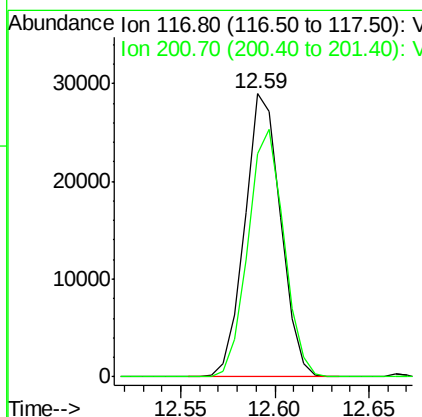
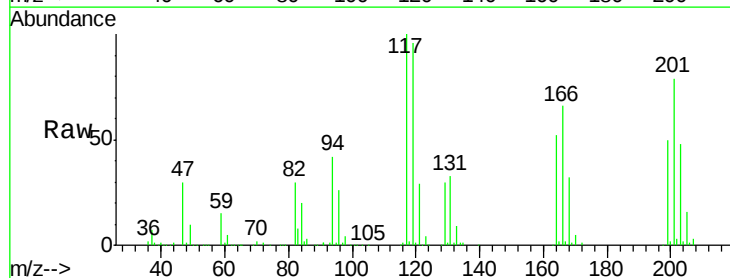
Manual Integrations
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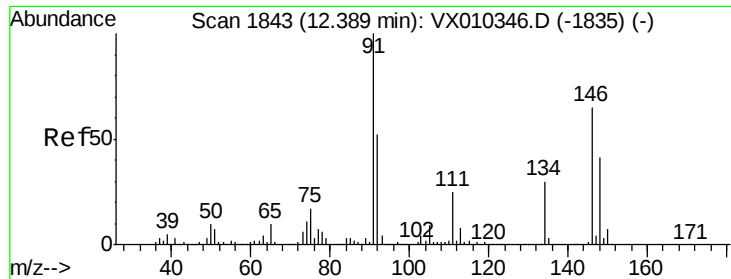
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#90
Hexachloroethane
Concen: 16.523 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010430.D
Acq: 25 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	44.0	131.8





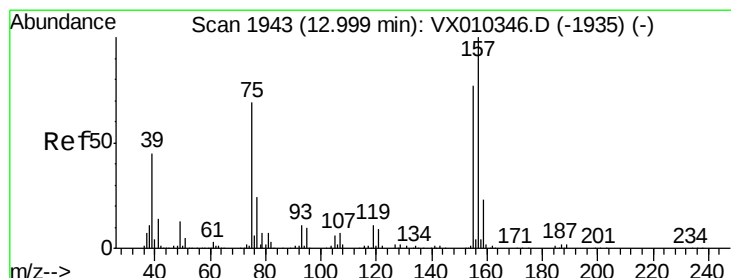
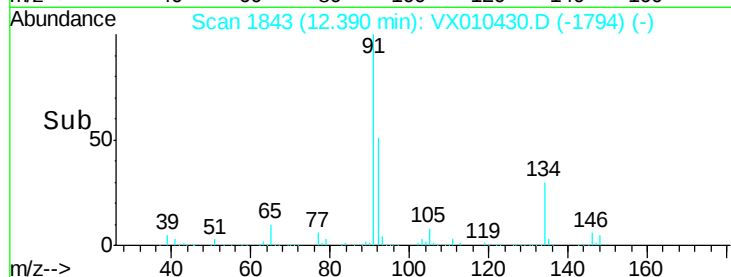
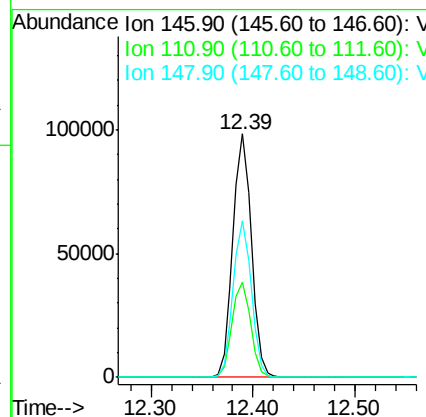
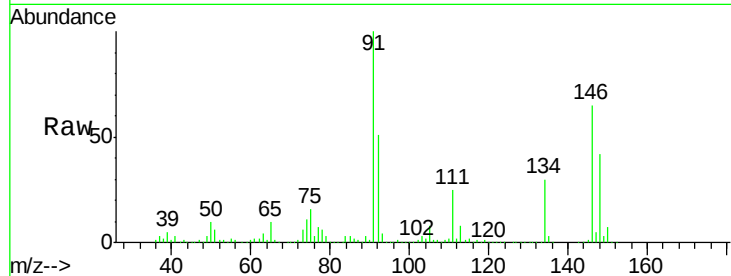
#91
 1,2-Dichlorobenzene
 Concen: 17.075 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	123452		
111	39.1	19.2	57.6	
148	63.3	32.0	96.0	

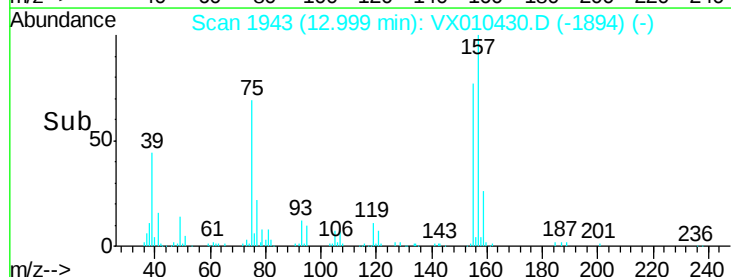
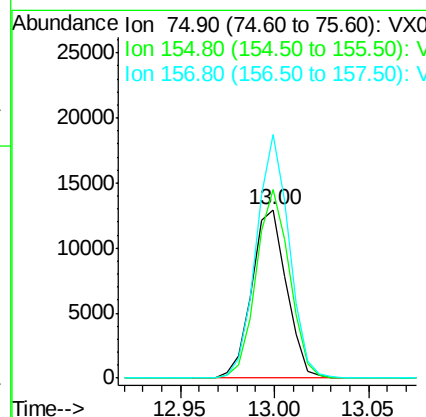
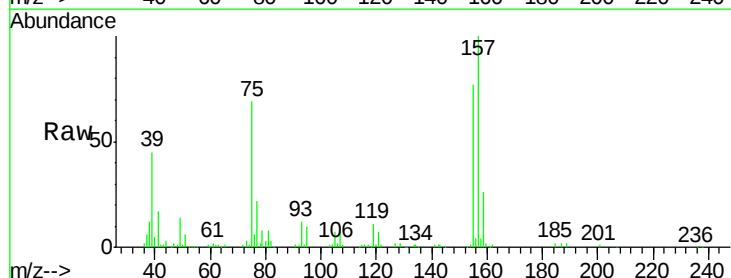
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.580 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010430.D
 Acq: 25 Jun 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16603		
155	107.5	54.4	163.1	
157	136.2	69.5	208.3	





#93

1,2,4-Trichlorobenzene

Concen: 17.309 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

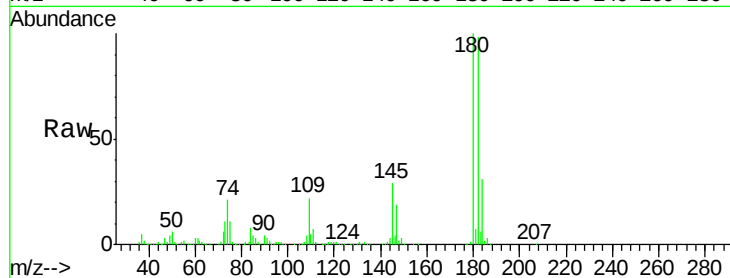
ClientSampleId :

VX0625WBSD02

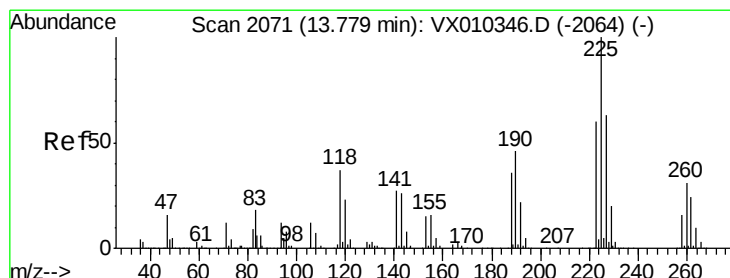
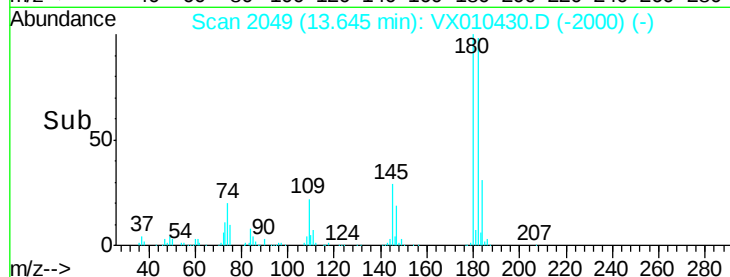
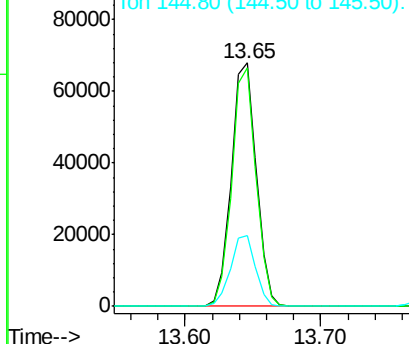
Tot Ion:	180	Resp:	86788
Ion Ratio	Lower	Upper	
180	100		
182	94.8	48.0	144.0
145	29.1	14.4	43.4

Manual Integrations
APPROVED

MMDadoda
7/1/2019 4:59:02 PM



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



#94

Hexachlorobutadiene

Concen: 16.963 ug/l

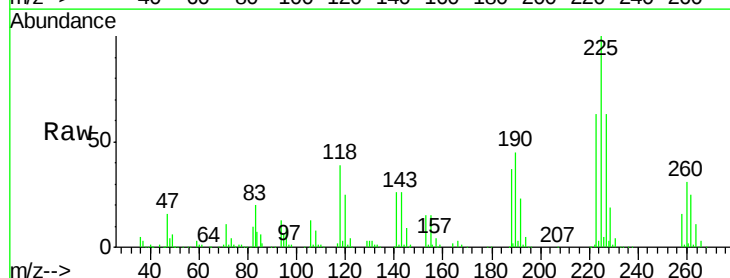
RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

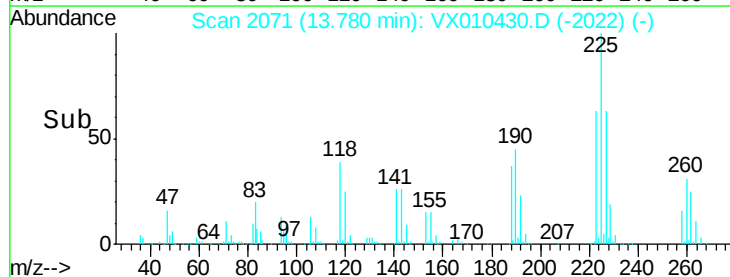
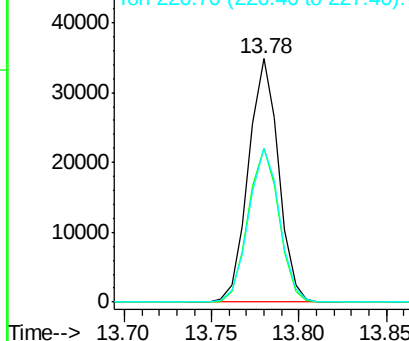
Lab File: VX010430.D

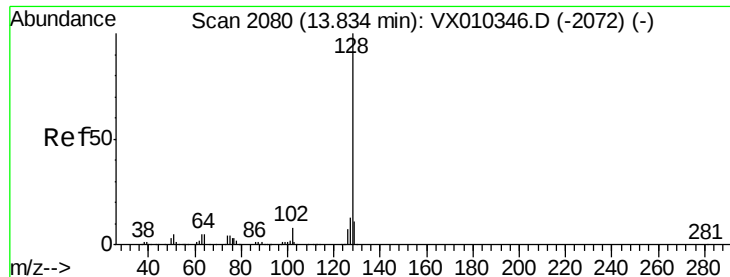
Acq: 25 Jun 2019 11:48

Tgt Ion:	225	Resp:	41567
Ion Ratio	Lower	Upper	
225	100		
223	64.8	30.9	92.7
227	65.2	31.9	95.5



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





#95

Naphthalene

Concen: 17.162 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Instrument :

MSVOA_X

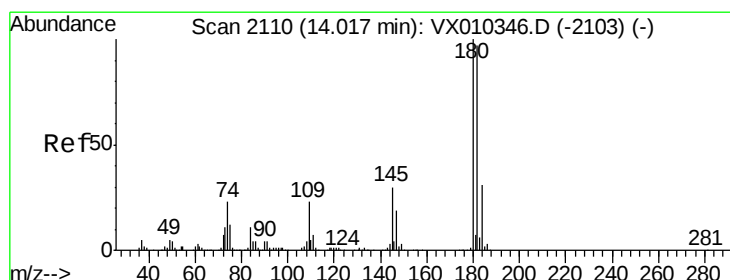
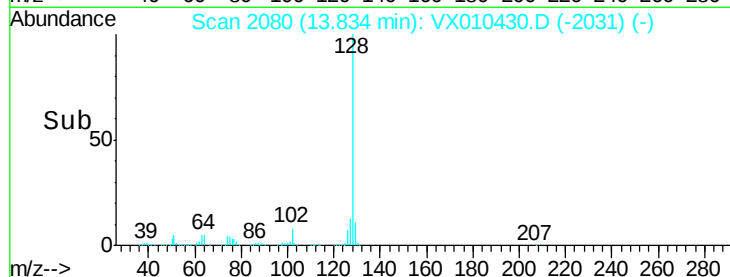
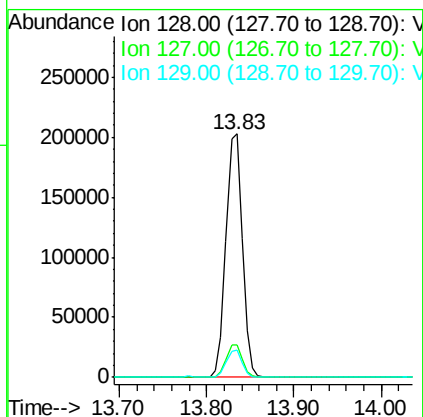
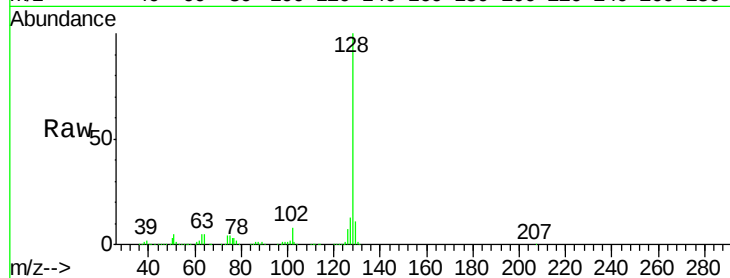
ClientSampleId :

VX0625WBSD02

Tot Ion:	128	Resp:	264439
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/1/2019 4:59:02 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.141 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010430.D

Acq: 25 Jun 2019 11:48

Tgt Ion:	180	Resp:	85450
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.8	143.3
145	31.1	15.2	45.6

