

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010502.D
 Acq On : 27 Jun 2019 20:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:38:45 AM

Quant Time: Jun 28 07:54:15 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	5.66	168	258721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123294	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	5.49	113	119861	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	8.71	98	451338	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	160949	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	80388	44.692	ug/l	99
3) Chloromethane	1.32	50	90647	43.279	ug/l	98
4) Vinyl Chloride	1.41	62	102812	44.816	ug/l	100
5) Bromomethane	1.64	94	55140	49.336	ug/l	98
6) Chloroethane	1.71	64	65128	48.119	ug/l	98
7) Trichlorofluoromethane	1.92	101	183031	50.329	ug/l	99
8) Diethyl Ether	2.19	74	65925	50.550	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105706	47.964	ug/l	99
10) Methyl Iodide	2.51	142	155331	49.387	ug/l	98
11) Tert butyl alcohol	3.05	59	141303	222.614	ug/l	97
12) 1,1-Dichloroethene	2.37	96	104451	46.577	ug/l	98
13) Acrolein	2.29	56	74710	177.428	ug/l	99
14) Allyl chloride	2.73	41	155777	48.929	ug/l	99
15) Acrylonitrile	3.14	53	315863	251.339	ug/l	99
16) Acetone	2.45	43	265495	218.385	ug/l	100
17) Carbon Disulfide	2.57	76	249211	41.422	ug/l	100
18) Methyl Acetate	2.78	43	122956	50.745	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	354986	50.318	ug/l	98
20) Methylene Chloride	2.85	84	120342	48.101	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	114413	47.437	ug/l	97
22) Diisopropyl ether	3.86	45	333483	50.099	ug/l	88
23) Vinyl Acetate	3.82	43	1472136	256.001	ug/l	100
24) 1,1-Dichloroethane	3.70	63	191672	49.815	ug/l	100
25) 2-Butanone	4.67	43	434397	243.590	ug/l	98
26) 2,2-Dichloropropane	4.59	77	146851	43.935	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	138730	49.776	ug/l	98
28) Bromochloromethane	5.01	49	88166	47.925	ug/l	100
29) Tetrahydrofuran	5.13	42	279413	252.955	ug/l	100
30) Chloroform	5.21	83	206611	49.907	ug/l	99
31) Cyclohexane	5.58	56	165456	47.221	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	181066	49.532	ug/l	99
36) 1,1-Dichloropropene	5.80	75	145821	47.855	ug/l	100
37) Ethyl Acetate	4.84	43	163813	52.256	ug/l	99
38) Carbon Tetrachloride	5.79	117	162572	49.269	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	186415	46.541	ug/l	99
40) Benzene	6.14	78	469958	49.504	ug/l	100
41) Methacrylonitrile	5.04	41	86405	50.235	ug/l	98
42) 1,2-Dichloroethane	6.20	62	151331	52.368	ug/l	98
43) Isopropyl Acetate	6.45	43	267496	51.576	ug/l	99
44) Trichloroethene	7.21	130	139617	49.150	ug/l	98
45) 1,2-Dichloropropane	7.51	63	119076	49.670	ug/l	94
46) Dibromomethane	7.66	93	87228	50.713	ug/l	99
47) Bromodichloromethane	7.90	83	160481	50.911	ug/l	100
48) Methyl methacrylate	7.77	41	124088	51.473	ug/l	99
49) 1,4-Dioxane	7.74	88	69664	1003.121	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	851700	256.763	ug/l	99
52) Toluene	8.79	92	306701	49.059	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	174186	49.288	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	191319	49.816	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	131642	51.057	ug/l	99
56) Ethyl methacrylate	9.18	69	197377	50.534	ug/l	98
57) 1,3-Dichloropropane	9.37	76	204380	51.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	437138	235.655	ug/l	99
59) 2-Hexanone	9.49	43	649479	248.781	ug/l	99
60) Dibromochloromethane	9.58	129	146914	50.890	ug/l	100
61) 1,2-Dibromoethane	9.67	107	142022	51.032	ug/l	100
64) Tetrachloroethene	9.34	164	136463	48.520	ug/l	99
65) Chlorobenzene	10.13	112	348903	49.423	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	131548	51.157	ug/l	98
67) Ethyl Benzene	10.25	91	596298	50.033	ug/l	100
68) m/p-Xylenes	10.36	106	458678	99.326	ug/l	100
69) o-Xylene	10.69	106	223652	49.248	ug/l	99
70) Styrene	10.71	104	386238	50.714	ug/l	99
71) Bromoform	10.85	173	112213	50.181	ug/l	98
73) Isopropylbenzene	11.02	105	598439	49.535	ug/l	99
74) N-amyl acetate	10.90	43	234164	51.287	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	199535	49.871	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	161589m	49.755	ug/l	
77) Bromobenzene	11.26	156	164203	48.675	ug/l	99
78) n-propylbenzene	11.36	91	655149	49.342	ug/l	100
79) 2-Chlorotoluene	11.42	91	386793	48.920	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	491777	49.377	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62420	44.838	ug/l	97
82) 4-Chlorotoluene	11.51	91	442178	49.148	ug/l	98
83) tert-Butylbenzene	11.77	119	494524	49.471	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	504060	50.375	ug/l	99
85) sec-Butylbenzene	11.94	105	586231	49.947	ug/l	99
86) p-Isopropyltoluene	12.06	119	537709	49.530	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	285793	48.534	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	285969	47.703	ug/l	100
89) n-Butylbenzene	12.38	91	453674	49.178	ug/l	100
90) Hexachloroethane	12.60	117	93174	49.635	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	282107	48.203	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41355	47.940	ug/l	97

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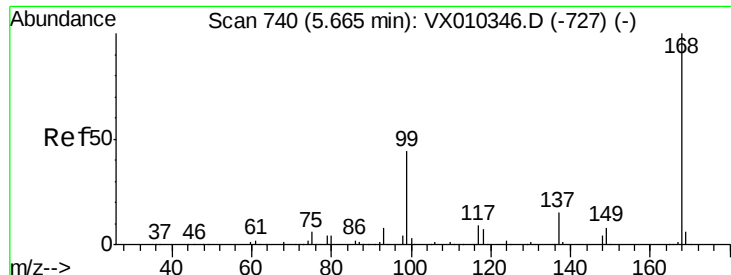
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	199577	49.174	ug/l	99
94) Hexachlorobutadiene	13.78	225	96396	48.597	ug/l	98
95) Naphthalene	13.83	128	629968	50.509	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	199722	49.494	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 258721

Ion Ratio Lower Upper

168 100

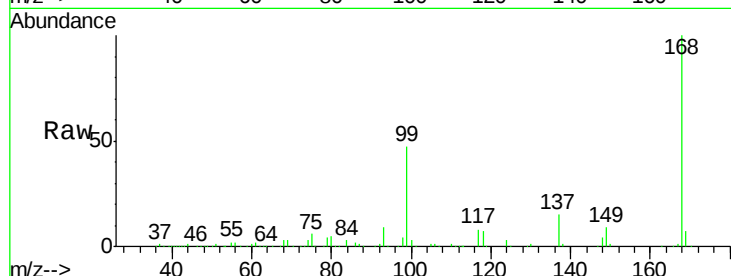
99 46.7 35.5 53.3

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

5.66

100000

80000

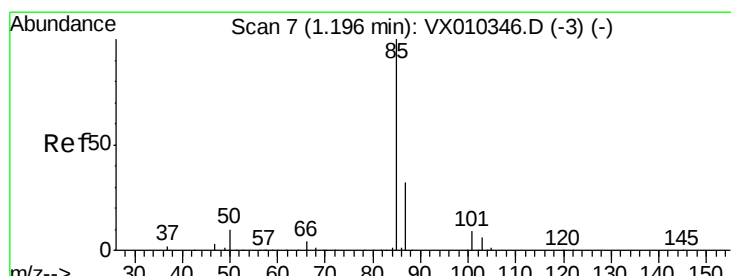
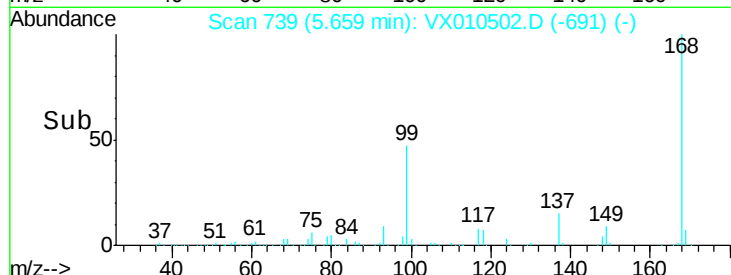
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.692 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010502.D

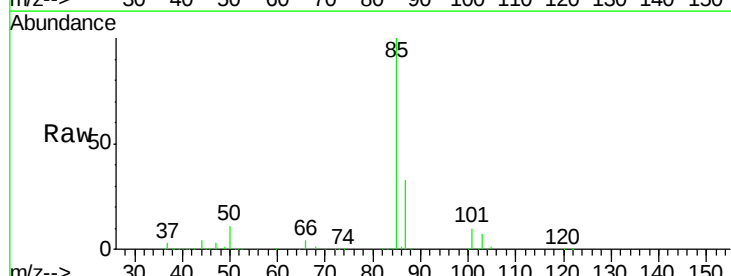
Acq: 27 Jun 2019 20:23

Tgt Ion: 85 Resp: 80388

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

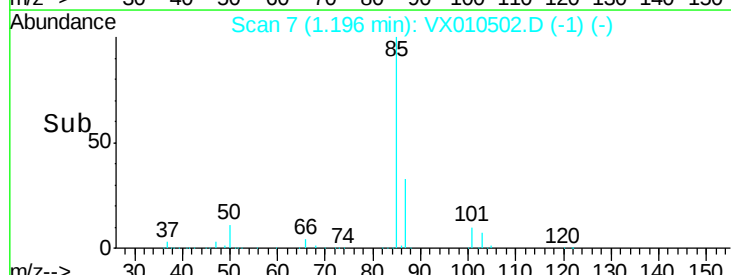
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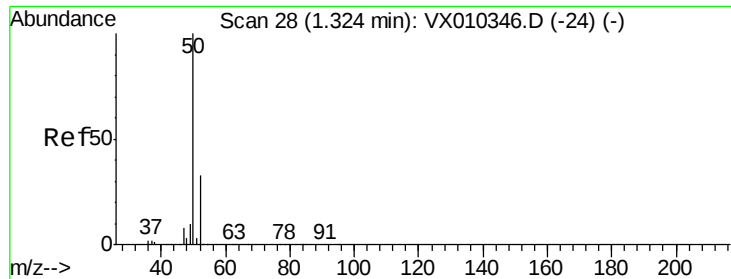
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20000

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Time-->





#3

Chloromethane

Concen: 43.279 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 90647

Ion Ratio Lower Upper

50 100

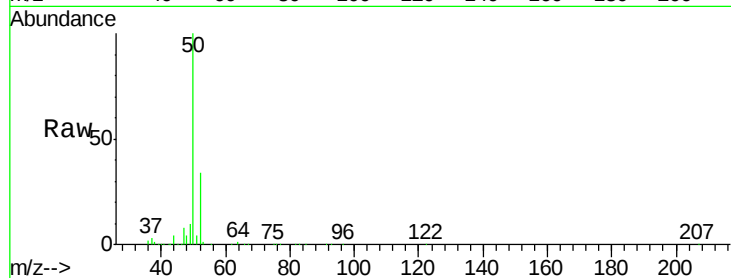
52 34.3 26.5 39.7

Manual Integrations

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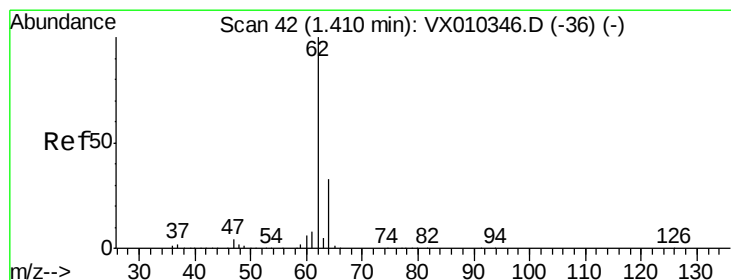
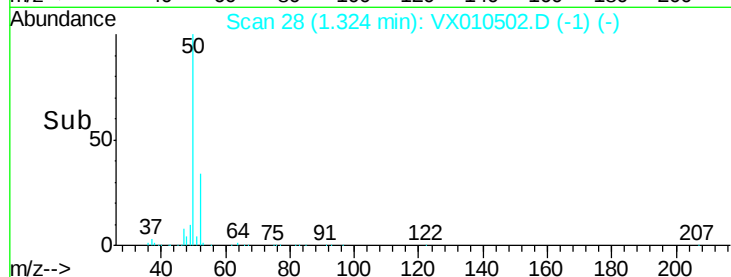
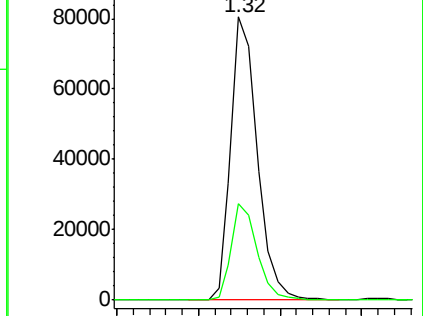
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.816 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010502.D

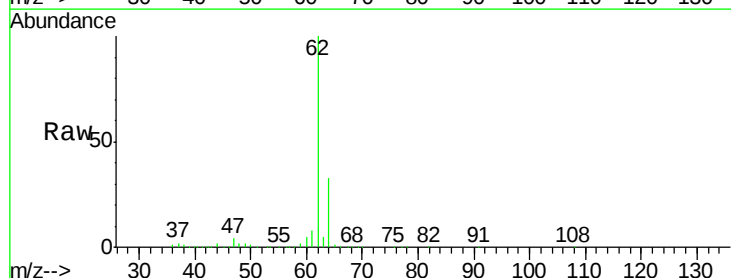
Acq: 27 Jun 2019 20:23

Tgt Ion: 62 Resp: 102812

Ion Ratio Lower Upper

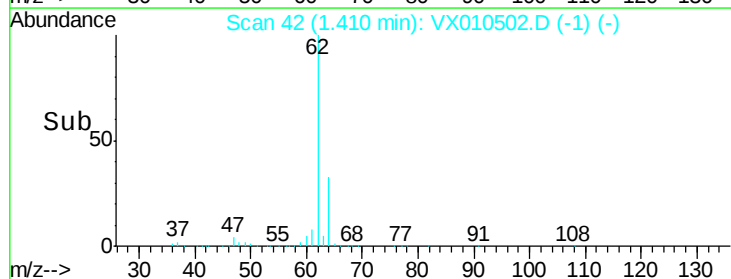
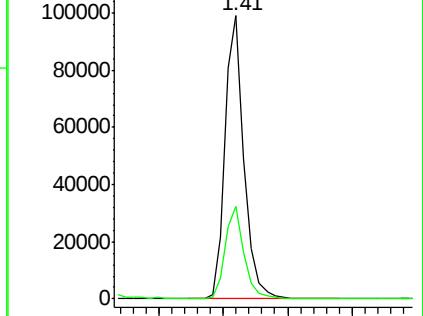
62 100

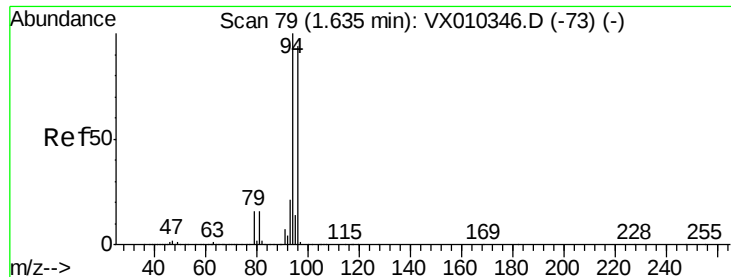
64 32.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.336 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 55140

Ion Ratio Lower Upper

94 100

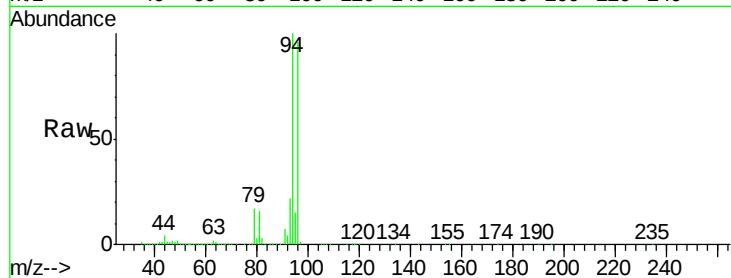
96 96.2 75.5 113.3

Manual Integrations

APPROVED

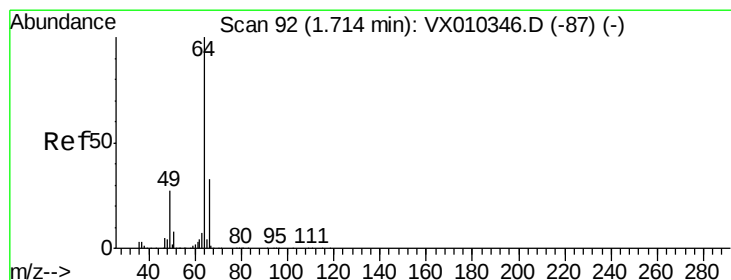
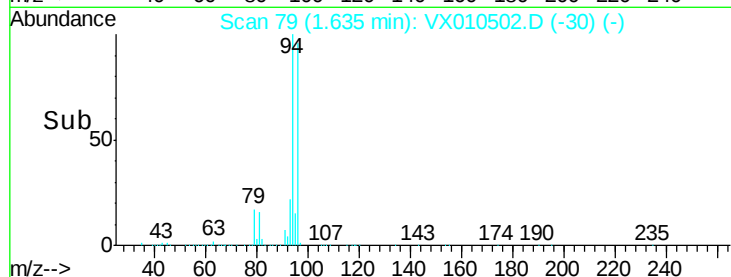
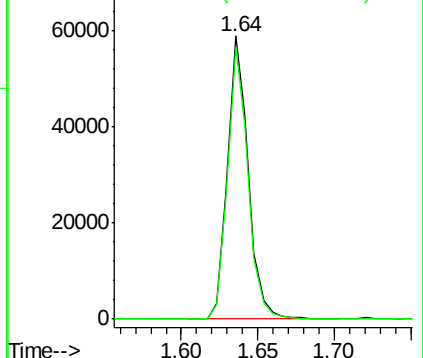
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.119 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010502.D

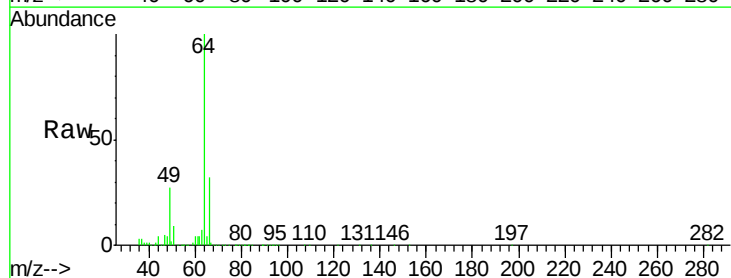
Acq: 27 Jun 2019 20:23

Tgt Ion: 64 Resp: 65128

Ion Ratio Lower Upper

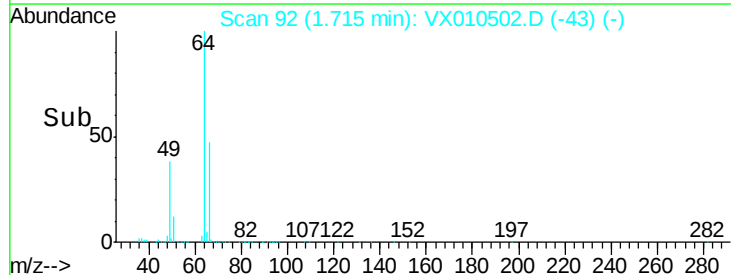
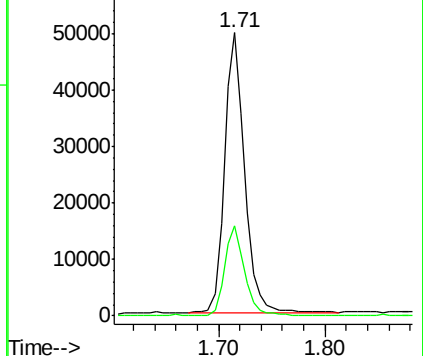
64 100

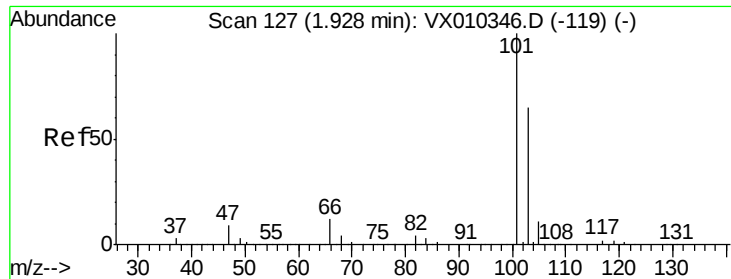
66 32.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

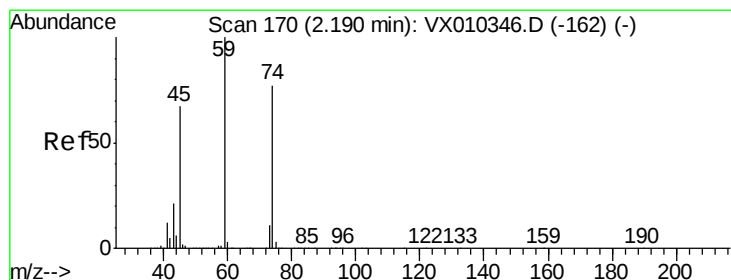
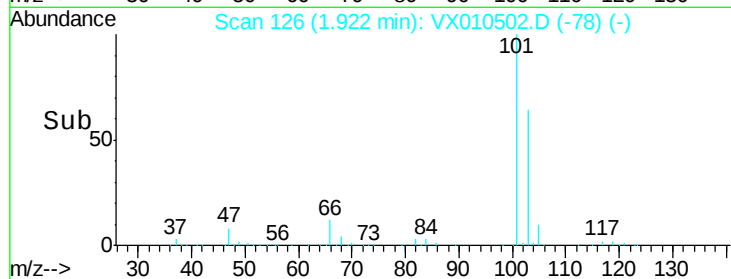
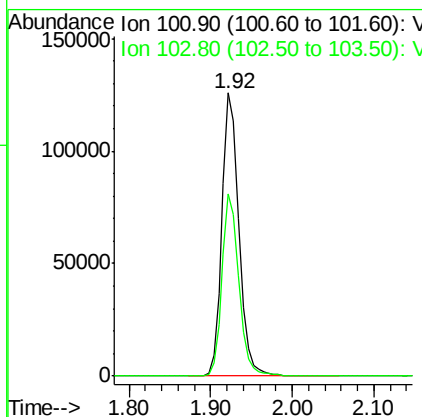
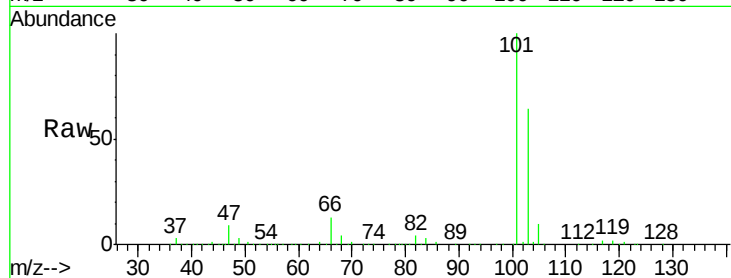
Trichlorofluoromethane
Concen: 50.329 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.3	78.5

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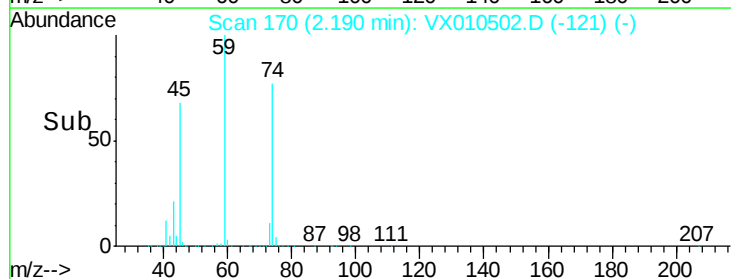
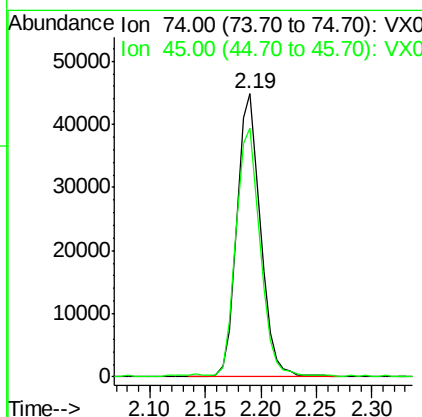
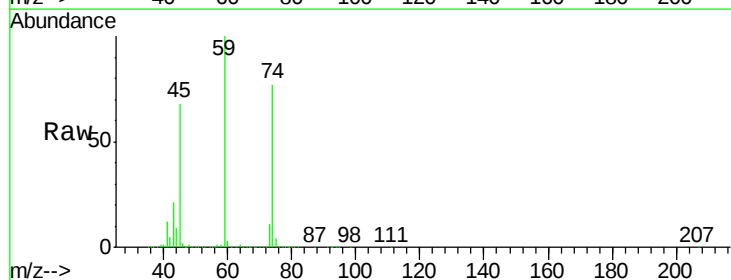
MMDadoda
6/28/2019 10:38:45 AM

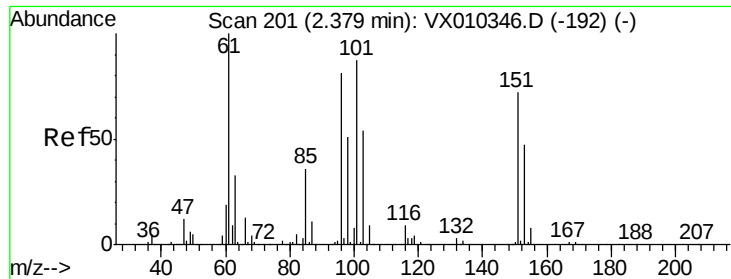


#8

Diethyl Ether
Concen: 50.550 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.8	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.964 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

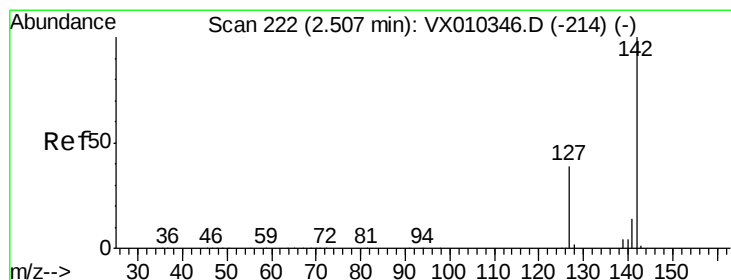
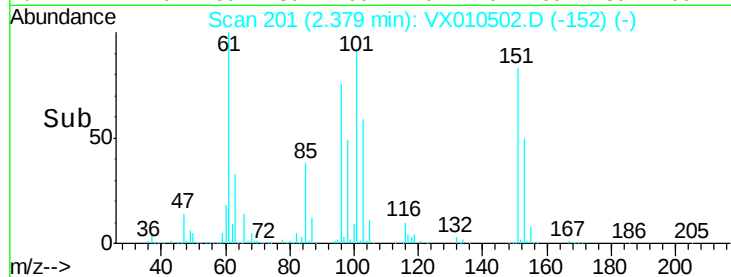
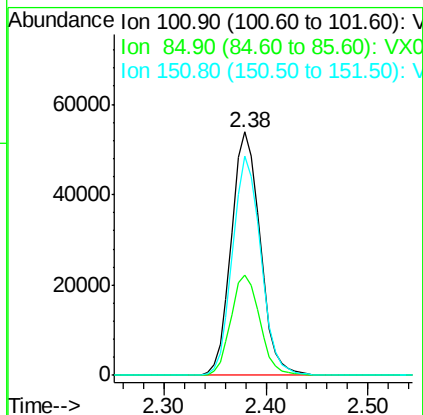
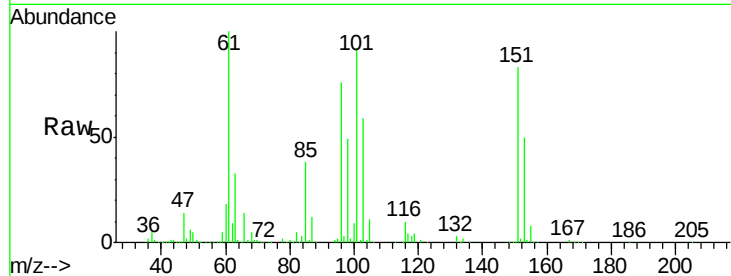
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	105706
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.7	50.5
151	88.5	70.1	105.1

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#10

Methyl Iodide

Concen: 49.387 ug/l

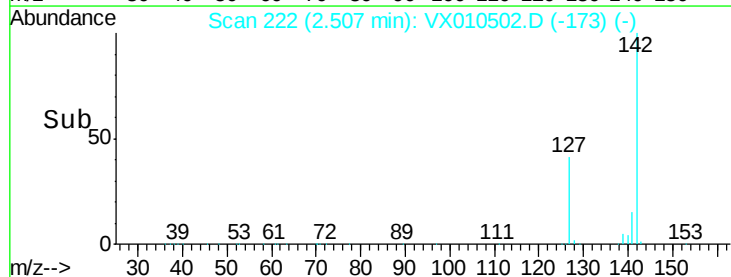
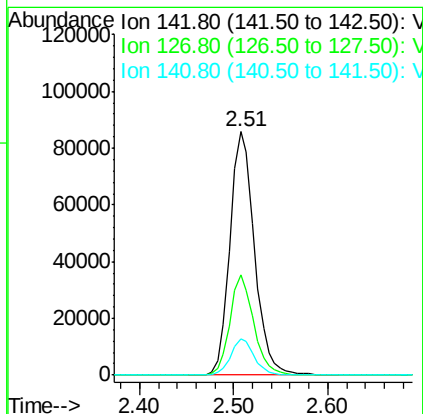
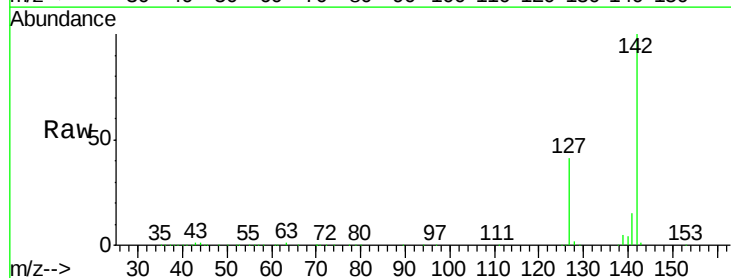
RT: 2.51 min Scan# 222

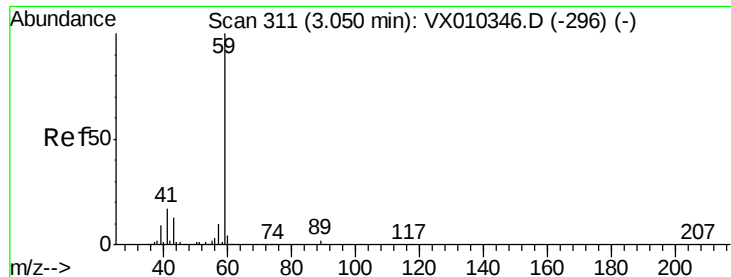
Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Tgt Ion:	142	Resp:	155331
Ion Ratio	Lower	Upper	
142	100		
127	40.2	31.1	46.7
141	14.3	11.2	16.8





#11

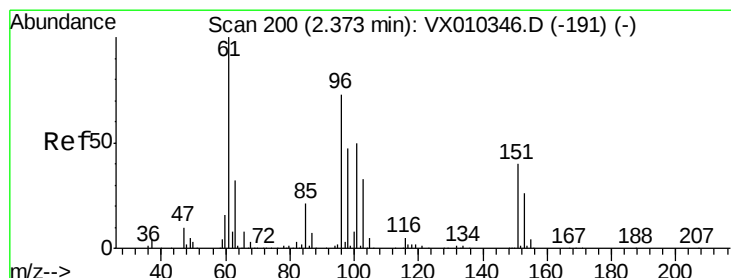
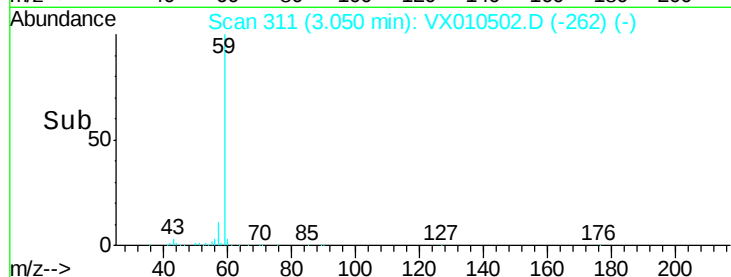
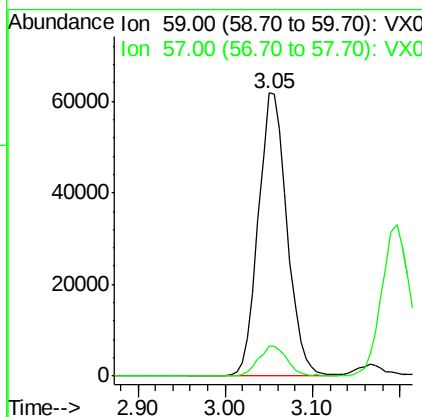
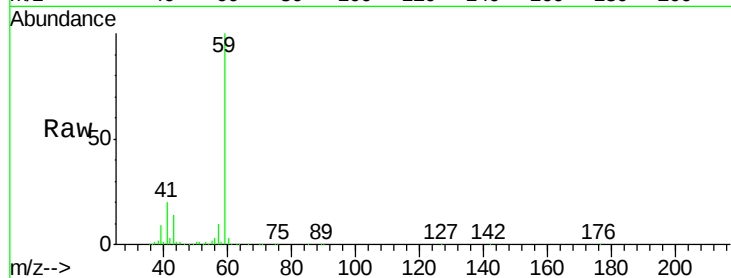
Tert butyl alcohol
Concen: 222.614 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	141303
Ion Ratio	100	Lower	Upper
57	10.7	7.7	11.5

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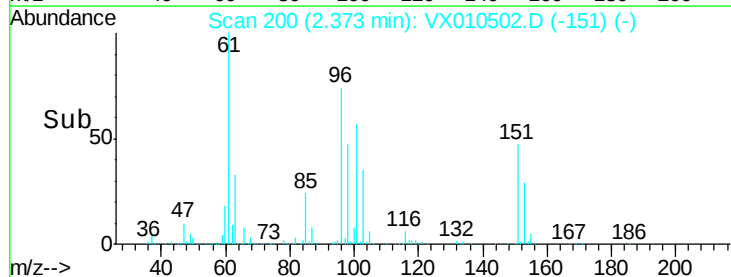
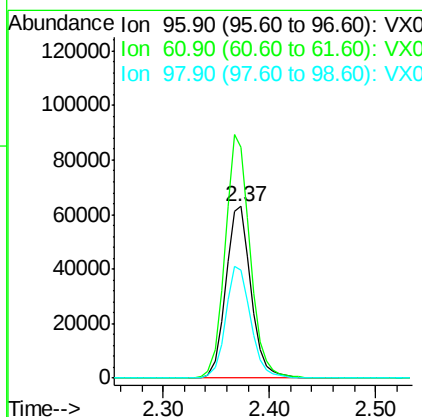
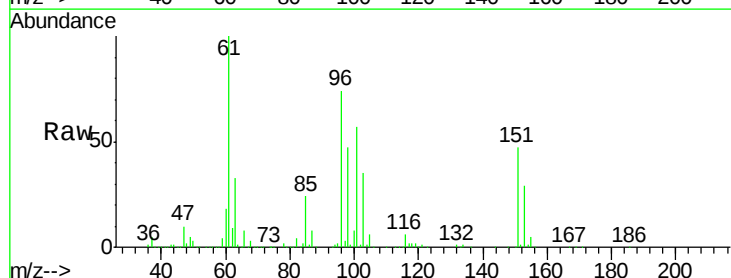
MMDadoda
6/28/2019 10:38:45 AM



#12

1,1-Dichloroethene
Concen: 46.577 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	96	Resp	104451
Ion Ratio	100	Lower	Upper
61	134.3	109.2	163.8
98	63.1	51.1	76.7





#13

Acrolein

Concen: 177.428 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 74710

Ion Ratio Lower Upper

56 100

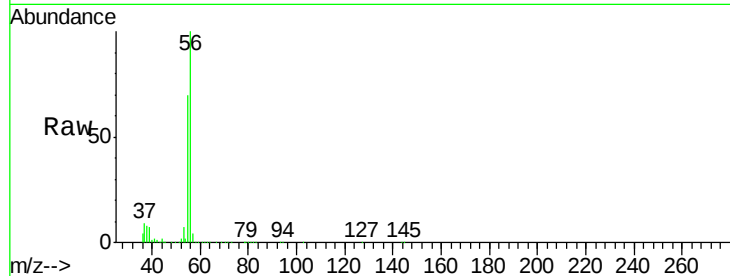
55 69.9 56.9 85.3

Manual Integrations

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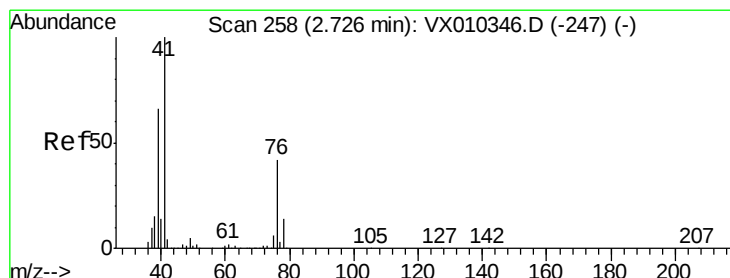
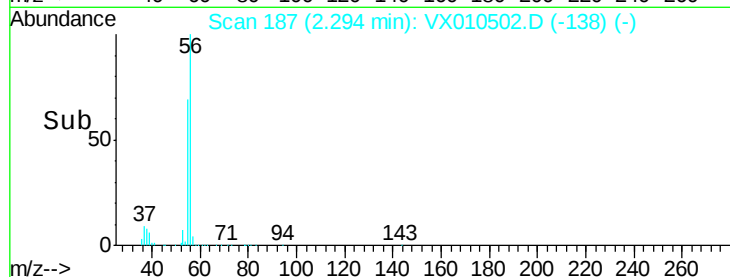
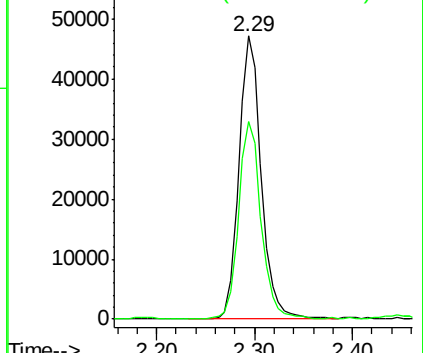
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.929 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

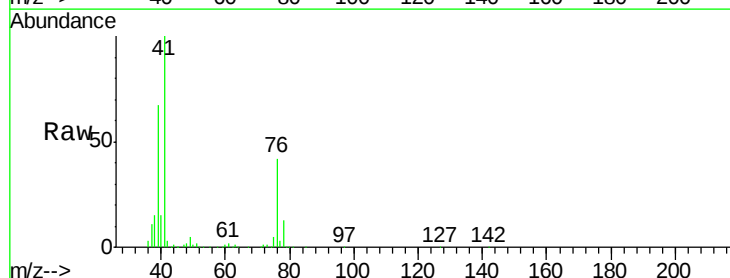
Tgt Ion: 41 Resp: 155777

Ion Ratio Lower Upper

41 100

39 63.2 50.3 75.5

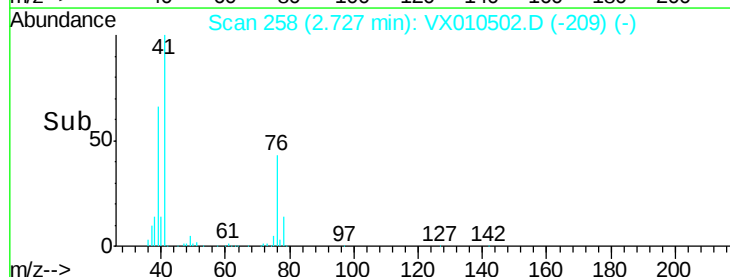
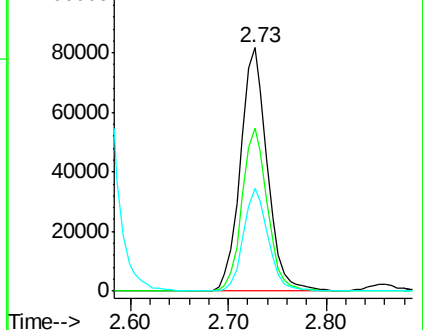
76 38.4 31.3 46.9

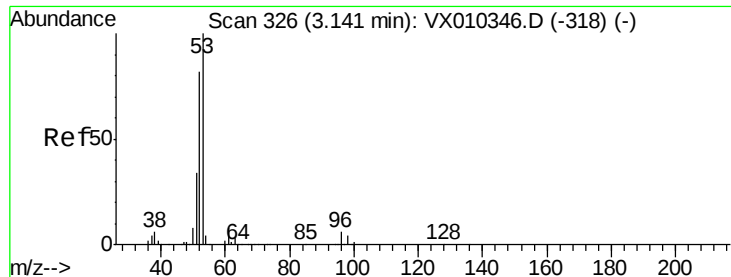


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 251.339 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

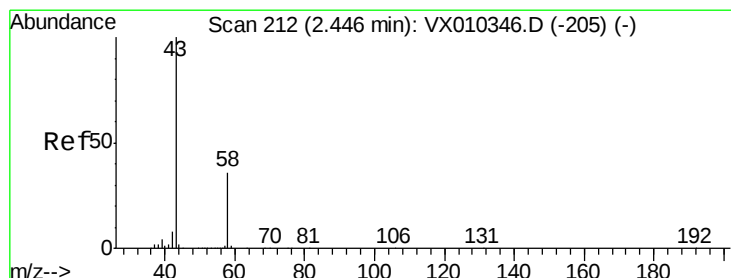
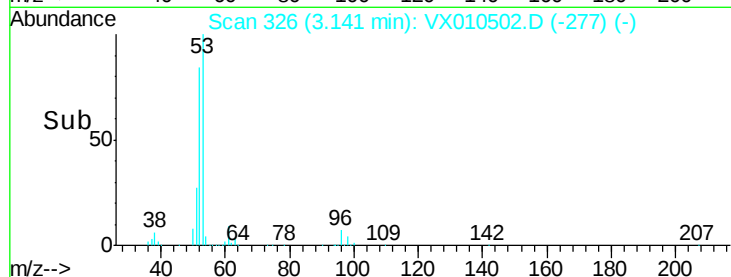
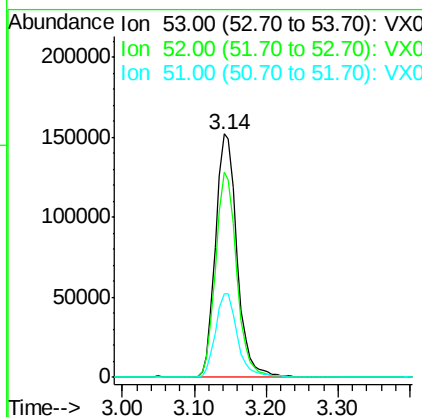
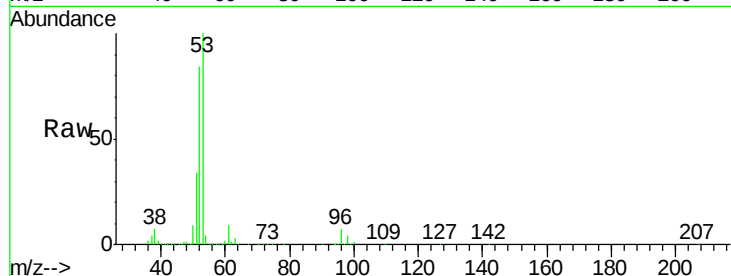
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	315863
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.5	98.3
51	35.0	28.2	42.4

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#16

Acetone

Concen: 218.385 ug/l

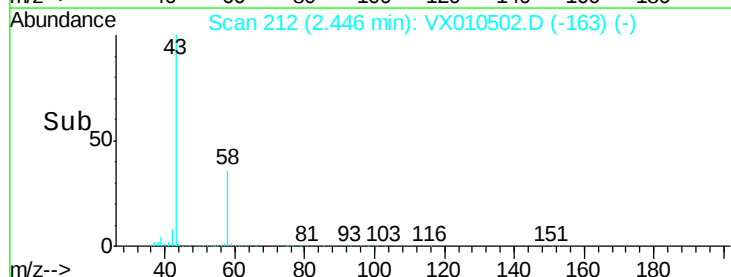
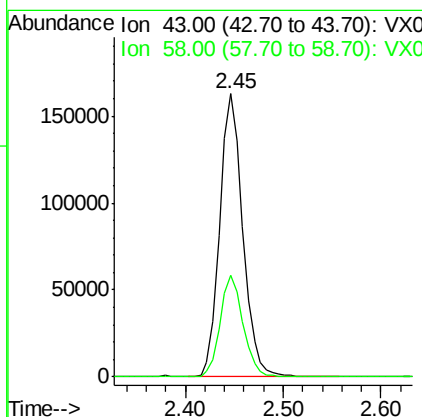
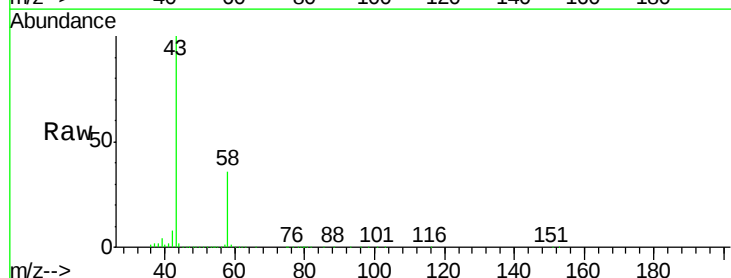
RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Tgt Ion:	43	Resp:	265495
Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.9	43.3





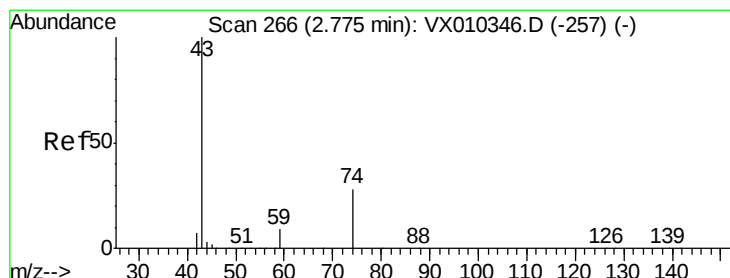
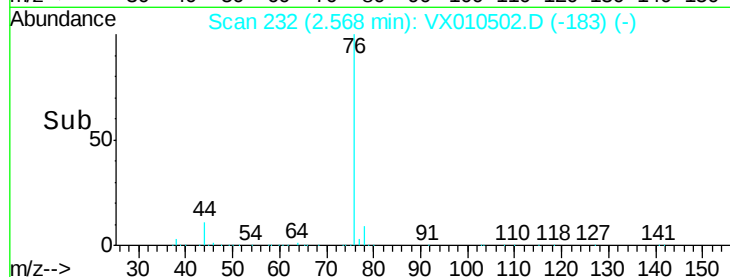
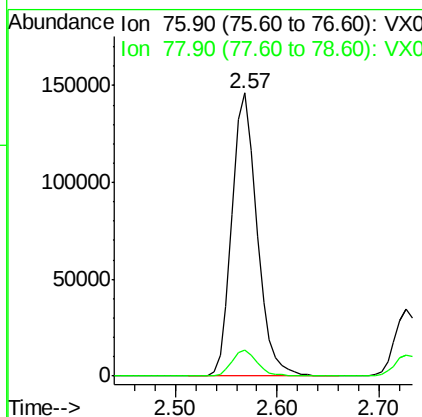
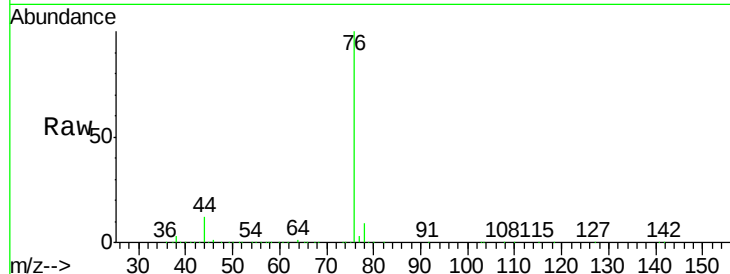
#17
Carbon Disulfide
Concen: 41.422 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

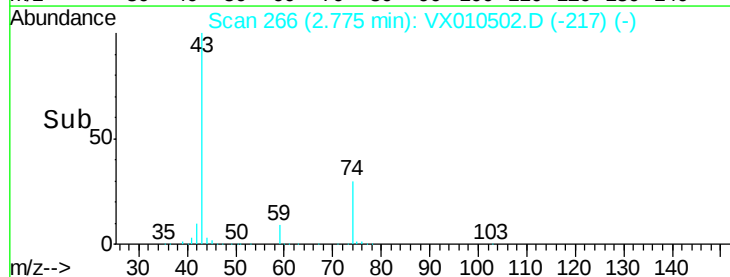
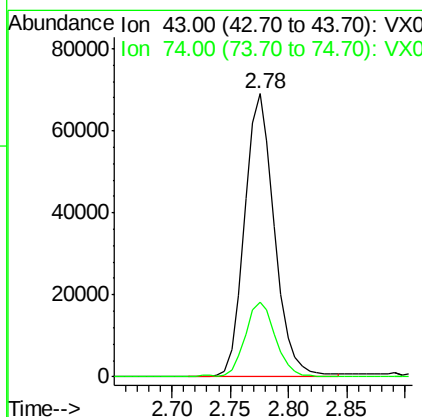
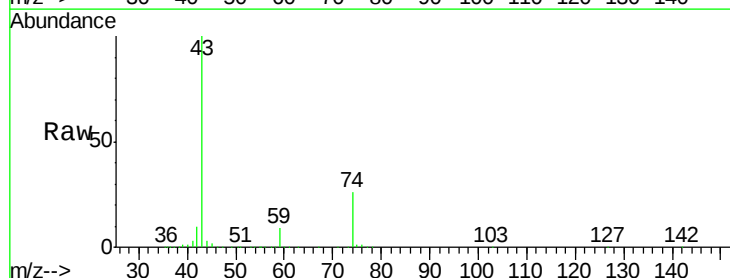
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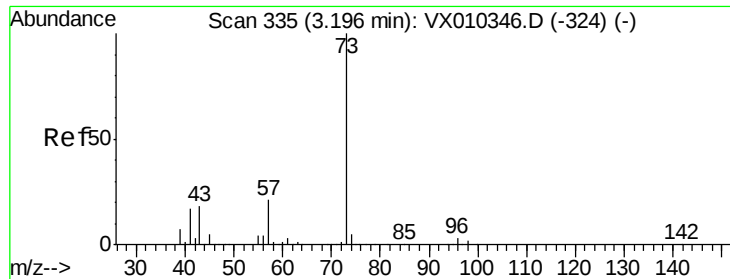
MMDadoda
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#18
Methyl Acetate
Concen: 50.745 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.4	21.3	31.9





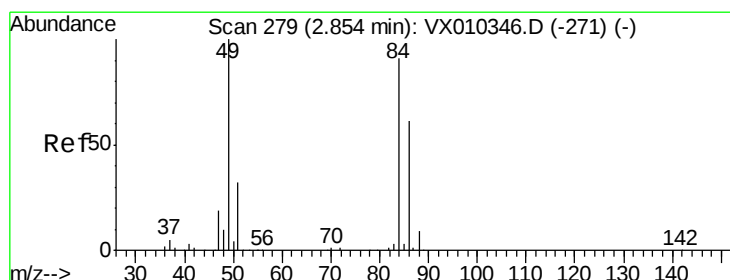
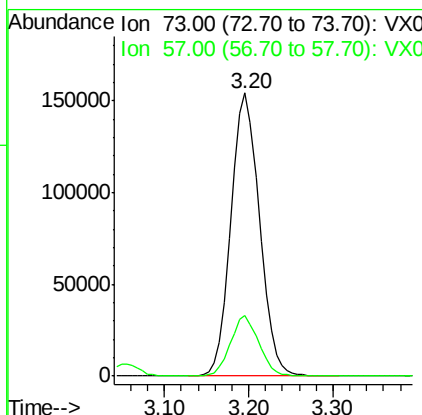
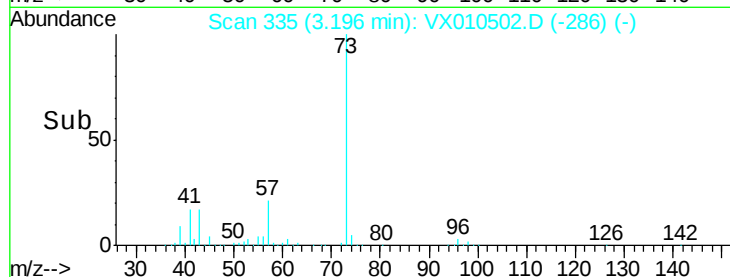
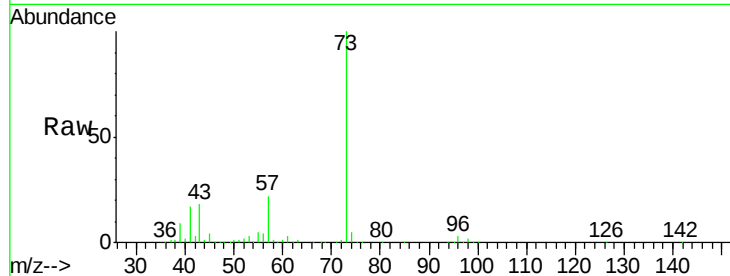
#19
Methvl tert-butvl Ether
Concen: 50.318 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.4	24.6

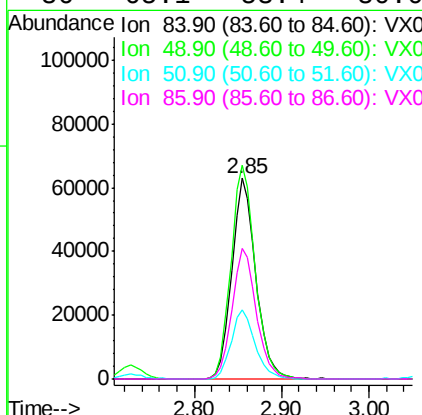
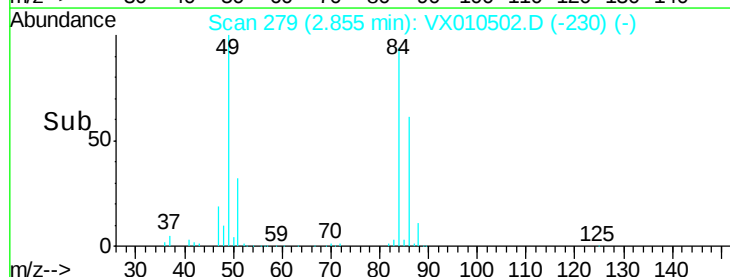
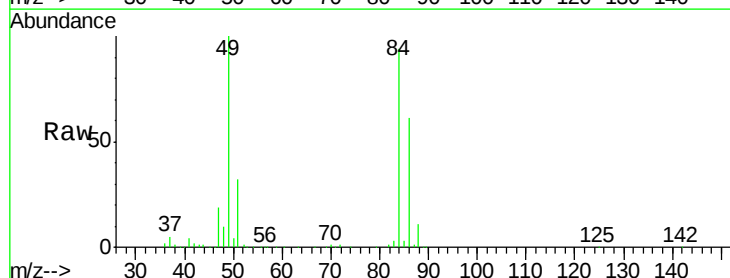
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#20
Methylene Chloride
Concen: 48.101 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.4	87.5	131.3
51	34.4	27.7	41.5
86	65.1	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 47.437 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 114413

Ion Ratio Lower Upper

96 100

61 115.7 95.6 143.4

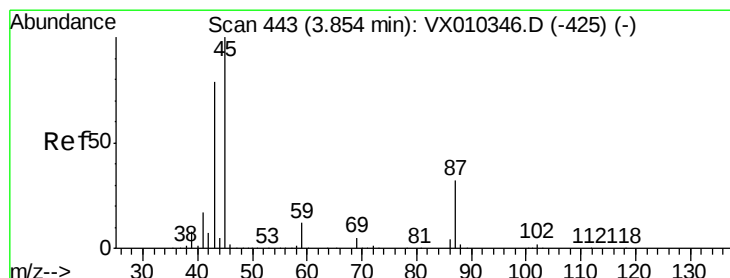
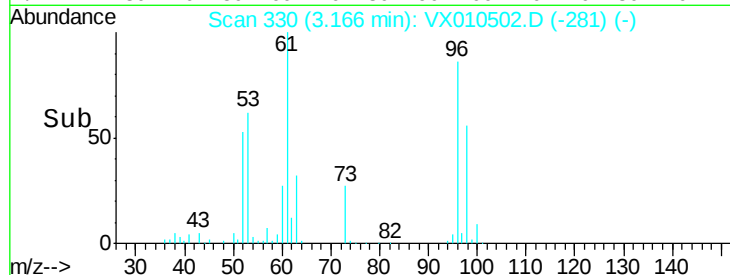
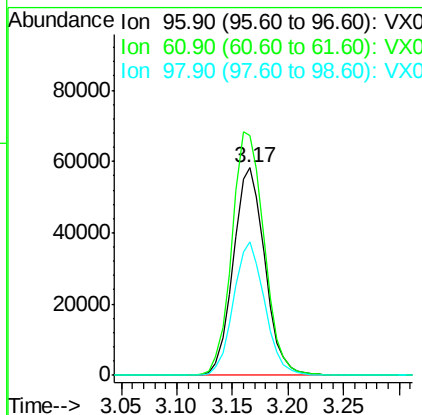
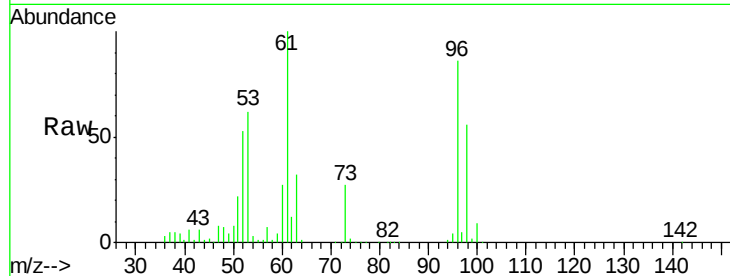
98 64.3 52.5 78.7

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#22

Diisopropyl ether

Concen: 50.099 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Tgt Ion: 45 Resp: 333483

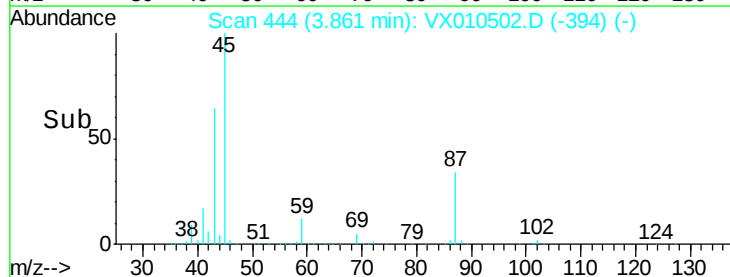
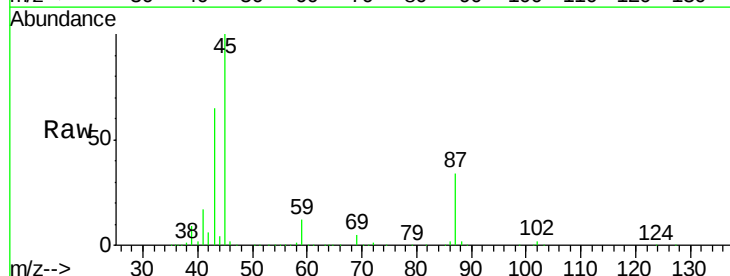
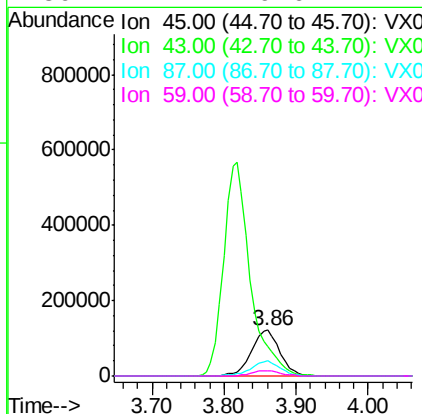
Ion Ratio Lower Upper

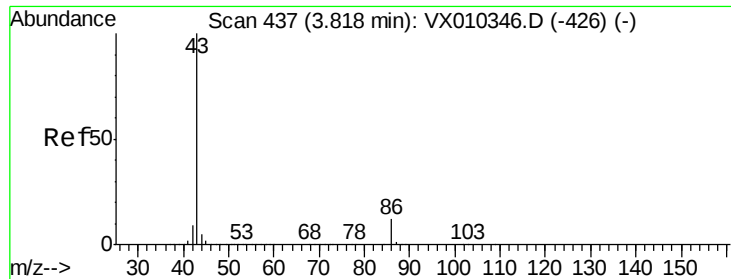
45 100

43 64.4 63.3 94.9

87 34.1 25.8 38.8

59 12.2 9.6 14.4





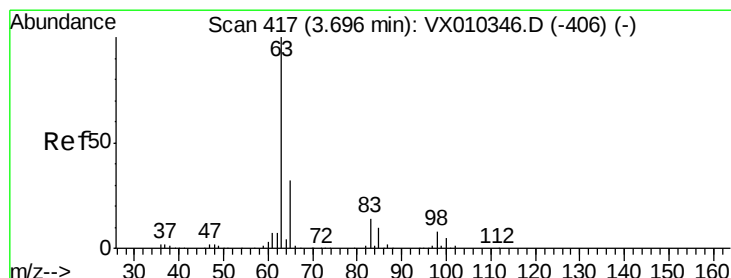
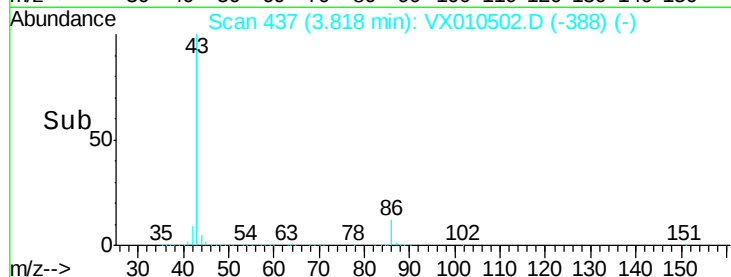
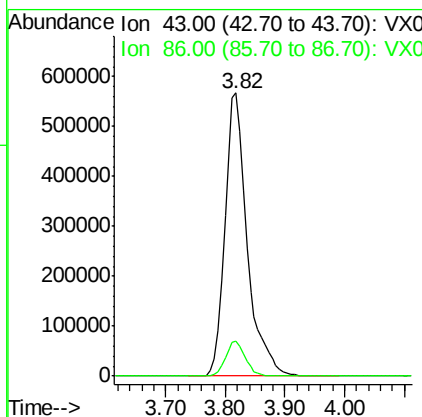
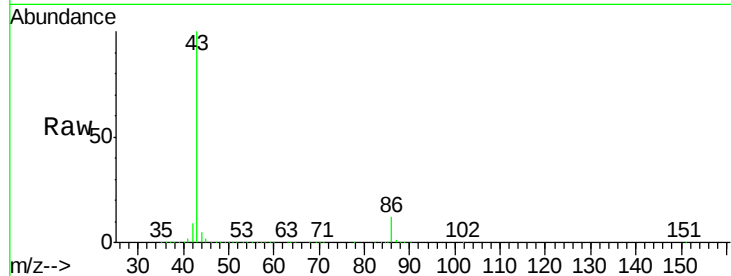
#23
 Vinyl Acetate
 Concen: 256.001 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1472136
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.9 14.9

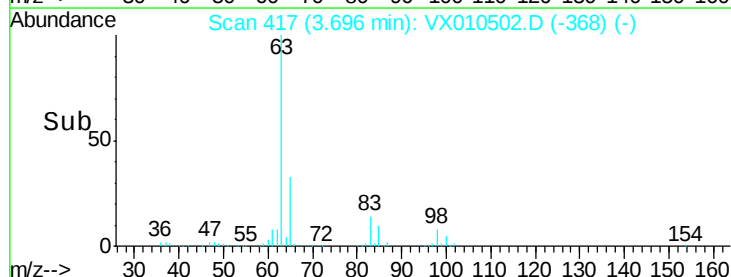
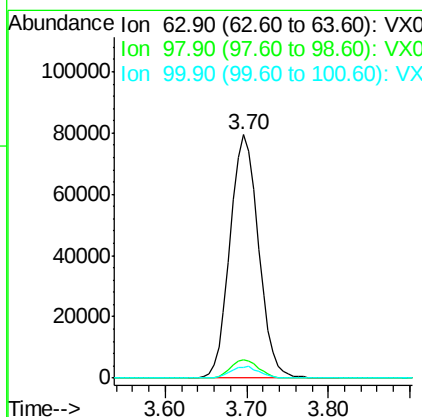
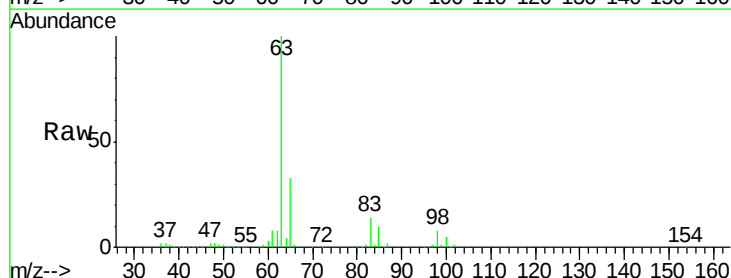
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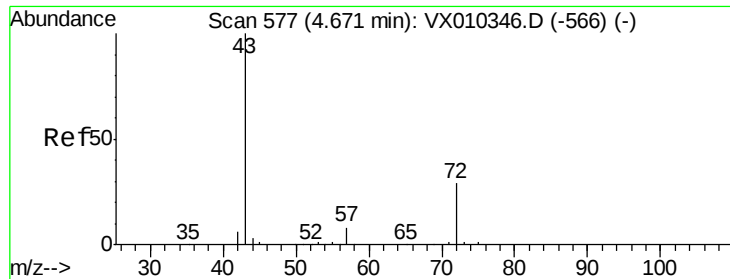
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 49.815 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Tgt Ion: 63 Resp: 191672
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 243.590 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 434397

Ion Ratio Lower Upper

43 100

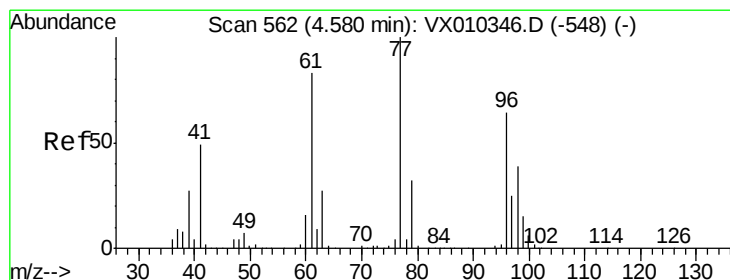
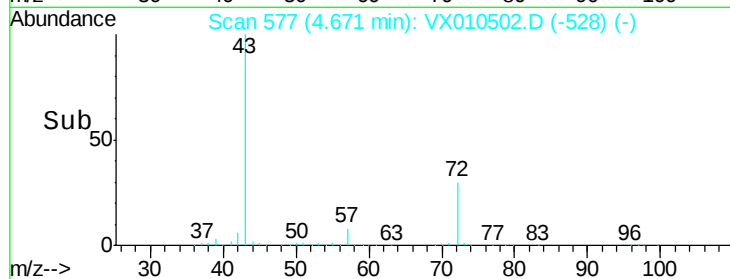
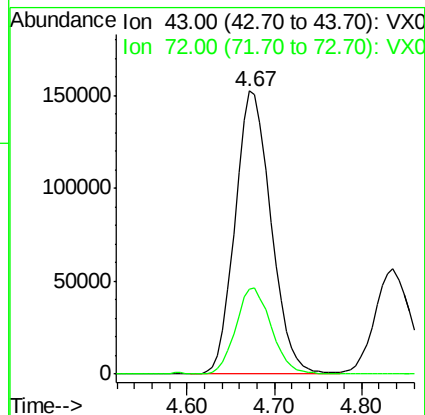
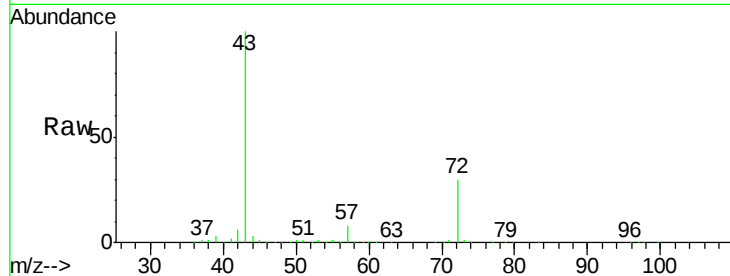
72 30.2 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.935 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010502.D

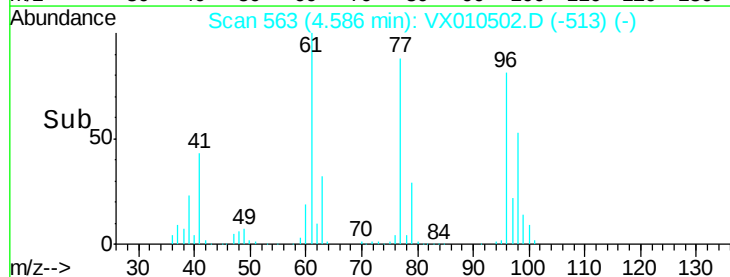
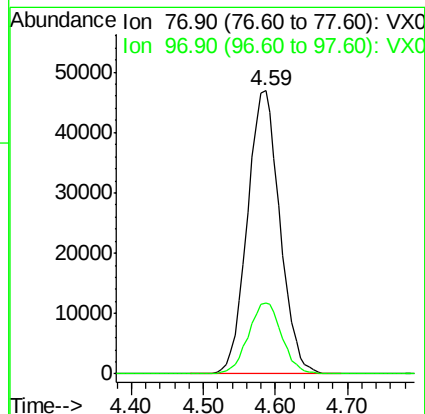
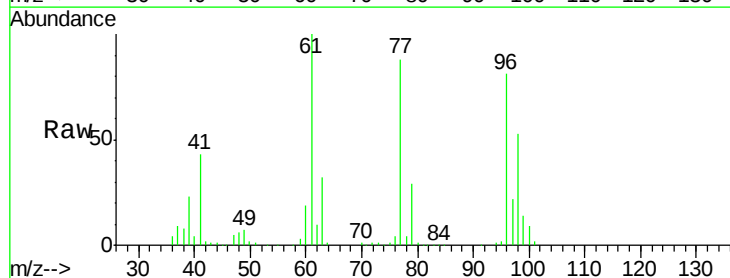
Acq: 27 Jun 2019 20:23

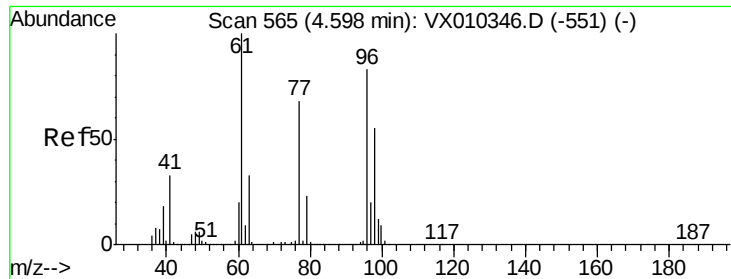
Tgt Ion: 77 Resp: 146851

Ion Ratio Lower Upper

77 100

97 25.8 13.1 39.3





#27

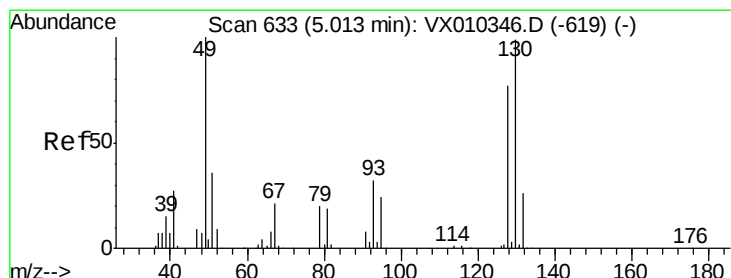
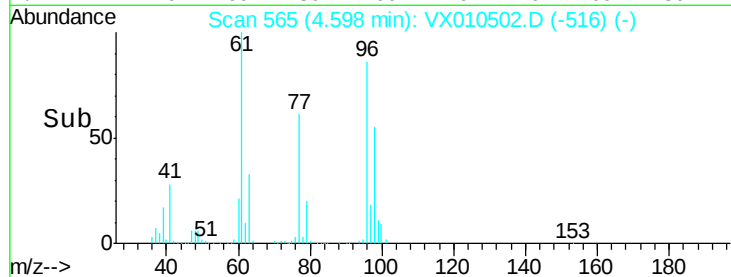
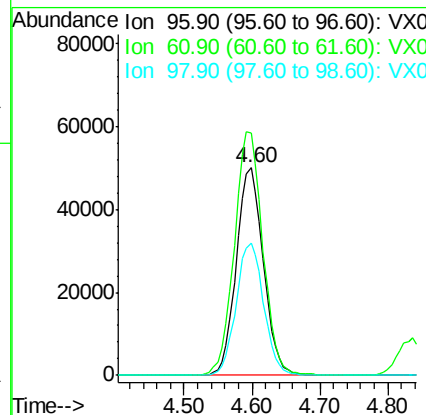
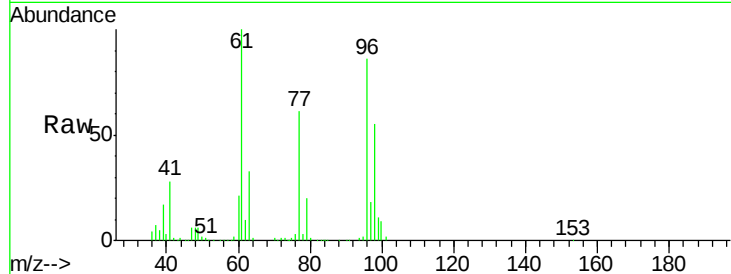
cis-1,2-Dichloroethene
Concen: 49.776 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	138730		
61	122.7	0.0	251.8	
98	64.7	0.0	129.4	

Manual Integrations
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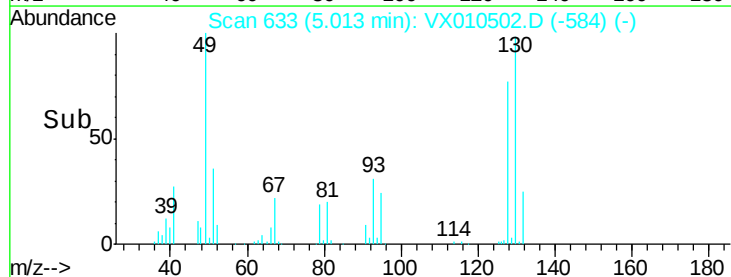
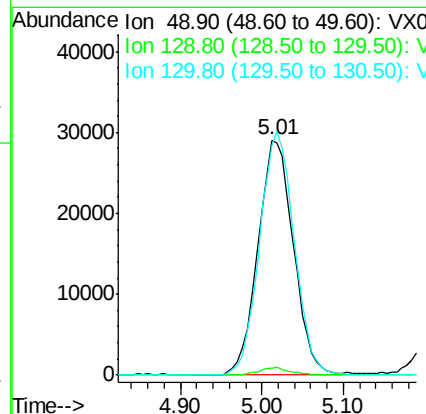
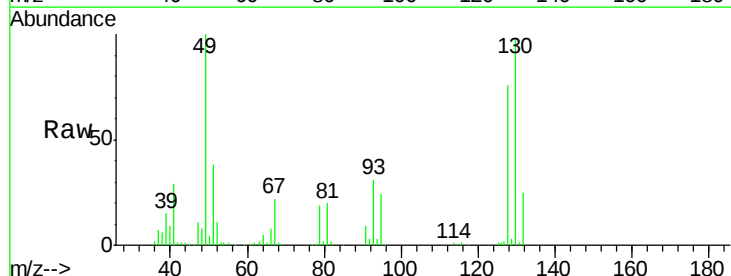
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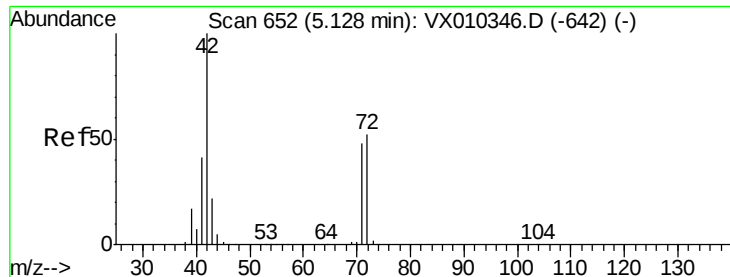


#28

Bromochloromethane
Concen: 47.925 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	88166		
129	3.0	0.0	5.6	
130	101.3	81.4	122.0	





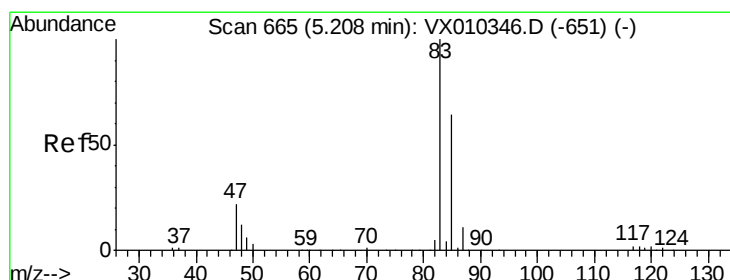
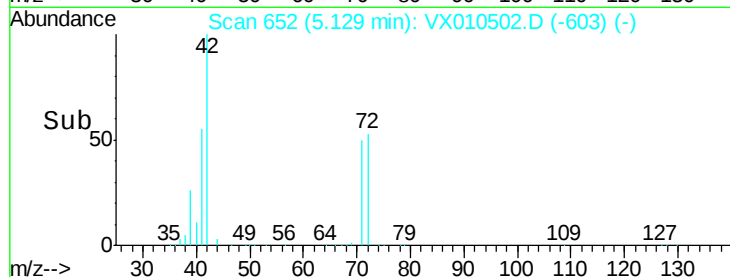
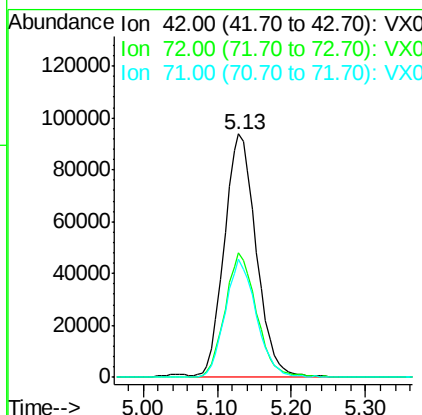
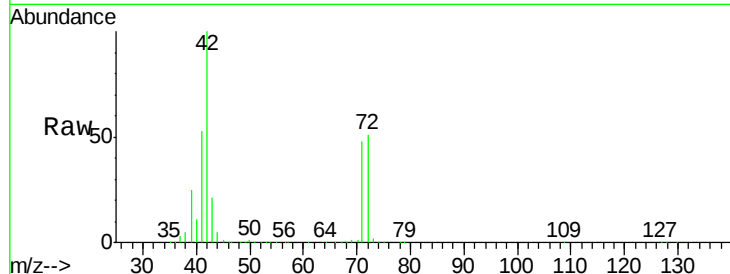
#29
Tetrahydrofuran
Concen: 252.955 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	40.6	60.8
71	47.3	37.8	56.8

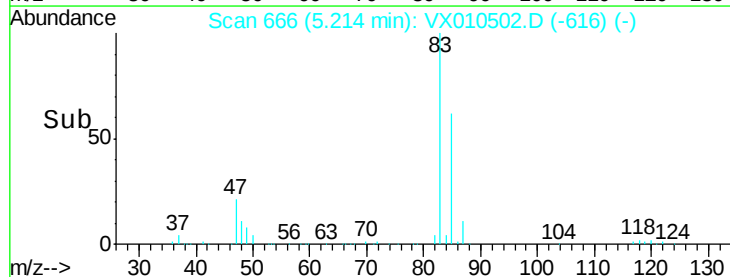
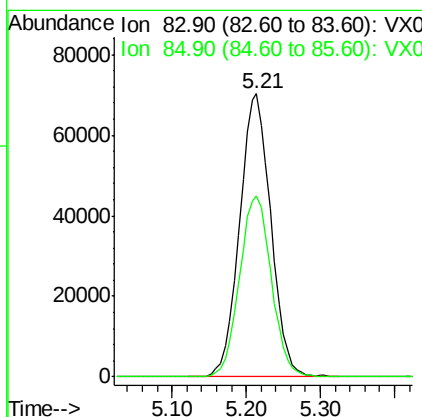
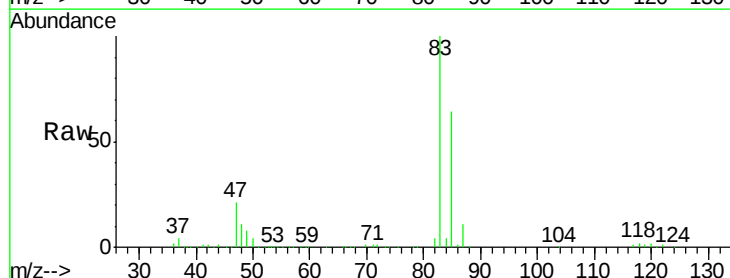
Manual Integrations
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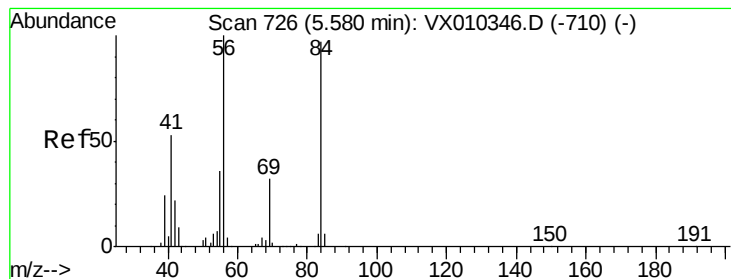
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#30
Chloroform
Concen: 49.907 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.9	76.3





#31

Cyclohexane

Concen: 47.221 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

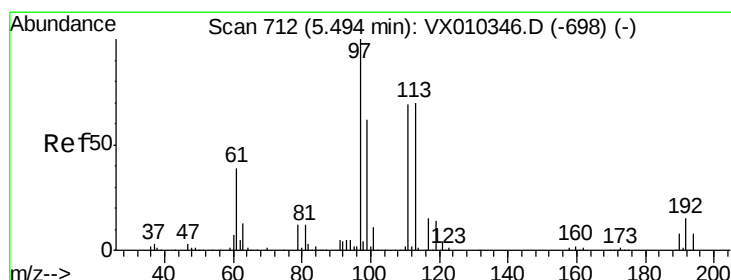
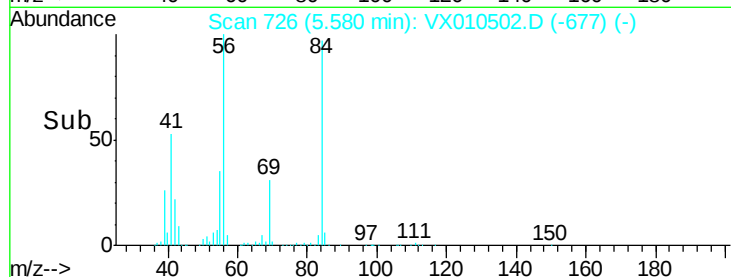
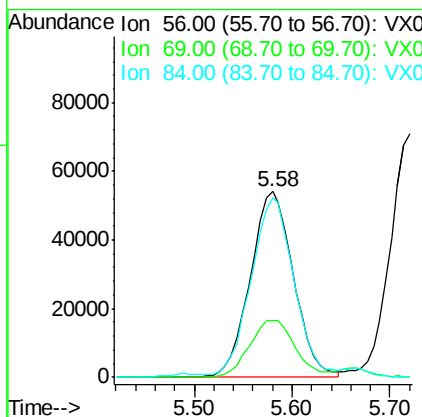
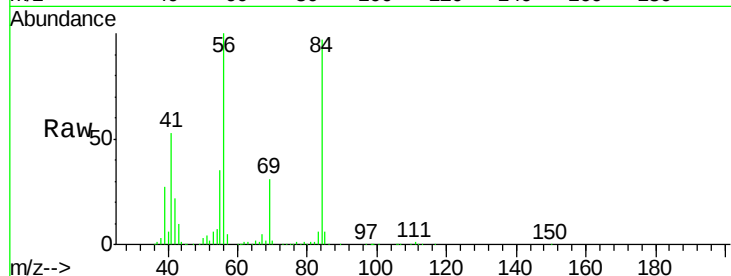
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	165456
Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.9	38.9
84	94.8	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.532 ug/l

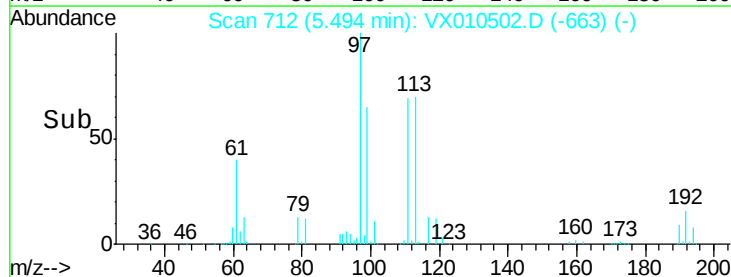
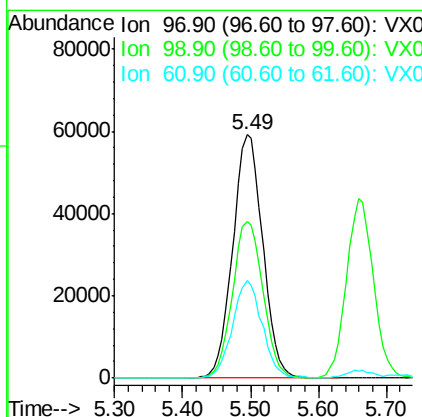
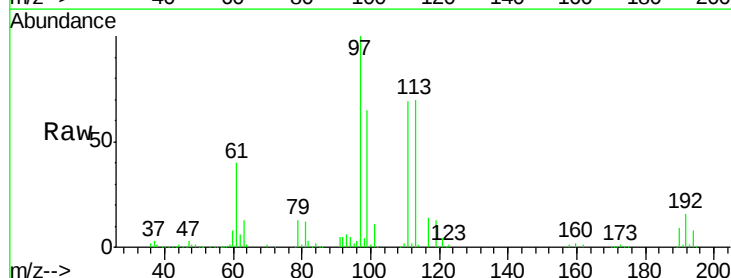
RT: 5.49 min Scan# 712

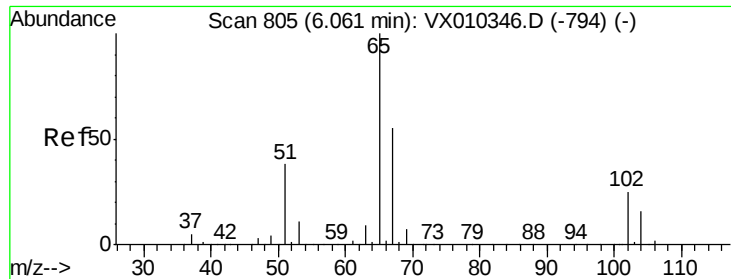
Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Tgt Ion:	97	Resp:	181066
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.8	77.8
61	39.8	32.1	48.1





#33

1,2-Dichloroethane-d4

Concen: 50.827 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 123294

Ion Ratio Lower Upper

65 100

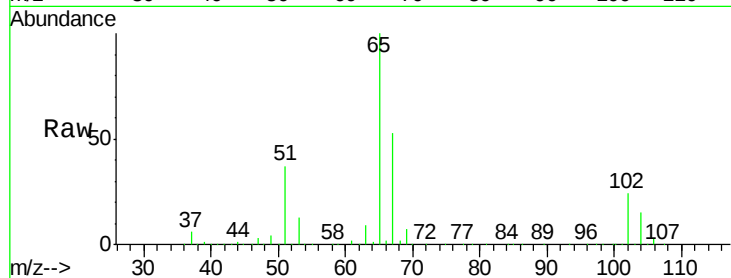
67 54.8 0.0 110.2

Manual Integrations

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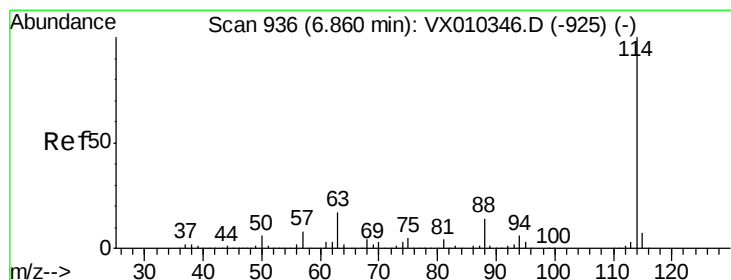
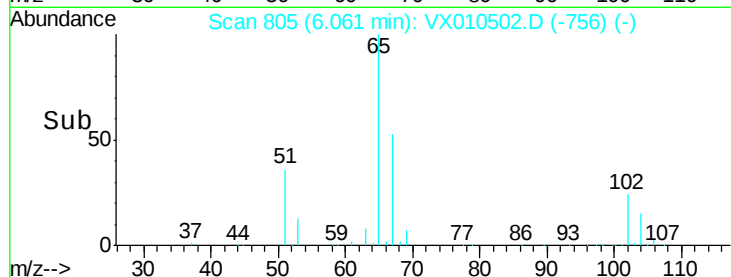
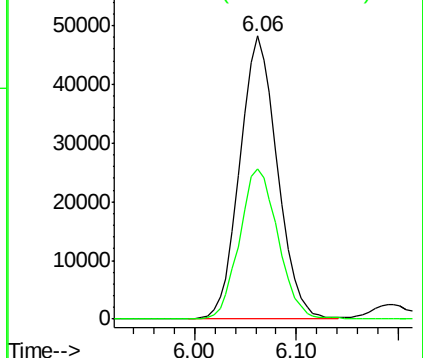
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

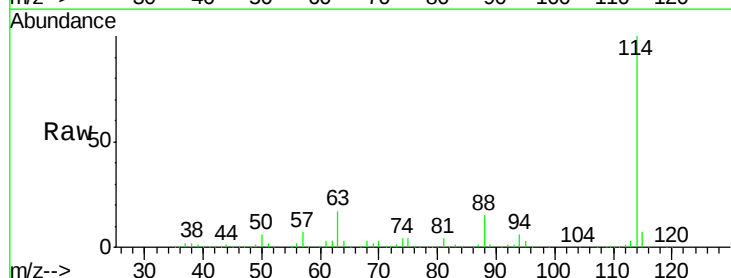
Tgt Ion: 114 Resp: 383457

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

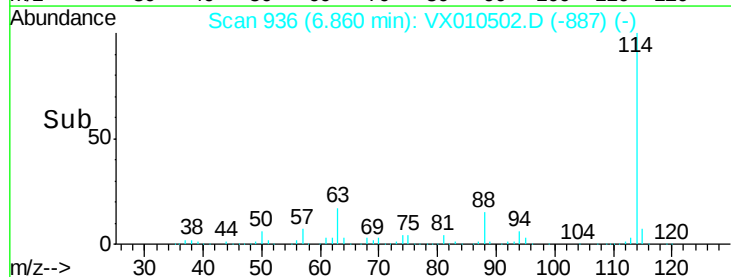
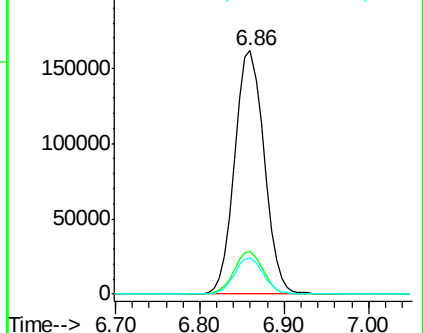
88 14.8 0.0 27.6

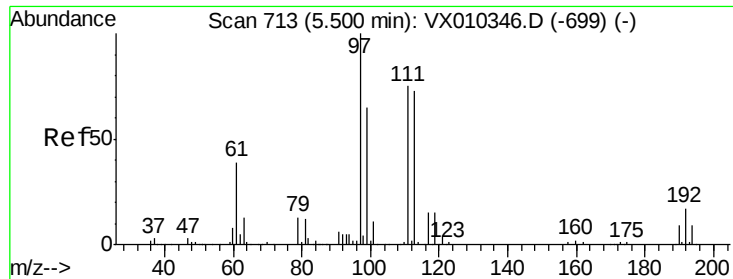


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





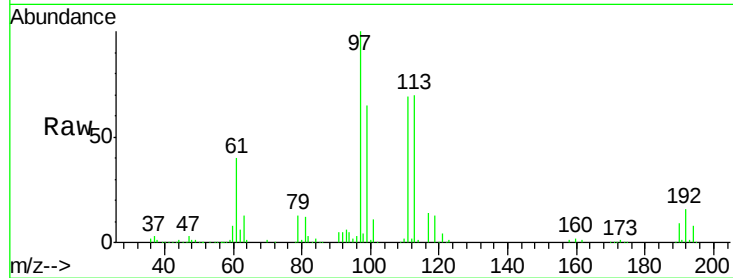
#35
Dibromofluoromethane
Concen: 51.089 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

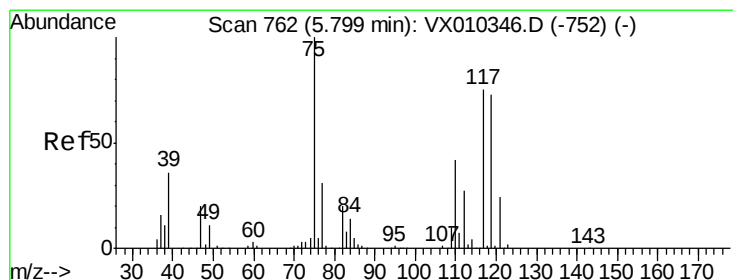
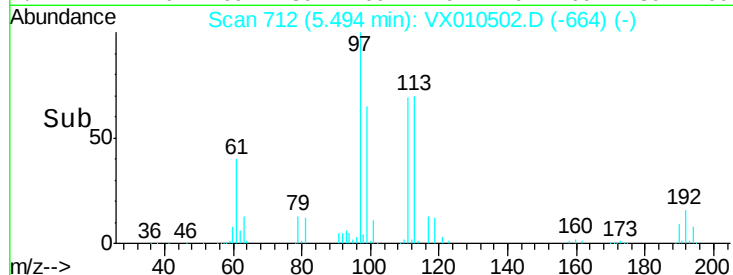
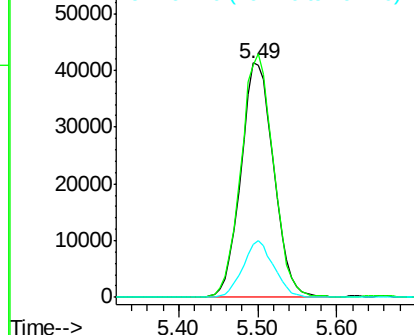
Tot Ion	Ratio	Resp	Lower	Upper
113	100	119861		
111	102.4	81.2	121.8	
192	22.9	18.6	27.8	

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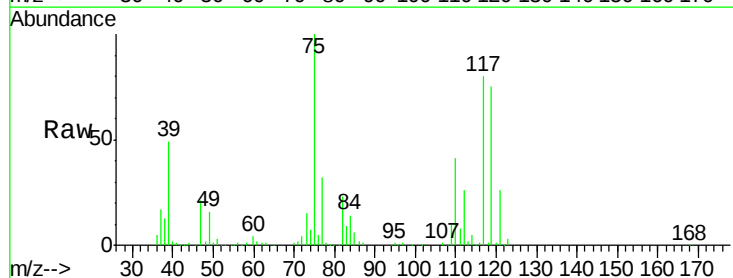


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

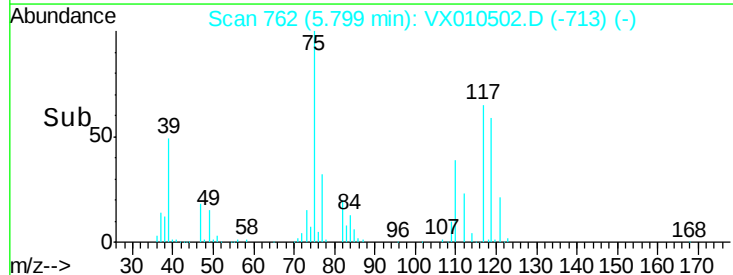
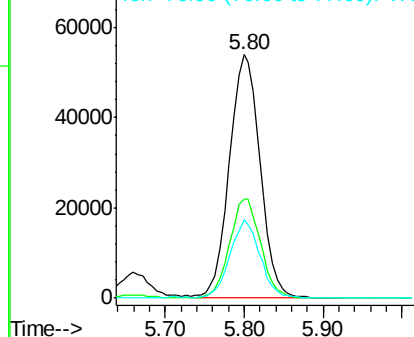


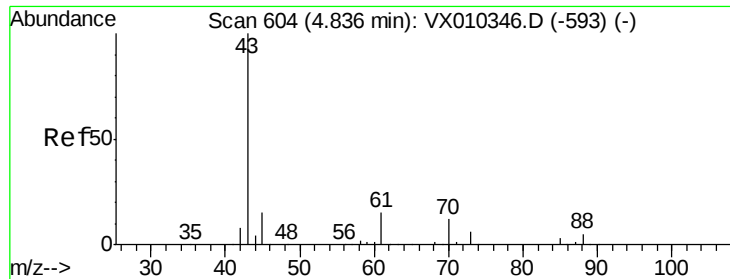
#36
1,1-Dichloropropene
Concen: 47.855 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	145821		
110	41.2	20.8	62.2	
77	31.4	25.4	38.0	



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.256 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

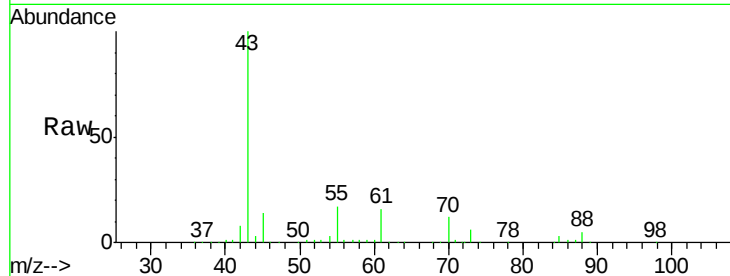
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	163813
Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.4	18.6
70	11.9	9.8	14.8

Manual Integrations
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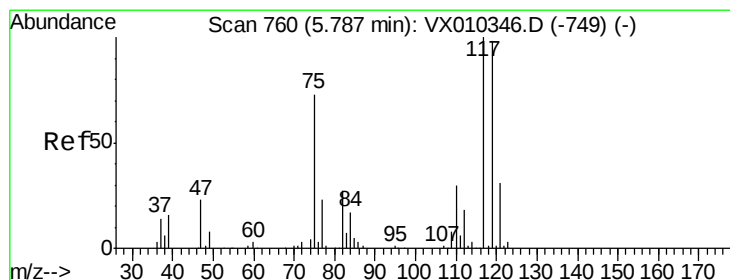
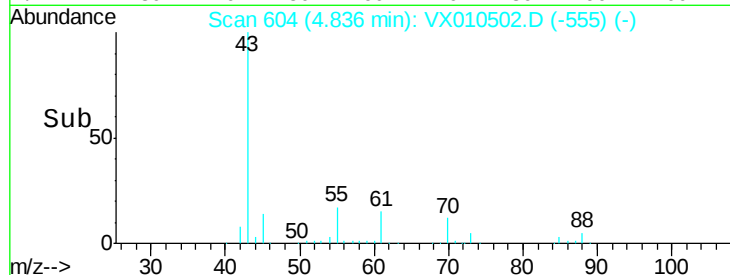
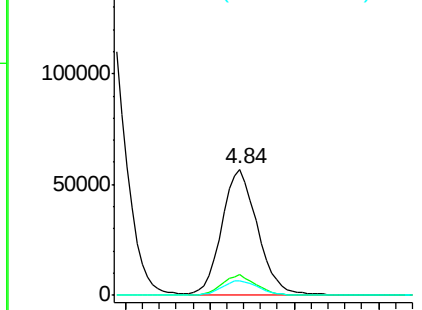
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Abundance Ion 43.00 (42.70 to 43.70): VX010502.D (-555) (-)

Ion 60.90 (60.60 to 61.60): VX010502.D (-555) (-)

Ion 70.00 (69.70 to 70.70): VX010502.D (-555) (-)



#38

Carbon Tetrachloride

Concen: 49.269 ug/l

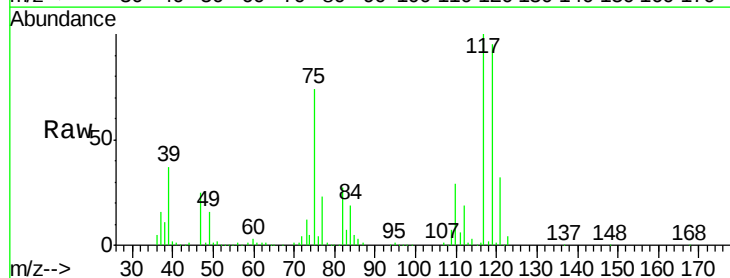
RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

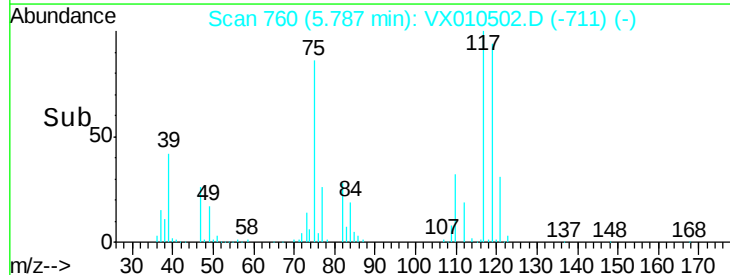
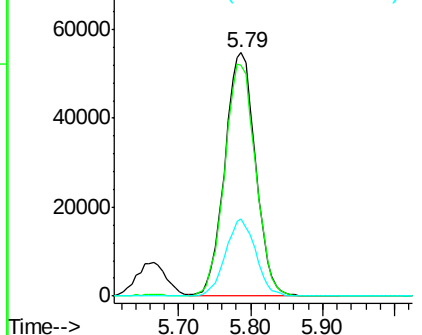
Tgt Ion:	117	Resp:	162572
Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.2	117.4
121	31.6	24.7	37.1



Abundance Ion 116.80 (116.50 to 117.50): VX010502.D (-711) (-)

Ion 118.80 (118.50 to 119.50): VX010502.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX010502.D (-711) (-)





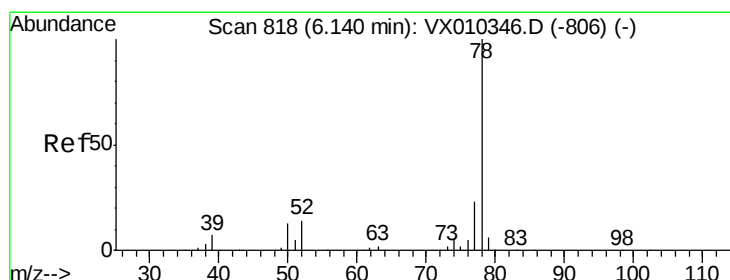
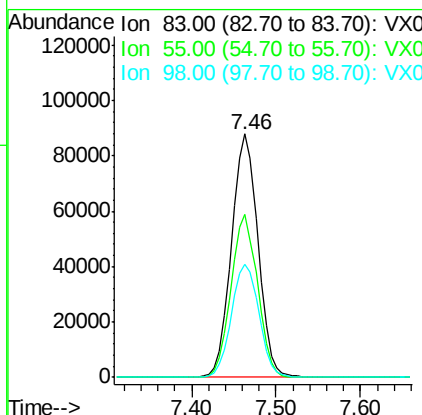
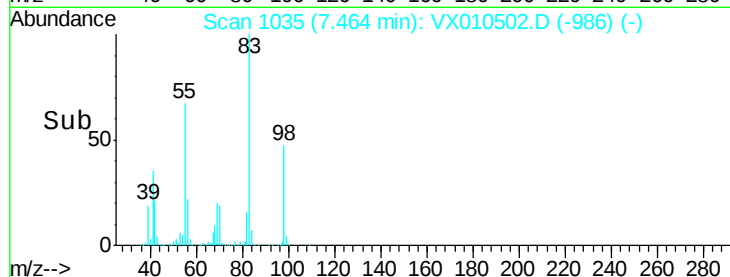
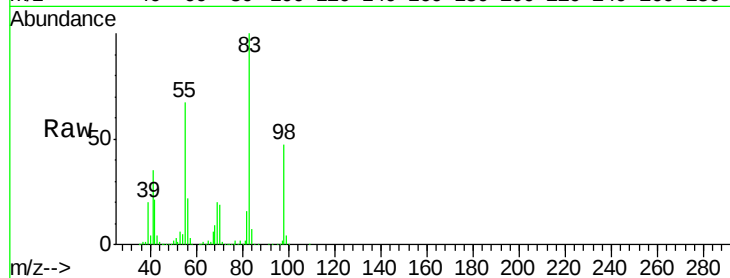
#39
Methvlcvclohexane
Concen: 46.541 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.1	53.0	79.6
98	46.6	37.8	56.8

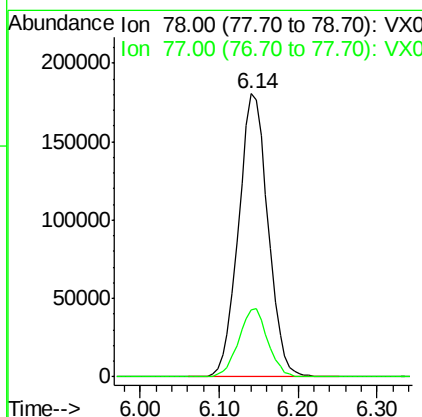
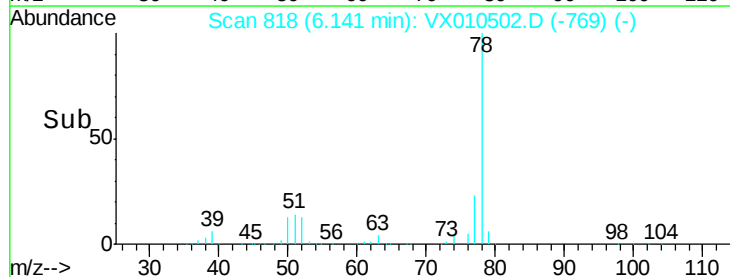
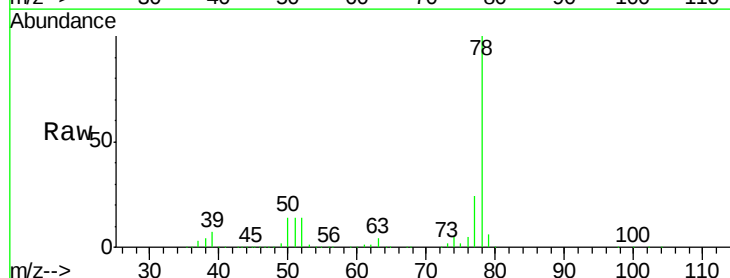
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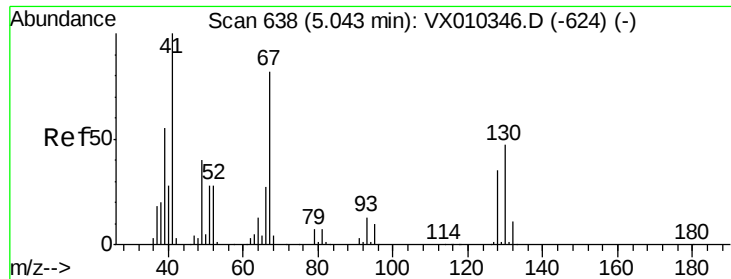
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#40
Benzene
Concen: 49.504 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0





#41

Methacrylonitrile

Concen: 50.235 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 86405

Ion Ratio Lower Upper

41 100

39 54.6 43.8 65.8

67 84.9 66.6 100.0

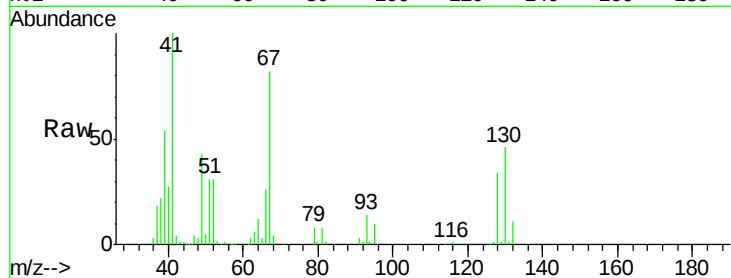
52 33.6 24.5 36.7

Manual Integrations

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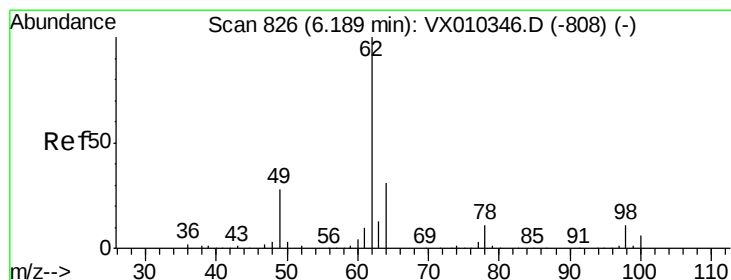
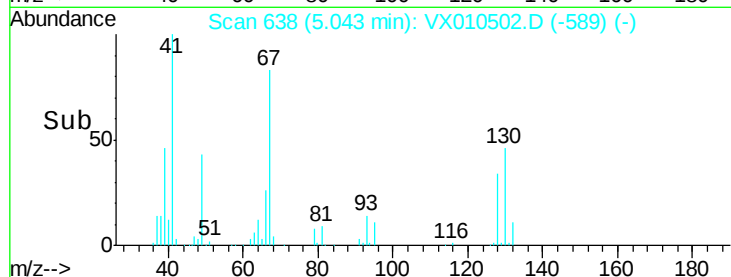
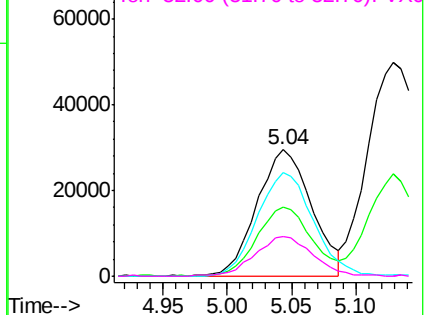


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.368 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010502.D

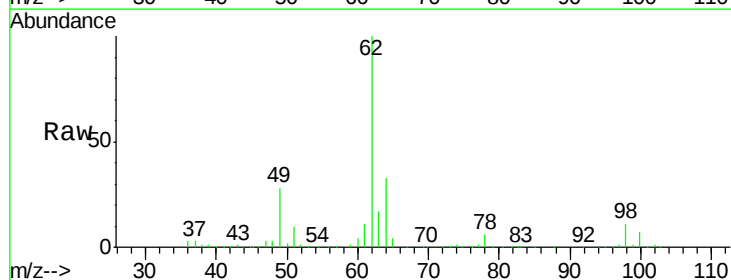
Acq: 27 Jun 2019 20:23

Tgt Ion: 62 Resp: 151331

Ion Ratio Lower Upper

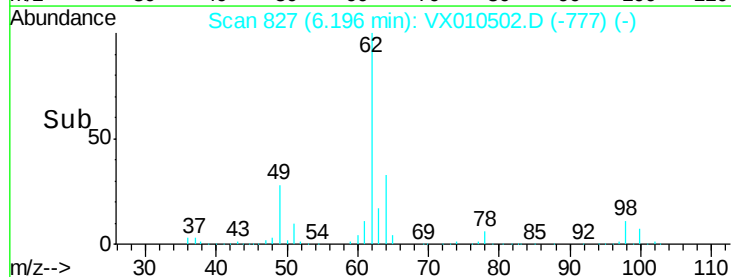
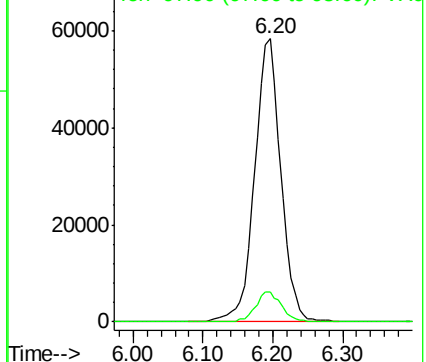
62 100

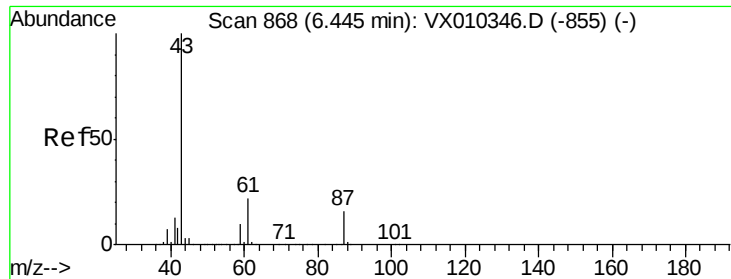
98 10.5 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

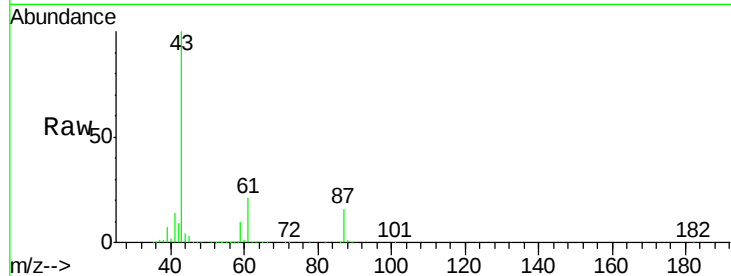
Isopropyl Acetate
 Concen: 51.576 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

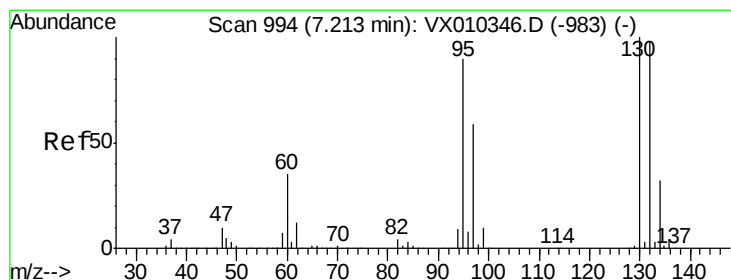
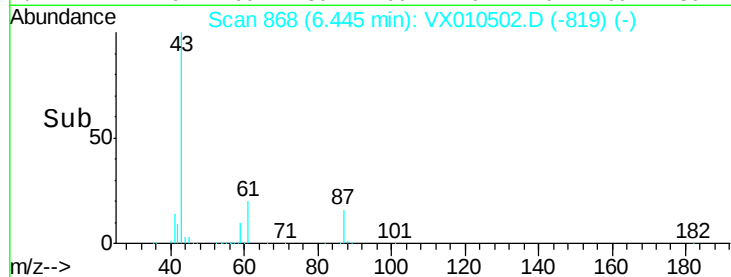
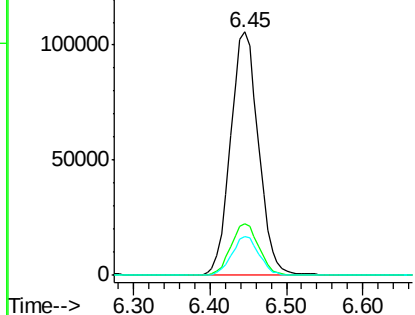
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.8	26.6
87	15.6	13.0	19.4

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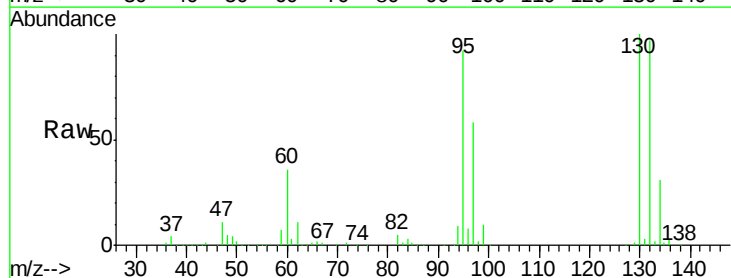
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



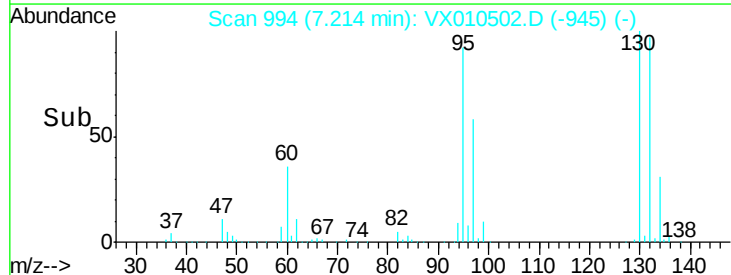
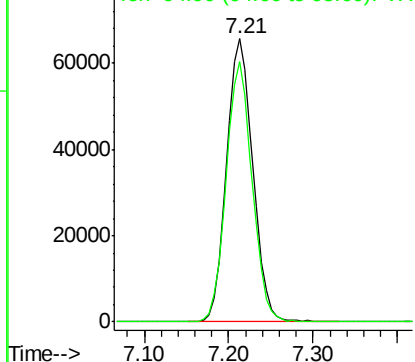
#44

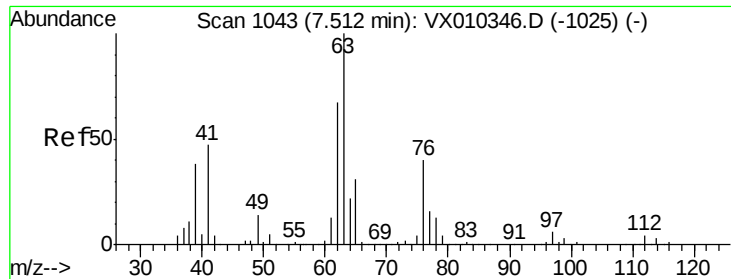
Trichloroethene
 Concen: 49.150 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





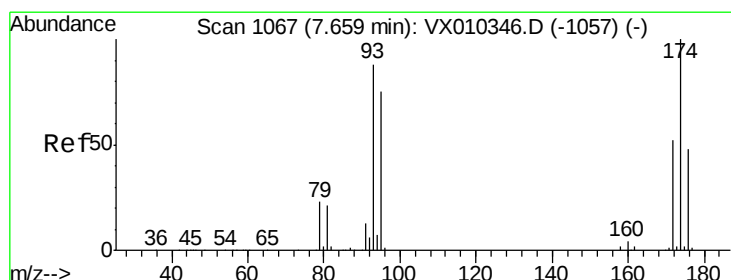
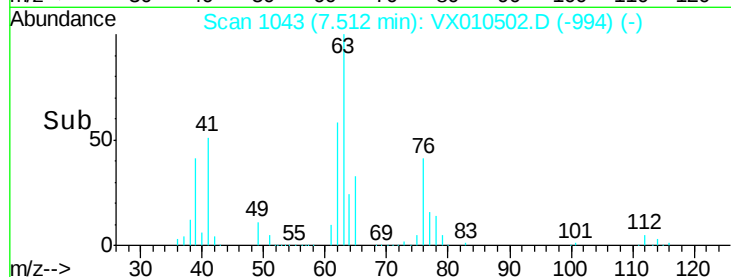
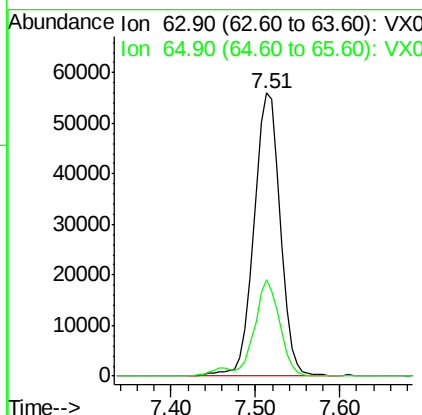
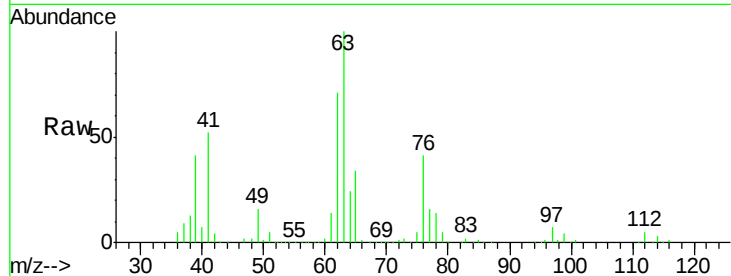
#45
 1,2-Dichloropropane
 Concen: 49.670 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 119076
 Ion Ratio Lower Upper
 63 100
 65 34.1 24.8 37.2

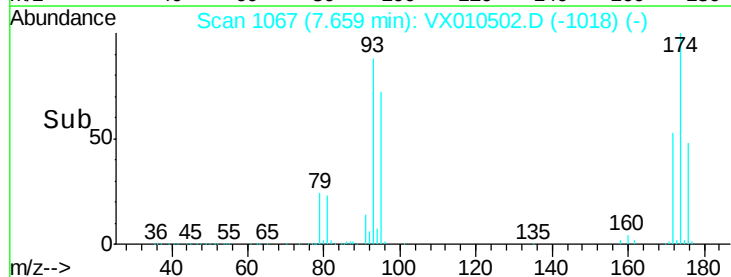
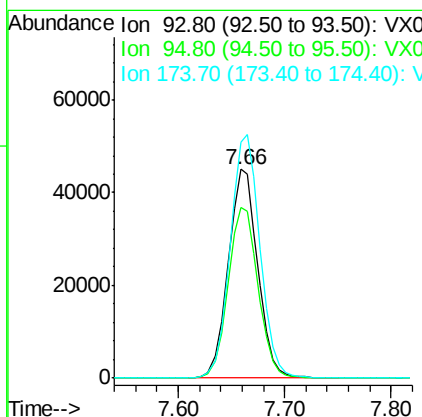
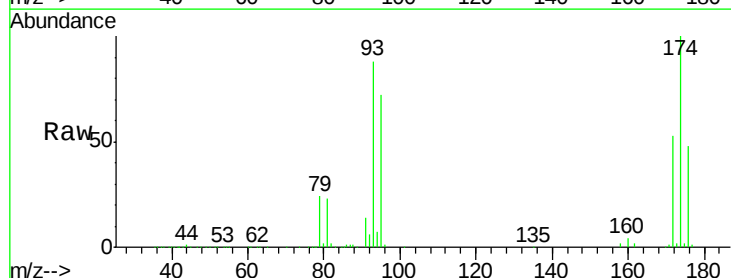
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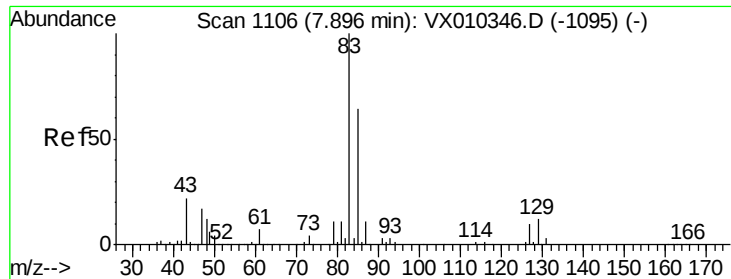
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#46
 Dibromomethane
 Concen: 50.713 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Tgt Ion: 93 Resp: 87228
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.5 101.3
 174 118.0 95.8 143.6





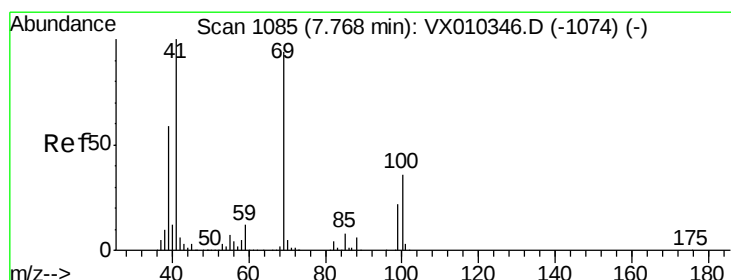
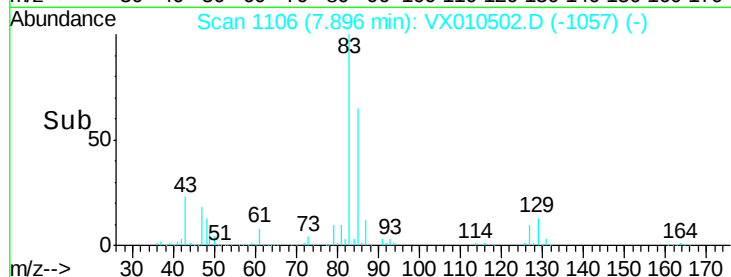
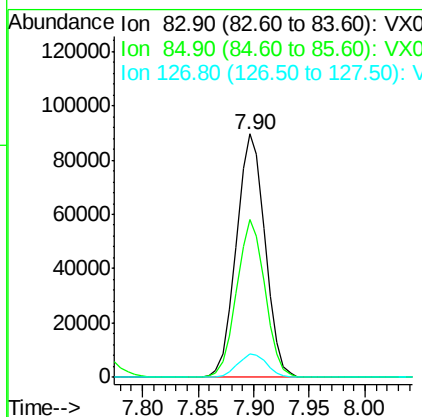
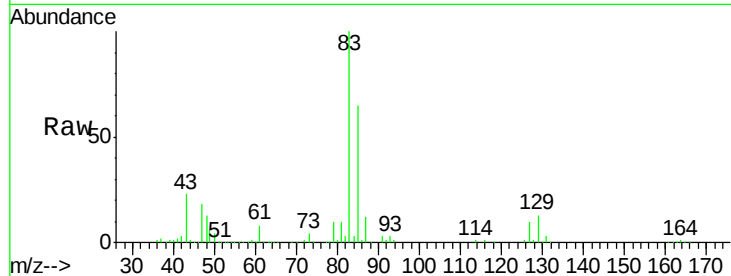
#47
Bromodichloromethane
Concen: 50.911 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	160481
Ion Ratio	100	Lower	Upper
83	100		
85	64.5	51.5	77.3
127	9.7	7.8	11.8

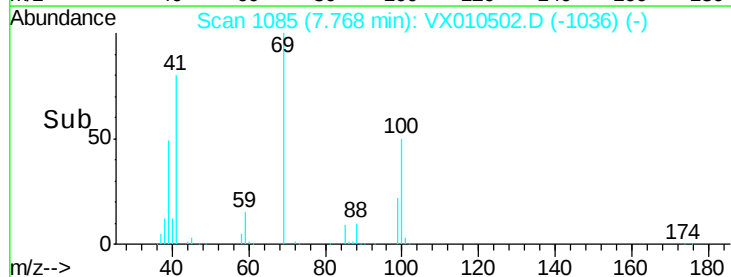
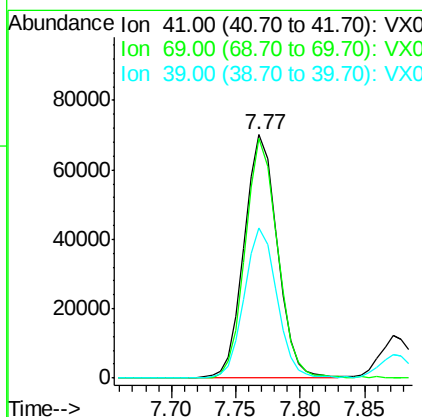
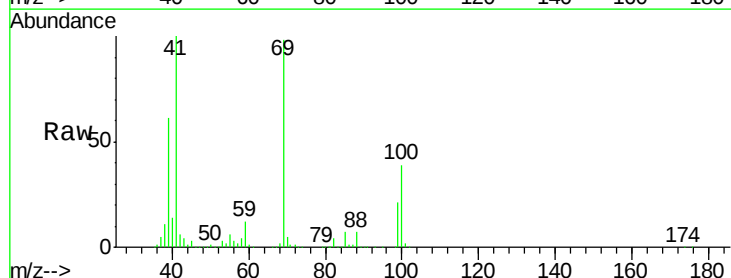
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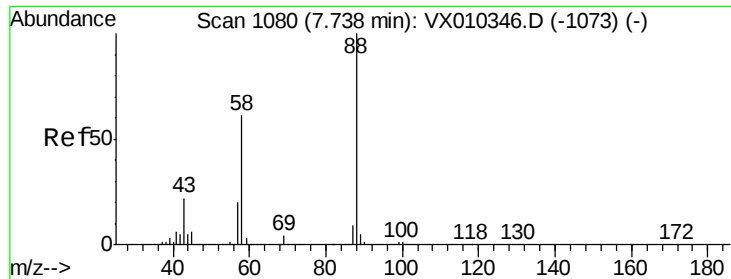
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#48
Methyl methacrylate
Concen: 51.473 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	41	Resp	124088
Ion Ratio	100	Lower	Upper
41	100		
69	96.1	76.1	114.1
39	60.9	47.6	71.4





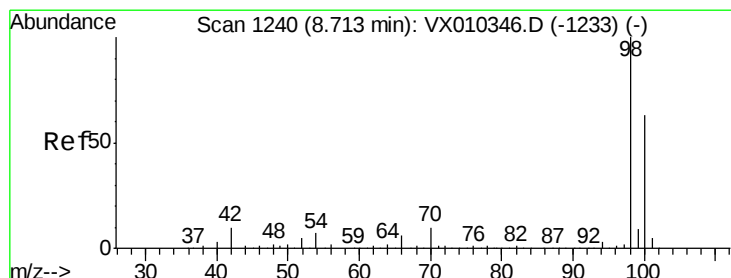
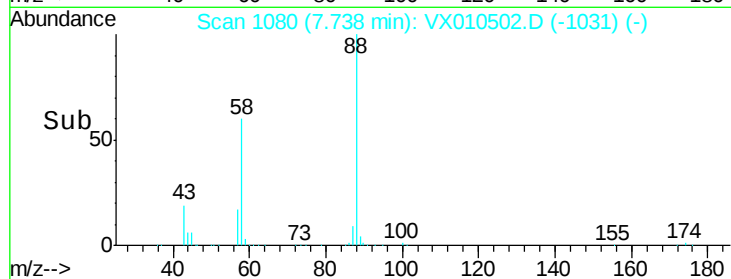
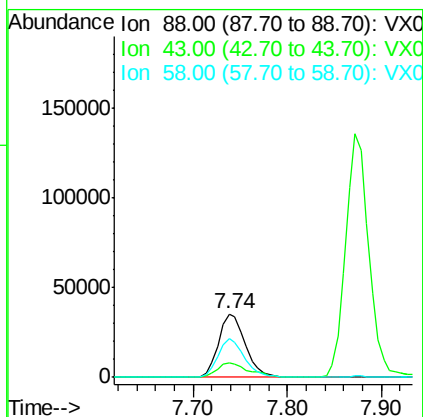
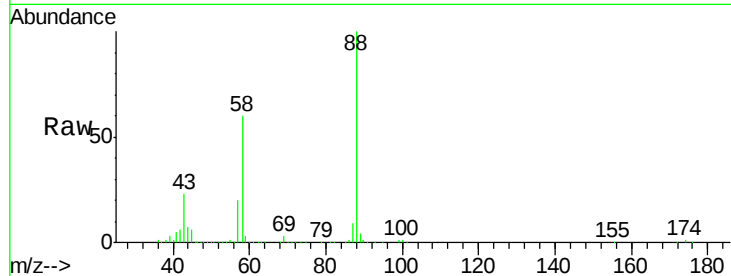
#49
1,4-Dioxane
Concen: 1003.121 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.4	20.2	30.2
58	60.1	49.5	74.3

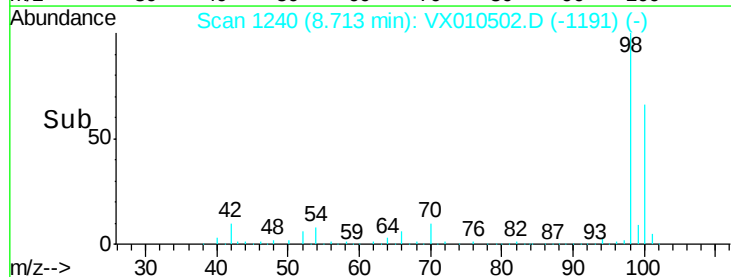
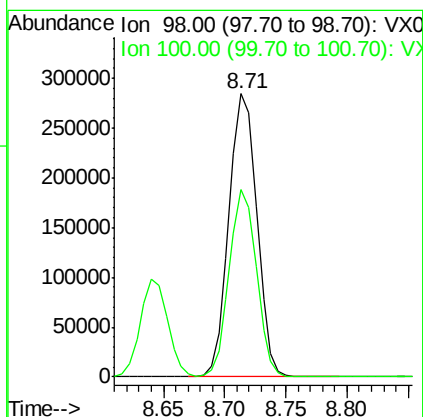
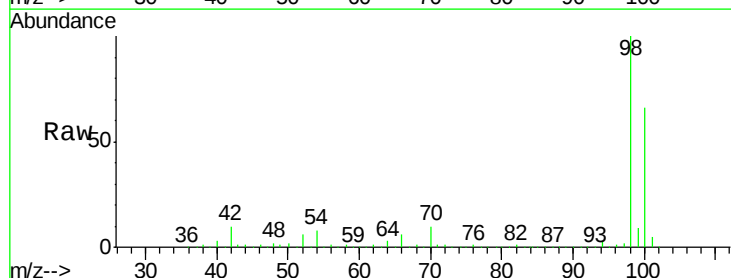
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#50
Toluene-d8
Concen: 50.284 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





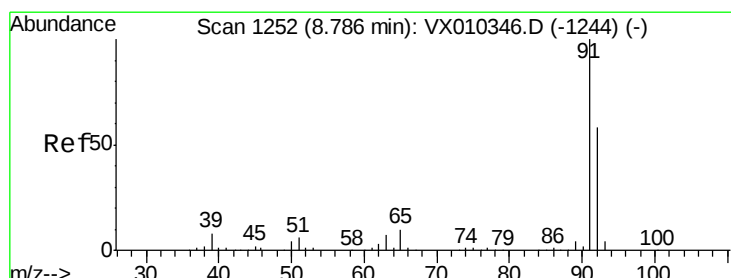
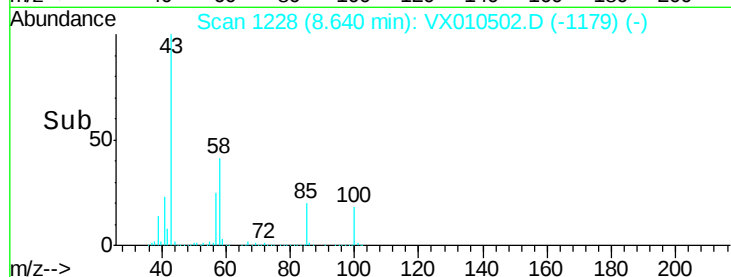
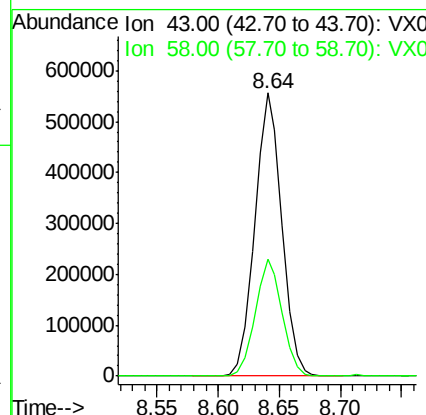
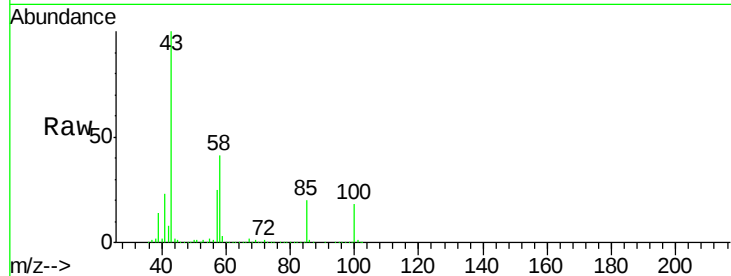
#51
4-Methyl-2-Pentanone
Concen: 256.763 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 851700
Ion Ratio Lower Upper
43 100
58 41.1 33.5 50.3

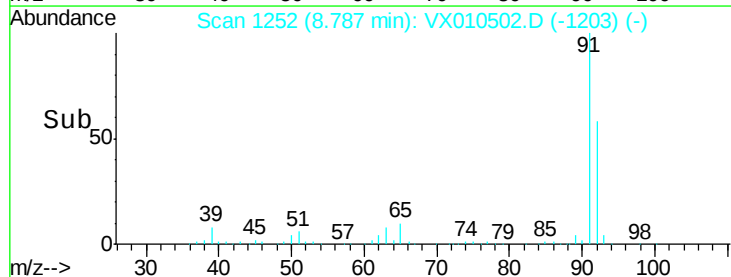
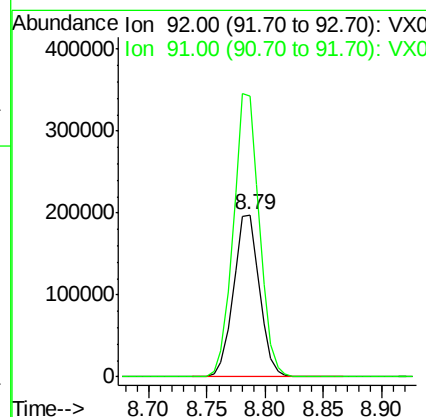
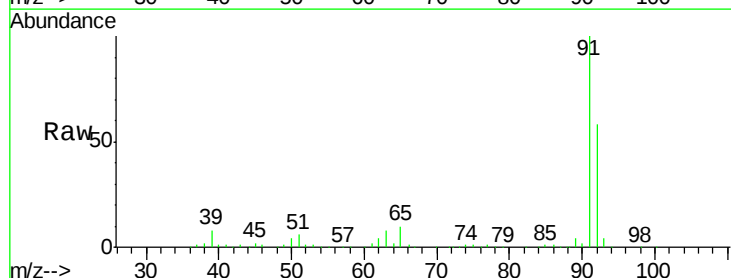
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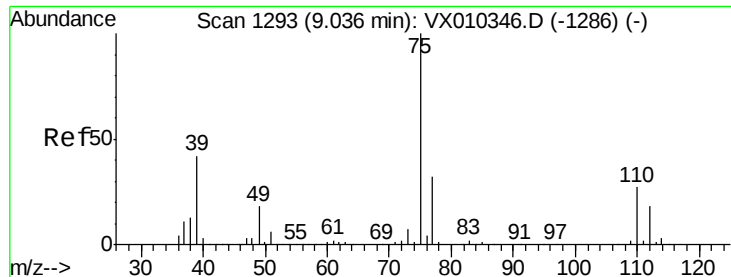
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#52
Toluene
Concen: 49.059 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion: 92 Resp: 306701
Ion Ratio Lower Upper
92 100
91 174.9 139.8 209.6





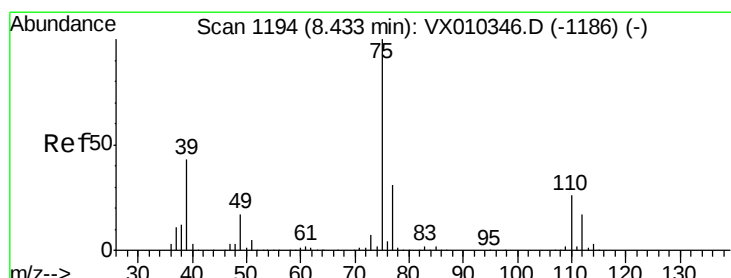
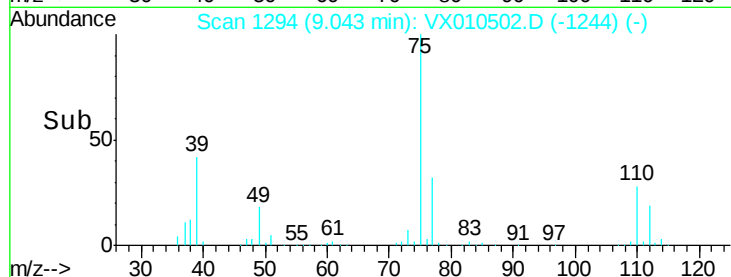
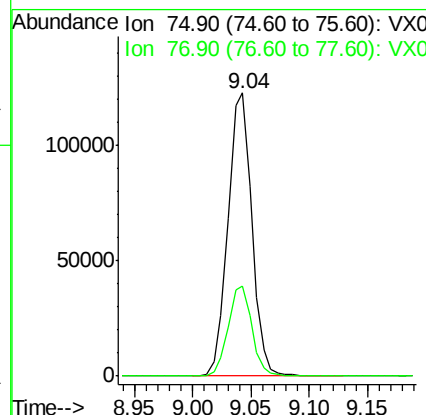
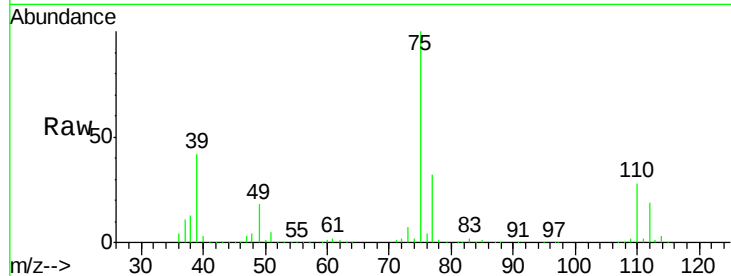
#53
t-1,3-Dichloropropene
Concen: 49.288 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 174186
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

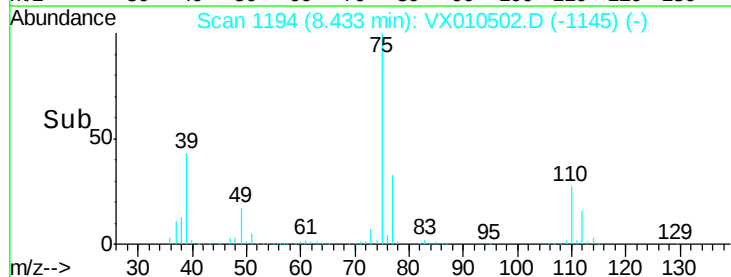
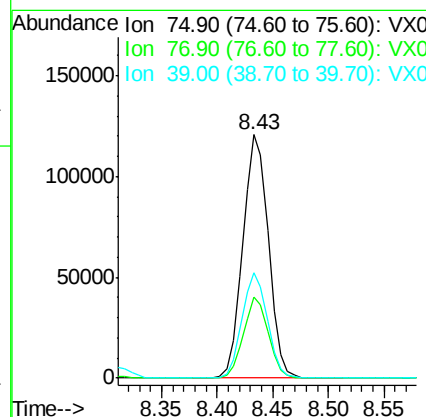
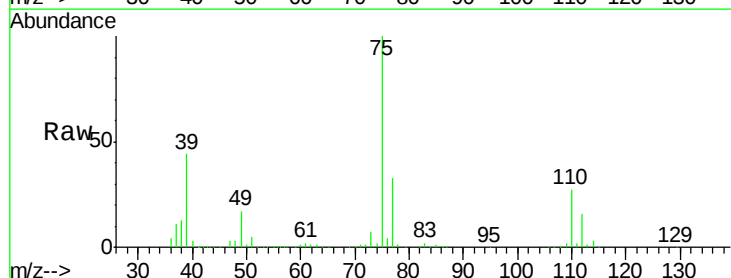
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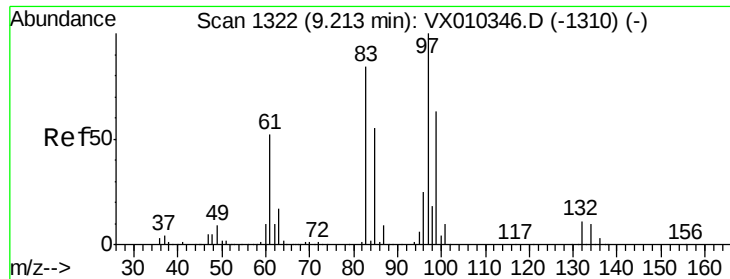
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#54
cis-1,3-Dichloropropene
Concen: 49.816 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion: 75 Resp: 191319
Ion Ratio Lower Upper
75 100
77 33.2 25.2 37.8
39 43.5 34.5 51.7





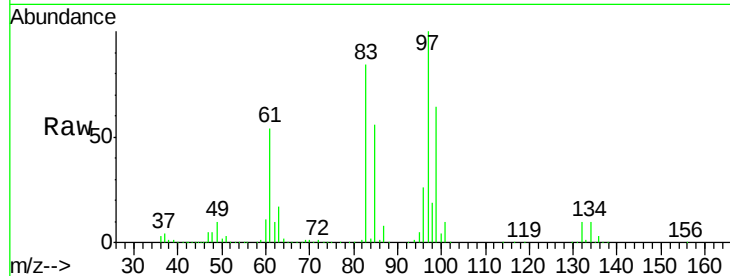
#55
 1,1,2-Trichloroethane
 Concen: 51.057 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

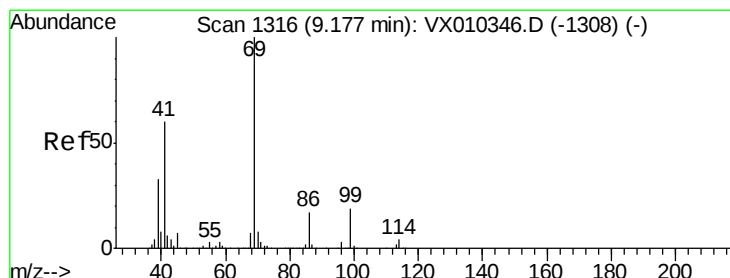
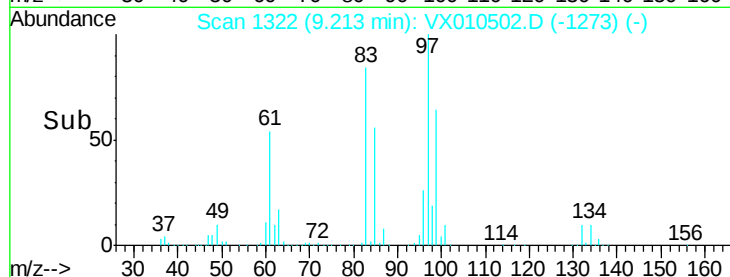
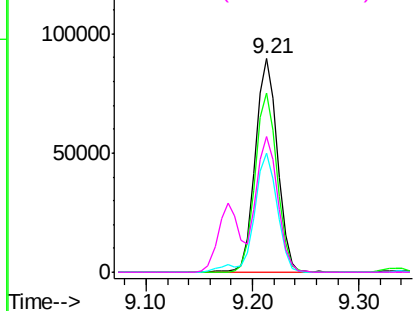
Tot Ion:	97	Resp:	131642
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.4	101.0
85	55.9	43.8	65.8
99	63.5	50.3	75.5

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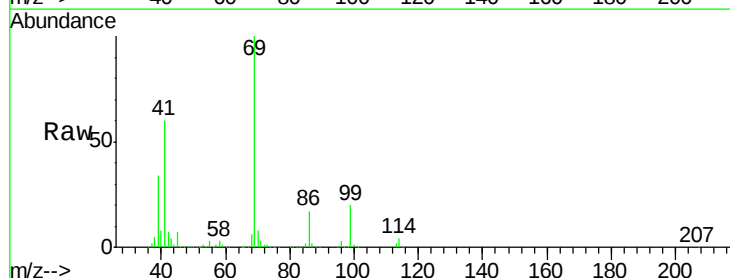


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

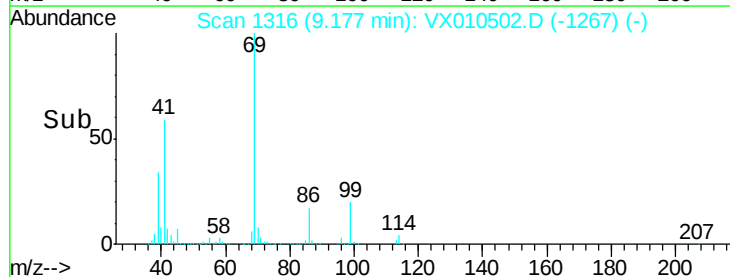
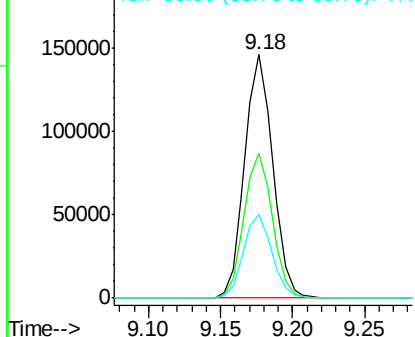


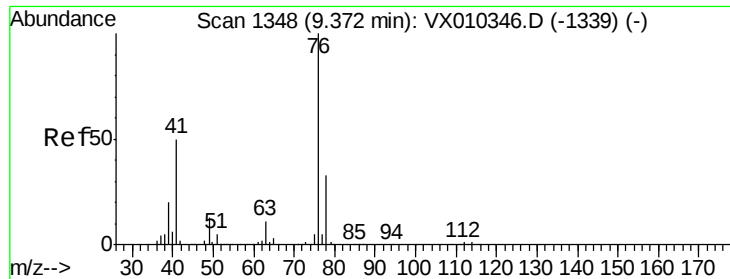
#56
 Ethyl methacrylate
 Concen: 50.534 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Tgt Ion:	69	Resp:	197377
Ion	Ratio	Lower	Upper
69	100		
41	60.1	47.1	70.7
39	34.6	26.6	40.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.065 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 204380

Ion Ratio Lower Upper

76 100

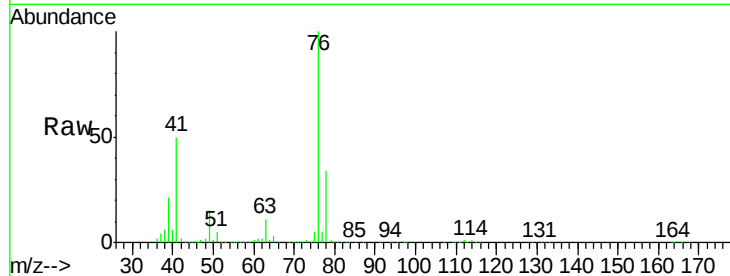
78 32.8 26.1 39.1

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

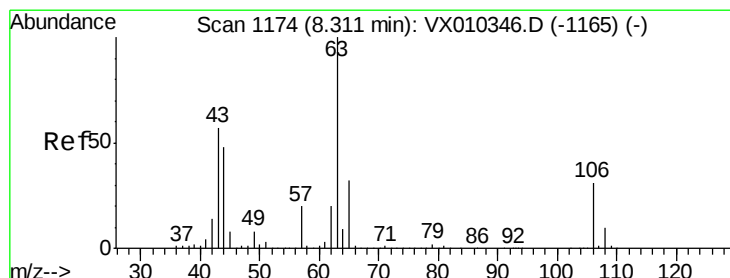
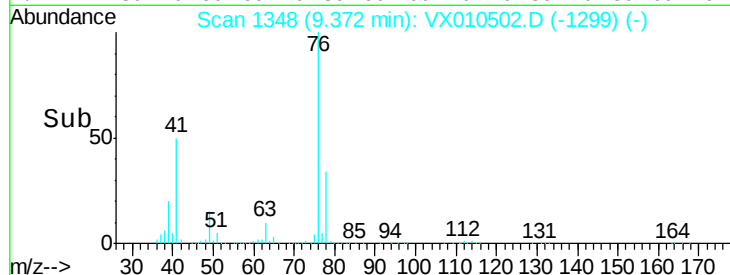
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 235.655 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010502.D

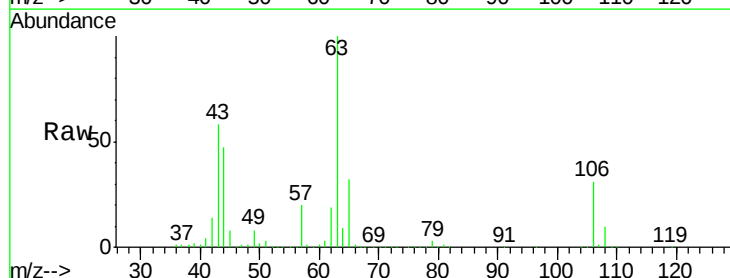
Acq: 27 Jun 2019 20:23

Tgt Ion: 63 Resp: 437138

Ion Ratio Lower Upper

63 100

106 31.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

300000

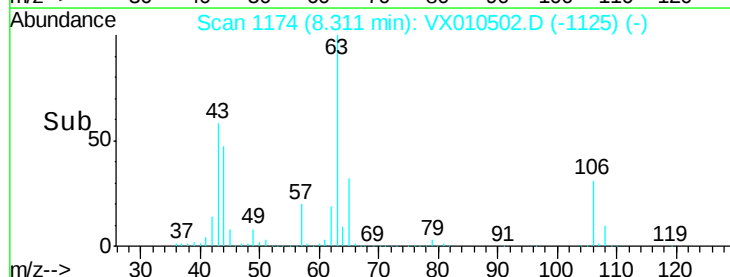
200000

100000

0

8.20 8.25 8.30 8.35 8.40

Time-->





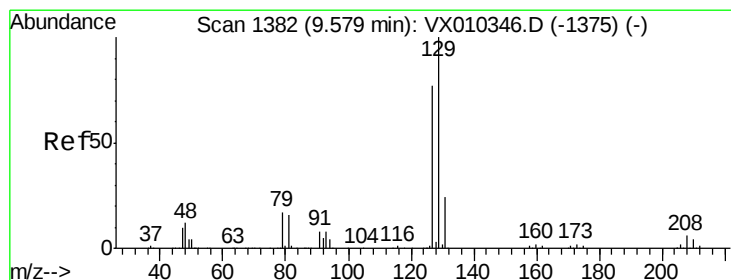
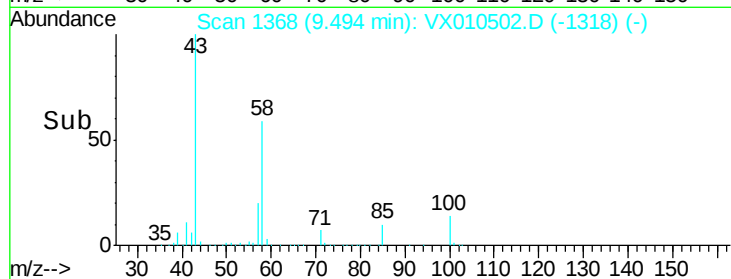
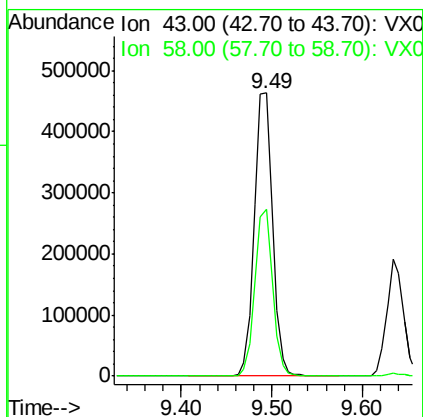
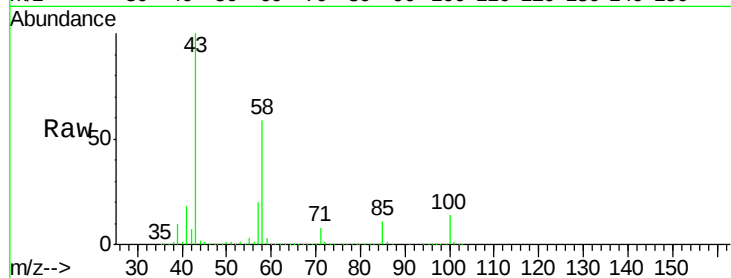
#59
2-Hexanone
Concen: 248.781 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 649479
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.1

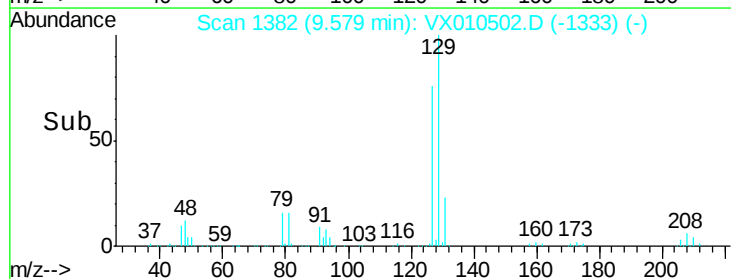
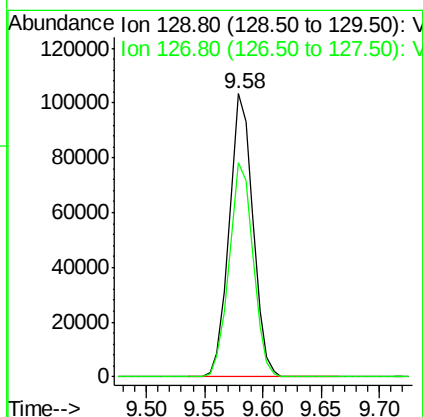
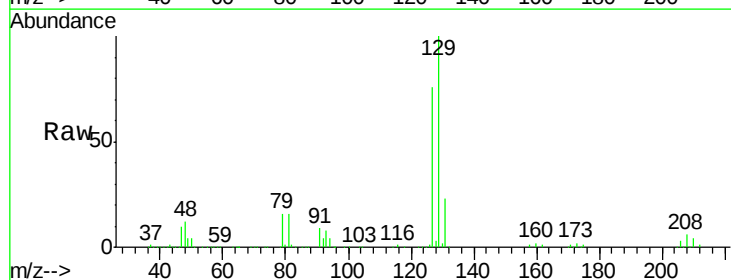
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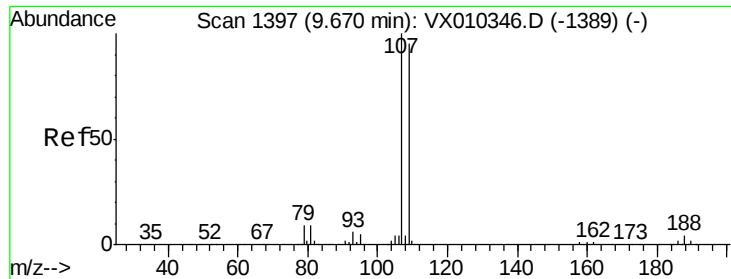
MMDadoda
6/28/2019 10:38:45 AM



#60
Dibromochloromethane
Concen: 50.890 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion: 129 Resp: 146914
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.1





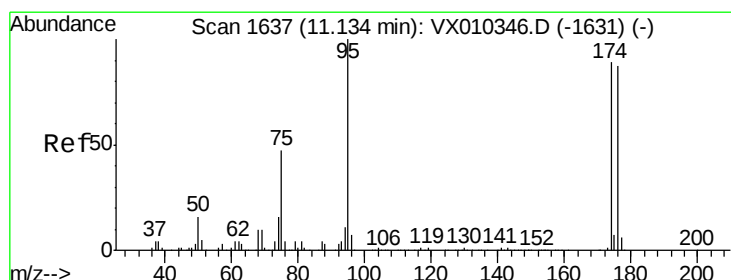
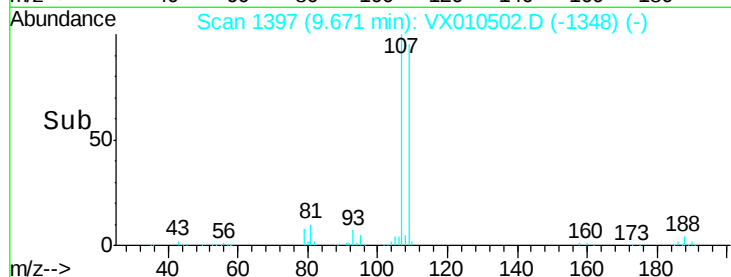
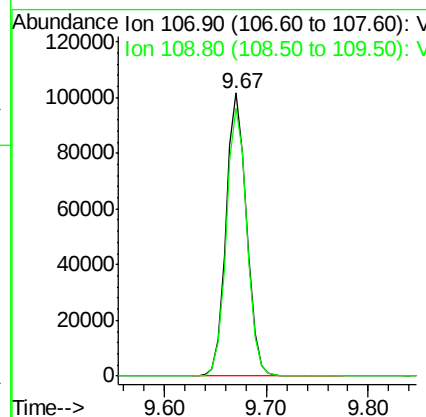
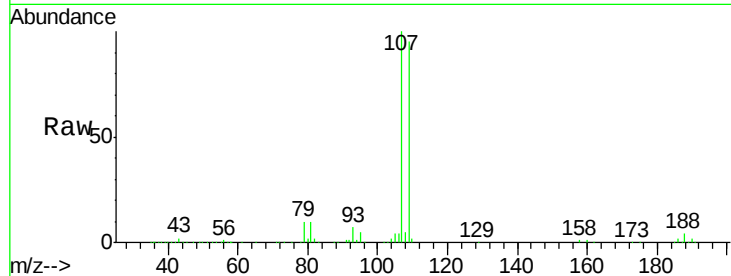
#61
 1,2-Dibromoethane
 Concen: 51.032 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	142022		
109	94.8	75.8	113.6	

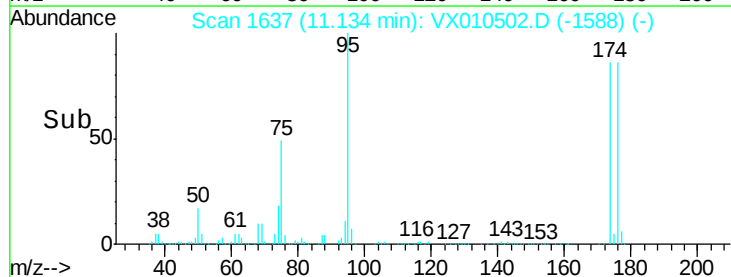
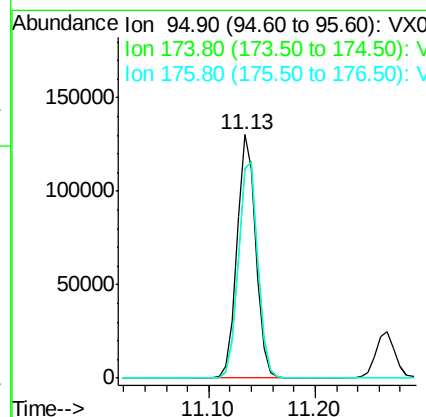
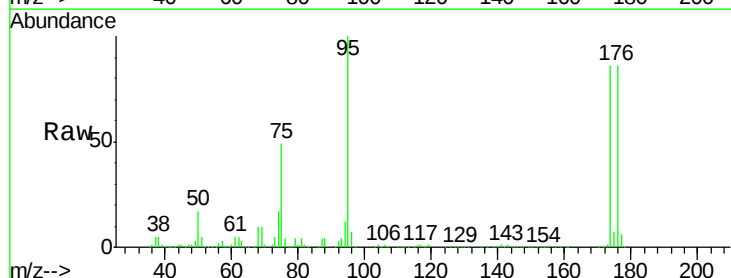
Manual Integrations
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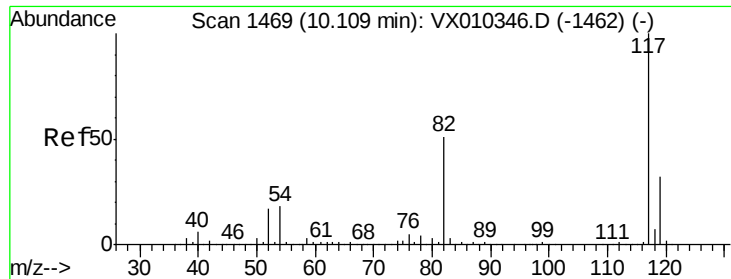
MMDadoda
 6/28/2019 10:38:45 AM



#62
 4-Bromofluorobenzene
 Concen: 49.668 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	160949		
174	93.0	0.0	187.6	
176	91.6	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: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

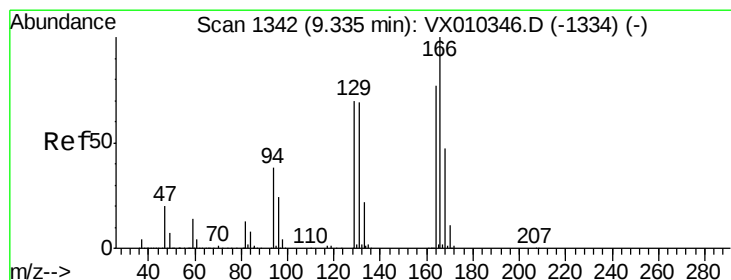
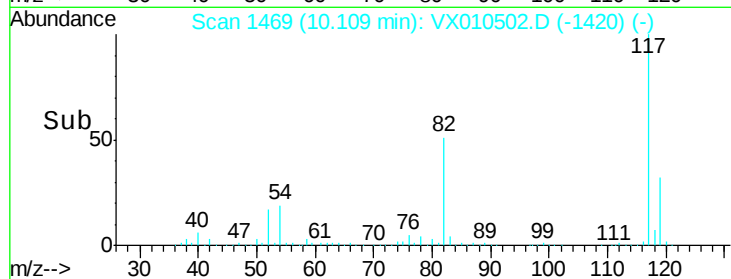
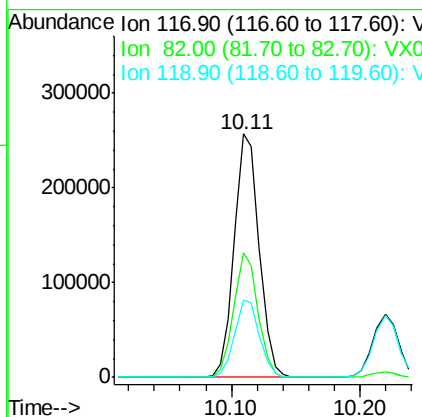
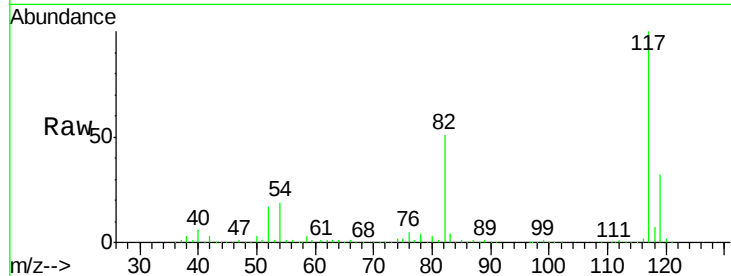
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	347726
Ion Ratio		Lower	Upper
117	100		
82	51.0	41.2	61.8
119	31.9	25.5	38.3

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#64

Tetrachloroethene

Concen: 48.520 ug/l

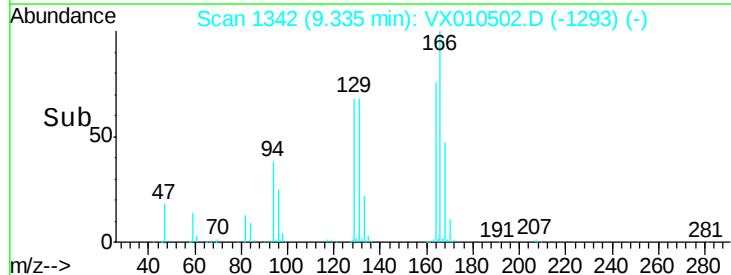
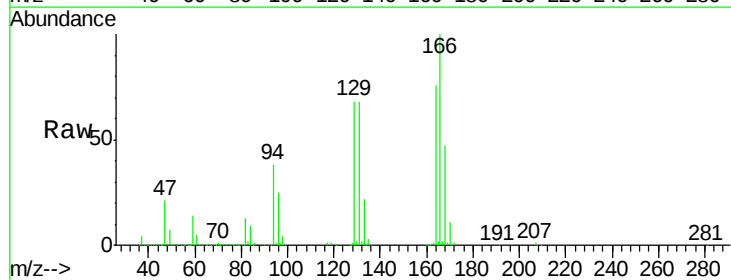
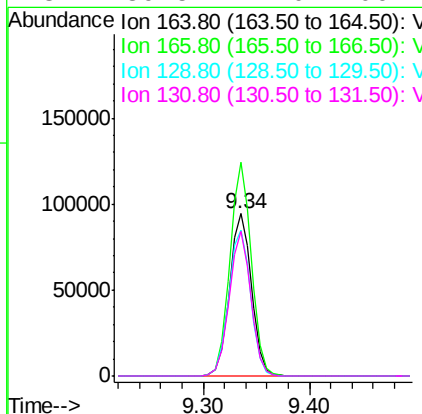
RT: 9.34 min Scan# 1342

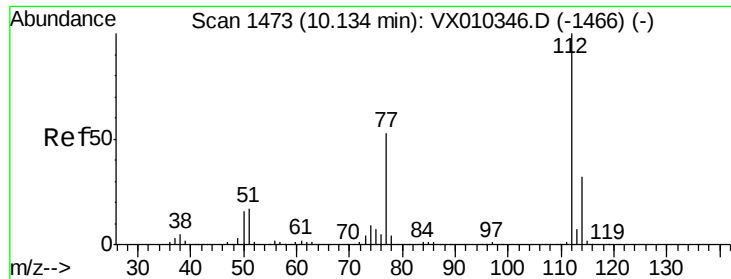
Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Tgt Ion:	164	Resp:	136463
Ion Ratio		Lower	Upper
164	100		
166	131.6	103.6	155.4
129	90.1	73.0	109.4
131	89.5	71.0	106.4





#65

Chlorobenzene

Concen: 49.423 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 348903

Ion Ratio Lower Upper

112 100

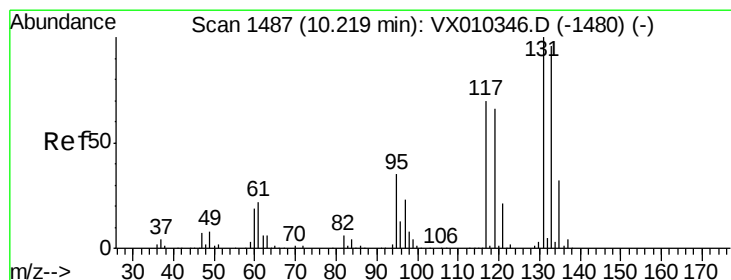
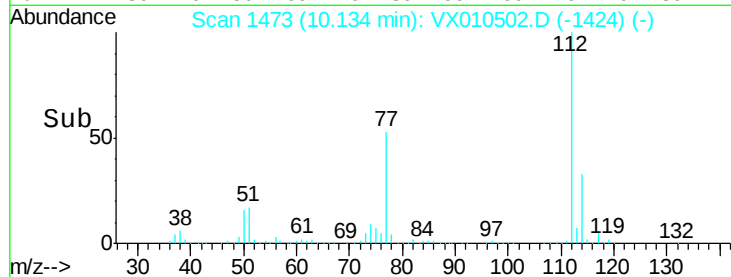
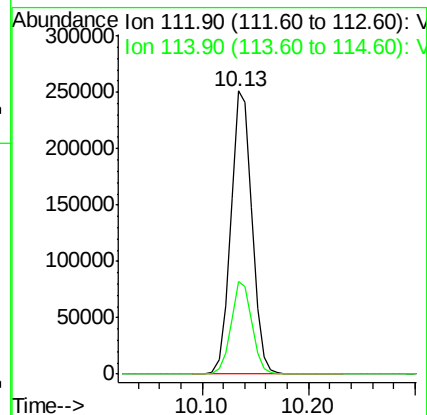
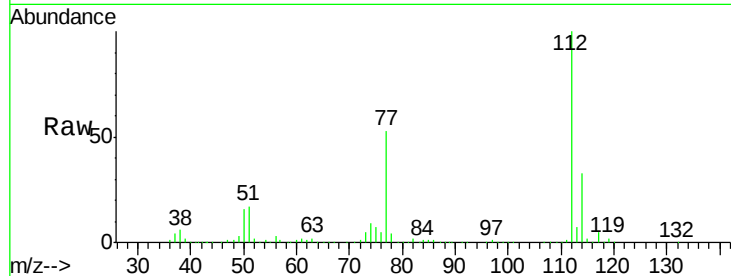
114 32.6 25.4 38.2

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.157 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

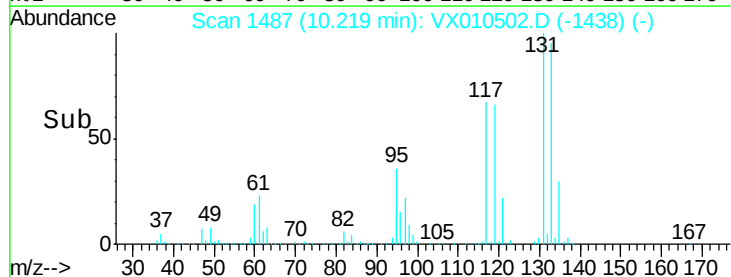
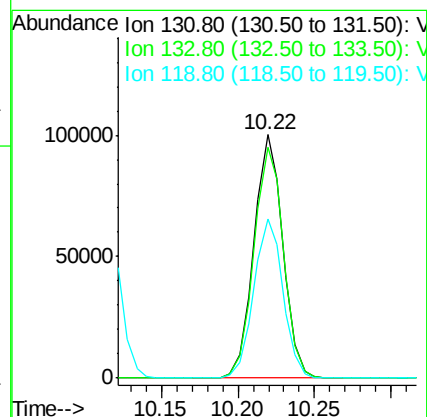
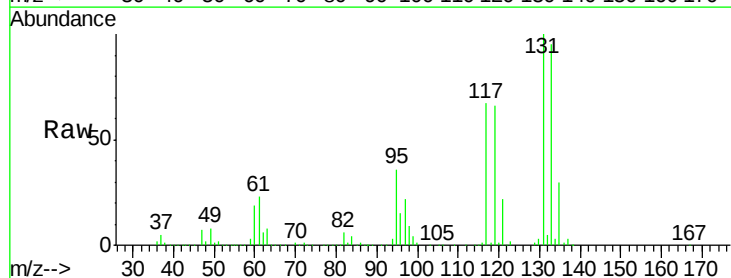
Tgt Ion:131 Resp: 131548

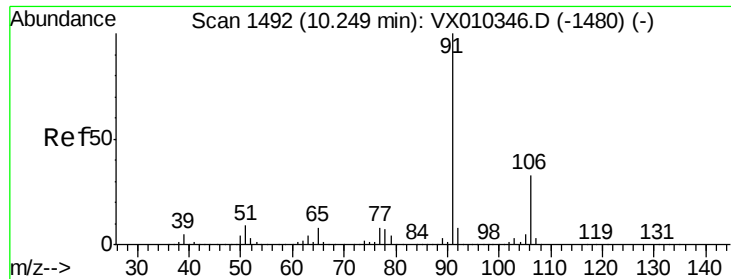
Ion Ratio Lower Upper

131 100

133 96.8 47.7 143.1

119 66.4 32.6 97.7





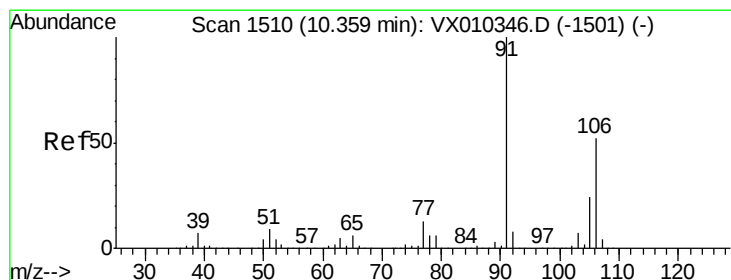
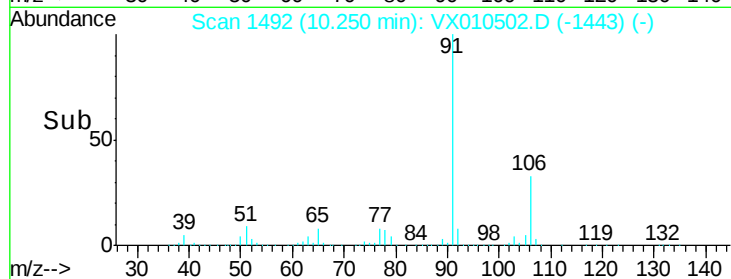
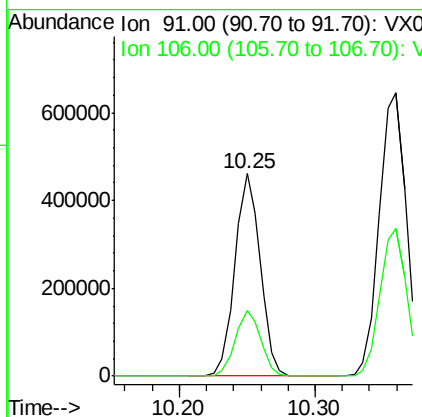
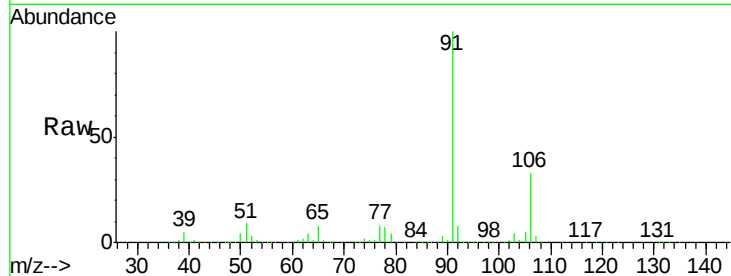
#67
Ethyl Benzene
Concen: 50.033 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 596298
Ion Ratio Lower Upper
91 100
106 32.8 26.2 39.2

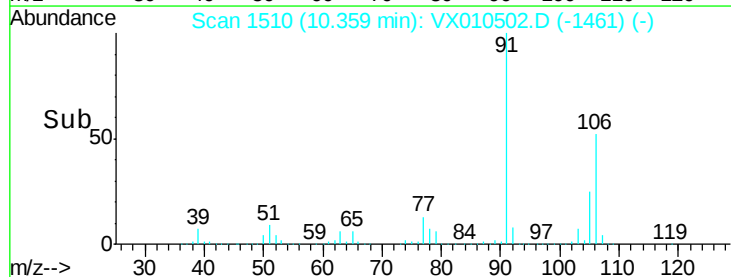
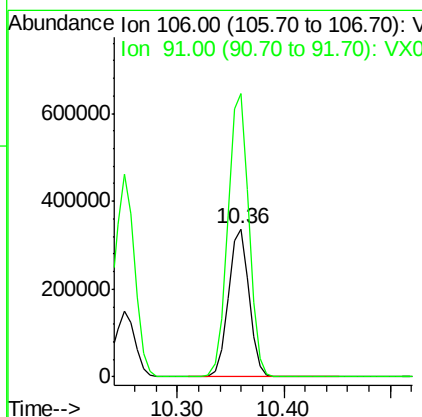
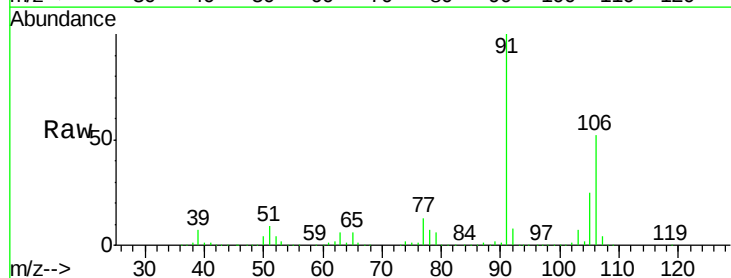
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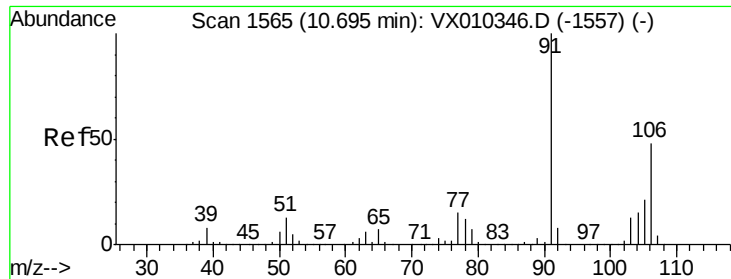
MMDadoda
6/28/2019 10:38:45 AM



#68
m/p-Xylenes
Concen: 99.326 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion: 106 Resp: 458678
Ion Ratio Lower Upper
106 100
91 194.8 155.3 232.9





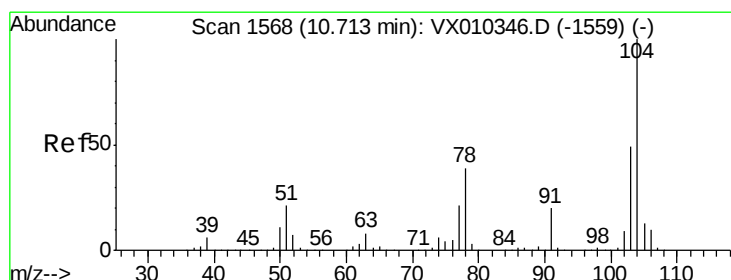
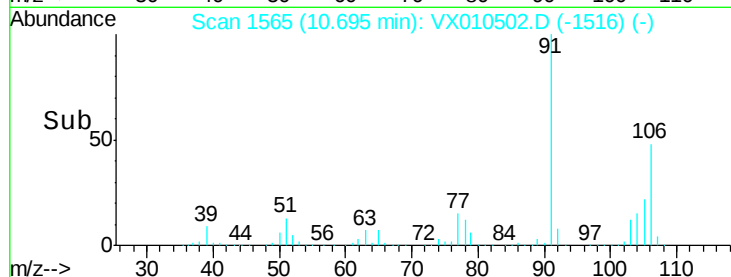
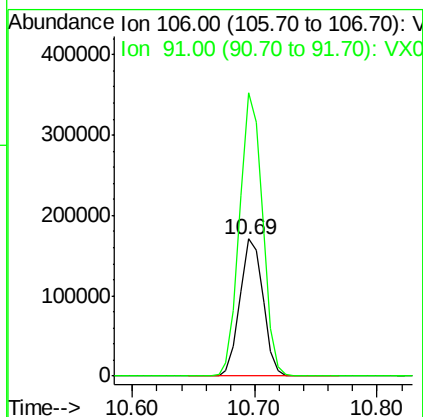
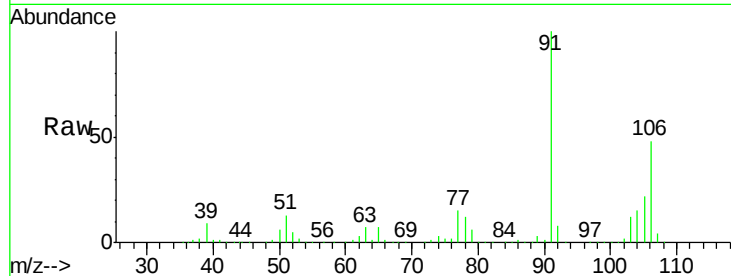
#69
o-Xylene
Concen: 49.248 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 223652
Ion Ratio Lower Upper
106 100
91 204.3 102.7 308.1

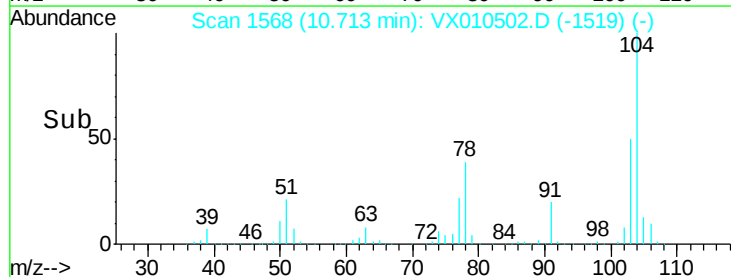
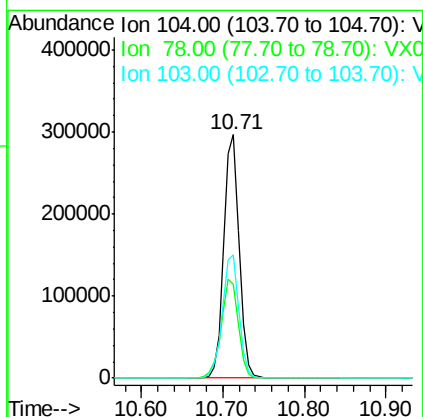
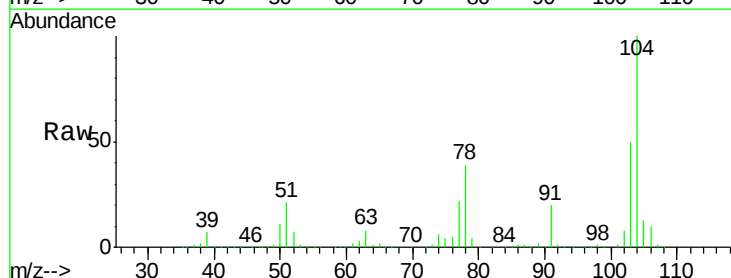
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#70
Styrene
Concen: 50.714 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion:104 Resp: 386238
Ion Ratio Lower Upper
104 100
78 45.9 36.2 54.2
103 55.2 44.2 66.4





#71

Bromoform

Concen: 50.181 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 112213

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.3

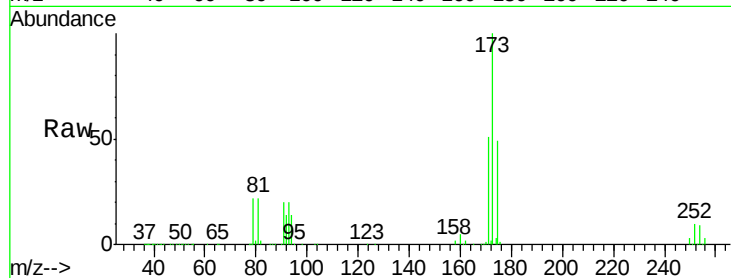
254 0.2 0.2 0.2

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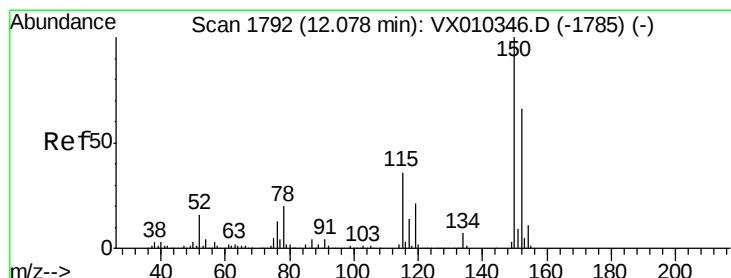
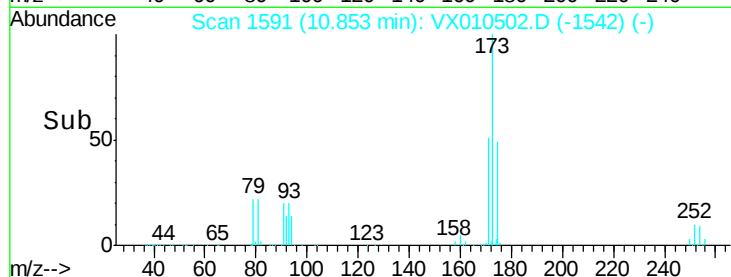
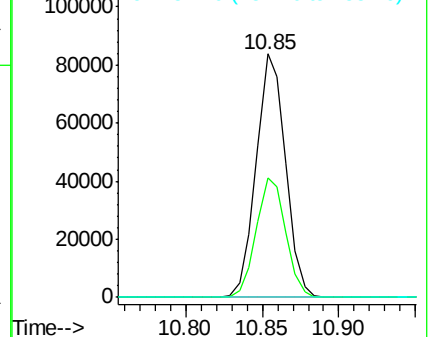
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

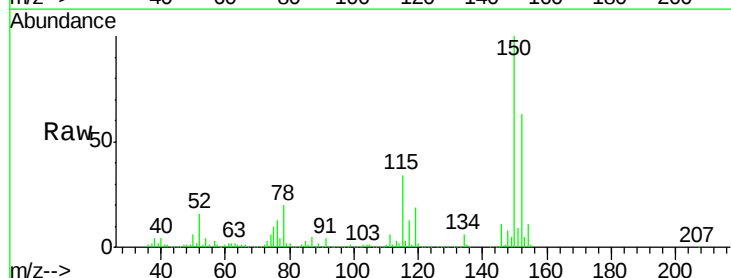
Tgt Ion:152 Resp: 178222

Ion Ratio Lower Upper

152 100

115 76.6 38.6 115.7

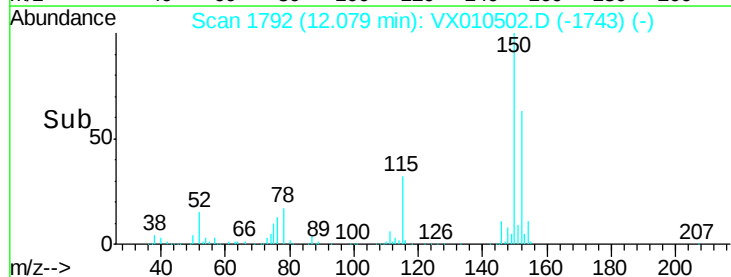
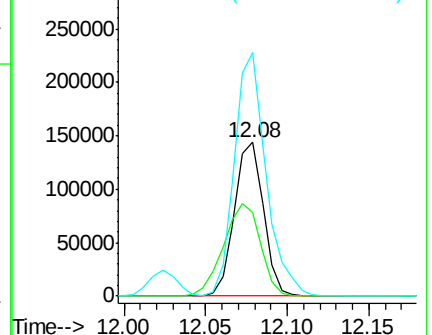
150 171.7 0.0 347.4

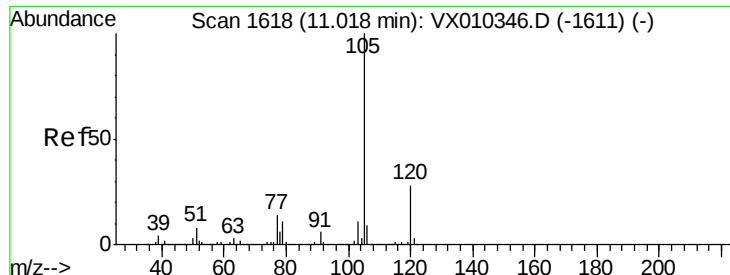


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





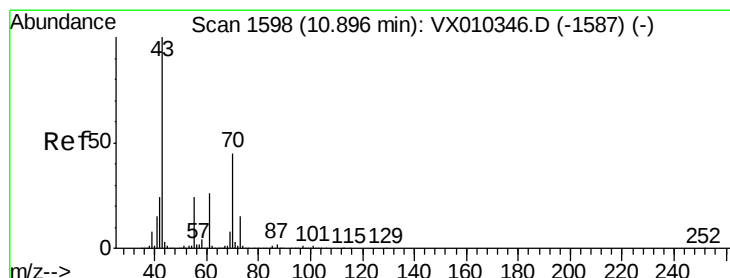
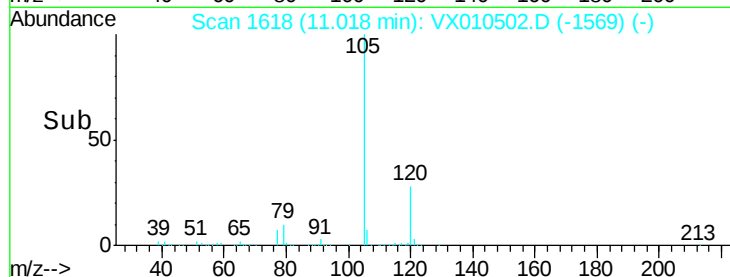
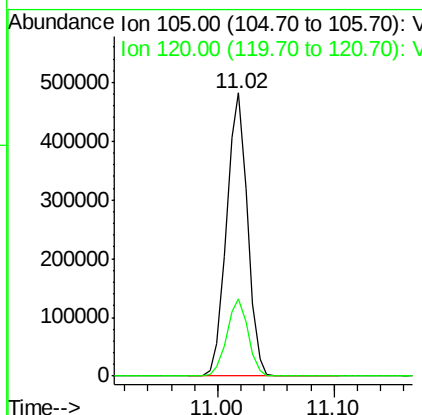
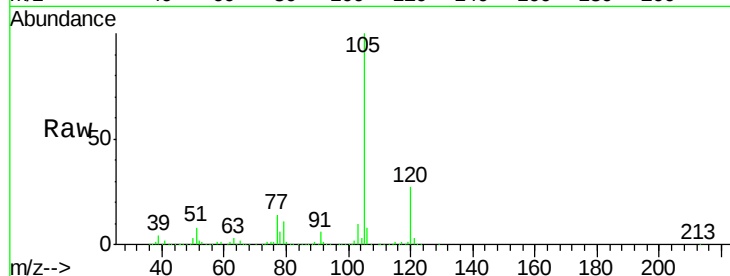
#73
Isopropylbenzene
Concen: 49.535 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.7	14.1	42.4

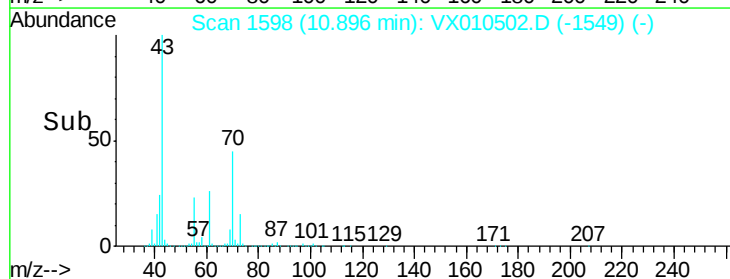
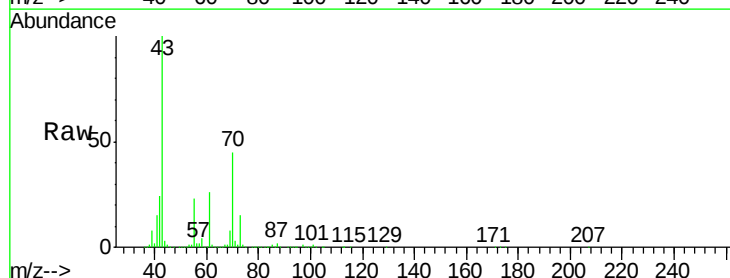
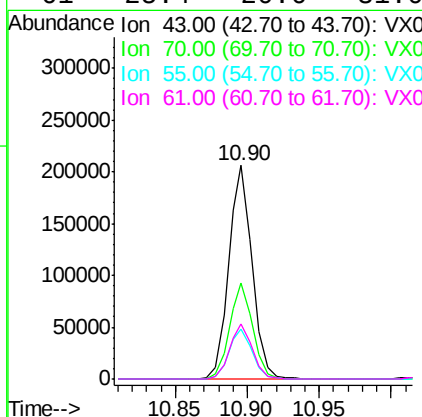
Manual Integrations
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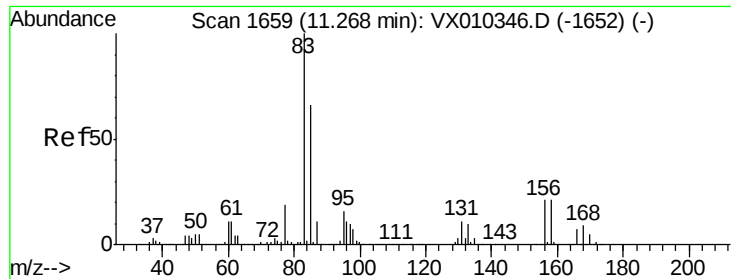
MMDadoda
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#74
N-ethyl acetate
Concen: 51.287 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.7	36.6	54.8
55	23.8	18.7	28.1
61	25.4	20.6	31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.871 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

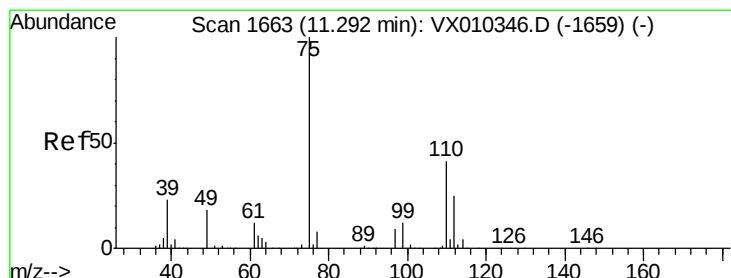
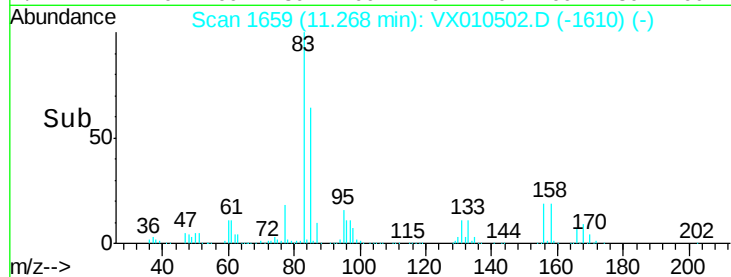
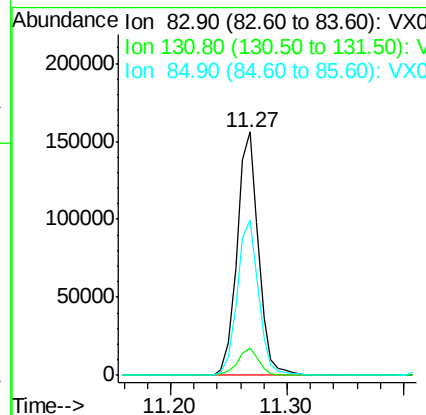
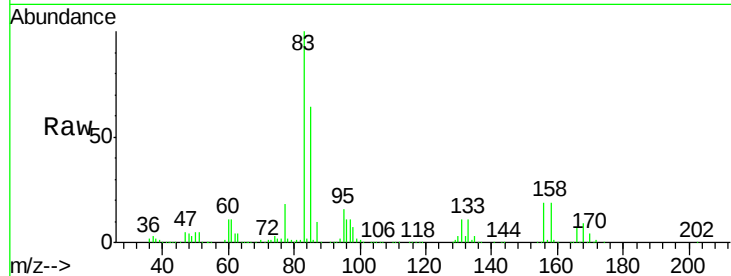
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	199535
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.4
85	64.1	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 49.755 ug/l m

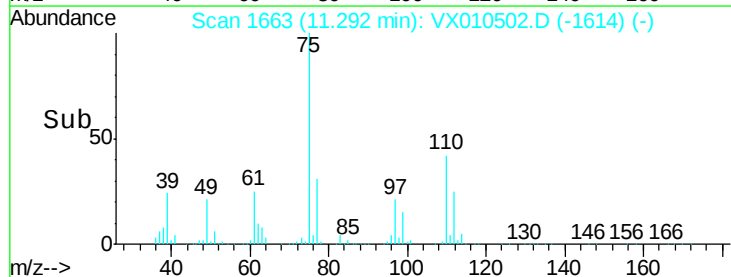
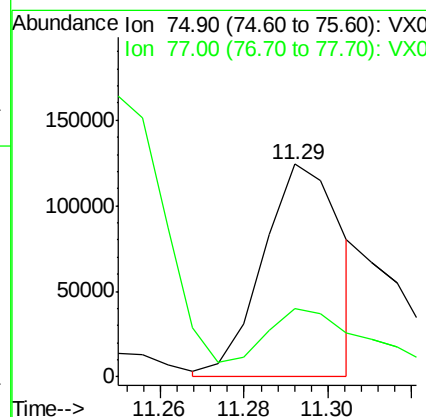
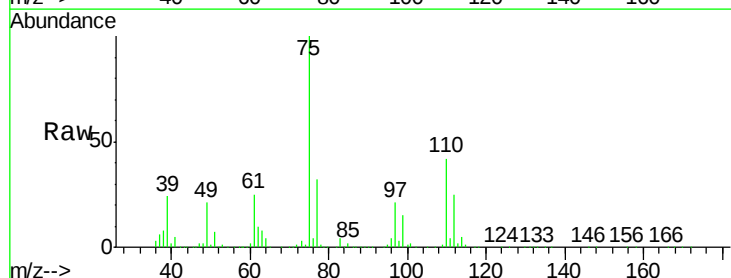
RT: 11.29 min Scan# 1663

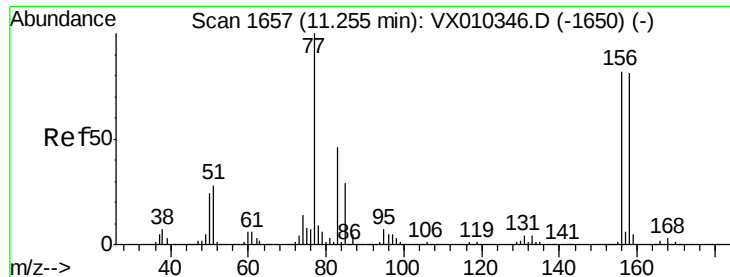
Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Tgt Ion:	75	Resp:	161589
Ion Ratio	Lower	Upper	
75	100		
77	43.7	22.6	67.8





#77

Bromobenzene

Concen: 48.675 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 164203

Ion Ratio Lower Upper

156 100

77 131.3 66.3 198.7

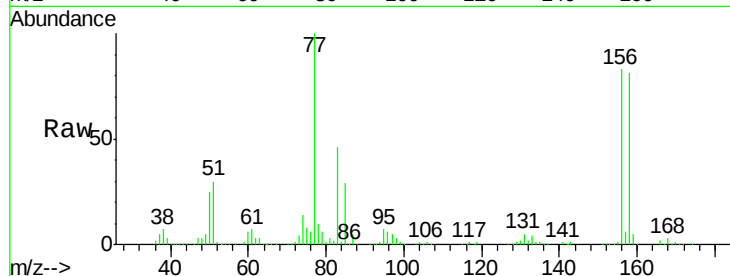
158 97.8 48.9 146.7

Manual Integrations

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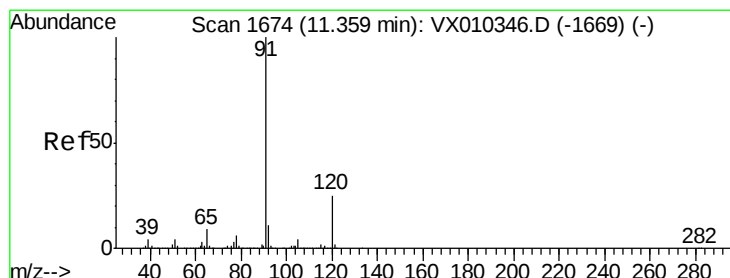
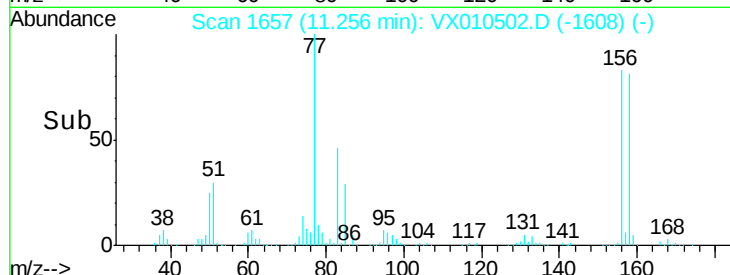
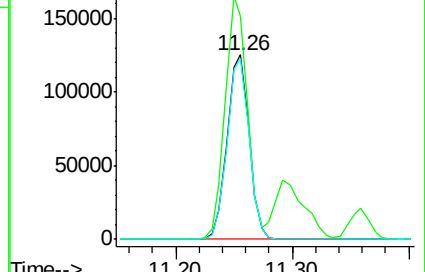
6/28/2019 10:38:45 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.342 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010502.D

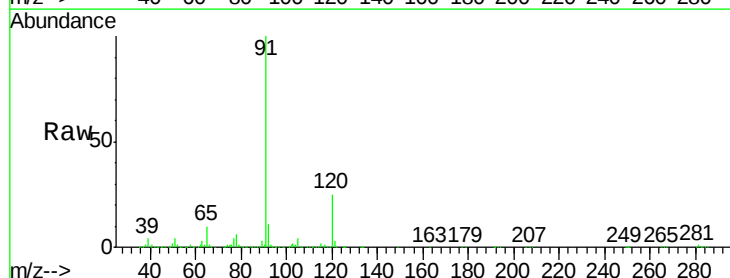
Acq: 27 Jun 2019 20:23

Tgt Ion: 91 Resp: 655149

Ion Ratio Lower Upper

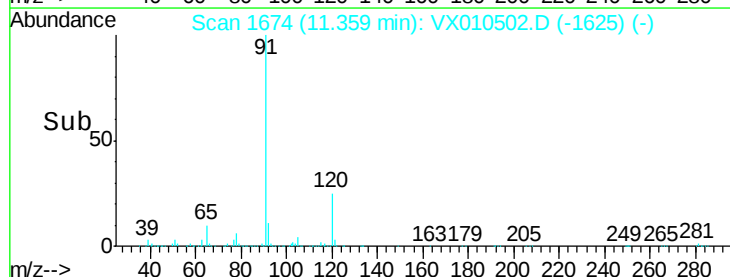
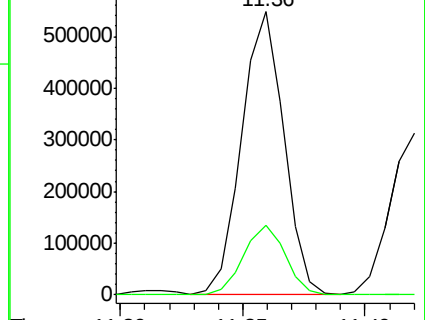
91 100

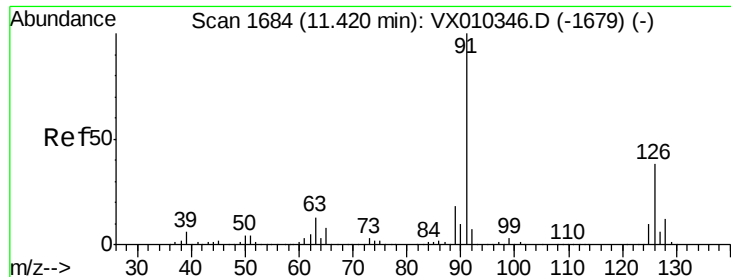
120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.920 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 386793

Ion Ratio Lower Upper

91 100

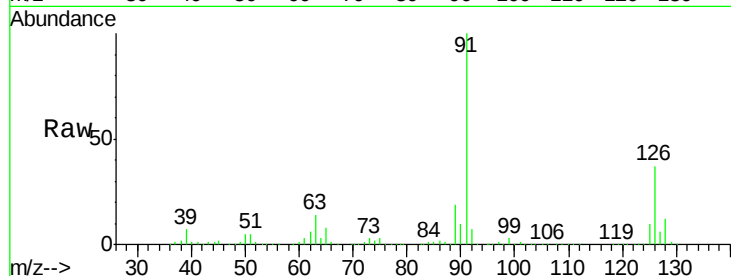
126 37.5 18.7 56.1

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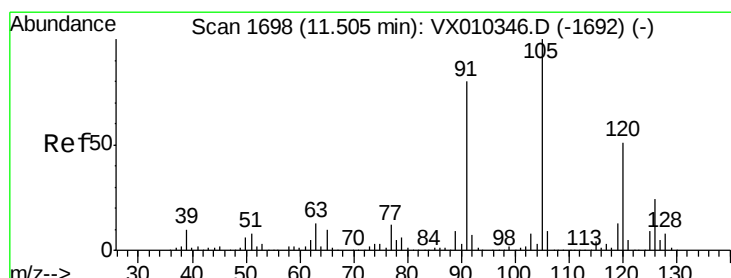
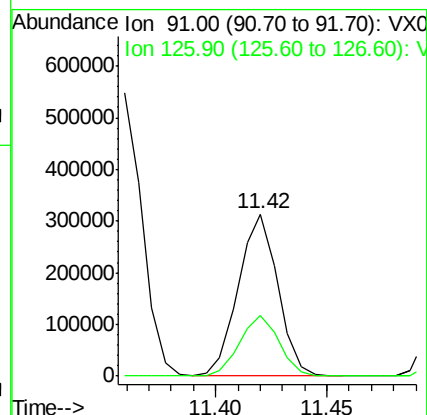
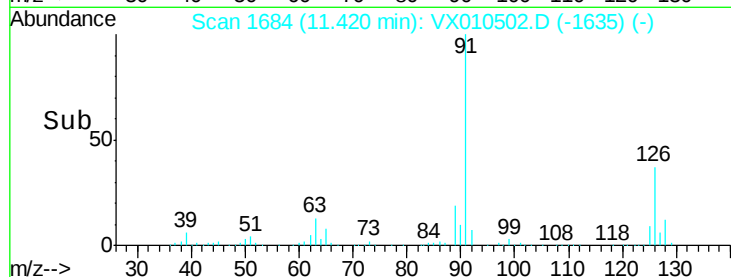
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Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010346.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.377 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010502.D

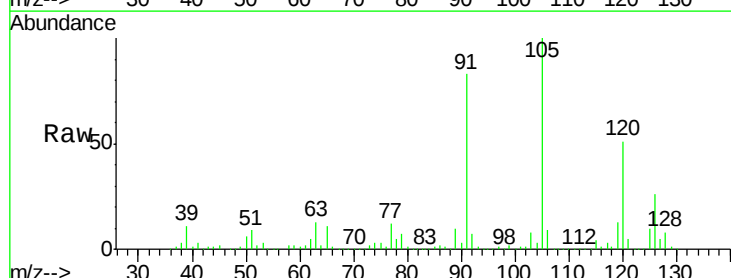
Acq: 27 Jun 2019 20:23

Tgt Ion: 105 Resp: 491777

Ion Ratio Lower Upper

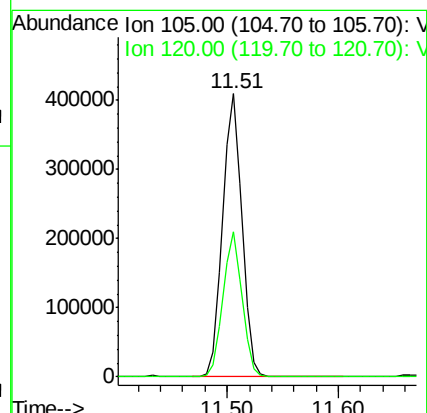
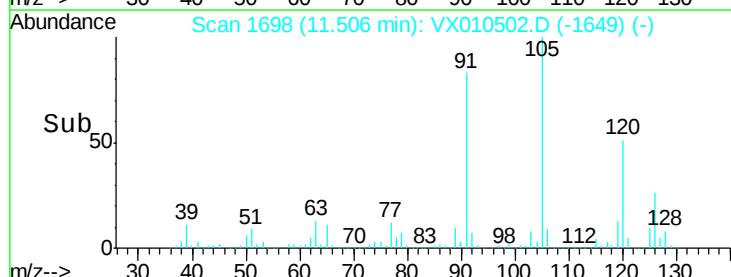
105 100

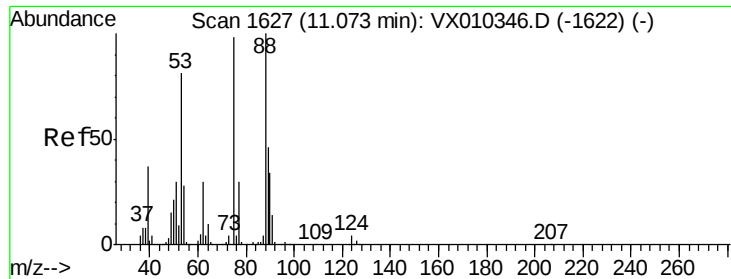
120 50.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010346.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010346.D (-1692) (-)





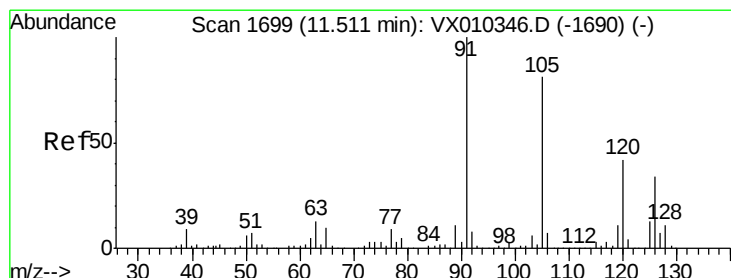
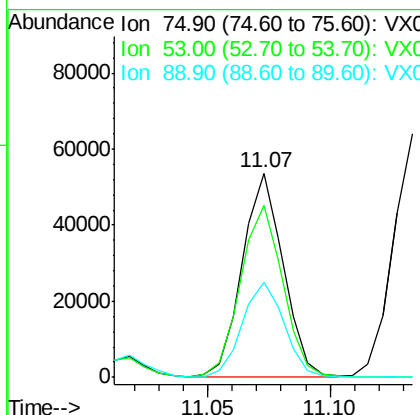
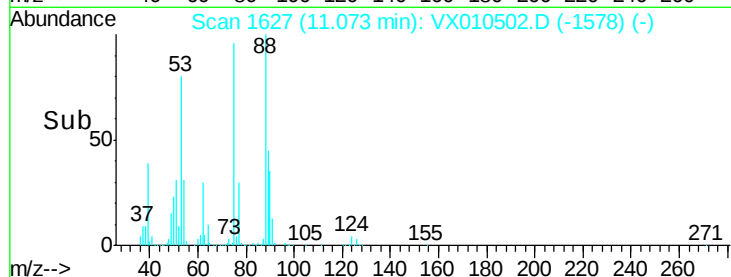
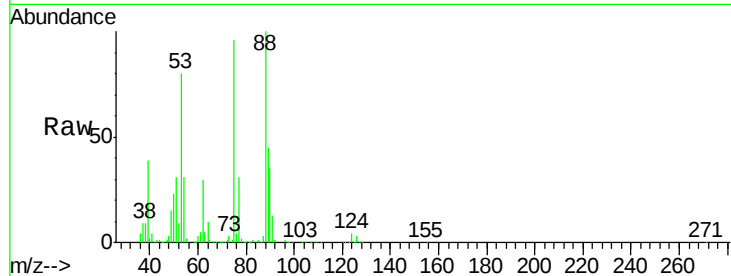
#81
trans-1,4-Dichloro-2-butene
Concen: 44.838 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.8	66.1	99.1
89	47.9	37.8	56.6

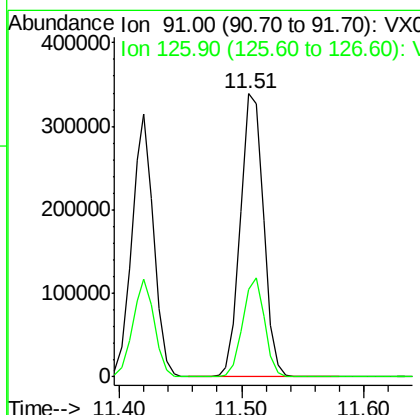
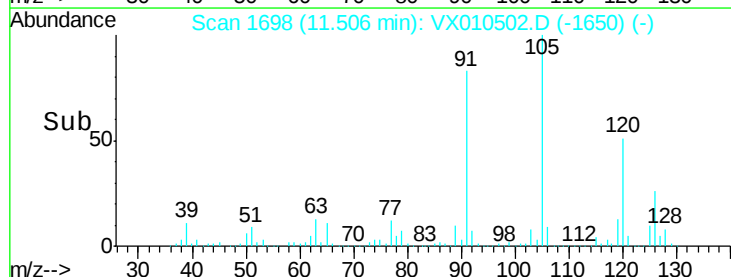
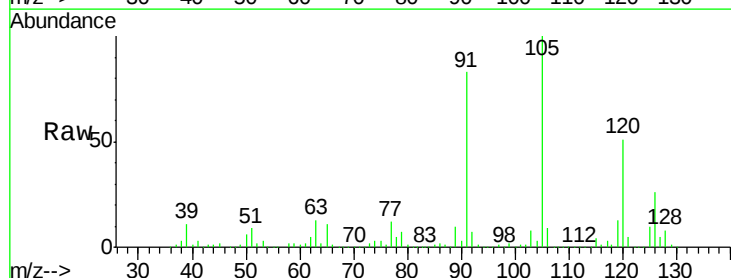
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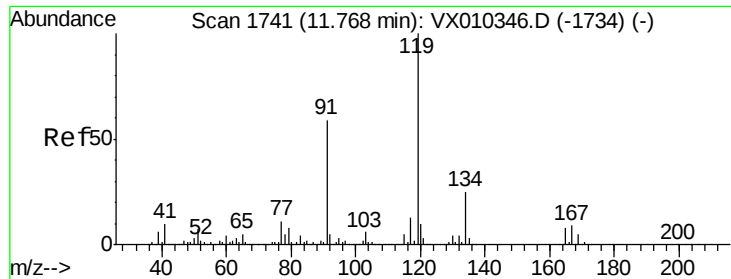
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#82
4-Chlorotoluene
Concen: 49.148 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.2	48.6





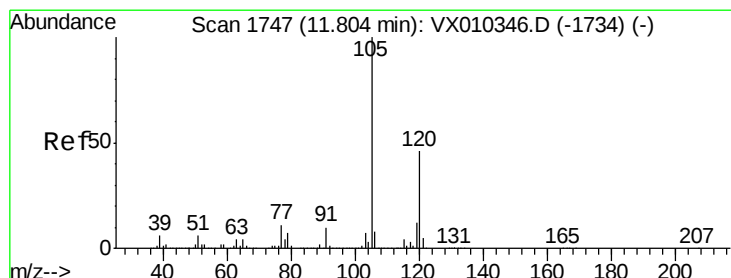
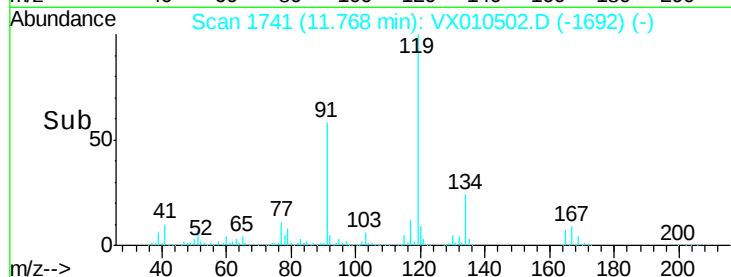
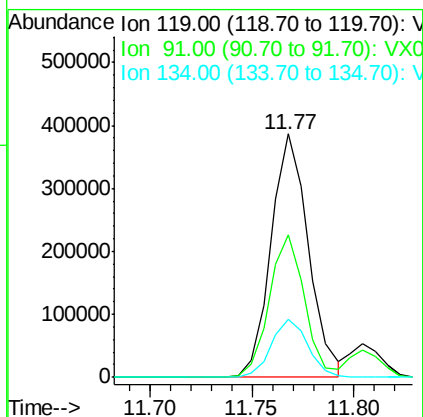
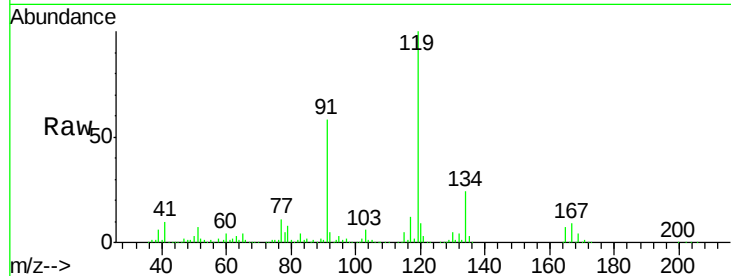
#83
tert-Butylbenzene
Concen: 49.471 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.5	27.6	82.7
134	23.5	11.8	35.4

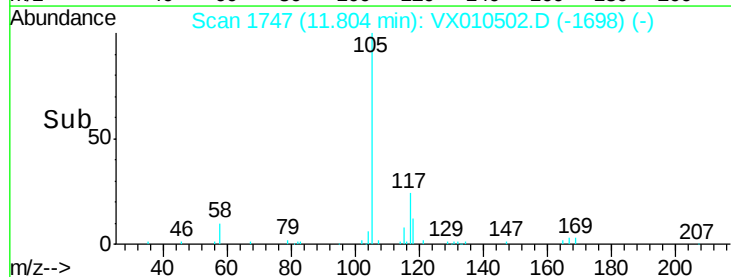
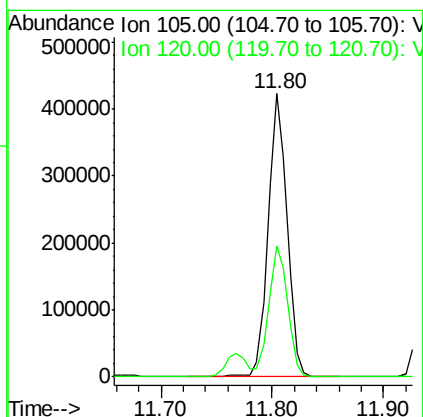
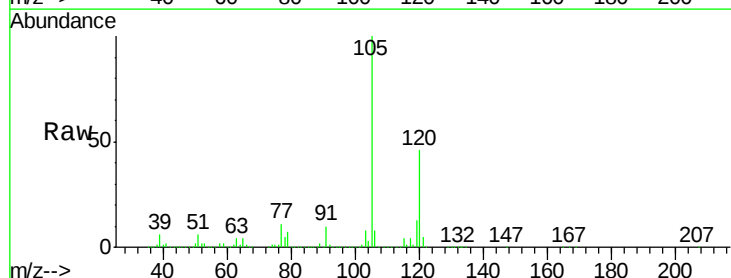
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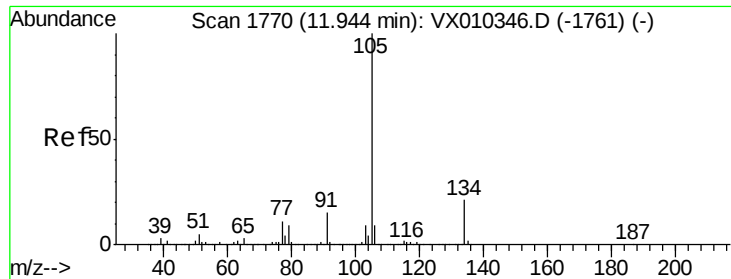
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#84
1,2,4-Trimethylbenzene
Concen: 50.375 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 49.947 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 586231

Ion Ratio Lower Upper

105 100

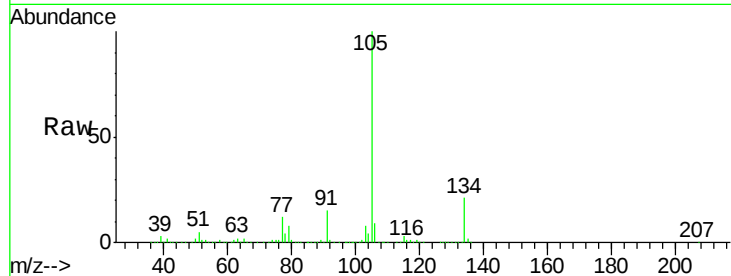
134 21.0 10.7 31.9

Manual Integrations

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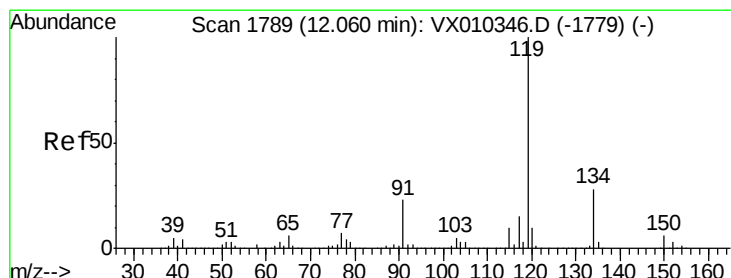
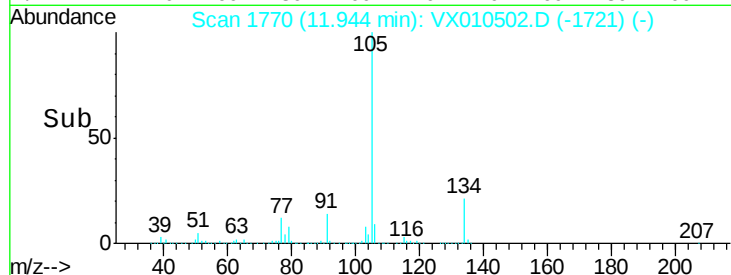
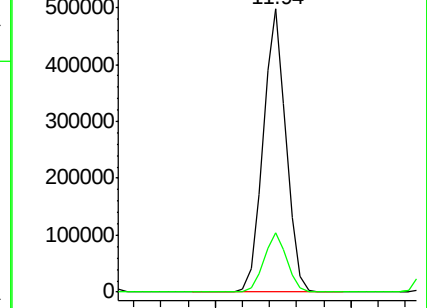
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.530 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

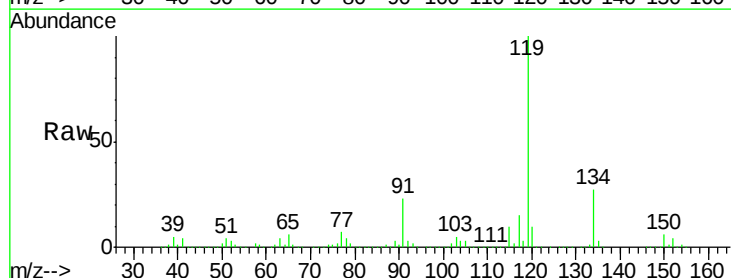
Tgt Ion:119 Resp: 537709

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

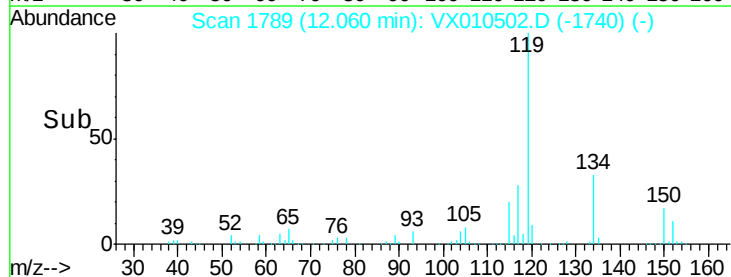
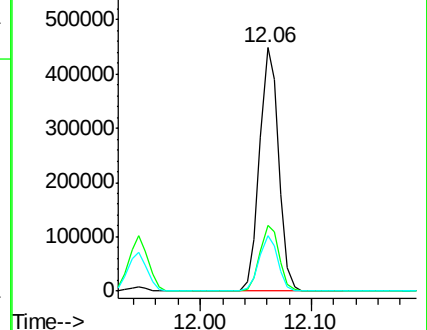
91 22.4 11.3 33.8

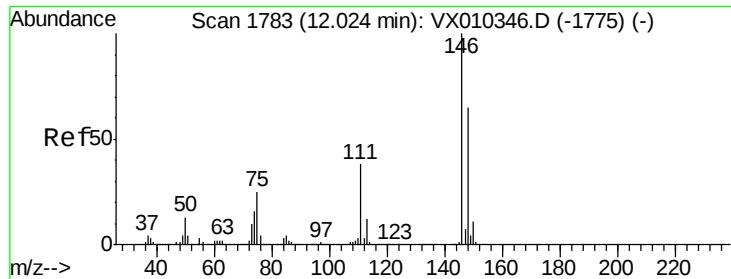


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





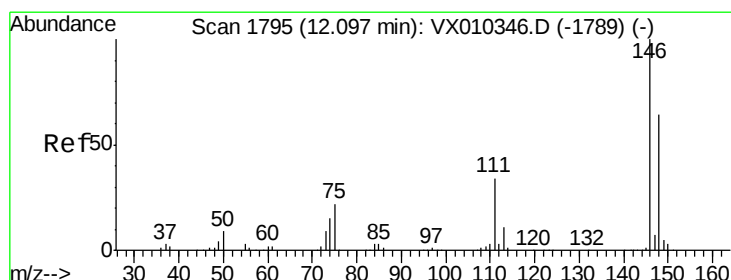
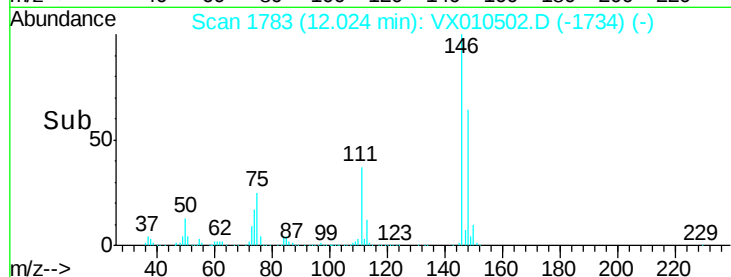
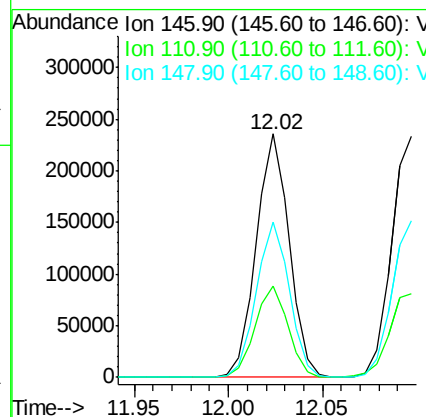
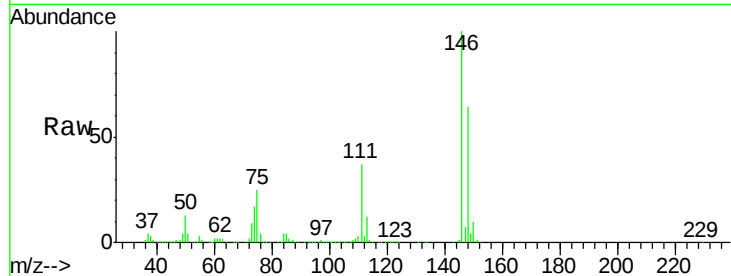
#87
 1,3-Dichlorobenzene
 Concen: 48.534 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	63.8	32.5	97.4

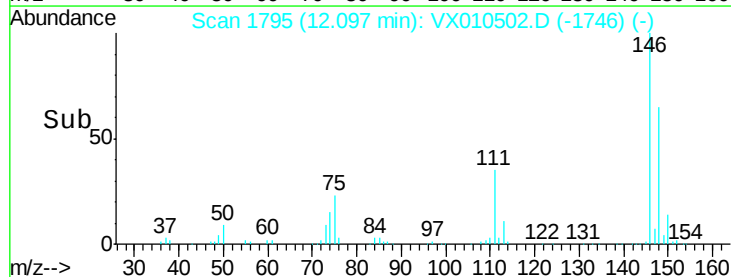
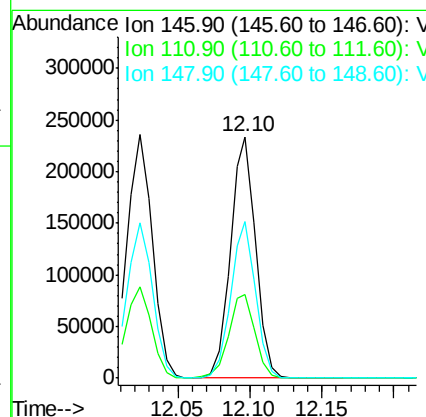
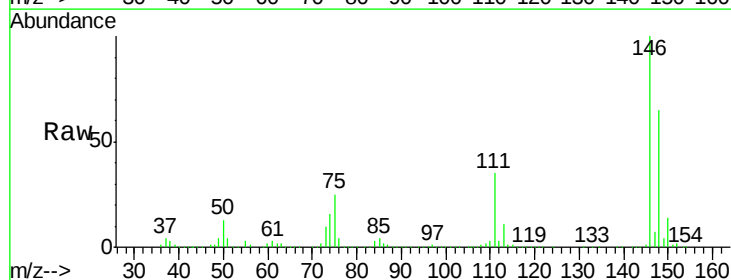
Manual Integrations
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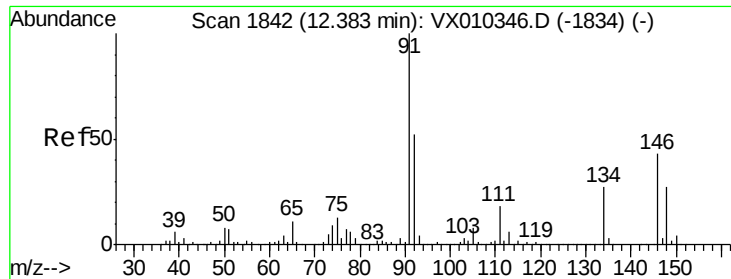
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#88
 1,4-Dichlorobenzene
 Concen: 47.703 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.3
148	64.0	32.1	96.3





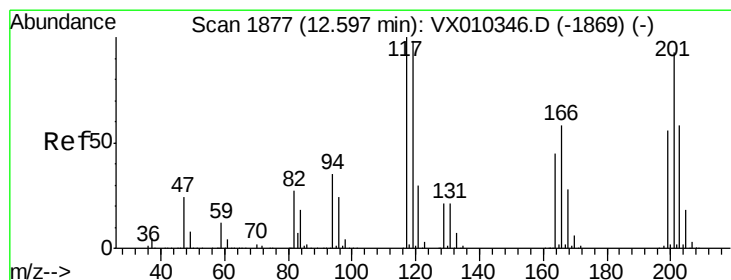
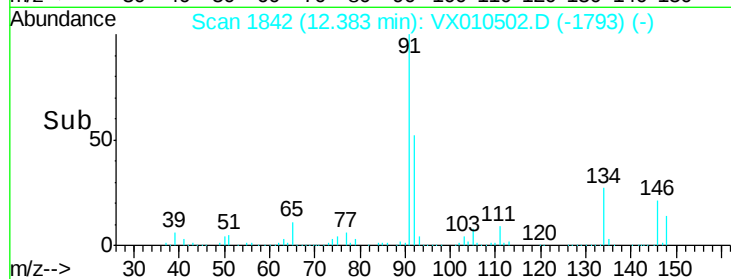
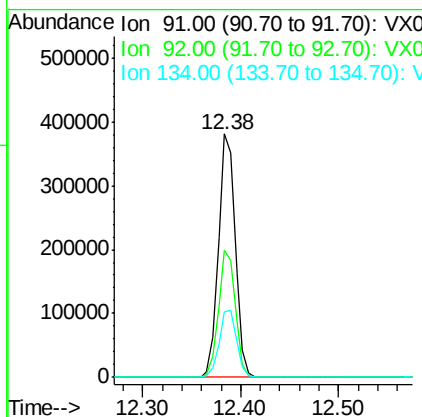
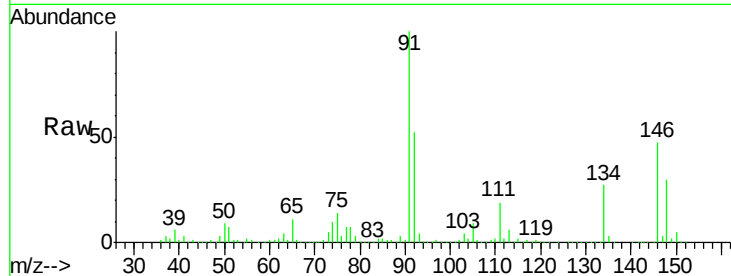
#89
n-Butylbenzene
Concen: 49.178 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	52.2	26.2	78.5	
134	28.3	14.1	42.4	

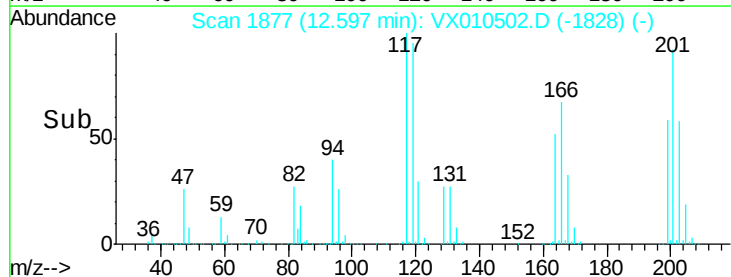
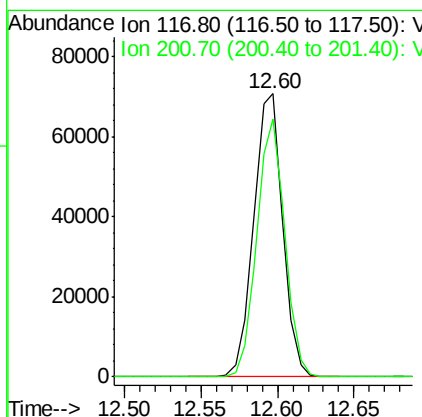
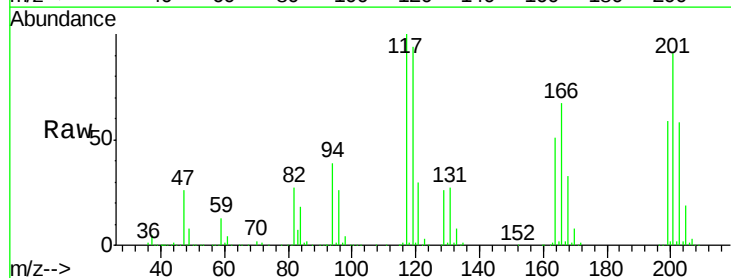
Manual Integrations
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#90
Hexachloroethane
Concen: 49.635 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	88.1	44.0	131.8	





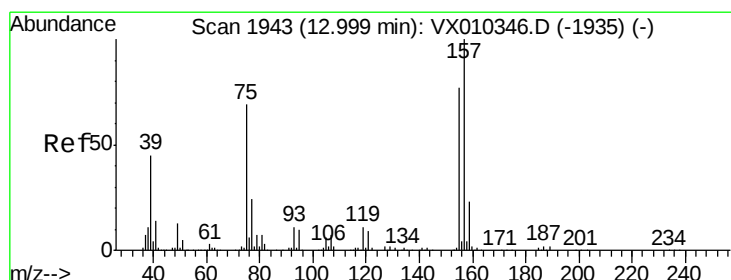
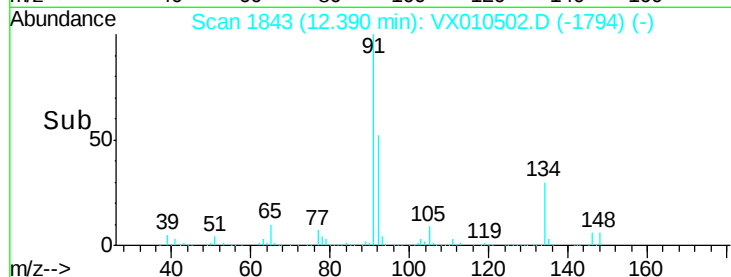
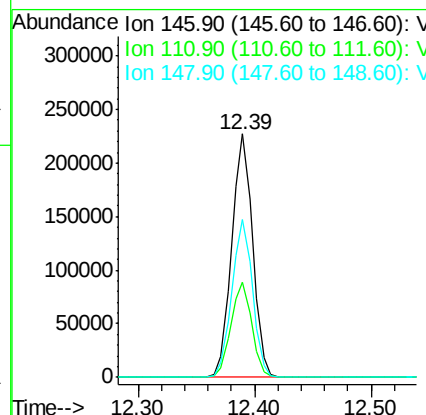
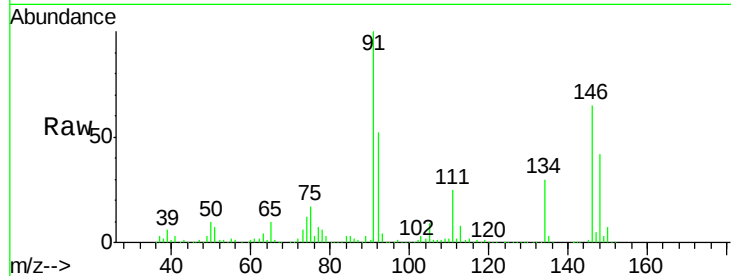
#91
 1,2-Dichlorobenzene
 Concen: 48.203 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	64.3	32.0	96.0

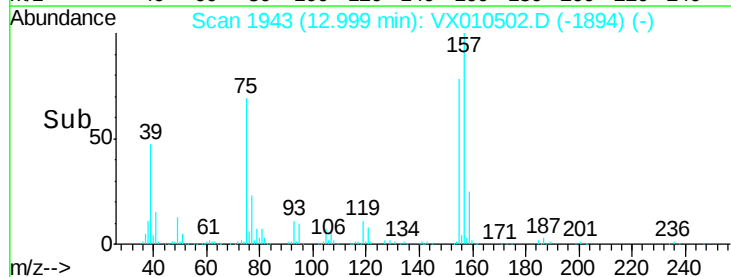
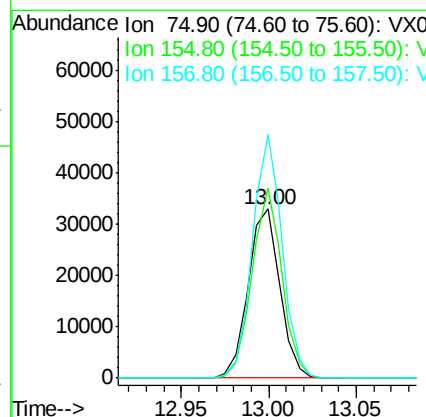
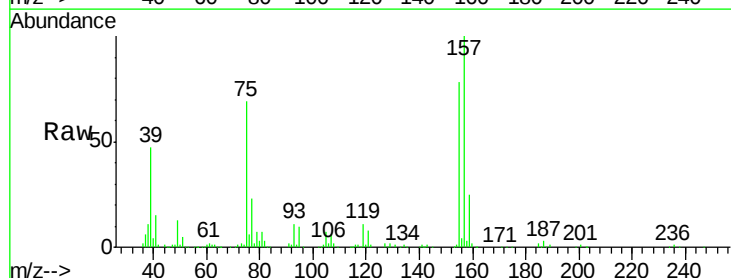
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.940 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.4	54.4	163.1
157	135.2	69.5	208.3





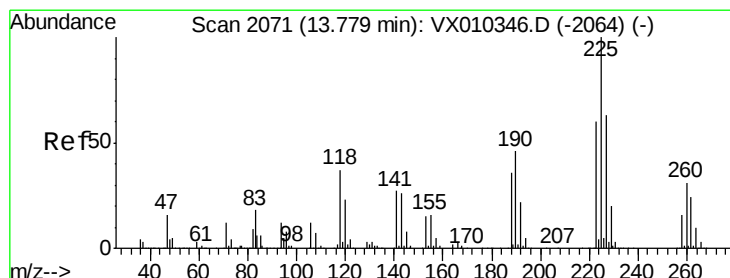
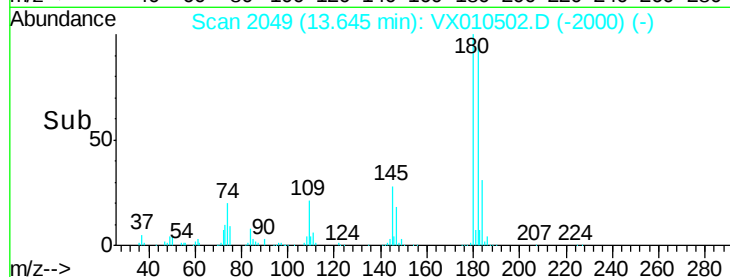
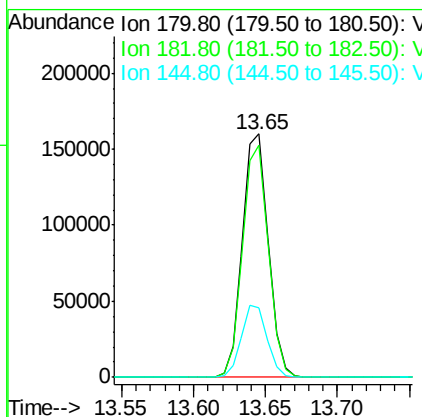
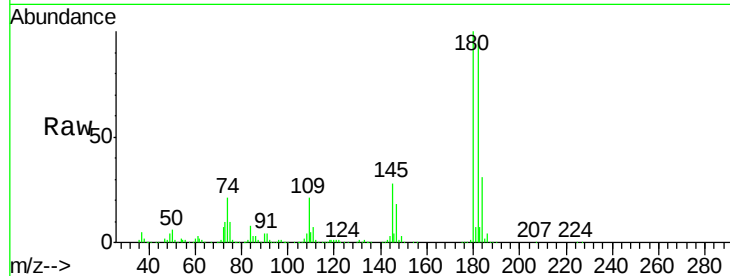
#93
 1,2,4-Trichlorobenzene
 Concen: 49.174 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	199577		
182	94.8	48.0	144.0	
145	29.6	14.4	43.4	

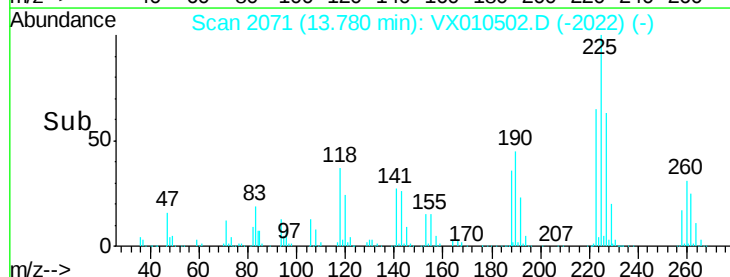
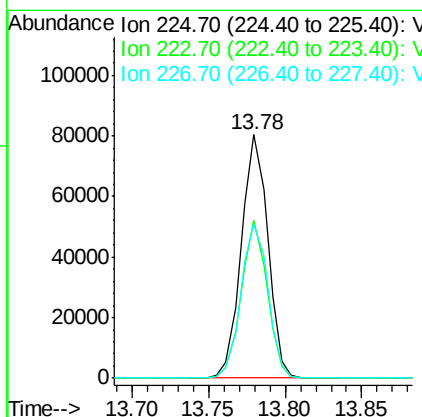
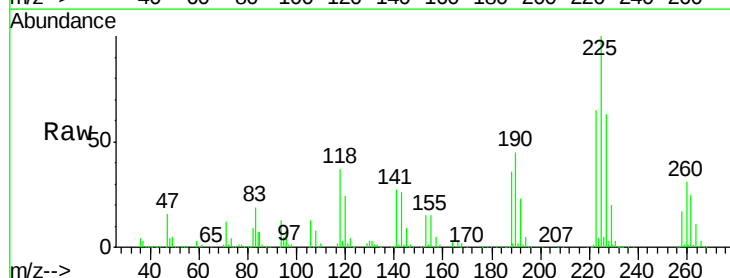
Manual Integrations
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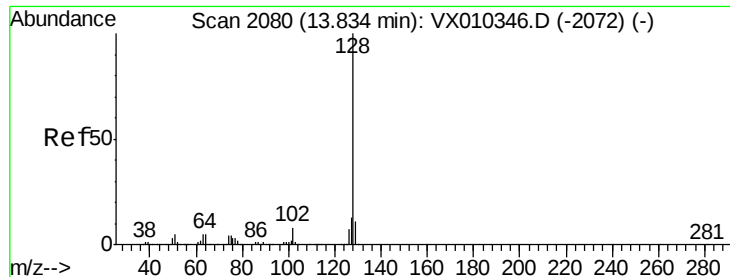
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#94
 Hexachlorobutadiene
 Concen: 48.597 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010502.D
 Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	96396		
223	63.3	30.9	92.7	
227	64.6	31.9	95.5	





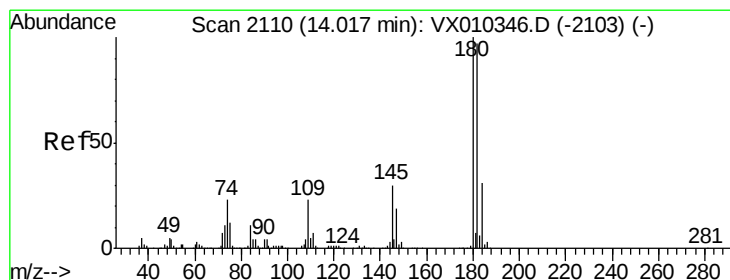
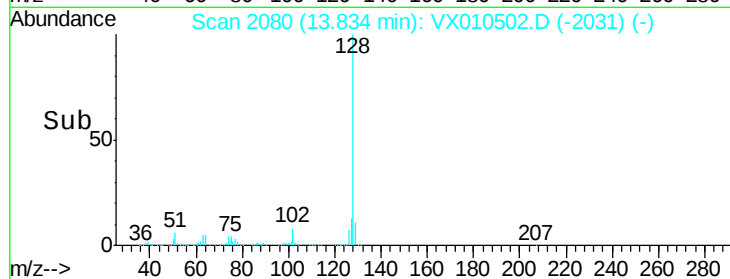
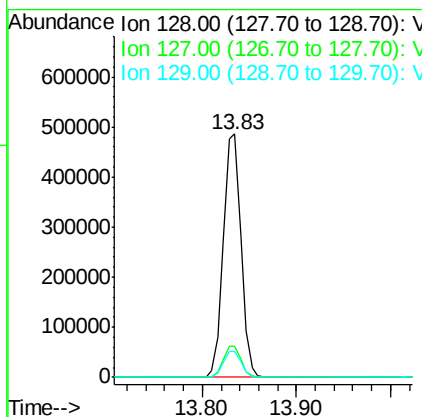
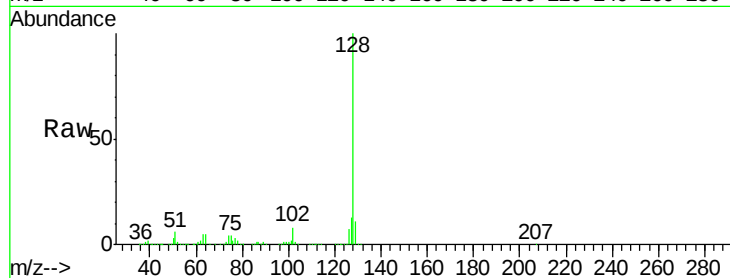
#95
Naphthalene
Concen: 50.509 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.494 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010502.D
Acq: 27 Jun 2019 20:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.8	143.3
145	30.5	15.2	45.6

