

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010507.D
 Acq On : 28 Jun 2019 00:16
 Operator : JC/SP
 Sample : VX0627WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:36:40 AM

Quant Time: Jun 28 08:00:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173497	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	116743	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.86%		
35) Dibromofluoromethane	5.50	113	115342	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.40%		
50) Toluene-d8	8.71	98	428936	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.60%		
62) 4-Bromofluorobenzene	11.13	95	150487	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.84%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	30468	17.573	ug/l	97
3) Chloromethane	1.32	50	34692	17.184	ug/l	100
4) Vinyl Chloride	1.41	62	39013	17.643	ug/l	99
5) Bromomethane	1.64	94	21775	20.213	ug/l	95
6) Chloroethane	1.72	64	24914	19.097	ug/l	99
7) Trichlorofluoromethane	1.93	101	66663	19.017	ug/l	100
8) Diethyl Ether	2.19	74	24108	19.178	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38787	18.259	ug/l	100
10) Methyl Iodide	2.51	142	55506	18.309	ug/l	99
11) Tert butyl alcohol	3.05	59	54755	89.495	ug/l	97
12) 1,1-Dichloroethene	2.37	96	39100	18.089	ug/l	98
13) Acrolein	2.29	56	27891	68.719	ug/l	96
14) Allyl chloride	2.73	41	54759	17.844	ug/l	100
15) Acrylonitrile	3.14	53	118608	97.914	ug/l	99
16) Acetone	2.45	43	98959	84.449	ug/l	99
17) Carbon Disulfide	2.57	76	89319	15.402	ug/l	97
18) Methyl Acetate	2.78	43	47498	20.337	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	130779	19.232	ug/l	99
20) Methylene Chloride	2.85	84	45805	18.994	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	42592	18.321	ug/l	97
22) Diisopropyl ether	3.86	45	122372	19.072	ug/l	89
23) Vinyl Acetate	3.82	43	521896	94.156	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71159	19.187	ug/l	99
25) 2-Butanone	4.67	43	160747	93.516	ug/l	98
26) 2,2-Dichloropropane	4.59	77	43778	13.588	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	50767	18.897	ug/l	97
28) Bromochloromethane	5.01	49	35441	19.987	ug/l	99
29) Tetrahydrofuran	5.13	42	100179	94.091	ug/l	97
30) Chloroform	5.21	83	75526	18.927	ug/l	99
31) Cyclohexane	5.58	56	60635	17.953	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	65768	18.665	ug/l	100
36) 1,1-Dichloropropene	5.81	75	52346	17.541	ug/l	99
37) Ethyl Acetate	4.84	43	59170	19.274	ug/l	99
38) Carbon Tetrachloride	5.78	117	57983	17.943	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68000	17.335	ug/l	98
40) Benzene	6.15	78	175152	18.839	ug/l	99
41) Methacrylonitrile	5.05	41	31628	18.776	ug/l	97
42) 1,2-Dichloroethane	6.19	62	55737	19.695	ug/l	100
43) Isopropyl Acetate	6.45	43	96461	18.991	ug/l	99
44) Trichloroethene	7.21	130	51088	18.364	ug/l	100
45) 1,2-Dichloropropane	7.51	63	44488	18.949	ug/l	97
46) Dibromomethane	7.66	93	32005	19.000	ug/l	98
47) Bromodichloromethane	7.90	83	55881	18.102	ug/l	95
48) Methyl methacrylate	7.77	41	44249	18.742	ug/l	97
49) 1,4-Dioxane	7.74	88	27664	406.752	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	319319	98.297	ug/l	99
52) Toluene	8.79	92	114660	18.728	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57426	16.592	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	65383	17.384	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48762	19.311	ug/l	98
56) Ethyl methacrylate	9.18	69	70415	18.409	ug/l	98
57) 1,3-Dichloropropane	9.37	76	74746	19.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	170080	93.623	ug/l	99
59) 2-Hexanone	9.49	43	248242	97.095	ug/l	100
60) Dibromochloromethane	9.58	129	49638	17.557	ug/l	99
61) 1,2-Dibromoethane	9.67	107	51063	18.735	ug/l	99
64) Tetrachloroethene	9.34	164	54621	19.749	ug/l	98
65) Chlorobenzene	10.14	112	129191	18.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	46691	18.464	ug/l	98
67) Ethyl Benzene	10.25	91	219526	18.731	ug/l	99
68) m/p-Xylenes	10.36	106	168786	37.167	ug/l	100
69) o-Xylene	10.69	106	83830	18.771	ug/l	99
70) Styrene	10.71	104	140760	18.794	ug/l	99
71) Bromoform	10.85	173	37833	17.204	ug/l #	99
73) Isopropylbenzene	11.02	105	221104	18.800	ug/l	99
74) N-amyl acetate	10.90	43	84120	18.926	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	75198	19.307	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	60775m	19.223	ug/l	
77) Bromobenzene	11.26	156	62351	18.986	ug/l	97
78) n-propylbenzene	11.36	91	237638	18.385	ug/l	100
79) 2-Chlorotoluene	11.42	91	142572	18.523	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	179894	18.554	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	19520	14.404	ug/l	89
82) 4-Chlorotoluene	11.51	91	162402	18.542	ug/l	98
83) tert-Butylbenzene	11.77	119	178825	18.376	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	182966	18.783	ug/l	99
85) sec-Butylbenzene	11.94	105	213300	18.668	ug/l	100
86) p-Isopropyltoluene	12.06	119	192338	18.199	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	107251	18.710	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	106465	18.243	ug/l	99
89) n-Butylbenzene	12.38	91	156418	17.417	ug/l	98
90) Hexachloroethane	12.59	117	30117	16.481	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	107505	18.869	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14487	17.251	ug/l	98

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ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

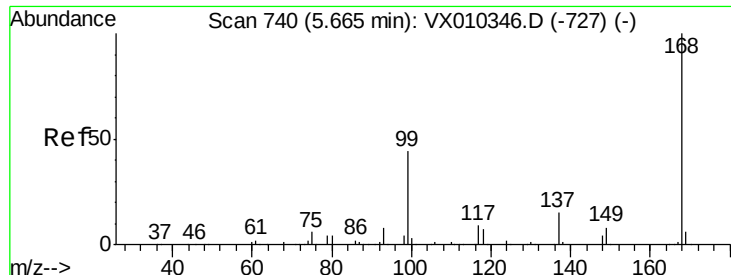
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	73077	18.496	ug/l	99
94) Hexachlorobutadiene	13.78	225	35513	18.391	ug/l	99
95) Naphthalene	13.83	128	231417	19.060	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	73666	18.753	ug/l	99

(#) = 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: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

Tot Ion:168 Resp: 249379

Ion Ratio Lower Upper

168 100

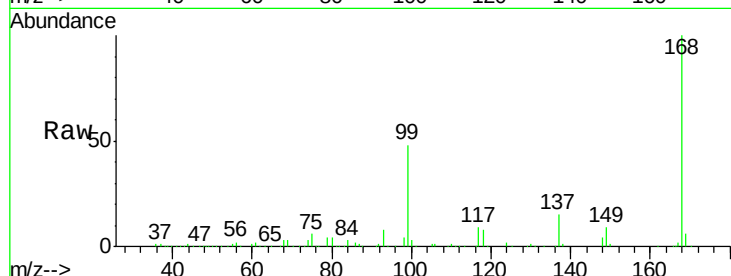
99 48.1 35.5 53.3

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

80000

60000

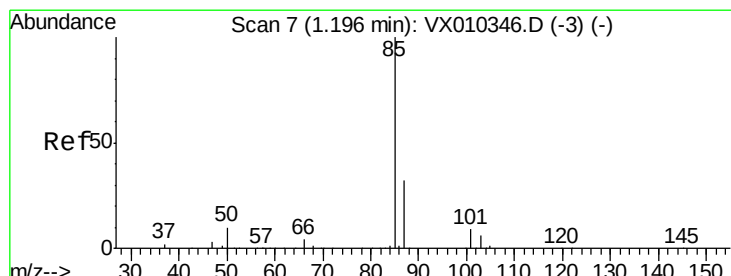
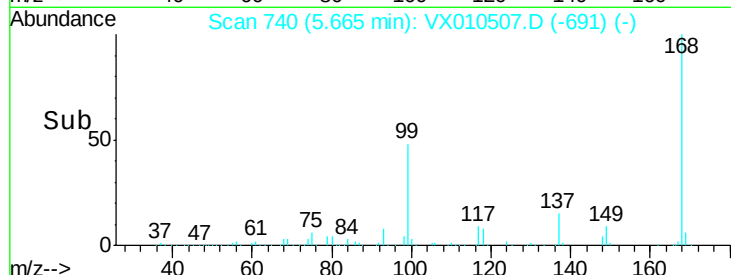
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.573 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010507.D

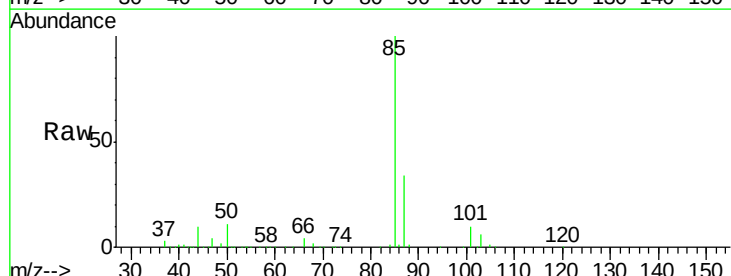
Acq: 28 Jun 2019 00:16

Tgt Ion: 85 Resp: 30468

Ion Ratio Lower Upper

85 100

87 34.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

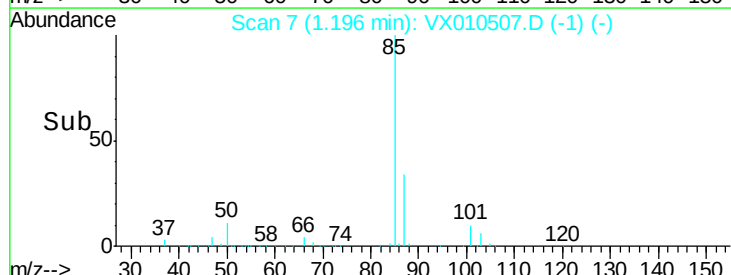
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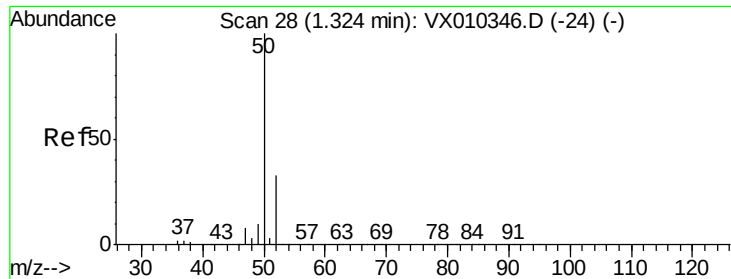
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.184 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

Tot Ion: 50 Resp: 34692

Ion Ratio Lower Upper

50 100

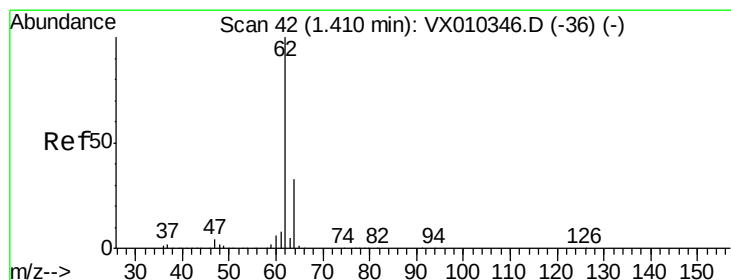
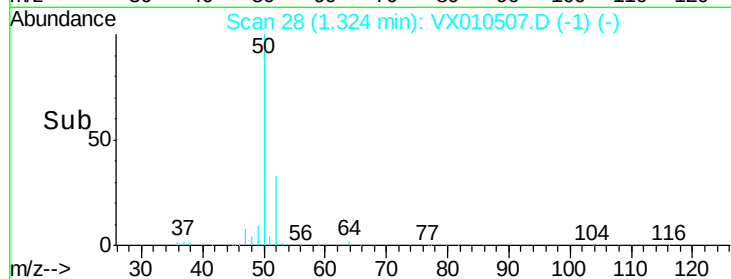
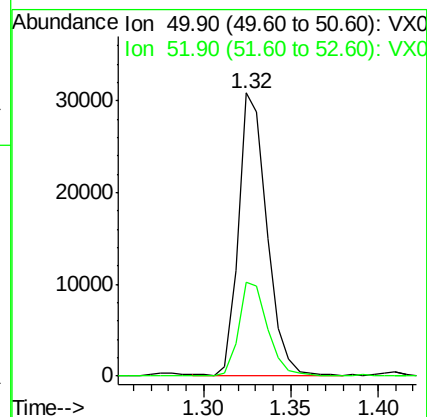
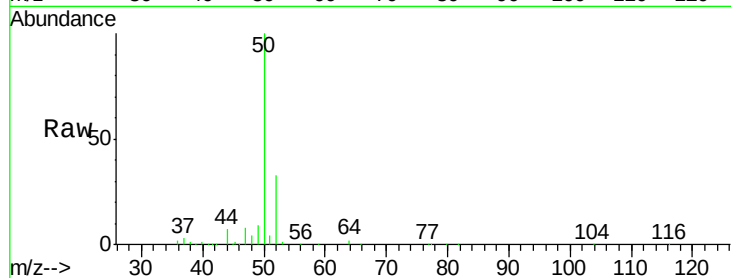
52 33.1 26.5 39.7

Manual Integrations

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6/28/2019 10:36:40 AM



#4

Vinyl Chloride

Concen: 17.643 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010507.D

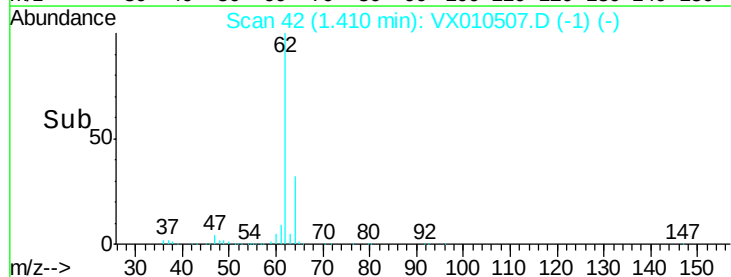
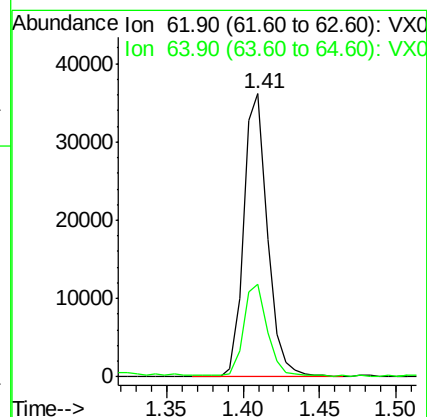
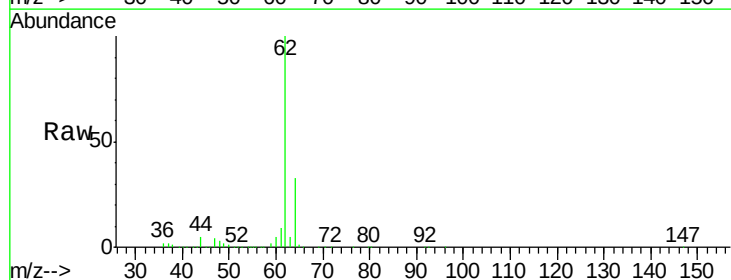
Acq: 28 Jun 2019 00:16

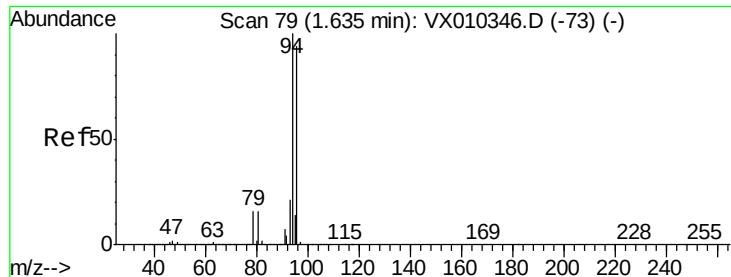
Tgt Ion: 62 Resp: 39013

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.4





#5

Bromomethane

Concen: 20.213 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

Tot Ion: 94 Resp: 21775

Ion Ratio Lower Upper

94 100

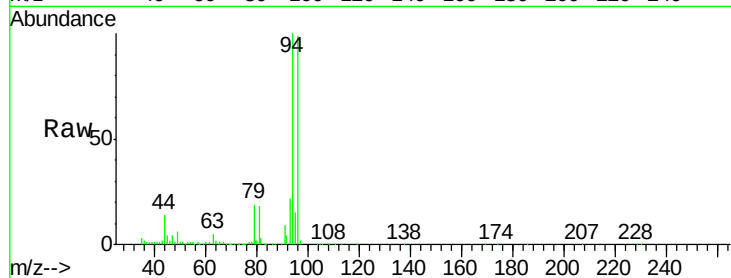
96 99.6 75.5 113.3

Manual Integrations

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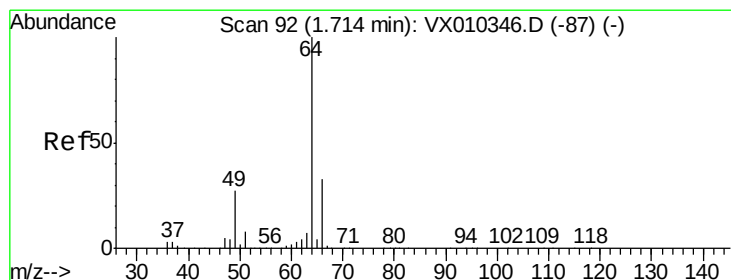
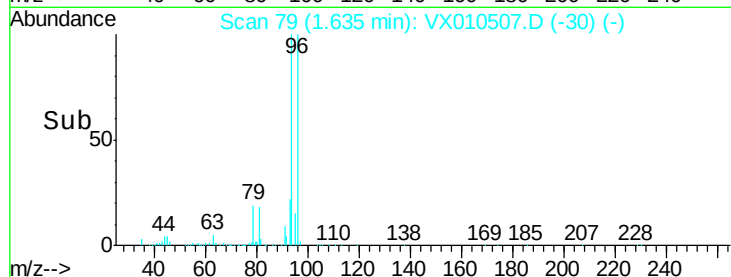
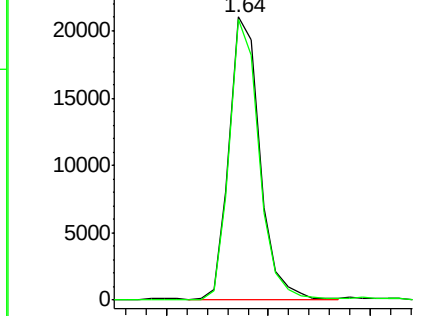
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.097 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010507.D

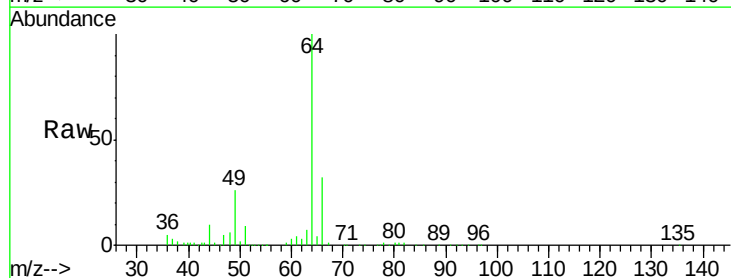
Acq: 28 Jun 2019 00:16

Tgt Ion: 64 Resp: 24914

Ion Ratio Lower Upper

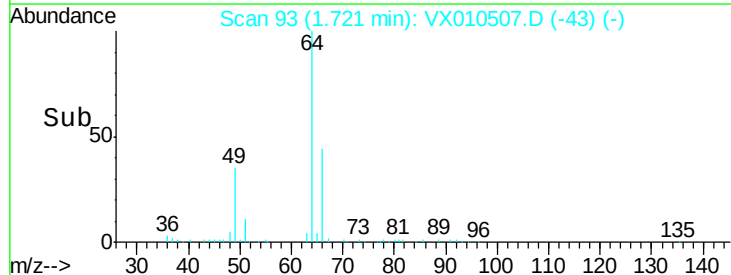
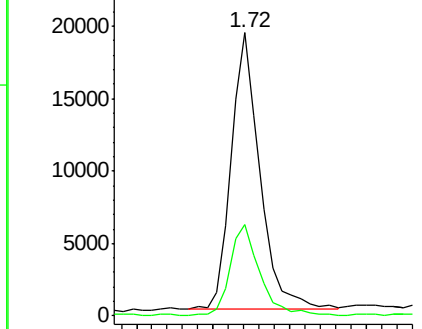
64 100

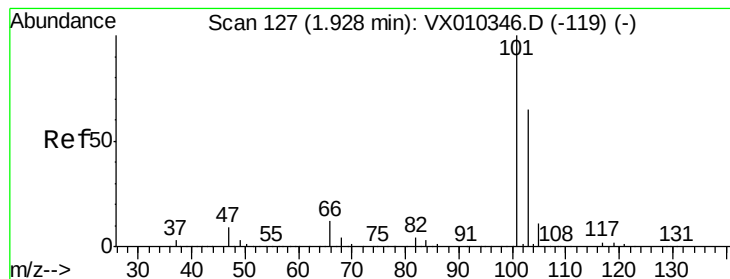
66 32.9 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

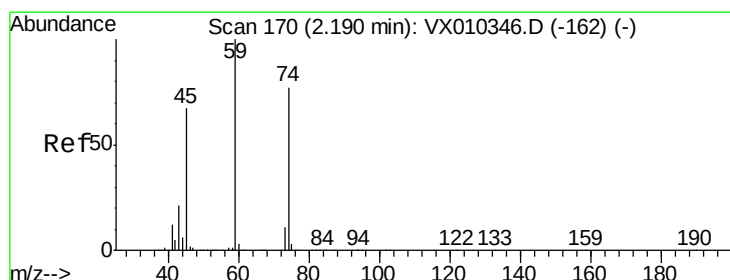
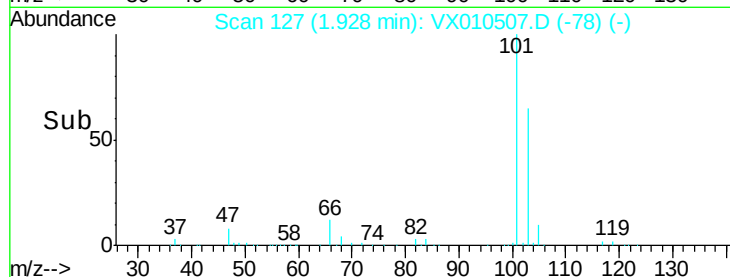
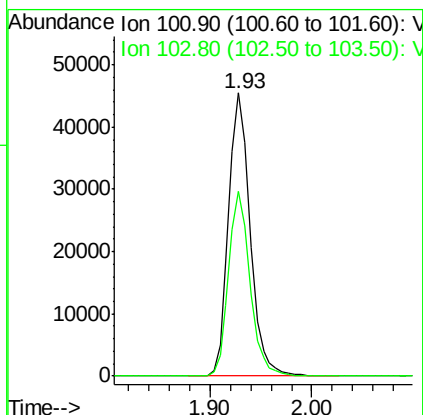
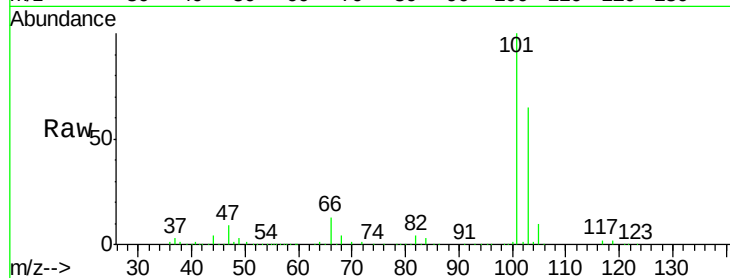
Trichlorofluoromethane
Concen: 19.017 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
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ClientSampleId :
VX0627WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.3	78.5

Manual Integrations
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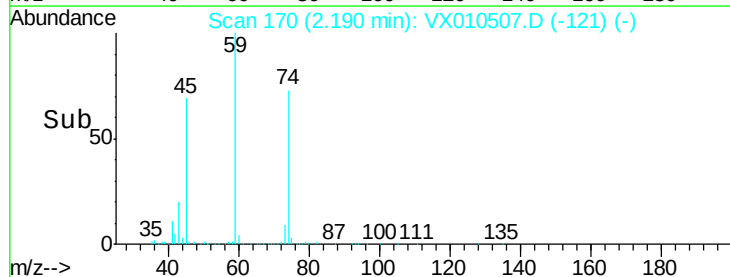
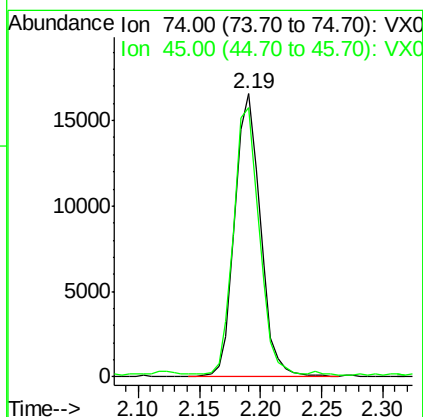
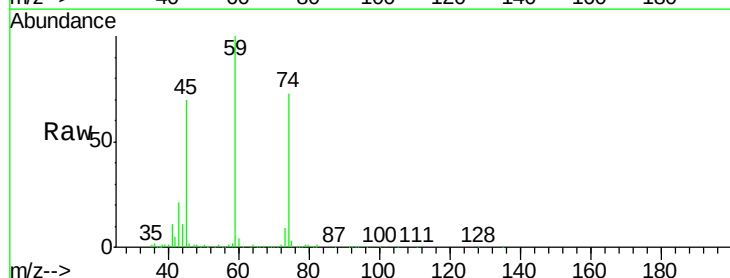
MMDadoda
6/28/2019 10:36:40 AM

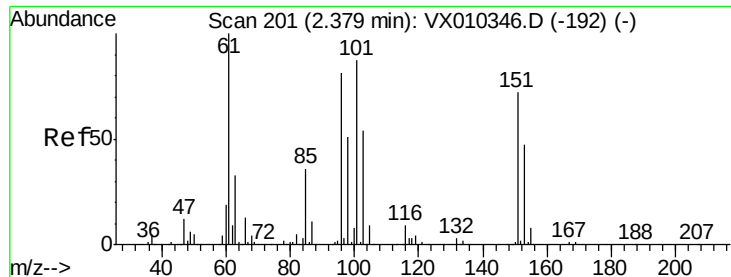


#8

Diethyl Ether
Concen: 19.178 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.9	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.259 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

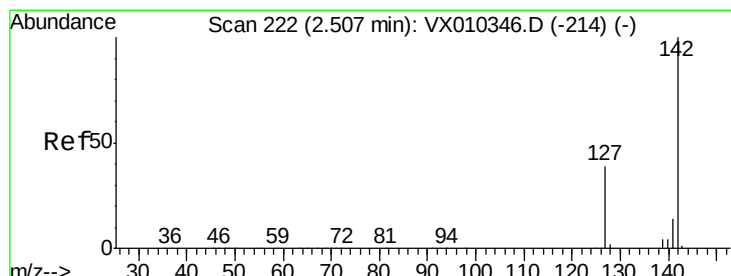
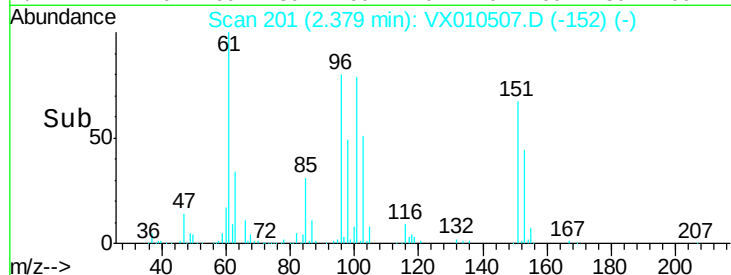
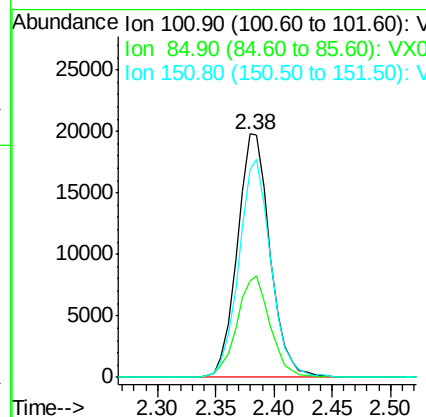
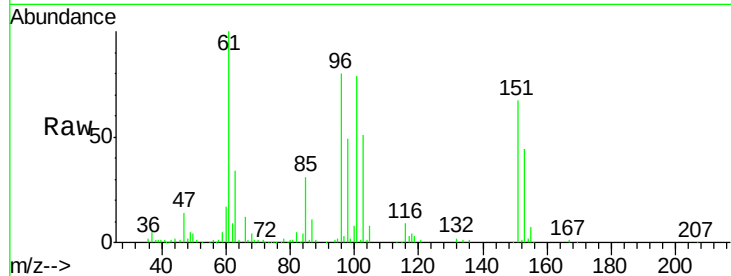
ClientSampleID :

VX0627WBSD02

Tot Ion:	101	Resp:	38787
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.7	50.5
151	87.8	70.1	105.1

Manual Integrations
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#10

Methyl Iodide

Concen: 18.309 ug/l

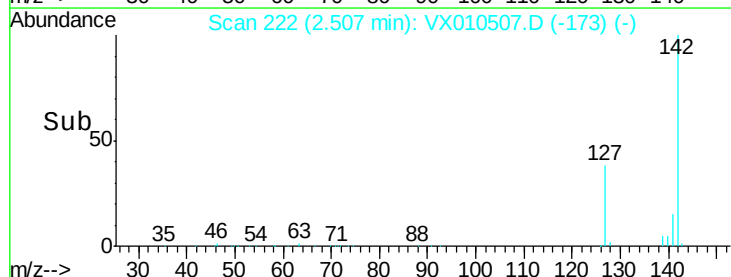
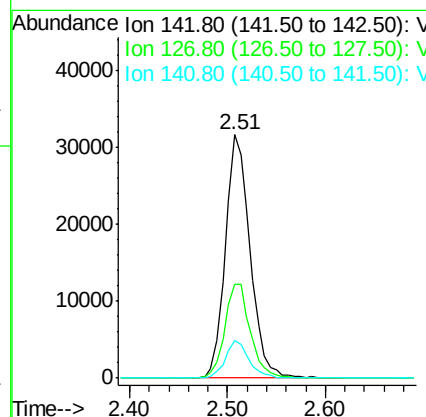
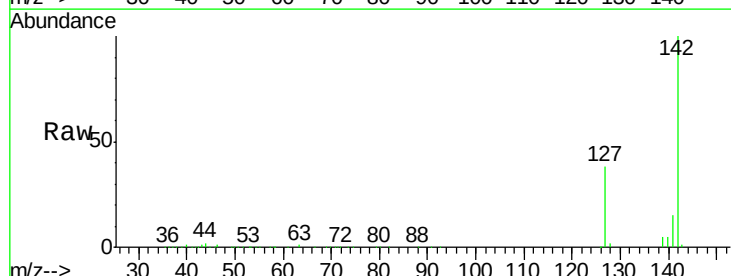
RT: 2.51 min Scan# 222

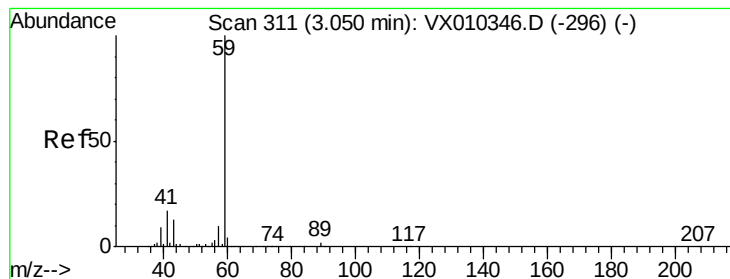
Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion:	142	Resp:	55506
Ion Ratio	Lower	Upper	
142	100		
127	39.6	31.1	46.7
141	14.7	11.2	16.8





#11

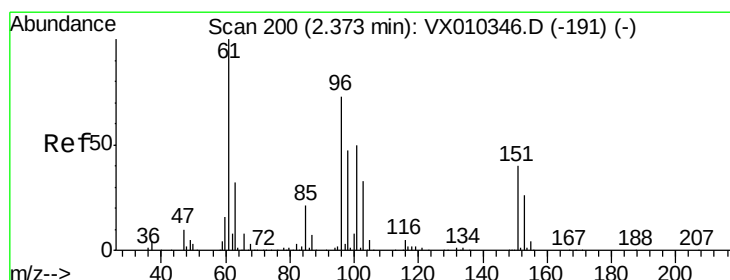
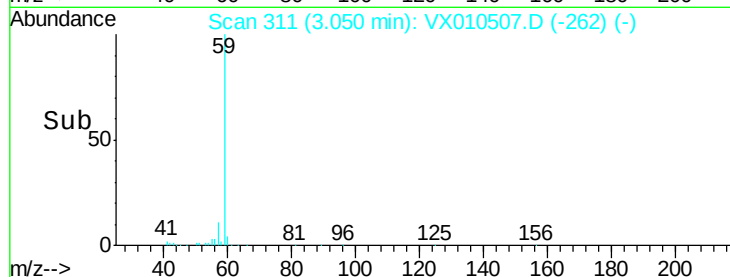
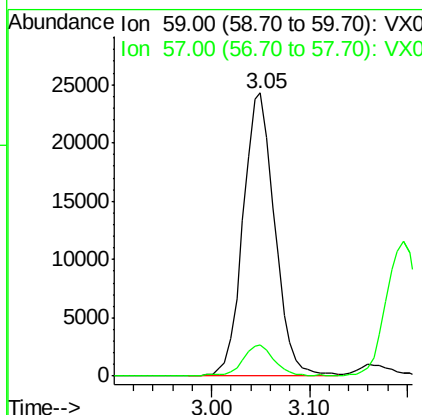
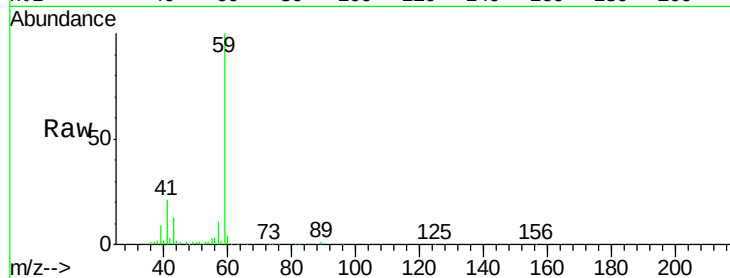
Tert butyl alcohol
Concen: 89.495 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion	59	Resp	54755
Ion Ratio	100	Lower	Upper
57	10.8	7.7	11.5

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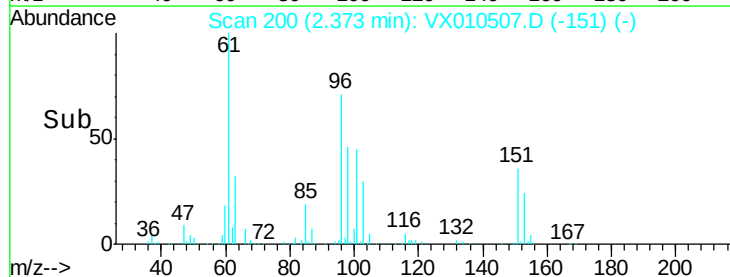
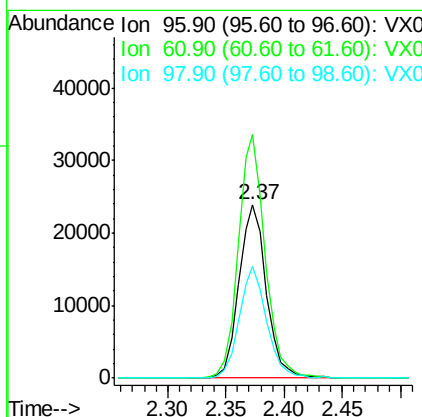
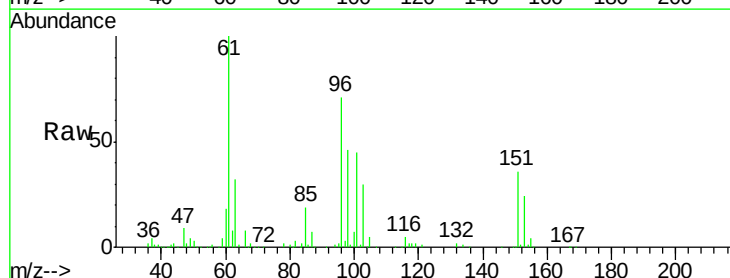
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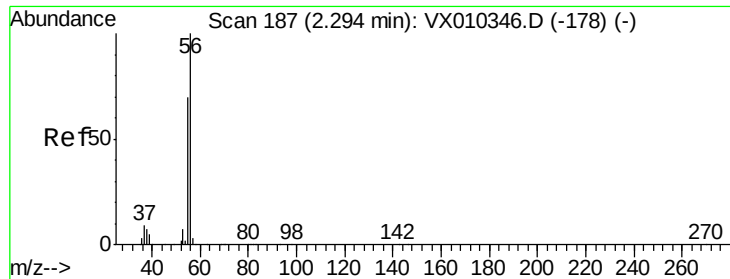


#12

1,1-Dichloroethene
Concen: 18.089 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion	96	Resp	39100
Ion Ratio	100	Lower	Upper
61	140.2	109.2	163.8
98	64.3	51.1	76.7





#13

Acrolein

Concen: 68.719 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

Tot Ion: 56 Resp: 27891

Ion Ratio Lower Upper

56 100

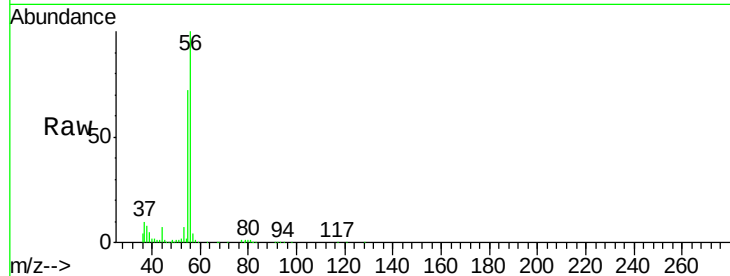
55 74.2 56.9 85.3

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

10000

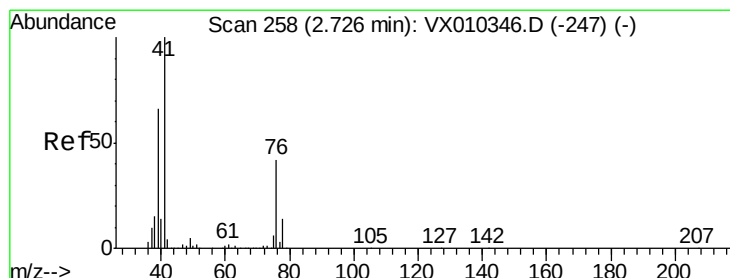
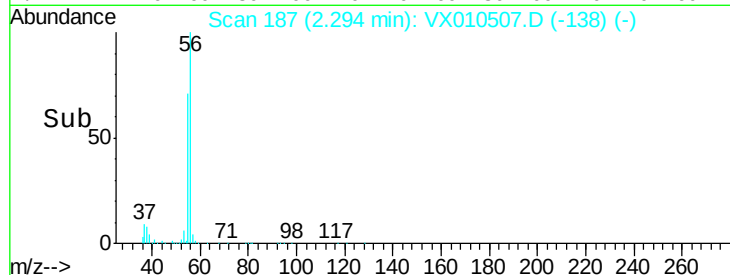
5000

0

2.29

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 17.844 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

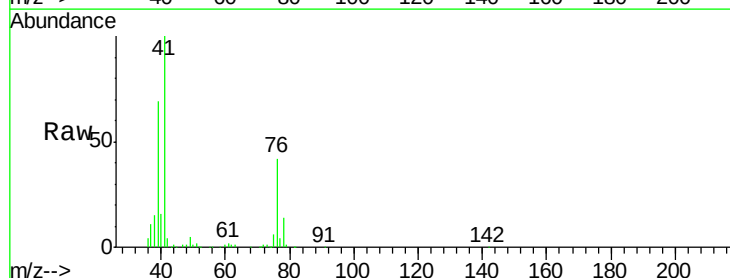
Tgt Ion: 41 Resp: 54759

Ion Ratio Lower Upper

41 100

39 63.3 50.3 75.5

76 39.3 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

30000

20000

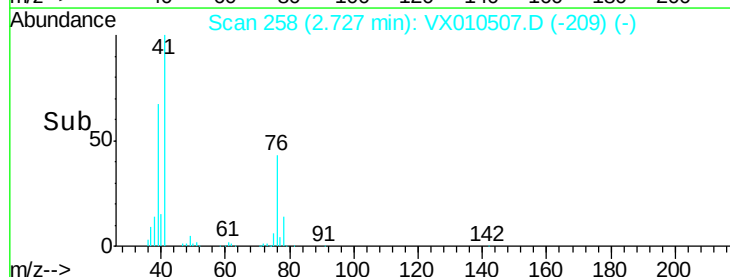
10000

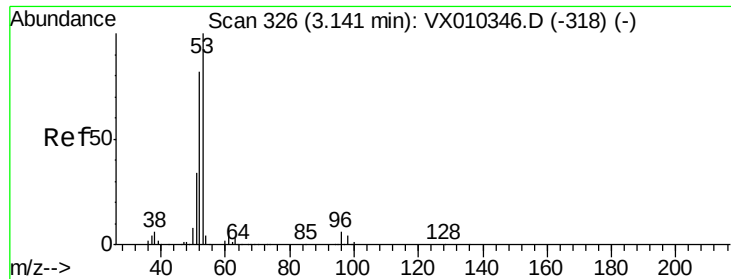
0

2.73

2.60 2.70 2.80

Time-->





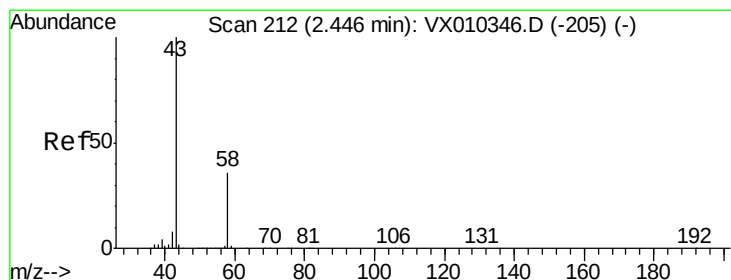
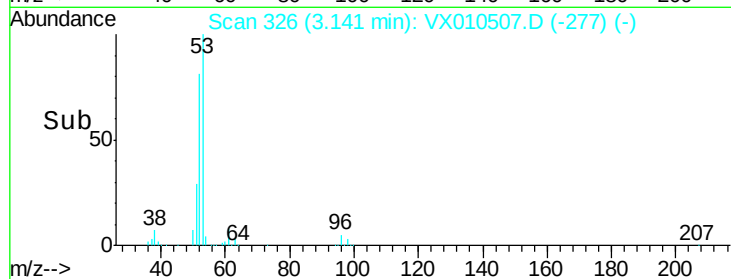
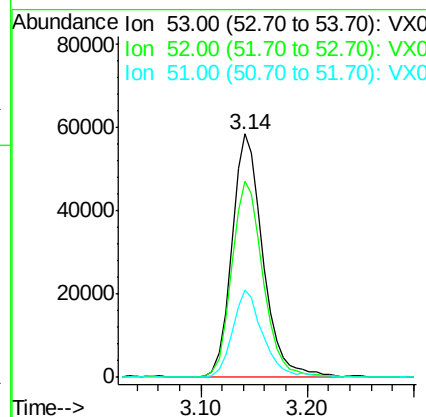
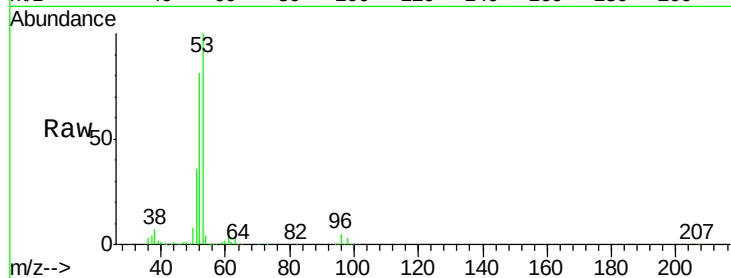
#15
 Acrylonitrile
 Concen: 97.914 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.5	98.3
51	35.8	28.2	42.4

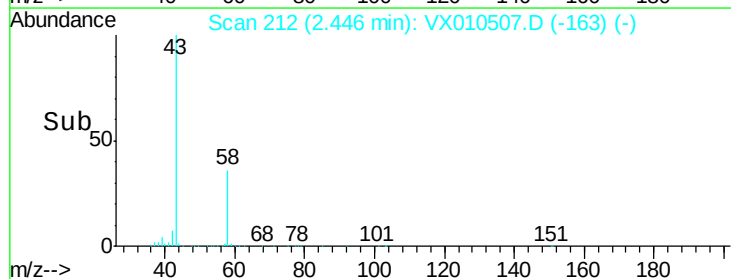
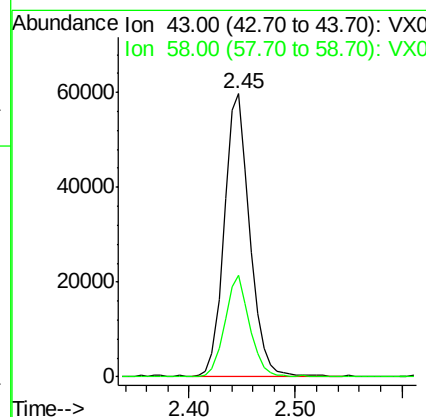
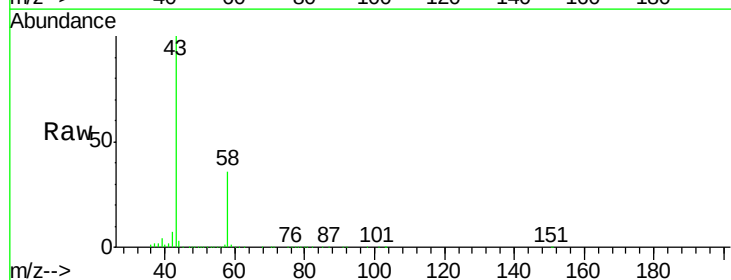
Manual Integrations
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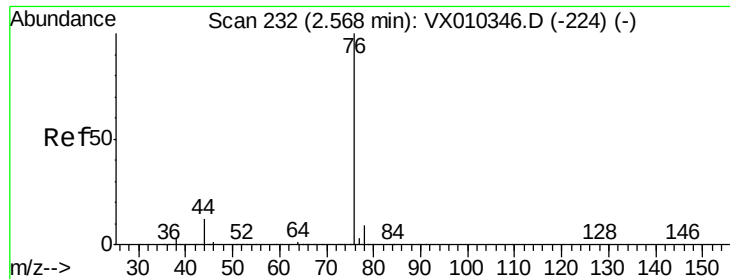
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#16
 Acetone
 Concen: 84.449 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.7	28.9	43.3





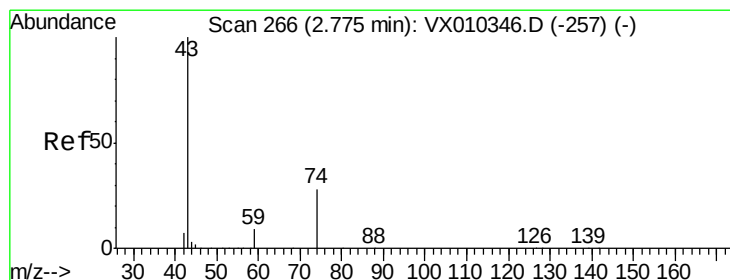
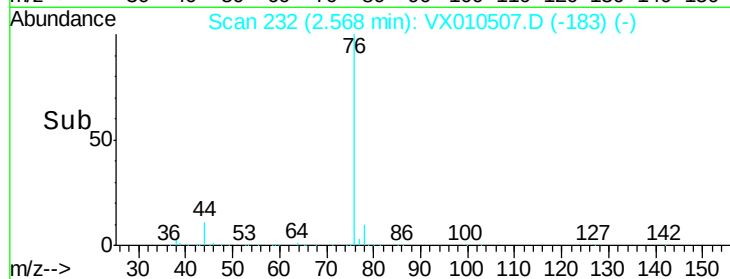
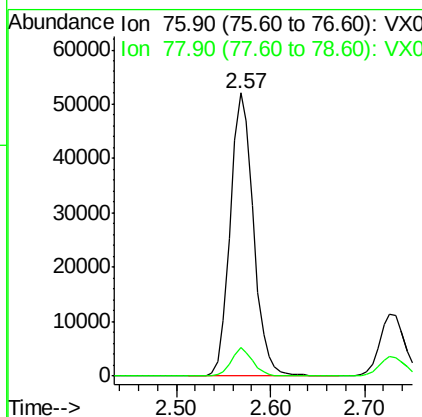
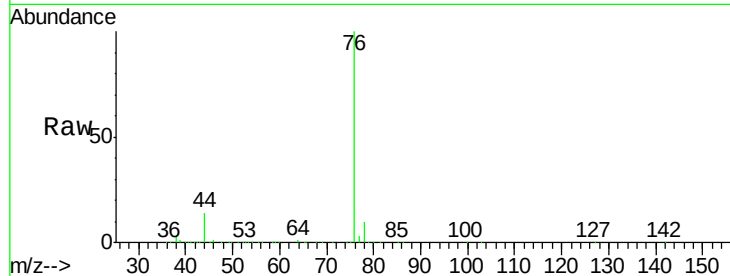
#17
Carbon Disulfide
Concen: 15.402 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.3	10.9

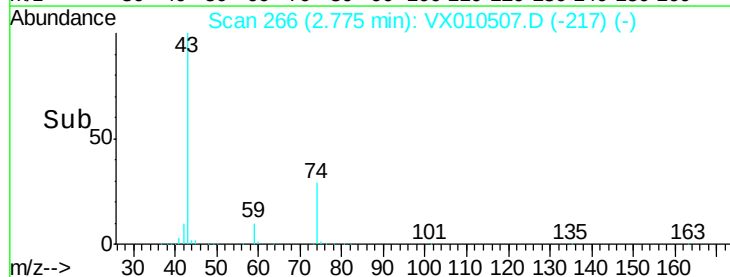
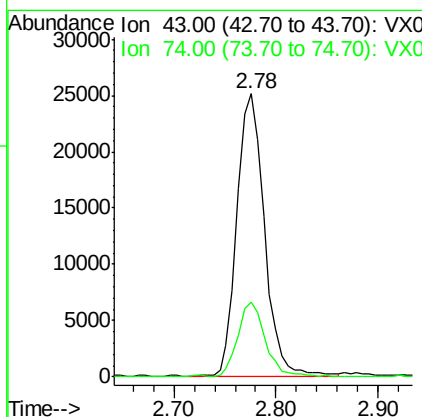
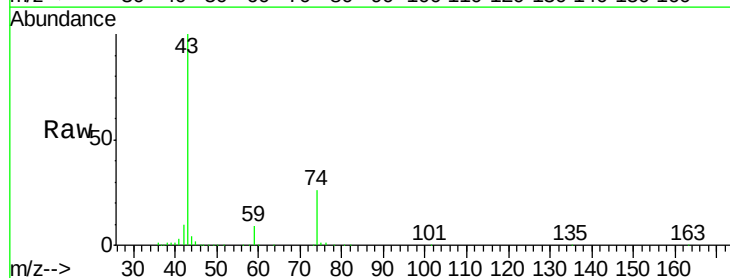
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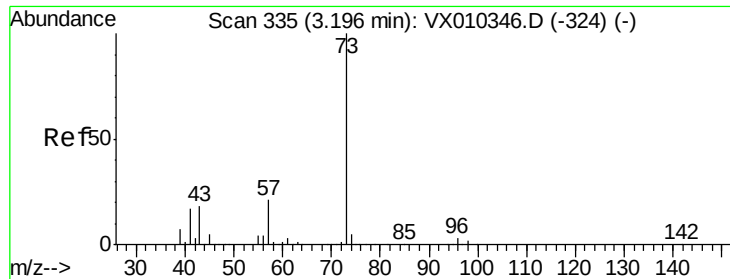
MMDadoda
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#18
Methyl Acetate
Concen: 20.337 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	21.3	31.9





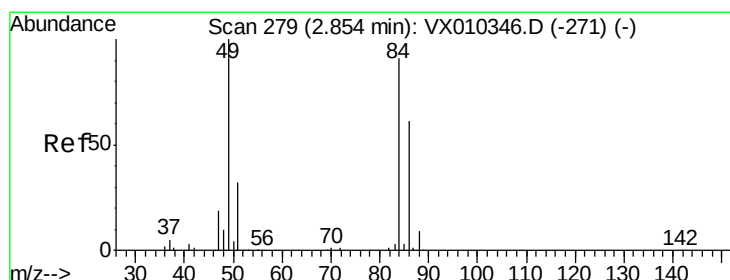
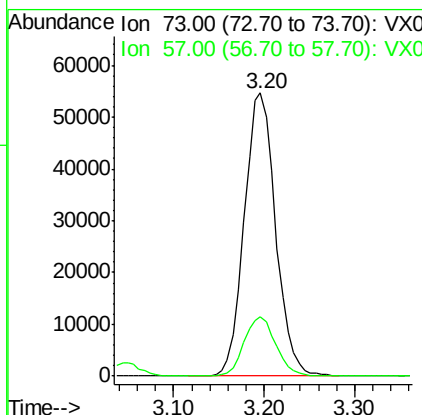
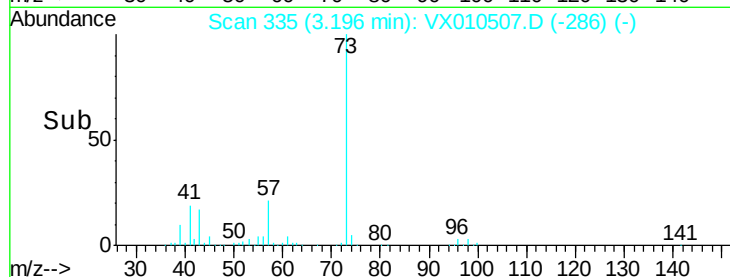
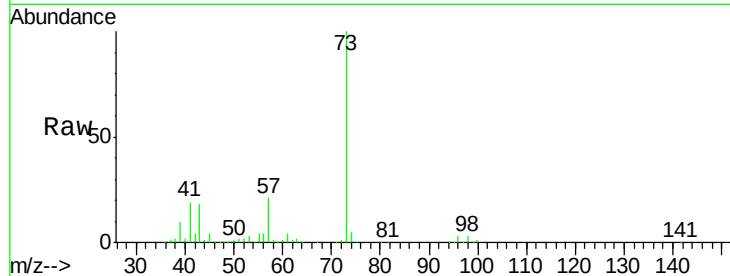
#19
Methyl tert-butyl Ether
Concen: 19.232 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion: 73 Resp: 130779
Ion Ratio Lower Upper
73 100
57 21.1 16.4 24.6

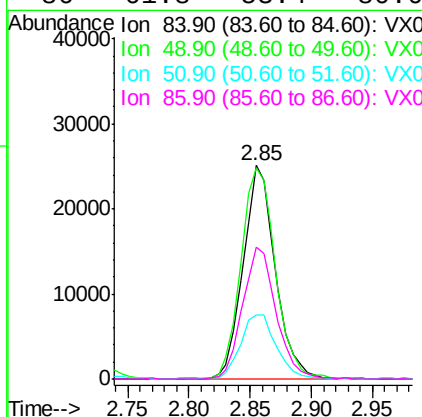
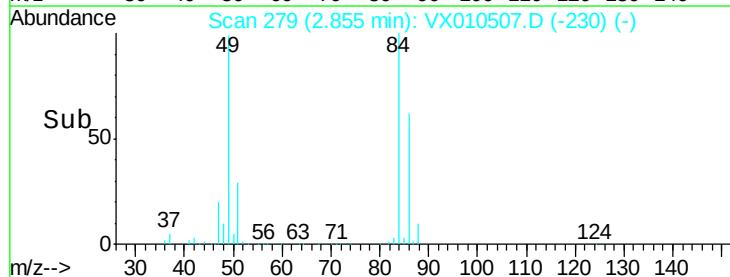
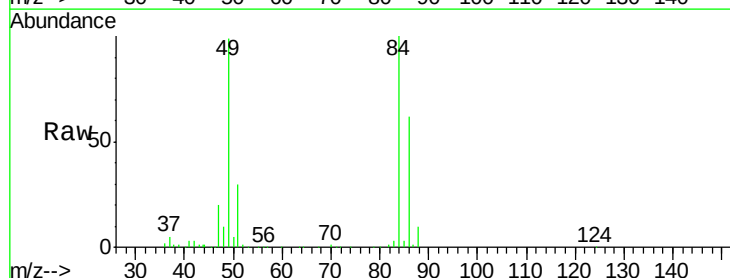
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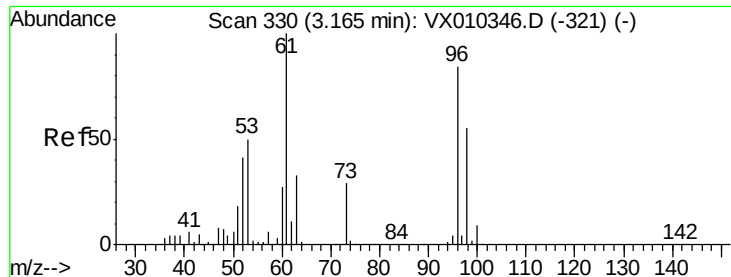
MMDadoda
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#20
Methylene Chloride
Concen: 18.994 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion: 84 Resp: 45805
Ion Ratio Lower Upper
84 100
49 98.5 87.5 131.3
51 29.3 27.7 41.5
86 61.8 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 18.321 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

Tot Ion: 96 Resp: 42592

Ion Ratio Lower Upper

96 100

61 122.3 95.6 143.4

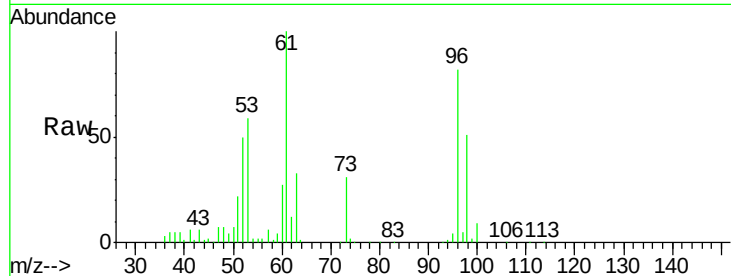
98 62.7 52.5 78.7

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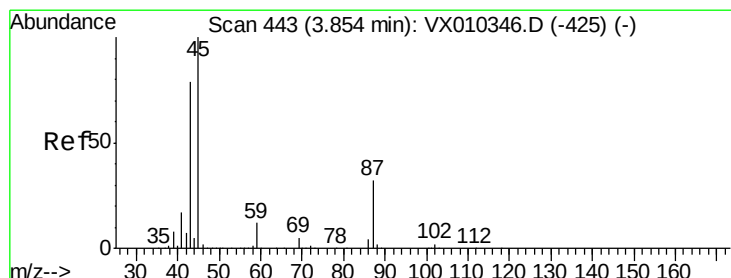
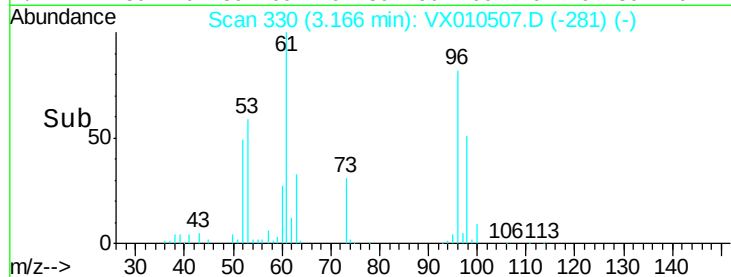
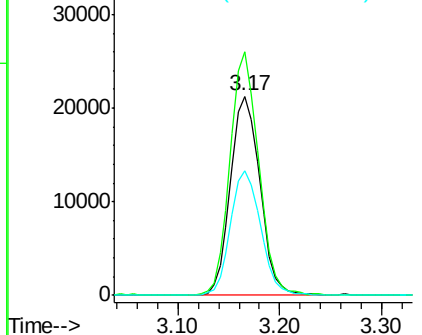
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.072 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion: 45 Resp: 122372

Ion Ratio Lower Upper

45 100

43 65.2 63.3 94.9

87 31.6 25.8 38.8

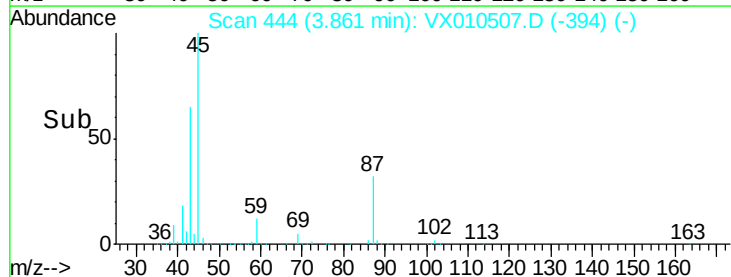
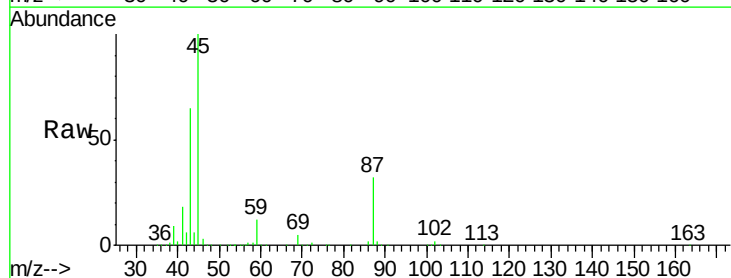
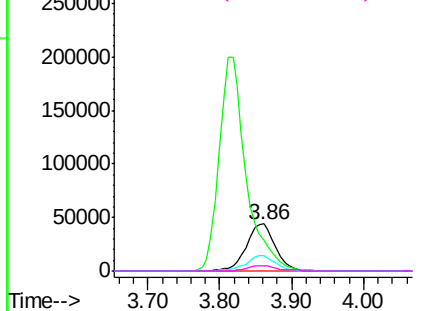
59 12.0 9.6 14.4

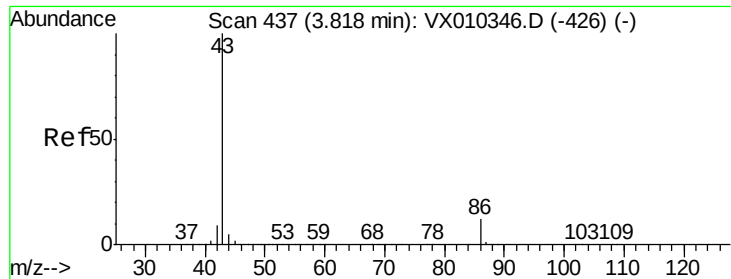
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.156 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleID :

VX0627WBSD02

Tot Ion: 43 Resp: 521896

Ion Ratio Lower Upper

43 100

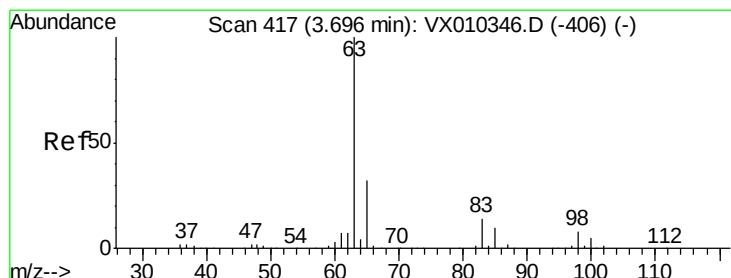
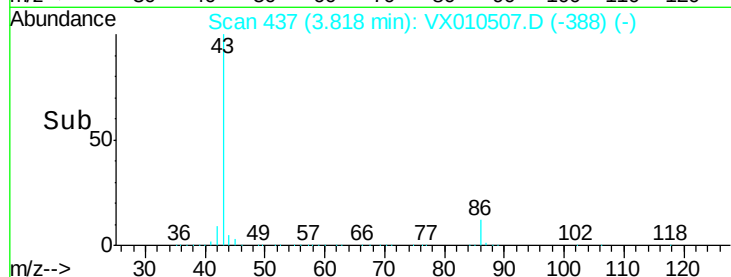
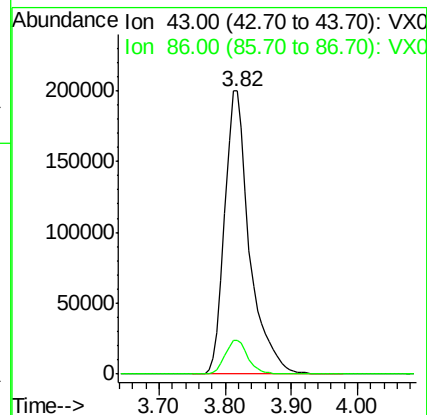
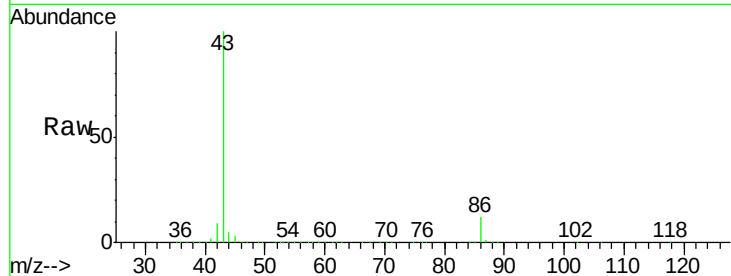
86 12.2 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.187 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

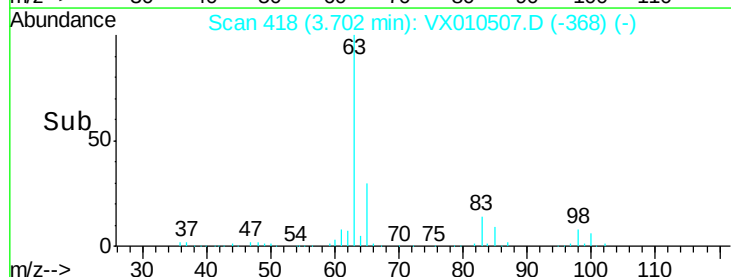
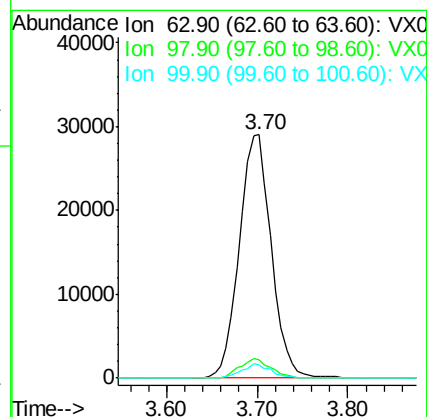
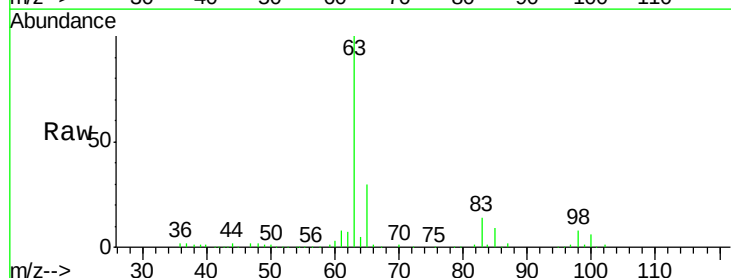
Tgt Ion: 63 Resp: 71159

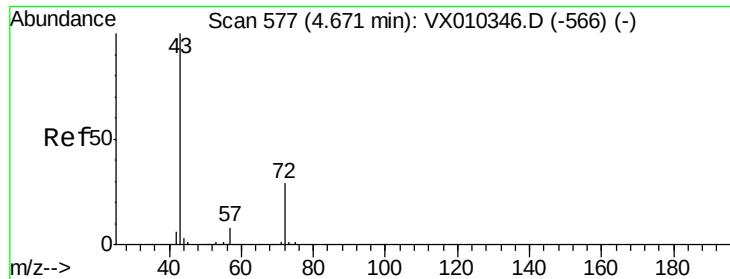
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 5.6 2.4 7.1





#25

2-Butanone

Concen: 93.516 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

Tot Ion: 43 Resp: 160747

Ion Ratio Lower Upper

43 100

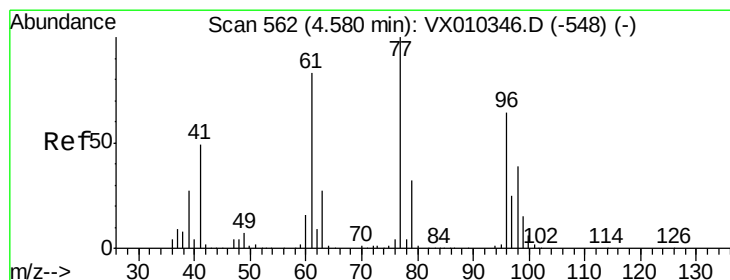
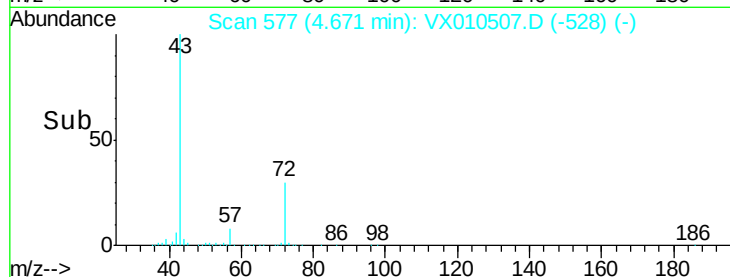
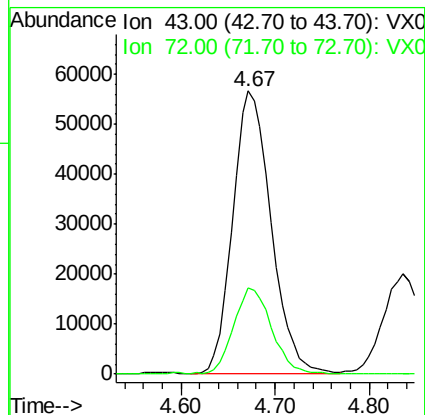
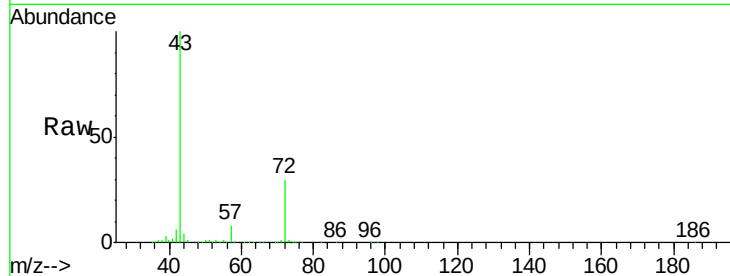
72 30.2 23.3 34.9

Manual Integrations

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6/28/2019 10:36:40 AM



#26

2,2-Dichloropropane

Concen: 13.588 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010507.D

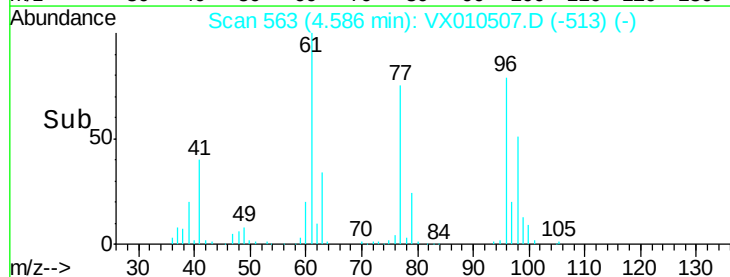
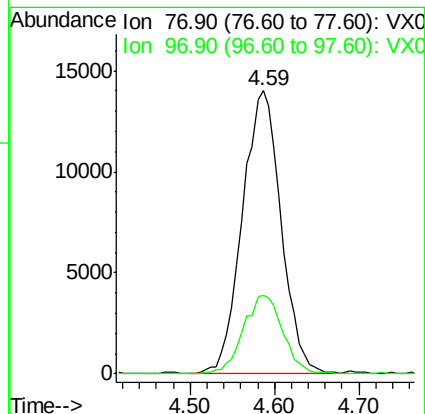
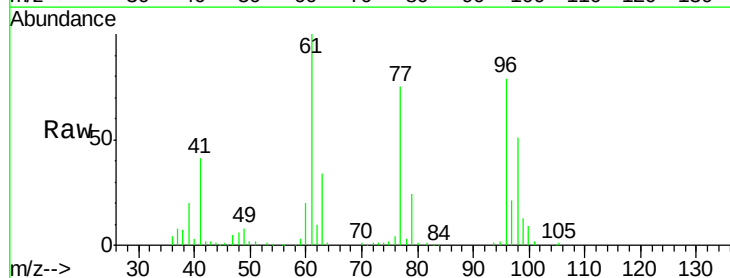
Acq: 28 Jun 2019 00:16

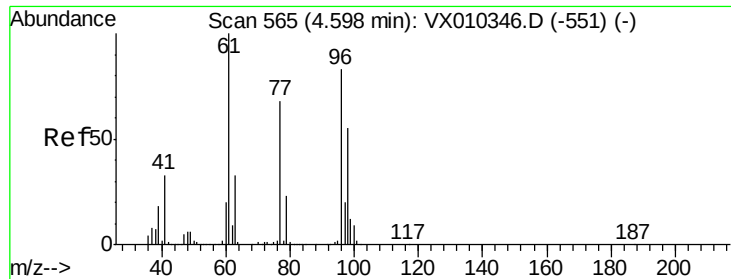
Tgt Ion: 77 Resp: 43778

Ion Ratio Lower Upper

77 100

97 28.3 13.1 39.3





#27

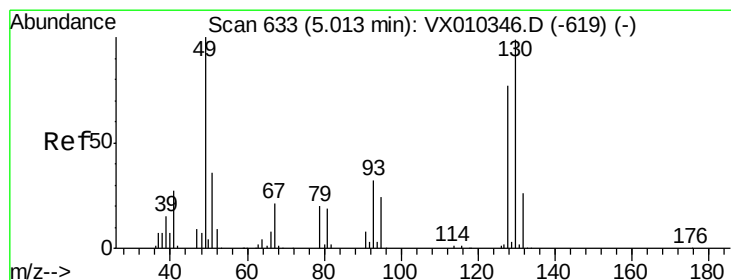
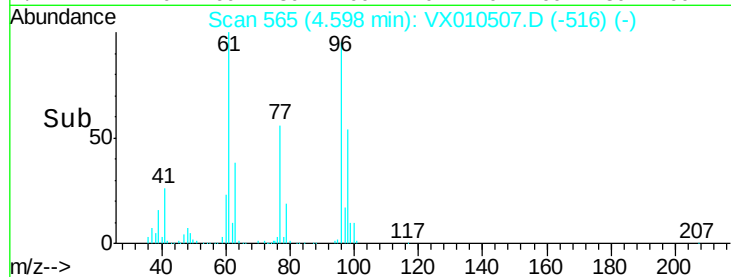
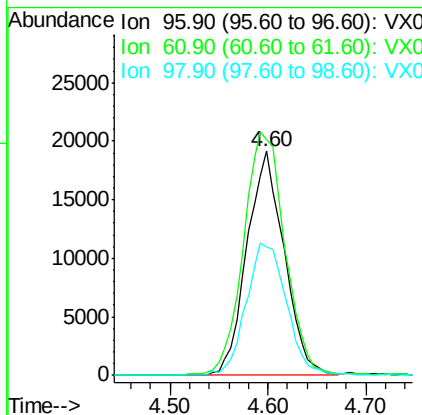
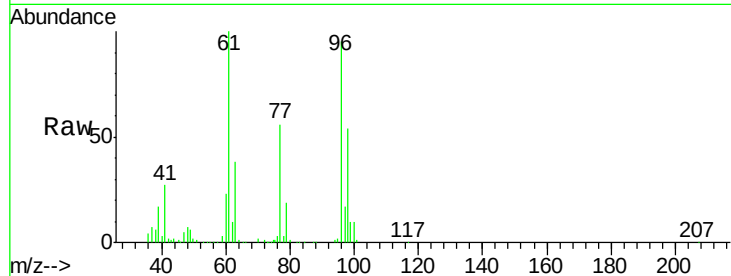
cis-1,2-Dichloroethene
Concen: 18.897 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.6	0.0	251.8
98	63.7	0.0	129.4

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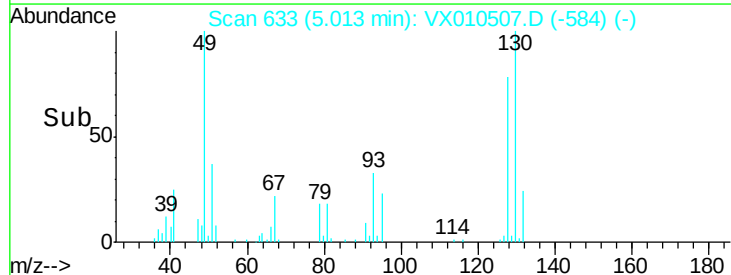
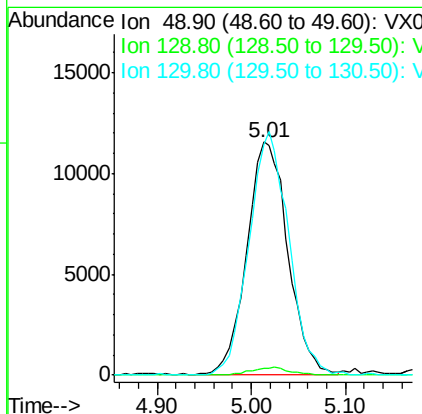
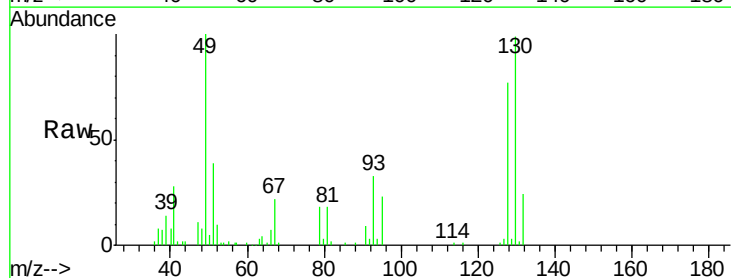
MMDadoda
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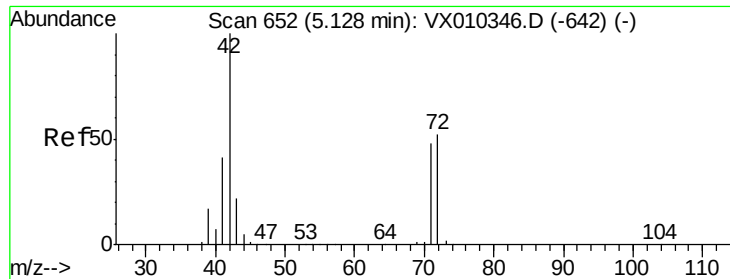


#28

Bromochloromethane
Concen: 19.987 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	100.9	81.4	122.0





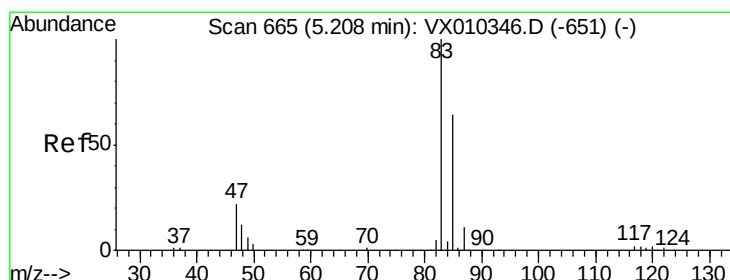
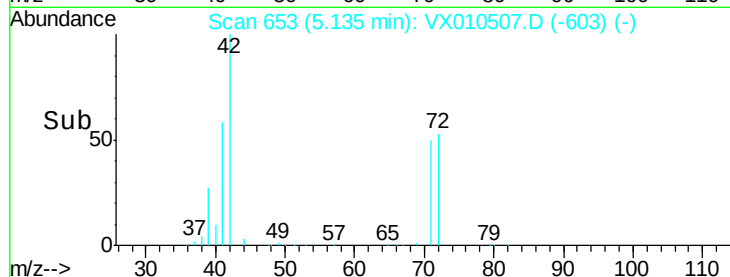
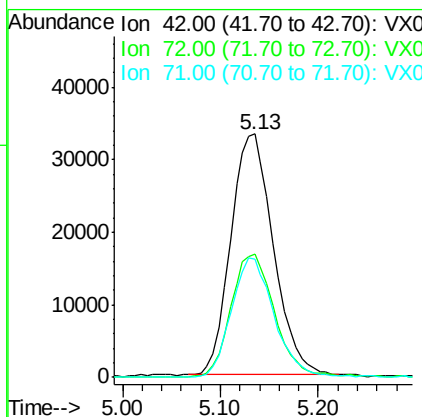
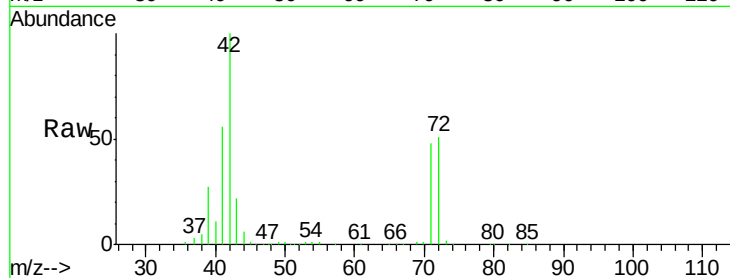
#29
Tetrahydrofuran
Concen: 94.091 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.5	40.6	60.8
71	49.8	37.8	56.8

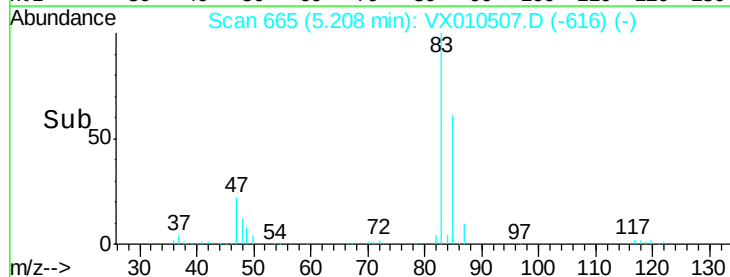
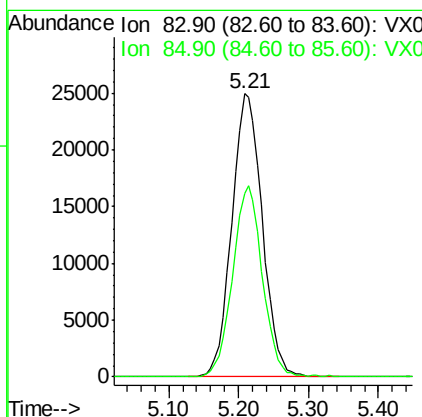
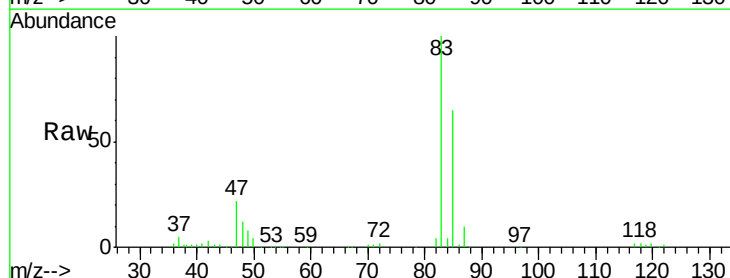
Manual Integrations
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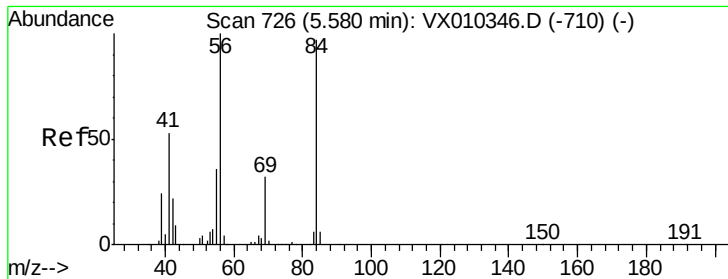
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6/28/2019 10:36:40 AM



#30
Chloroform
Concen: 18.927 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.9	76.3





#31

Cyclohexane

Concen: 17.953 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

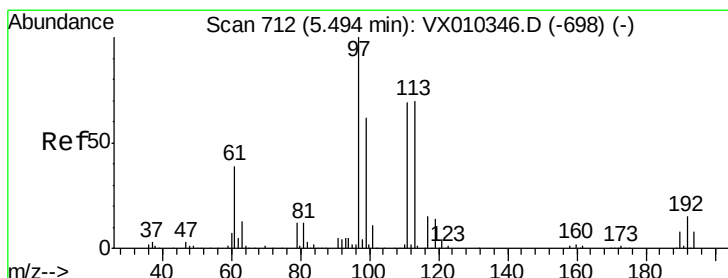
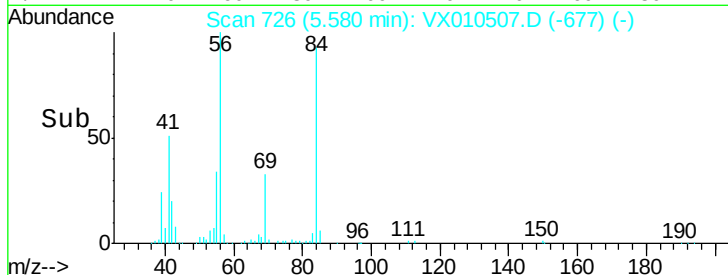
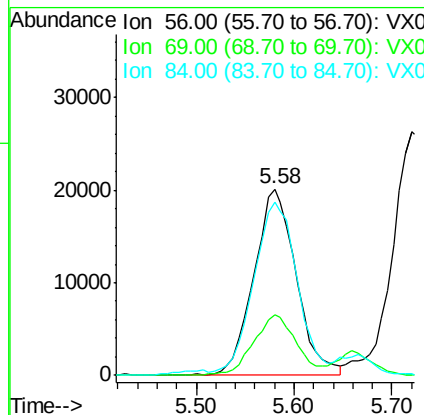
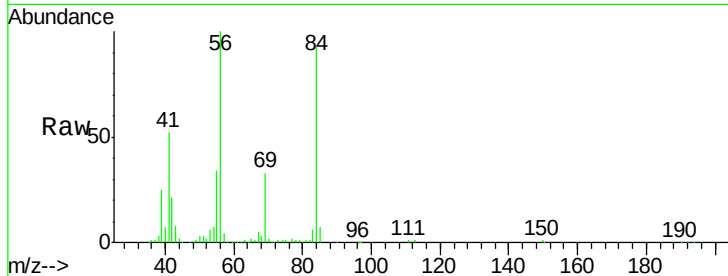
ClientSampleId :

VX0627WBSD02

Tot Ion:	56	Resp:	60635
Ion	Ratio	Lower	Upper
56	100		
69	32.7	25.9	38.9
84	90.4	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.665 ug/l

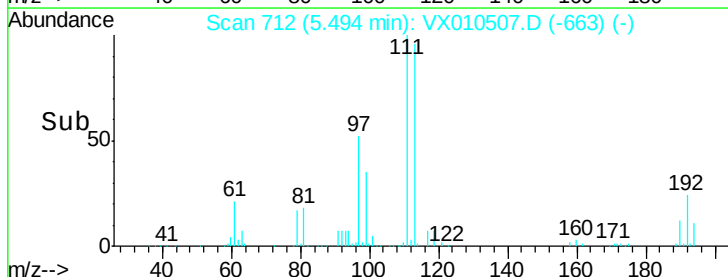
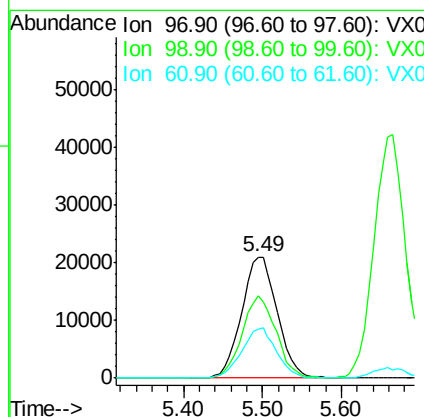
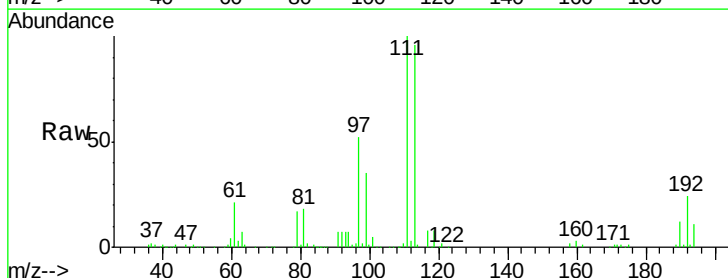
RT: 5.49 min Scan# 712

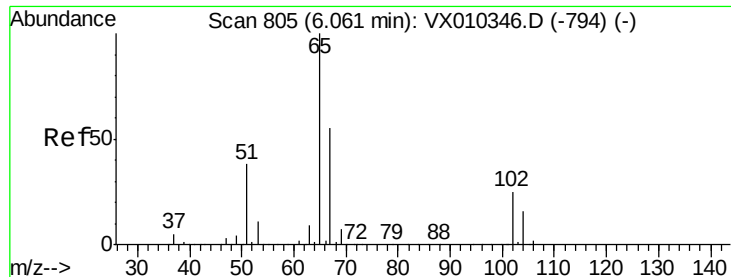
Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion:	97	Resp:	65768
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.8
61	40.5	32.1	48.1





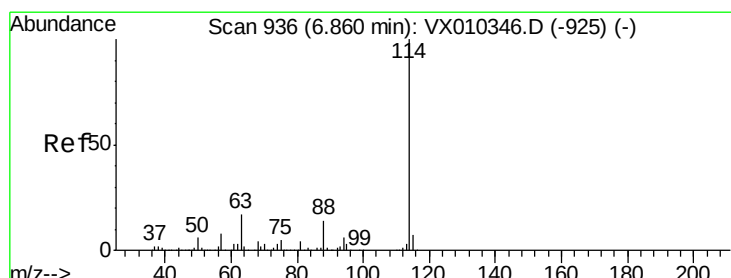
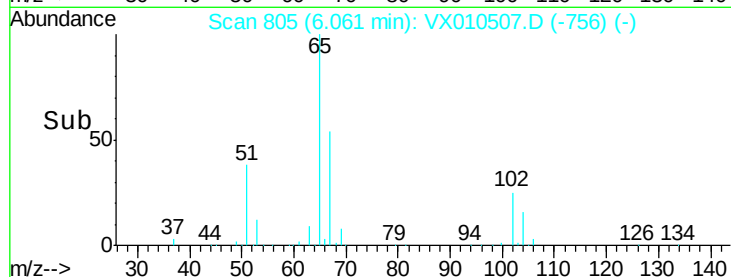
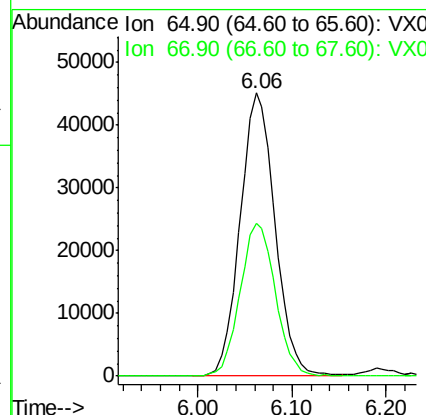
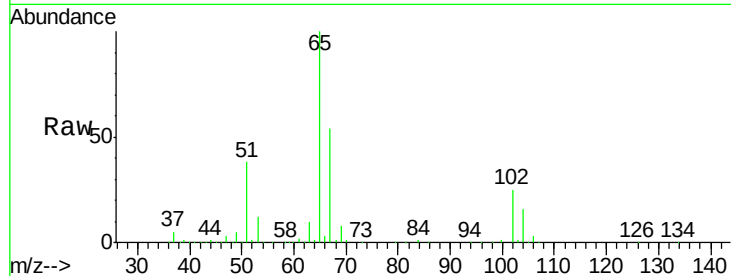
#33
 1,2-Dichloroethane-d4
 Concen: 49.929 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0627WBSD02

Tot Ion: 65 Resp: 116743
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.2

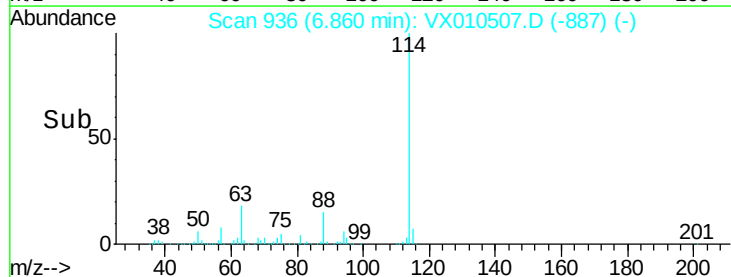
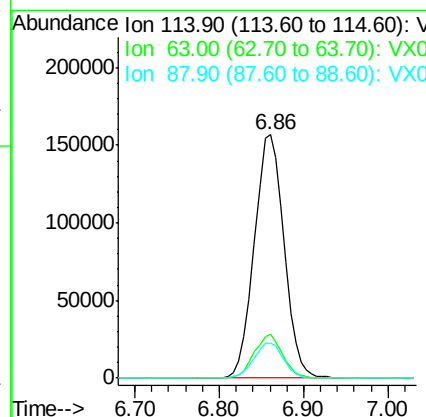
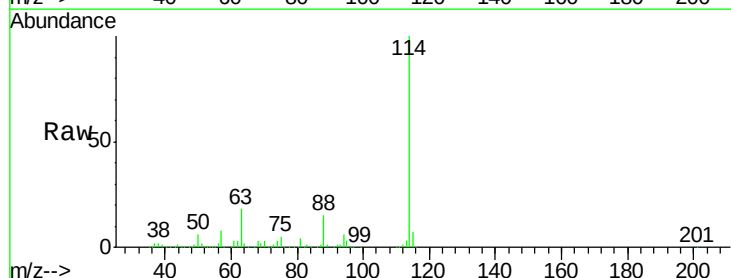
Manual Integrations
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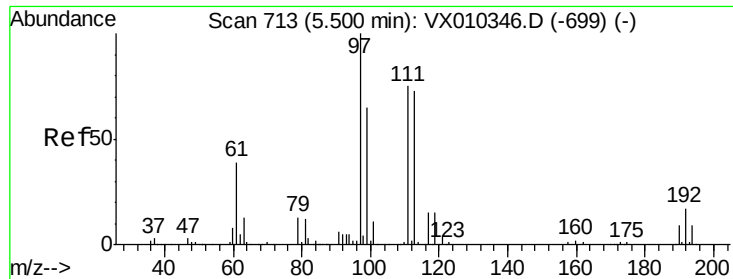
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion: 114 Resp: 375532
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 33.8
 88 14.6 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.200 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

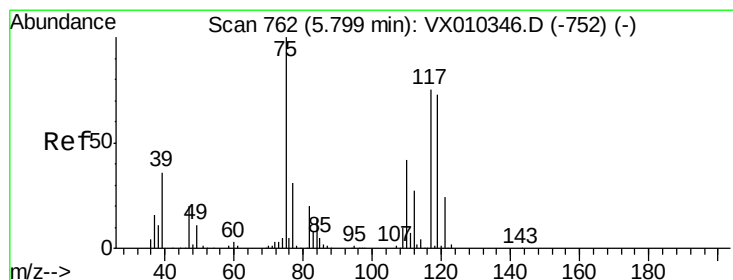
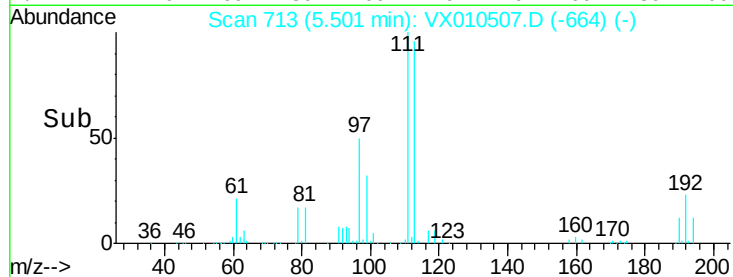
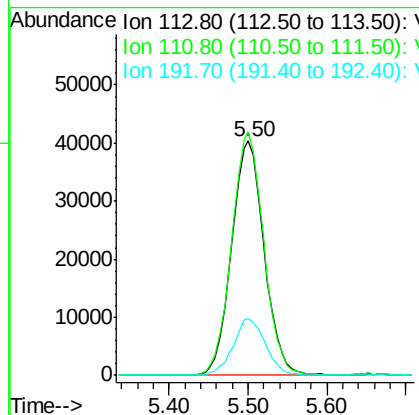
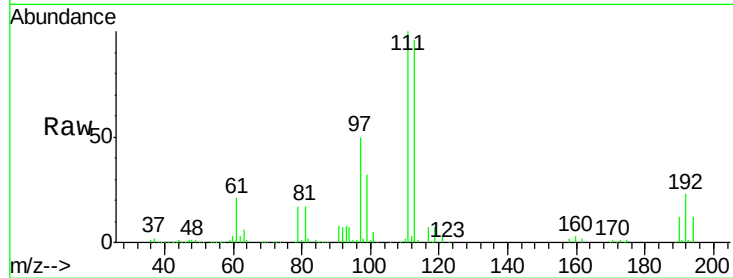
ClientSampleId :

VX0627WBSD02

Tot Ion:	113	Resp:	115342
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.2	121.8
192	24.1	18.6	27.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.541 ug/l

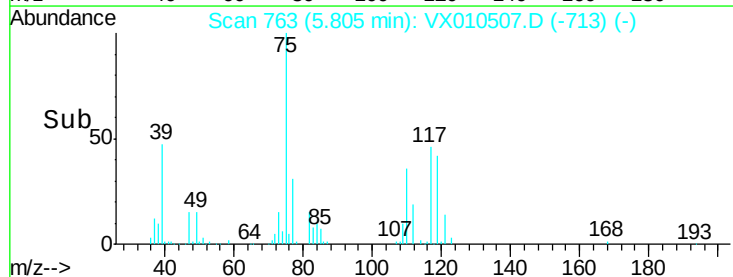
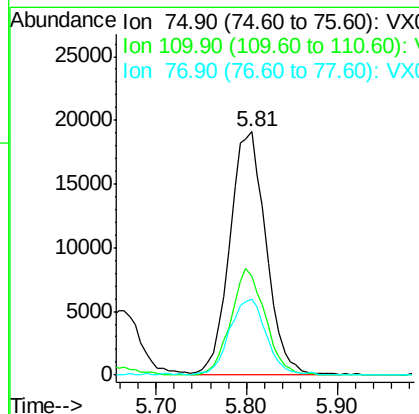
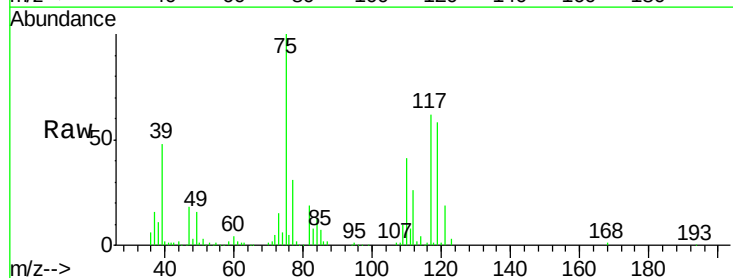
RT: 5.81 min Scan# 763

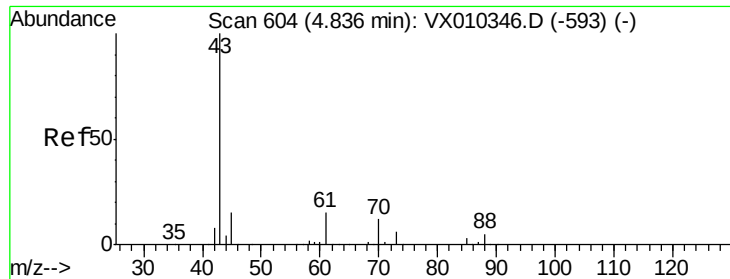
Delta R.T. 0.01 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion:	75	Resp:	52346
Ion	Ratio	Lower	Upper
75	100		
110	41.7	20.8	62.2
77	31.1	25.4	38.0





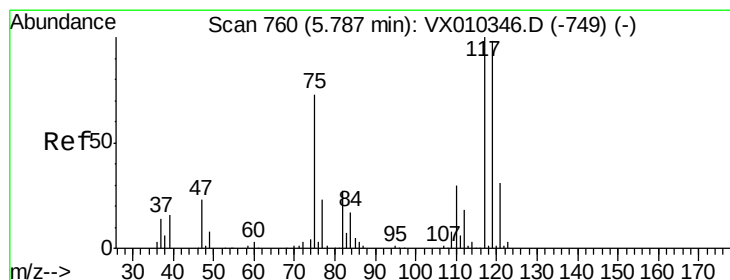
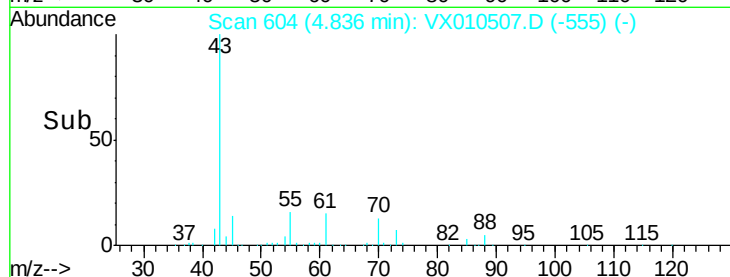
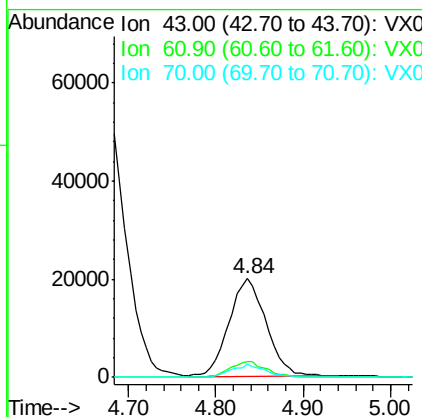
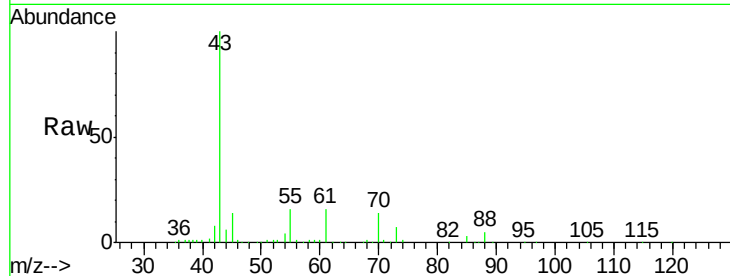
#37
Ethyl Acetate
Concen: 19.274 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion	43	Resp	59170
Ion Ratio	100	Lower	Upper
43	100		
61	16.4	12.4	18.6
70	12.3	9.8	14.8

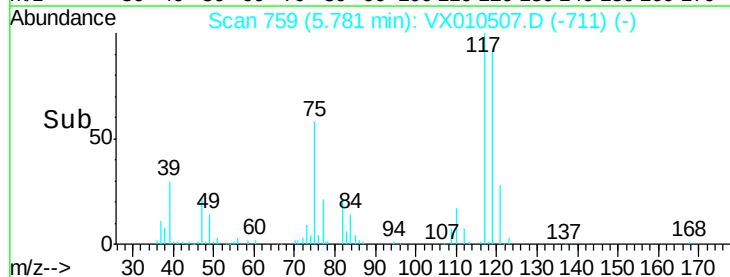
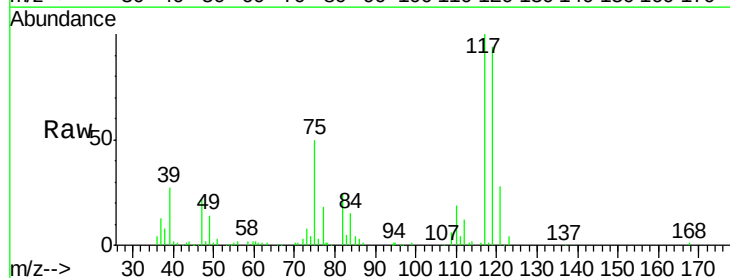
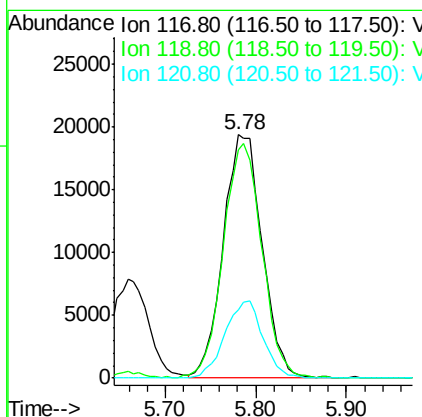
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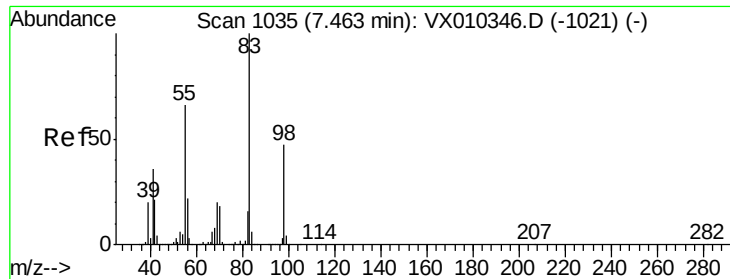
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#38
Carbon Tetrachloride
Concen: 17.943 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion	117	Resp	57983
Ion Ratio	100	Lower	Upper
117	100		
119	93.9	78.2	117.4
121	28.2	24.7	37.1





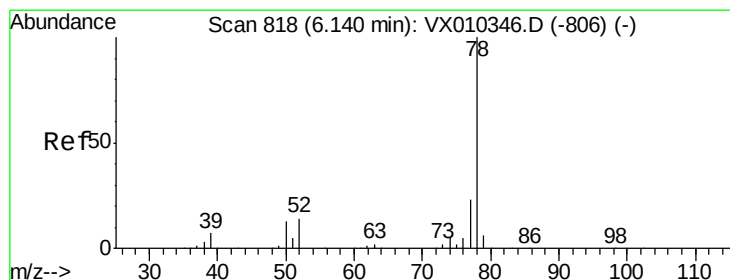
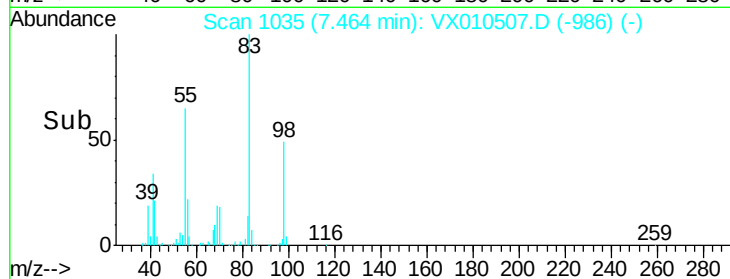
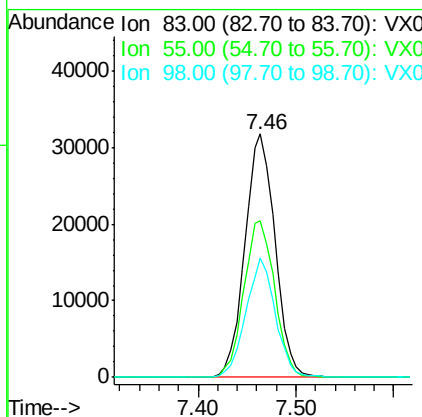
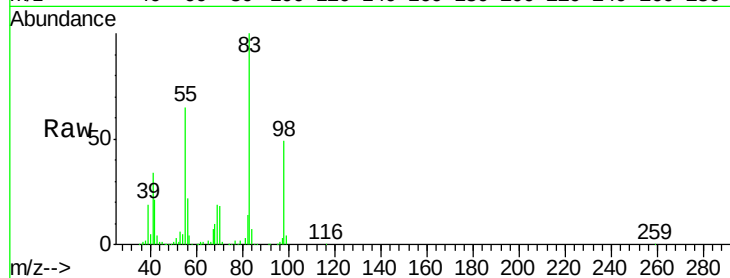
#39
Methylvlcyclohexane
Concen: 17.335 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion	83	Resp	68000
Ion Ratio	100	Lower	Upper
83	100		
55	64.5	53.0	79.6
98	48.8	37.8	56.8

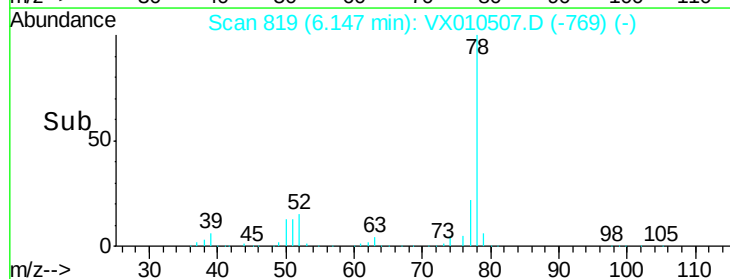
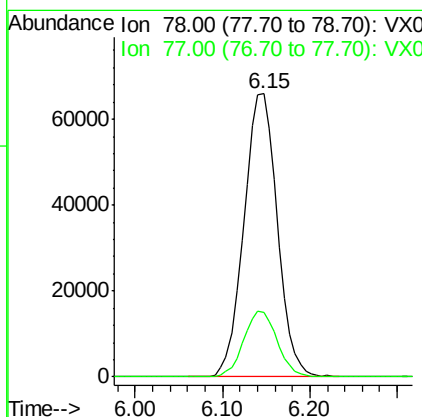
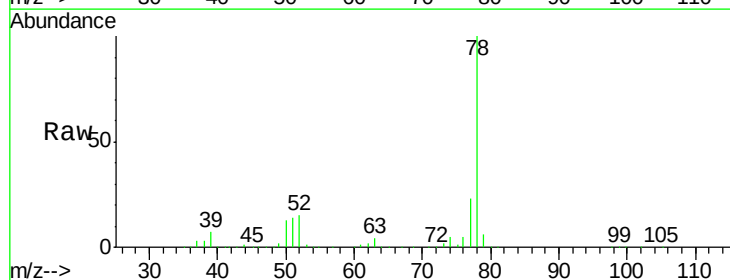
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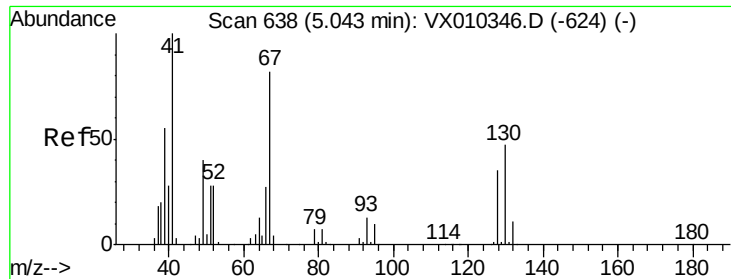
MMDadoda
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#40
Benzene
Concen: 18.839 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion	78	Resp	175152
Ion Ratio	100	Lower	Upper
78	100		
77	23.0	18.6	28.0





#41

Methacrylonitrile

Concen: 18.776 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

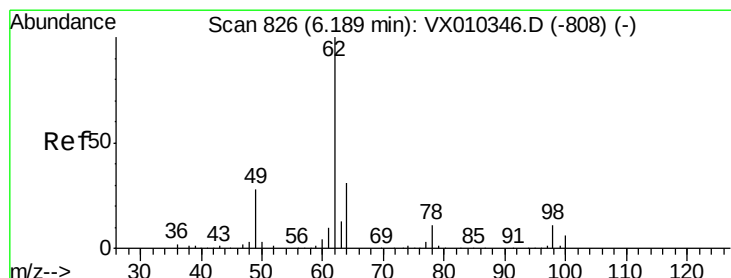
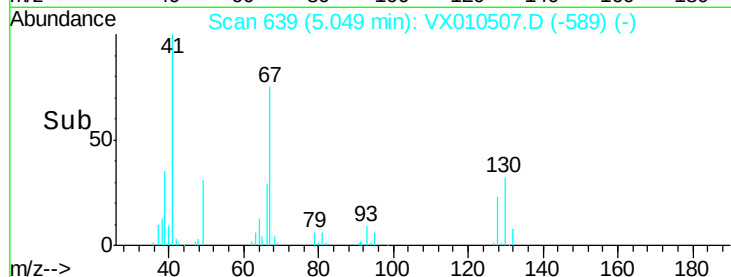
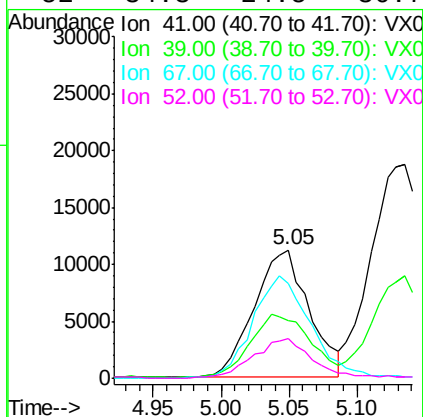
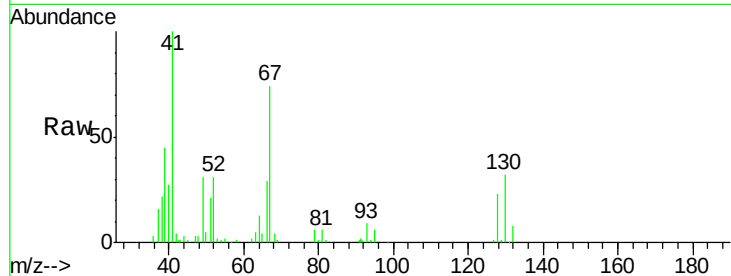
ClientSampleId :

VX0627WBSD02

Tot Ion:	41	Resp:	31628
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.8	65.8
67	85.5	66.6	100.0
52	34.3	24.5	36.7

Manual Integrations
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6/28/2019 10:36:40 AM



#42

1,2-Dichloroethane

Concen: 19.695 ug/l

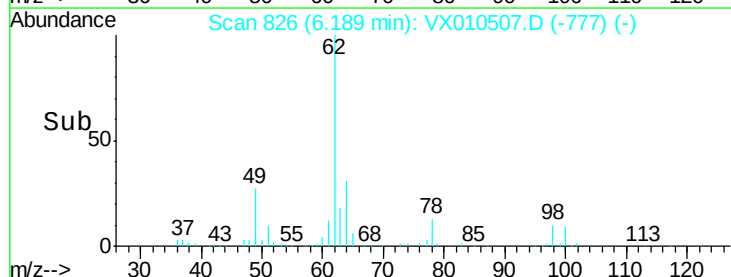
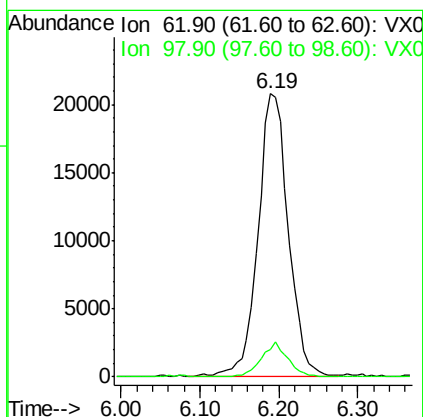
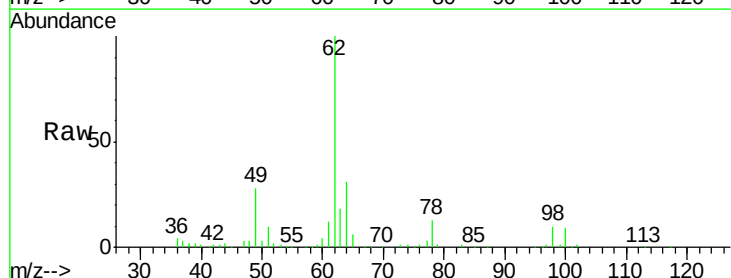
RT: 6.19 min Scan# 826

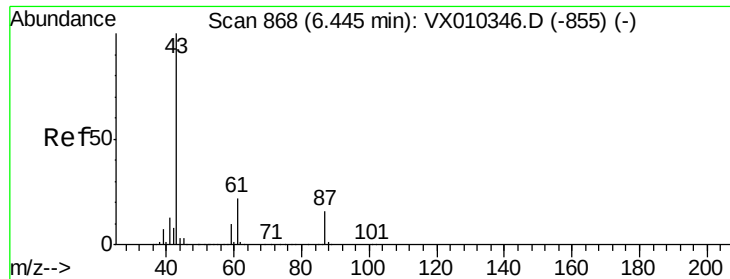
Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion:	62	Resp:	55737
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.2





#43

Isopropyl Acetate

Concen: 18.991 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

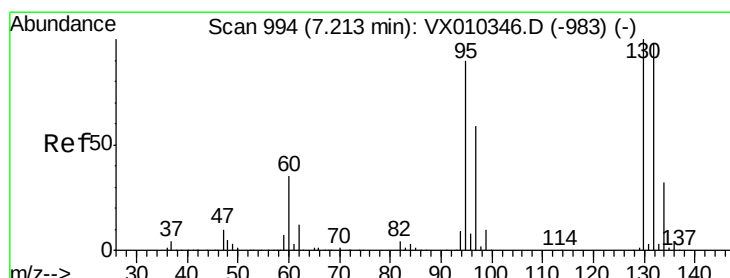
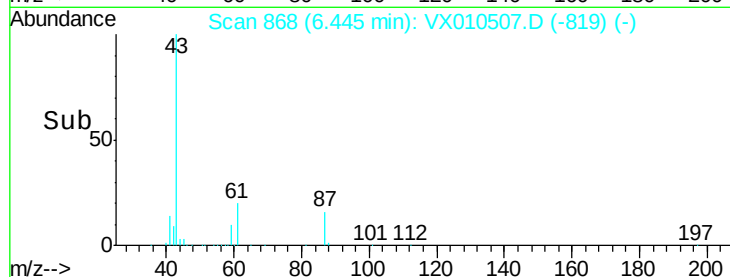
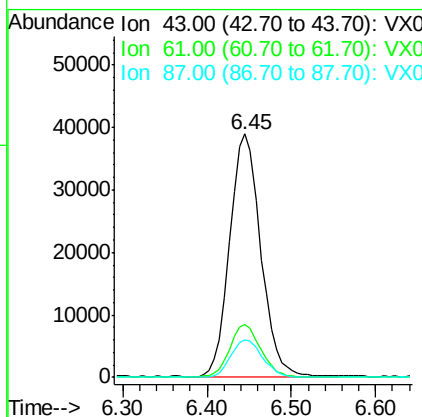
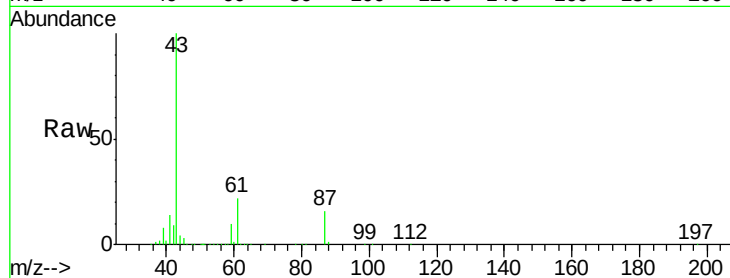
ClientSampleId :

VX0627WBSD02

Tot Ion:	43	Resp:	96461
Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	15.9	13.0	19.4

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#44

Trichloroethene

Concen: 18.364 ug/l

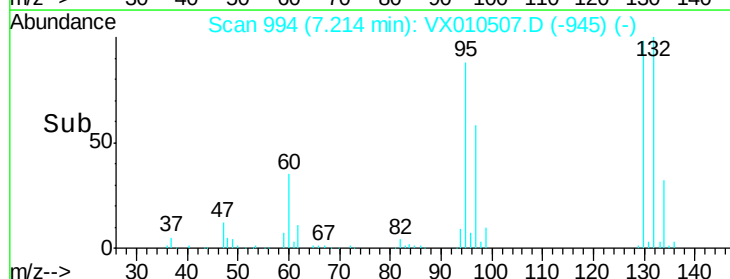
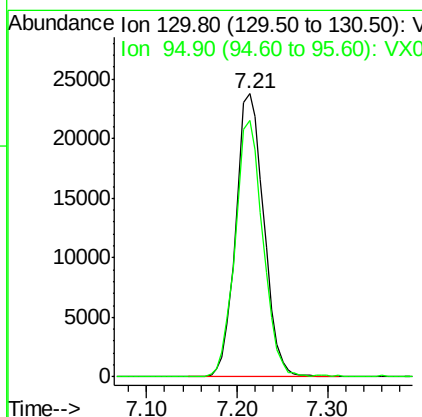
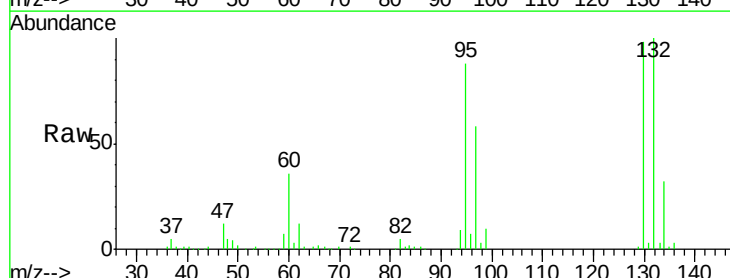
RT: 7.21 min Scan# 994

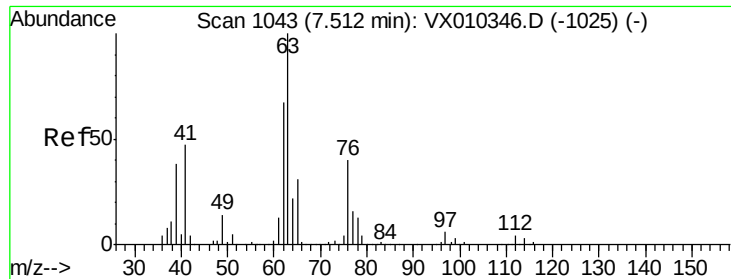
Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion:	130	Resp:	51088
Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	180.8





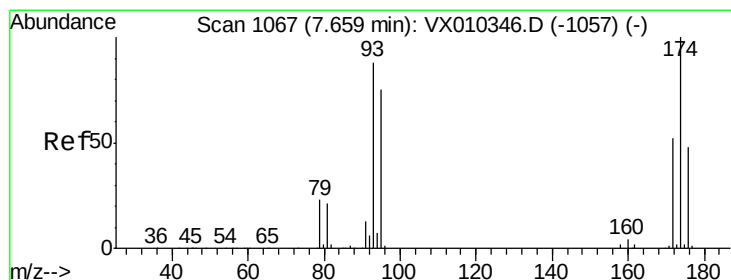
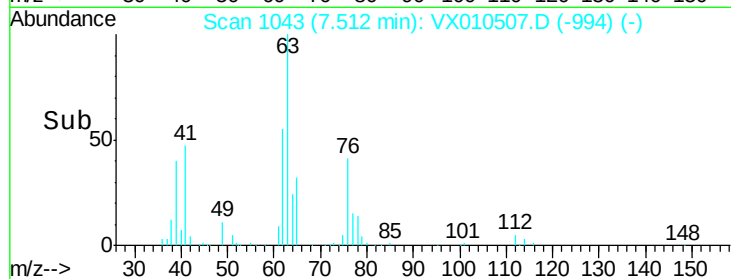
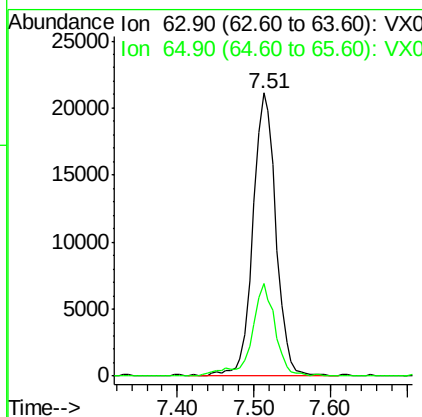
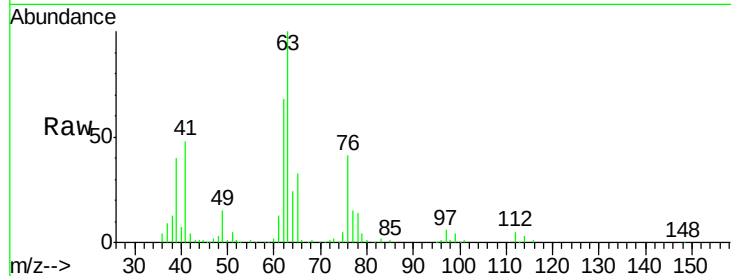
#45
 1,2-Dichloropropane
 Concen: 18.949 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion: 63 Resp: 44488
 Ion Ratio Lower Upper
 63 100
 65 32.9 24.8 37.2

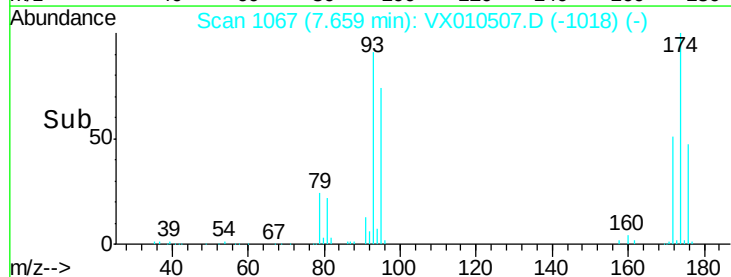
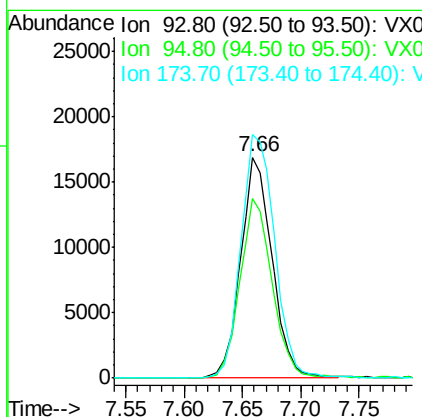
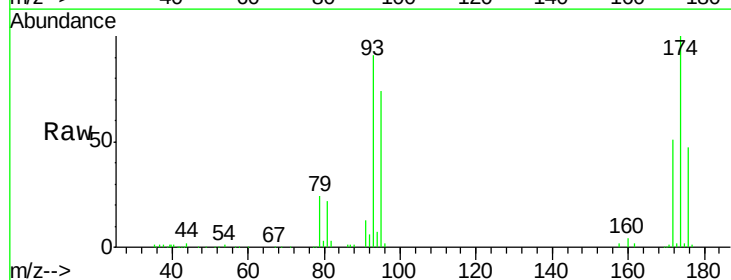
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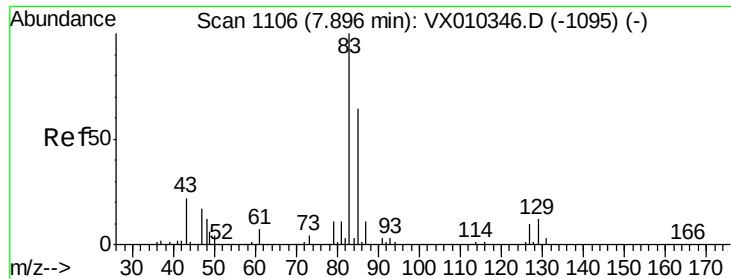
MMDadoda
 6/28/2019 10:36:40 AM



#46
 Dibromomethane
 Concen: 19.000 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion: 93 Resp: 32005
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.5 101.3
 174 117.9 95.8 143.6





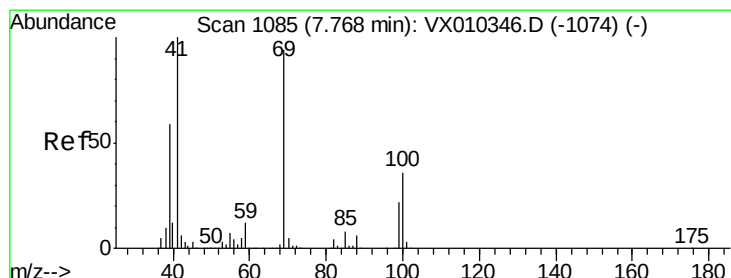
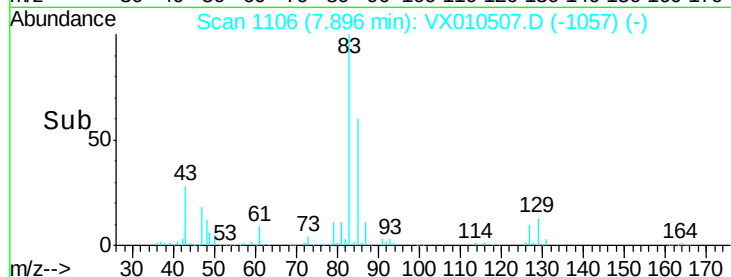
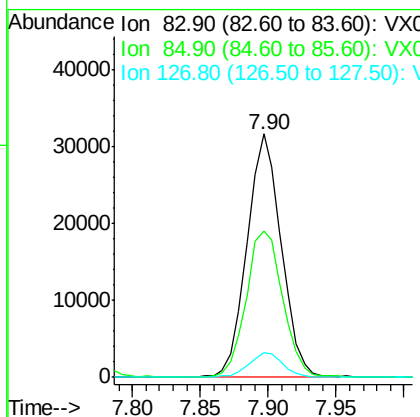
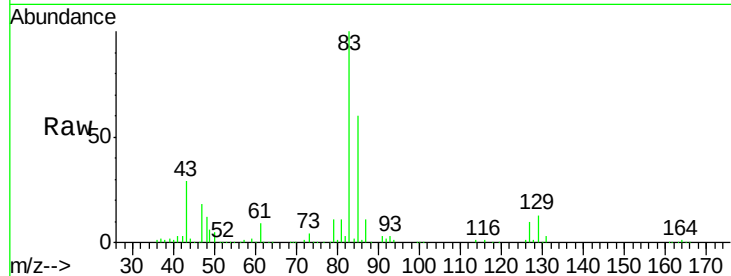
#47
Bromodichloromethane
Concen: 18.102 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion	83	Resp	55881
Ion Ratio	100	Lower	Upper
83	100		
85	60.3	51.5	77.3
127	10.1	7.8	11.8

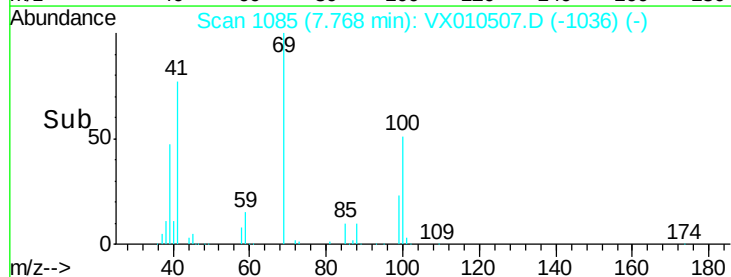
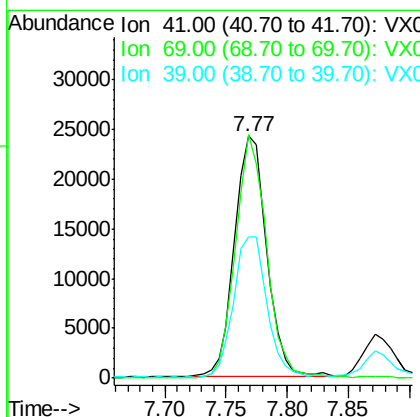
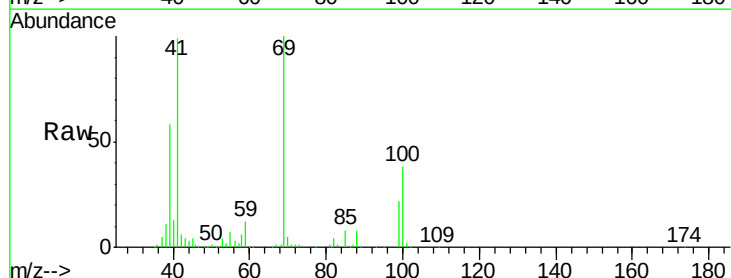
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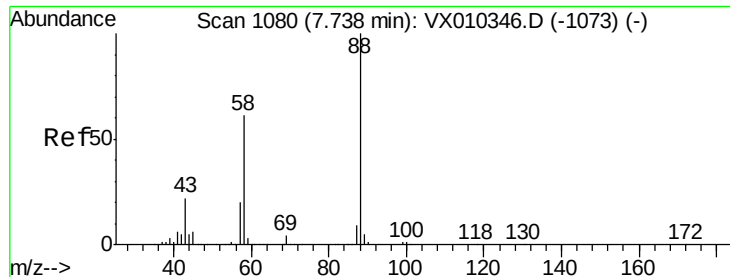
MMDadoda
6/28/2019 10:36:40 AM



#48
Methyl methacrylate
Concen: 18.742 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion	41	Resp	44249
Ion Ratio	100	Lower	Upper
41	100		
69	97.9	76.1	114.1
39	62.1	47.6	71.4





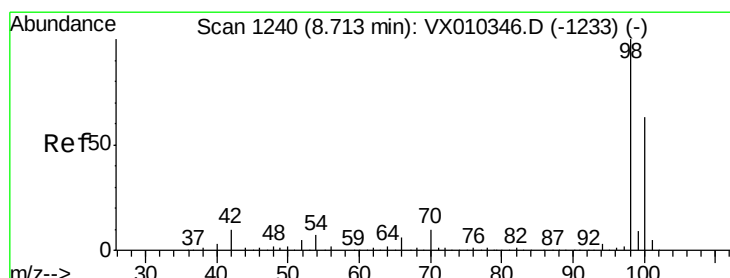
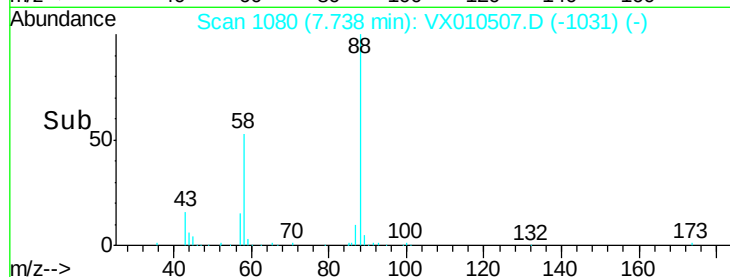
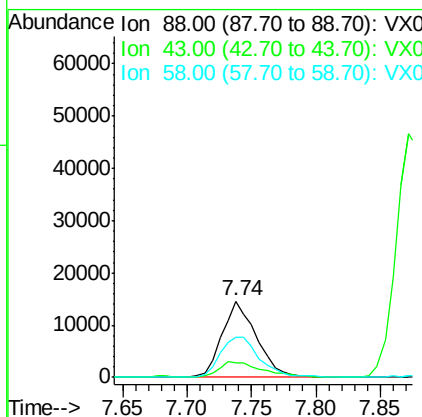
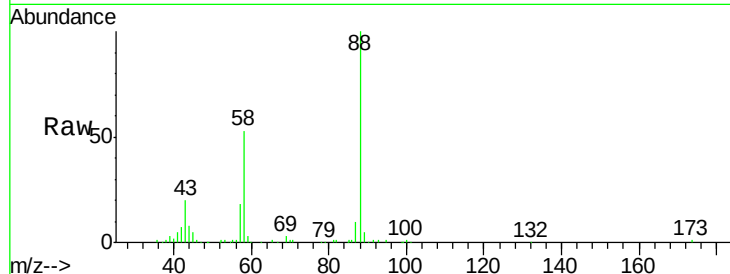
#49
1,4-Dioxane
Concen: 406.752 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	23.8	20.2	30.2
58	60.6	49.5	74.3

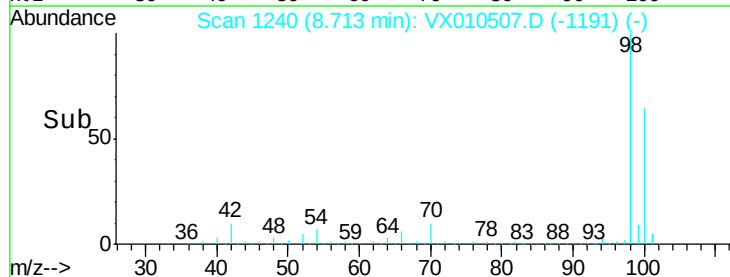
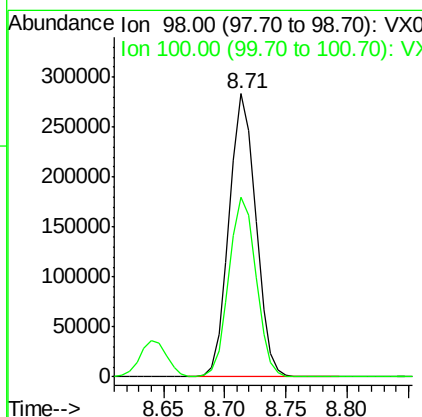
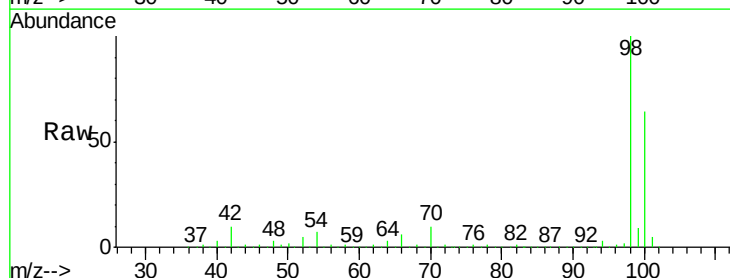
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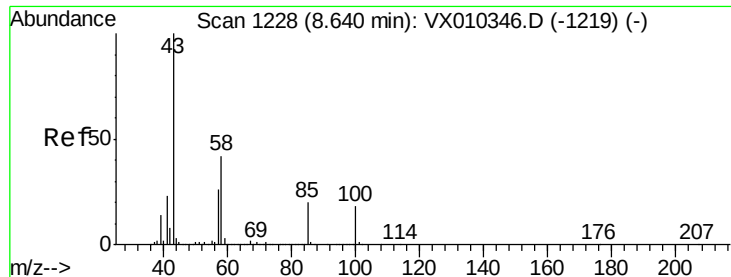
MMDadoda
6/28/2019 10:36:40 AM



#50
Toluene-d8
Concen: 48.796 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 98.297 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

Tot Ion: 43 Resp: 319319

Ion Ratio Lower Upper

43 100

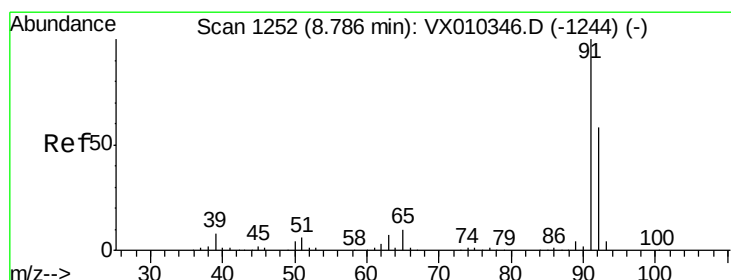
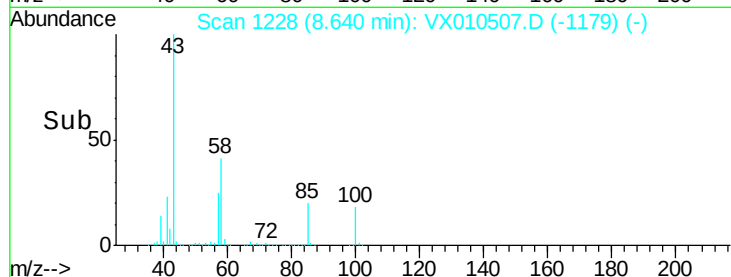
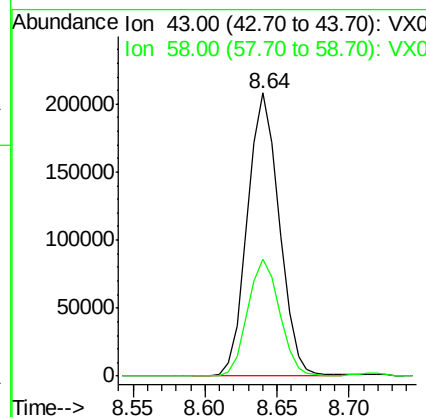
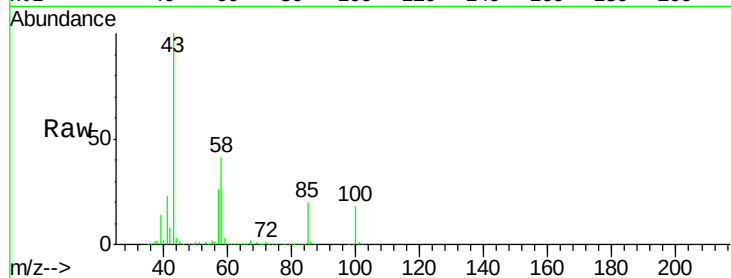
58 41.3 33.5 50.3

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6/28/2019 10:36:40 AM



#52

Toluene

Concen: 18.728 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010507.D

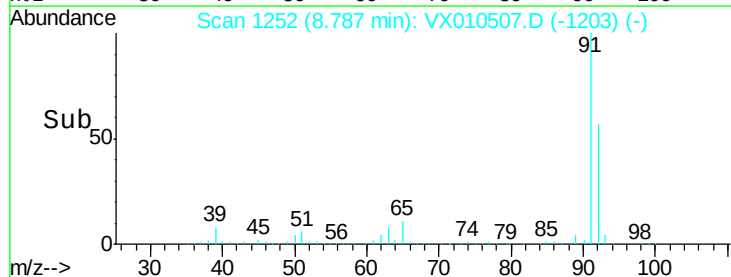
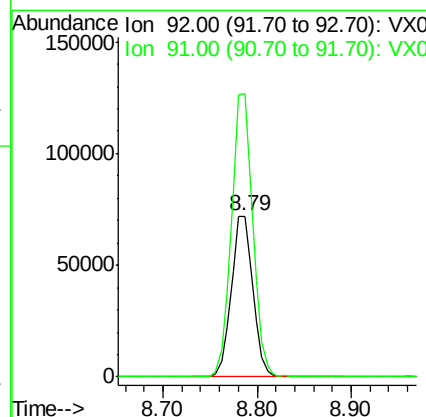
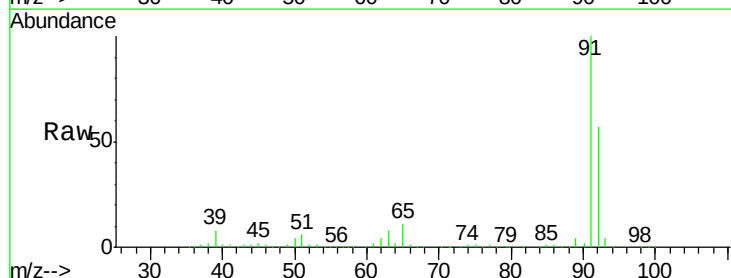
Acq: 28 Jun 2019 00:16

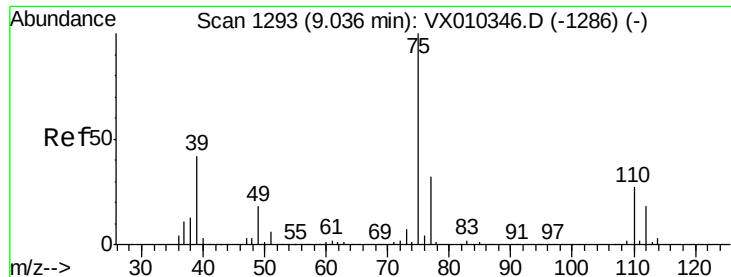
Tgt Ion: 92 Resp: 114660

Ion Ratio Lower Upper

92 100

91 174.0 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 16.592 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

Tot Ion: 75 Resp: 57426

Ion Ratio Lower Upper

75 100

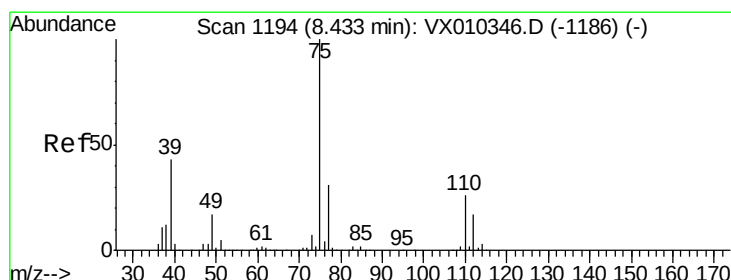
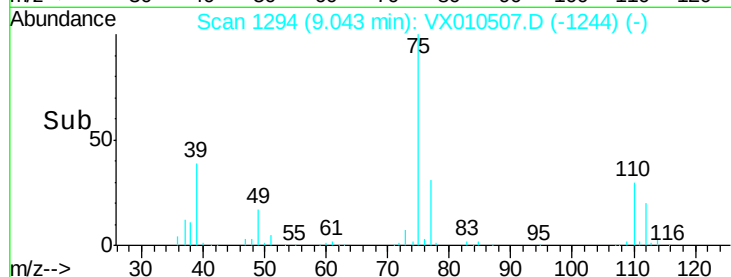
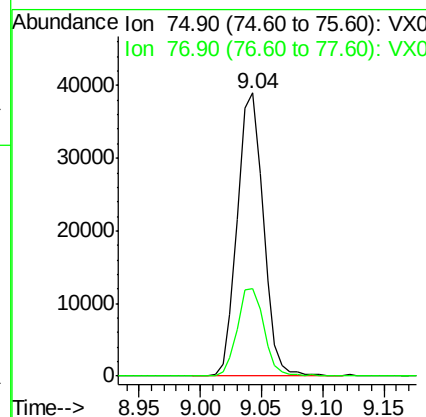
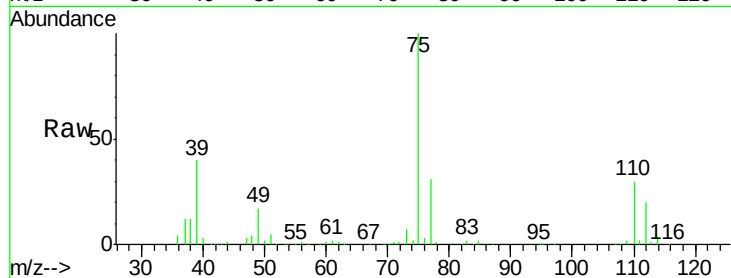
77 31.0 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 17.384 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

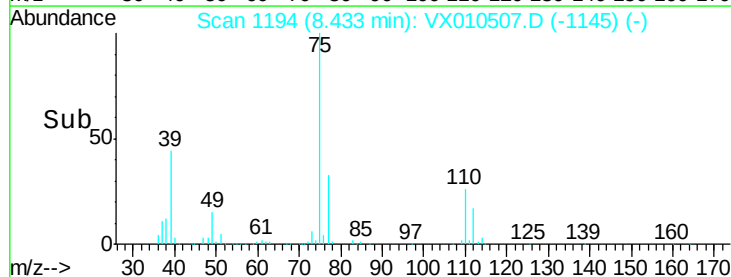
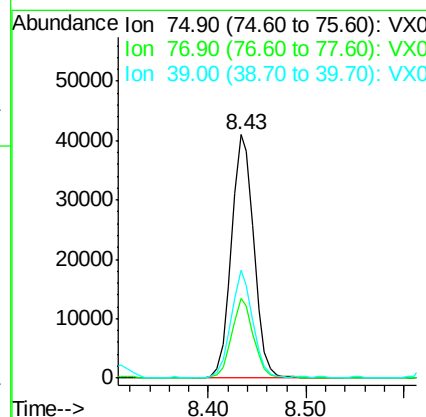
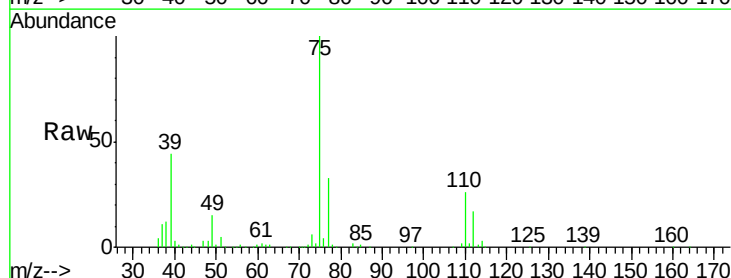
Tgt Ion: 75 Resp: 65383

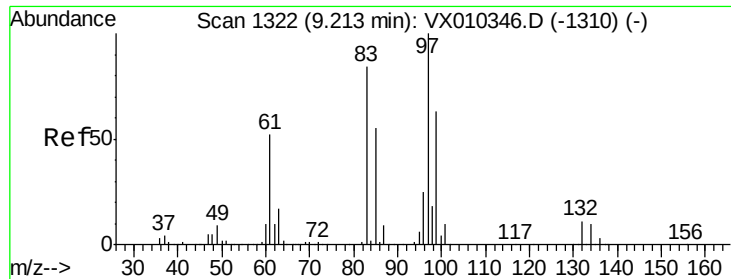
Ion Ratio Lower Upper

75 100

77 32.9 25.2 37.8

39 43.8 34.5 51.7





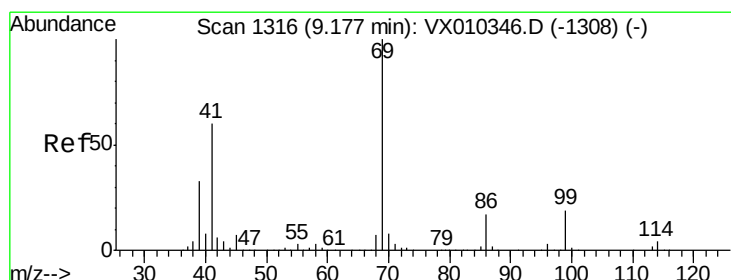
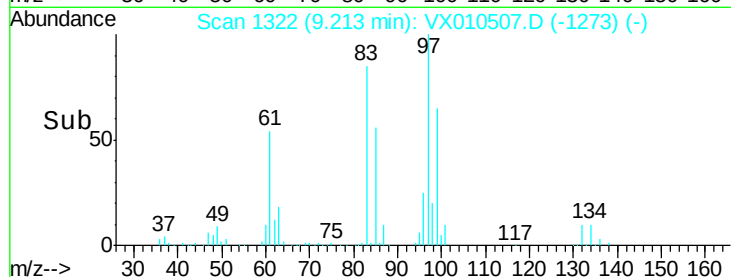
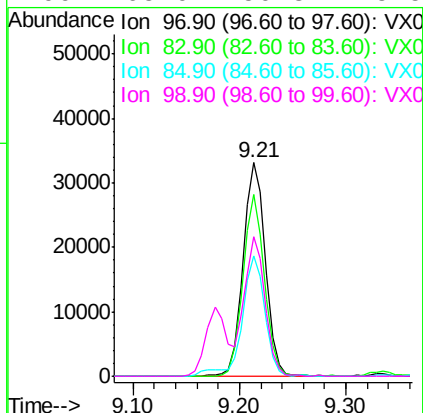
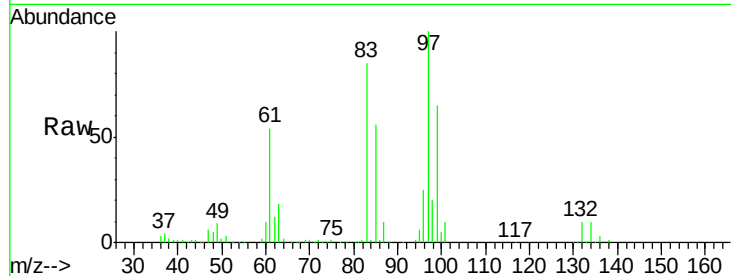
#55
 1,1,2-Trichloroethane
 Concen: 19.311 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.4	101.0
85	55.9	43.8	65.8
99	65.0	50.3	75.5

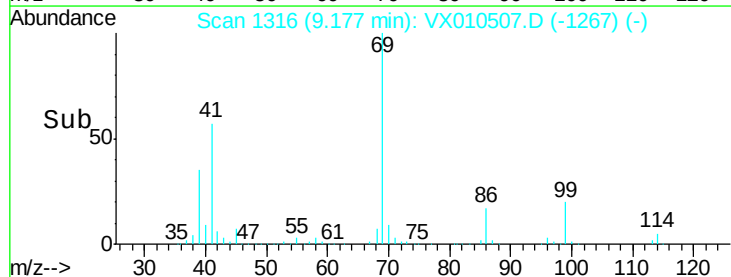
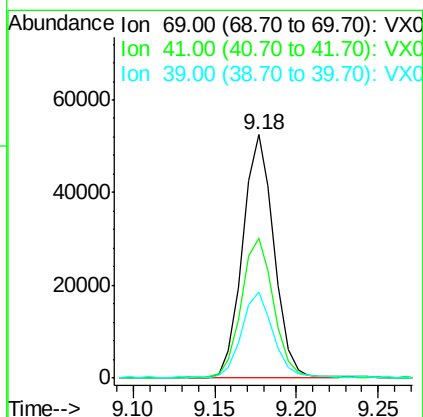
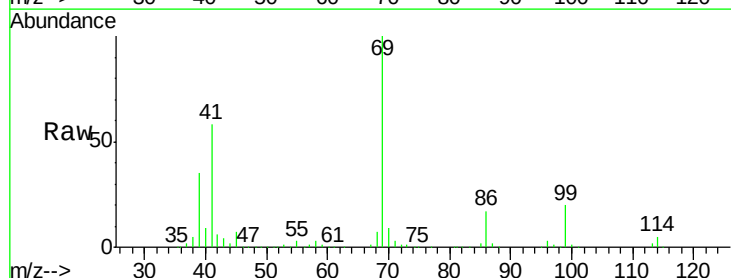
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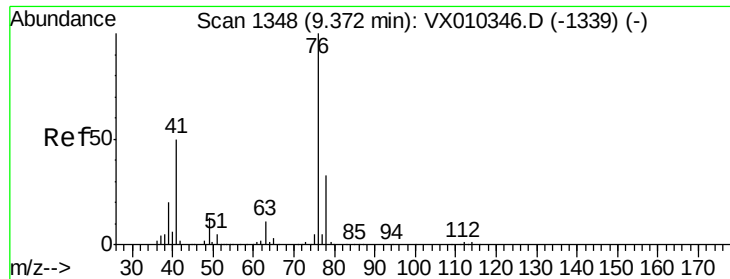
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#56
 Ethyl methacrylate
 Concen: 18.409 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.1	70.7
39	34.9	26.6	40.0





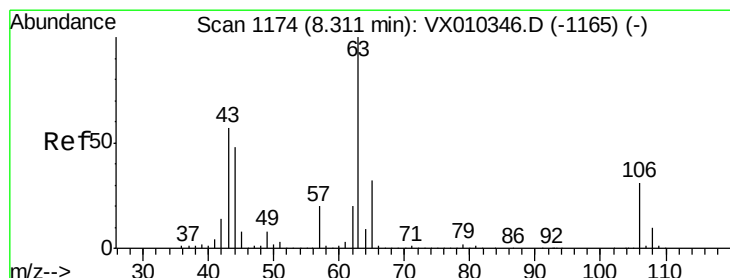
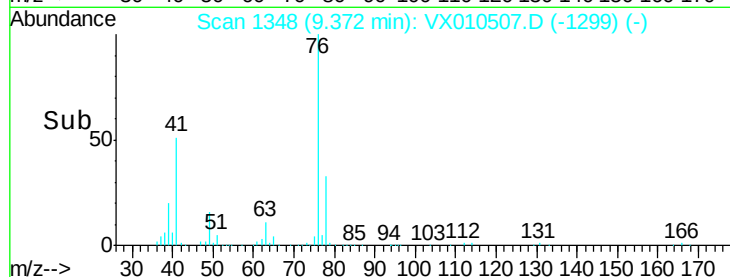
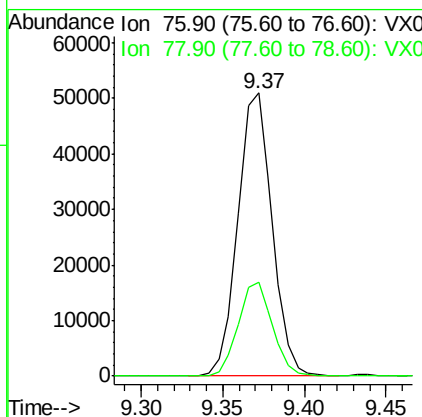
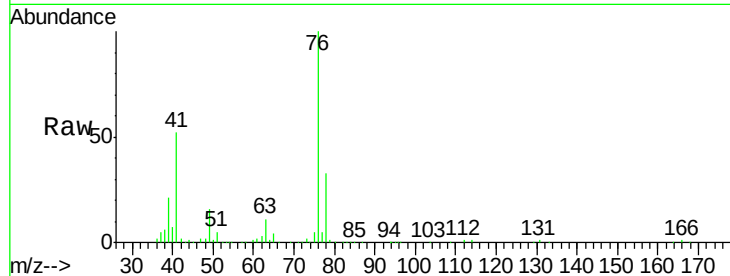
#57
 1,3-Dichloropropane
 Concen: 19.070 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion: 76 Resp: 74746
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.1 39.1

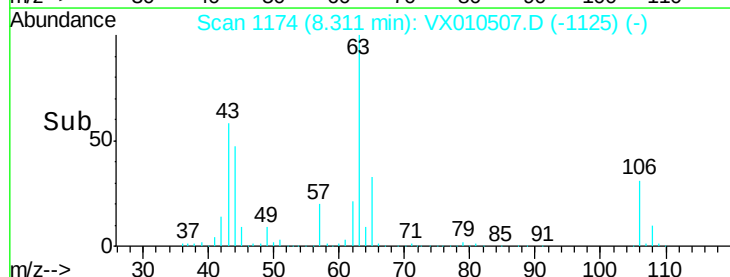
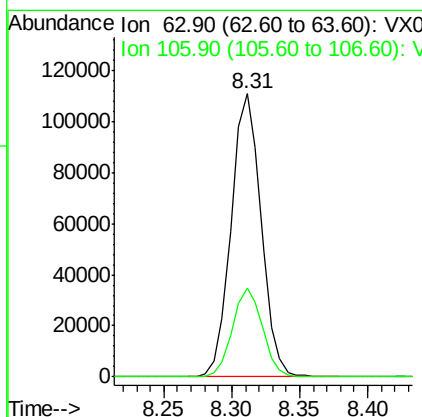
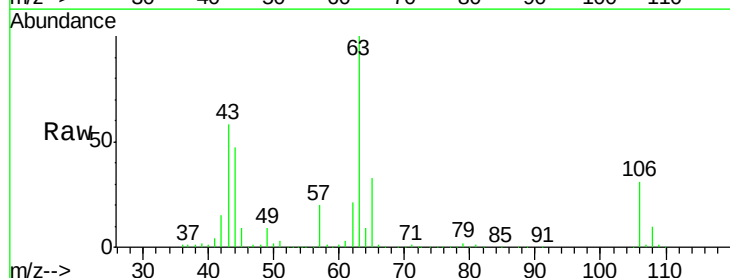
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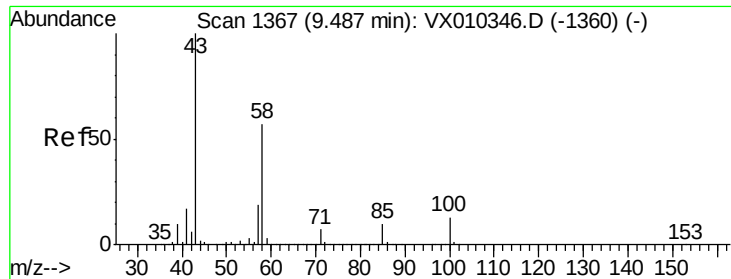
MMDadoda
 6/28/2019 10:36:40 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.623 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion: 63 Resp: 170080
 Ion Ratio Lower Upper
 63 100
 106 31.4 24.7 37.1





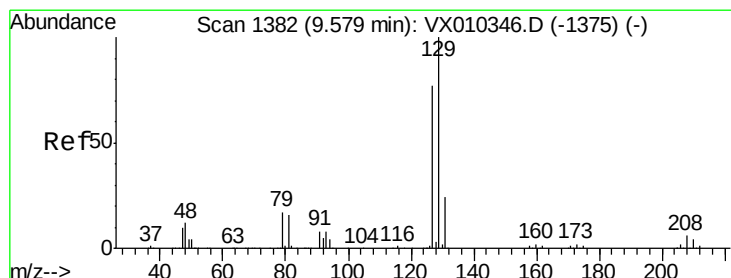
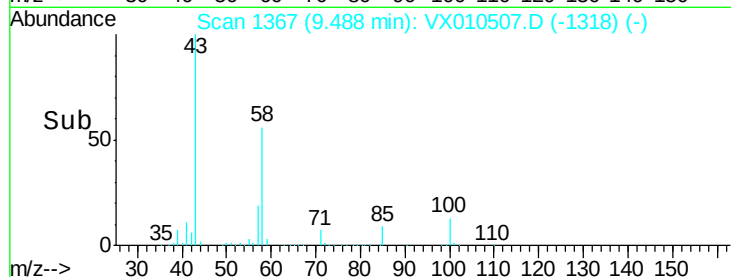
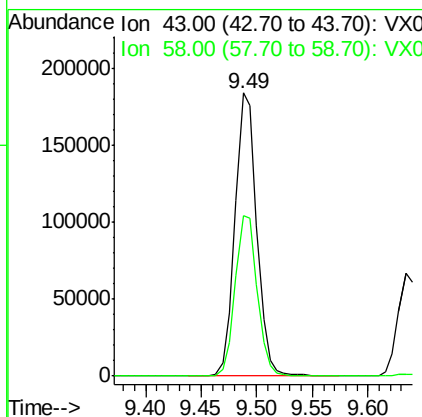
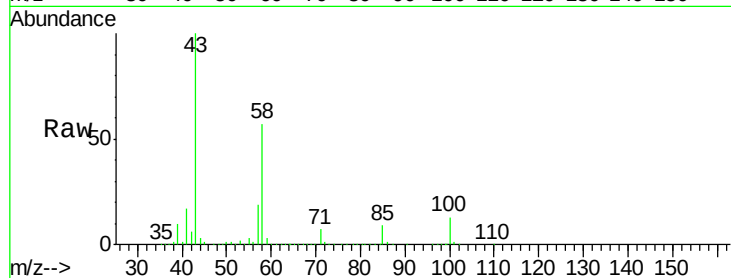
#59
2-Hexanone
Concen: 97.095 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion: 43 Resp: 248242
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.1

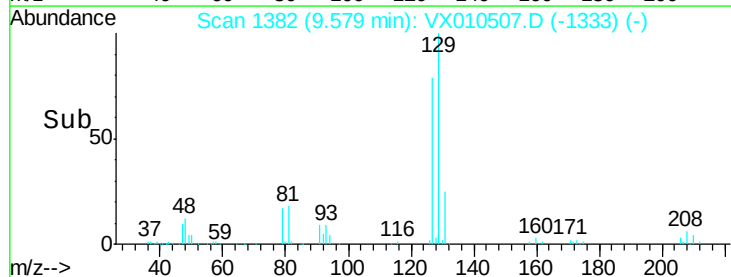
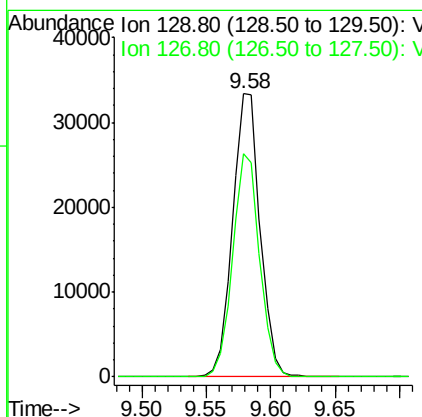
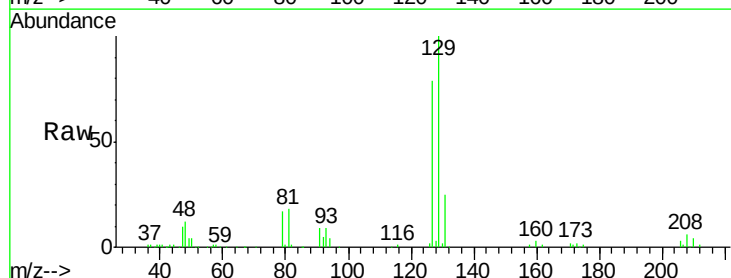
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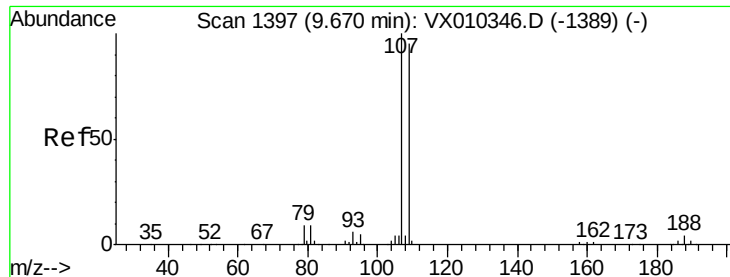
MMDadoda
6/28/2019 10:36:40 AM



#60
Dibromochloromethane
Concen: 17.557 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion: 129 Resp: 49638
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





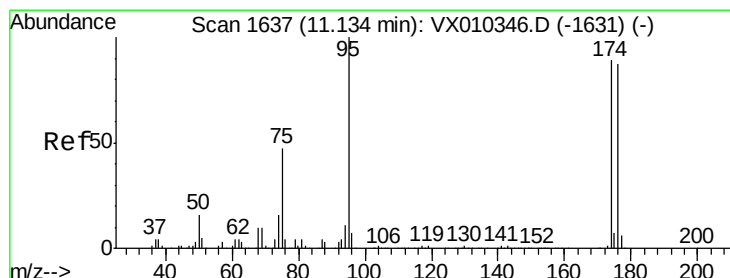
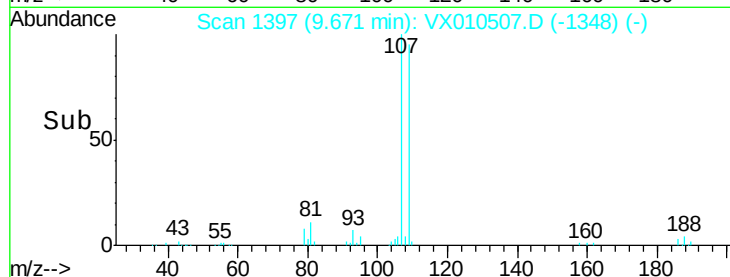
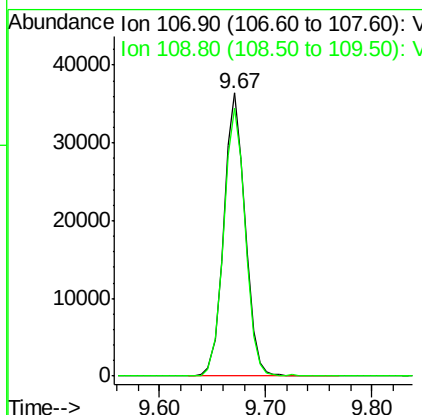
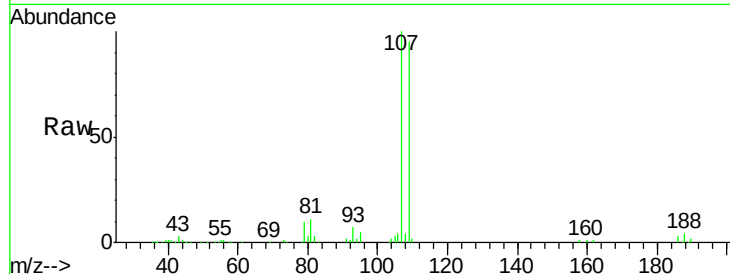
#61
 1,2-Dibromoethane
 Concen: 18.735 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.1	75.8	113.6

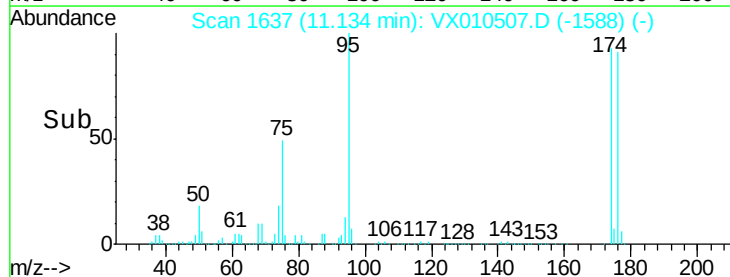
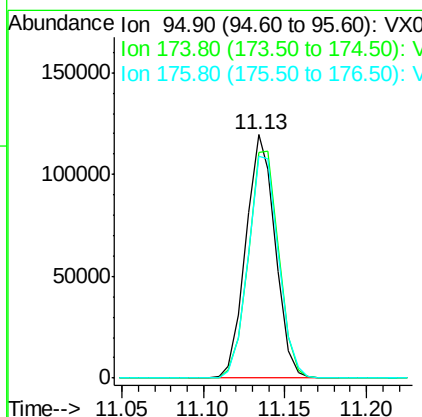
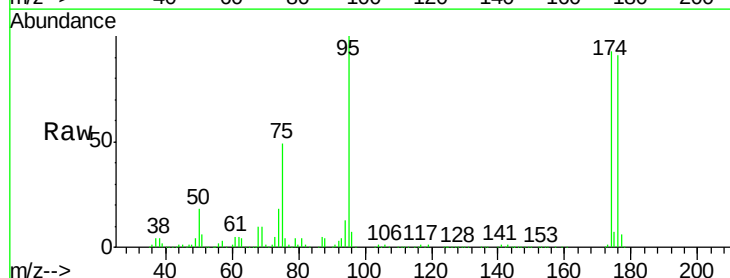
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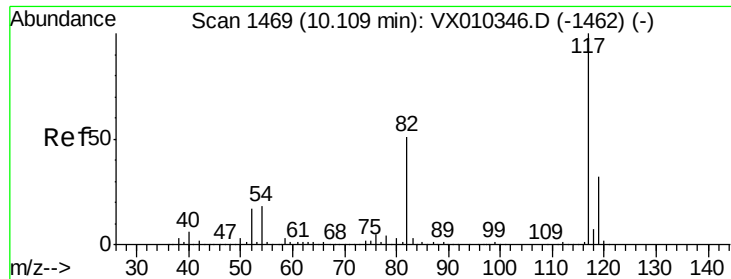
MMDadoda
 6/28/2019 10:36:40 AM



#62
 4-Bromofluorobenzene
 Concen: 47.419 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.0	0.0	187.6
176	95.0	0.0	184.0





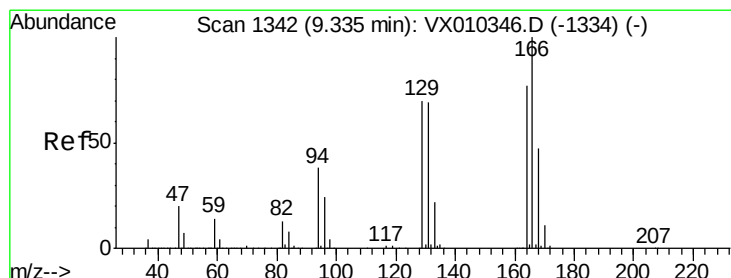
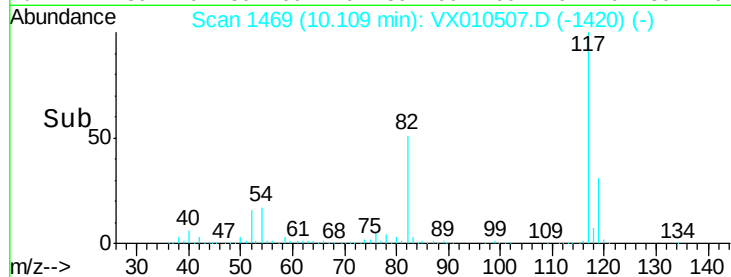
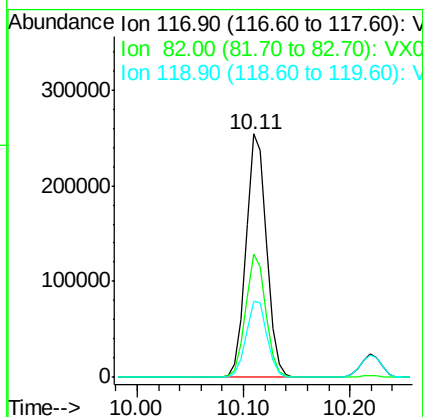
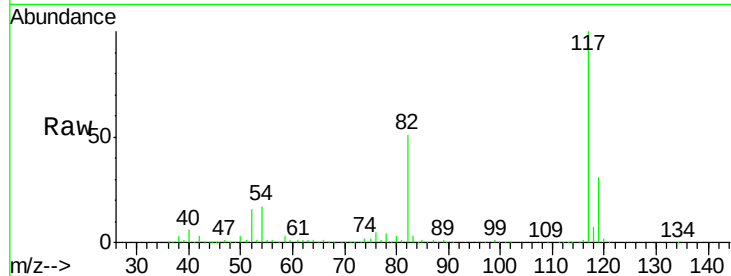
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	341954		
82	50.6	41.2	61.8	
119	31.1	25.5	38.3	

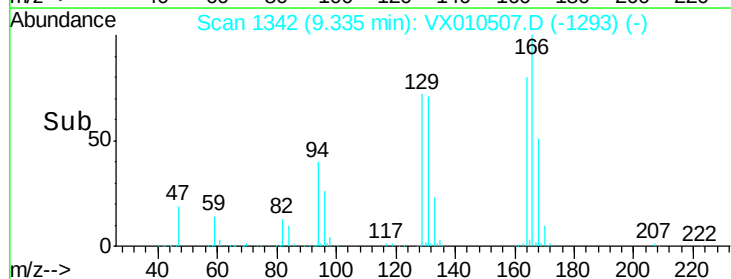
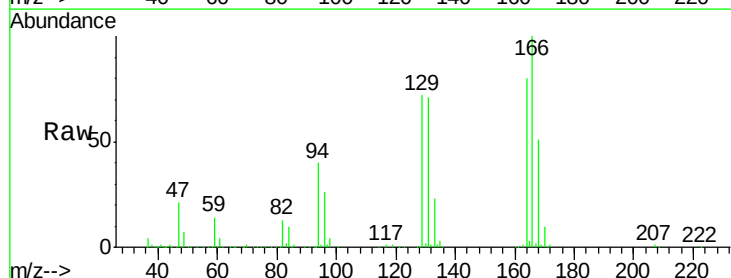
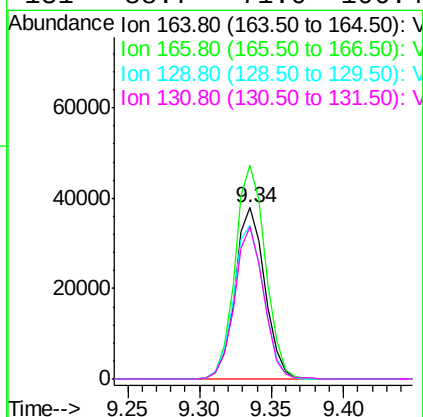
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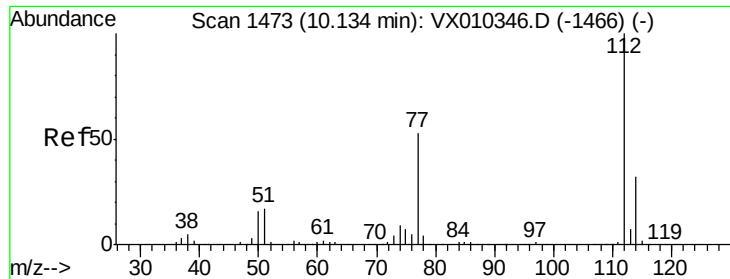
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#64
Tetrachloroethene
Concen: 19.749 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	54621		
166	124.8	103.6	155.4	
129	89.7	73.0	109.4	
131	88.7	71.0	106.4	





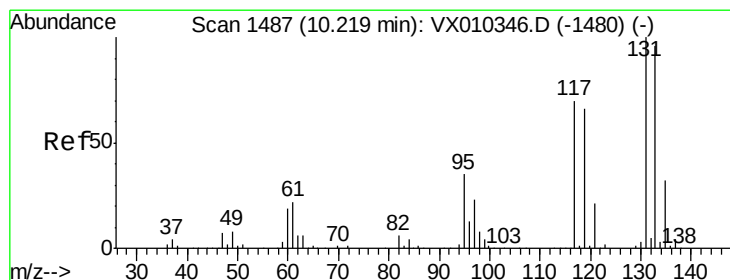
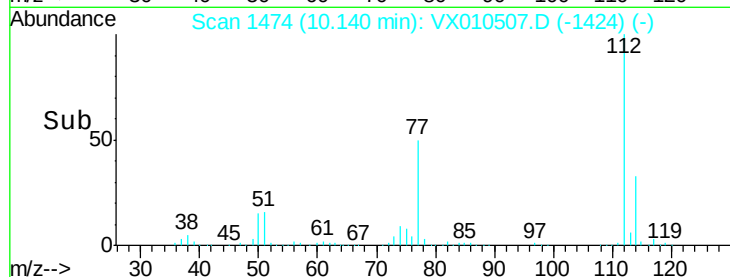
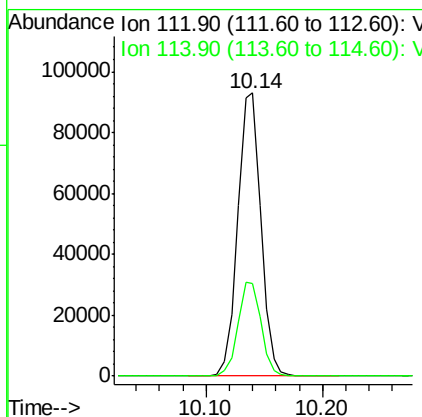
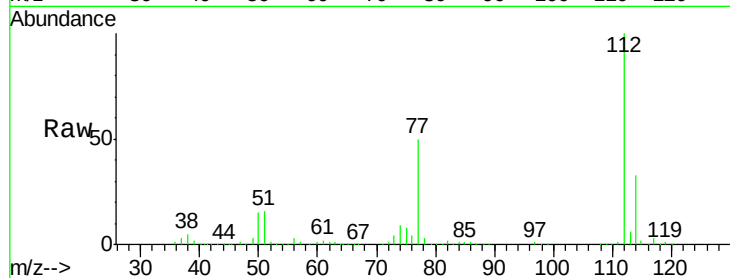
#65
Chlorobenzene
Concen: 18.609 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion:112 Resp: 129191
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

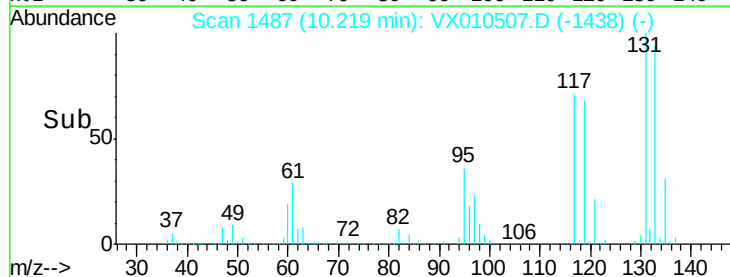
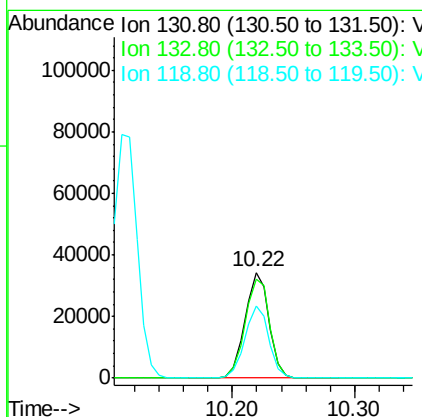
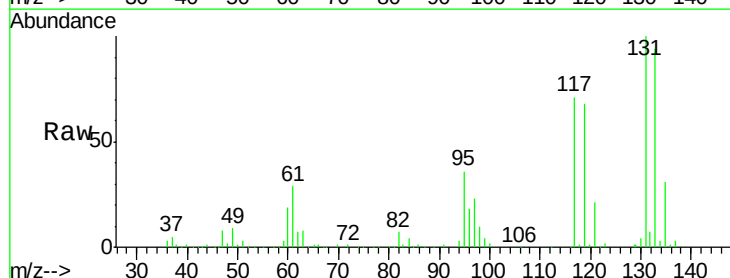
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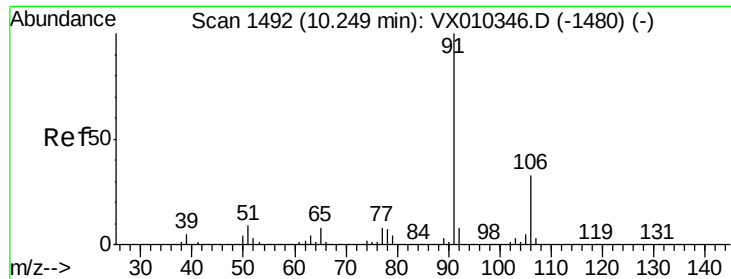
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.464 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion:131 Resp: 46691
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 68.2 32.6 97.7





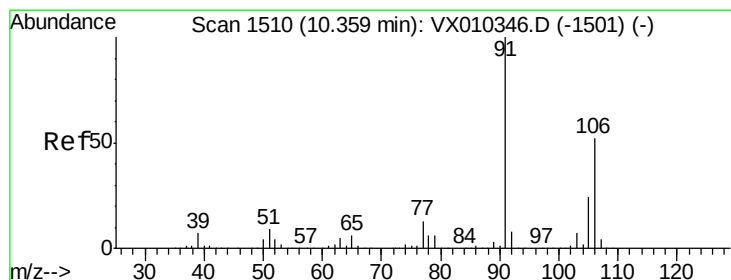
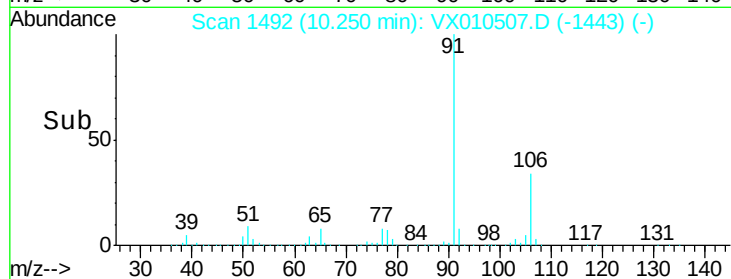
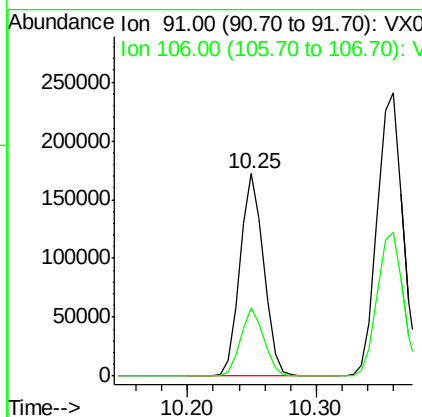
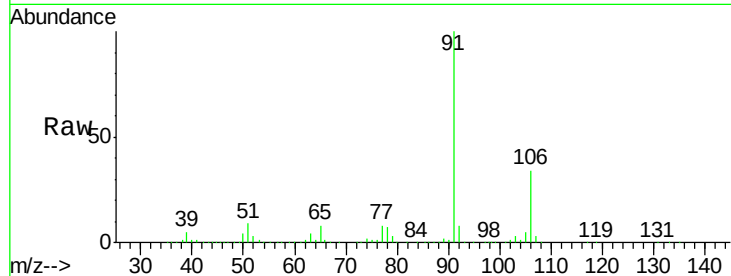
#67
Ethyl Benzene
Concen: 18.731 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion: 91 Resp: 219526
Ion Ratio Lower Upper
91 100
106 33.5 26.2 39.2

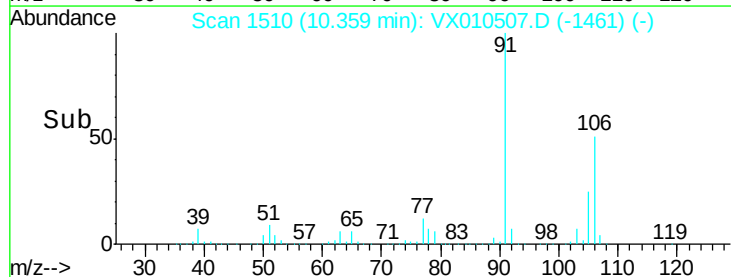
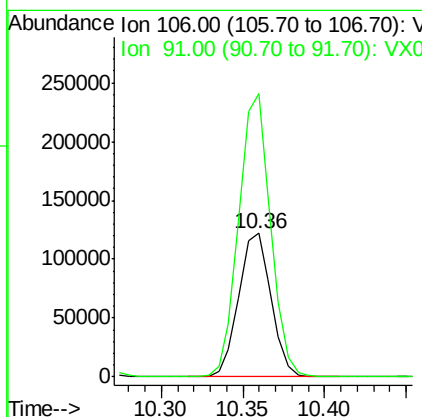
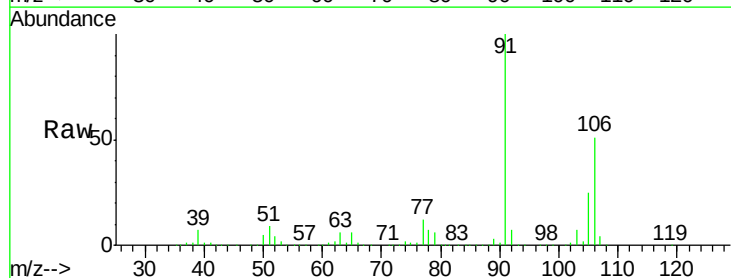
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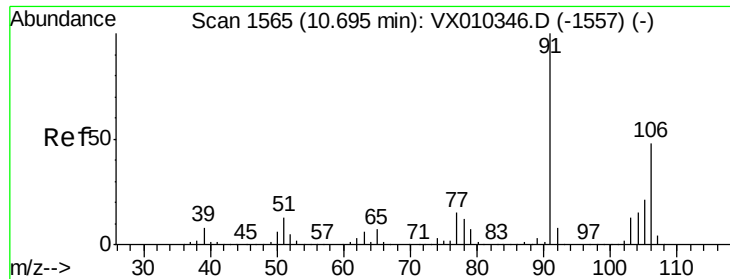
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#68
m/p-Xylenes
Concen: 37.167 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion: 106 Resp: 168786
Ion Ratio Lower Upper
106 100
91 194.2 155.3 232.9





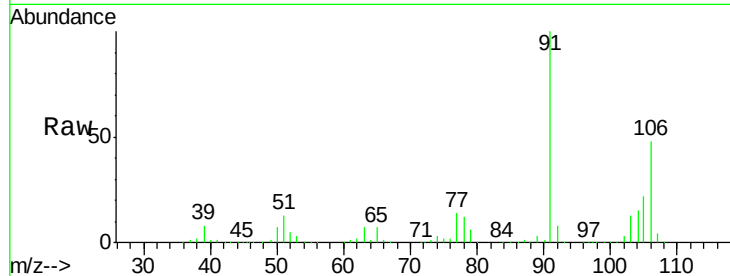
#69
o-Xylene
Concen: 18.771 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

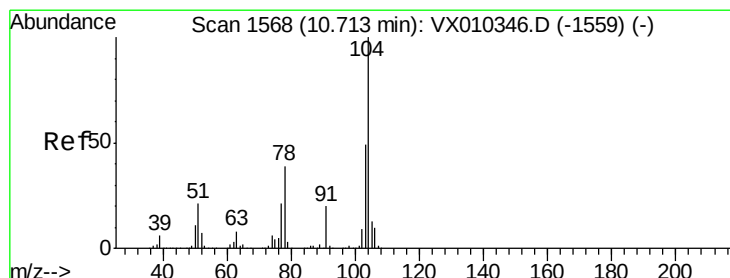
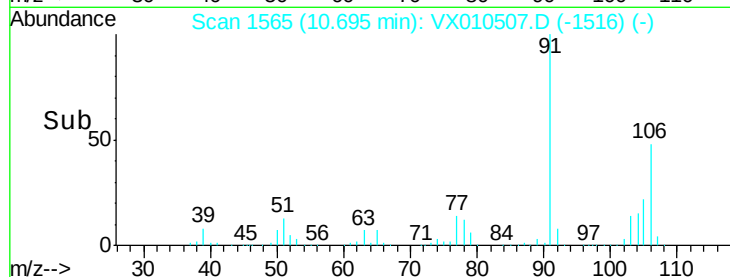
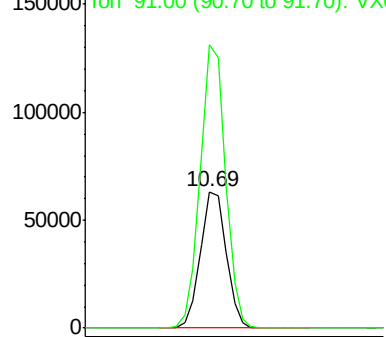
Tot Ion:106 Resp: 83830
Ion Ratio Lower Upper
106 100
91 203.6 102.7 308.1

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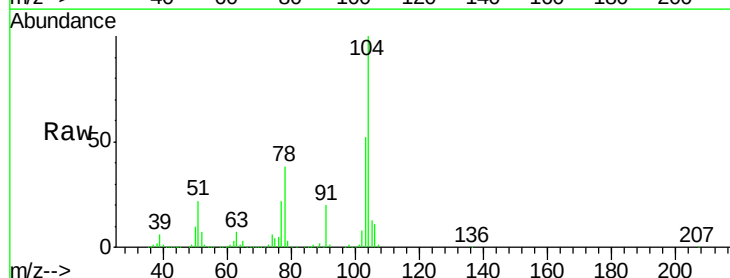


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

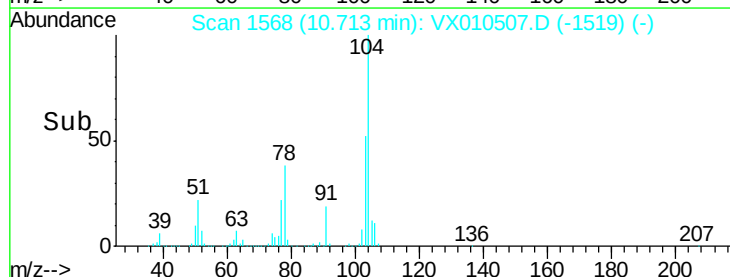
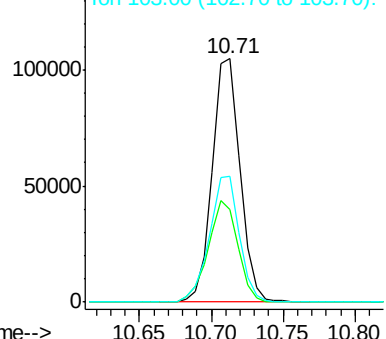


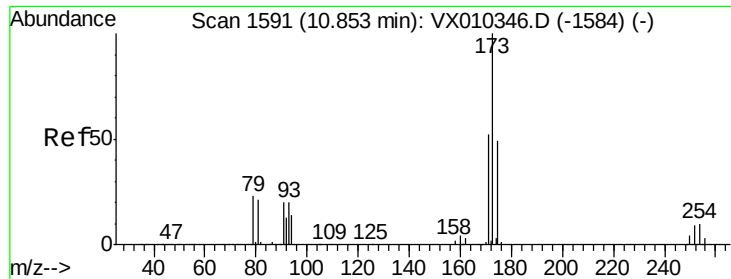
#70
Styrene
Concen: 18.794 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion:104 Resp: 140760
Ion Ratio Lower Upper
104 100
78 44.9 36.2 54.2
103 55.7 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.204 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

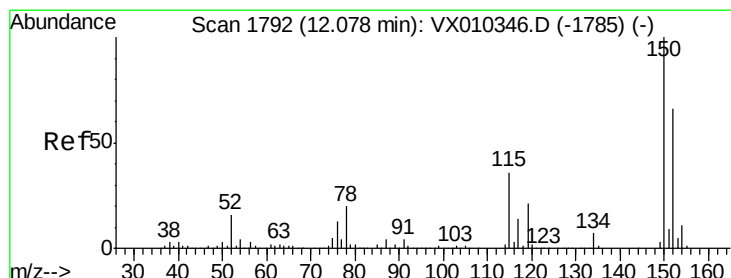
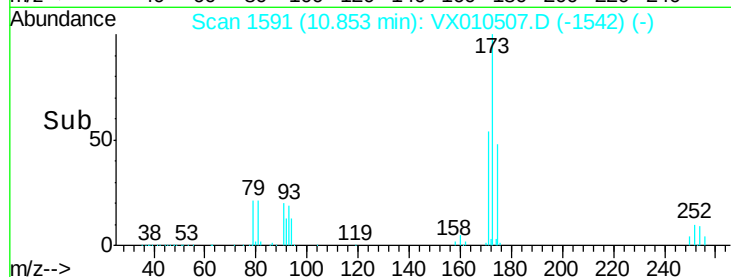
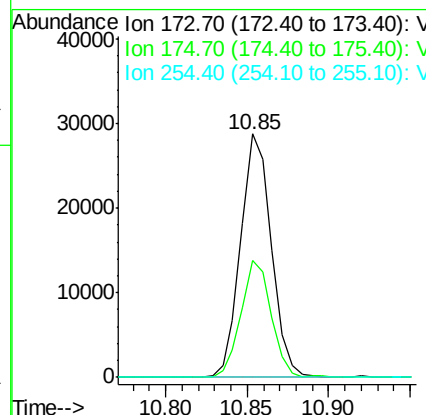
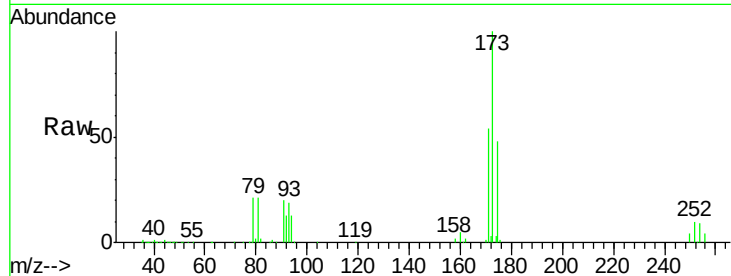
ClientSampleId :

VX0627WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.1	72.3
254	0.1	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

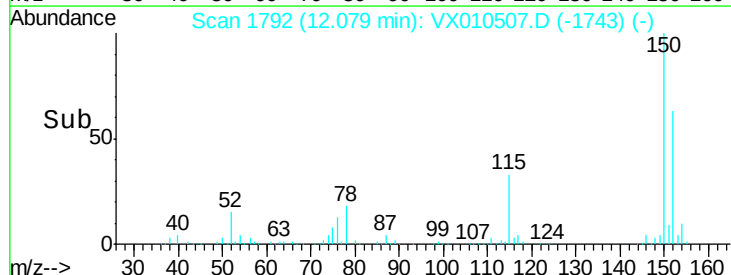
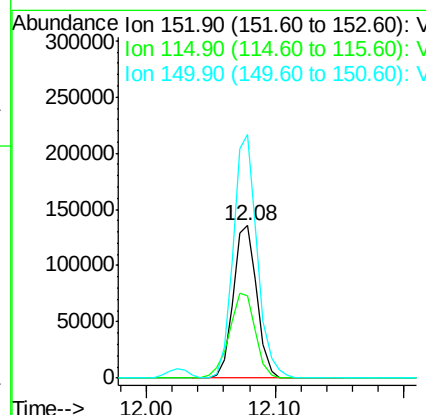
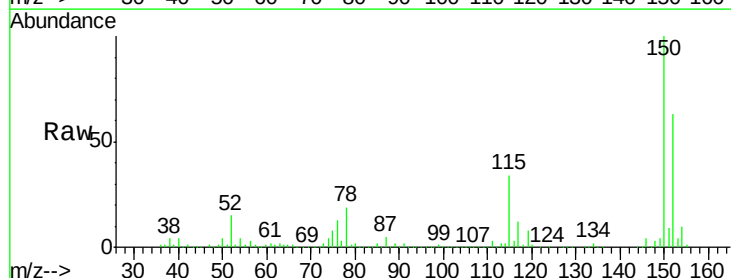
RT: 12.08 min Scan# 1792

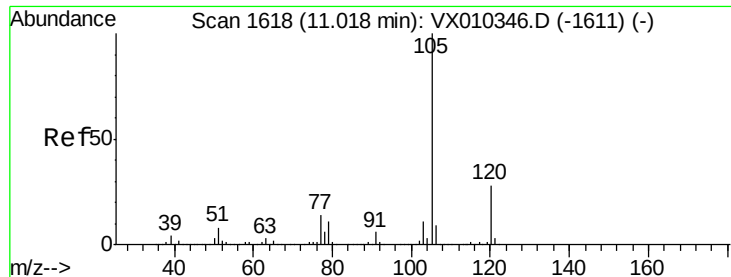
Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	38.6	115.7
150	163.0	0.0	347.4





#73

Isopropylbenzene

Concen: 18.800 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

Tot Ion:105 Resp: 221104

Ion Ratio Lower Upper

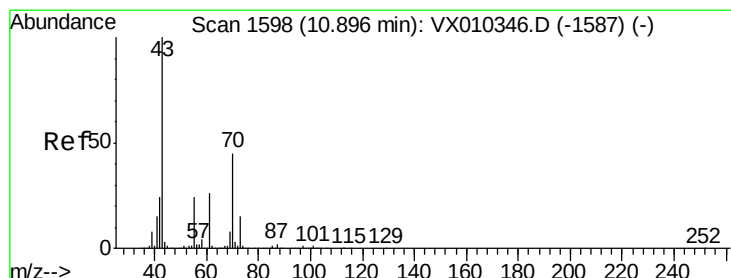
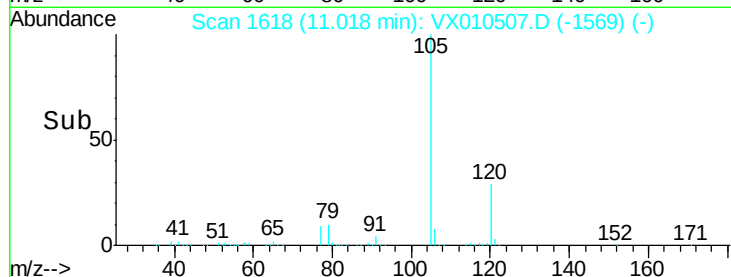
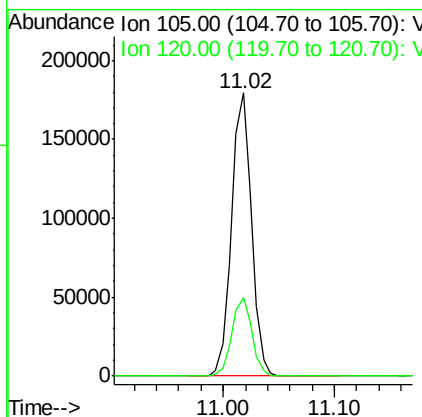
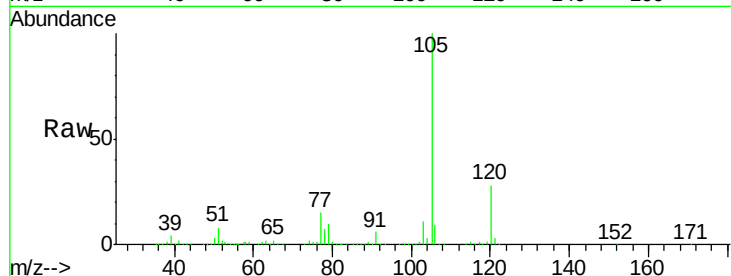
105 100

120 27.8 14.1 42.4

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#74

N-ethyl acetate

Concen: 18.926 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion: 43 Resp: 84120

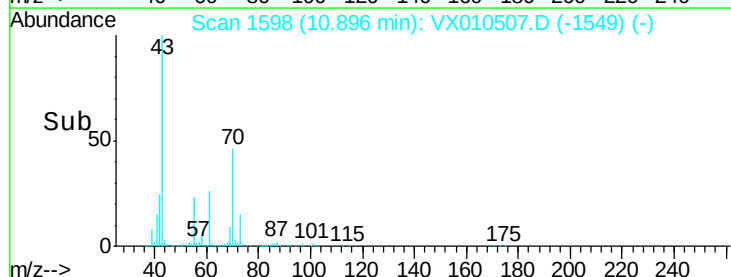
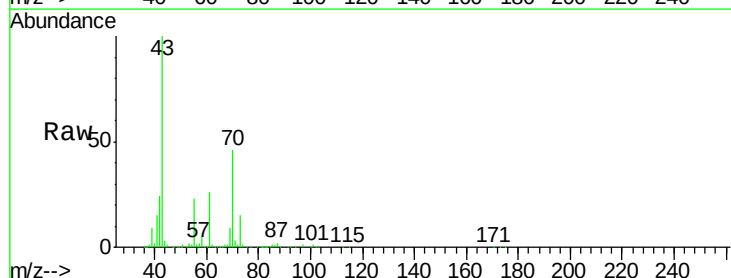
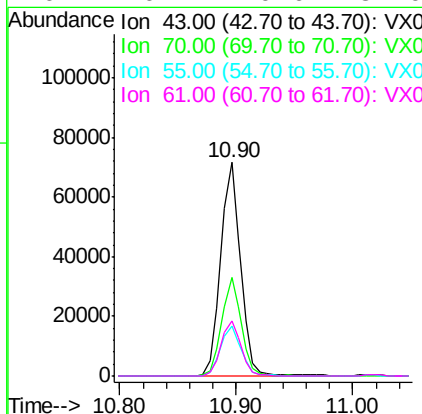
Ion Ratio Lower Upper

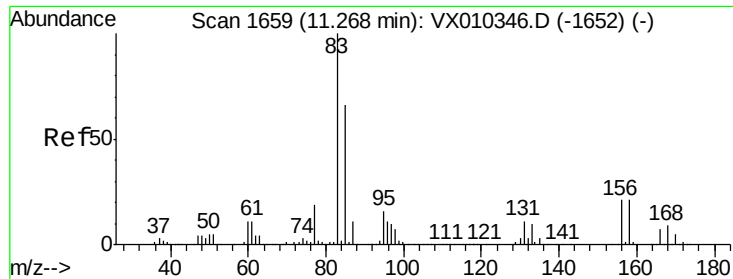
43 100

70 45.4 36.6 54.8

55 24.7 18.7 28.1

61 26.2 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.307 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

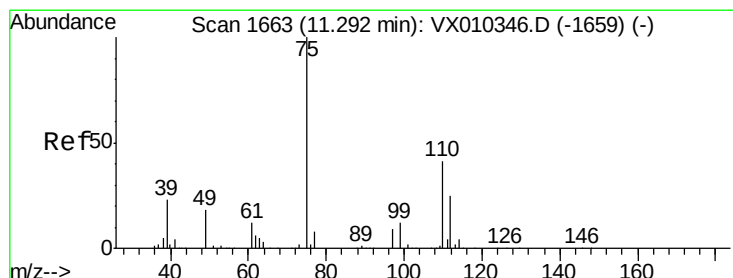
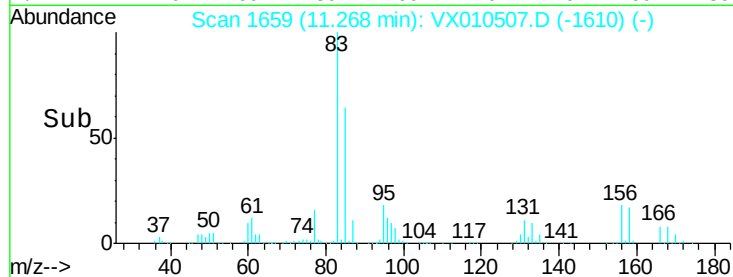
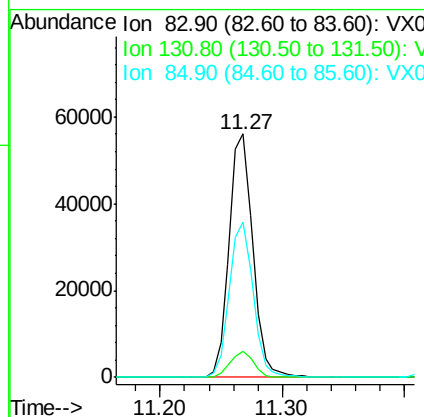
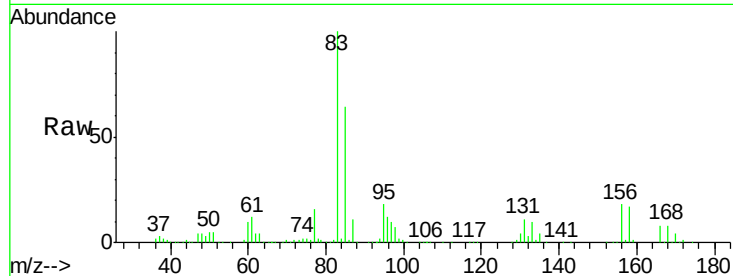
ClientSampleId :

VX0627WBSD02

Tot Ion:	83	Resp:	75198
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.5	16.4
85	64.0	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 19.223 ug/l m

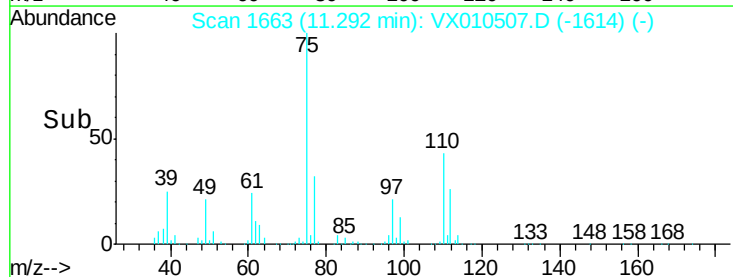
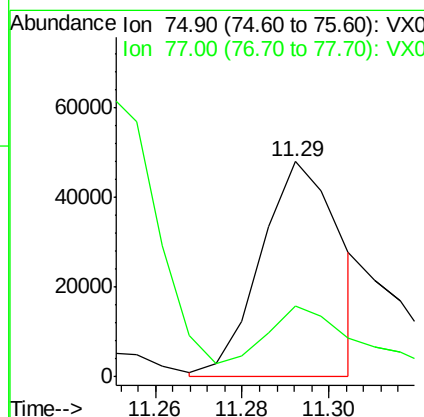
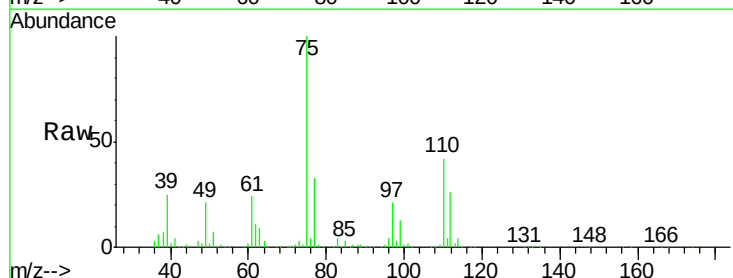
RT: 11.29 min Scan# 1663

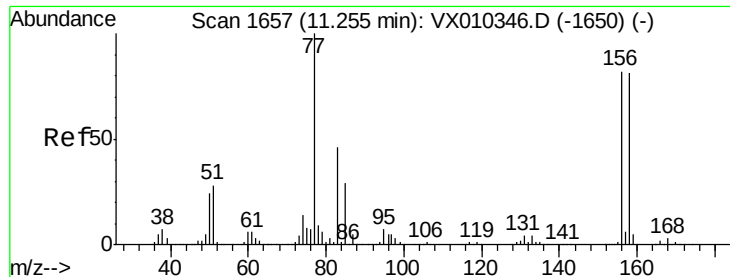
Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion:	75	Resp:	60775
Ion	Ratio	Lower	Upper
75	100		
77	41.4	22.6	67.8





#77

Bromobenzene

Concen: 18.986 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

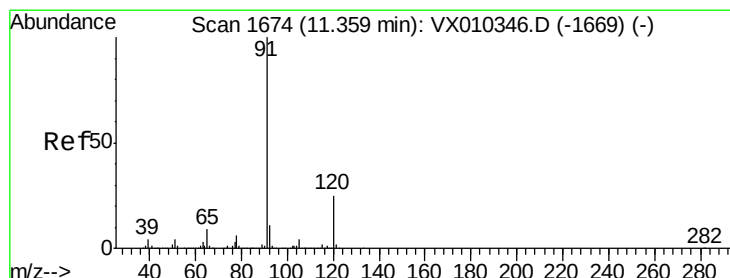
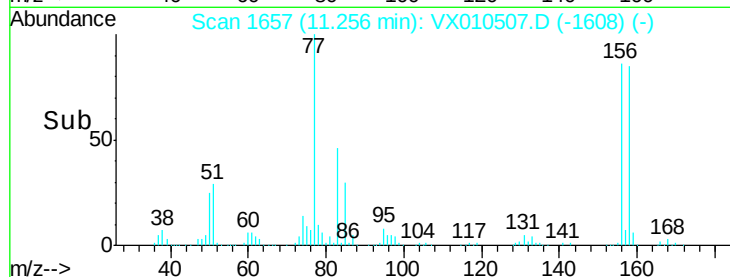
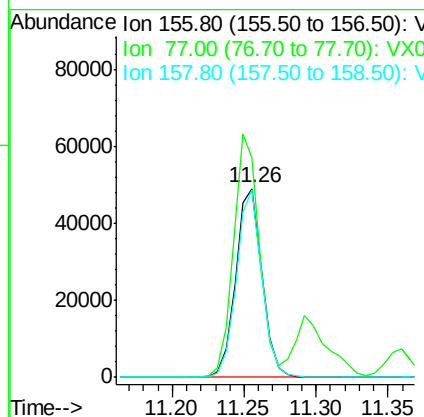
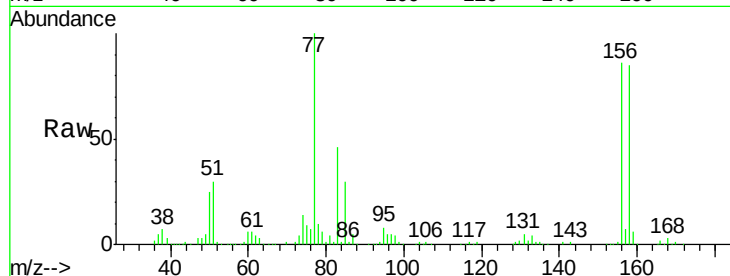
ClientSampleId :

VX0627WBSD02

Tot Ion:	156	Resp:	62351
Ion	Ratio	Lower	Upper
156	100		
77	127.7	66.3	198.7
158	96.0	48.9	146.7

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#78

n-propylbenzene

Concen: 18.385 ug/l

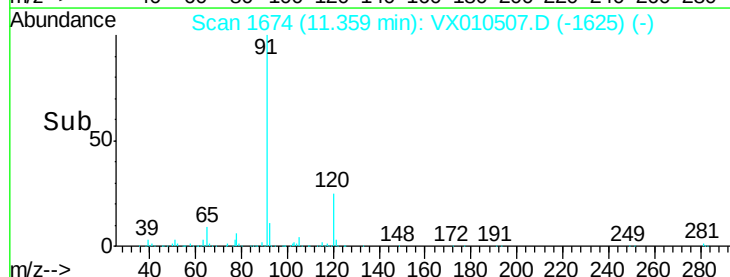
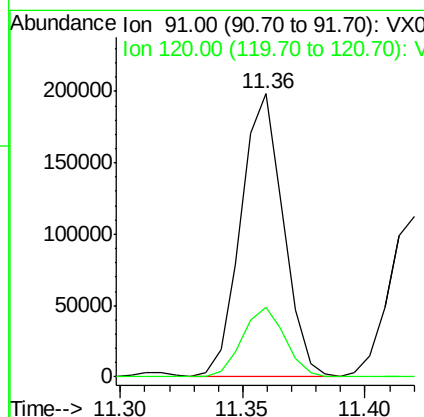
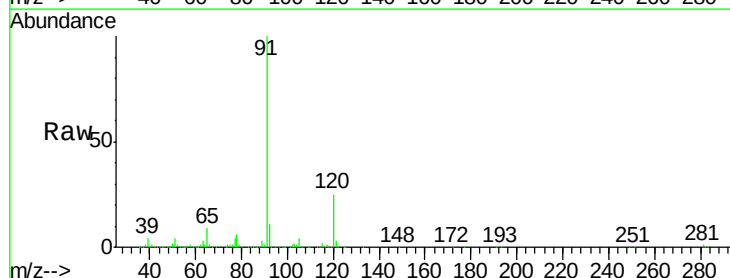
RT: 11.36 min Scan# 1674

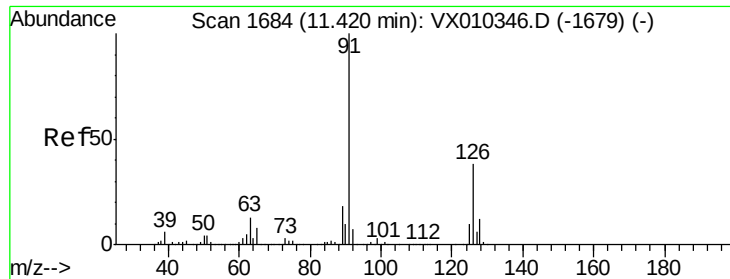
Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion:	91	Resp:	237638
Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.4	37.4





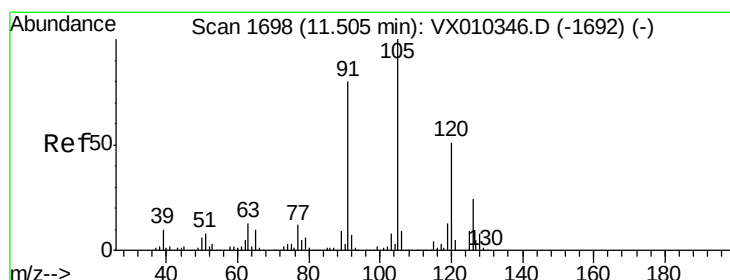
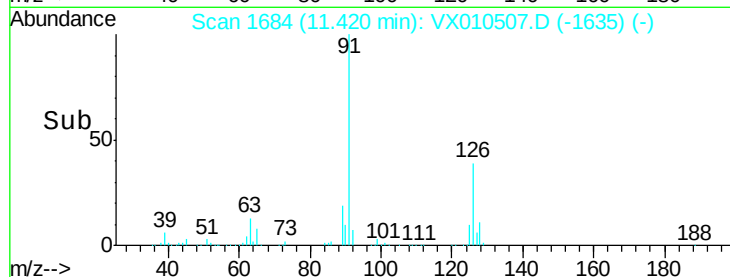
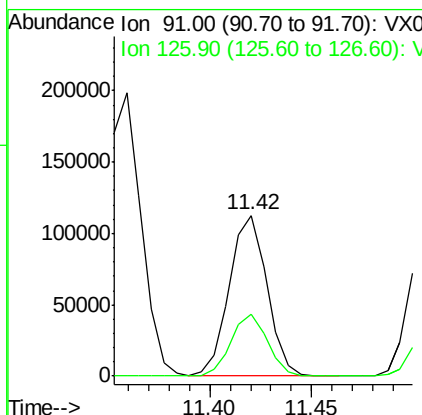
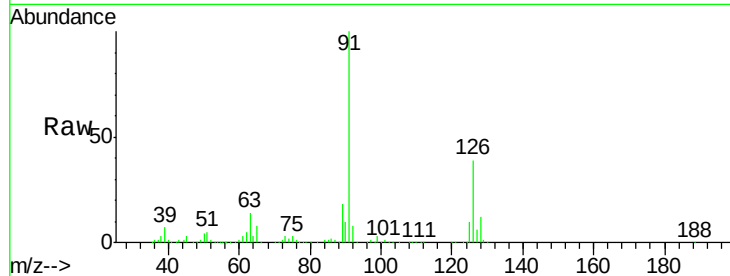
#79
 2-Chlorotoluene
 Concen: 18.523 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion: 91 Resp: 142572
 Ion Ratio Lower Upper
 91 100
 126 37.9 18.7 56.1

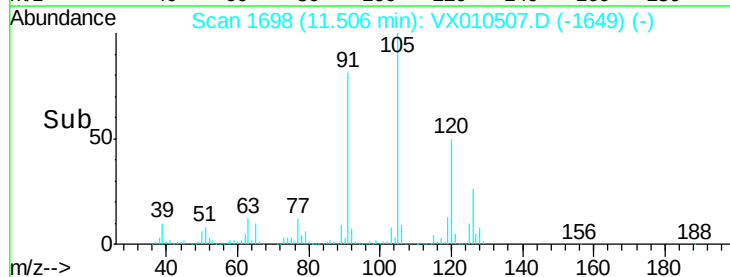
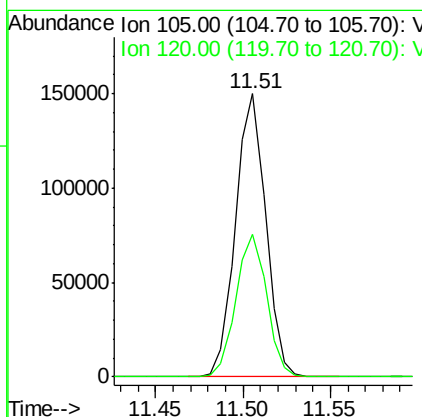
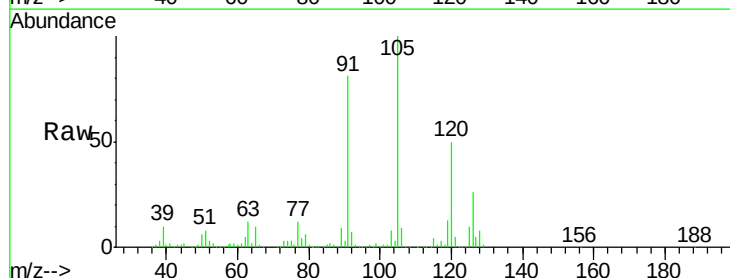
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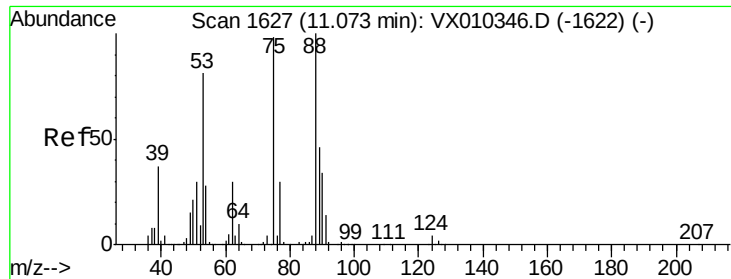
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.554 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion: 105 Resp: 179894
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.2 75.6





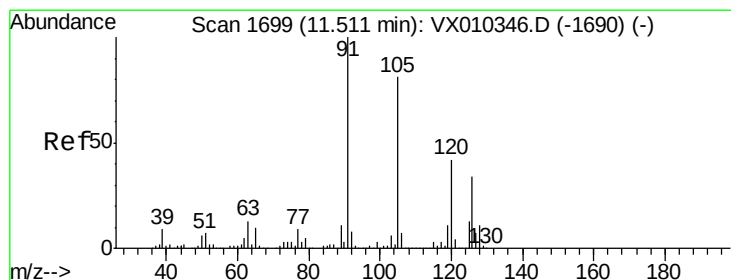
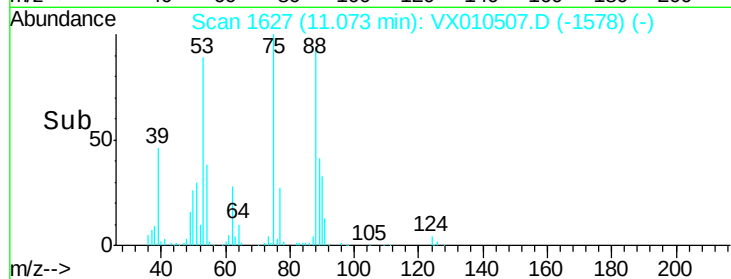
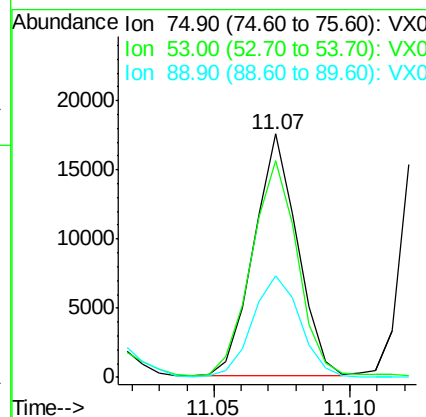
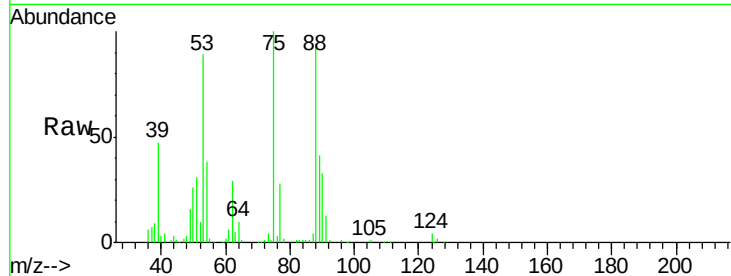
#81
trans-1,4-Dichloro-2-butene
Concen: 14.404 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.6	66.1	99.1
89	46.1	37.8	56.6

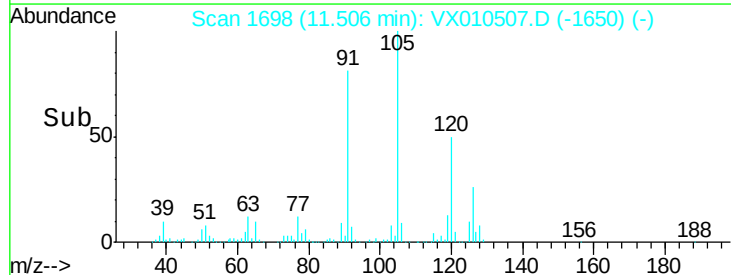
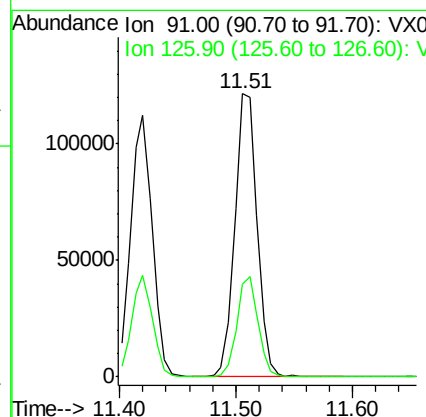
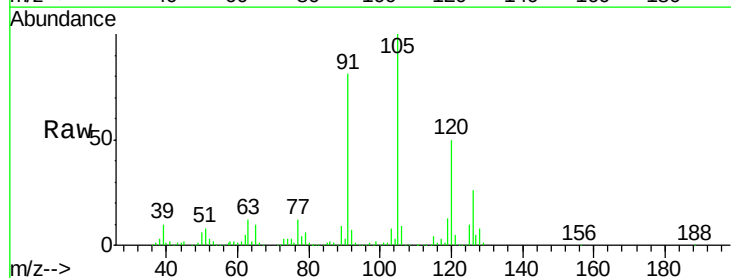
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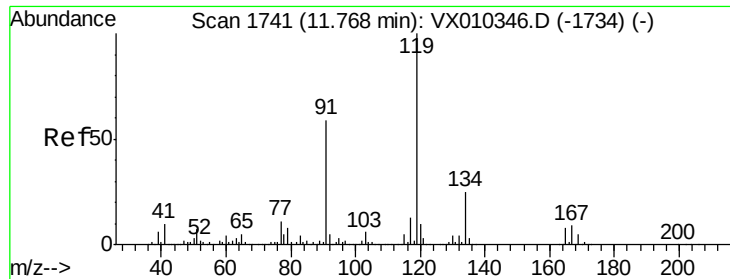
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#82
4-Chlorotoluene
Concen: 18.542 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.2	48.6





#83

tert-Butylbenzene

Concen: 18.376 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

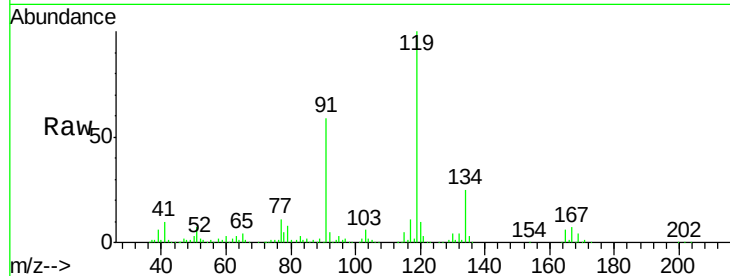
ClientSampleId :

VX0627WBSD02

Tot Ion:	119	Resp:	178825
Ion Ratio	Lower	Upper	
119	100		
91	56.0	27.6	82.7
134	24.6	11.8	35.4

Manual Integrations
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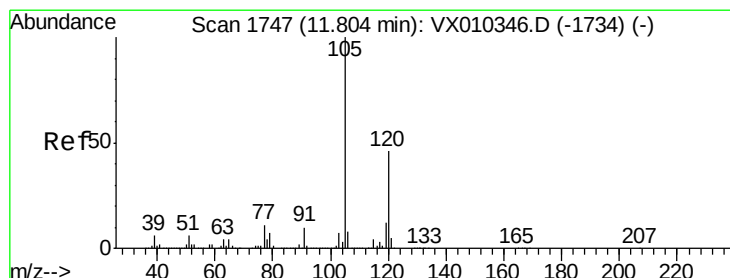
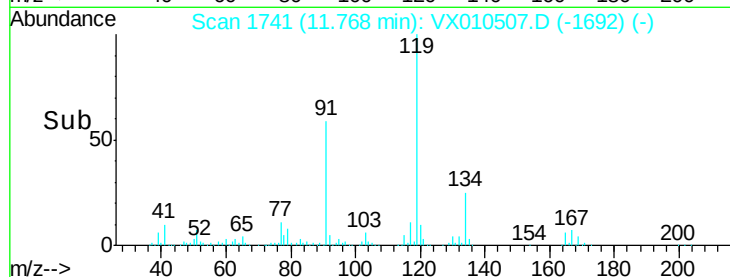
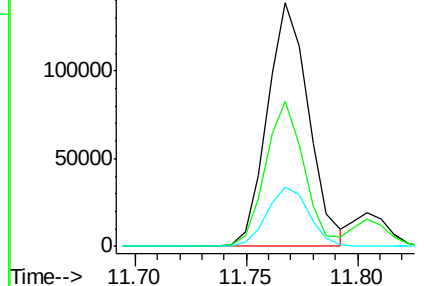
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.783 ug/l

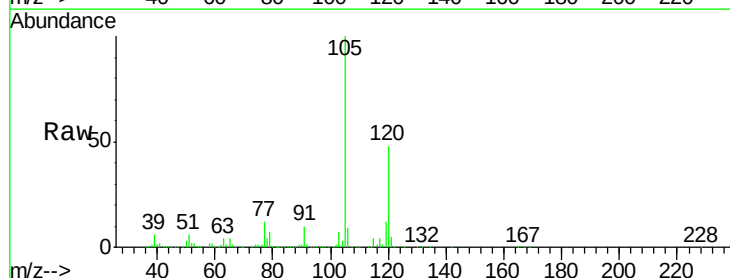
RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010507.D

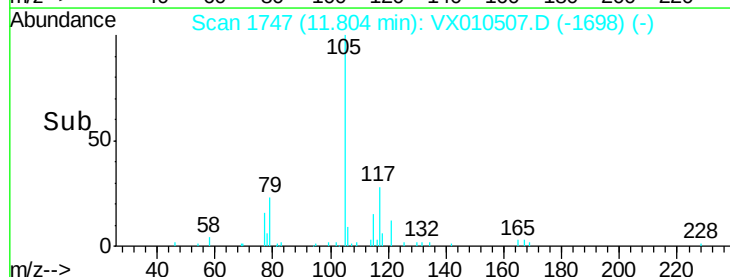
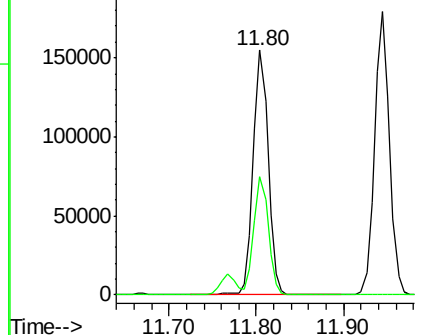
Acq: 28 Jun 2019 00:16

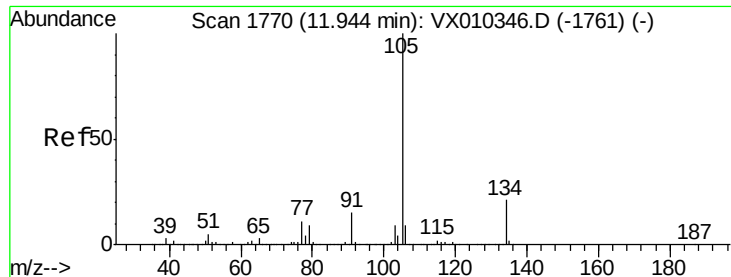
Tgt Ion:	105	Resp:	182966
Ion Ratio	Lower	Upper	
105	100		
120	46.6	23.1	69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.668 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

Tot Ion:105 Resp: 213300

Ion Ratio Lower Upper

105 100

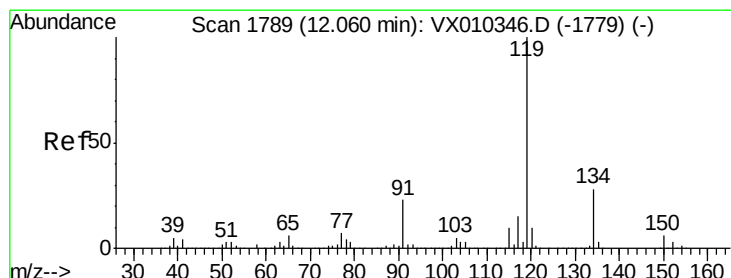
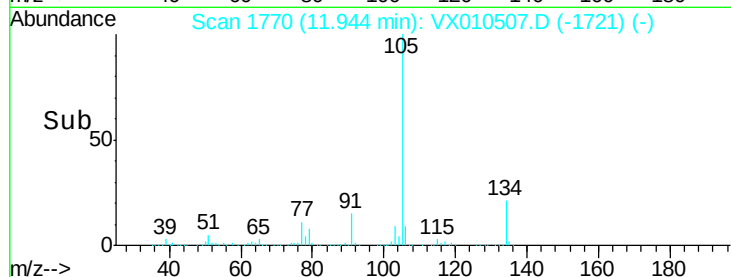
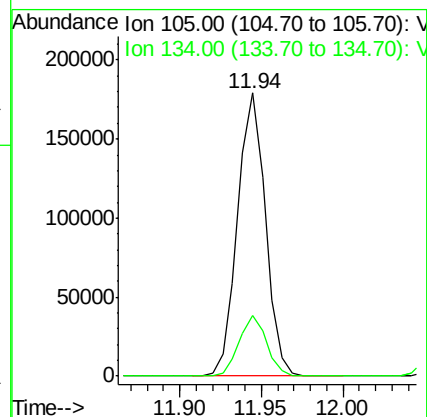
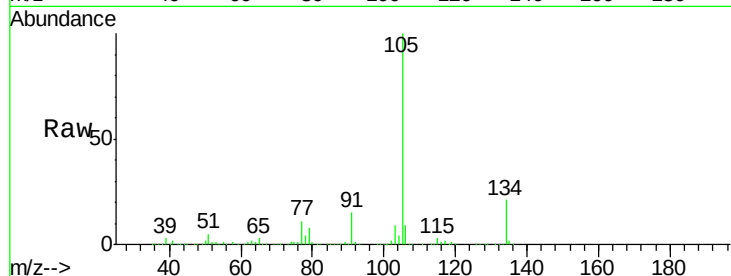
134 21.1 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 18.199 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

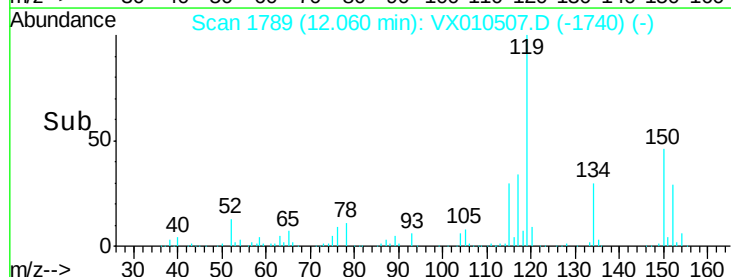
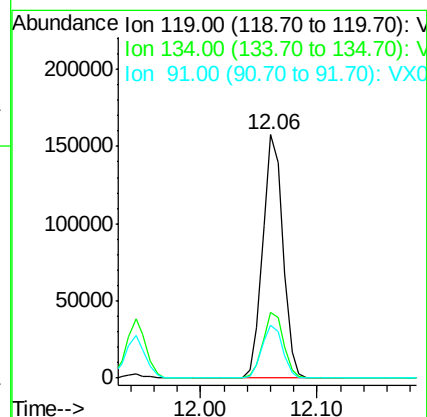
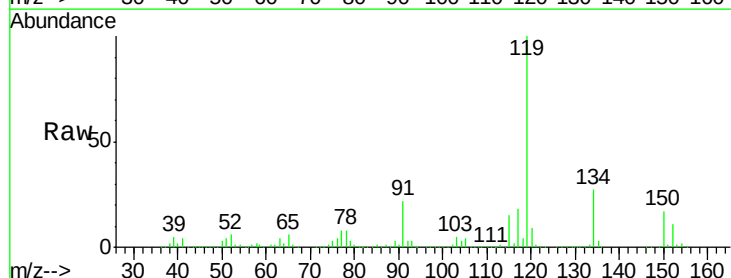
Tgt Ion:119 Resp: 192338

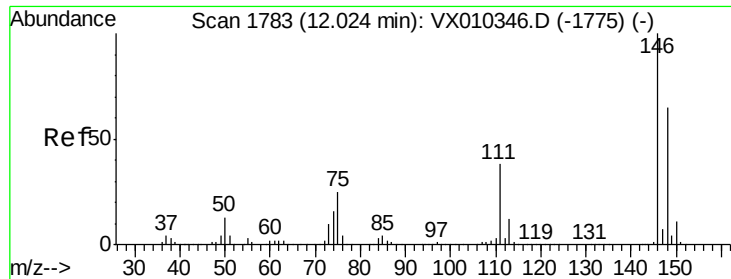
Ion Ratio Lower Upper

119 100

134 27.8 13.7 41.1

91 22.3 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.710 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

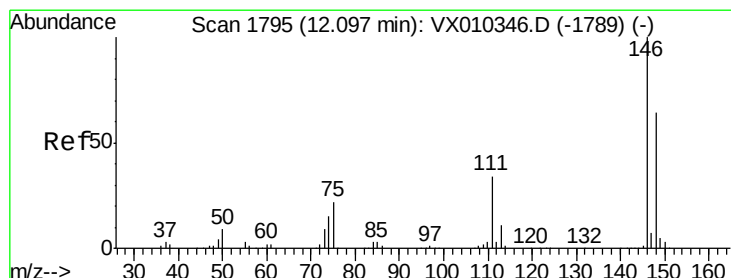
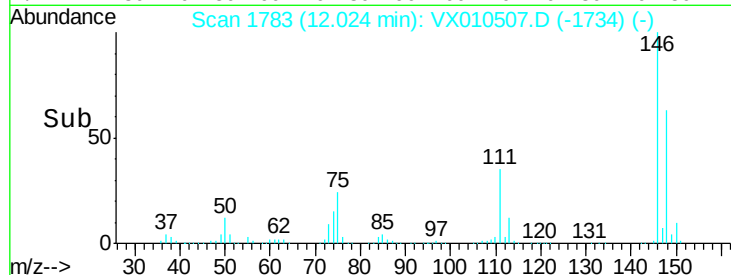
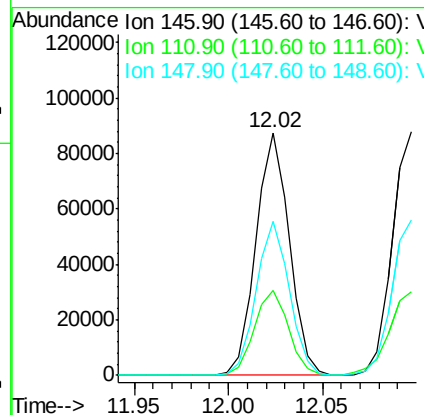
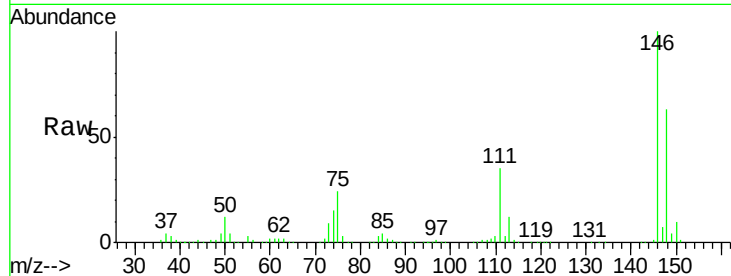
ClientSampleId :

VX0627WBSD02

Tot Ion:	146	Resp:	107251
Ion Ratio	Lower	Upper	
146	100		
111	35.9	19.1	57.1
148	62.9	32.5	97.4

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#88

1,4-Dichlorobenzene

Concen: 18.243 ug/l

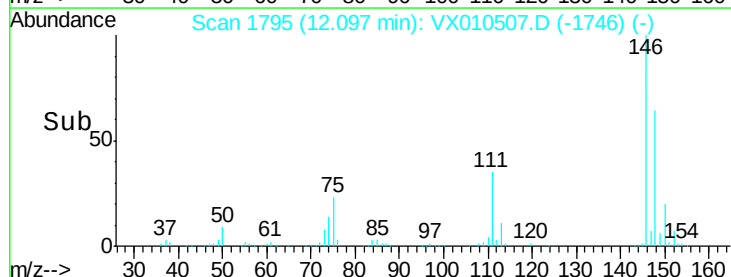
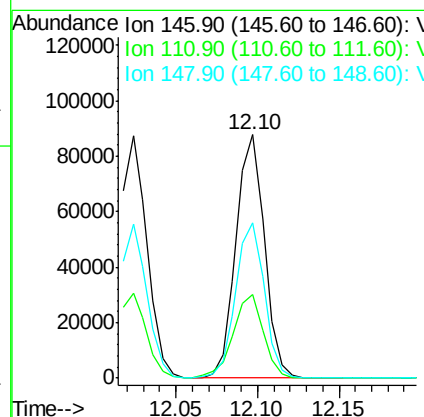
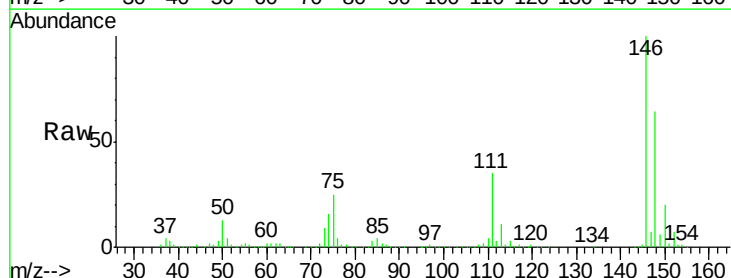
RT: 12.10 min Scan# 1795

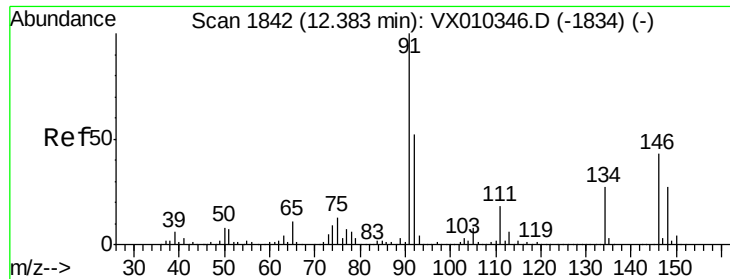
Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion:	146	Resp:	106465
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.1	54.3
148	64.7	32.1	96.3





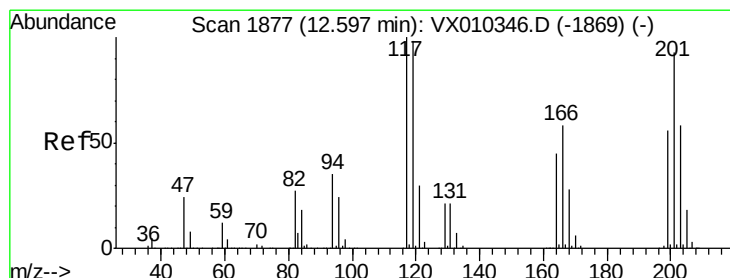
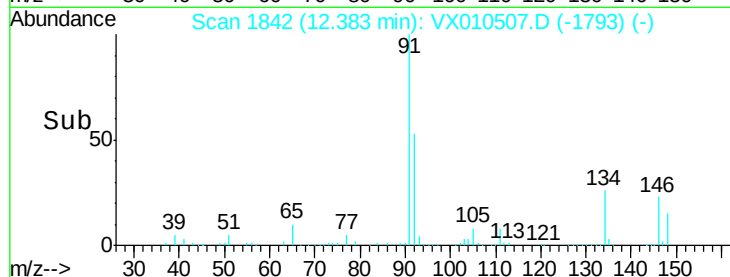
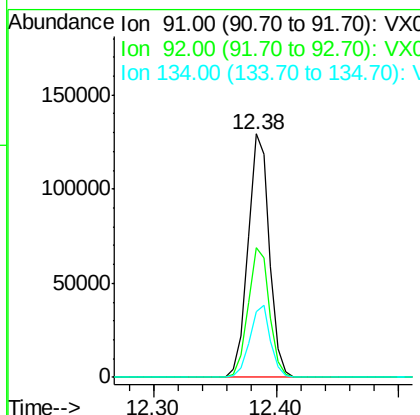
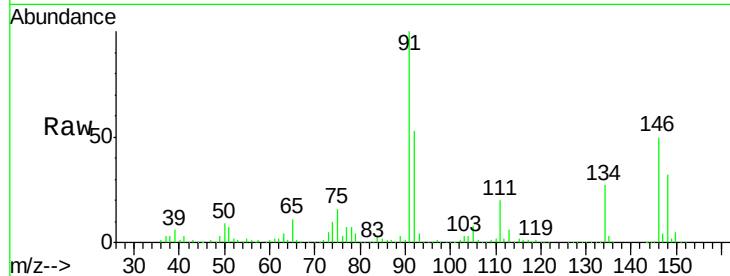
#89
n-Butylbenzene
Concen: 17.417 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.2	78.5
134	29.0	14.1	42.4

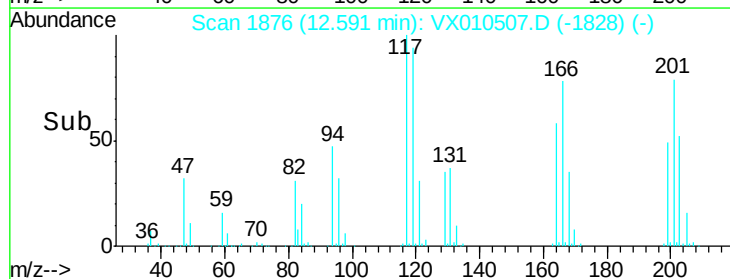
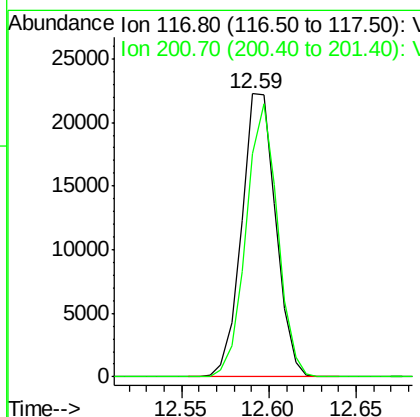
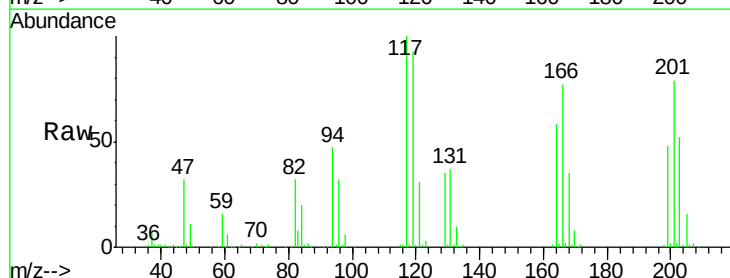
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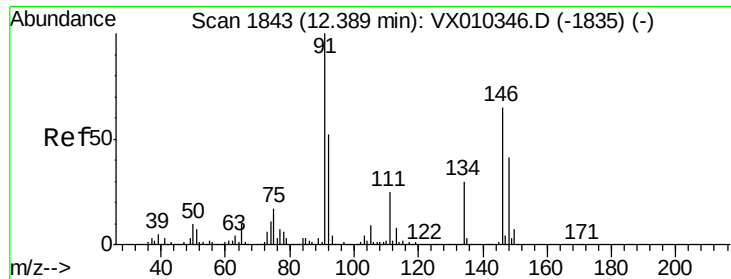
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#90
Hexachloroethane
Concen: 16.481 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	44.0	131.8





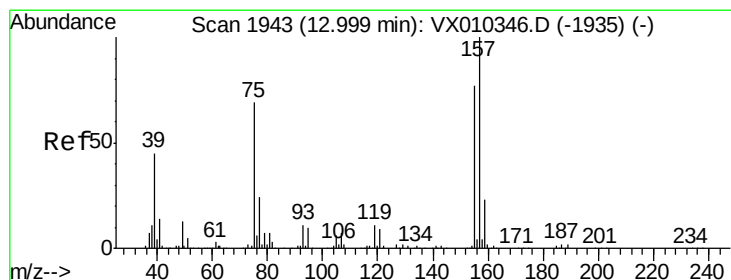
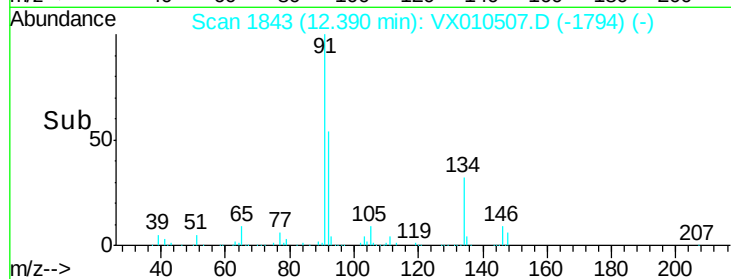
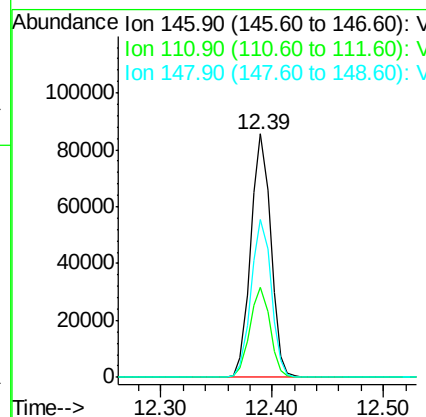
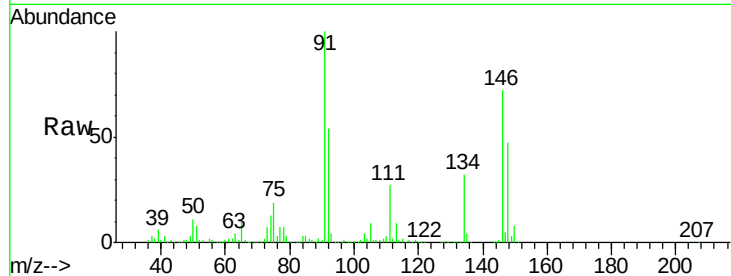
#91
 1,2-Dichlorobenzene
 Concen: 18.869 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.2	57.6
148	65.2	32.0	96.0

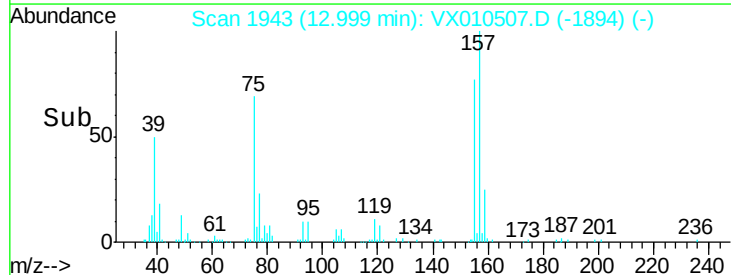
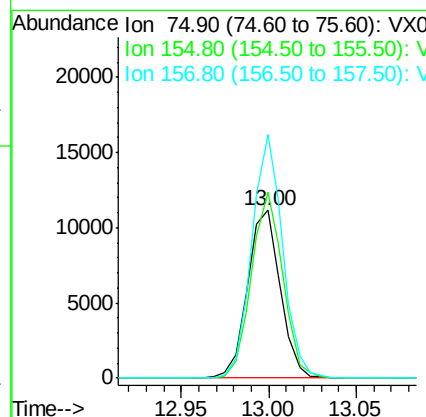
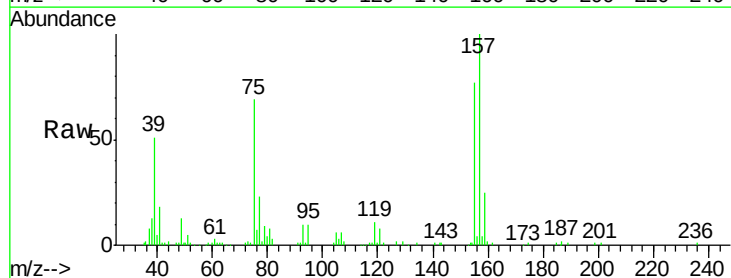
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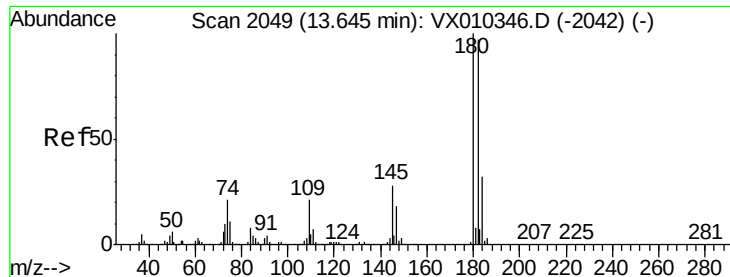
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 6/28/2019 10:36:40 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.251 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.5	54.4	163.1
157	136.3	69.5	208.3





#93

1,2,4-Trichlorobenzene

Concen: 18.496 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

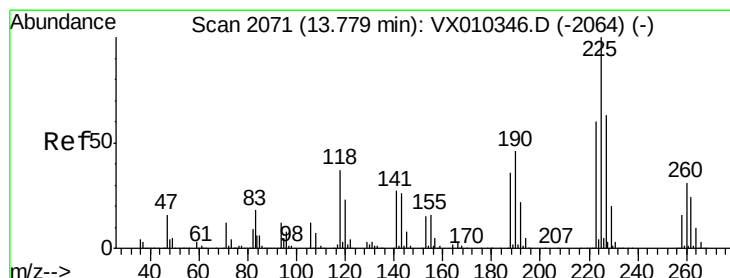
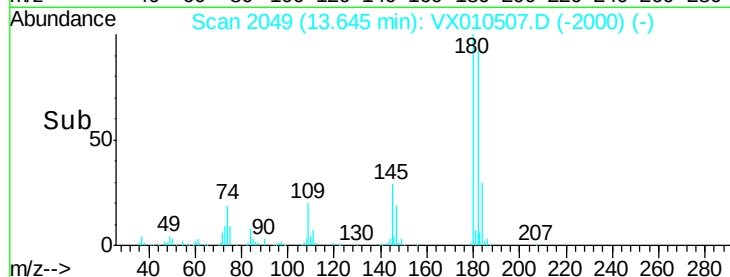
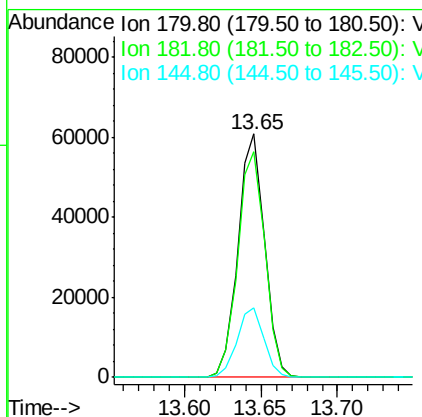
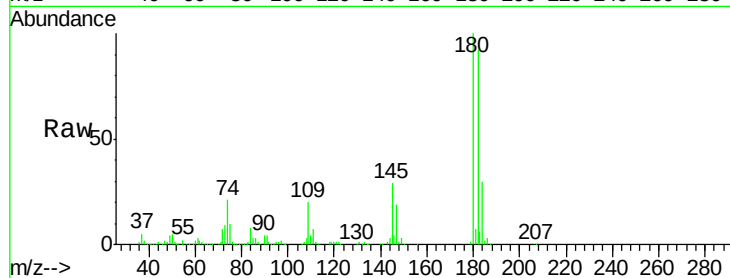
ClientSampleId :

VX0627WBSD02

Tot Ion:	180	Resp:	73077
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.0	144.0
145	28.9	14.4	43.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 18.391 ug/l

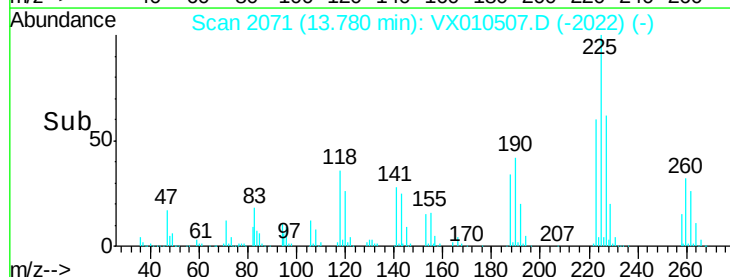
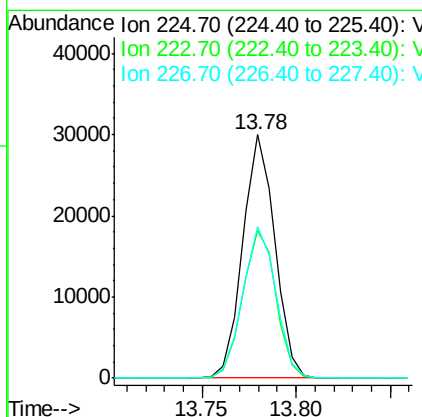
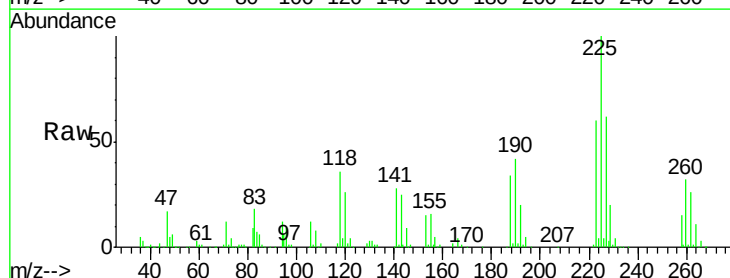
RT: 13.78 min Scan# 2071

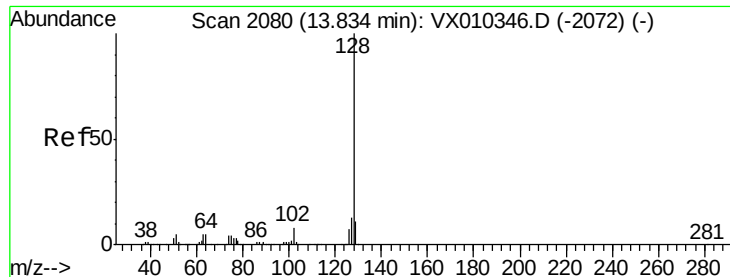
Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion:	225	Resp:	35513
Ion Ratio	Lower	Upper	
225	100		
223	62.7	30.9	92.7
227	64.0	31.9	95.5





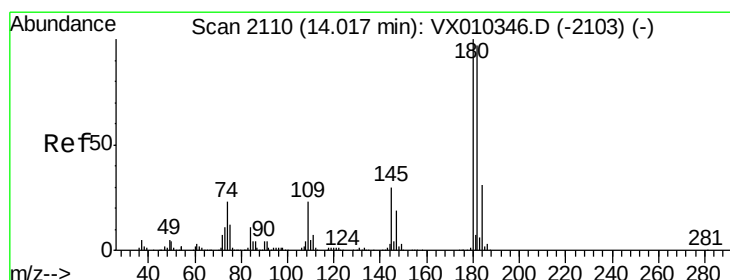
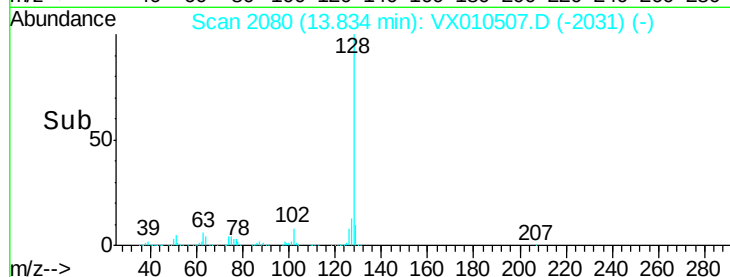
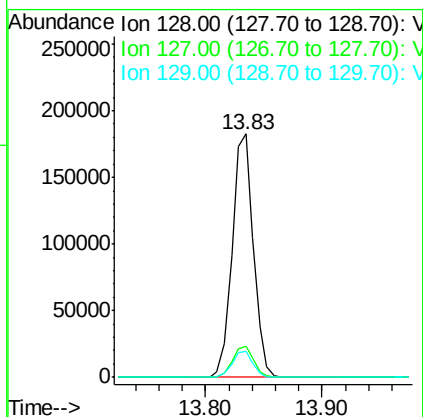
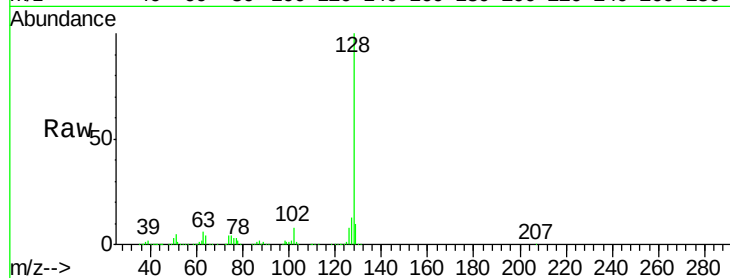
#95
Naphthalene
Concen: 19.060 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
6/28/2019 10:36:40 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.753 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.3
145	31.1	15.2	45.6

