

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010277.D
 Acq On : 13 Jun 2019 16:59
 Operator : JC/SP
 Sample : VX0613WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 9:17:39 AM

Quant Time: Jun 14 04:05:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	335623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	500367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	452059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	149589	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	5.50	113	146925	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	8.71	98	554128	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.13	95	201512	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61593	19.945	ug/l	100
3) Chloromethane	1.33	50	55728	18.170	ug/l	97
4) Vinyl Chloride	1.41	62	57631	19.993	ug/l	97
5) Bromomethane	1.64	94	29213	26.857	ug/l	99
6) Chloroethane	1.72	64	32089	22.080	ug/l	96
7) Trichlorofluoromethane	1.93	101	89432	20.887	ug/l	99
8) Diethyl Ether	2.19	74	31379	21.263	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54462	18.452	ug/l	91
10) Methyl Iodide	2.51	142	80140	17.525	ug/l	96
11) Tert butyl alcohol	3.04	59	78397	97.686	ug/l	97
12) 1,1-Dichloroethene	2.37	96	53608	17.783	ug/l #	79
13) Acrolein	2.29	56	10813	73.891	ug/l	100
14) Allyl chloride	2.73	41	78917	17.342	ug/l #	88
15) Acrylonitrile	3.14	53	156251	95.253	ug/l	99
16) Acetone	2.45	43	143239	92.960	ug/l #	89
17) Carbon Disulfide	2.57	76	133523	15.329	ug/l	98
18) Methyl Acetate	2.78	43	66582	19.648	ug/l #	85
19) Methyl tert-butyl Ether	3.20	73	179214	18.504	ug/l	92
20) Methylene Chloride	2.85	84	61586	18.199	ug/l #	81
21) trans-1,2-Dichloroethene	3.17	96	56520	16.942	ug/l #	80
22) Diisopropyl ether	3.85	45	165630	19.037	ug/l #	93
23) Vinyl Acetate	3.81	43	716211	92.277	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	95582	18.094	ug/l	94
25) 2-Butanone	4.67	43	218831	95.372	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	81079	16.825	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	69002	18.592	ug/l	77
28) Bromochloromethane	5.02	49	33293	14.063	ug/l #	51
29) Tetrahydrofuran	5.13	42	133949	92.892	ug/l #	74
30) Chloroform	5.21	83	101282	18.462	ug/l	99
31) Cyclohexane	5.58	56	84197	17.661	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	90289	17.507	ug/l #	94
36) 1,1-Dichloropropene	5.80	75	71494	17.513	ug/l	92
37) Ethyl Acetate	4.83	43	79678	18.759	ug/l #	90
38) Carbon Tetrachloride	5.79	117	78784	17.051	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94307	16.966	ug/l #	81
40) Benzene	6.14	78	234344	18.565	ug/l	99
41) Methacrylonitrile	5.04	41	41733	18.164	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	72354	17.954	ug/l	94
43) Isopropyl Acetate	6.45	43	129270	18.203	ug/l #	88
44) Trichloroethene	7.21	130	68401	17.977	ug/l	88
45) 1,2-Dichloropropane	7.51	63	58973	18.666	ug/l	97
46) Dibromomethane	7.66	93	41910	17.706	ug/l	91
47) Bromodichloromethane	7.90	83	76802	17.364	ug/l #	98
48) Methyl methacrylate	7.77	41	60451	18.201	ug/l #	77
49) 1,4-Dioxane	7.74	88	32708	345.411	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	416764	98.234	ug/l	91
52) Toluene	8.79	92	151491	18.257	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	86219	16.853	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	94494	17.229	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	63957	18.820	ug/l	96
56) Ethyl methacrylate	9.18	69	98868	18.418	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	98925	18.491	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	233268	92.177	ug/l #	86
59) 2-Hexanone	9.49	43	324592	95.958	ug/l	88
60) Dibromochloromethane	9.58	129	68525	17.048	ug/l	99
61) 1,2-Dibromoethane	9.67	107	67764	17.904	ug/l	97
64) Tetrachloroethene	9.34	164	66314	19.751	ug/l	98
65) Chlorobenzene	10.14	112	172931	18.535	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	64137	17.875	ug/l	98
67) Ethyl Benzene	10.25	91	293079	18.452	ug/l	95
68) m/p-Xylenes	10.36	106	226505	36.852	ug/l	90
69) o-Xylene	10.69	106	112346	18.388	ug/l	88
70) Styrene	10.71	104	189992	18.361	ug/l	95
71) Bromoform	10.85	173	55408	16.798	ug/l #	98
73) Isopropylbenzene	11.02	105	293818	17.998	ug/l	95
74) N-amyl acetate	10.90	43	117473	18.204	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.27	83	99957	17.887	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	82246m	17.583	ug/l	
77) Bromobenzene	11.26	156	81844	18.231	ug/l	79
78) n-propylbenzene	11.36	91	330277	18.173	ug/l	95
79) 2-Chlorotoluene	11.42	91	192631	17.648	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	244931	17.813	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	32656	15.425	ug/l	88
82) 4-Chlorotoluene	11.51	91	221636	17.875	ug/l	91
83) tert-Butylbenzene	11.77	119	247582	17.790	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	249547	17.968	ug/l	96
85) sec-Butylbenzene	11.94	105	289931	17.882	ug/l	96
86) p-Isopropyltoluene	12.06	119	269923	18.211	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	143471	18.144	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	146356	18.360	ug/l	97
89) n-Butylbenzene	12.38	91	234528	18.382	ug/l	97
90) Hexachloroethane	12.60	117	45661	15.464	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	145147	18.881	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21167	16.097	ug/l	64

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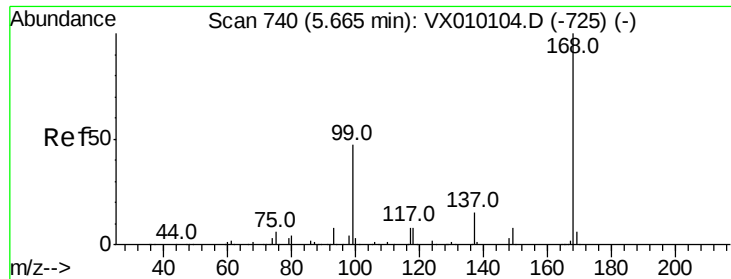
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104463	18.564	ug/l	99
94) Hexachlorobutadiene	13.78	225	47132	18.833	ug/l	100
95) Naphthalene	13.83	128	335130	18.919	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	103170	18.543	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion:168 Resp: 335623

Ion Ratio Lower Upper

168 100

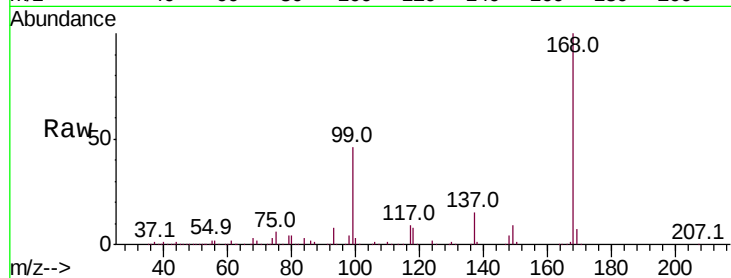
99 45.7 43.0 64.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

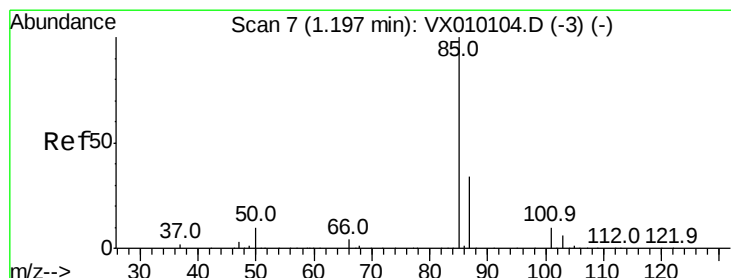
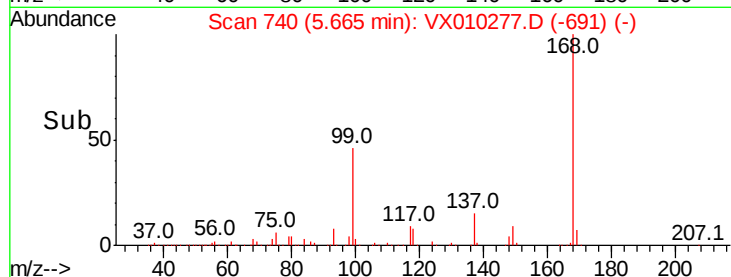
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.945 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010277.D

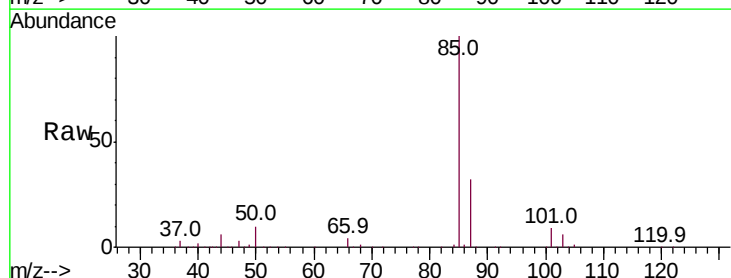
Acq: 13 Jun 2019 16:59

Tgt Ion: 85 Resp: 61593

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

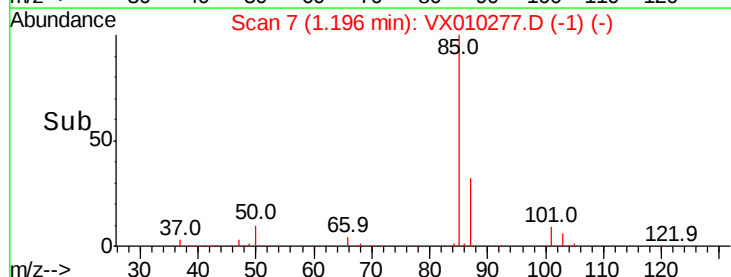
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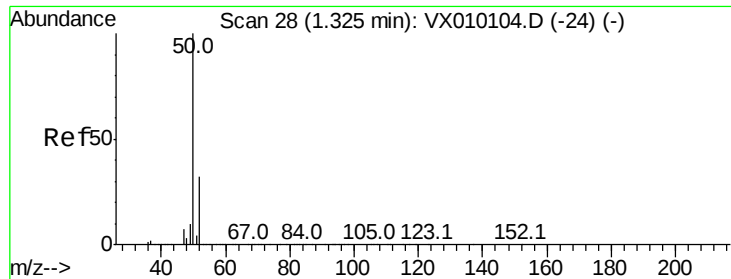
40000

20000

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Time-->





#3

Chloromethane

Concen: 18.170 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 50 Resp: 55728

Ion Ratio Lower Upper

50 100

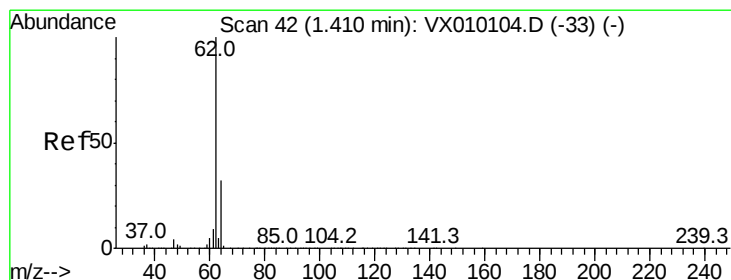
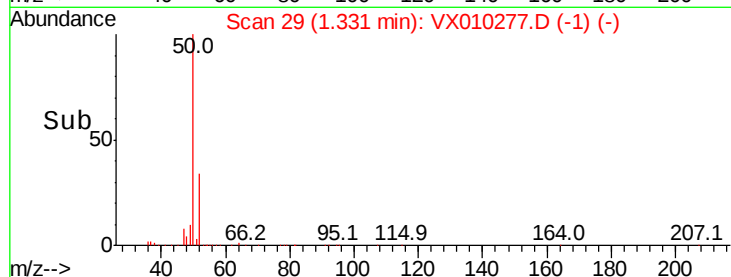
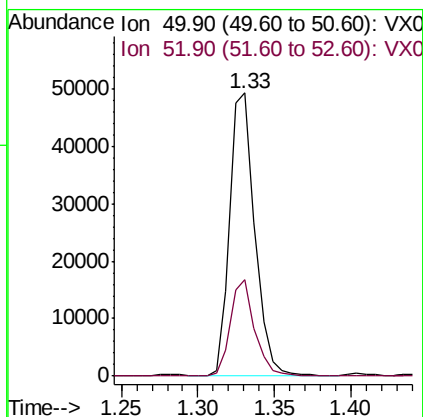
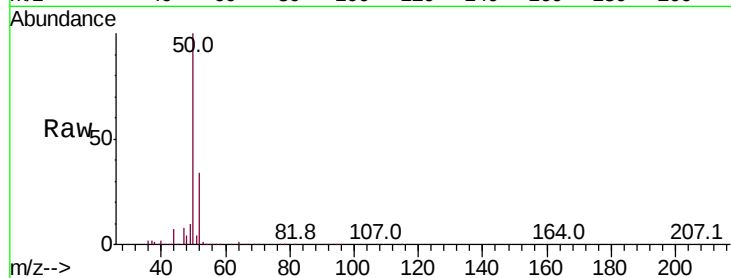
52 34.2 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.993 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010277.D

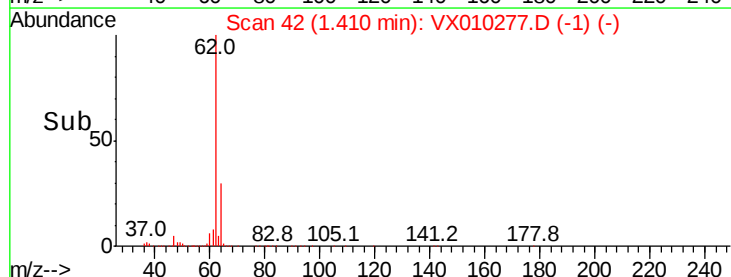
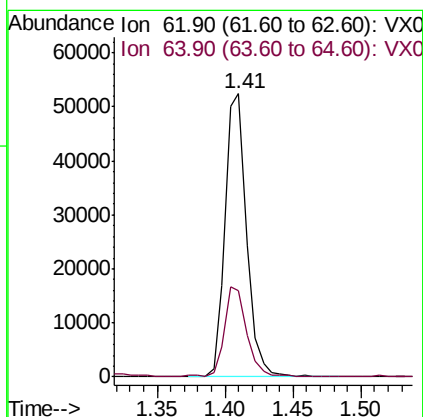
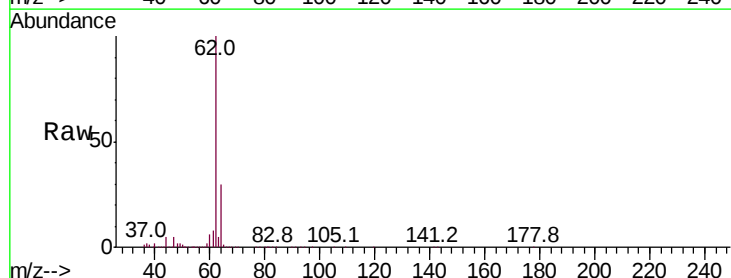
Acq: 13 Jun 2019 16:59

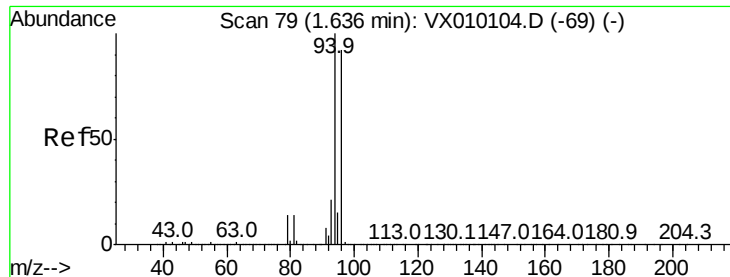
Tgt Ion: 62 Resp: 57631

Ion Ratio Lower Upper

62 100

64 30.2 25.7 38.5





#5

Bromomethane

Concen: 26.857 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 94 Resp: 29213

Ion Ratio Lower Upper

94 100

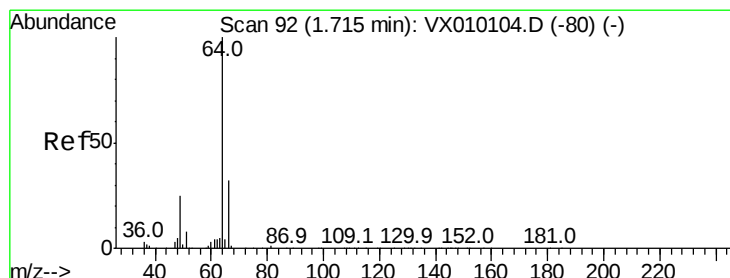
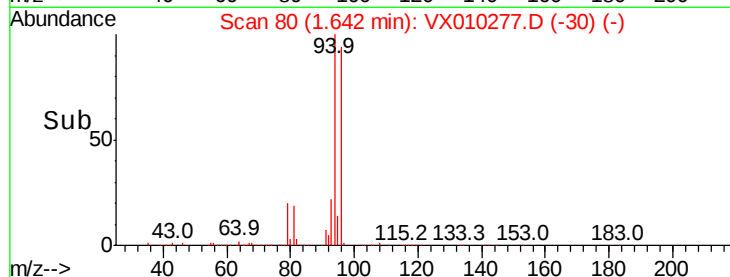
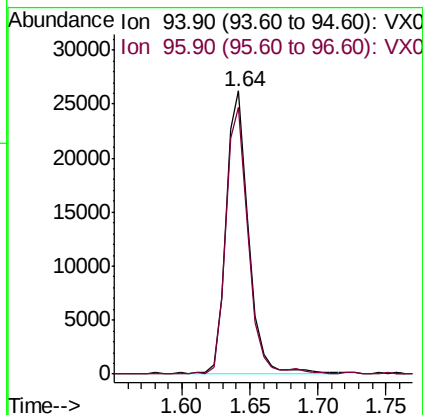
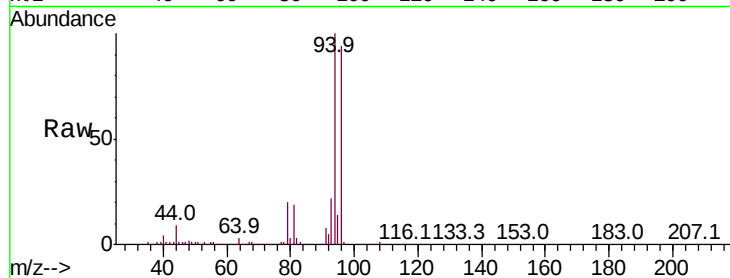
96 94.2 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 22.080 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010277.D

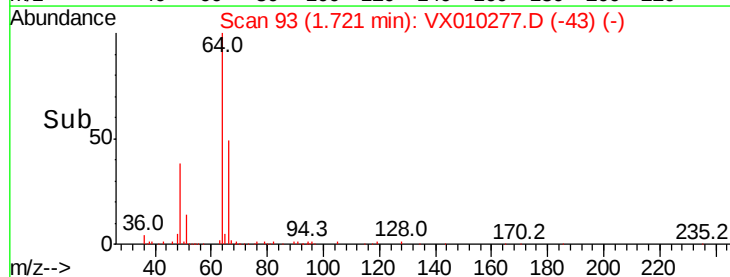
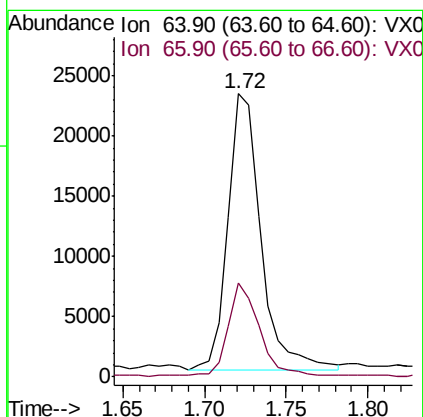
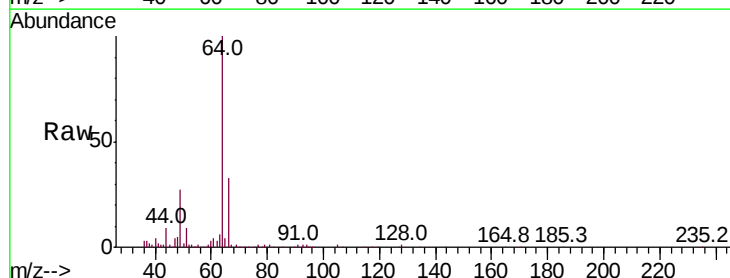
Acq: 13 Jun 2019 16:59

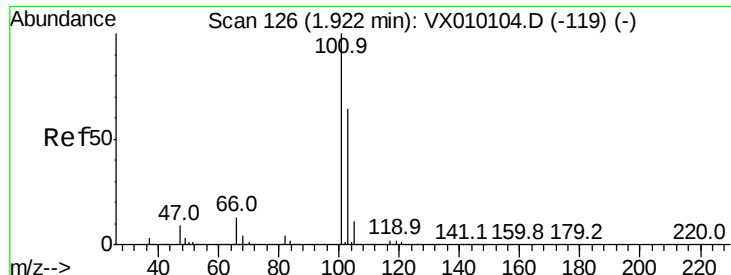
Tgt Ion: 64 Resp: 32089

Ion Ratio Lower Upper

64 100

66 33.4 25.1 37.7





#7

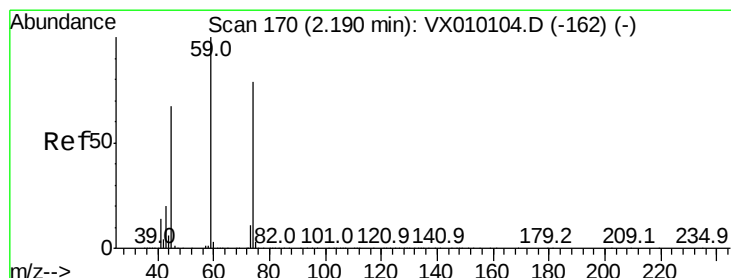
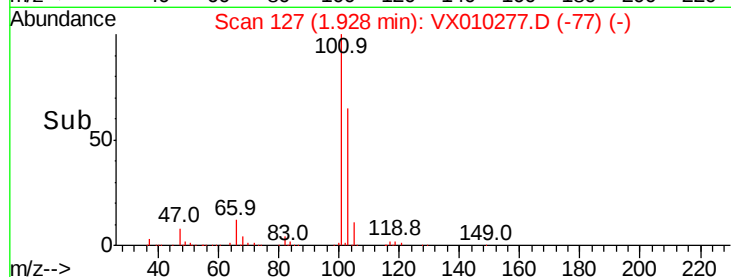
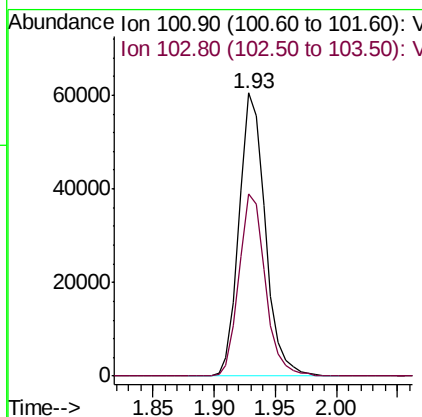
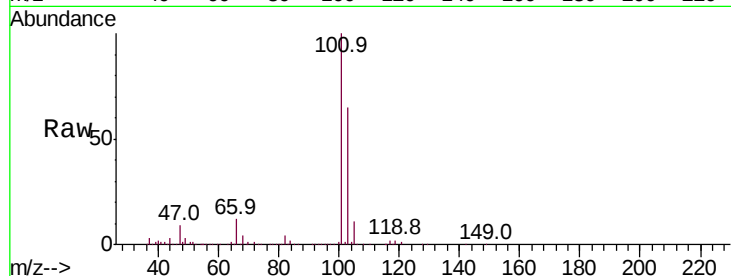
Trichlorofluoromethane
 Concen: 20.887 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX010277.D
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 VX0613WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		89432		
103	64.5	52.2	78.4		

Manual Integrations
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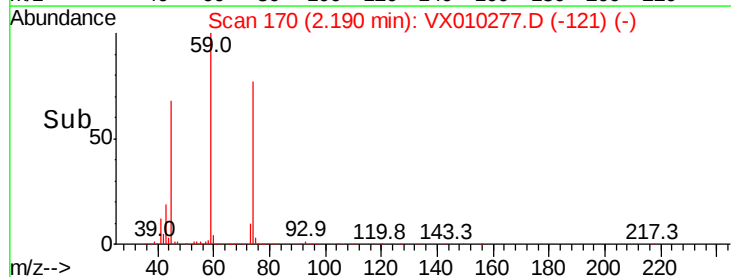
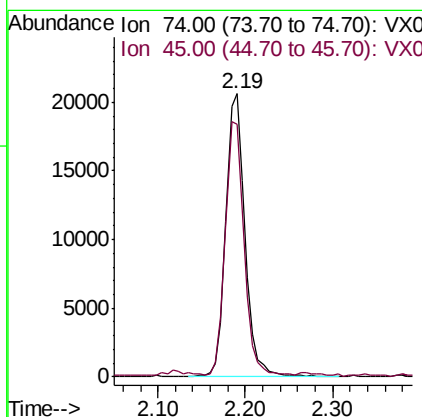
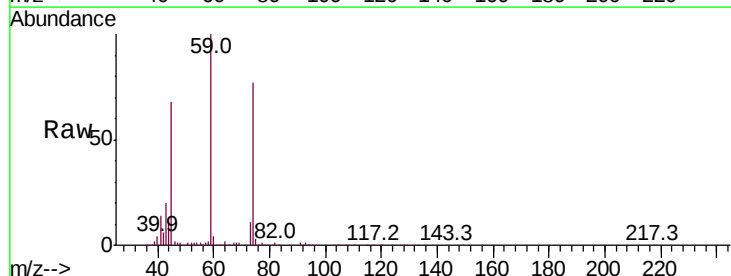
MMDadoda
 6/14/2019 9:17:39 AM

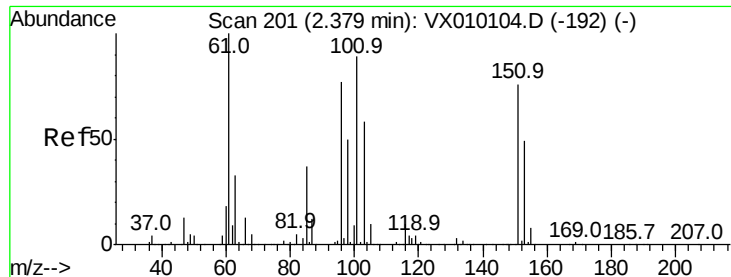


#8

Diethyl Ether
 Concen: 21.263 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		31379		
45	86.8	56.1	168.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.452 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

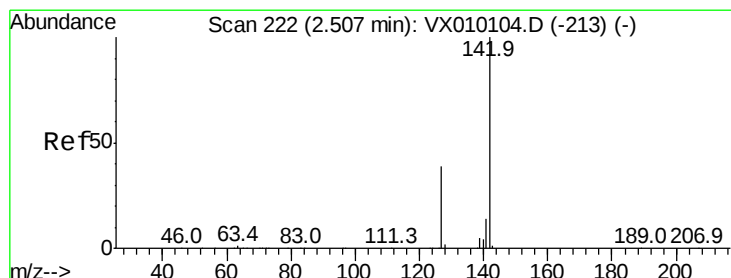
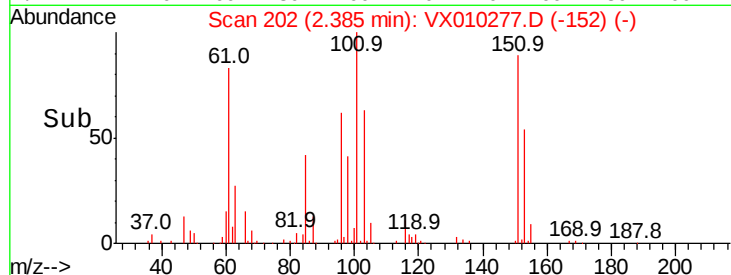
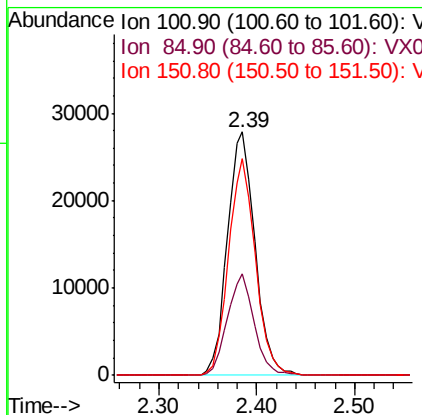
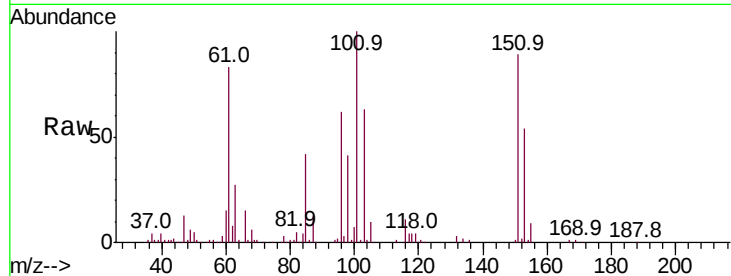
ClientSampled :

VX0613WBSD01

Tot Ion:	101	Resp:	54462
Ion Ratio	Lower	Upper	
101	100		
85	40.6	35.2	52.8
151	87.0	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 17.525 ug/l

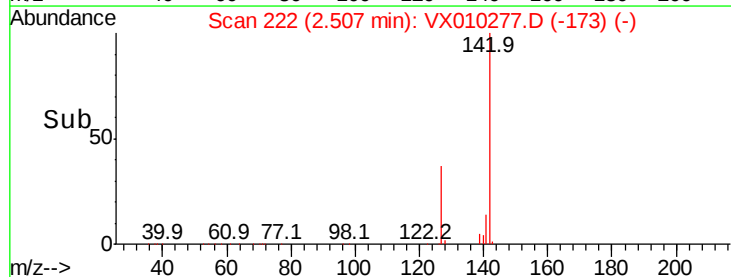
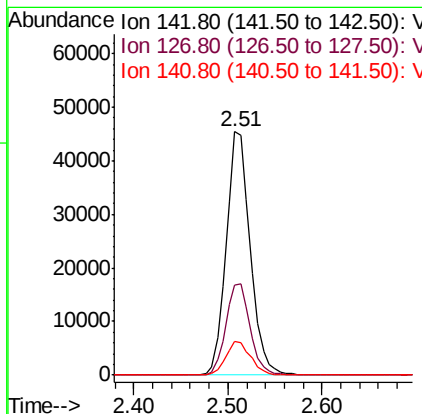
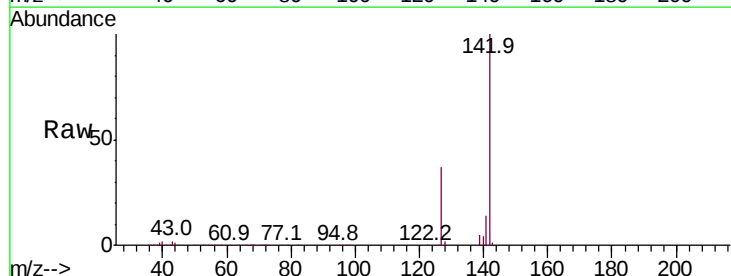
RT: 2.51 min Scan# 222

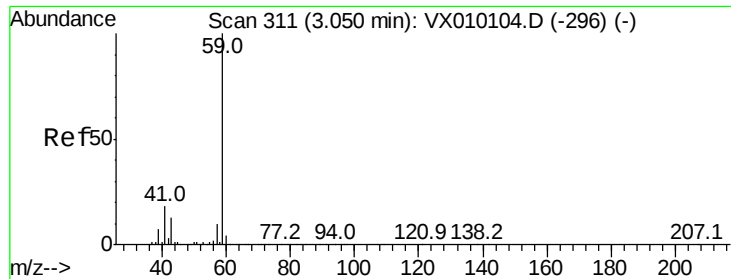
Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion:	142	Resp:	80140
Ion Ratio	Lower	Upper	
142	100		
127	38.1	33.0	49.4
141	14.0	11.4	17.0





#11

Tert butyl alcohol

Concen: 97.686 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010277.D

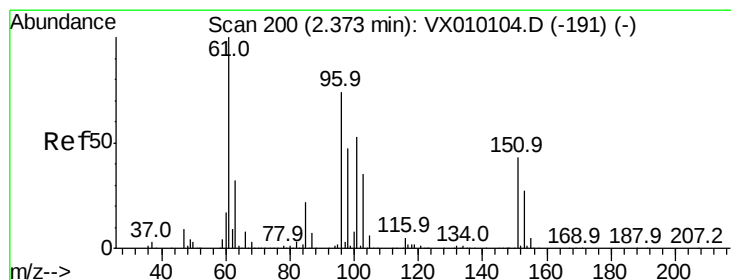
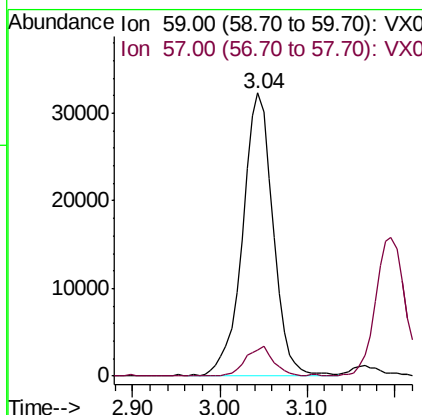
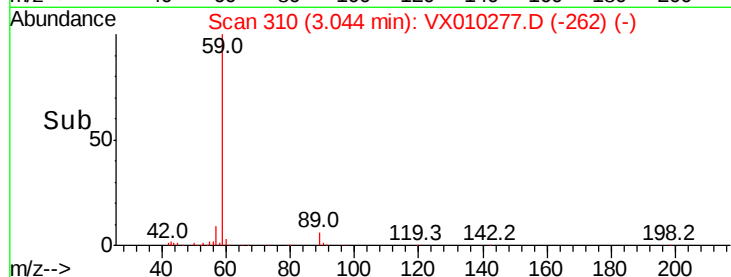
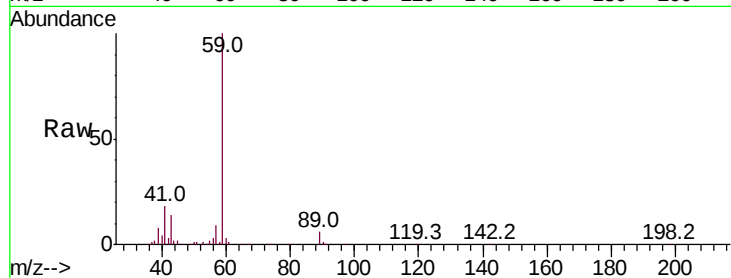
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	8.2	12.2

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#12

1,1-Dichloroethene

Concen: 17.783 ug/l

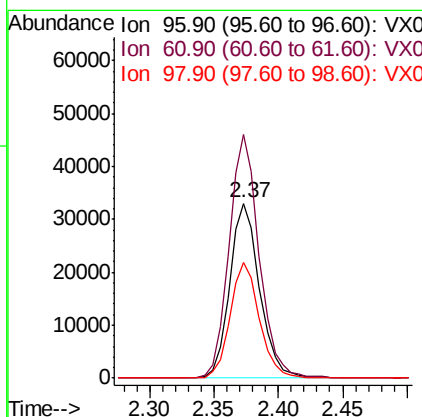
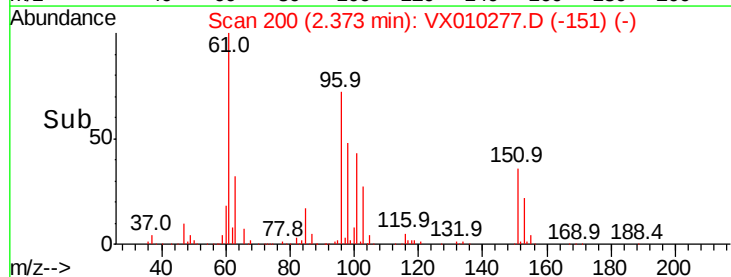
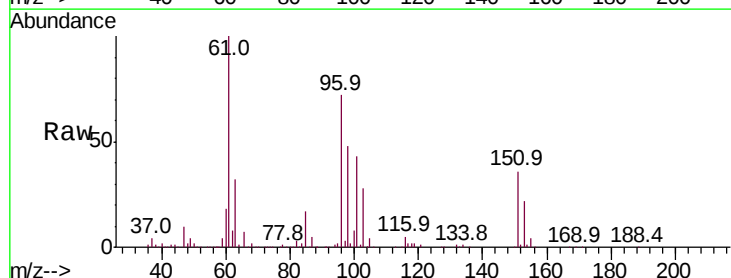
RT: 2.37 min Scan# 200

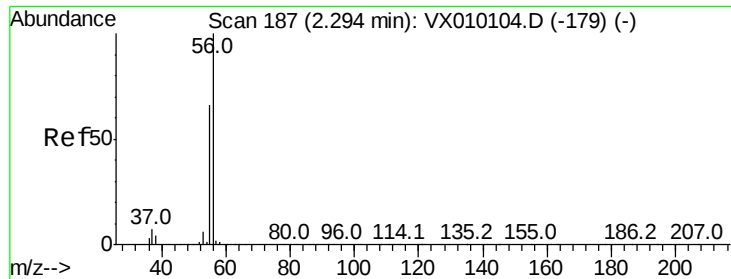
Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.9	140.7	211.1#
98	66.1	50.1	75.1





#13

Acrolein

Concen: 73.891 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 56 Resp: 10813

Ion Ratio Lower Upper

56 100

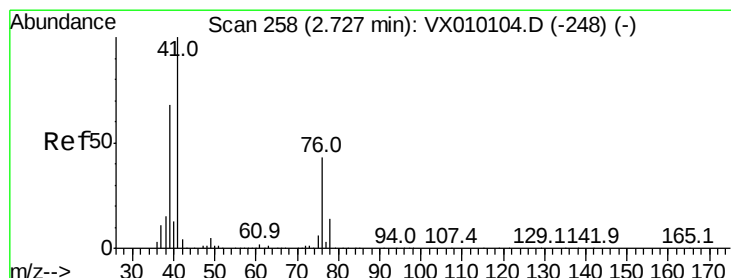
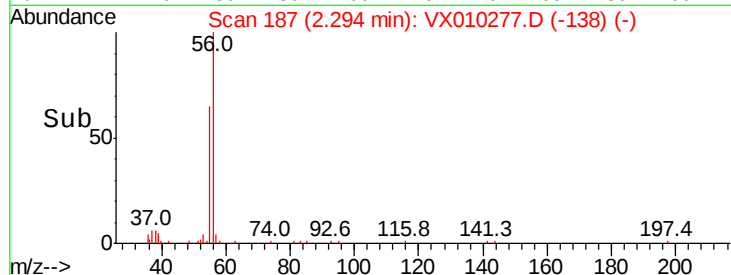
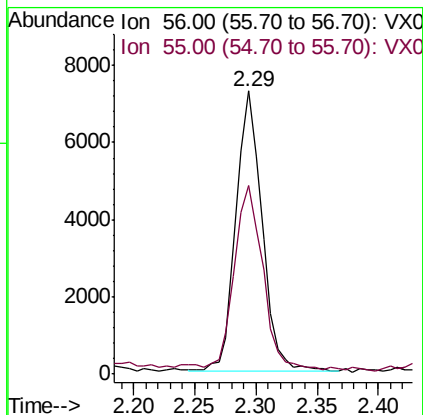
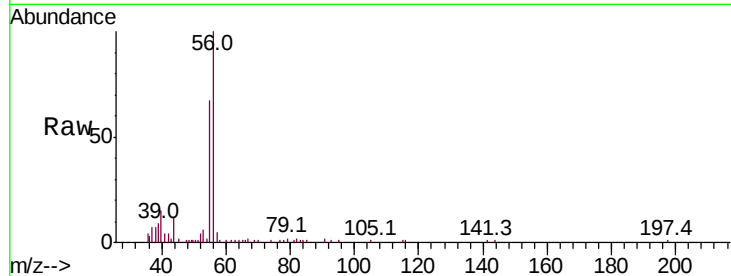
55 70.9 57.0 85.4

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#14

Allyl chloride

Concen: 17.342 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

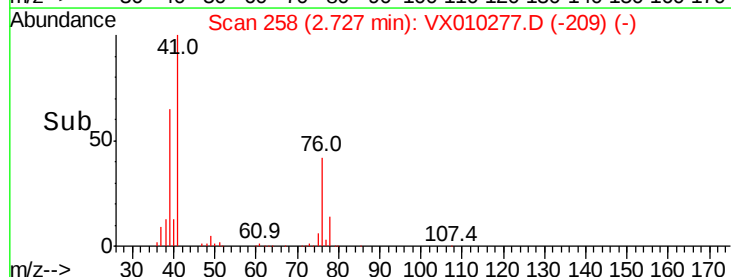
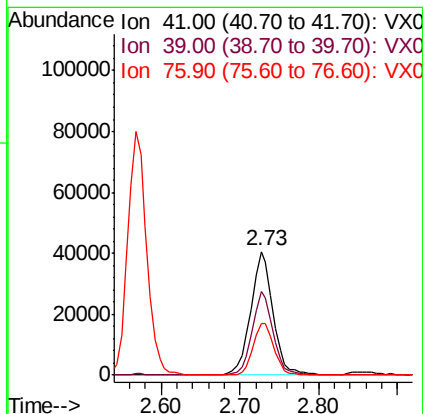
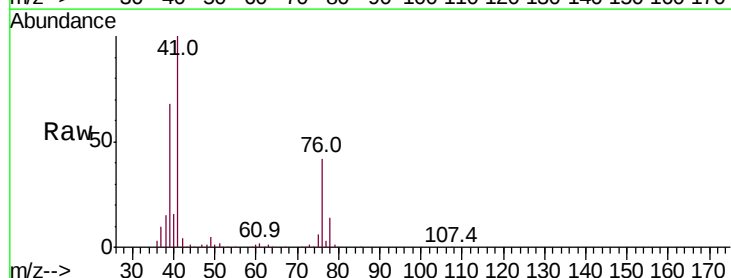
Tgt Ion: 41 Resp: 78917

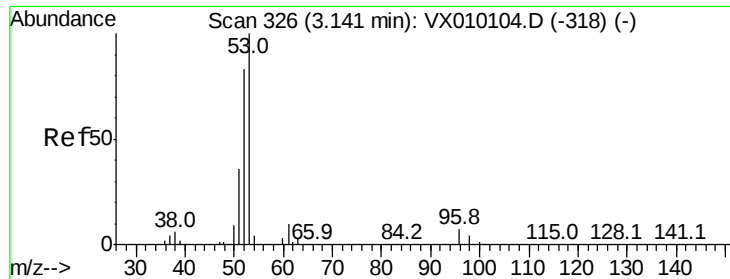
Ion Ratio Lower Upper

41 100

39 62.7 46.7 70.1

76 39.3 21.0 31.4#





#15

Acrylonitrile

Concen: 95.253 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

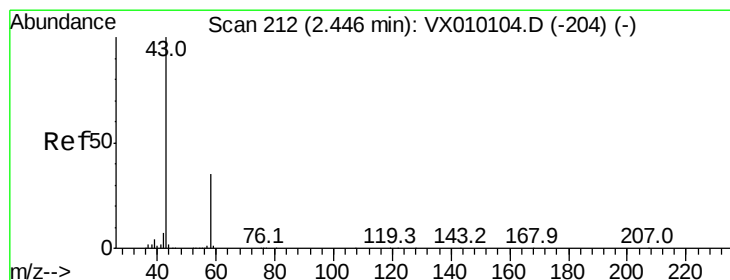
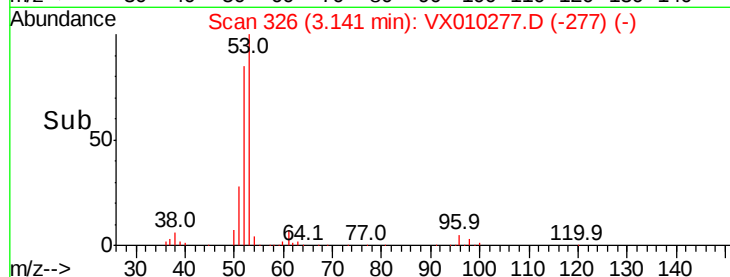
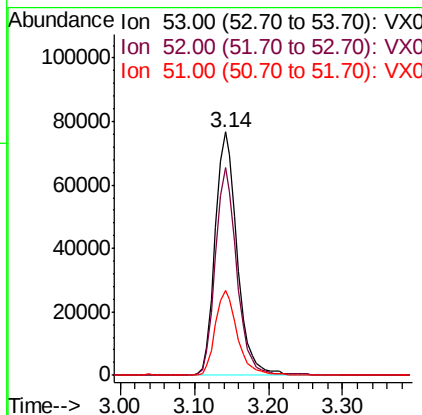
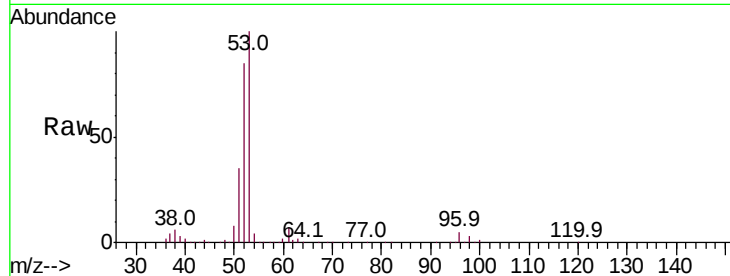
ClientSampleId :

VX0613WBSD01

Tot Ion	53	Resp	156251
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.7	100.1
51	35.0	28.8	43.2

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#16

Acetone

Concen: 92.960 ug/l

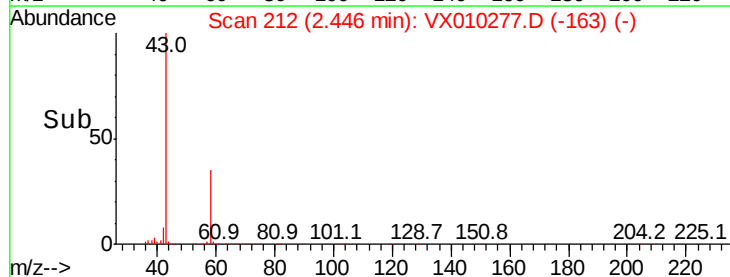
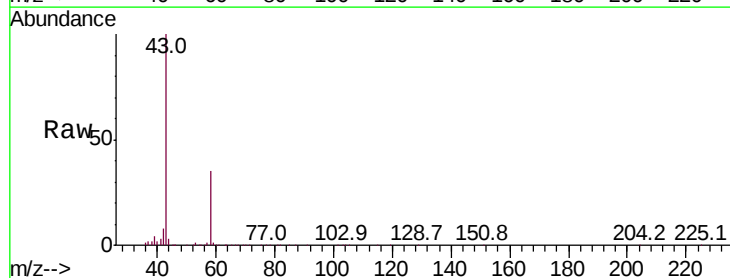
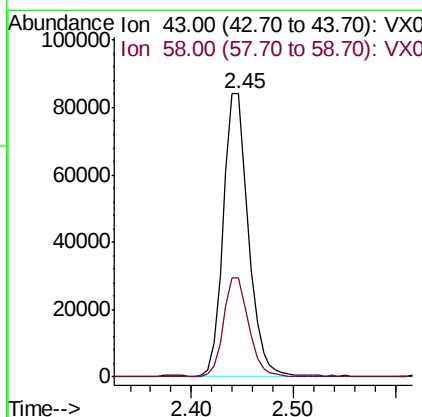
RT: 2.45 min Scan# 212

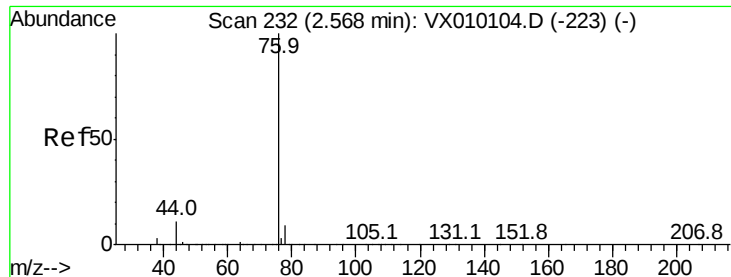
Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion	43	Resp	143239
Ion	Ratio	Lower	Upper
43	100		
58	34.9	23.2	34.8#





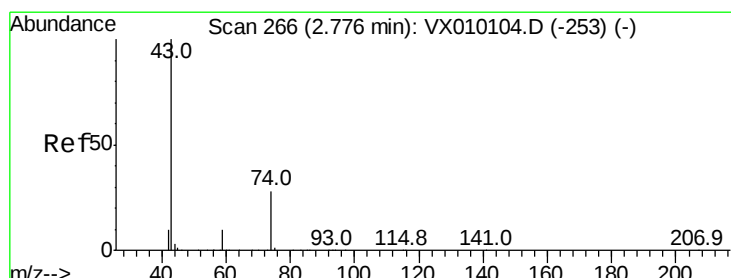
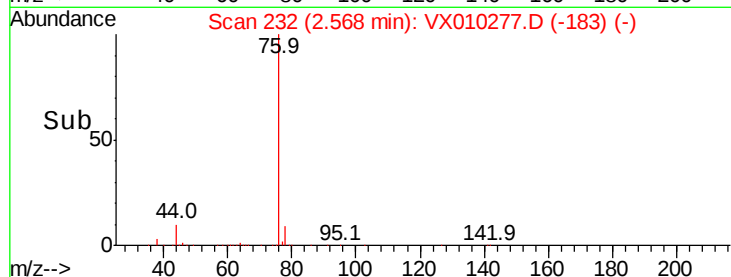
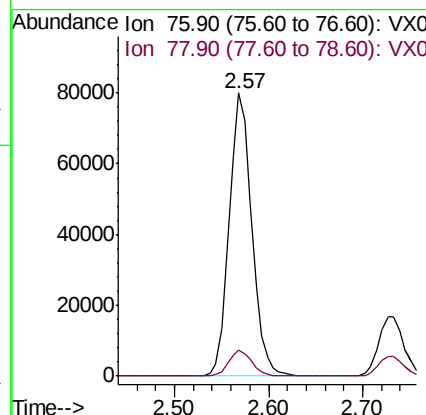
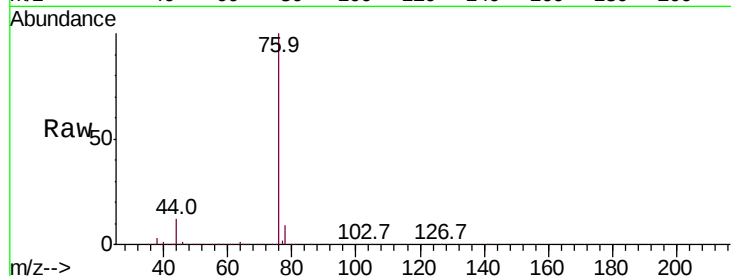
#17
Carbon Disulfide
Concen: 15.329 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

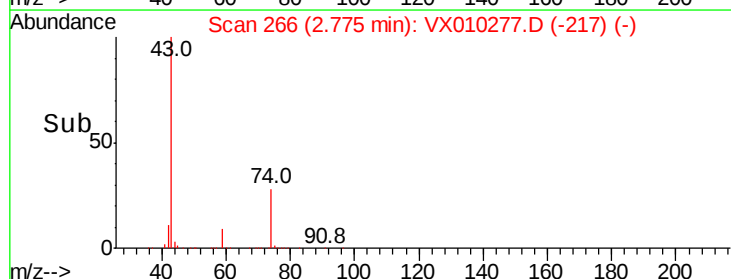
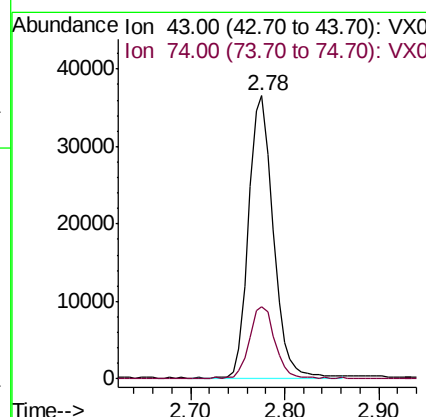
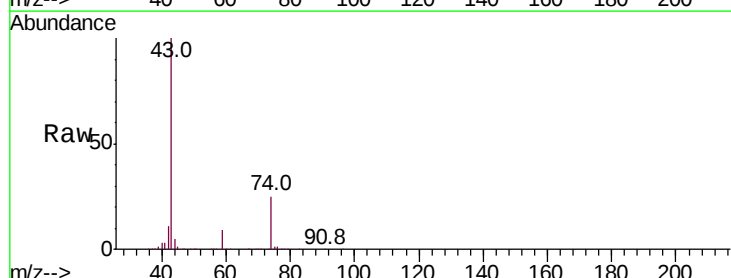
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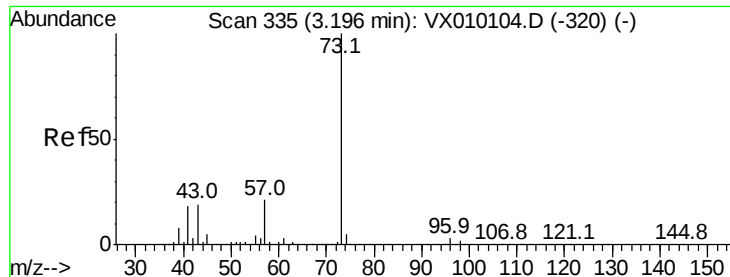
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#18
Methyl Acetate
Concen: 19.648 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	15.8	23.6#





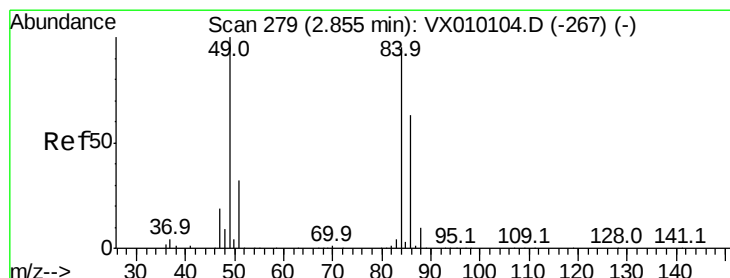
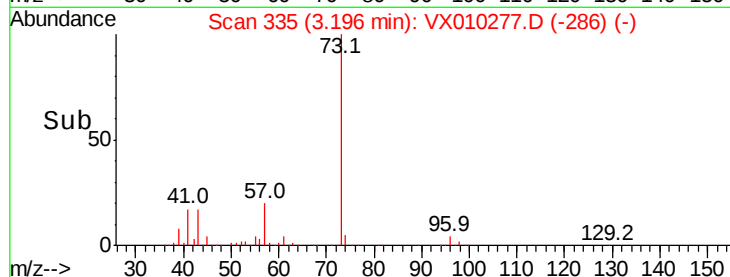
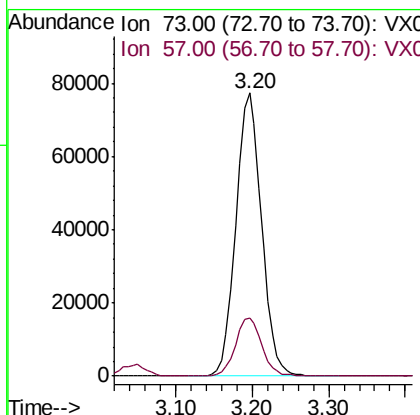
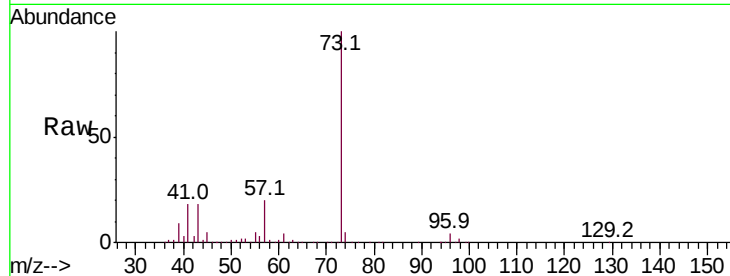
#19
Methvl tert-butvl Ether
Concen: 18.504 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion: 73 Resp: 179214
Ion Ratio Lower Upper
73 100
57 20.3 19.4 29.2

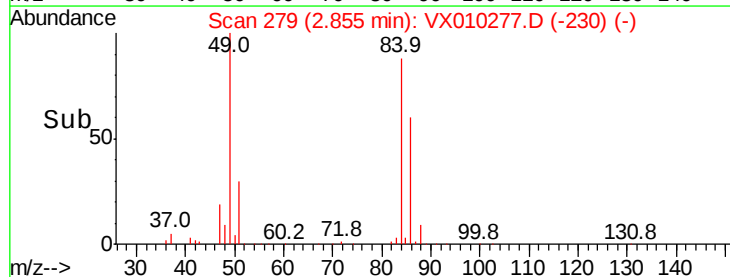
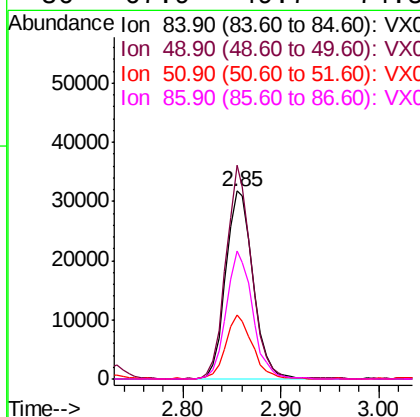
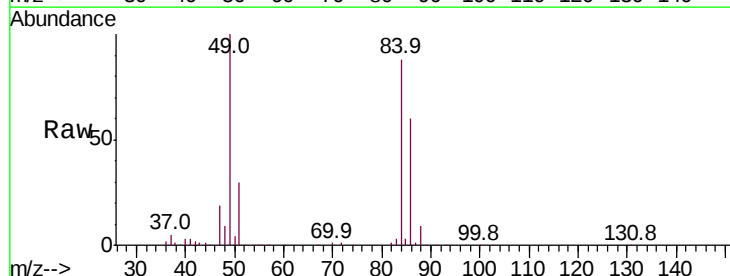
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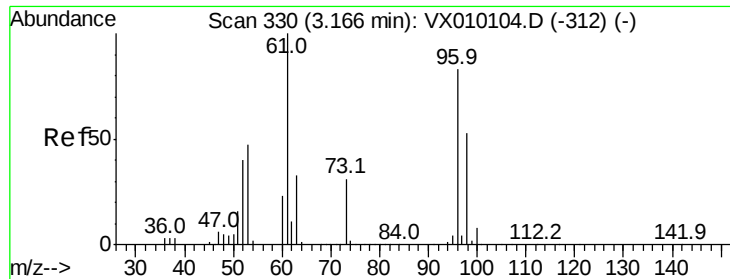
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#20
Methylene Chloride
Concen: 18.199 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion: 84 Resp: 61586
Ion Ratio Lower Upper
84 100
49 113.3 115.8 173.6#
51 34.2 34.4 51.6#
86 67.9 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 16.942 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 96 Resp: 56520

Ion Ratio Lower Upper

96 100

61 122.9 125.7 188.5#

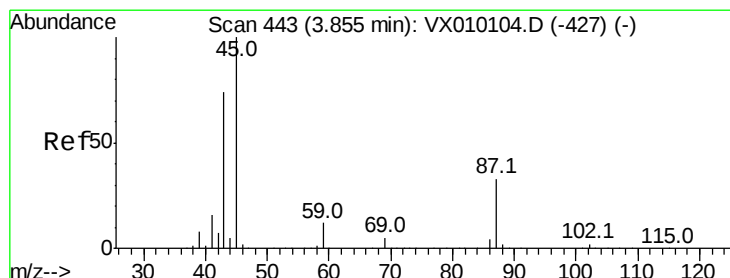
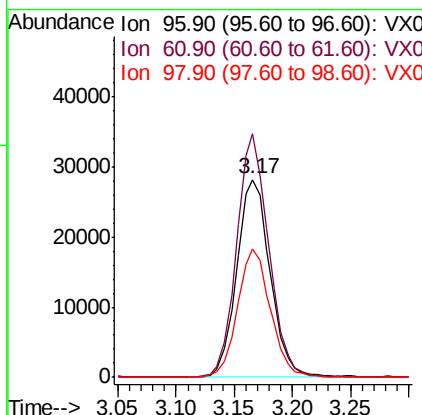
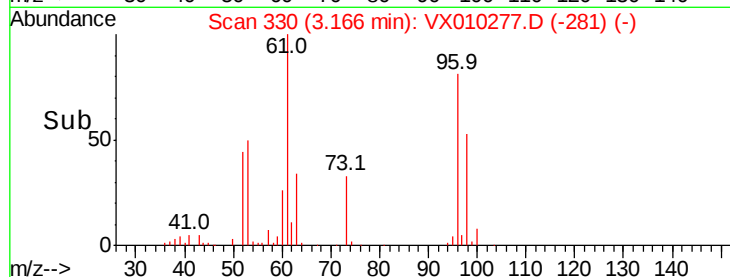
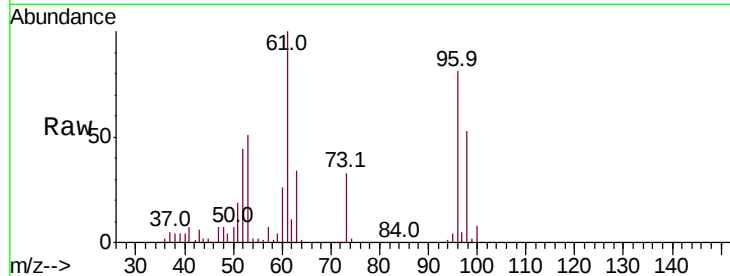
98 64.8 49.0 73.6

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#22

Diisopropyl ether

Concen: 19.037 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion: 45 Resp: 165630

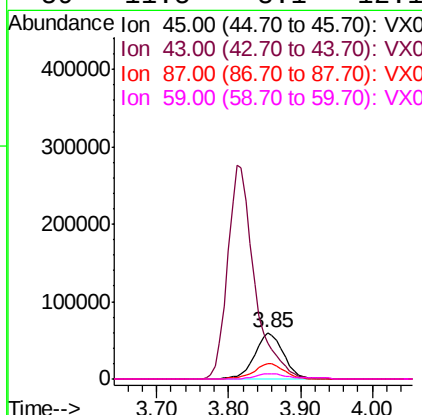
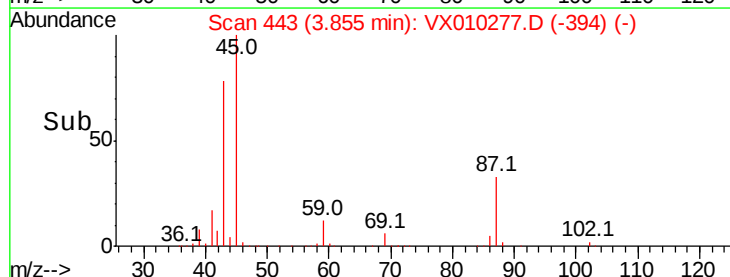
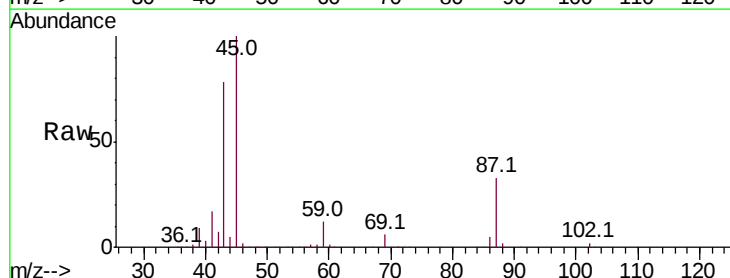
Ion Ratio Lower Upper

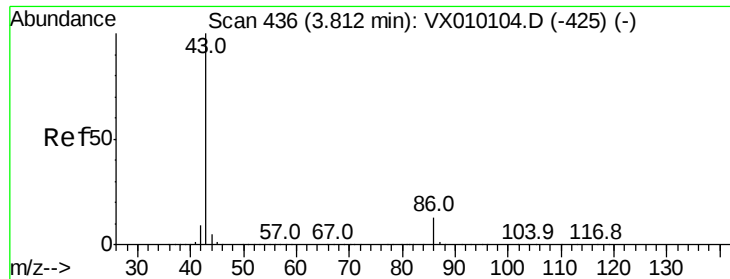
45 100

43 78.1 65.0 97.4

87 32.5 17.3 25.9#

59 11.5 8.1 12.1





#23

Vinyl Acetate

Concen: 92.277 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 43 Resp: 716211

Ion Ratio Lower Upper

43 100

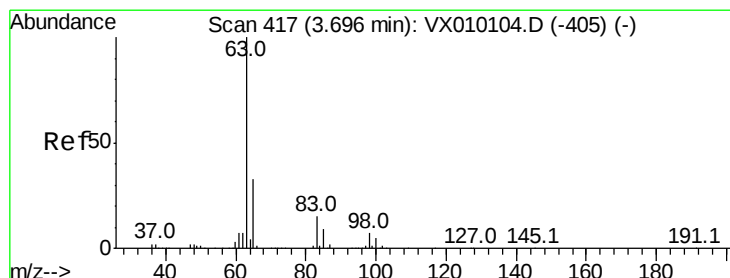
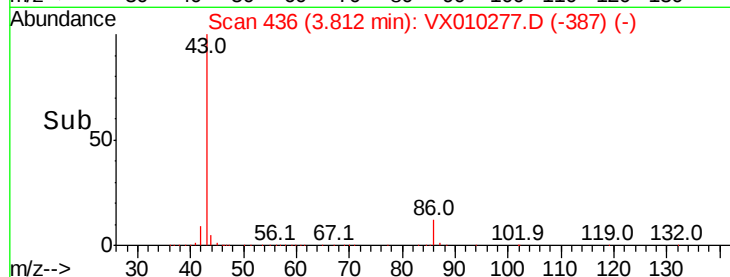
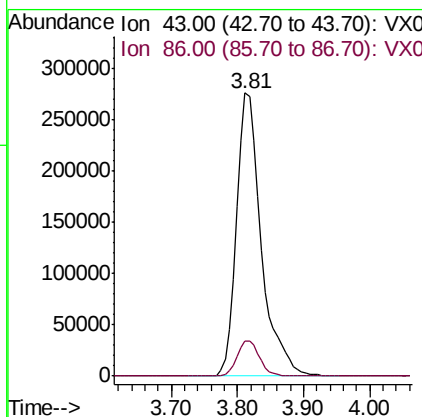
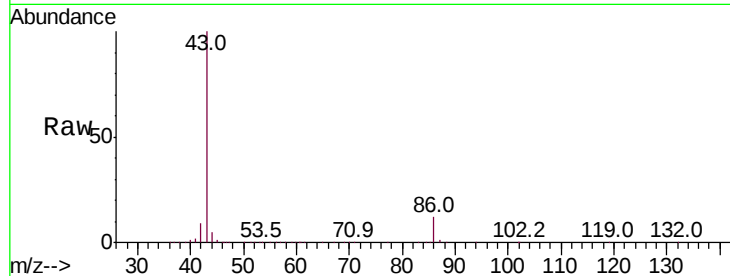
86 12.4 6.5 9.7#

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#24

1,1-Dichloroethane

Concen: 18.094 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

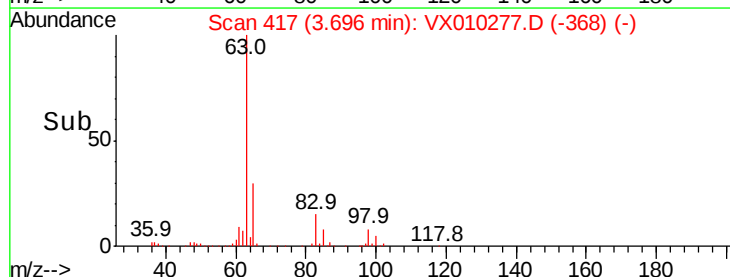
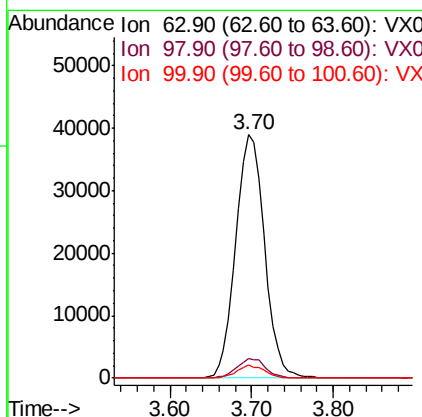
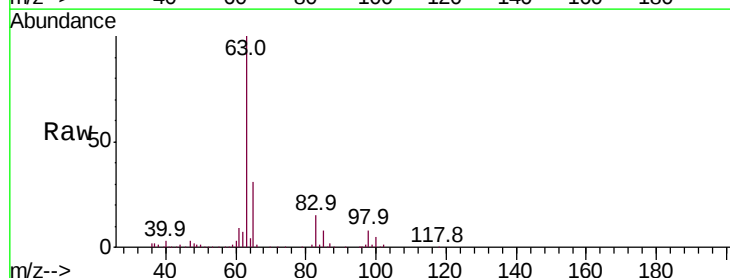
Tgt Ion: 63 Resp: 95582

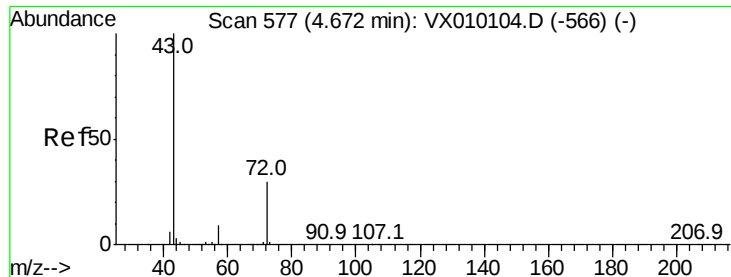
Ion Ratio Lower Upper

63 100

98 8.2 2.9 8.8

100 5.3 1.8 5.4





#25

2-Butanone

Concen: 95.372 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 43 Resp: 218831

Ion Ratio Lower Upper

43 100

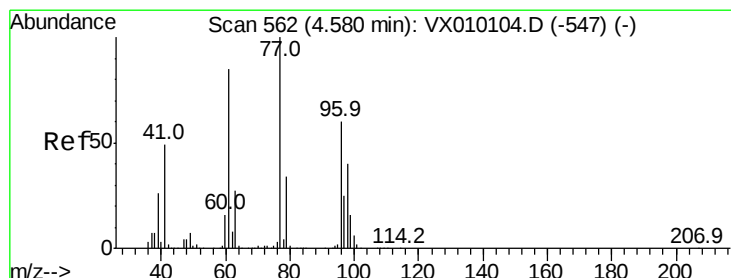
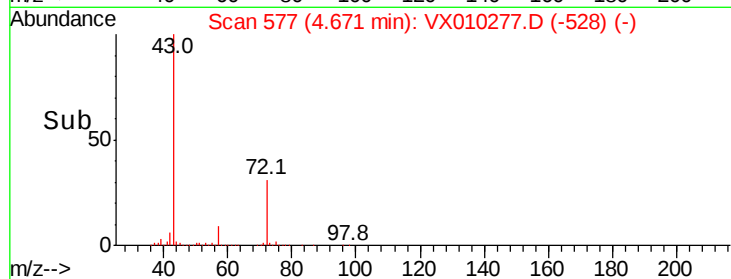
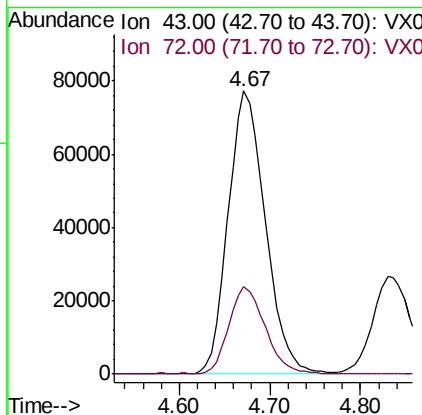
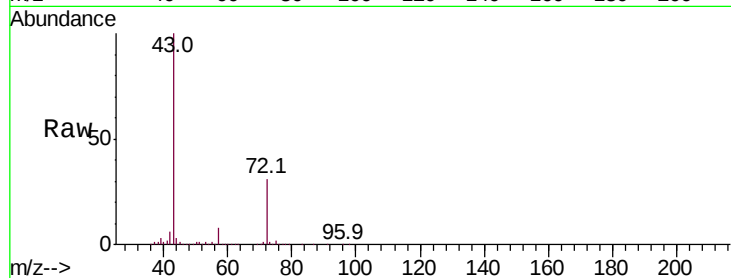
72 31.1 17.5 26.3#

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#26

2,2-Dichloropropane

Concen: 16.825 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010277.D

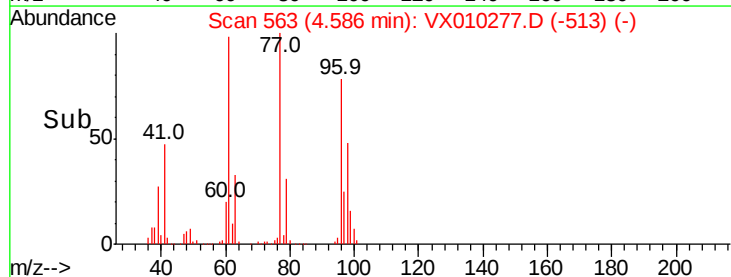
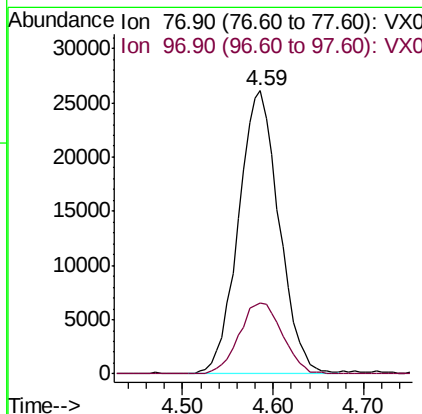
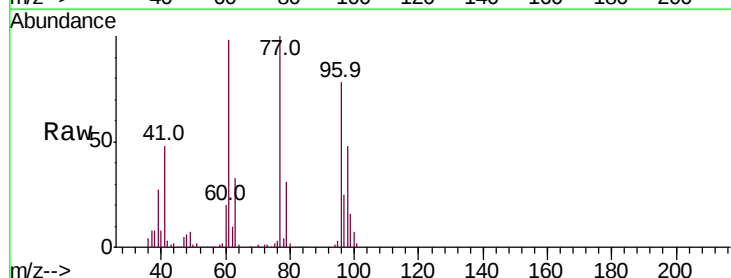
Acq: 13 Jun 2019 16:59

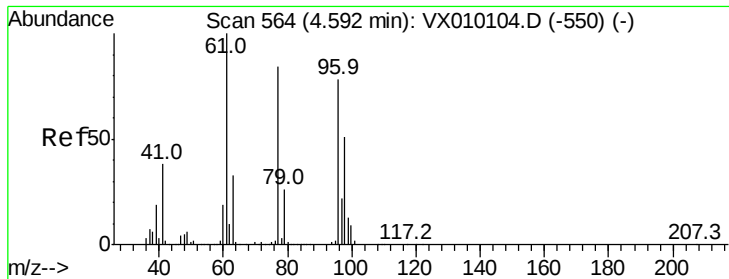
Tgt Ion: 77 Resp: 81079

Ion Ratio Lower Upper

77 100

97 26.7 11.4 34.2





#27

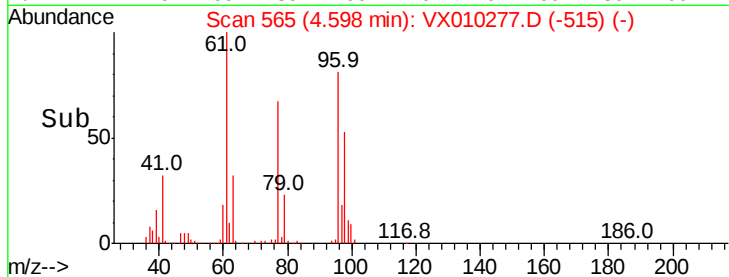
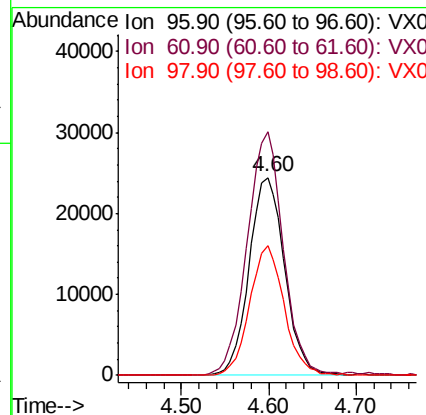
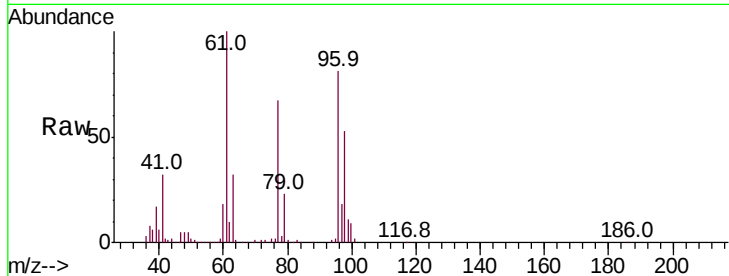
cis-1,2-Dichloroethene
Concen: 18.592 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	334.0
98	63.9	0.0	131.6

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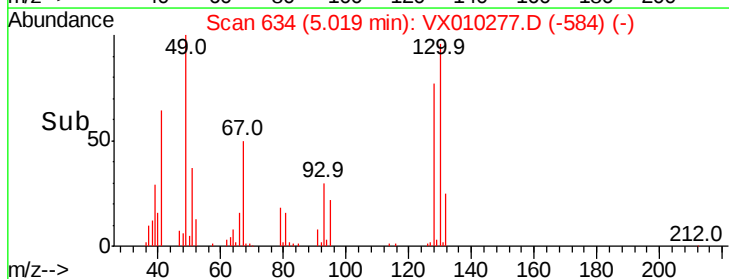
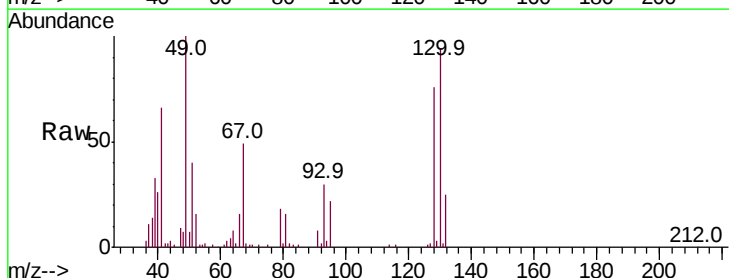
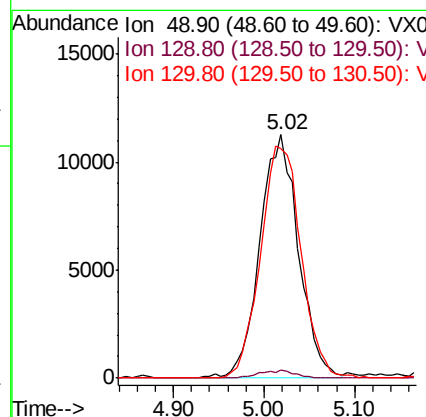
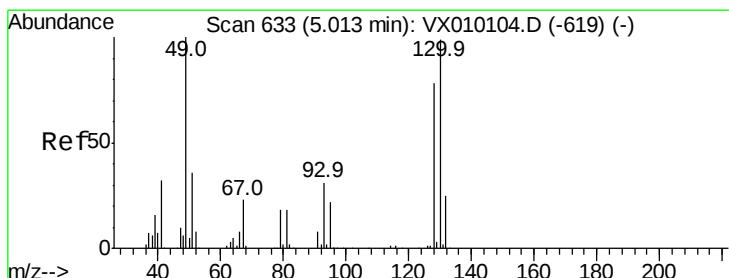
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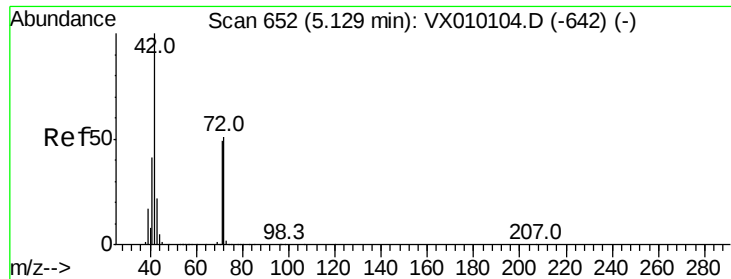


#28

Bromochloromethane
Concen: 14.063 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	3.4
130	100.2	49.4	74.2#





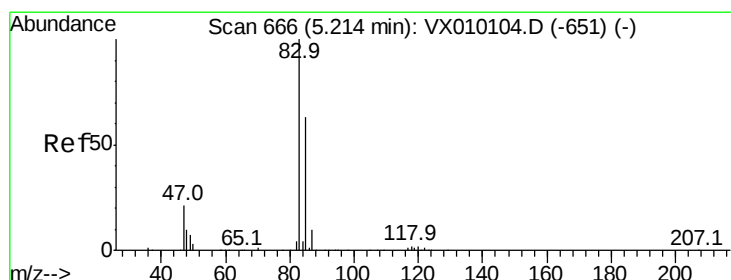
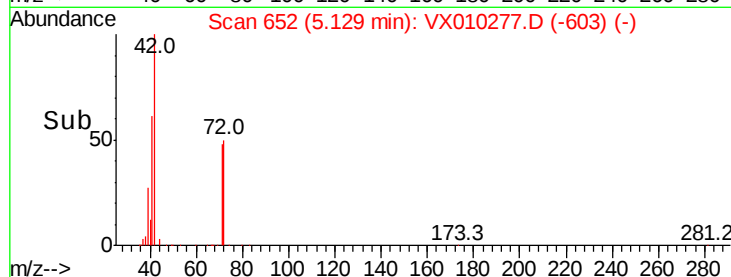
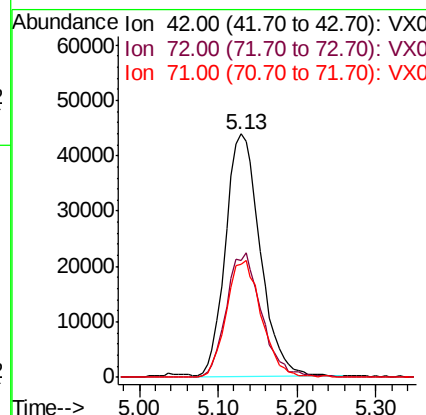
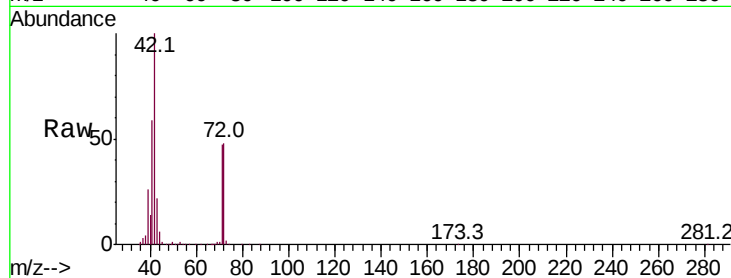
#29
Tetrahydrofuran
Concen: 92.892 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.6	29.2	43.8#
71	49.2	27.6	41.4#

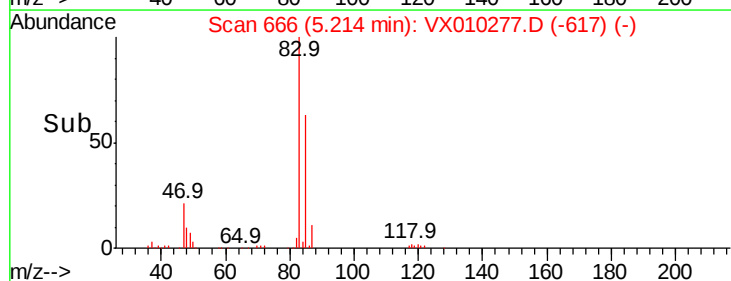
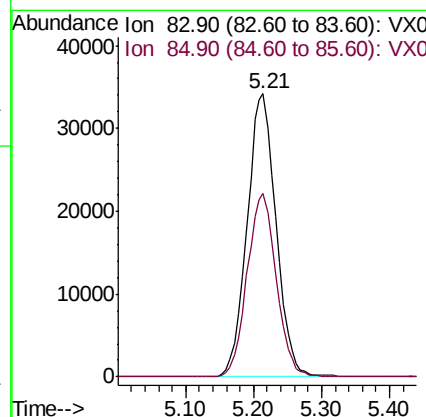
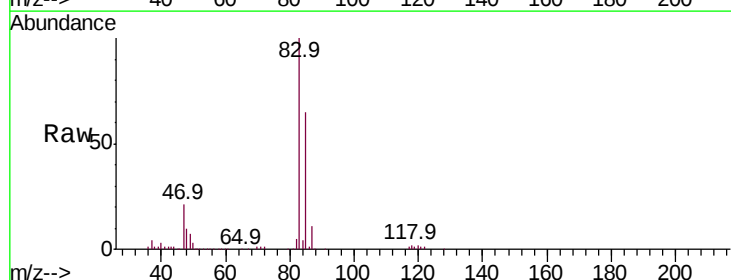
Manual Integrations
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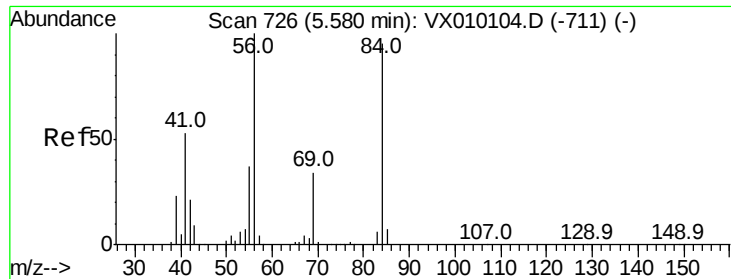
MMDadoda
6/14/2019 9:17:39 AM



#30
Chloroform
Concen: 18.462 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.6	78.8





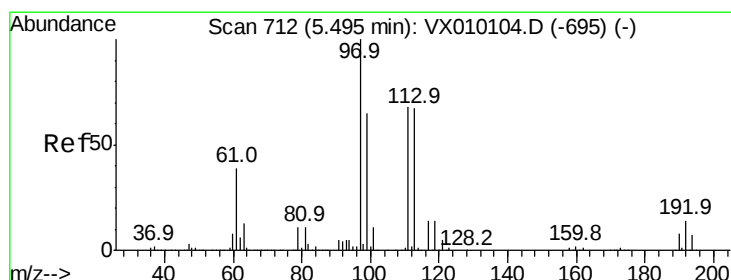
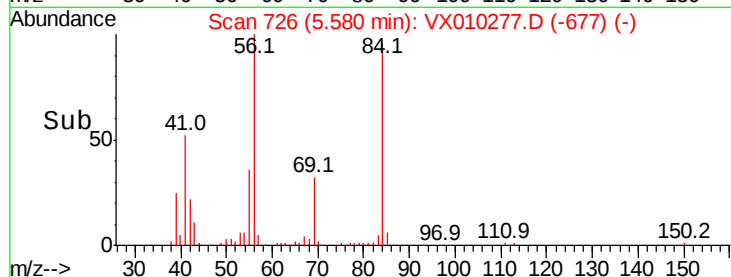
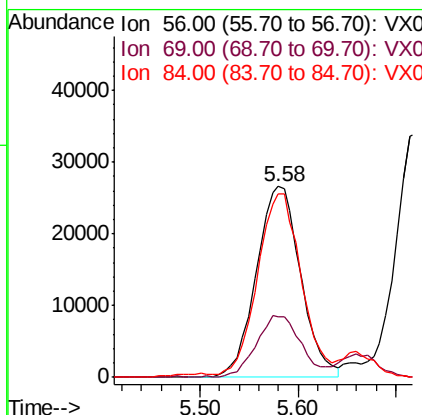
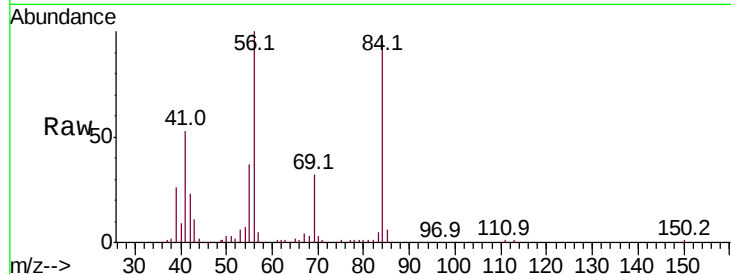
#31
Cyclohexane
Concen: 17.661 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	21.6	32.4
84	94.2	56.8	85.2#

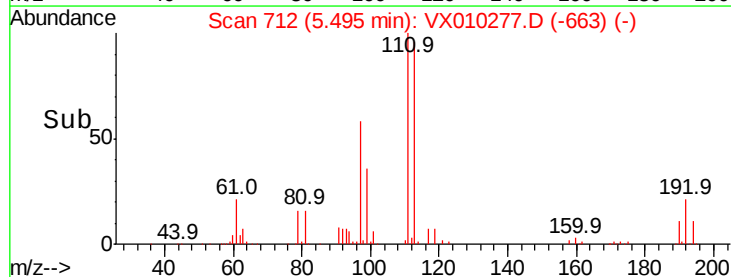
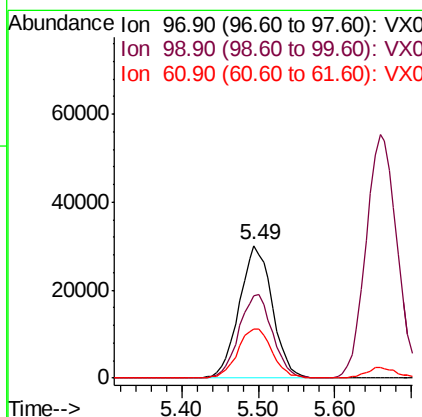
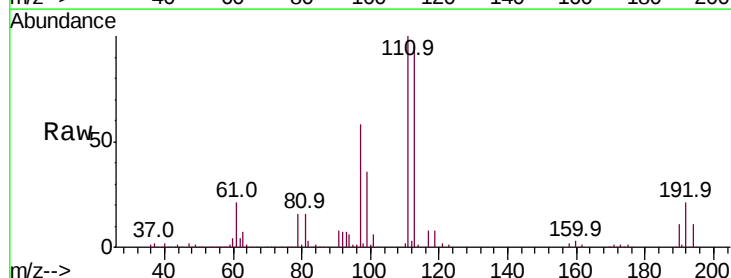
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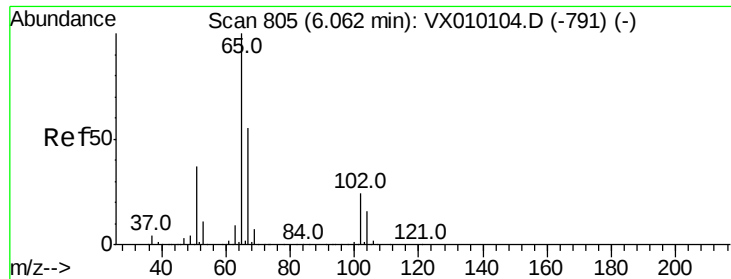
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.507 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.4
61	38.7	38.7	58.1#





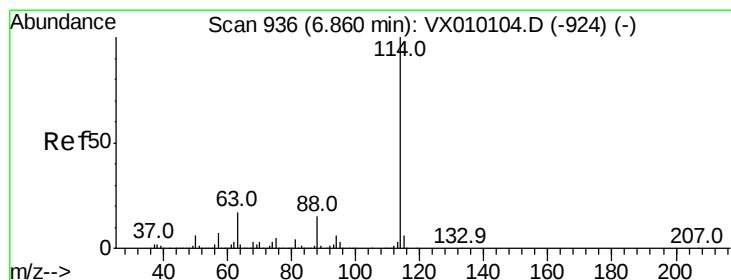
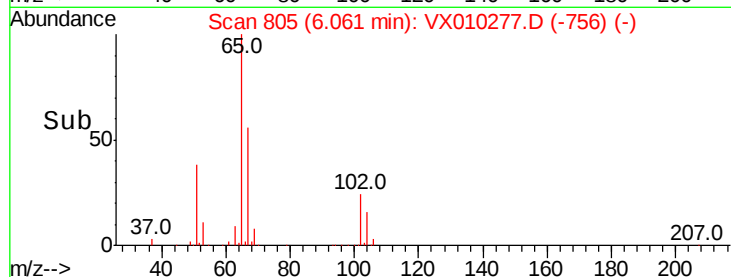
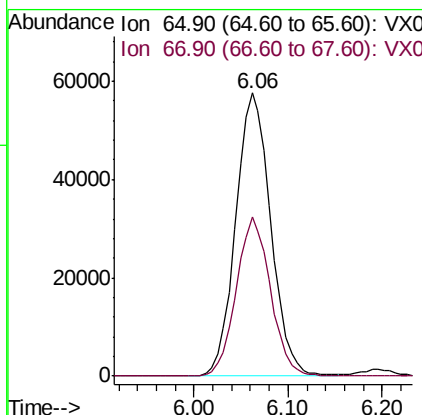
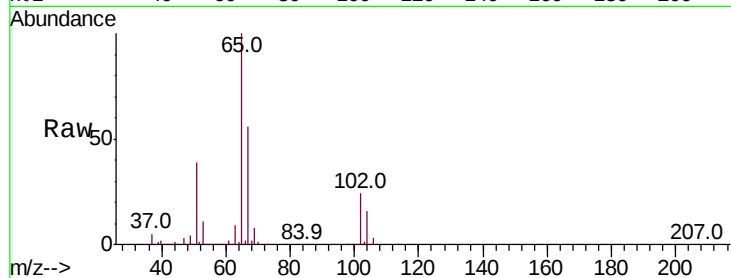
#33
 1,2-Dichloroethane-d4
 Concen: 45.661 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.9	0.0	108.4	

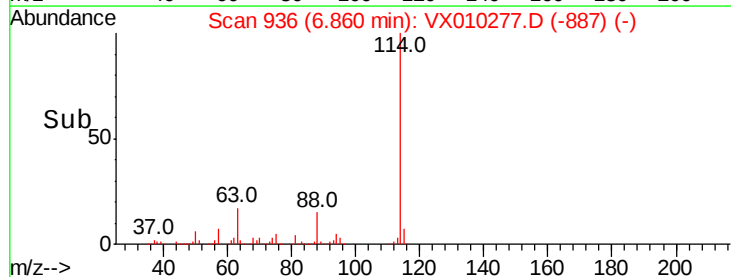
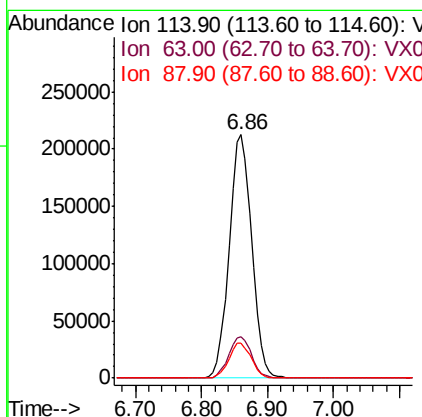
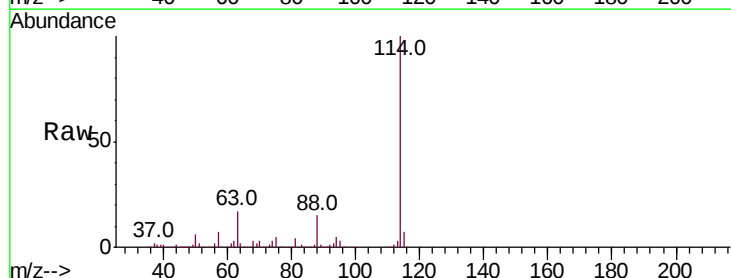
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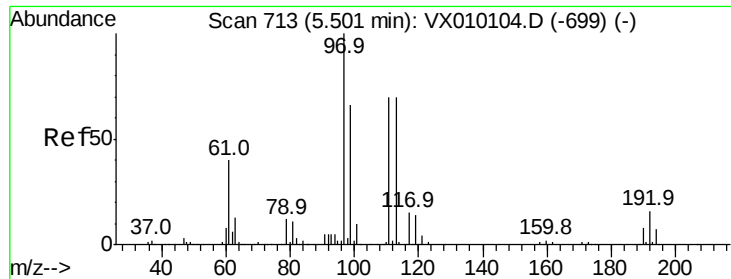
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.8	0.0	47.4	
88	14.5	0.0	33.0	





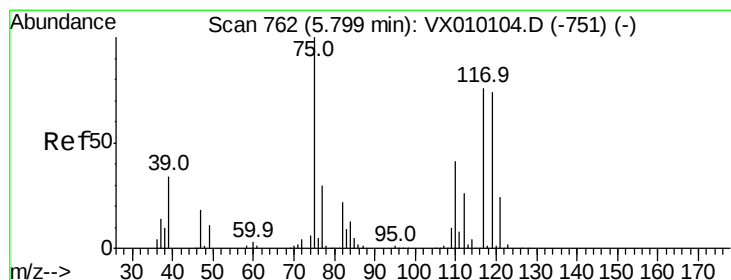
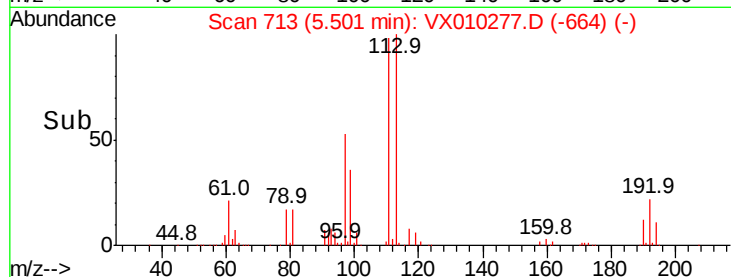
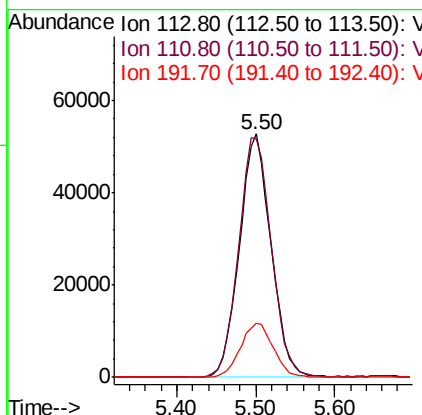
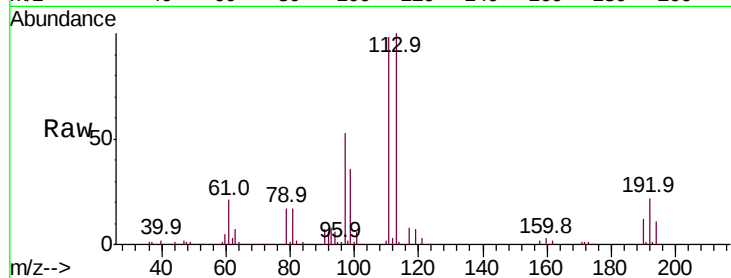
#35
Dibromofluoromethane
Concen: 47.604 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	146925		
111	102.1	82.2	123.2	
192	23.0	17.1	25.7	

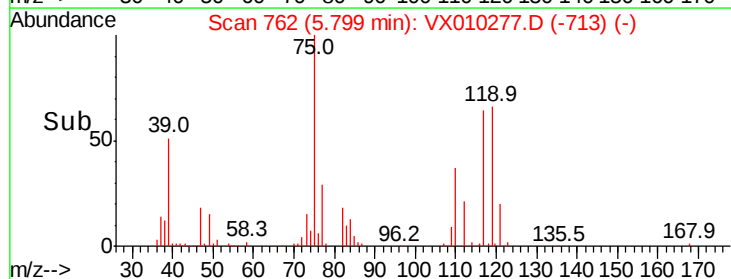
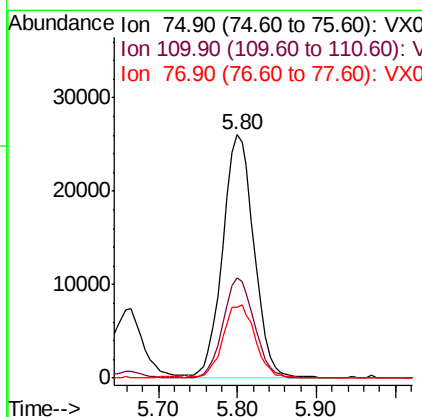
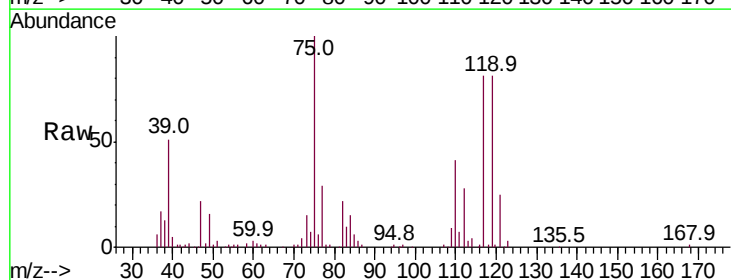
Manual Integrations
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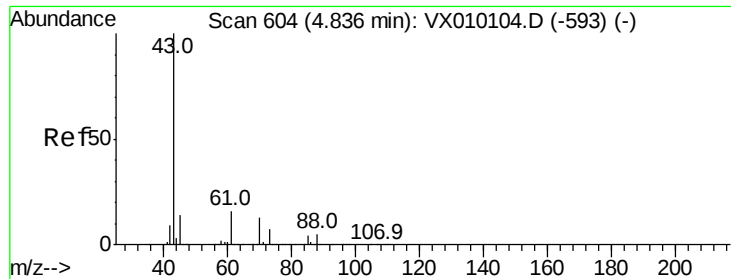
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#36
1,1-Dichloropropene
Concen: 17.513 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71494		
110	41.6	16.7	50.1	
77	31.3	25.0	37.4	





#37

Ethyl Acetate

Concen: 18.759 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

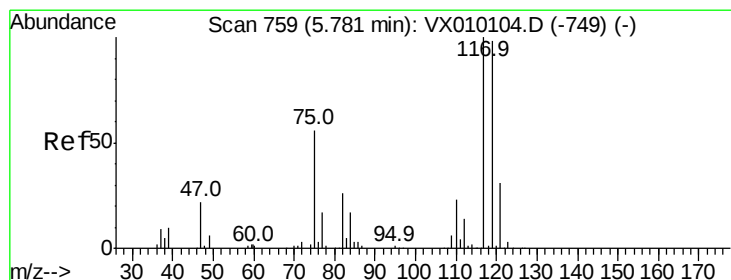
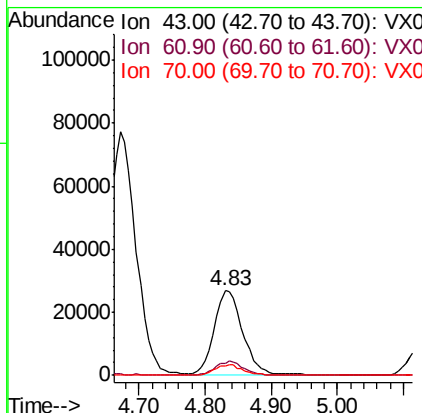
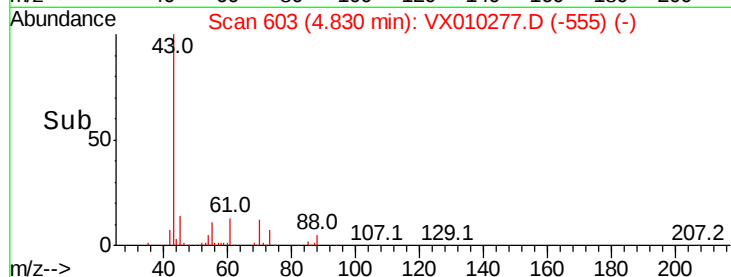
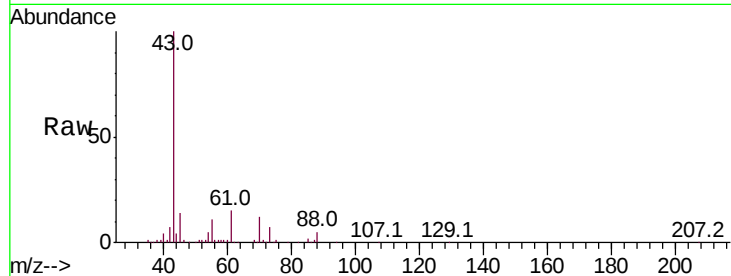
ClientSampleId :

VX0613WBSD01

Tot Ion:	43	Resp:	79678
Ion	Ratio	Lower	Upper
43	100		
61	16.9	10.2	15.2#
70	13.0	7.4	11.2#

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#38

Carbon Tetrachloride

Concen: 17.051 ug/l

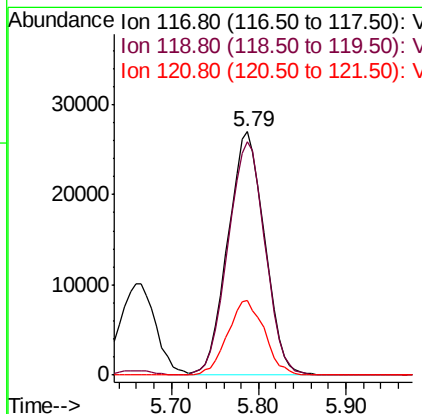
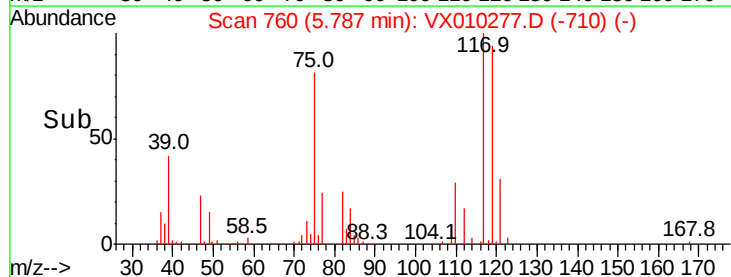
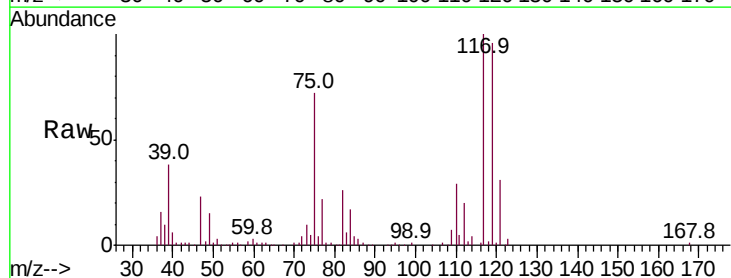
RT: 5.79 min Scan# 760

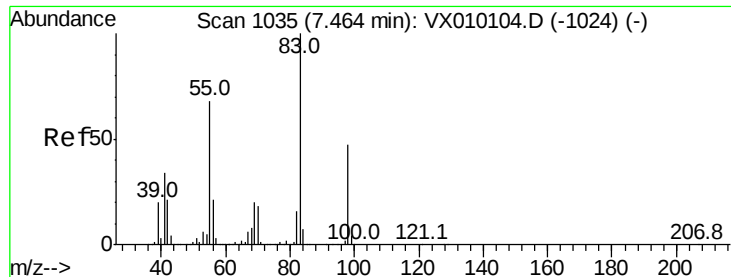
Delta R.T. 0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion:	117	Resp:	78784
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
121	30.8	25.4	38.0





#39

Methvlcvclohexane

Concen: 16.966 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

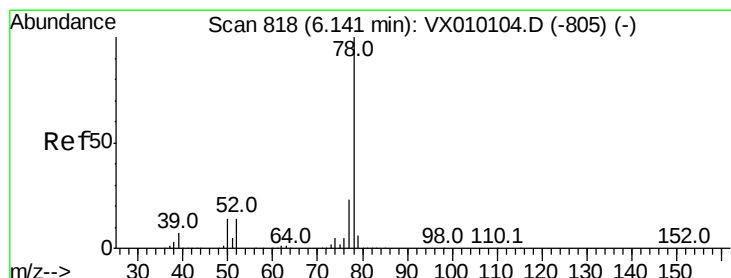
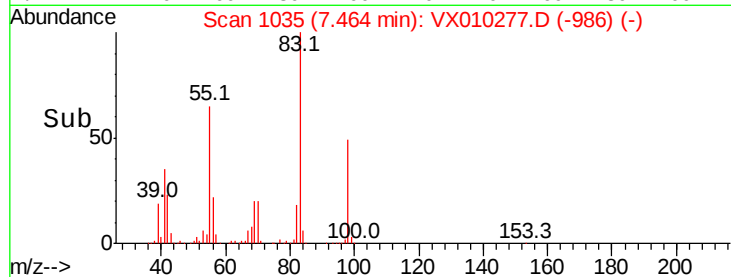
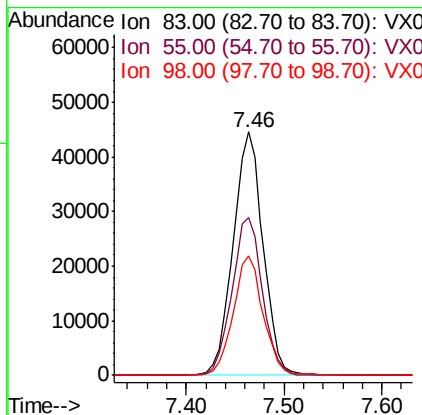
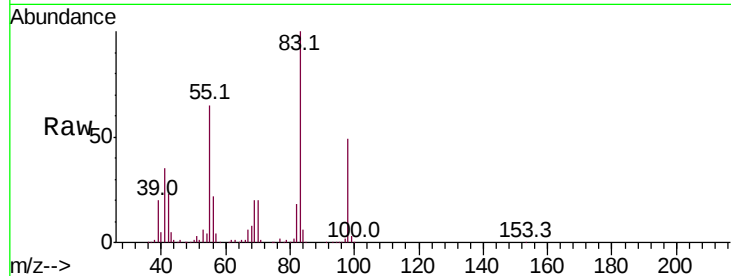
ClientSampleId :

VX0613WBSD01

Tot Ion:	83	Resp:	94307
Ion Ratio	Lower	Upper	
83	100		
55	64.4	69.9	104.9#
98	49.1	35.1	52.7

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#40

Benzene

Concen: 18.565 ug/l

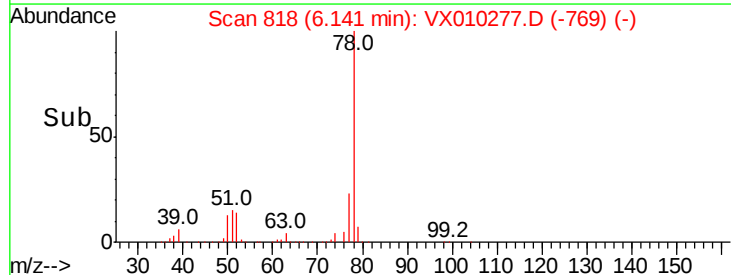
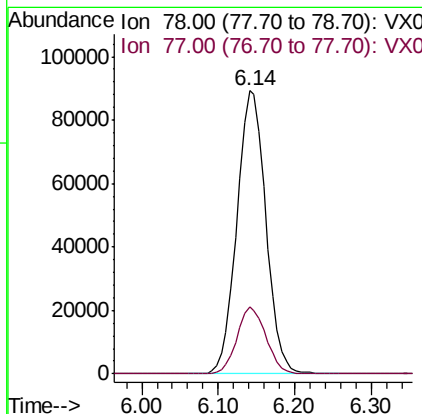
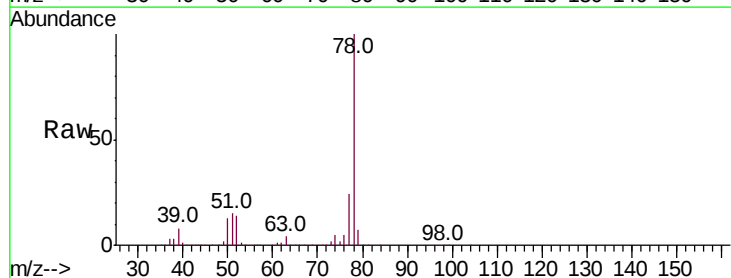
RT: 6.14 min Scan# 818

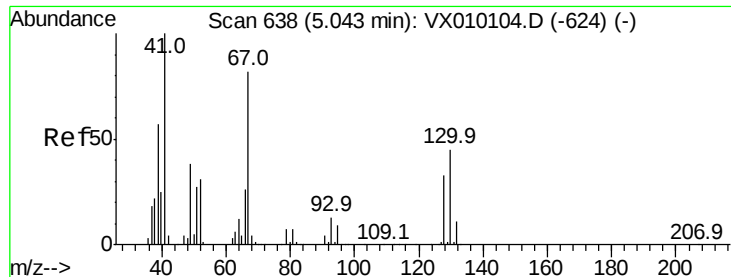
Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion:	78	Resp:	234344
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.2	28.8





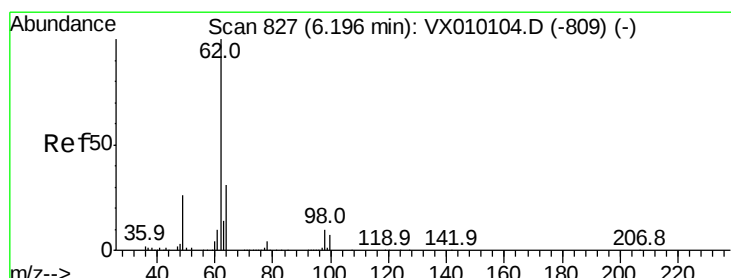
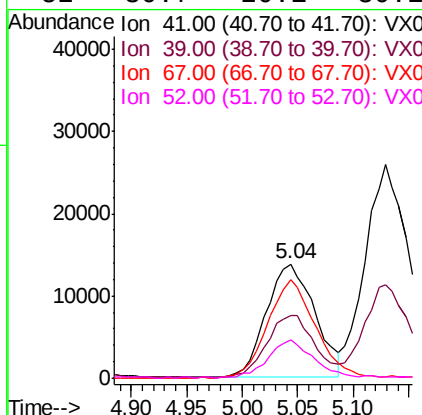
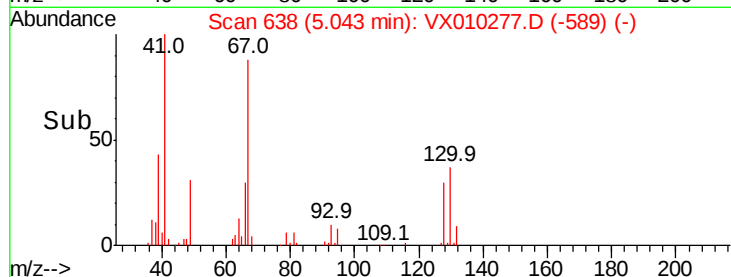
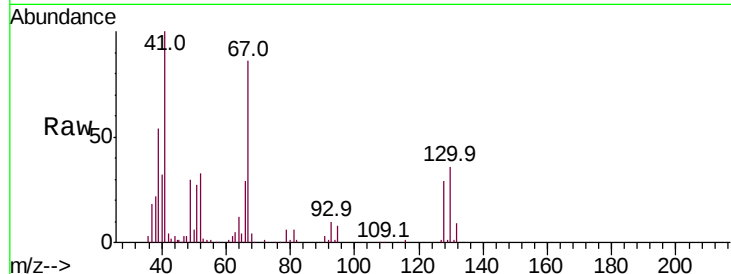
#41
Methacrylonitrile
Concen: 18.164 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.2	63.4
67	86.0	48.9	73.3#
52	30.7	20.1	30.1#

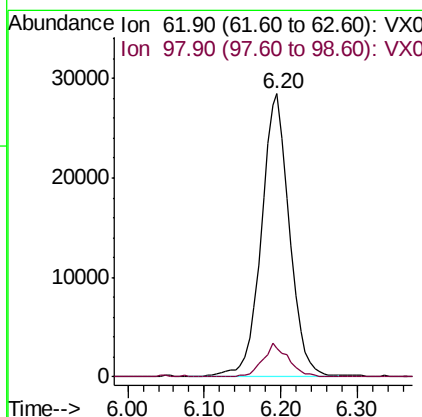
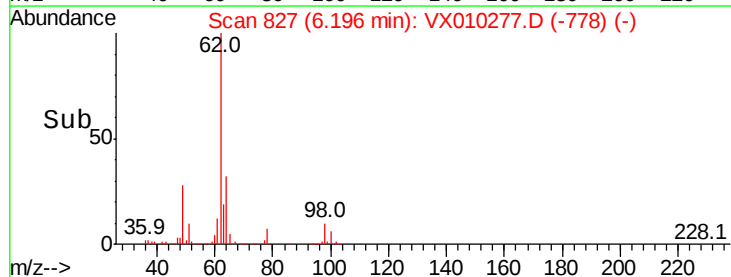
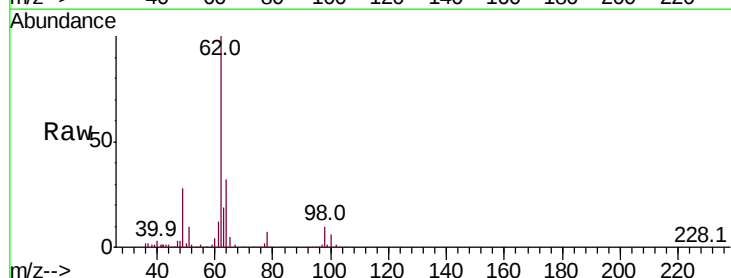
Manual Integrations
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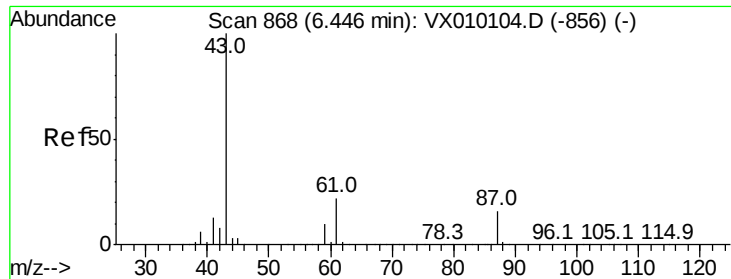
MMDadoda
6/14/2019 9:17:39 AM



#42
1,2-Dichloroethane
Concen: 17.954 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	17.2





#43

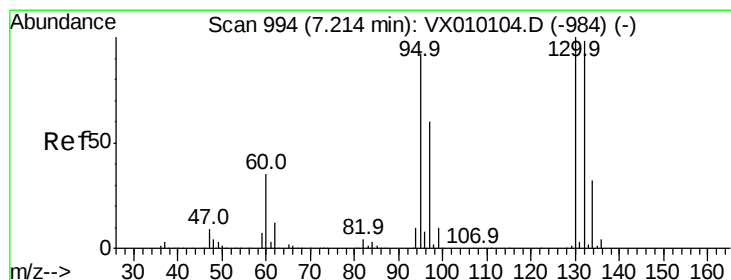
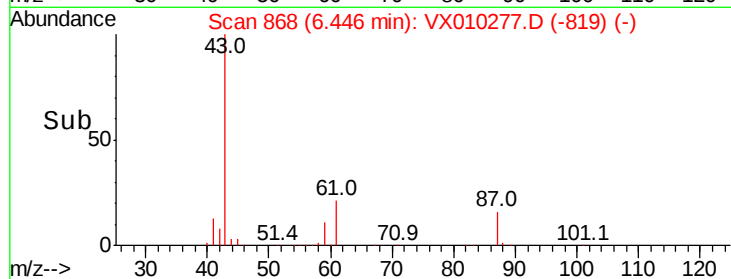
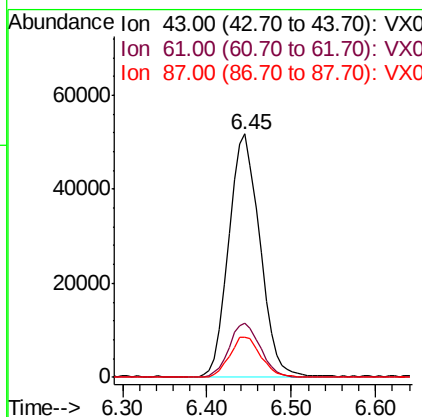
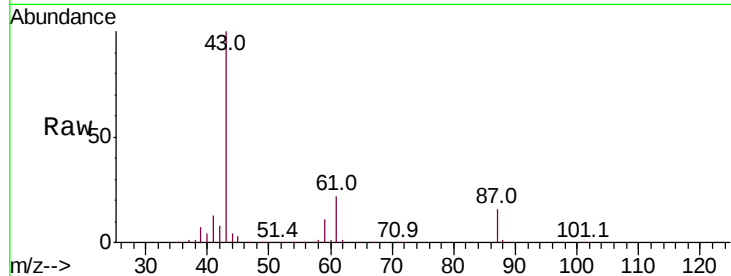
Isopropyl Acetate
 Concen: 18.203 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	14.6	21.8#
87	16.6	8.7	13.1#

Manual Integrations
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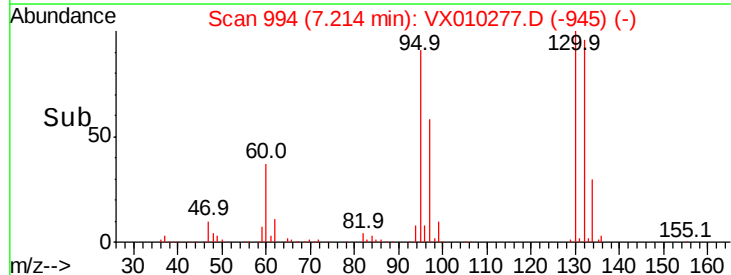
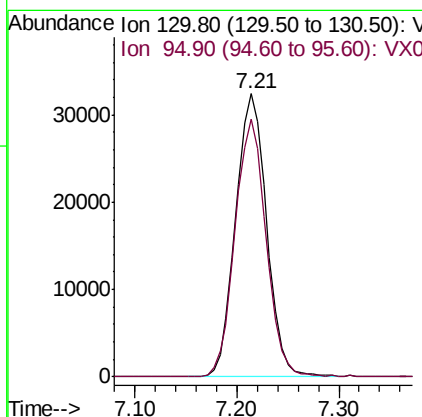
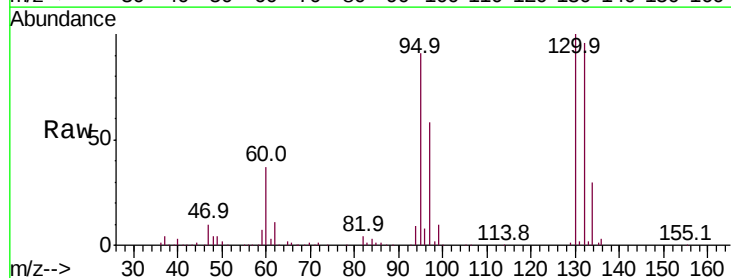
MMDadoda
 6/14/2019 9:17:39 AM

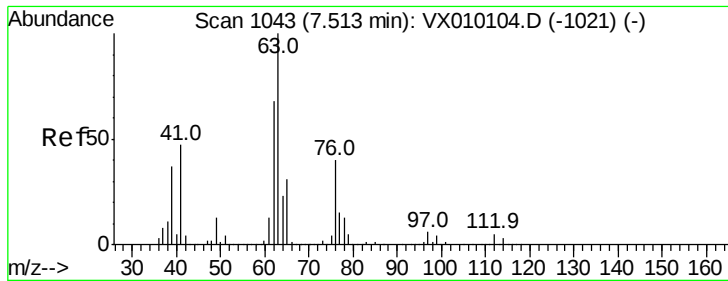


#44

Trichloroethene
 Concen: 17.977 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	207.4





#45

1,2-Dichloropropane

Concen: 18.666 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 63 Resp: 58973

Ion Ratio Lower Upper

63 100

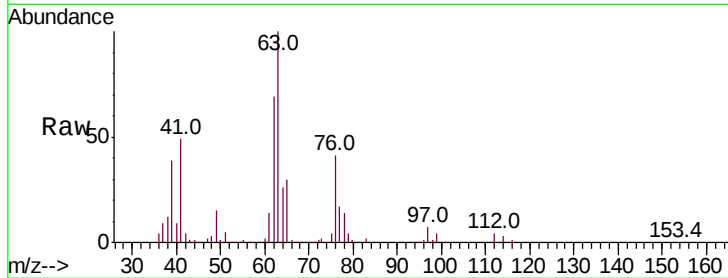
65 30.1 25.7 38.5

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

7.51

30000

25000

20000

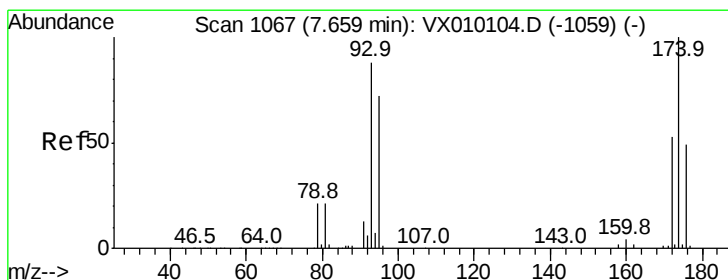
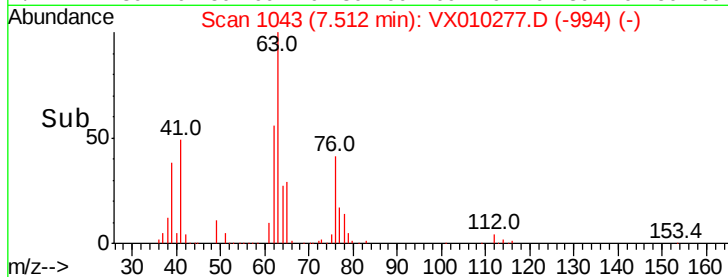
15000

10000

5000

0

Time-->



#46

Dibromomethane

Concen: 17.706 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

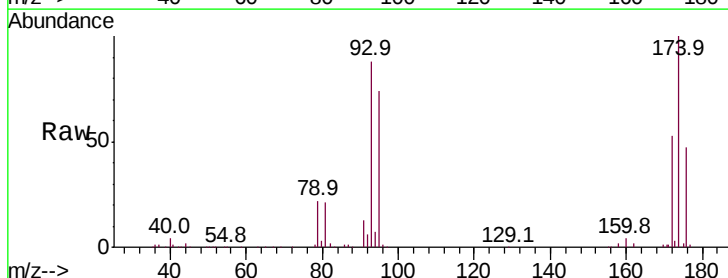
Tgt Ion: 93 Resp: 41910

Ion Ratio Lower Upper

93 100

95 84.0 66.8 100.2

174 118.1 81.9 122.9



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

7.66

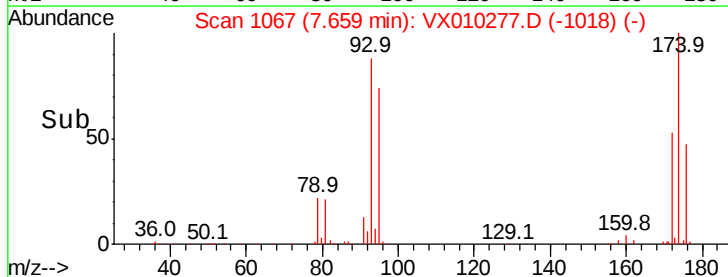
30000

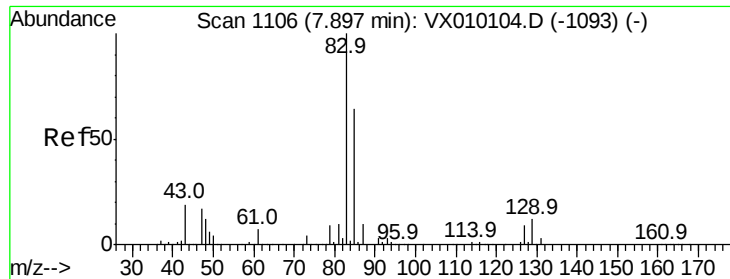
20000

10000

0

Time-->





#47

Bromodichloromethane

Concen: 17.364 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

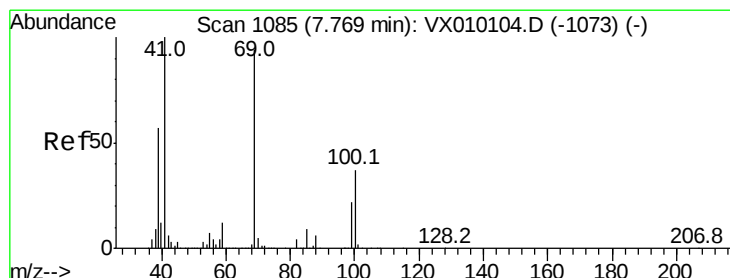
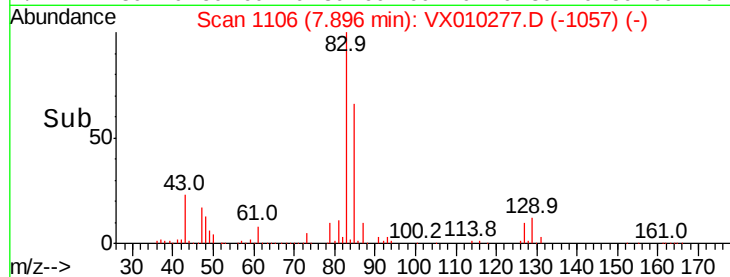
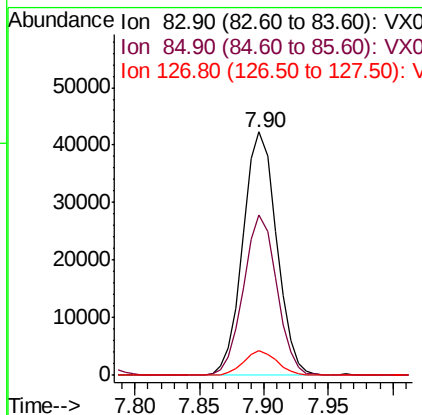
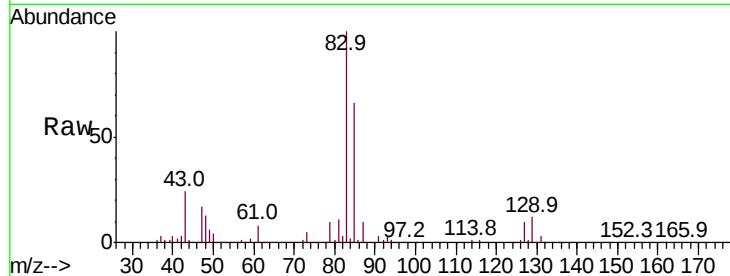
ClientSampleId :

VX0613WBSD01

Tot Ion:	83	Resp:	76802
Ion Ratio	Lower	Upper	
83	100		
85	65.6	51.4	77.2
127	9.9	6.4	9.6#

Manual Integrations
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MMDadoda
6/14/2019 9:17:39 AM



#48

Methyl methacrylate

Concen: 18.201 ug/l

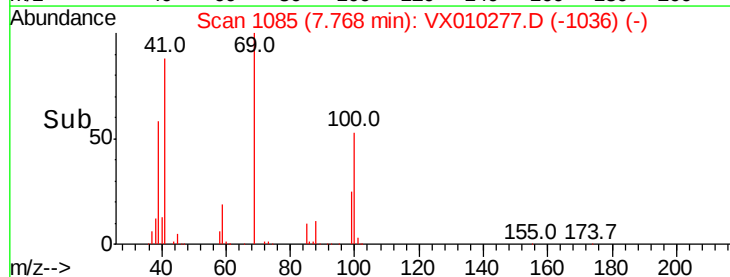
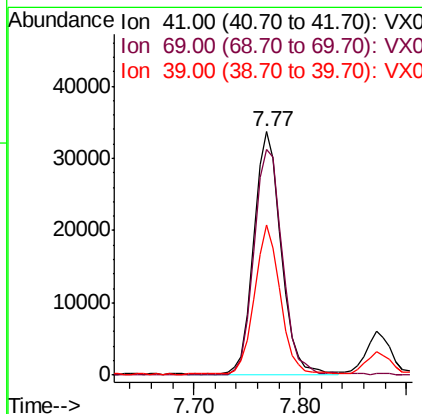
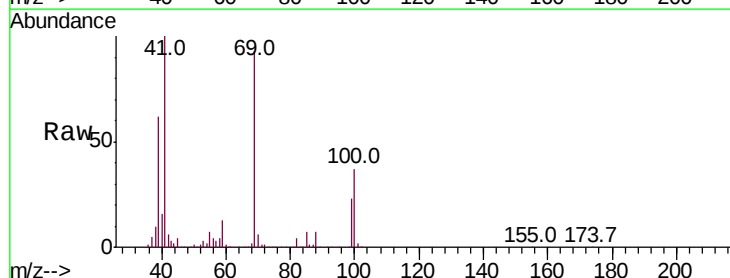
RT: 7.77 min Scan# 1085

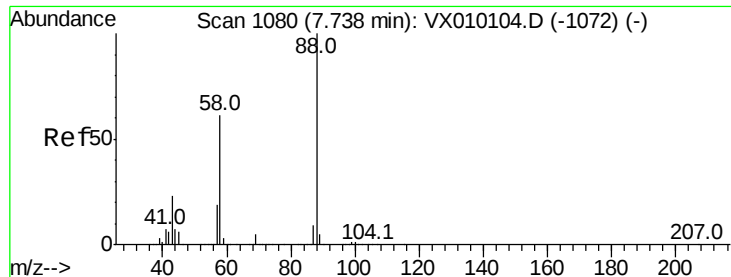
Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion:	41	Resp:	60451
Ion Ratio	Lower	Upper	
41	100		
69	97.7	56.4	84.6#
39	57.5	40.6	60.8





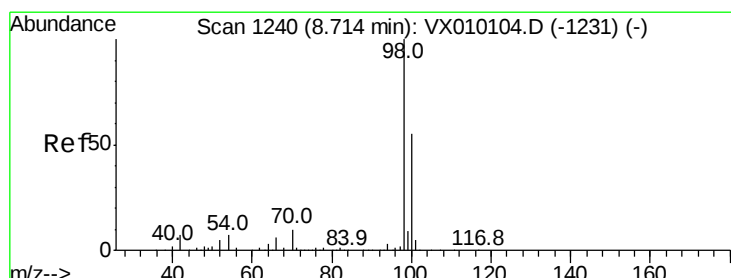
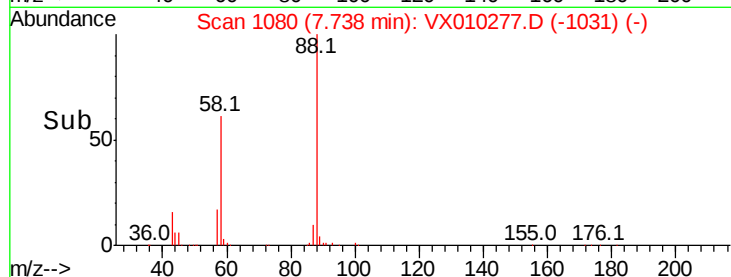
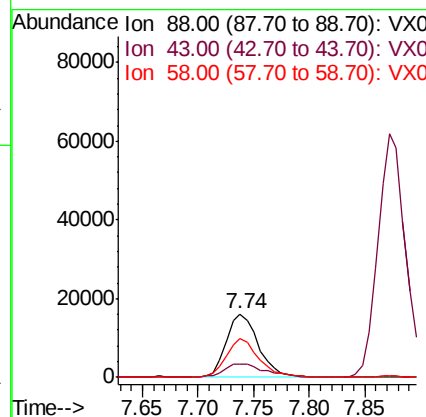
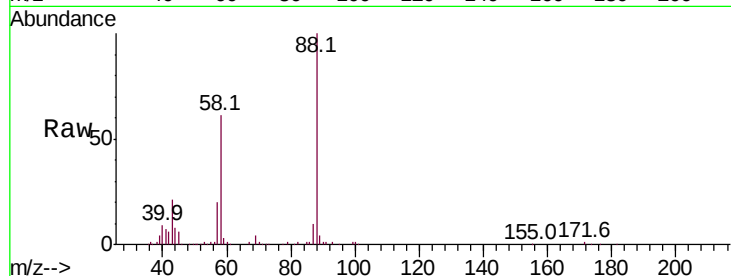
#49
1,4-Dioxane
Concen: 345.411 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.4	30.2	45.4#
58	61.2	64.0	96.0#

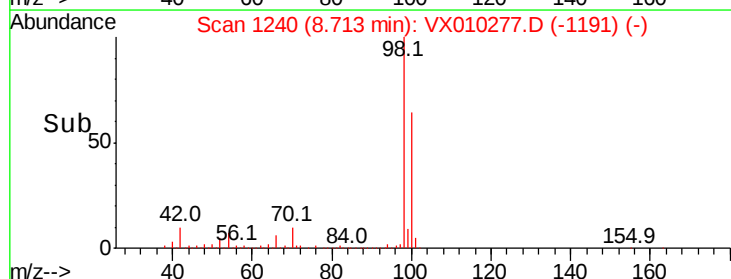
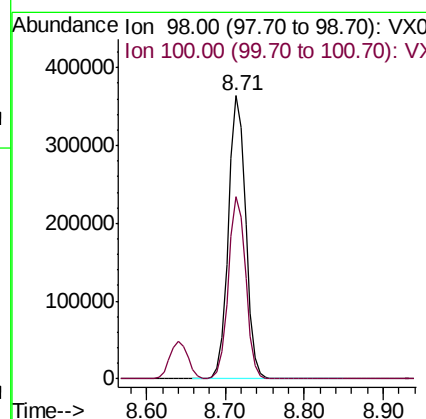
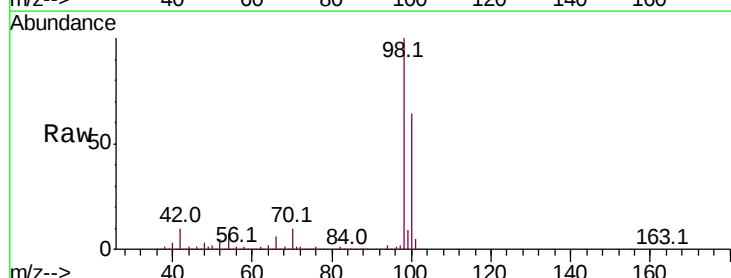
Manual Integrations
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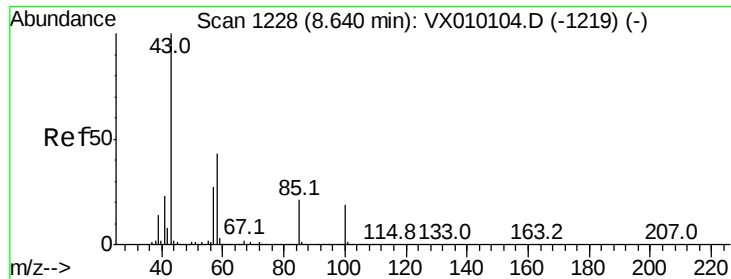
MMDadoda
6/14/2019 9:17:39 AM



#50
Toluene-d8
Concen: 47.905 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 98.234 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 43 Resp: 416764

Ion Ratio Lower Upper

43 100

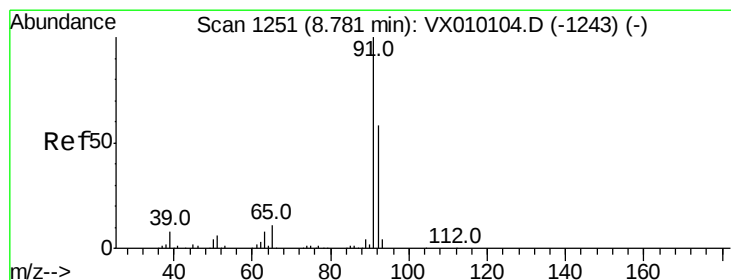
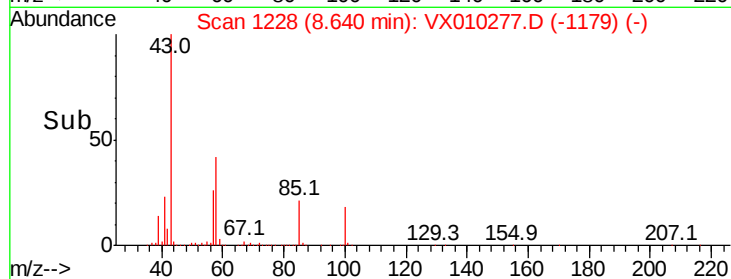
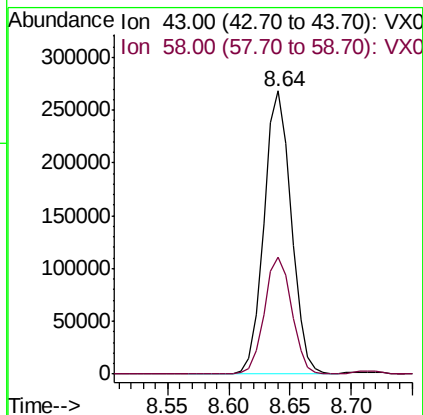
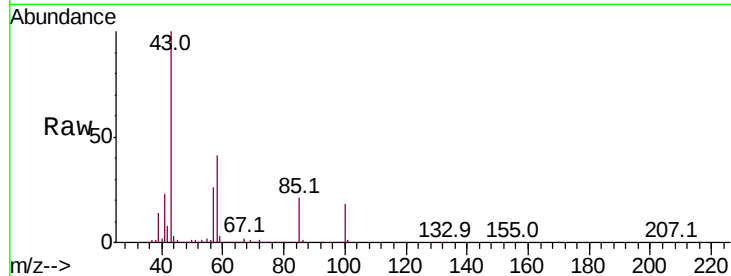
58 41.6 28.8 43.2

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6/14/2019 9:17:39 AM



#52

Toluene

Concen: 18.257 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010277.D

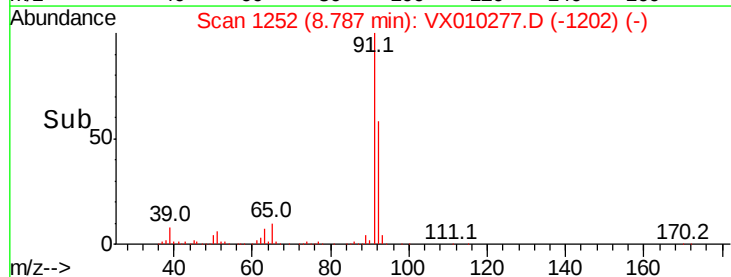
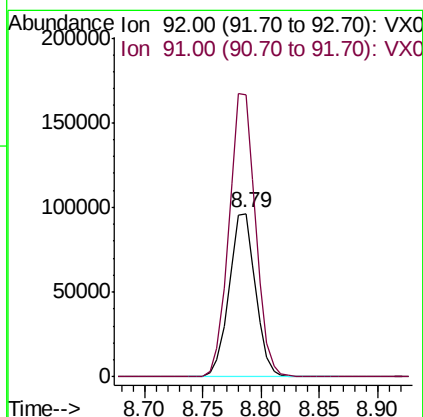
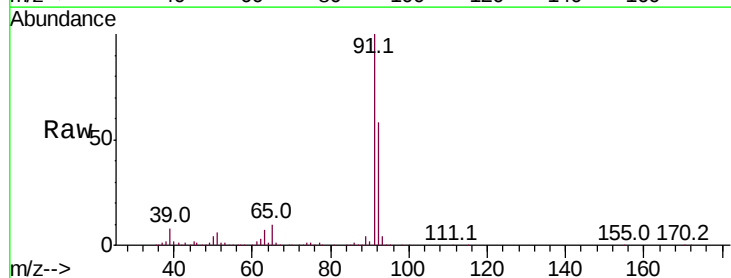
Acq: 13 Jun 2019 16:59

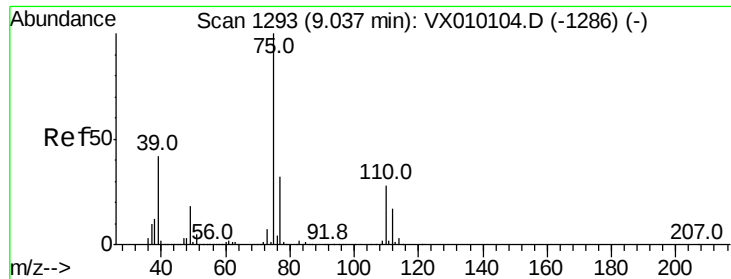
Tgt Ion: 92 Resp: 151491

Ion Ratio Lower Upper

92 100

91 174.6 139.9 209.9





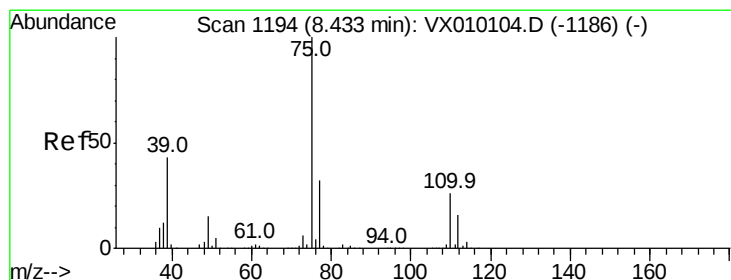
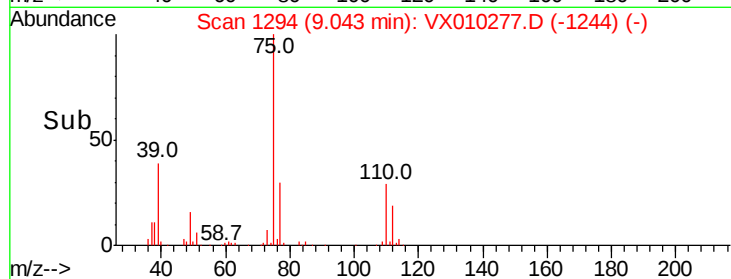
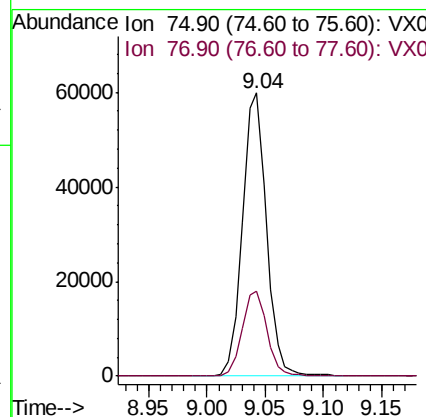
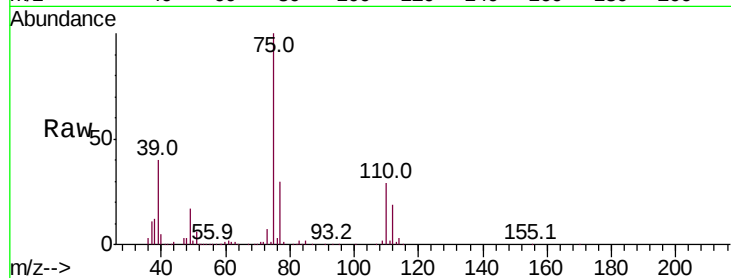
#53
t-1,3-Dichloropropene
Concen: 16.853 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion: 75 Resp: 86219
Ion Ratio Lower Upper
75 100
77 30.0 24.6 36.8

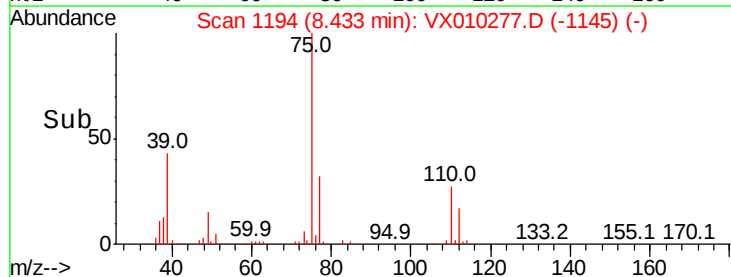
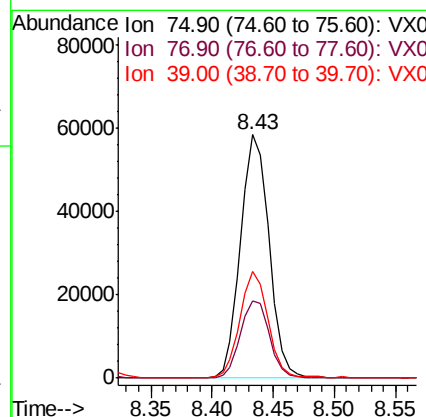
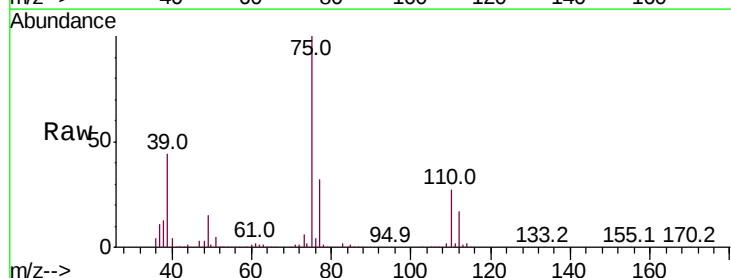
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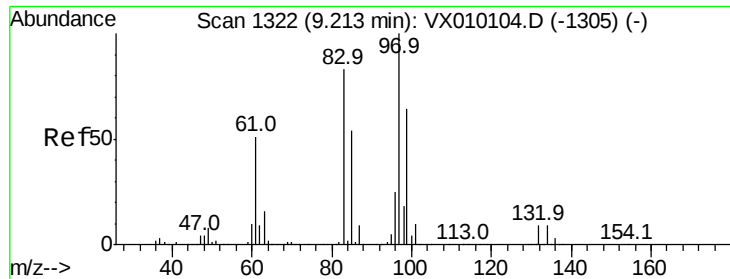
MMDadoda
6/14/2019 9:17:39 AM



#54
cis-1,3-Dichloropropene
Concen: 17.229 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion: 75 Resp: 94494
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 43.5 43.4 65.0





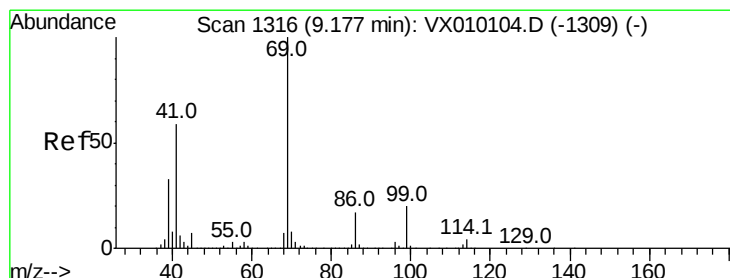
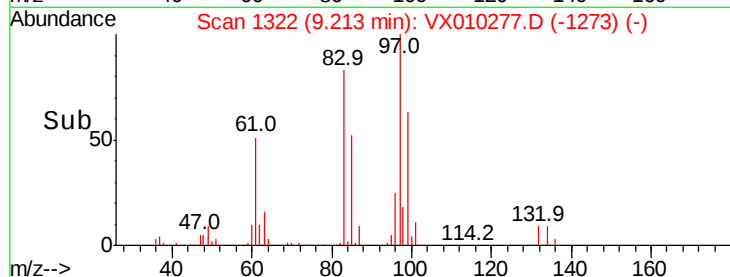
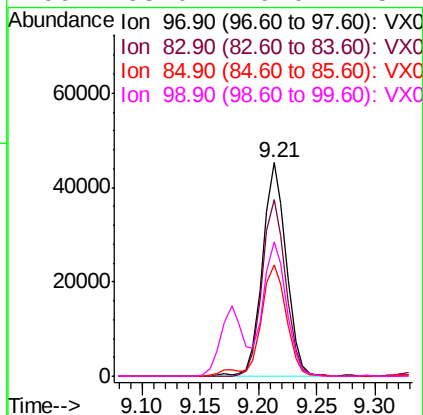
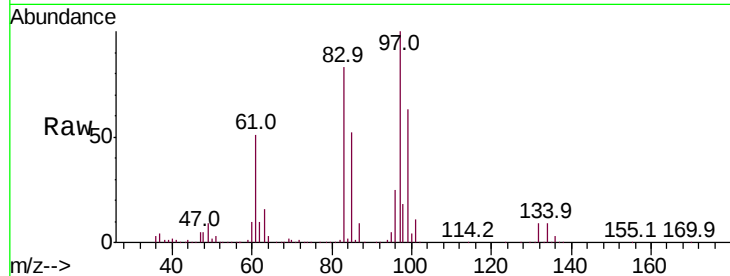
#55
 1,1,2-Trichloroethane
 Concen: 18.820 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Tot Ion	97	Resp	63957
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.8	104.8
85	52.4	45.3	67.9
99	63.0	49.0	73.4

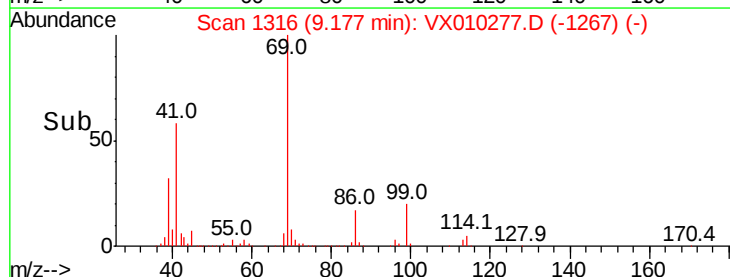
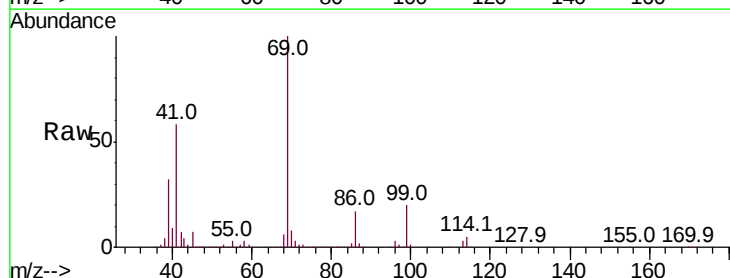
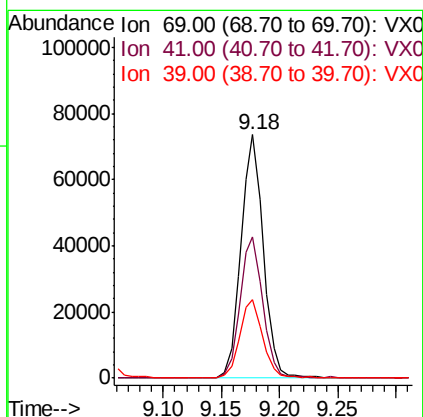
Manual Integrations
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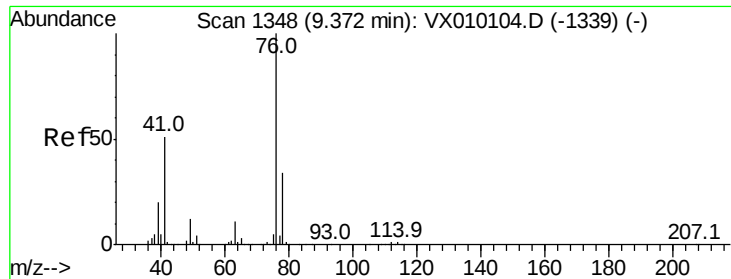
MMDadoda
 6/14/2019 9:17:39 AM



#56
 Ethyl methacrylate
 Concen: 18.418 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010277.D
 Acq: 13 Jun 2019 16:59

Tgt Ion	69	Resp	98868
Ion	Ratio	Lower	Upper
69	100		
41	58.2	62.7	94.1#
39	32.8	29.5	44.3





#57

1,3-Dichloropropane

Concen: 18.491 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010277.D

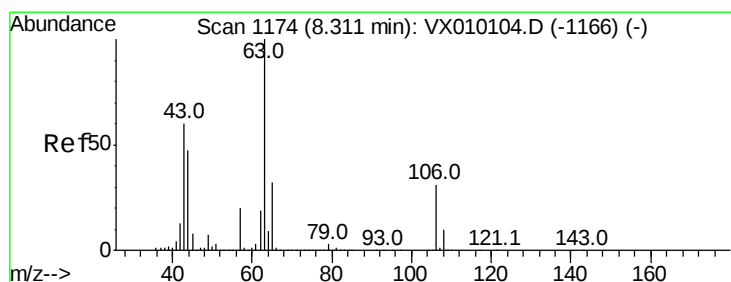
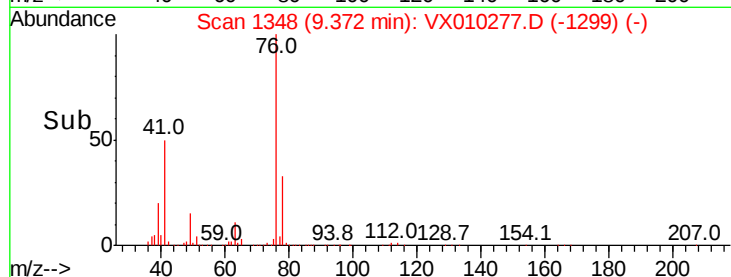
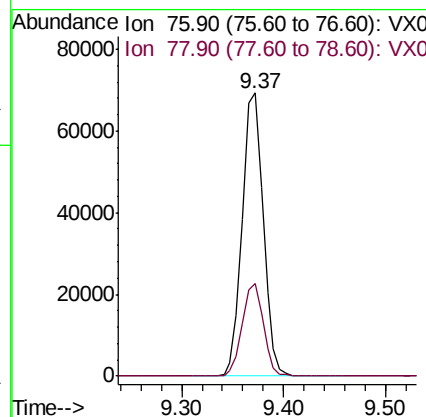
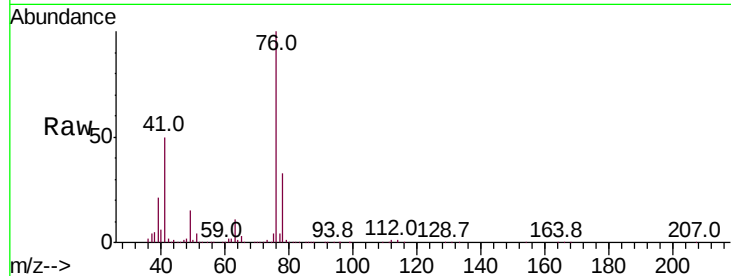
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.4	38.0

Manual Integrations
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MMDadoda
6/14/2019 9:17:39 AM



#58

2-Chloroethyl Vinyl ether

Concen: 92.177 ug/l

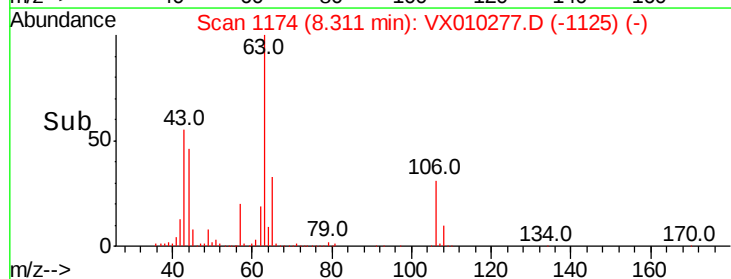
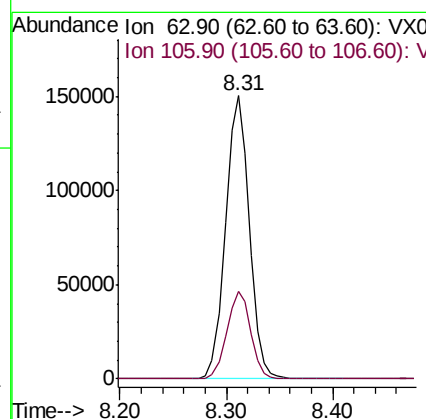
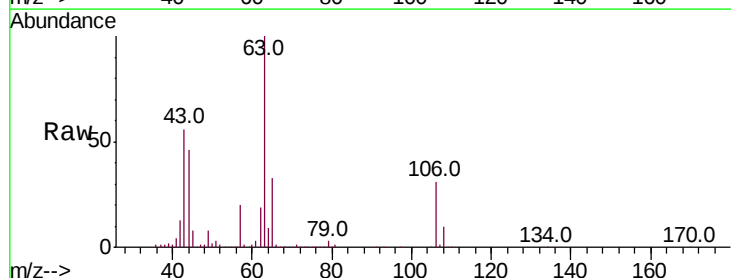
RT: 8.31 min Scan# 1174

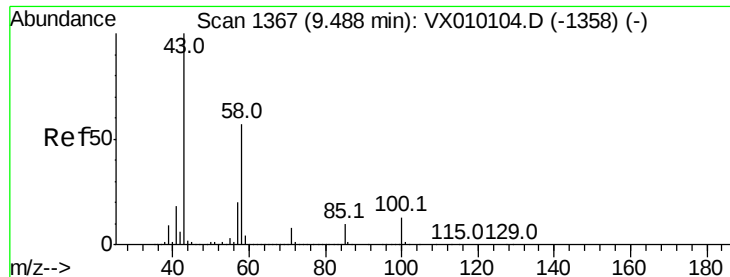
Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	19.4	29.2





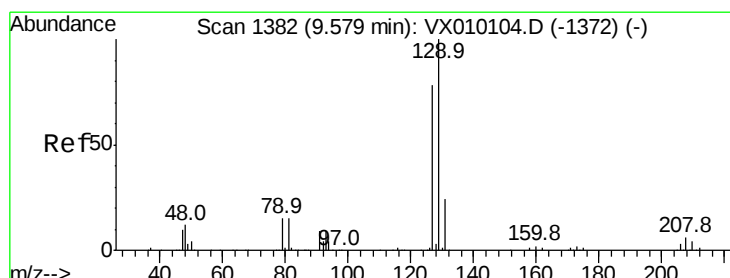
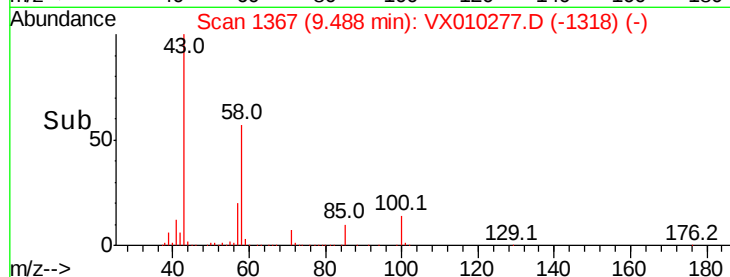
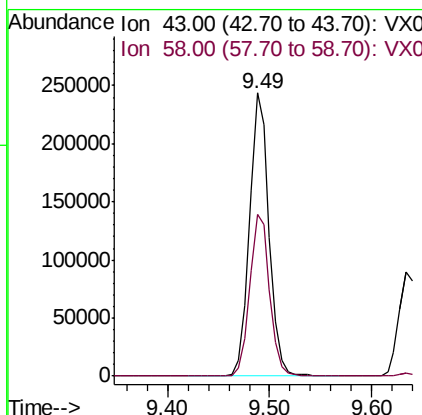
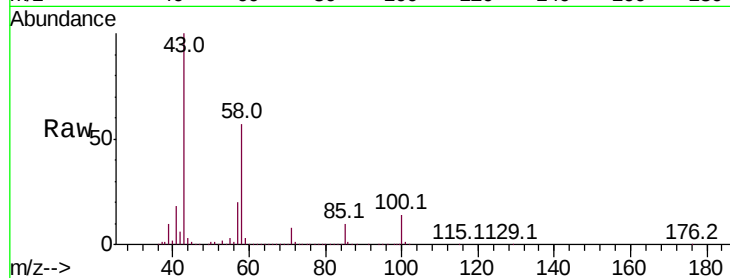
#59
2-Hexanone
Concen: 95.958 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion: 43 Resp: 324592
Ion Ratio Lower Upper
43 100
58 58.6 25.1 75.3

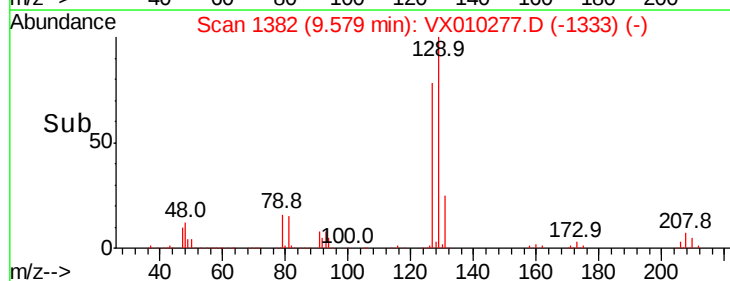
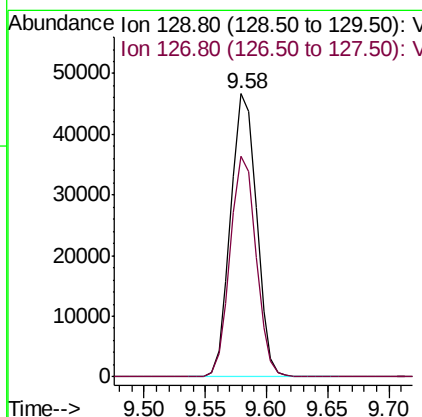
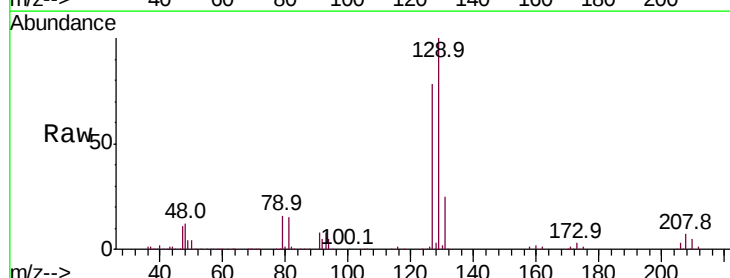
Manual Integrations
APPROVED

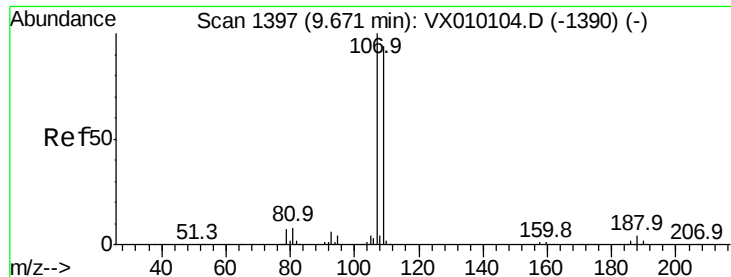
MMDadoda
6/14/2019 9:17:39 AM



#60
Dibromochloromethane
Concen: 17.048 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion: 129 Resp: 68525
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.904 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion:107 Resp: 67764

Ion Ratio Lower Upper

107 100

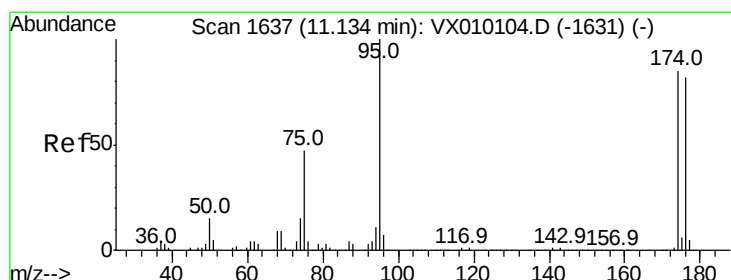
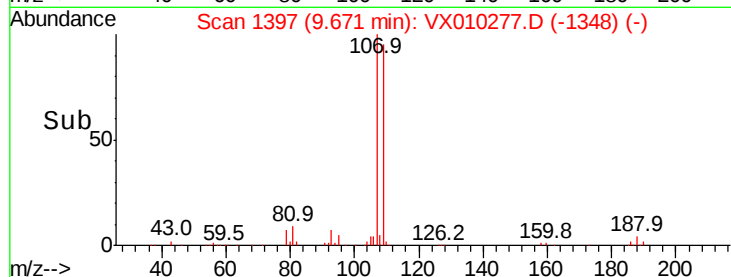
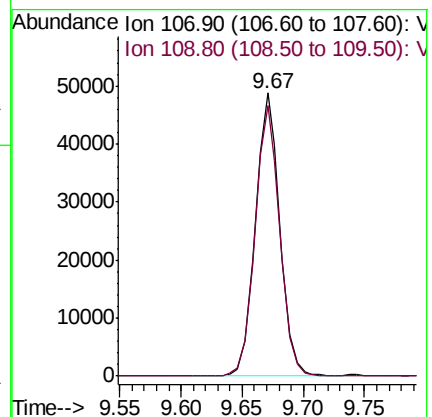
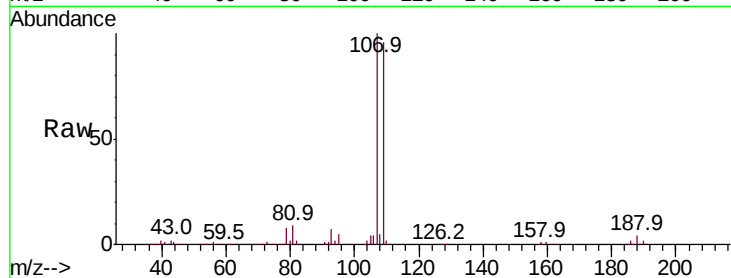
109 97.0 75.4 113.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.647 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

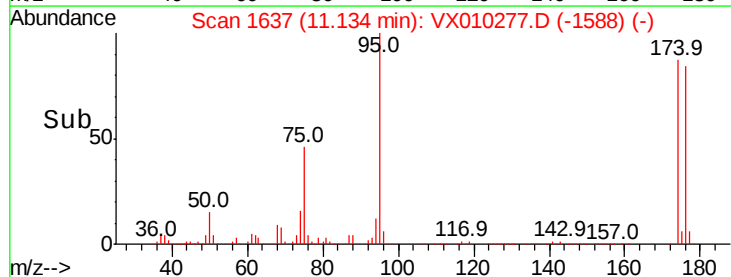
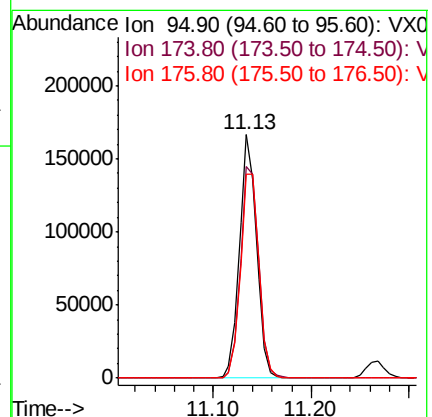
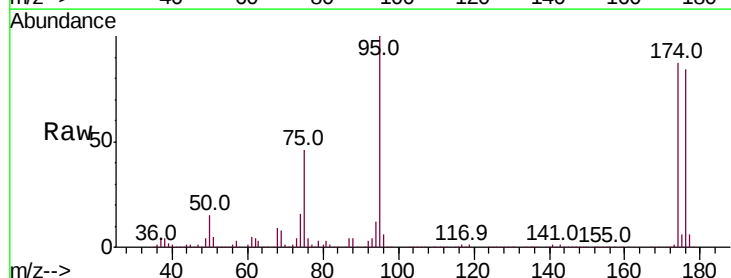
Tgt Ion: 95 Resp: 201512

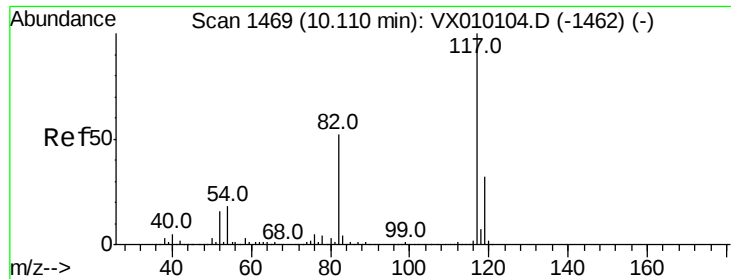
Ion Ratio Lower Upper

95 100

174 92.9 0.0 160.4

176 90.6 0.0 154.6





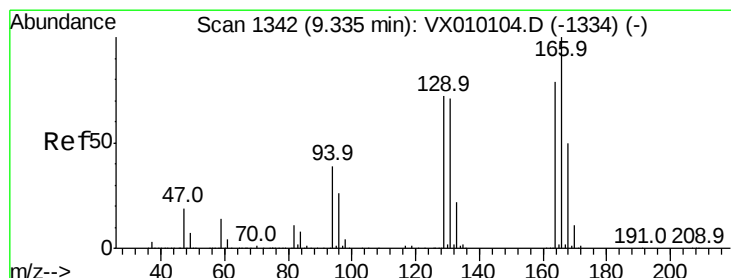
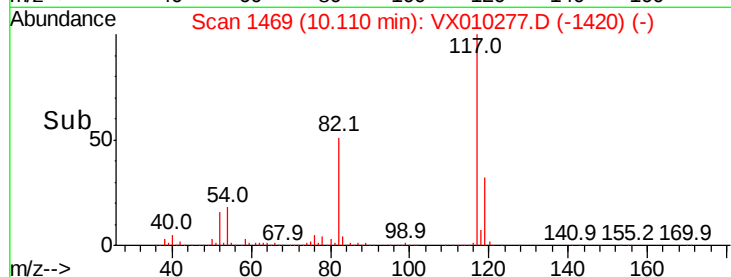
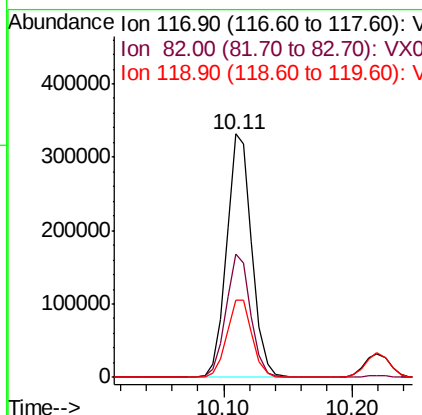
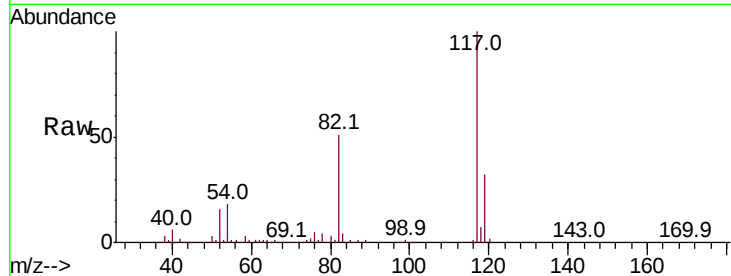
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	49.2	73.8
119	31.8	25.2	37.8

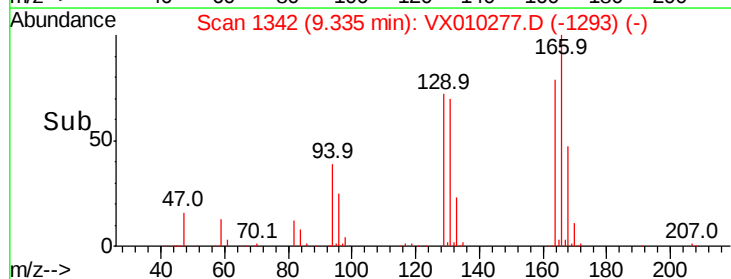
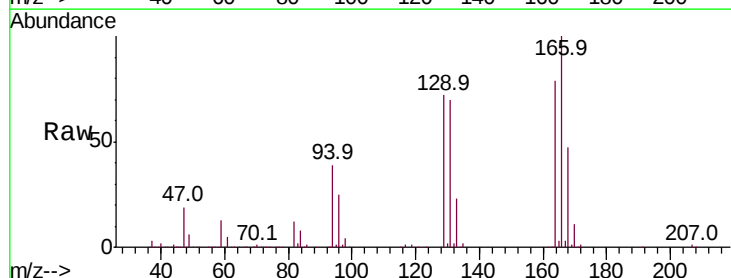
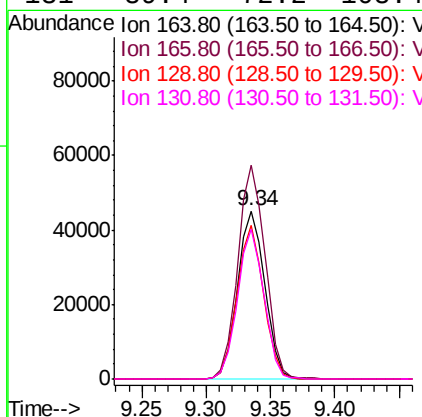
Manual Integrations
APPROVED

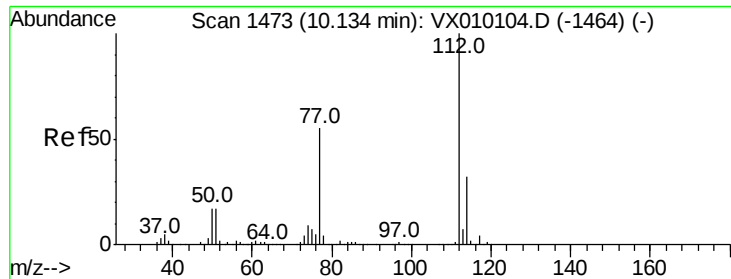
MMDadoda
6/14/2019 9:17:39 AM



#64
Tetrachloroethene
Concen: 19.751 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	105.0	157.4
129	91.5	75.1	112.7
131	89.4	72.2	108.4





#65

Chlorobenzene

Concen: 18.535 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion:112 Resp: 172931

Ion Ratio Lower Upper

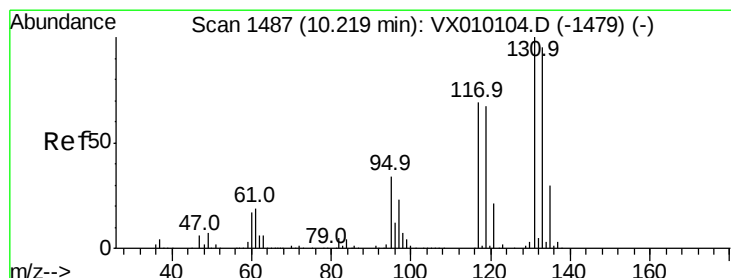
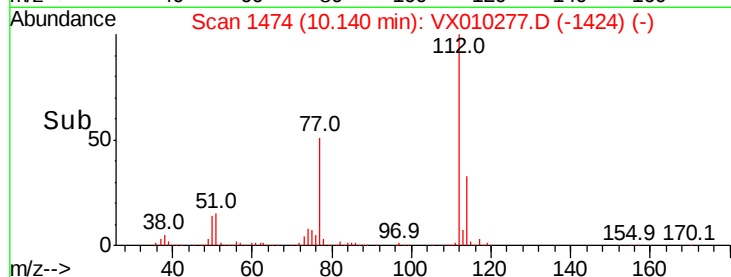
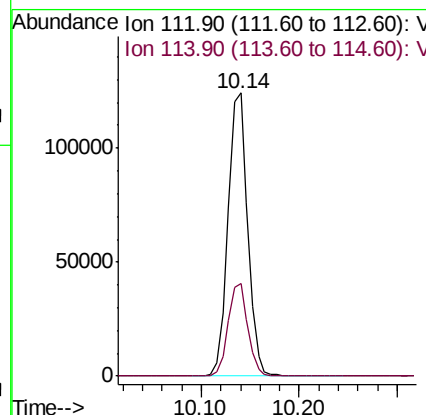
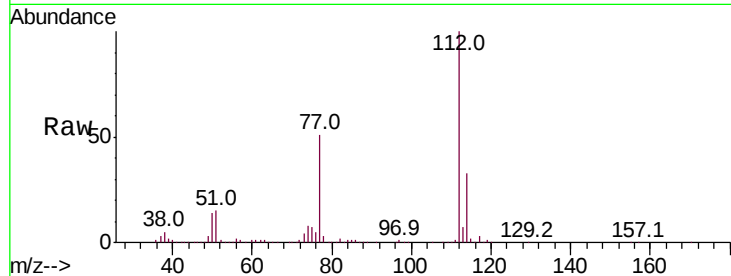
112 100

114 32.7 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 17.875 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

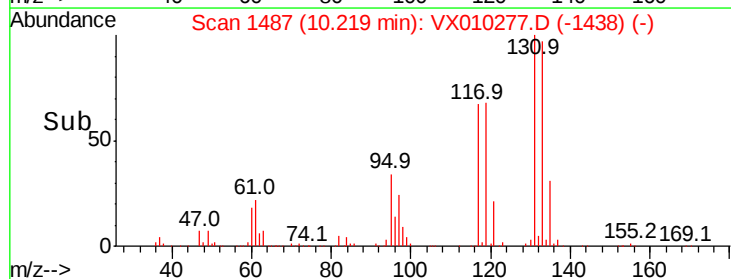
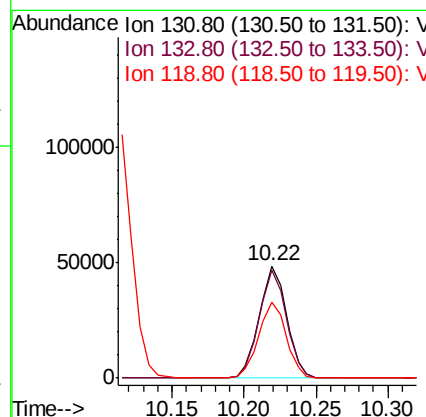
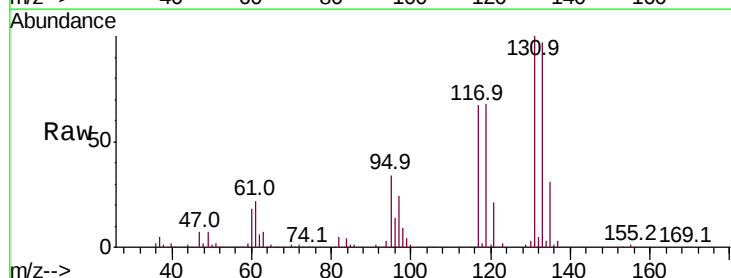
Tgt Ion:131 Resp: 64137

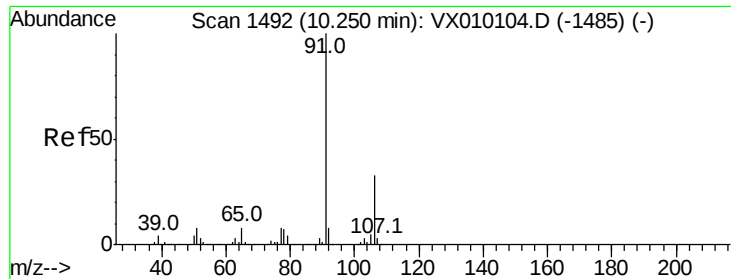
Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.6

119 68.4 33.4 100.1





#67

Ethyl Benzene

Concen: 18.452 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampled :

VX0613WBSD01

Tot Ion: 91 Resp: 293079

Ion Ratio Lower Upper

91 100

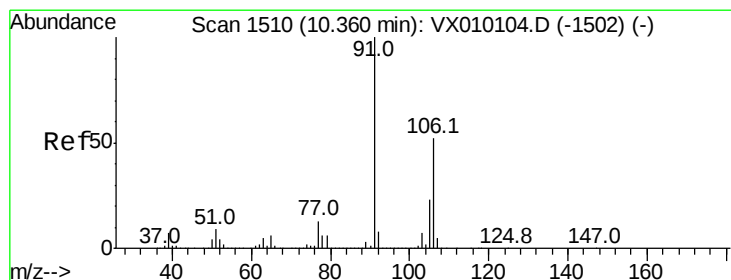
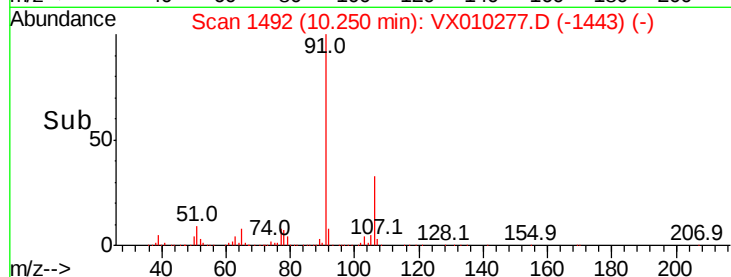
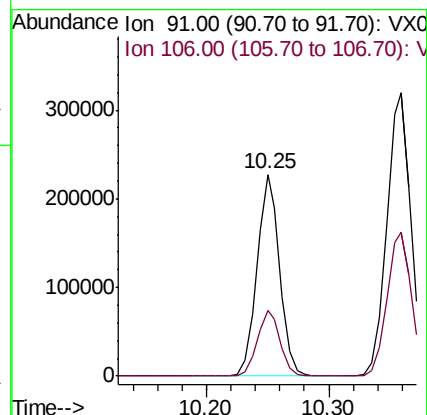
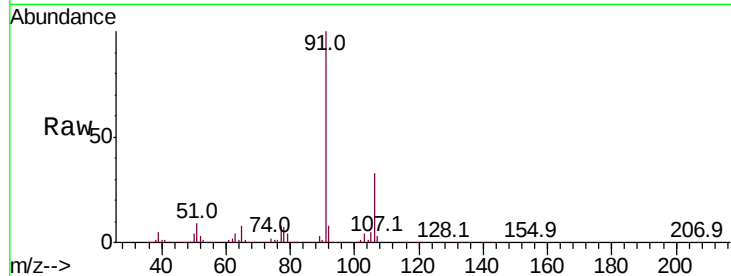
106 32.5 23.9 35.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 36.852 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010277.D

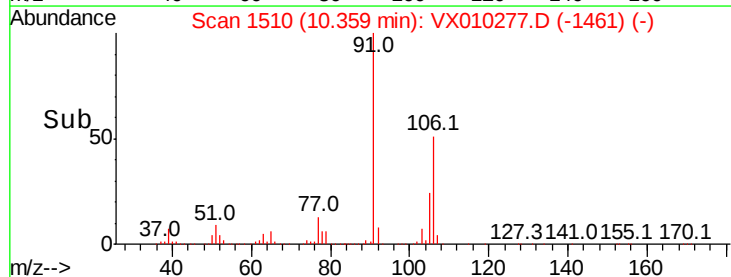
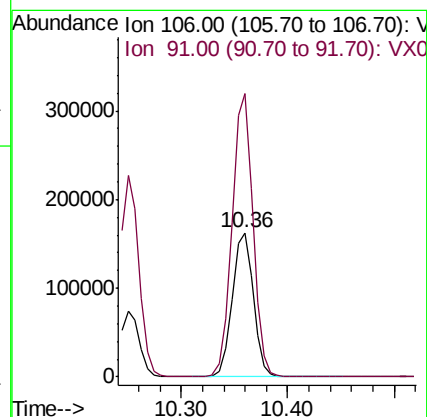
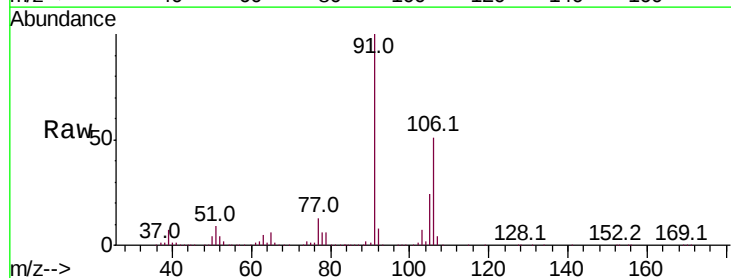
Acq: 13 Jun 2019 16:59

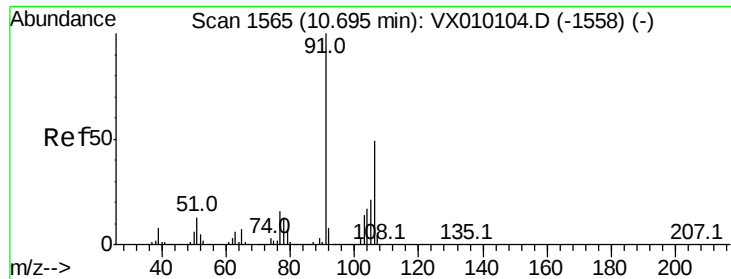
Tgt Ion: 106 Resp: 226505

Ion Ratio Lower Upper

106 100

91 193.8 167.3 250.9





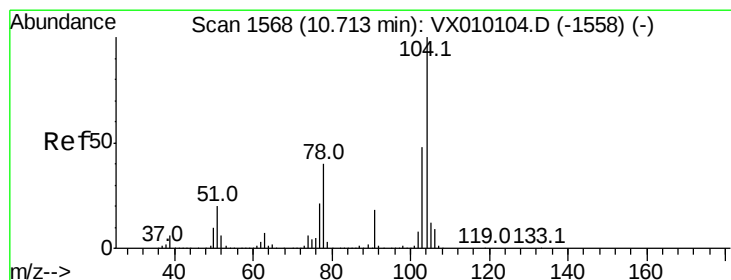
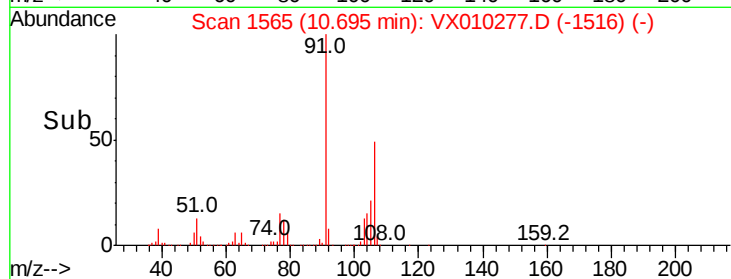
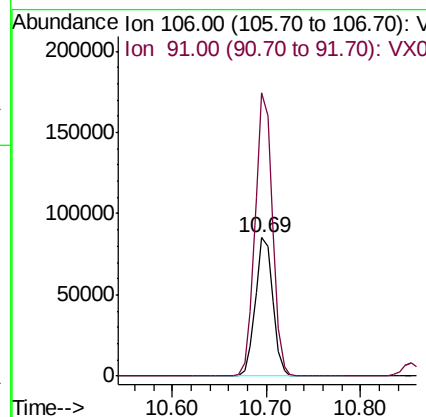
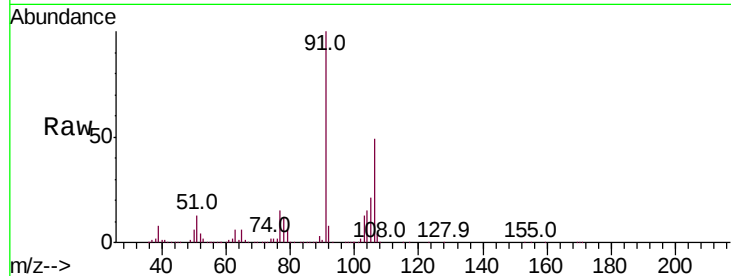
#69
o-Xylene
Concen: 18.388 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.8	110.4	331.2

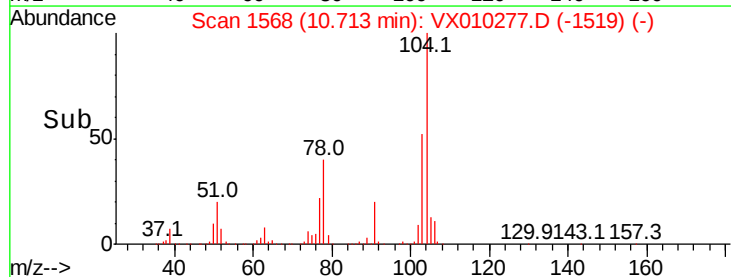
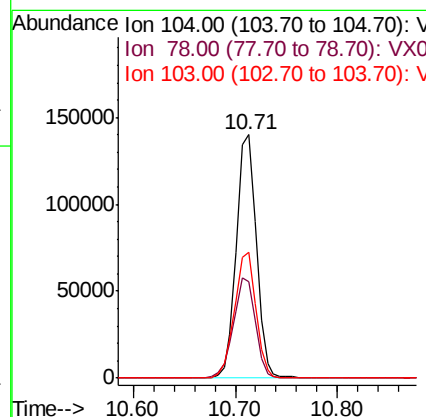
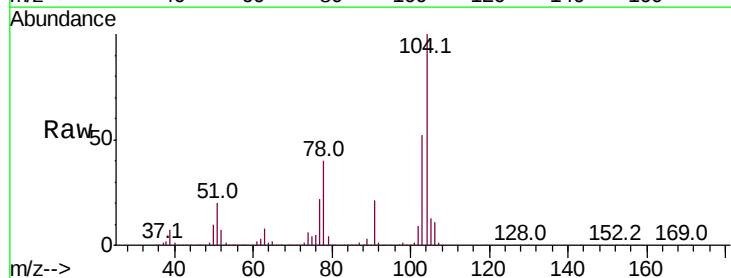
Manual Integrations
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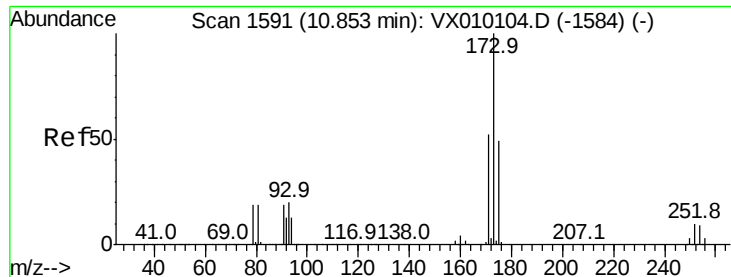
MMDadoda
6/14/2019 9:17:39 AM



#70
Styrene
Concen: 18.361 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.4	42.1	63.1
103	55.3	44.1	66.1





#71

Bromoform

Concen: 16.798 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion:173 Resp: 55408

Ion Ratio Lower Upper

173 100

175 48.4 25.0 75.0

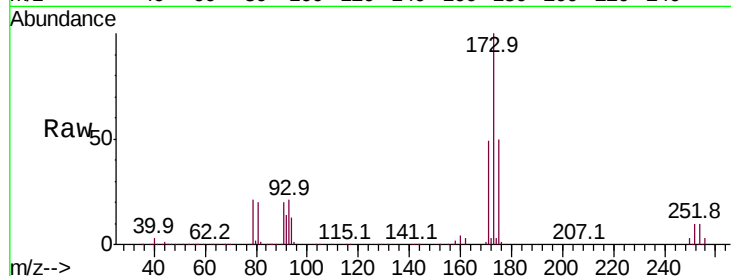
254 0.1 0.2 0.2#

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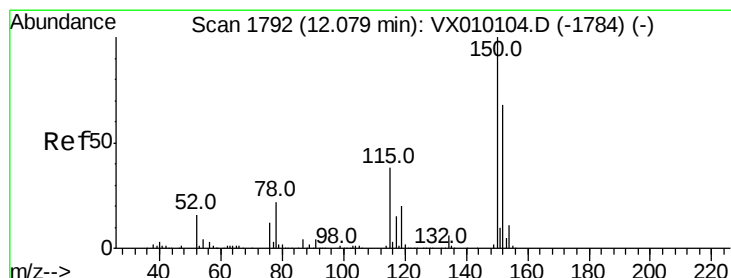
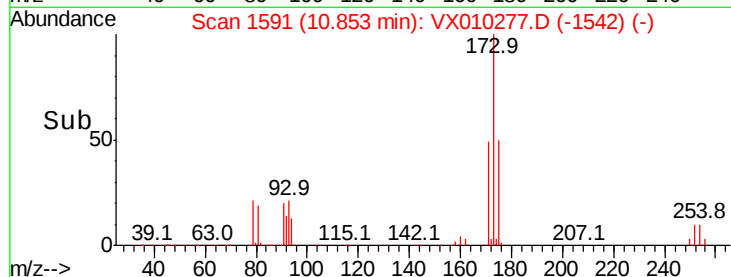
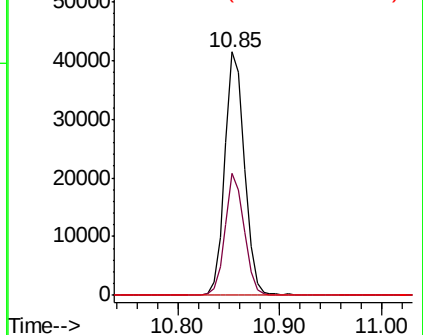
6/14/2019 9:17:39 AM



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: VX010277.D

Acq: 13 Jun 2019 16:59

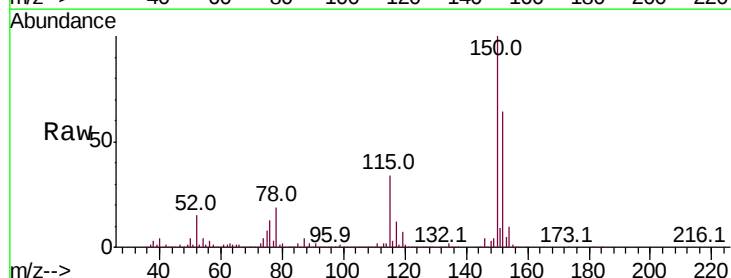
Tgt Ion:152 Resp: 233859

Ion Ratio Lower Upper

152 100

115 62.2 41.4 124.2

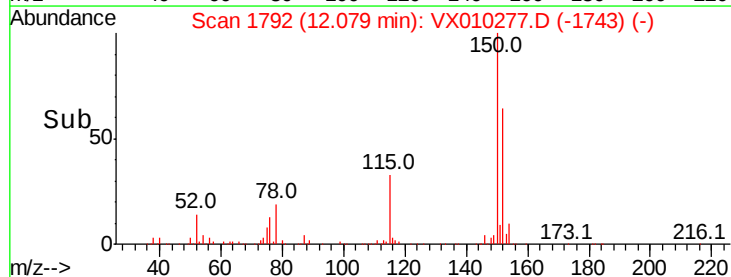
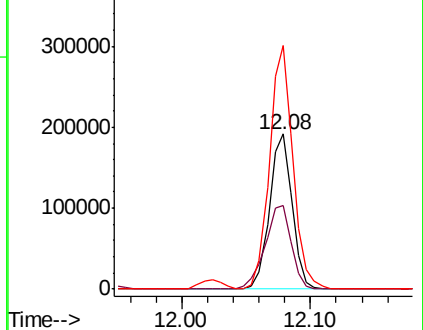
150 161.7 0.0 345.2

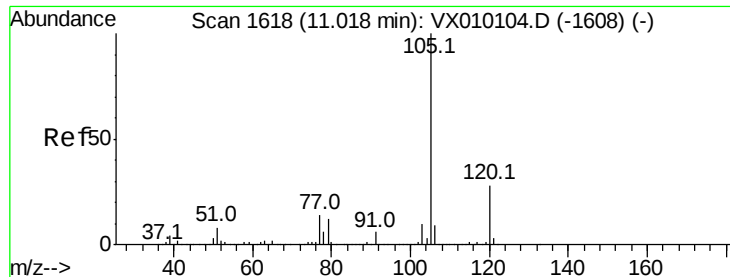


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.998 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion:105 Resp: 293818

Ion Ratio Lower Upper

105 100

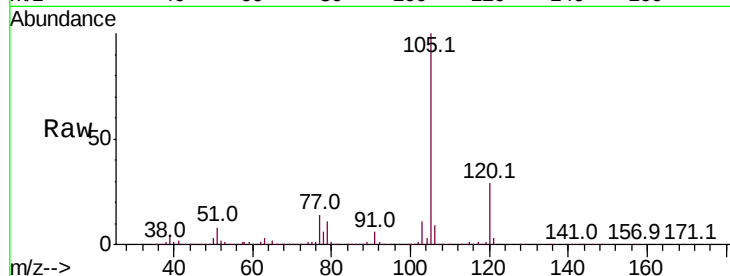
120 28.3 12.8 38.4

Manual Integrations

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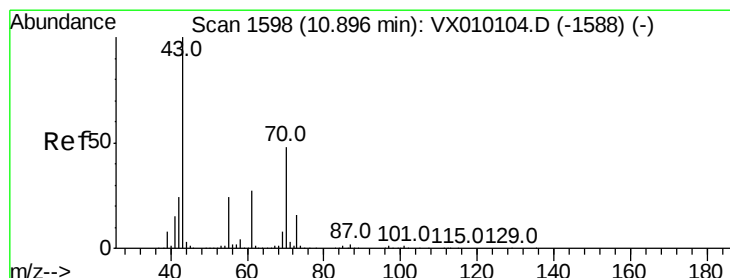
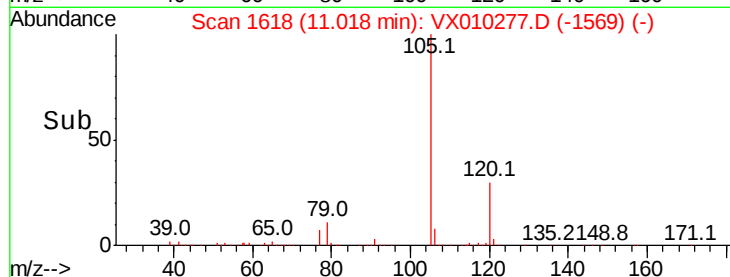
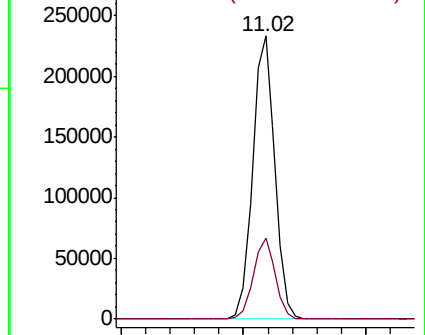
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.204 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion: 43 Resp: 117473

Ion Ratio Lower Upper

43 100

70 46.1 28.6 43.0#

55 22.8 17.8 26.8

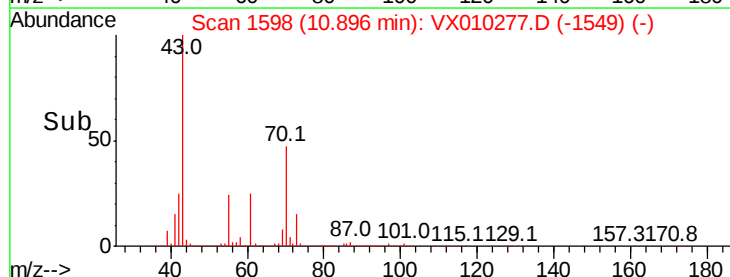
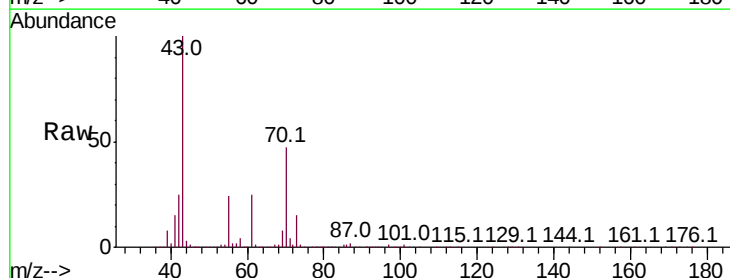
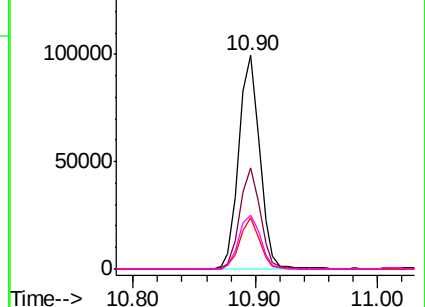
61 26.1 17.7 26.5

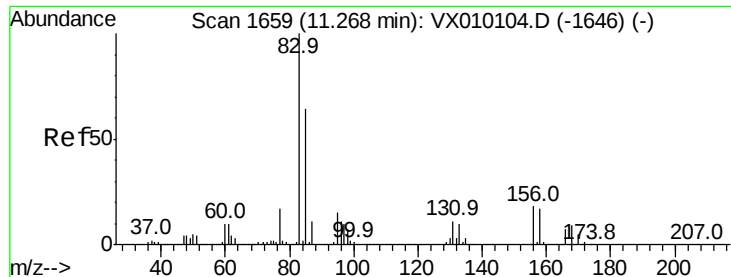
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.887 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

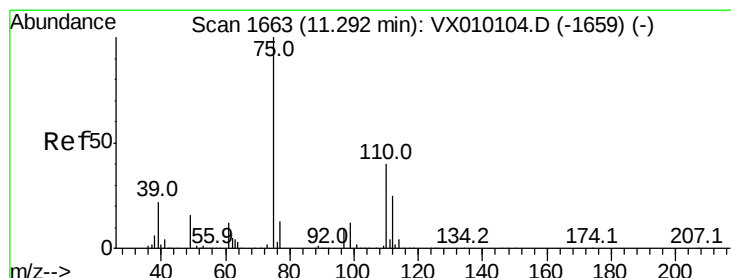
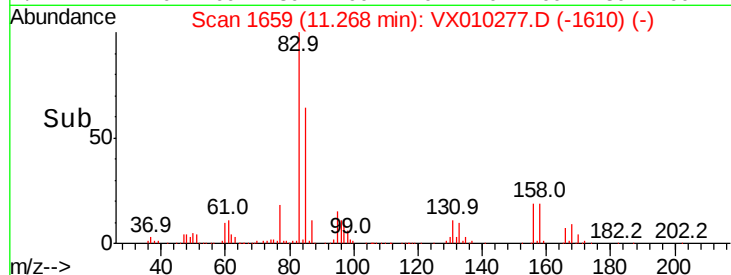
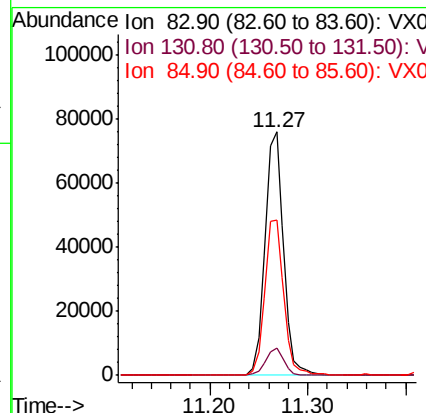
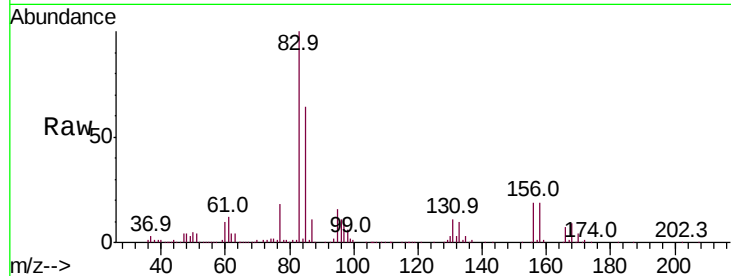
ClientSampleId :

VX0613WBSD01

Tot Ion:	83	Resp:	99957
Ion Ratio	Lower	Upper	
83	100		
131	11.1	4.7	14.1
85	65.4	31.9	95.9

Manual Integrations
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MMDadoda
6/14/2019 9:17:39 AM



#76

1,2,3-Trichloropropane

Concen: 17.583 ug/l m

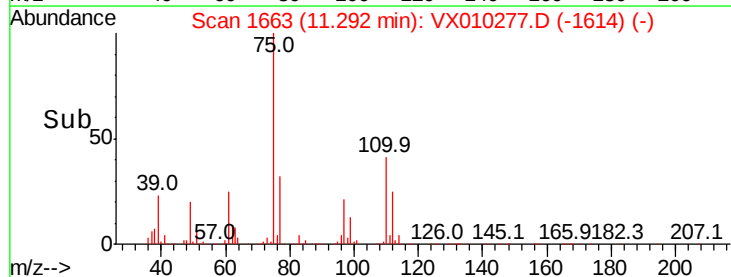
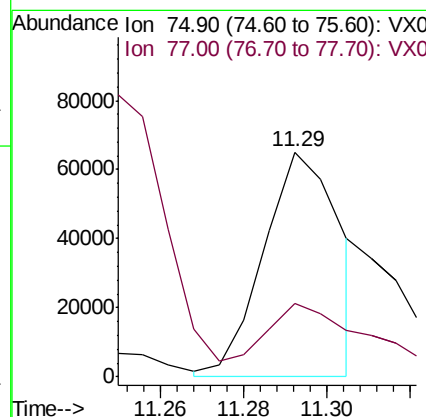
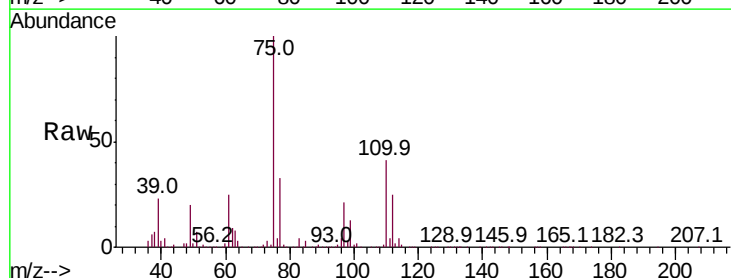
RT: 11.29 min Scan# 1663

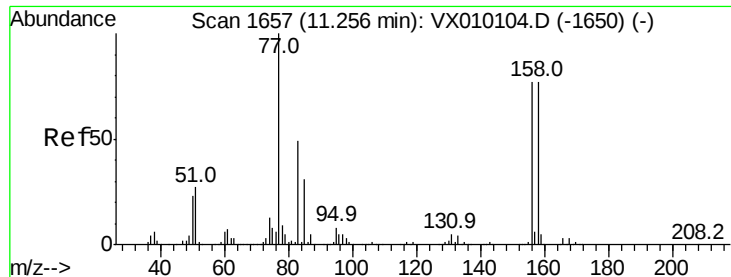
Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion:	75	Resp:	82246
Ion Ratio	Lower	Upper	
75	100		
77	45.4	22.1	66.1





#77

Bromobenzene

Concen: 18.231 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion:156 Resp: 81844

Ion Ratio Lower Upper

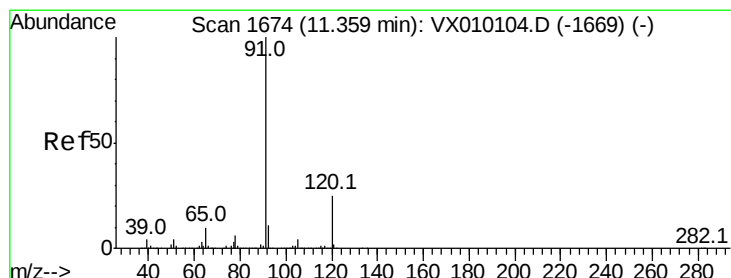
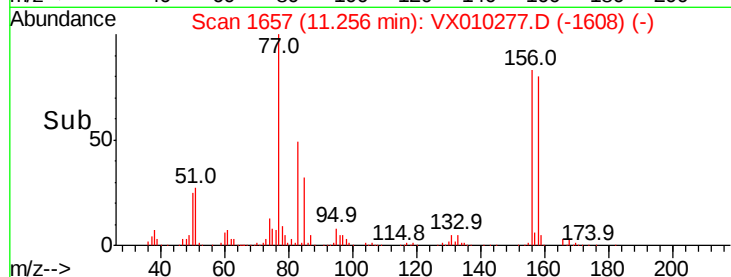
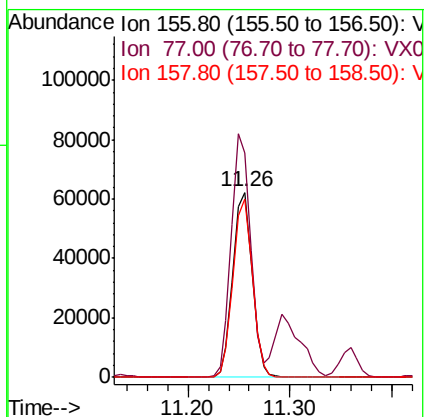
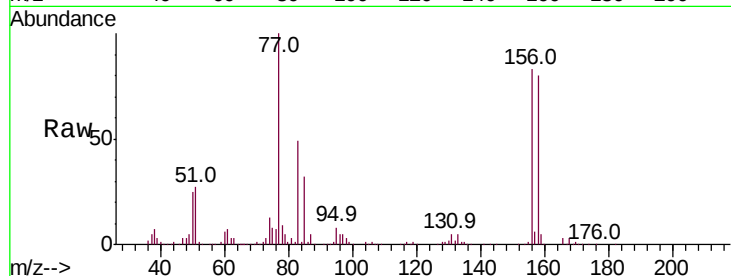
156 100

77 130.8 86.8 260.3

158 96.6 49.6 148.8

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#78

n-propylbenzene

Concen: 18.173 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010277.D

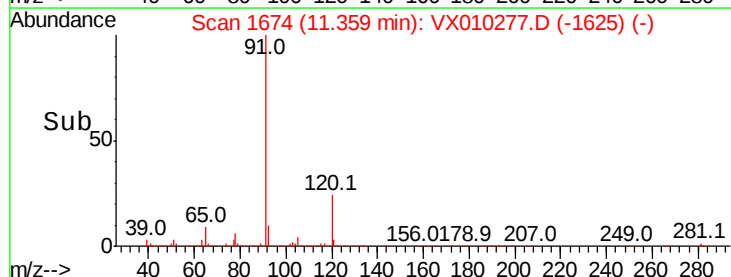
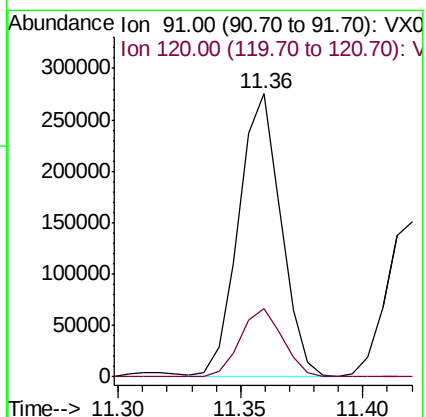
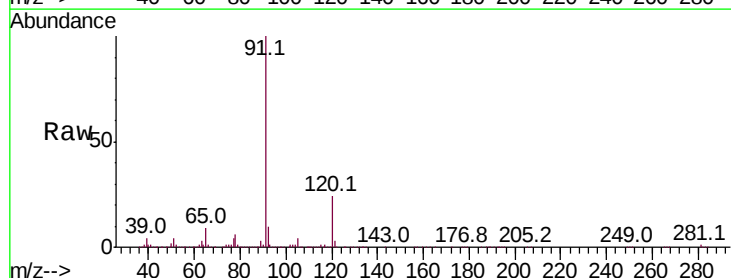
Acq: 13 Jun 2019 16:59

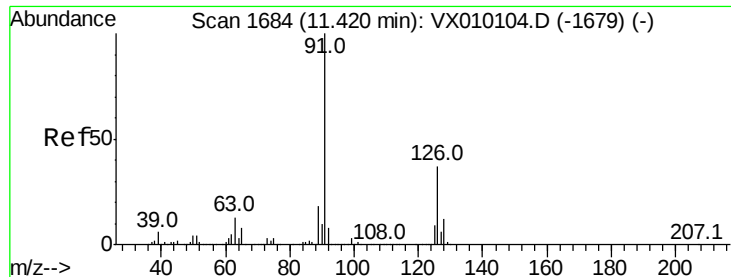
Tgt Ion: 91 Resp: 330277

Ion Ratio Lower Upper

91 100

120 24.5 11.1 33.3





#79

2-Chlorotoluene

Concen: 17.648 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 91 Resp: 192631

Ion Ratio Lower Upper

91 100

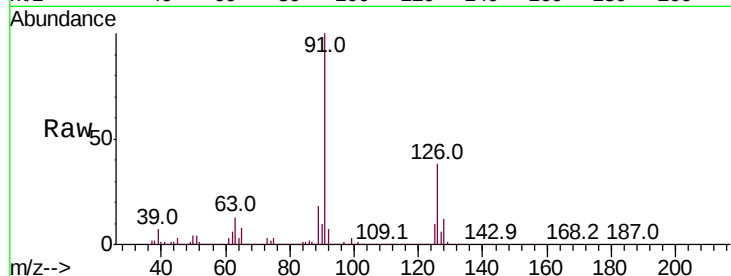
126 37.9 16.1 48.3

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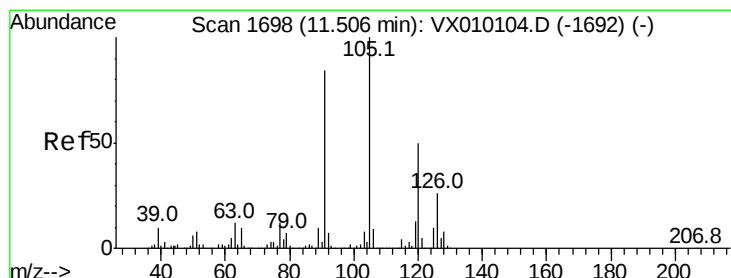
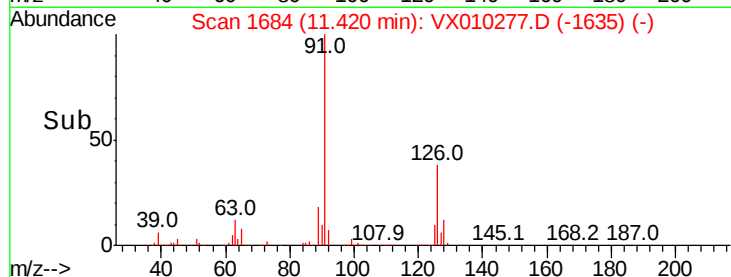
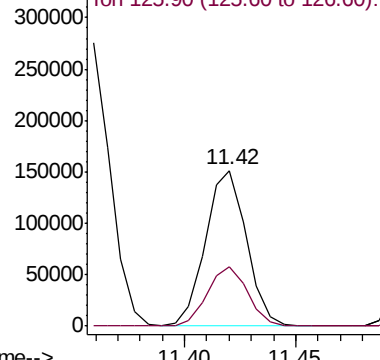
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.813 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010277.D

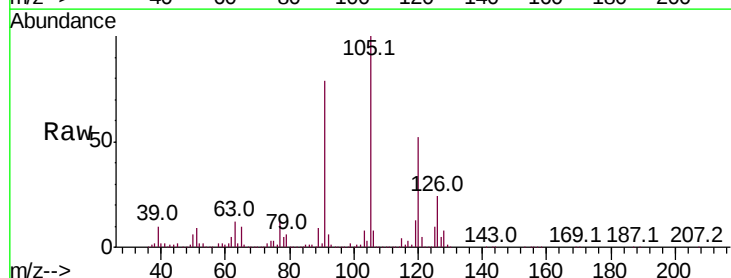
Acq: 13 Jun 2019 16:59

Tgt Ion:105 Resp: 244931

Ion Ratio Lower Upper

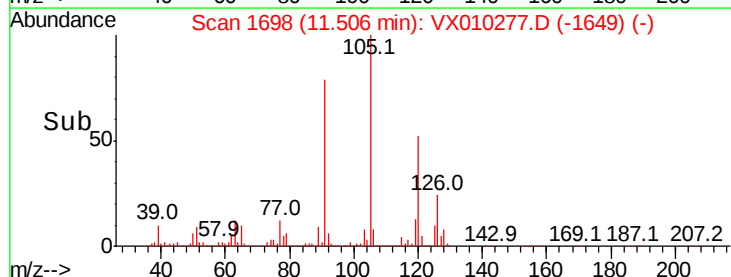
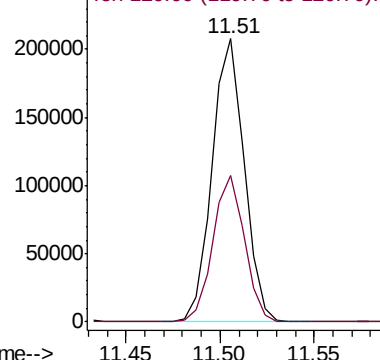
105 100

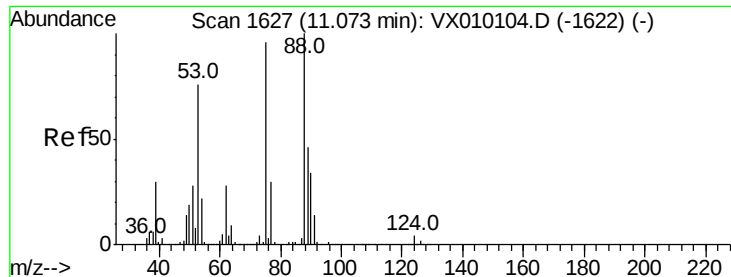
120 51.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.425 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 75 Resp: 32656

Ion Ratio Lower Upper

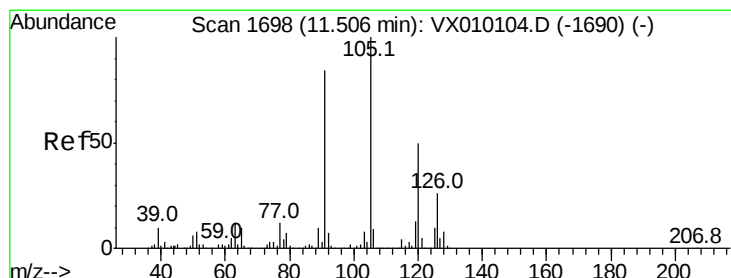
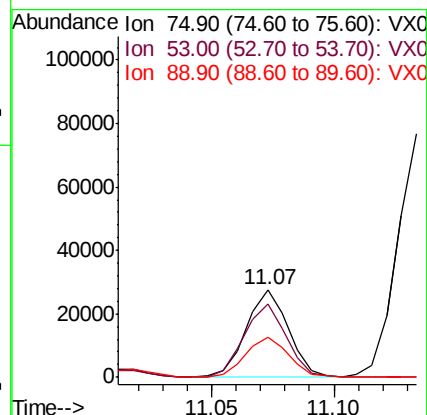
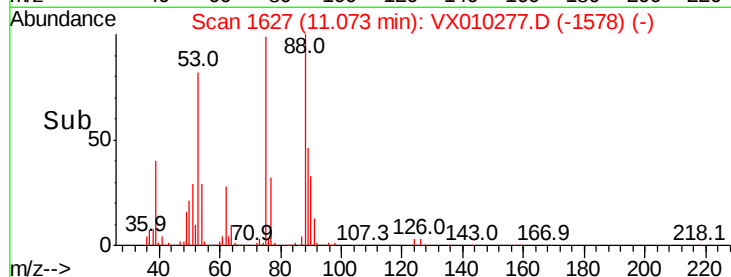
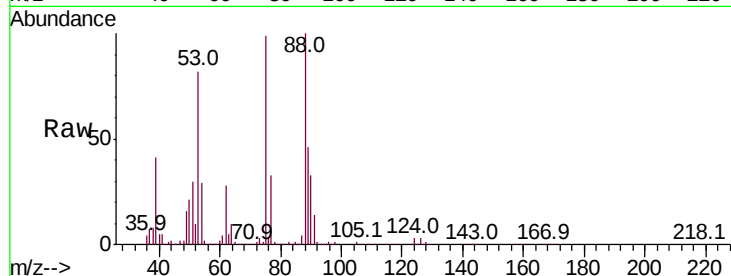
75 100

53 85.0 79.8 119.6

89 47.4 34.2 51.4

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#82

4-Chlorotoluene

Concen: 17.875 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010277.D

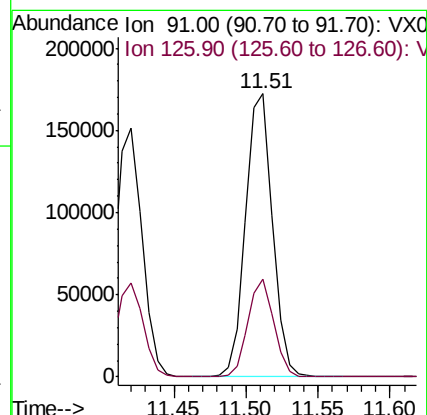
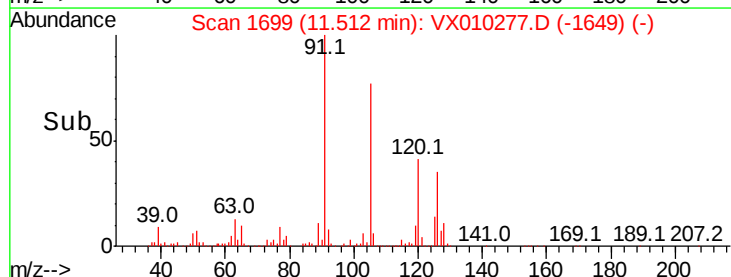
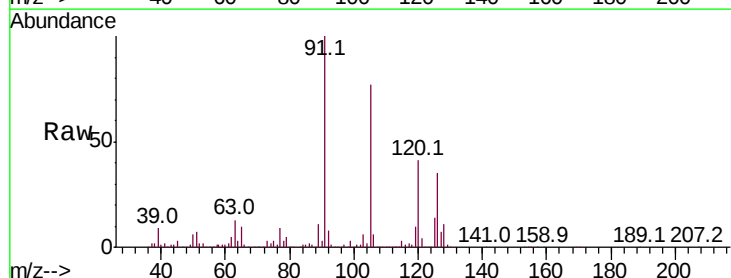
Acq: 13 Jun 2019 16:59

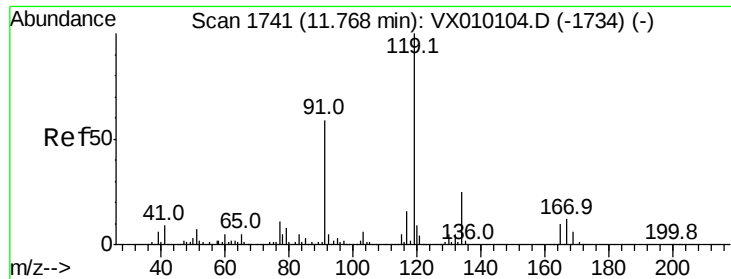
Tgt Ion: 91 Resp: 221636

Ion Ratio Lower Upper

91 100

126 33.2 14.2 42.6





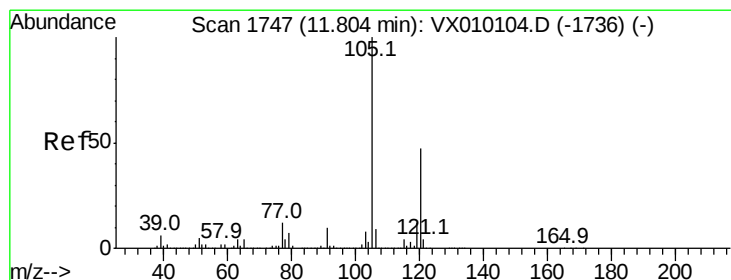
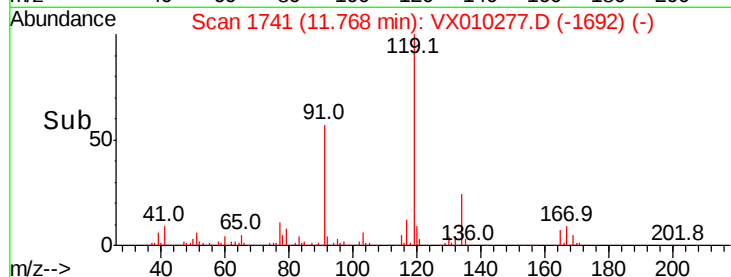
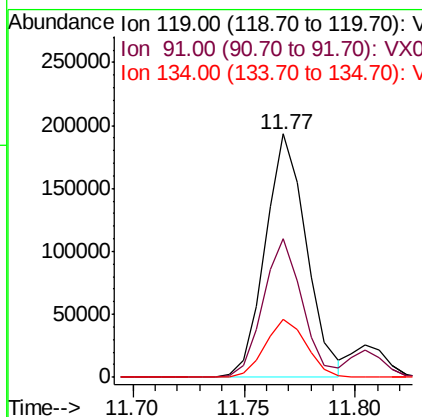
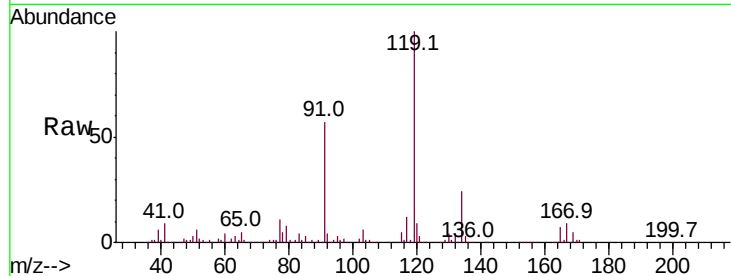
#83
tert-Butylbenzene
Concen: 17.790 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	247582		
91	54.8	30.0	90.0	
134	23.8	11.2	33.5	

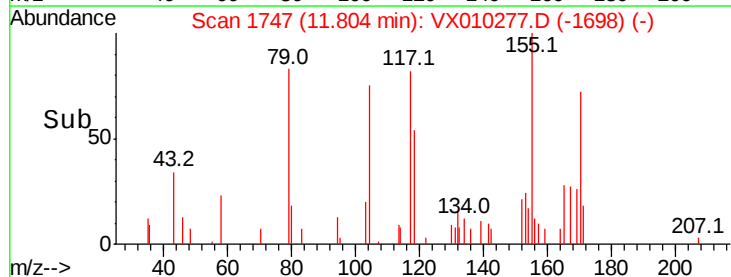
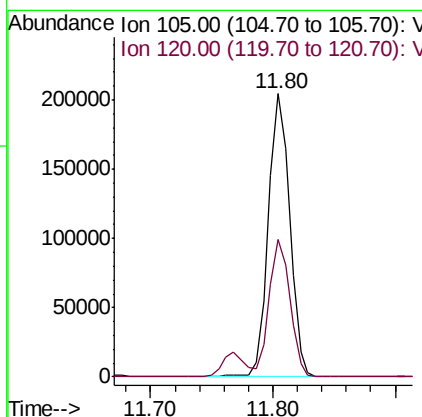
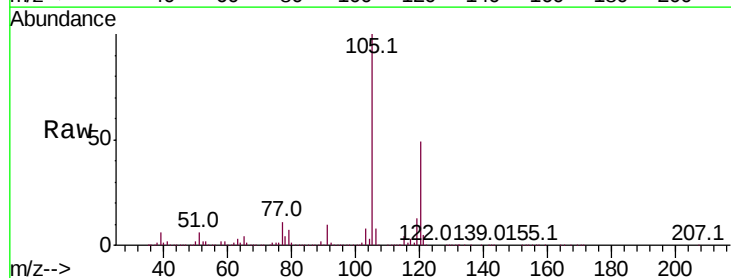
Manual Integrations
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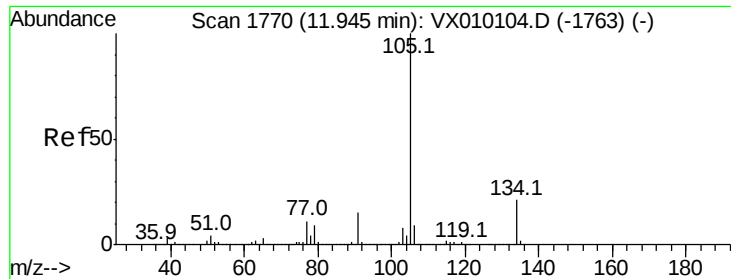
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 17.968 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010277.D
Acq: 13 Jun 2019 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249547		
120	46.9	22.1	66.1	





#85

sec-Butylbenzene

Concen: 17.882 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion:105 Resp: 289931

Ion Ratio Lower Upper

105 100

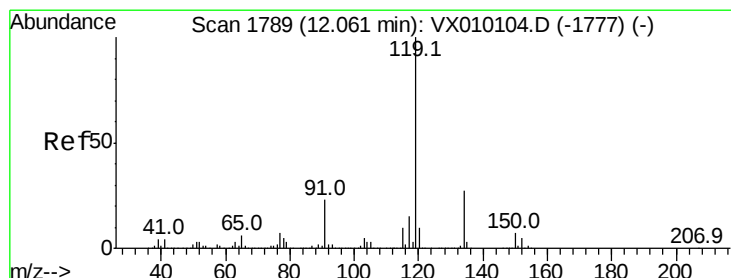
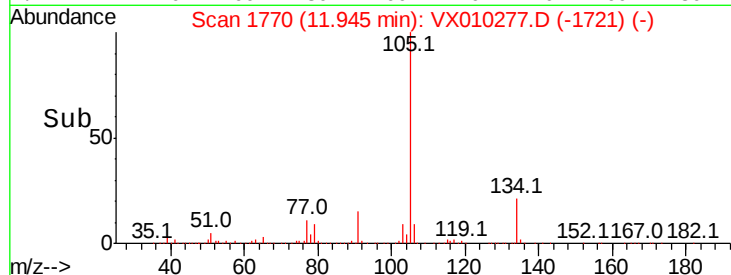
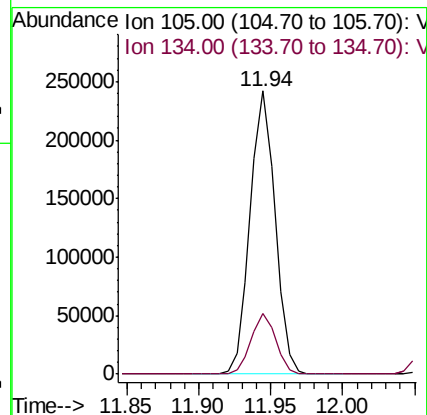
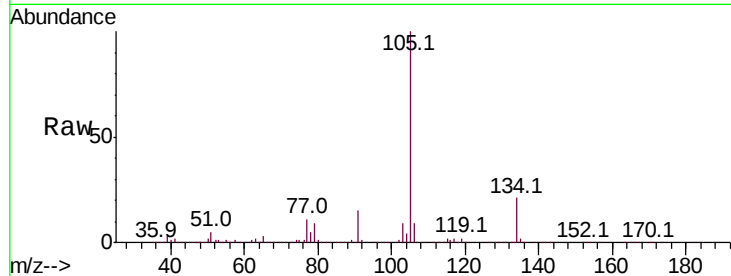
134 21.3 9.7 28.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.211 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

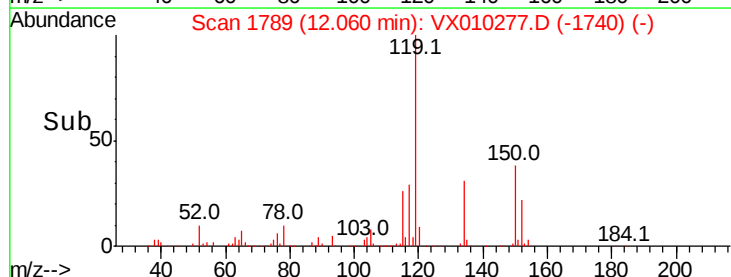
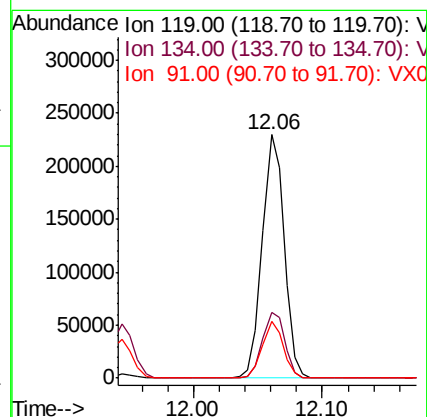
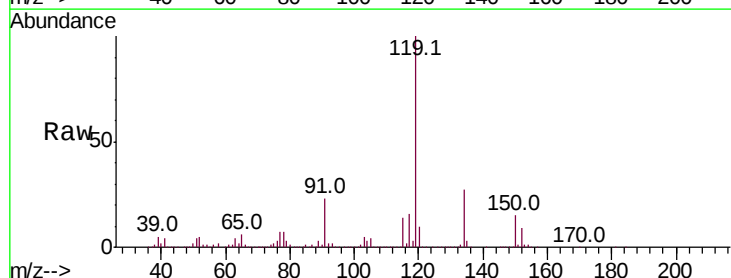
Tgt Ion:119 Resp: 269923

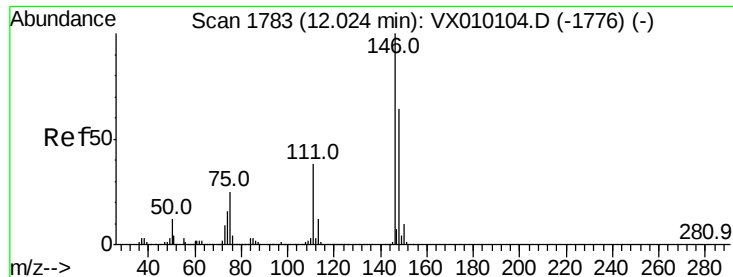
Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

91 22.3 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 18.144 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

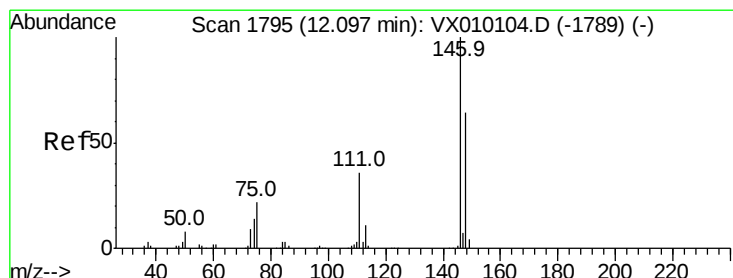
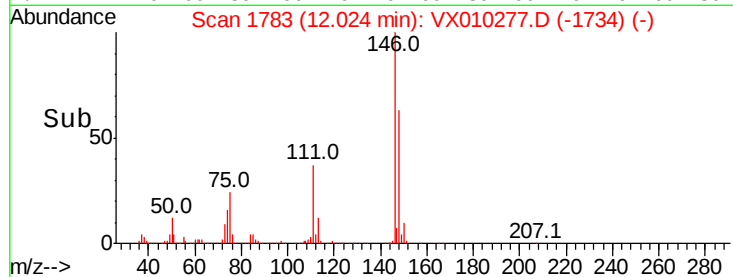
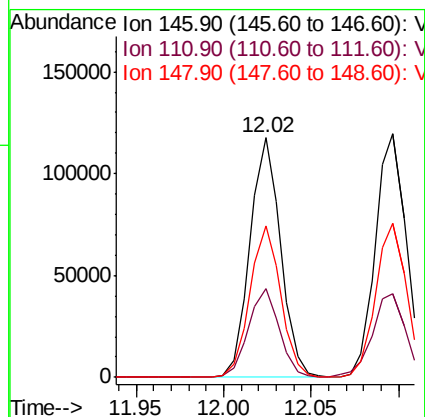
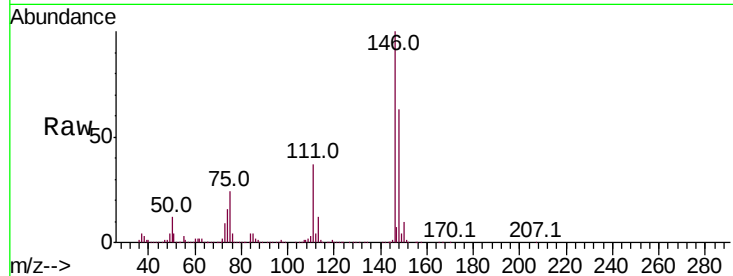
ClientSampleId :

VX0613WBSD01

Tot Ion:	146	Resp:	143471
Ion Ratio	Lower	Upper	
146	100		
111	36.8	20.1	60.2
148	63.6	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 18.360 ug/l

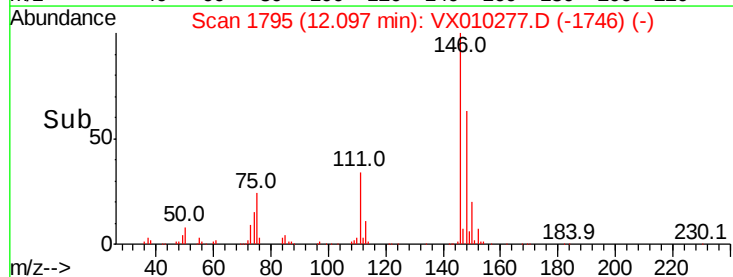
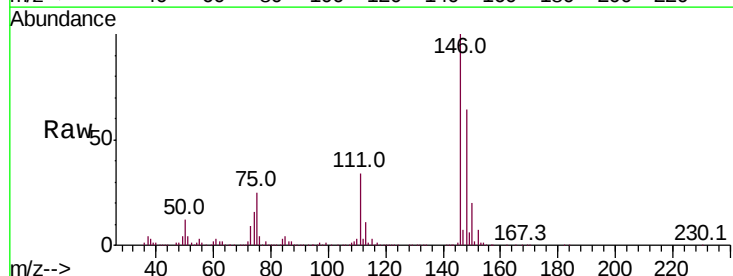
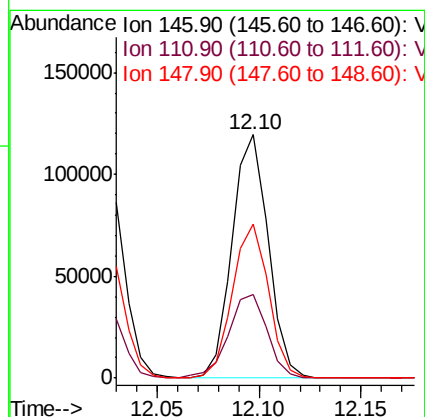
RT: 12.10 min Scan# 1795

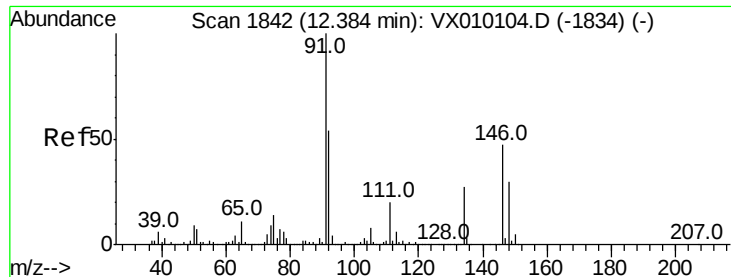
Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion:	146	Resp:	146356
Ion Ratio	Lower	Upper	
146	100		
111	37.0	20.0	59.9
148	63.4	32.3	96.9





#89

n-Butylbenzene

Concen: 18.382 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD01

Tot Ion: 91 Resp: 234528

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.8

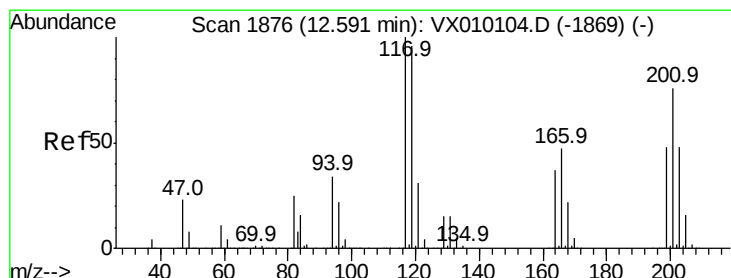
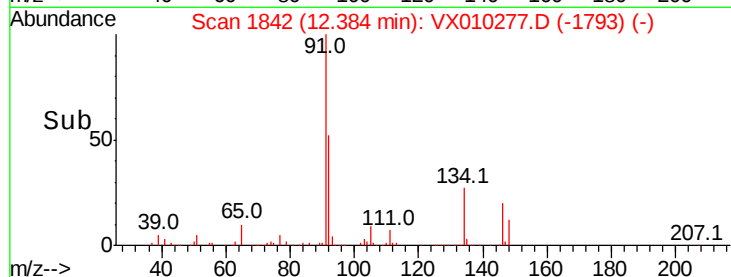
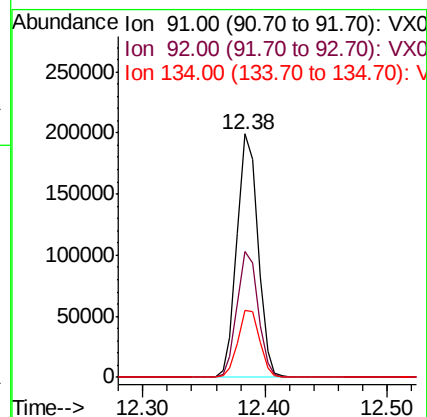
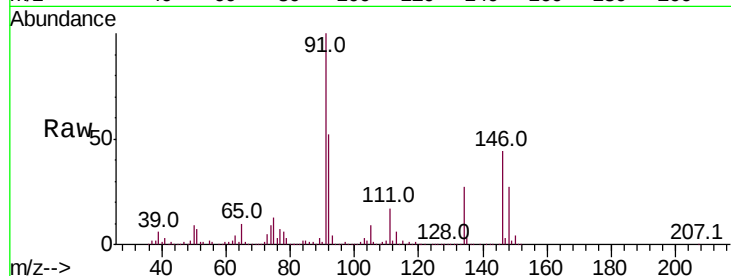
134 28.4 12.3 36.8

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#90

Hexachloroethane

Concen: 15.464 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX010277.D

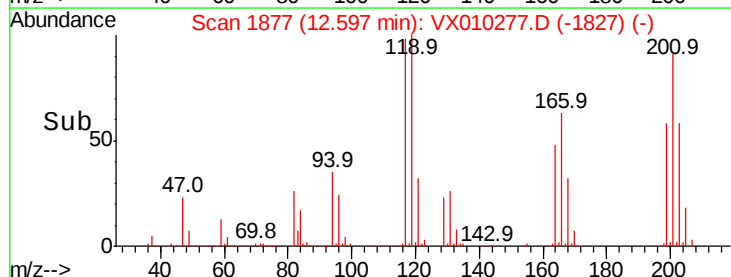
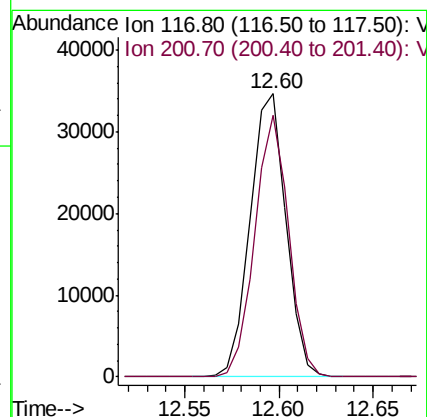
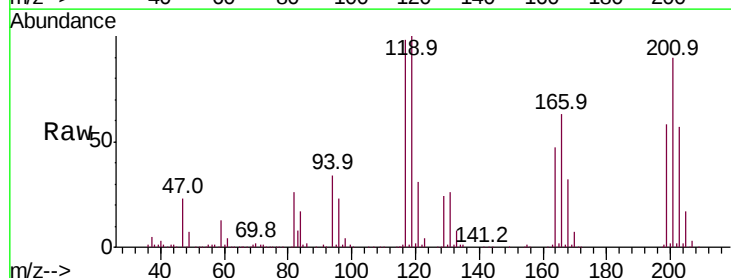
Acq: 13 Jun 2019 16:59

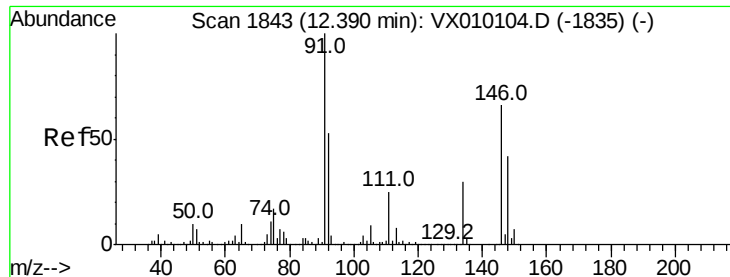
Tgt Ion: 117 Resp: 45661

Ion Ratio Lower Upper

117 100

201 87.3 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 18.881 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

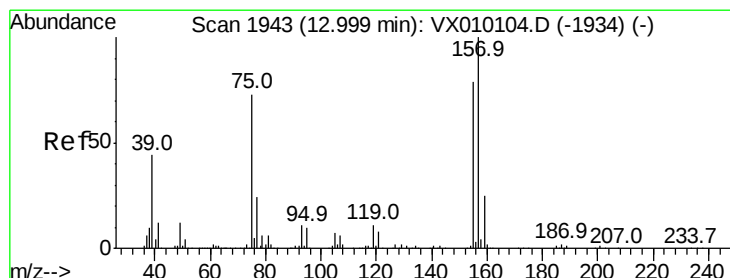
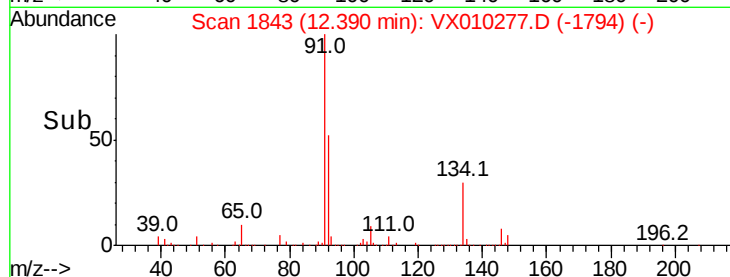
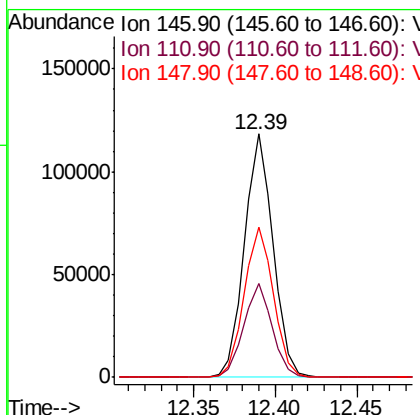
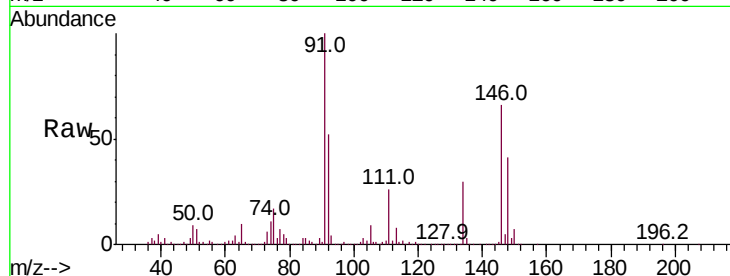
ClientSampleId :

VX0613WBSD01

Tot Ion:	146	Resp:	145147
Ion Ratio	Lower	Upper	
146	100		
111	38.3	21.1	63.1
148	63.1	32.3	96.8

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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.097 ug/l

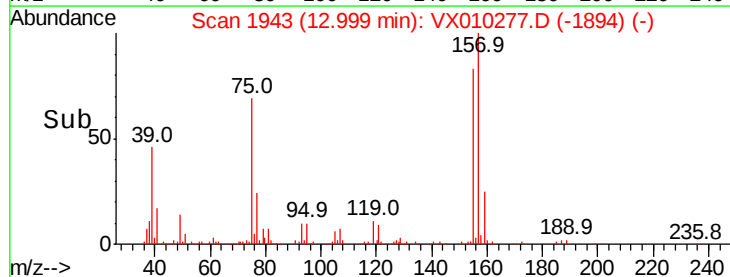
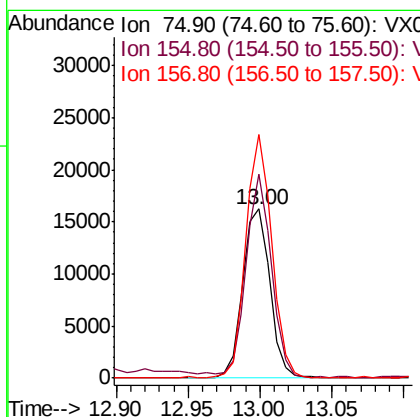
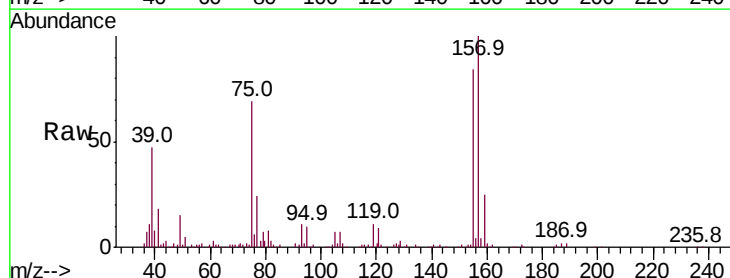
RT: 13.00 min Scan# 1943

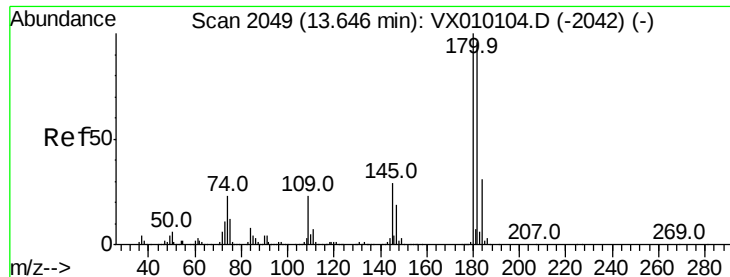
Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion:	75	Resp:	21167
Ion Ratio	Lower	Upper	
75	100		
155	110.7	39.3	117.8
157	137.4	50.6	151.8





#93

1,2,4-Trichlorobenzene

Concen: 18.564 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

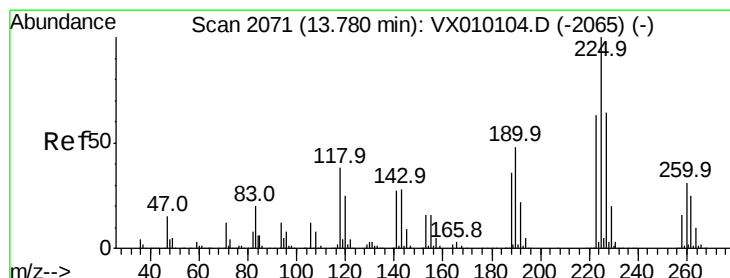
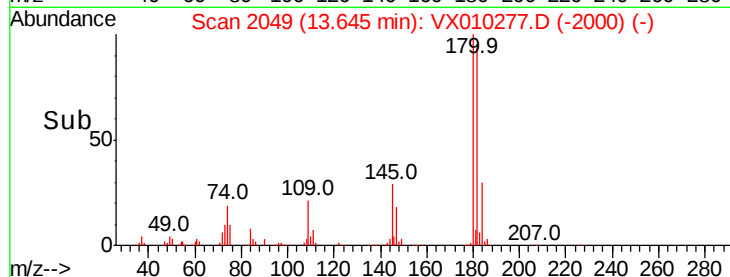
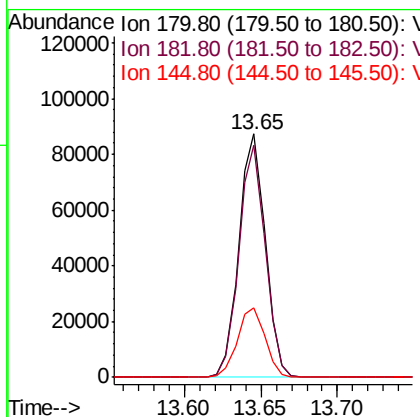
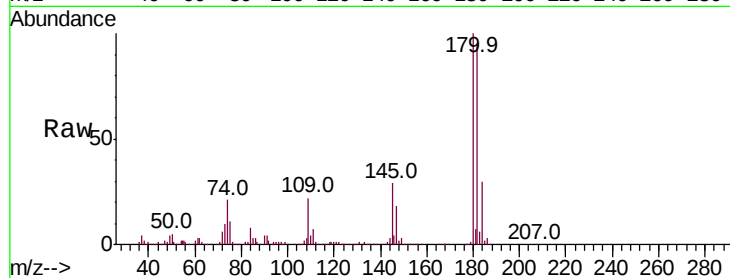
ClientSampleId :

VX0613WBSD01

Tot Ion:	180	Resp:	104463
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.4	142.2
145	30.0	14.5	43.5

Manual Integrations
APPROVED

MMDadoda
6/14/2019 9:17:39 AM



#94

Hexachlorobutadiene

Concen: 18.833 ug/l

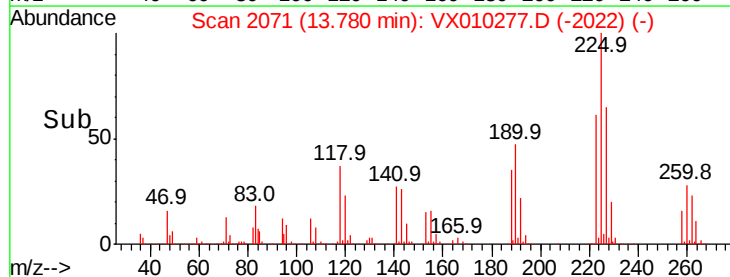
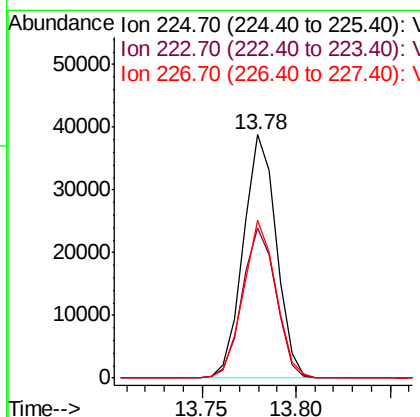
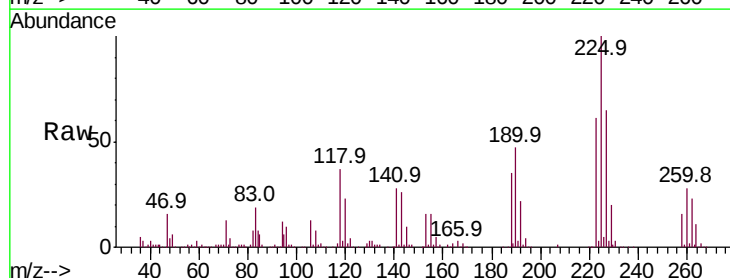
RT: 13.78 min Scan# 2071

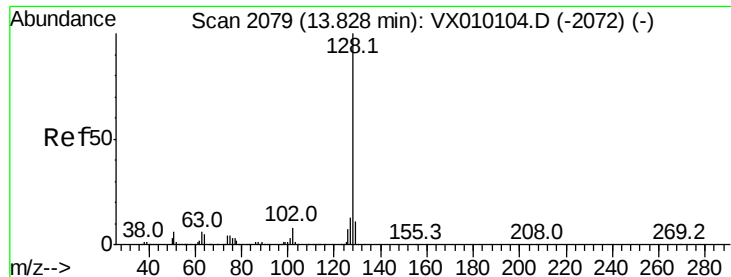
Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion:	225	Resp:	47132
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.3	93.8
227	64.4	32.3	96.8





#95

Naphthalene

Concen: 18.919 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Instrument :

MSVOA_X

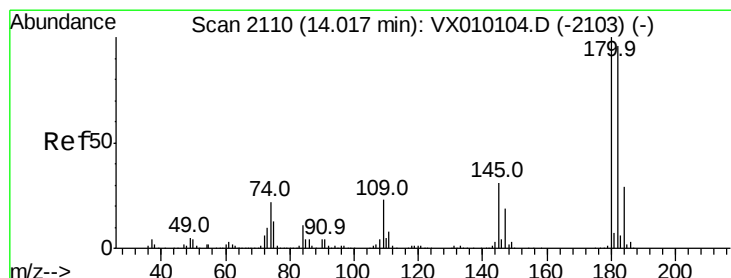
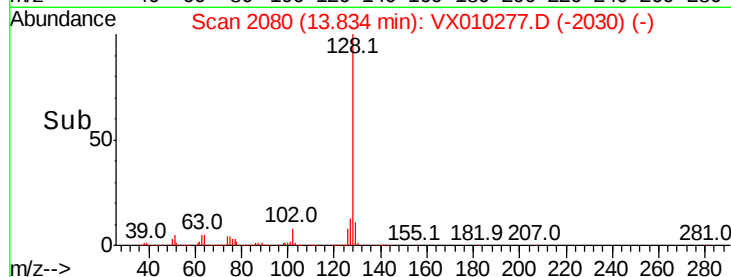
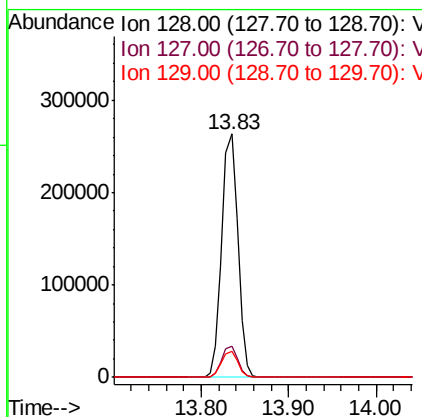
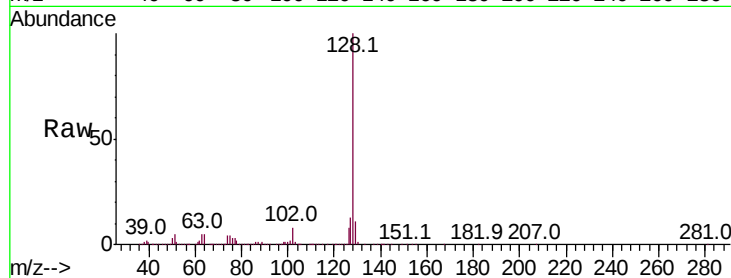
ClientSampleId :

VX0613WBSD01

Tot Ion:	128	Resp:	335130
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/14/2019 9:17:39 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.543 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010277.D

Acq: 13 Jun 2019 16:59

Tgt Ion:	180	Resp:	103170
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.3	142.0
145	31.2	15.6	46.7

