

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002294.D
 Acq On : 05 Jun 2018 07:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:14 PM

Quant Time: Jun 05 08:01:36 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	391620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238260	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181599	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	5.51	113	141275	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	
50) Toluene-d8	8.72	98	543970	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
62) 4-Bromofluorobenzene	11.14	95	208403	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	148832	53.419	ug/l	100
3) Chloromethane	1.32	50	168952	53.102	ug/l	98
4) Vinyl Chloride	1.41	62	182198	51.888	ug/l	99
5) Bromomethane	1.64	94	112764	57.230	ug/l	99
6) Chloroethane	1.72	64	114018	50.197	ug/l	100
7) Trichlorofluoromethane	1.93	101	293176	54.799	ug/l	96
8) Diethyl Ether	2.19	74	104796	55.378	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	158665	54.956	ug/l	99
10) Methyl Iodide	2.51	142	218349	53.769	ug/l	100
11) Tert butyl alcohol	3.08	59	210824	269.980	ug/l	99
12) 1,1-Dichloroethene	2.37	96	146585	51.375	ug/l	99
13) Acrolein	2.30	56	100387	264.355	ug/l	98
14) Allyl chloride	2.73	41	285380	46.089	ug/l	99
15) Acrylonitrile	3.15	53	444541	273.436	ug/l	100
16) Acetone	2.45	43	417485	253.548	ug/l	100
17) Carbon Disulfide	2.57	76	367242	48.835	ug/l	99
18) Methyl Acetate	2.78	43	211241	55.302	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	543085	54.893	ug/l	100
20) Methylene Chloride	2.86	84	166116	55.097	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	157141	49.943	ug/l	99
22) Diisopropyl ether	3.88	45	532400	51.512	ug/l	99
23) Vinyl Acetate	3.83	43	2276940	226.836	ug/l	99
24) 1,1-Dichloroethane	3.70	63	302276	49.393	ug/l	99
25) 2-Butanone	4.71	43	595301	226.531	ug/l	99
26) 2,2-Dichloropropane	4.59	77	150467	31.453	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	162521	47.495	ug/l	93
28) Bromochloromethane	5.03	49	137919	53.218	ug/l	97
29) Tetrahydrofuran	5.17	42	393356	232.163	ug/l	99
30) Chloroform	5.22	83	286736	48.555	ug/l	98
31) Cyclohexane	5.58	56	253096	52.300	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	252260	50.369	ug/l	100
36) 1,1-Dichloropropene	5.81	75	207066	50.295	ug/l	100
37) Ethyl Acetate	4.87	43	240160	48.506	ug/l	100
38) Carbon Tetrachloride	5.79	117	221311	51.383	ug/l	99

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Quant Time: Jun 05 08:01:36 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	250282	49.210	ug/l	98
40) Benzene	6.15	78	627802	49.733	ug/l	99
41) Methacrylonitrile	5.07	41	134085	47.307	ug/l	98
42) 1,2-Dichloroethane	6.20	62	244062	48.662	ug/l	100
43) Isopropyl Acetate	6.47	43	399586	47.515	ug/l	100
44) Trichloroethene	7.22	130	180318	51.468	ug/l	98
45) 1,2-Dichloropropane	7.52	63	167618	49.185	ug/l	99
46) Dibromomethane	7.67	93	110905	48.006	ug/l	99
47) Bromodichloromethane	7.90	83	206843	49.504	ug/l	98
48) Methyl methacrylate	7.78	41	206304	48.838	ug/l	99
49) 1,4-Dioxane	7.76	88	78512	994.029	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1285481	245.457	ug/l	100
52) Toluene	8.79	92	408699	50.904	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	239023	47.703	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	222561	47.080	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	164019	49.670	ug/l	98
56) Ethyl methacrylate	9.18	69	257930	48.924	ug/l	99
57) 1,3-Dichloropropane	9.38	76	271379	48.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	601949	246.692	ug/l	100
59) 2-Hexanone	9.50	43	980274	242.333	ug/l	99
60) Dibromochloromethane	9.59	129	171737	51.705	ug/l	99
61) 1,2-Dibromoethane	9.68	107	175432	50.952	ug/l	99
64) Tetrachloroethene	9.34	164	202906	52.773	ug/l	98
65) Chlorobenzene	10.14	112	466926	50.334	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	170574	50.782	ug/l	100
67) Ethyl Benzene	10.26	91	805487	51.885	ug/l	99
68) m/p-Xylenes	10.37	106	631843	104.701	ug/l	100
69) o-Xylene	10.70	106	309805	51.587	ug/l	99
70) Styrene	10.71	104	516841	52.644	ug/l	100
71) Bromoform	10.86	173	132090	44.331	ug/l	99
73) Isopropylbenzene	11.02	105	834950	50.376	ug/l	100
74) N-amyl acetate	6.47	43	399586	44.742	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	242178	46.457	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	241183m	46.132	ug/l	
77) Bromobenzene	11.26	156	227432	48.877	ug/l	98
78) n-propylbenzene	11.37	91	953739	51.771	ug/l	100
79) 2-Chlorotoluene	11.43	91	560839	48.214	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	714273	50.243	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60145	40.327	ug/l	96
82) 4-Chlorotoluene	11.52	91	670421	49.932	ug/l	100
83) tert-Butylbenzene	11.77	119	692041	49.990	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	740465	50.599	ug/l	100
85) sec-Butylbenzene	11.95	105	858905	52.923	ug/l	100
86) p-Isopropyltoluene	12.07	119	768528	51.988	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	414973	49.877	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	416969	48.622	ug/l	99
89) n-Butylbenzene	12.39	91	655130	52.841	ug/l	100
90) Hexachloroethane	12.60	117	117878	49.953	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	420043	48.796	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55974	49.102	ug/l	99

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VSTDCCC050EC

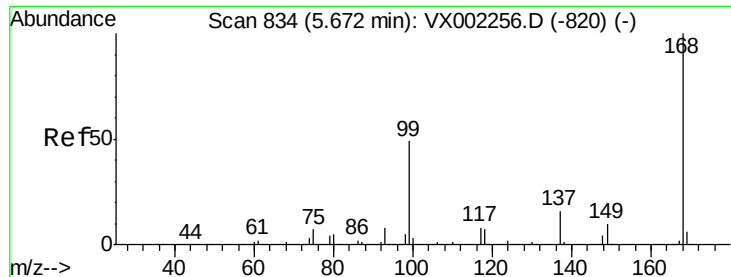
Manual Integrations
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Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	300340	49.759	ug/l	99
94) Hexachlorobutadiene	13.79	225	158768	53.230	ug/l	98
95) Naphthalene	13.84	128	870867	50.216	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	313992	51.008	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 268017

Ion Ratio Lower Upper

168 100

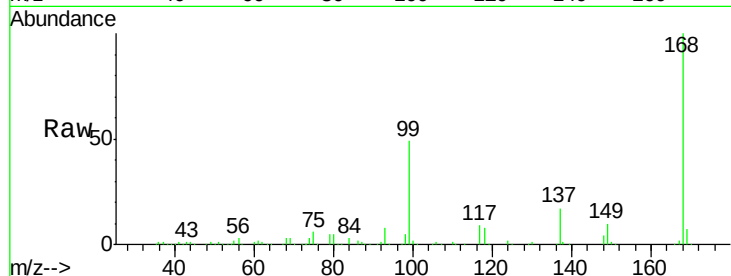
99 49.2 39.3 58.9

Manual Integrations

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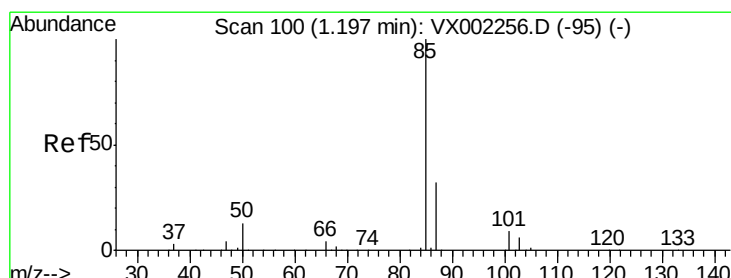
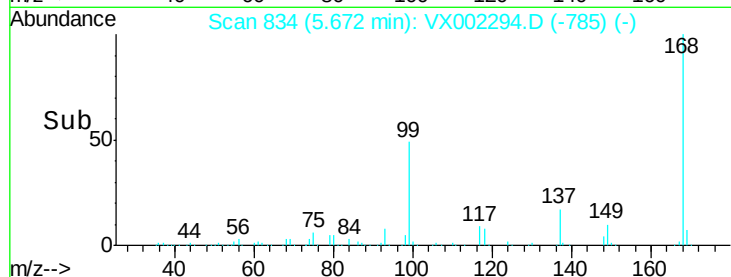
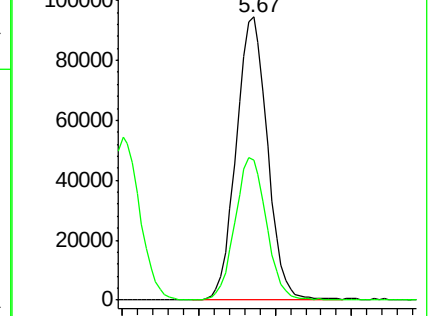
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.419 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002294.D

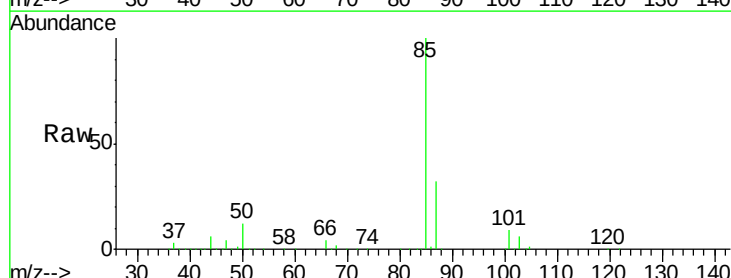
Acq: 05 Jun 2018 07:11

Tgt Ion: 85 Resp: 148832

Ion Ratio Lower Upper

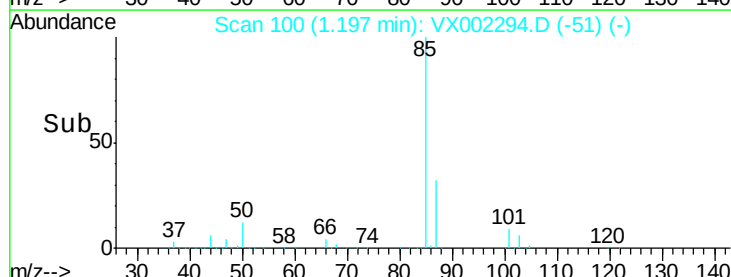
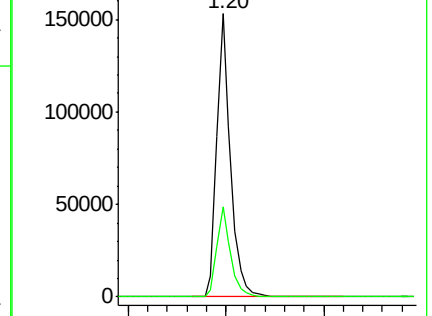
85 100

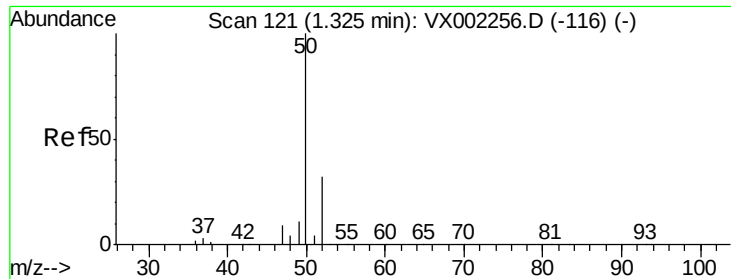
87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.102 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 168952

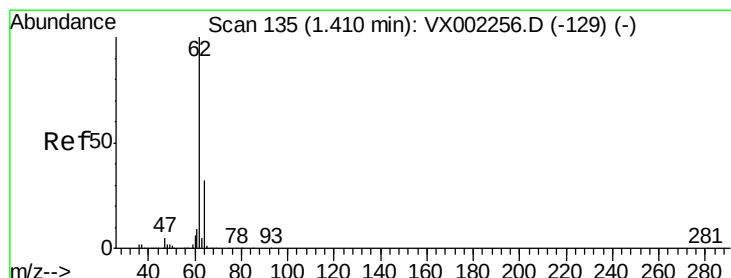
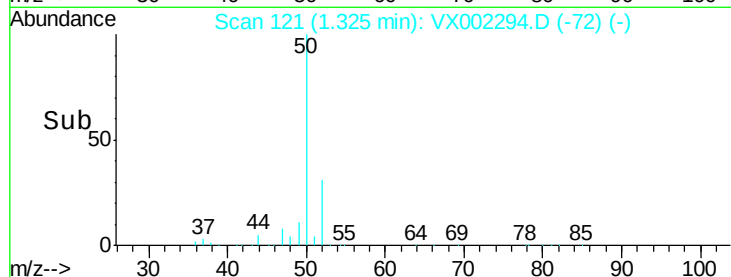
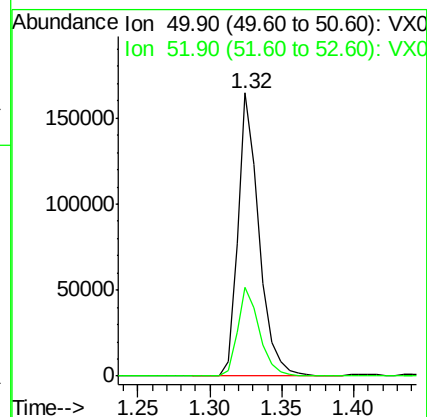
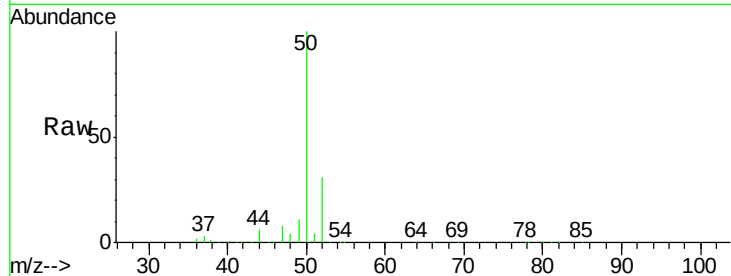
Ion Ratio Lower Upper

50 100

52 31.2 25.7 38.5

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#4

Vinyl Chloride

Concen: 51.888 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002294.D

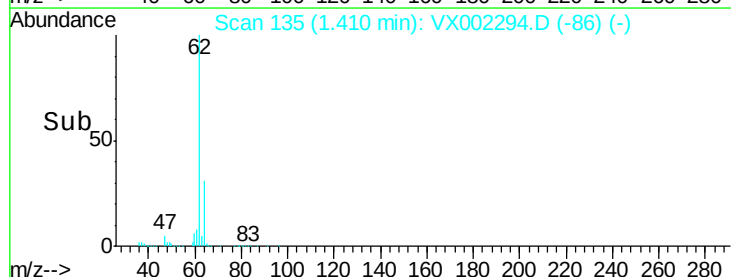
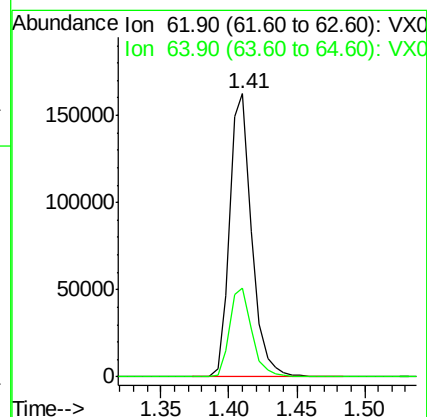
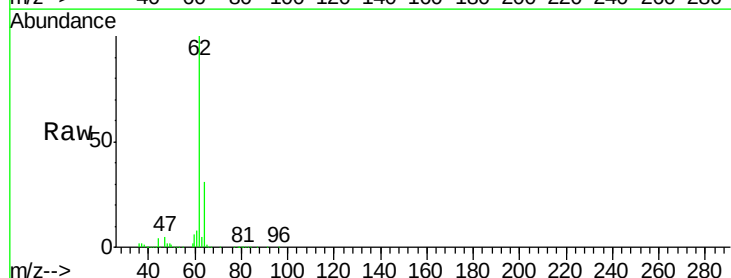
Acq: 05 Jun 2018 07:11

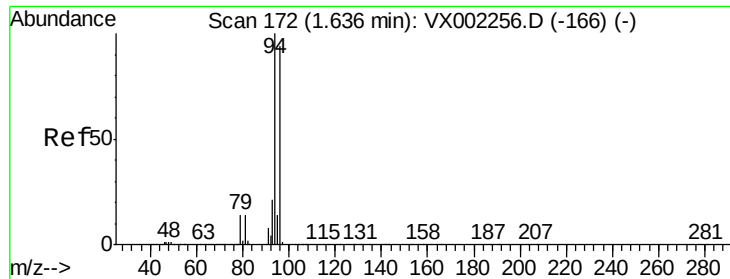
Tgt Ion: 62 Resp: 182198

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 57.230 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 112764

Ion Ratio Lower Upper

94 100

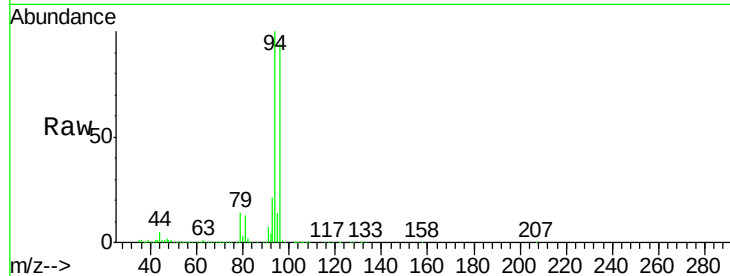
96 94.3 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

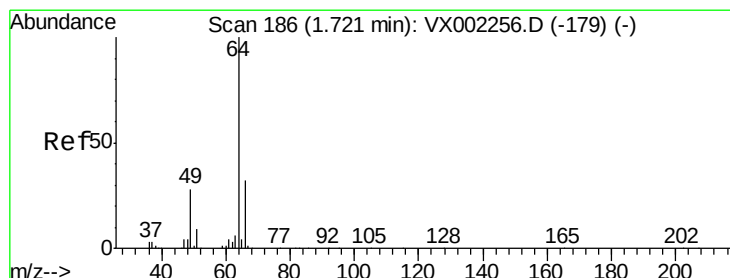
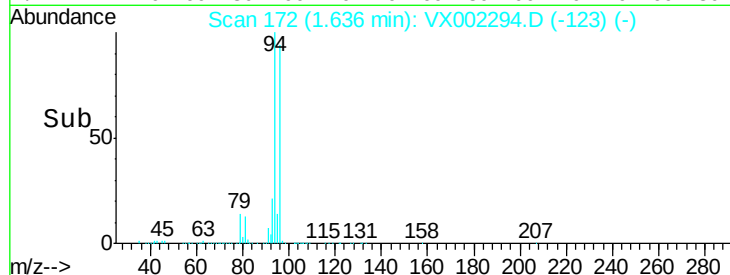
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 50.197 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002294.D

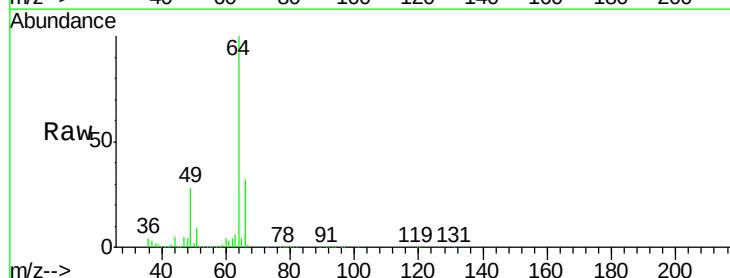
Acq: 05 Jun 2018 07:11

Tgt Ion: 64 Resp: 114018

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

100000

80000

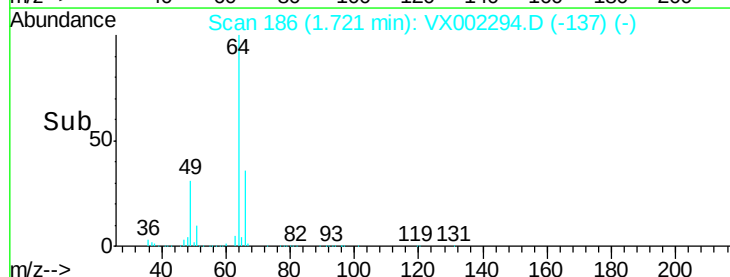
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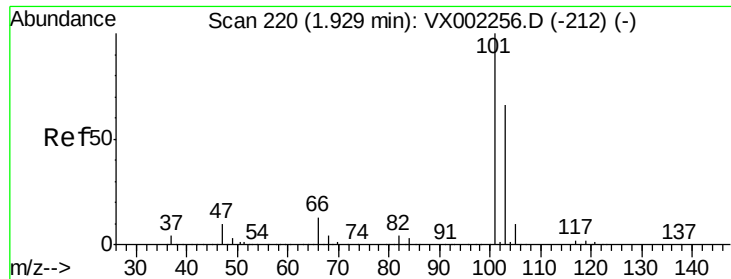
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20000

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Time-->





#7

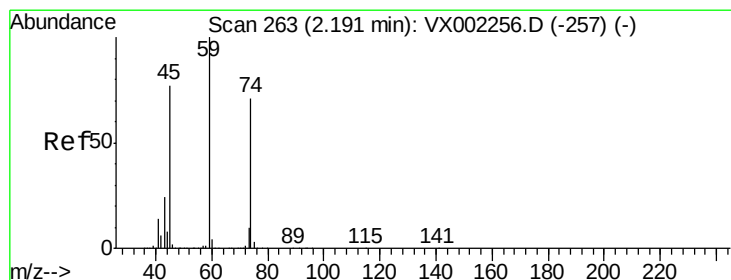
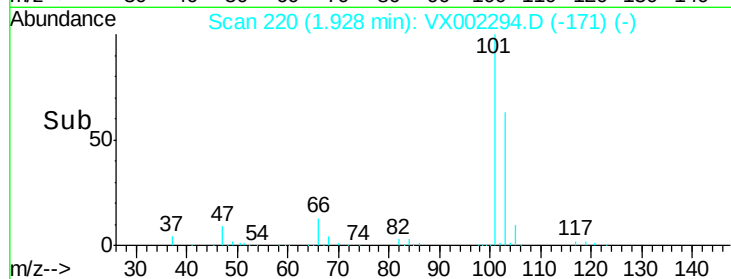
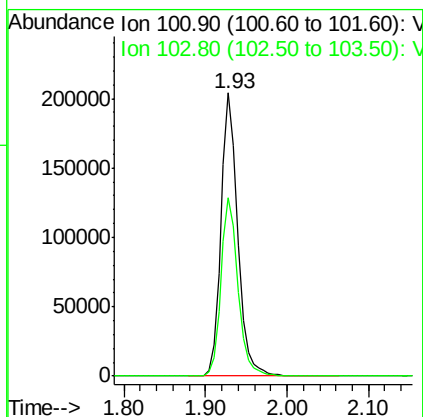
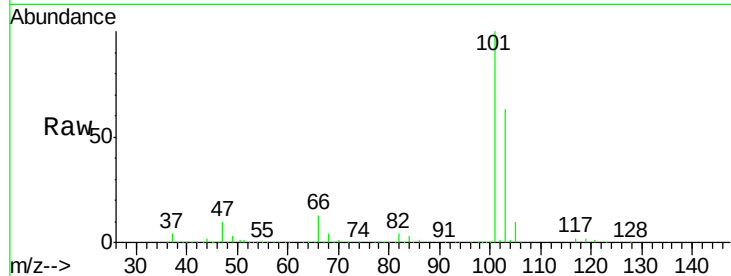
Trichlorofluoromethane
Concen: 54.799 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.8	79.2

Manual Integrations
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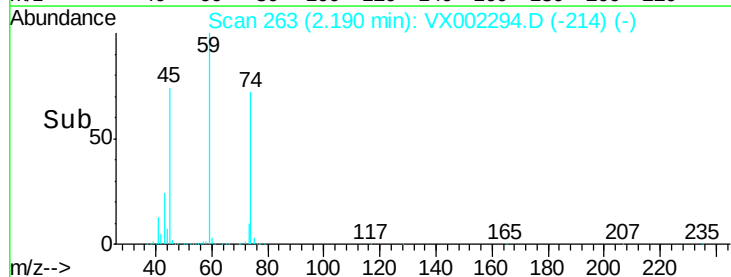
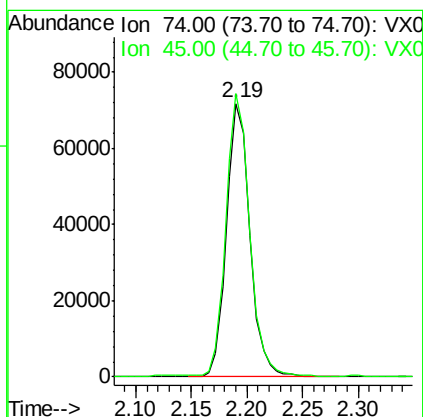
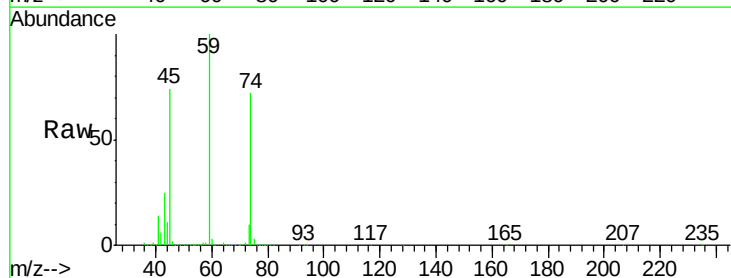
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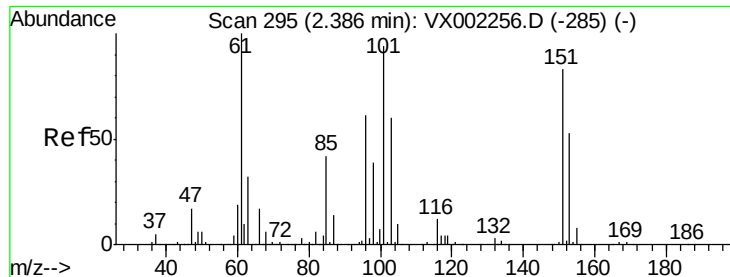


#8

Diethyl Ether
Concen: 55.378 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.6	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.956 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

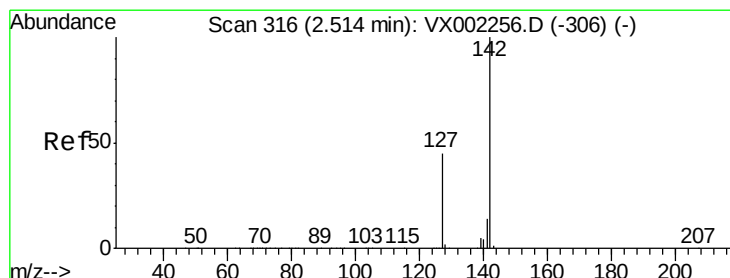
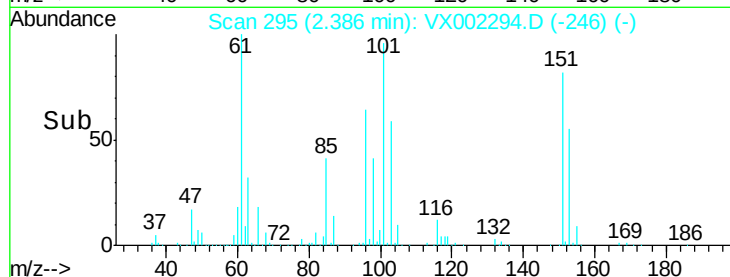
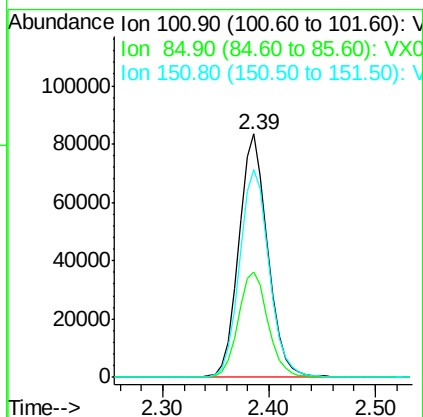
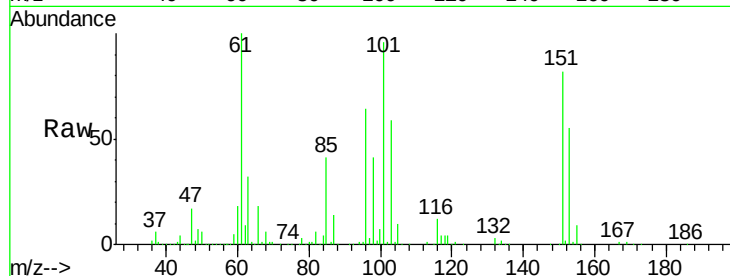
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	158665
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.0	54.0
151	87.9	70.9	106.3

Manual Integrations
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6/5/2018 5:56:14 PM



#10

Methyl Iodide

Concen: 53.769 ug/l

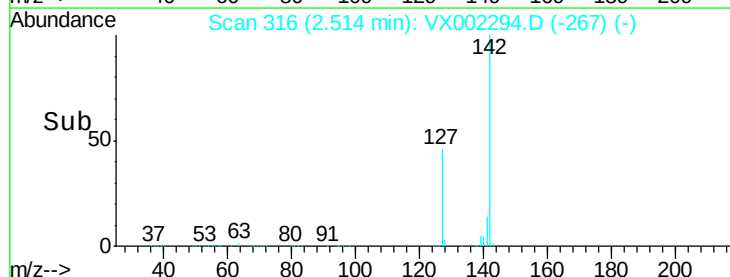
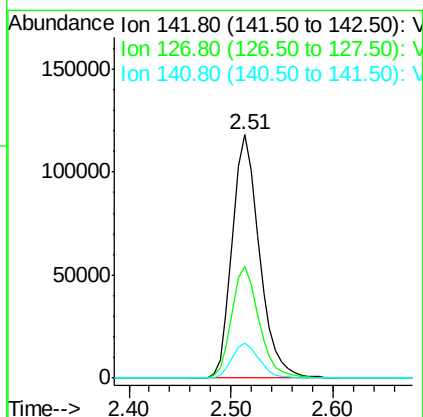
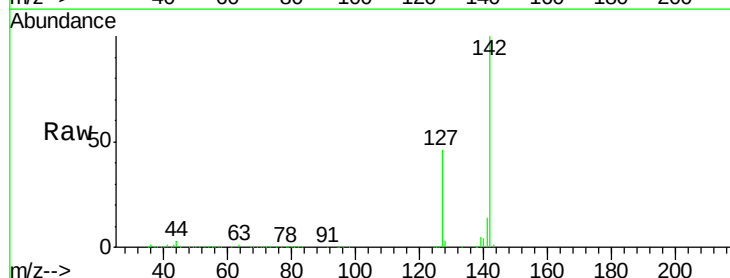
RT: 2.51 min Scan# 316

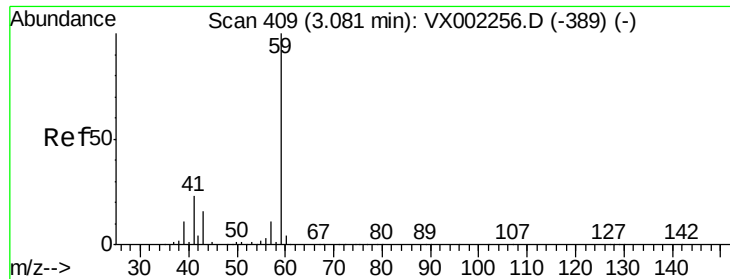
Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Tgt Ion:	142	Resp:	218349
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.6	55.0
141	14.4	11.3	16.9





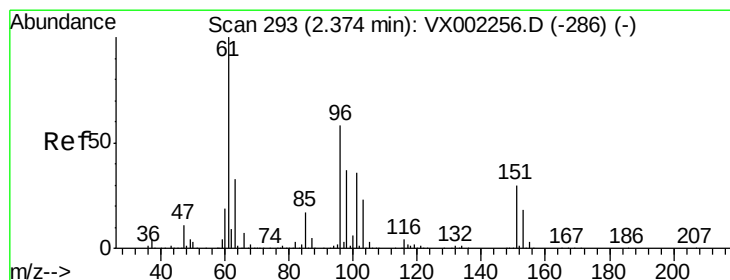
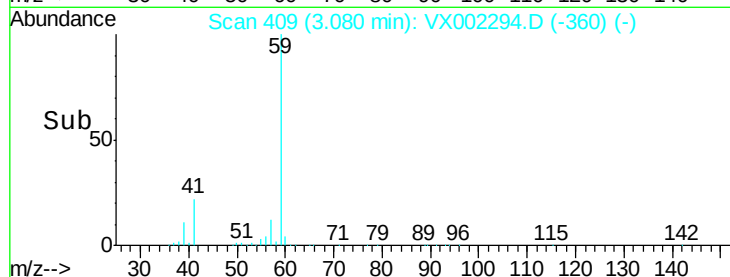
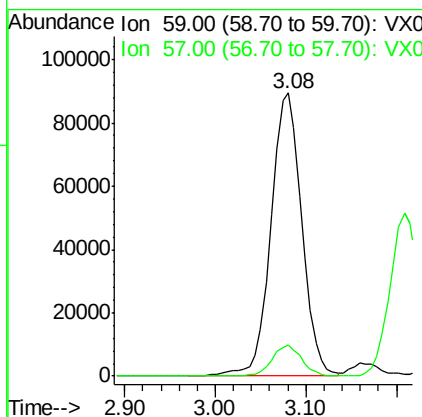
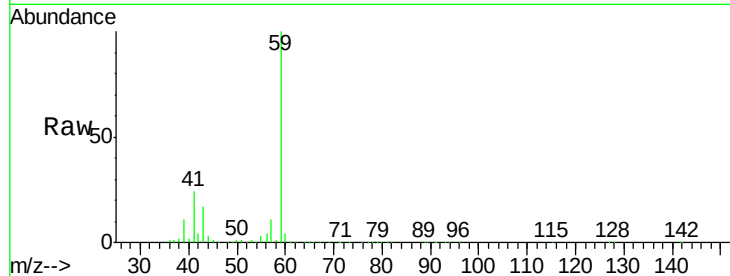
#11
Tert butyl alcohol
Concen: 269.980 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	210824
Ion Ratio	100	Lower	Upper
57	10.7	8.2	12.2

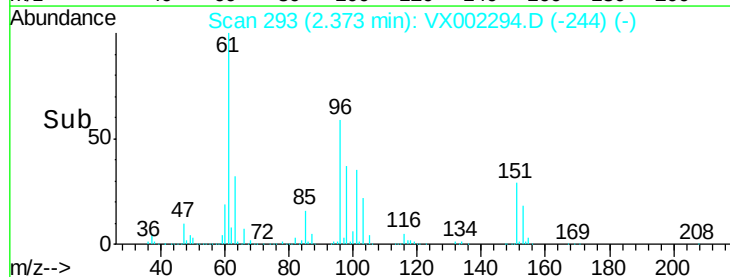
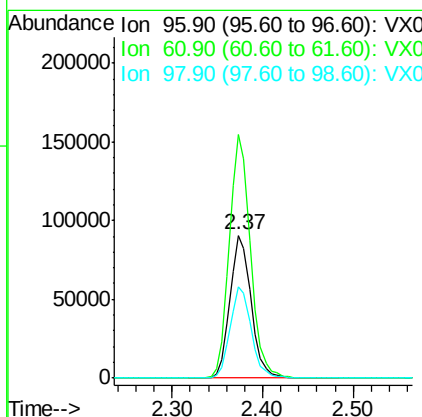
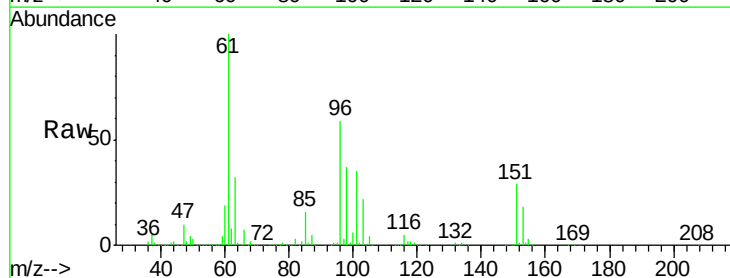
Manual Integrations
APPROVED

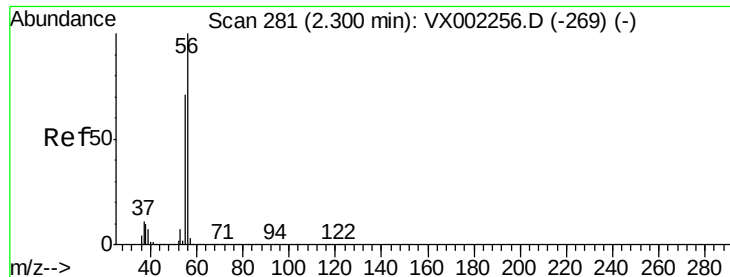
MMDadoda
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#12
1,1-Dichloroethene
Concen: 51.375 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	96	Resp	146585
Ion Ratio	100	Lower	Upper
61	170.4	137.9	206.9
98	63.6	51.6	77.4





#13

Acrolein

Concen: 264.355 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 100387

Ion Ratio Lower Upper

56 100

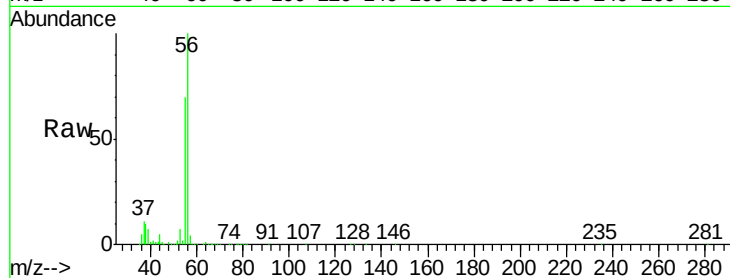
55 72.7 57.0 85.4

Manual Integrations

APPROVED

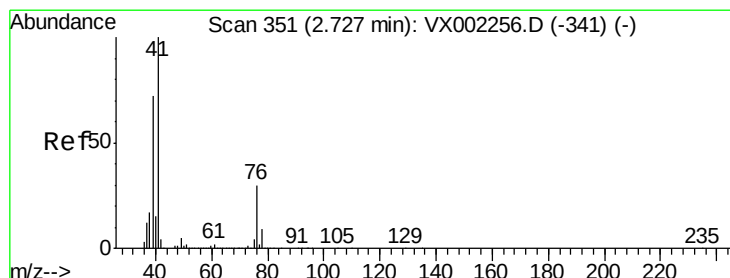
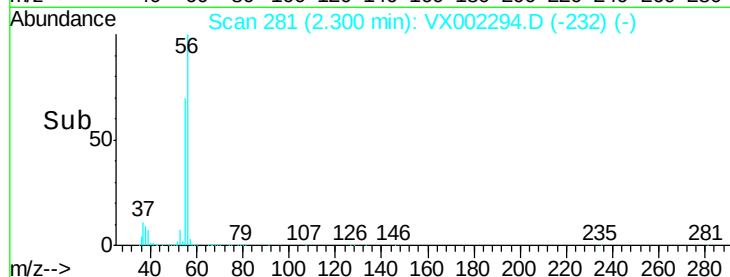
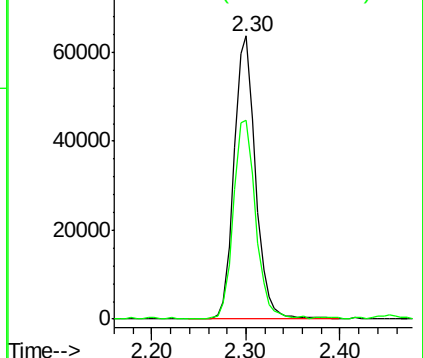
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.089 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

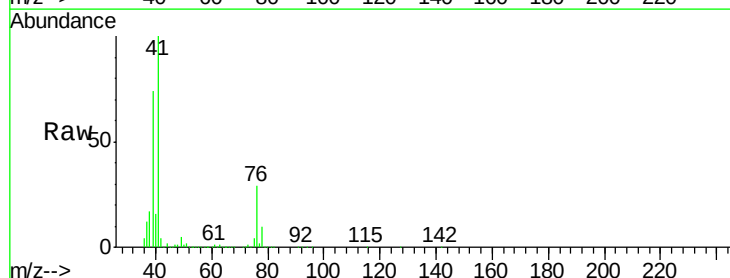
Tgt Ion: 41 Resp: 285380

Ion Ratio Lower Upper

41 100

39 71.5 56.8 85.2

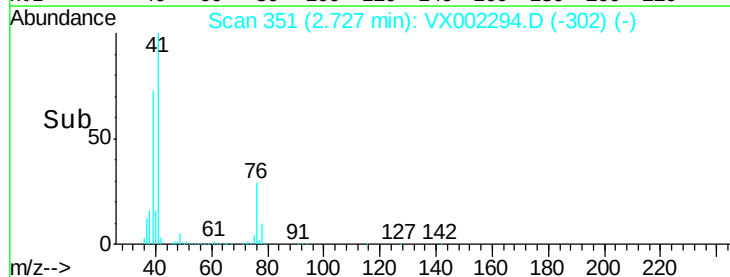
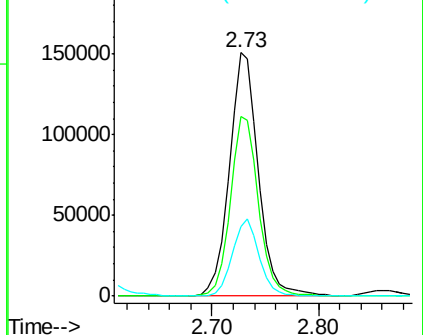
76 29.3 23.8 35.8

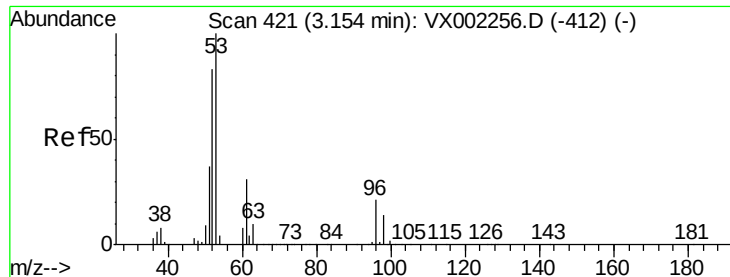


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 273.436 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

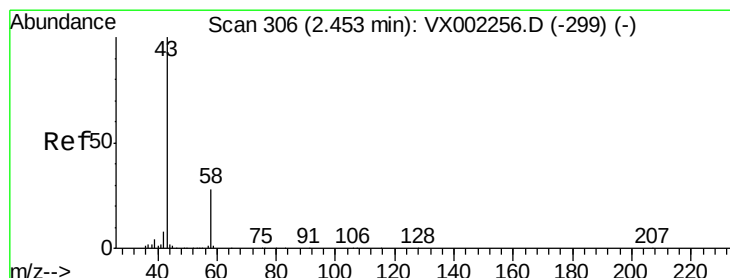
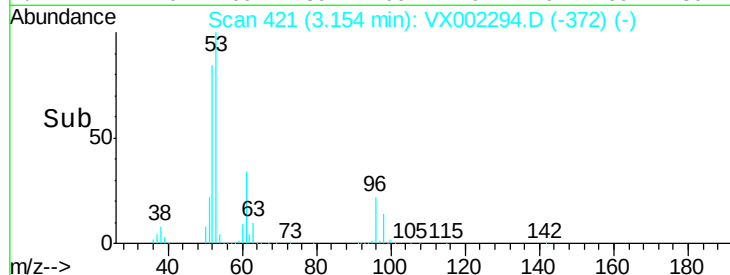
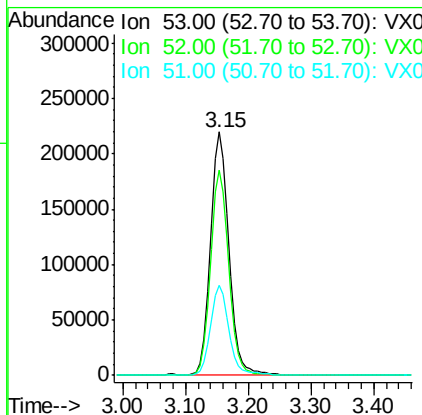
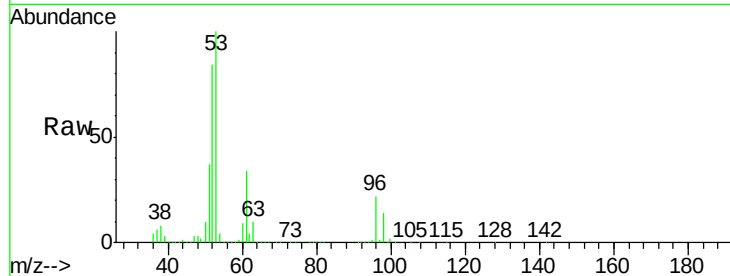
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	444541
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.7	100.1
51	37.1	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 253.548 ug/l

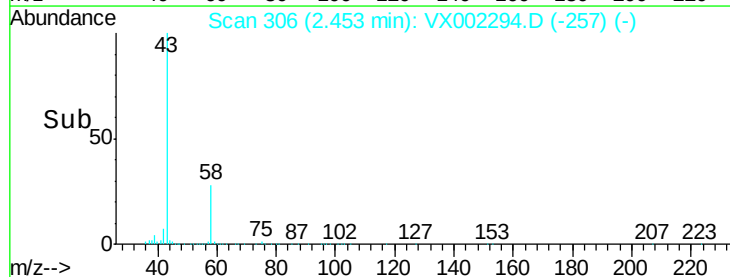
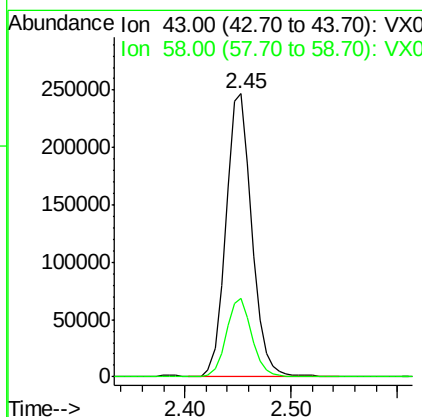
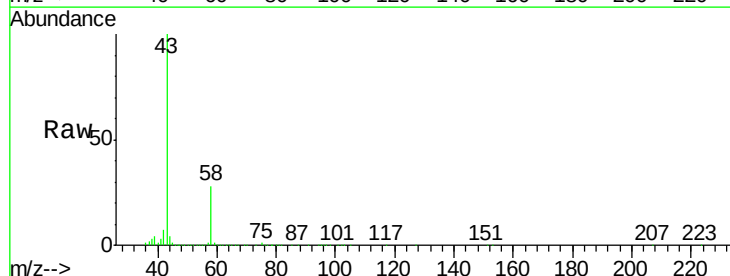
RT: 2.45 min Scan# 306

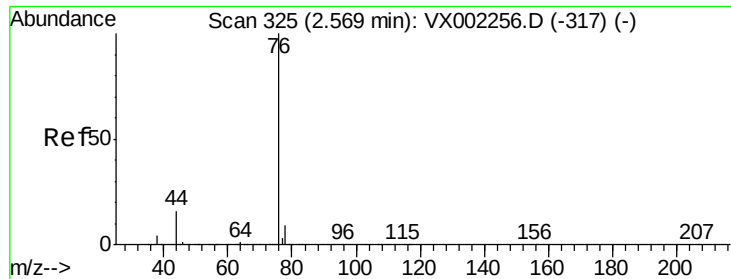
Delta R.T. 0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Tgt Ion:	43	Resp:	417485
Ion Ratio	Lower	Upper	
43	100		
58	27.8	22.1	33.1





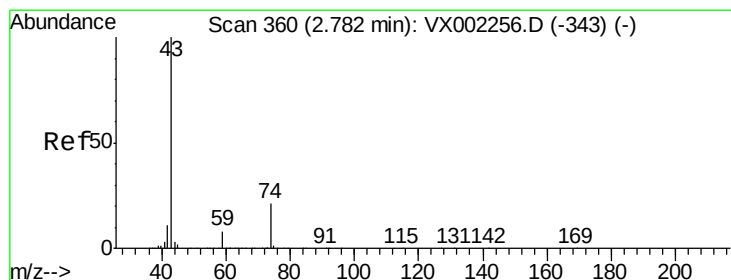
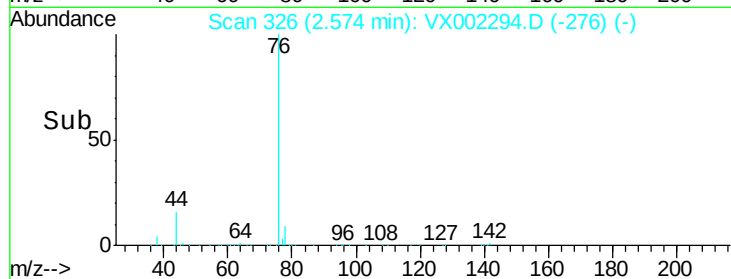
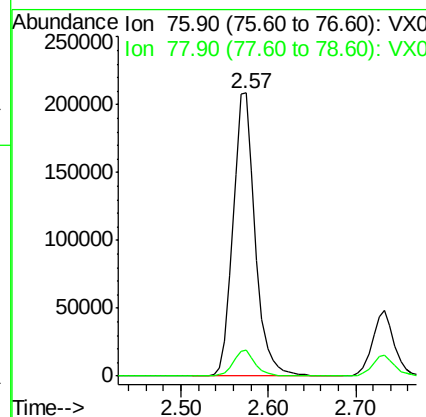
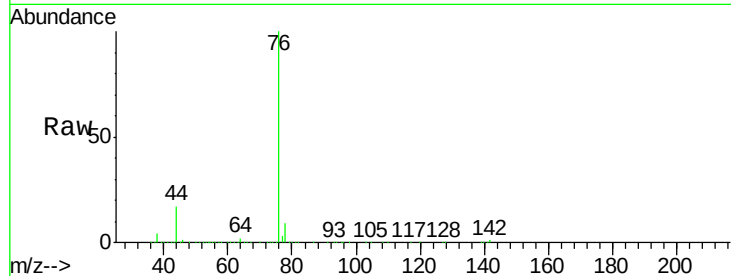
#17
Carbon Disulfide
Concen: 48.835 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

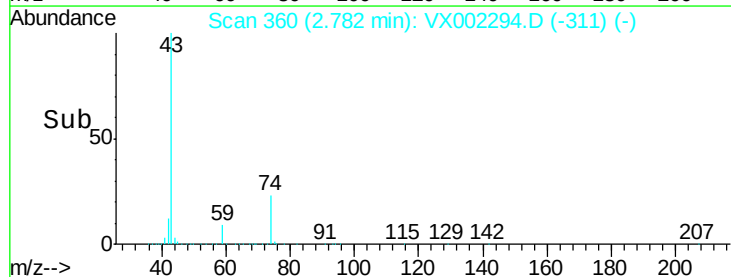
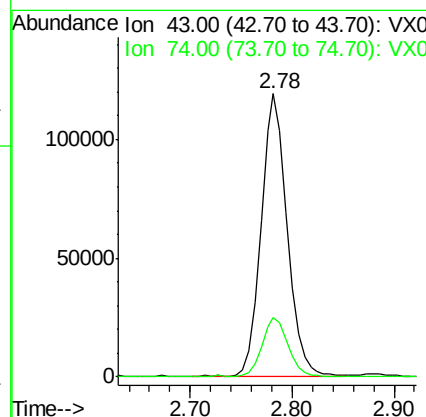
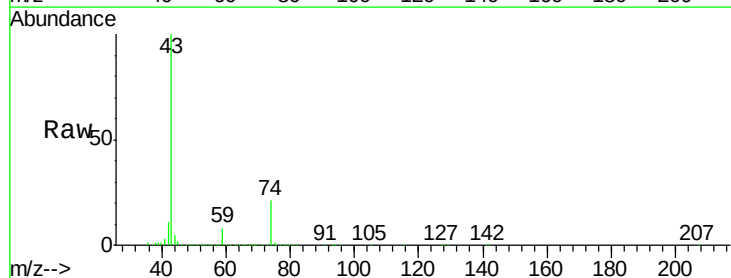
Manual Integrations
APPROVED

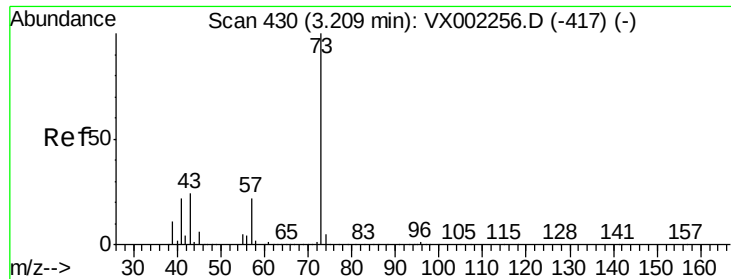
MMDadoda
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#18
Methyl Acetate
Concen: 55.302 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.7	25.1





#19

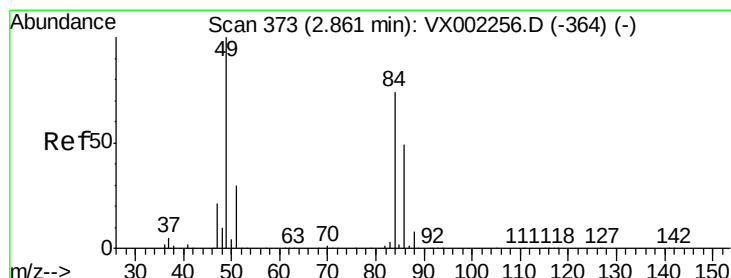
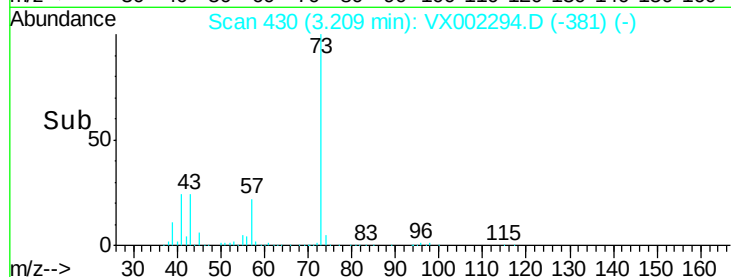
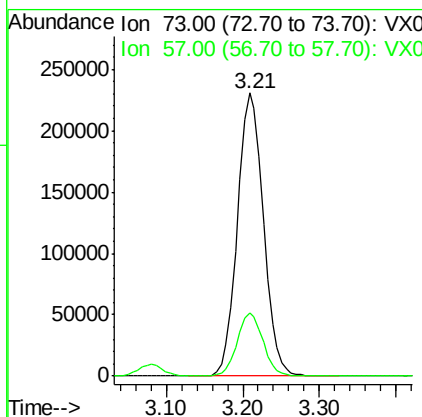
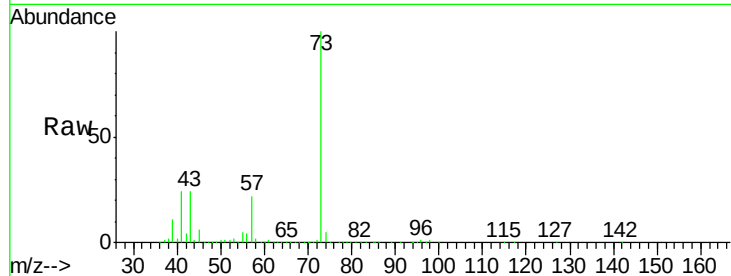
Methyl tert-butyl Ether
 Concen: 54.893 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.7	26.5

Manual Integrations
 APPROVED

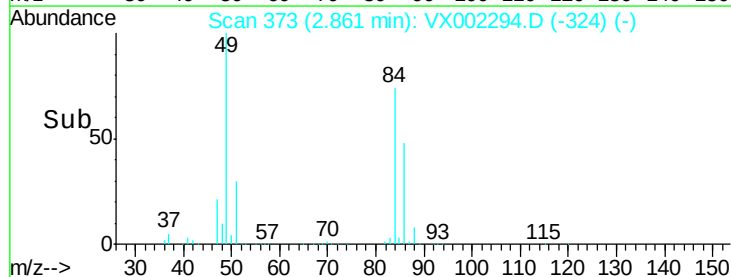
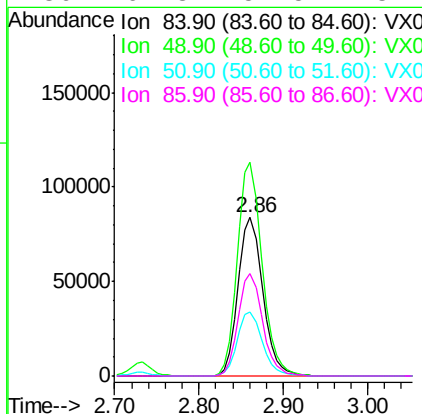
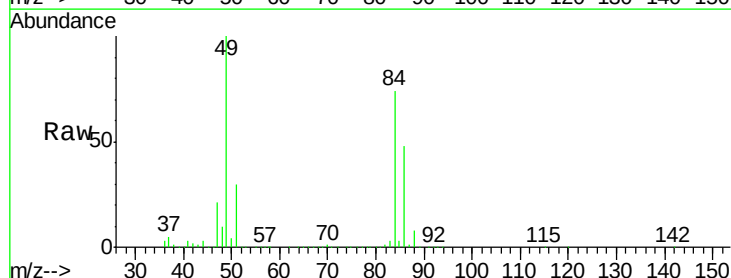
MMDadoda
 6/5/2018 5:56:14 PM

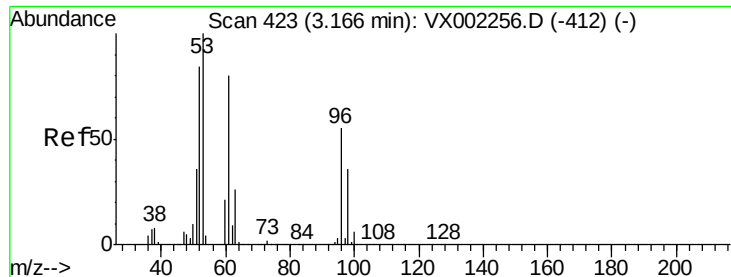


#20

Methylene Chloride
 Concen: 55.097 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.7	107.8	161.6
51	40.5	32.8	49.2
86	64.3	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 49.943 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

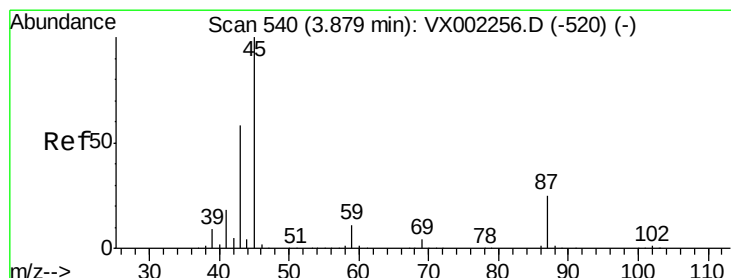
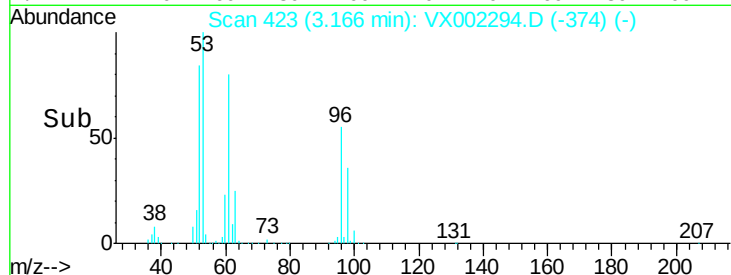
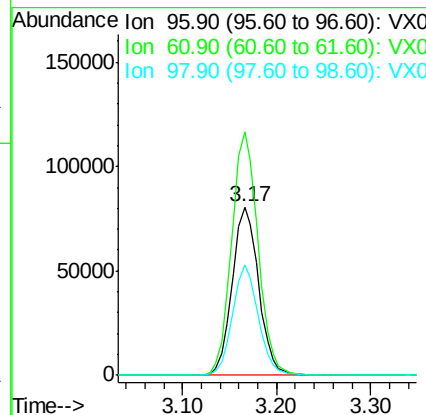
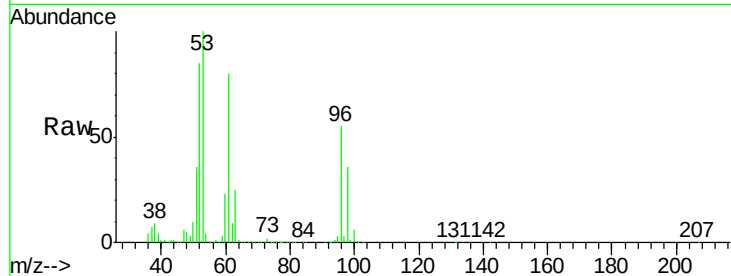
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	157141
Ion	Ratio	Lower	Upper
96	100		
61	144.5	117.0	175.4
98	65.3	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.512 ug/l

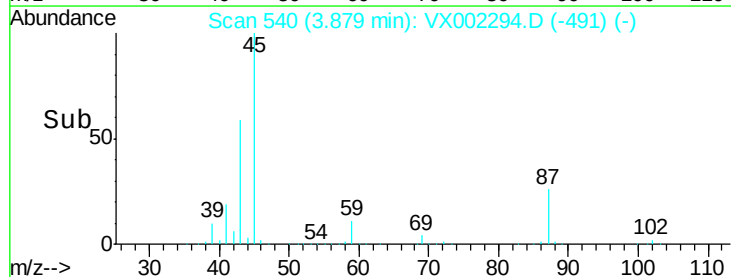
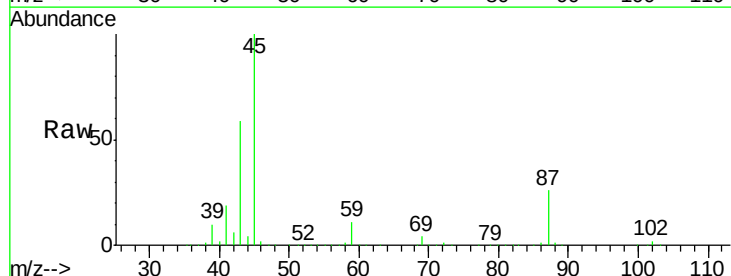
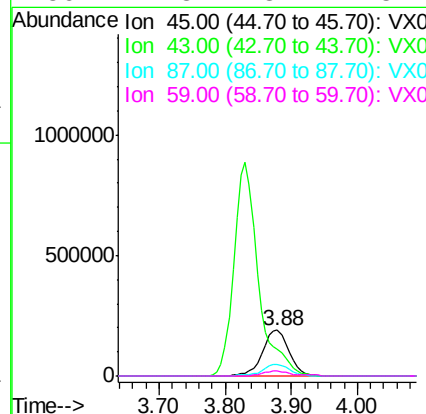
RT: 3.88 min Scan# 540

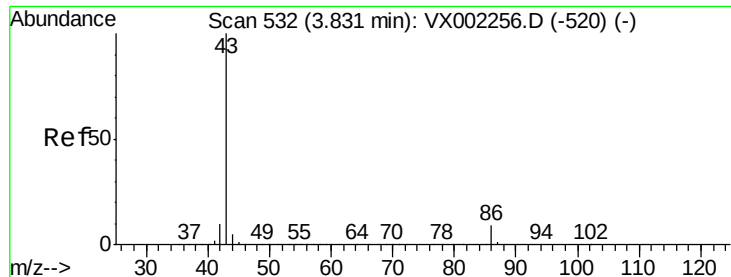
Delta R.T. 0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Tgt Ion:	45	Resp:	532400
Ion	Ratio	Lower	Upper
45	100		
43	59.2	46.8	70.2
87	25.6	20.2	30.4
59	11.3	8.7	13.1





#23

Vinyl Acetate

Concen: 226.836 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2276940

Ion Ratio Lower Upper

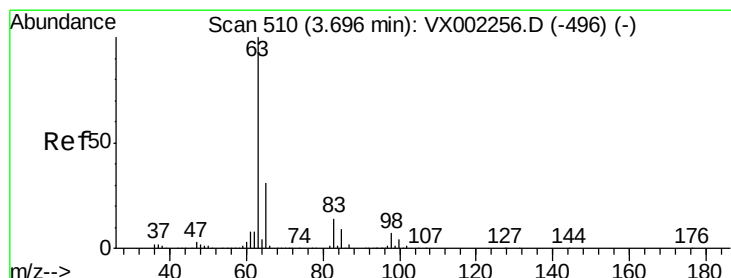
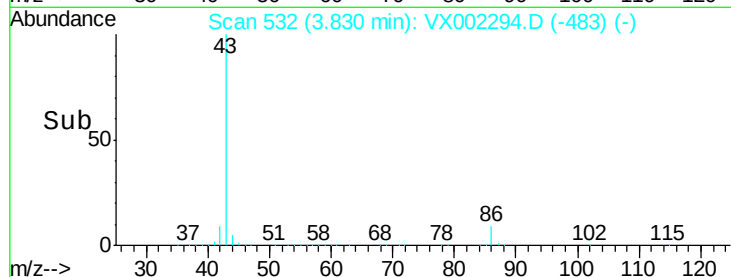
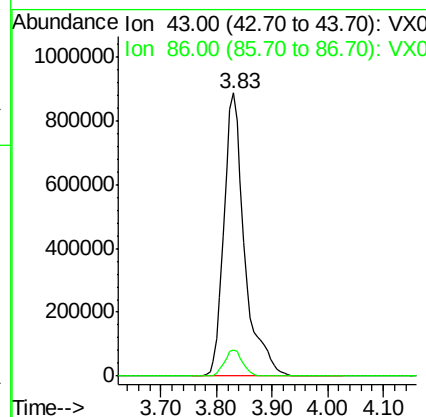
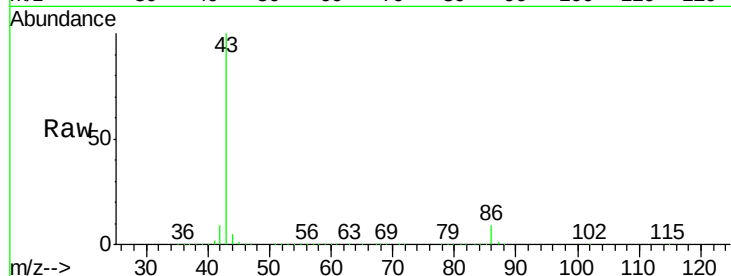
43 100

86 9.4 7.4 11.0

Manual Integrations
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6/5/2018 5:56:14 PM



#24

1,1-Dichloroethane

Concen: 49.393 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

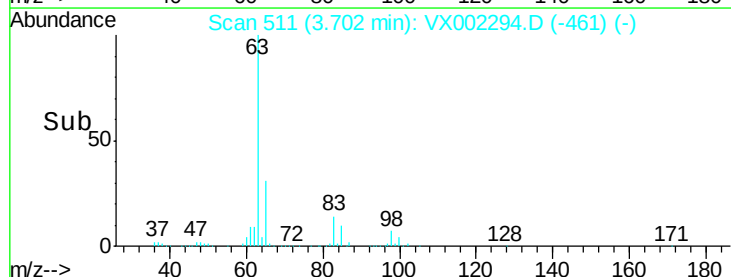
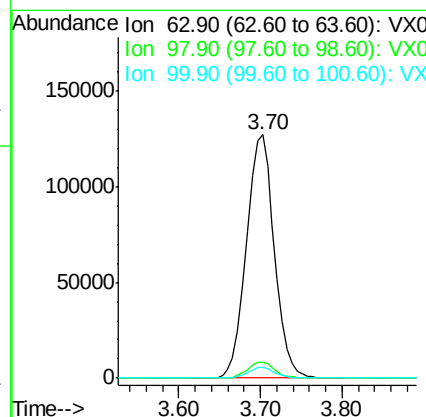
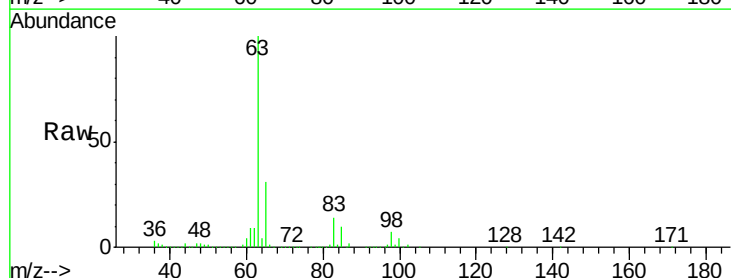
Tgt Ion: 63 Resp: 302276

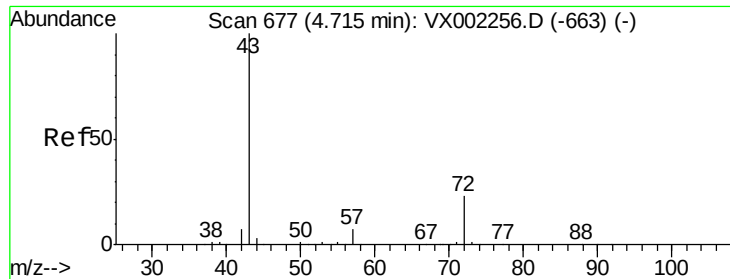
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 226.531 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 595301

Ion Ratio Lower Upper

43 100

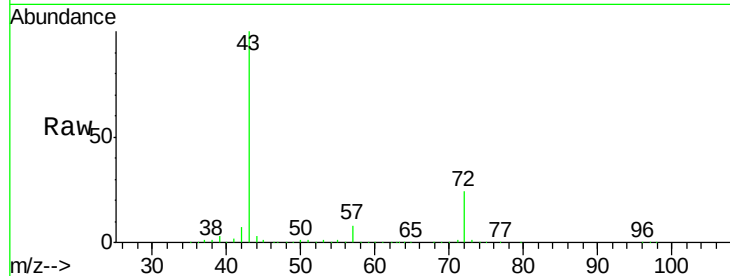
72 23.7 18.5 27.7

Manual Integrations

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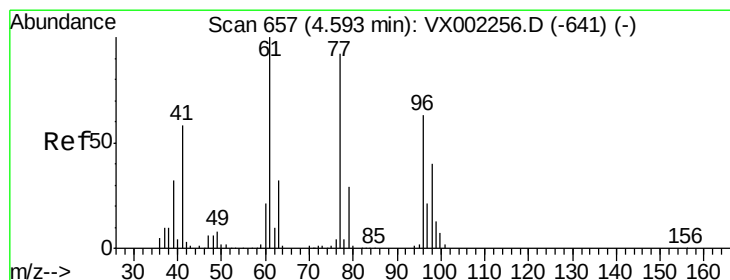
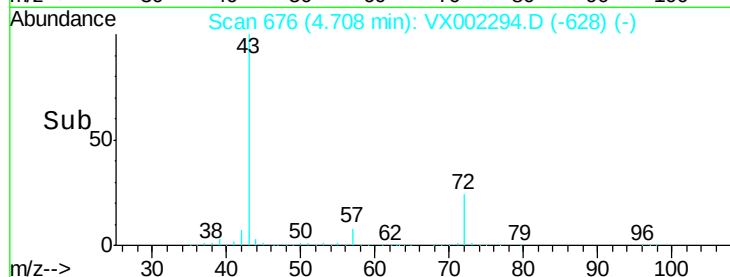
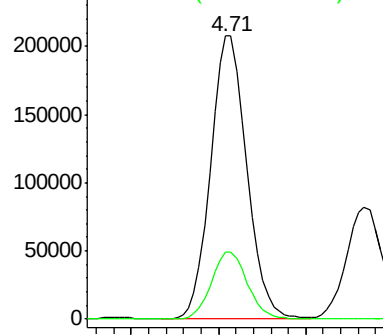
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 31.453 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002294.D

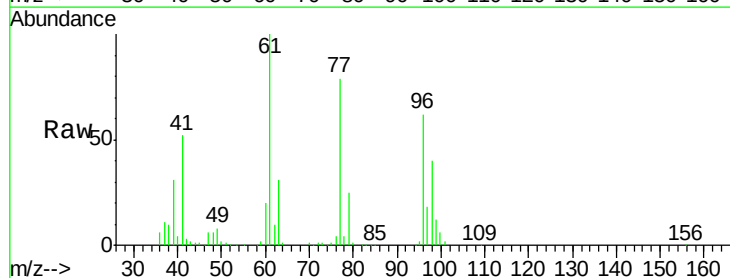
Acq: 05 Jun 2018 07:11

Tgt Ion: 77 Resp: 150467

Ion Ratio Lower Upper

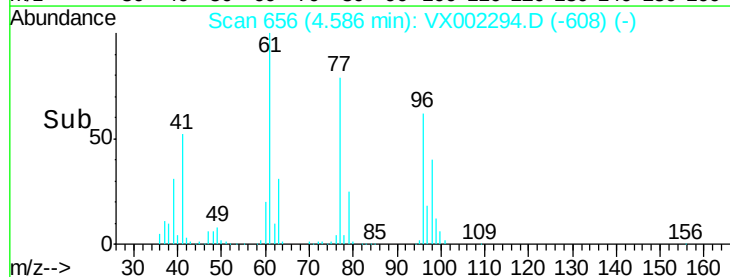
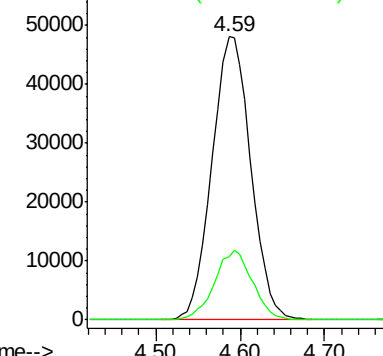
77 100

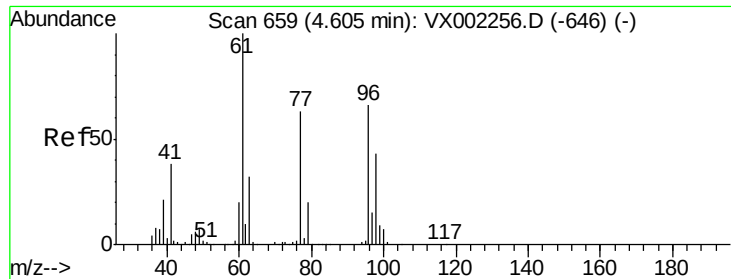
97 23.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

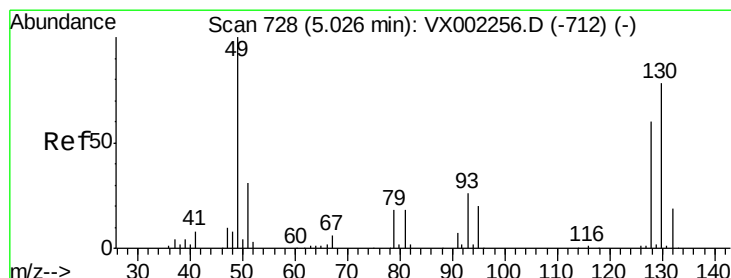
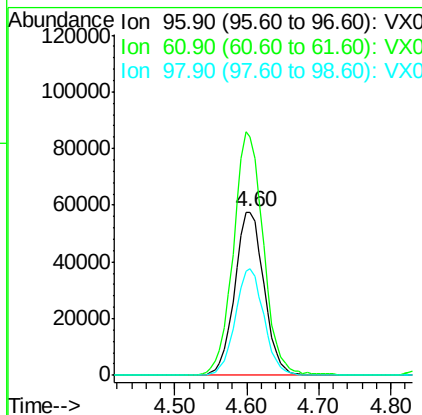
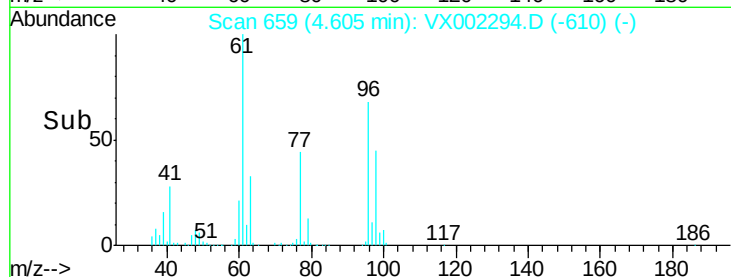
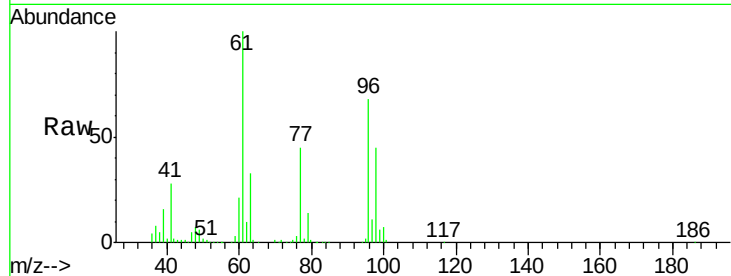
cis-1,2-Dichloroethene
Concen: 47.495 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	162521		
61	152.9	0.0	330.2	
98	64.1	0.0	130.2	

Manual Integrations
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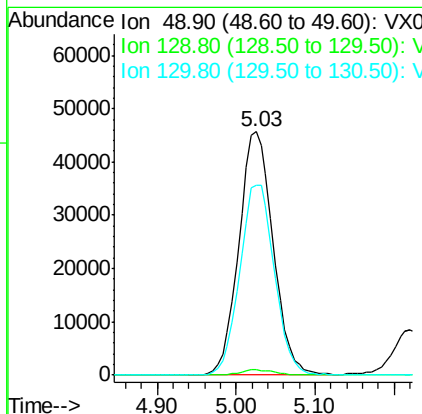
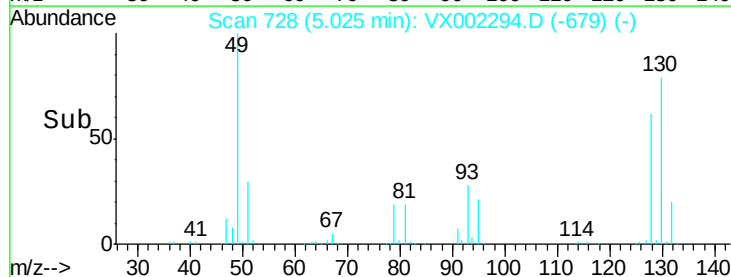
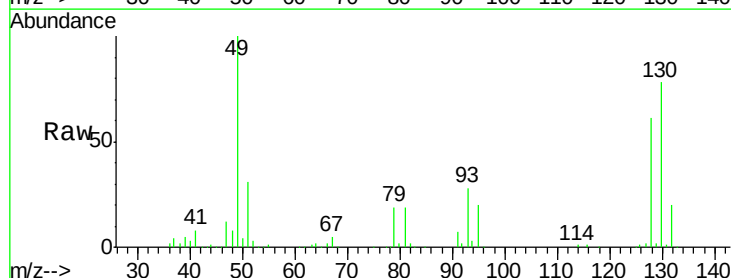
MMDadoda
6/5/2018 5:56:14 PM

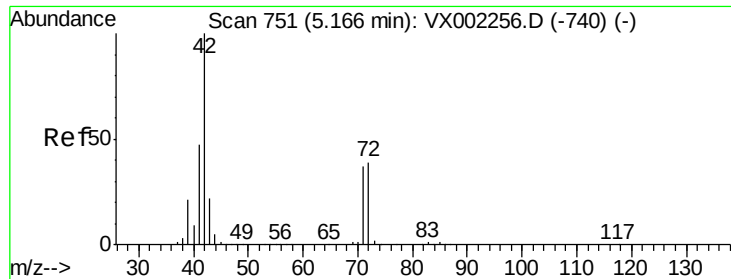


#28

Bromochloromethane
Concen: 53.218 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	137919		
129	2.1	0.0	4.2	
130	79.0	61.2	91.8	





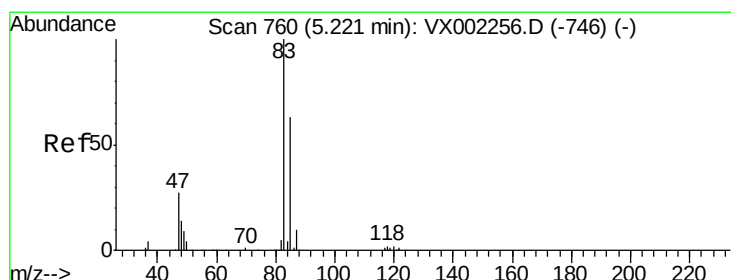
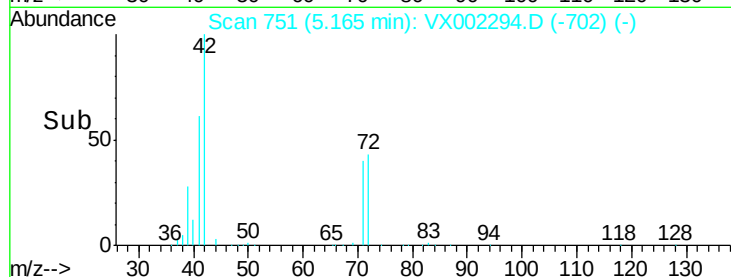
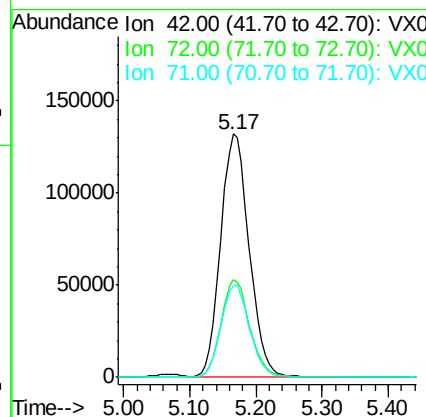
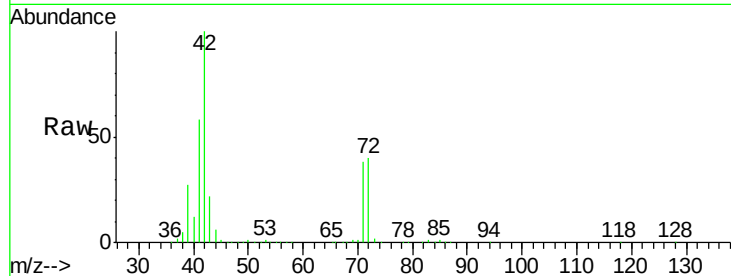
#29
Tetrahydrofuran
Concen: 232.163 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	40.6	32.0	48.0	
71	38.3	30.1	45.1	

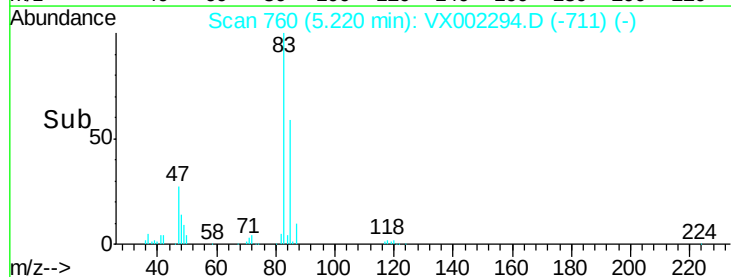
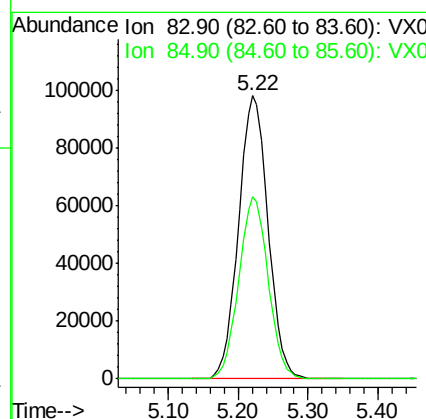
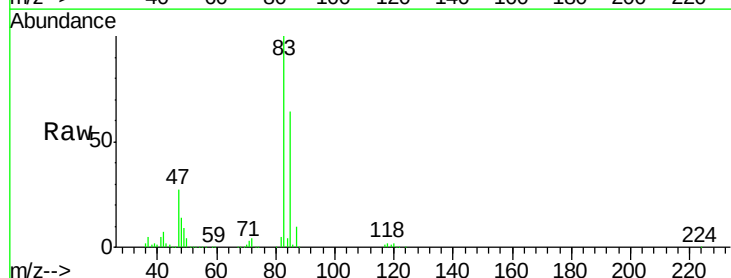
Manual Integrations
APPROVED

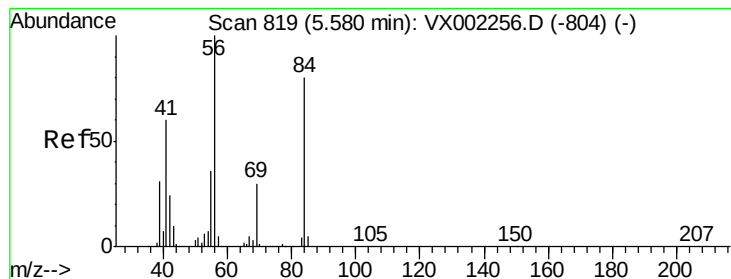
MMDadoda
6/5/2018 5:56:14 PM



#30
Chloroform
Concen: 48.555 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.5	50.4	75.6	





#31

Cyclohexane

Concen: 52.300 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

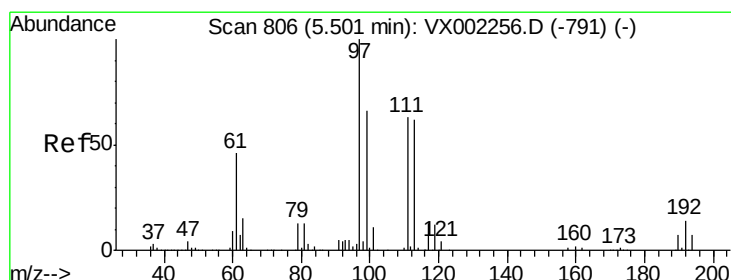
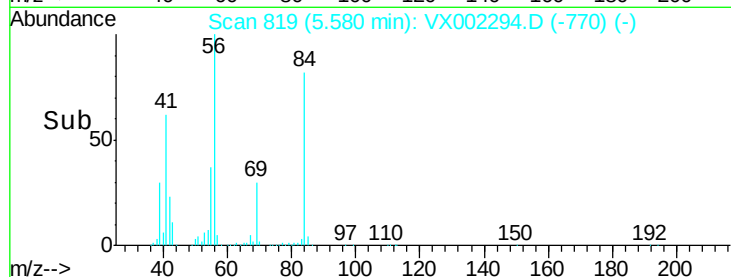
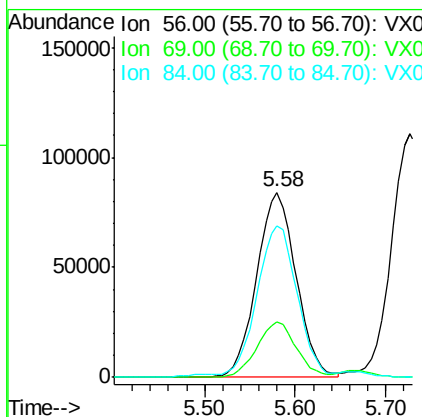
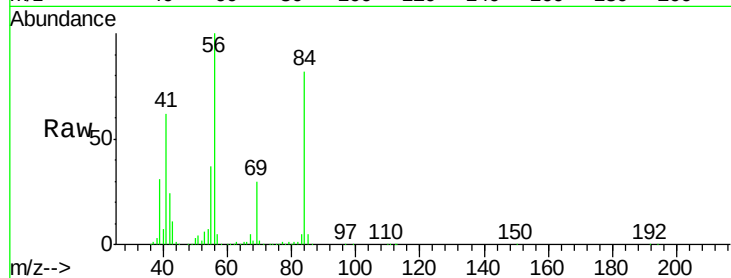
ClientSampled :

VSTDCCC050EC

Tot Ion:	56	Resp:	253096
Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.7	35.5
84	80.7	64.1	96.1

Manual Integrations
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MMDadoda
6/5/2018 5:56:14 PM



#32

1,1,1-Trichloroethane

Concen: 50.369 ug/l

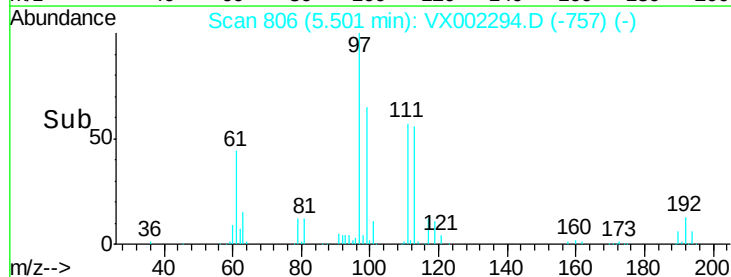
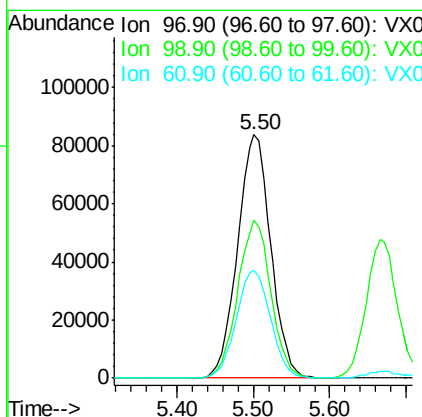
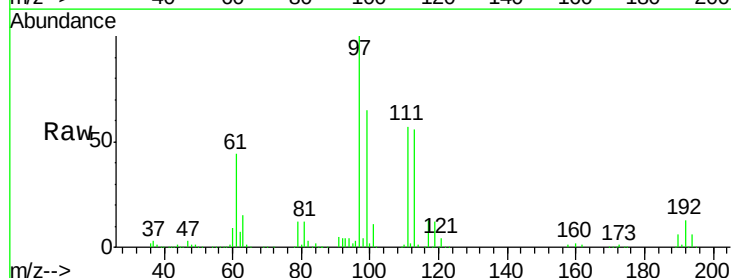
RT: 5.50 min Scan# 806

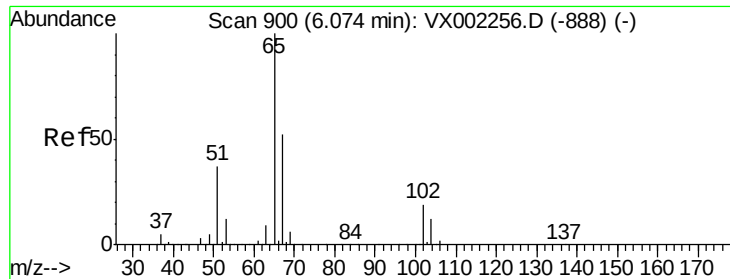
Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Tgt Ion:	97	Resp:	252260
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	45.6	36.4	54.6





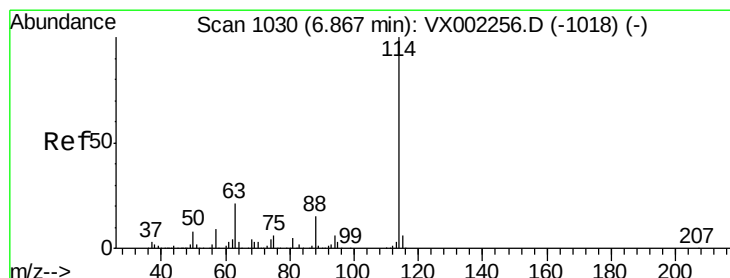
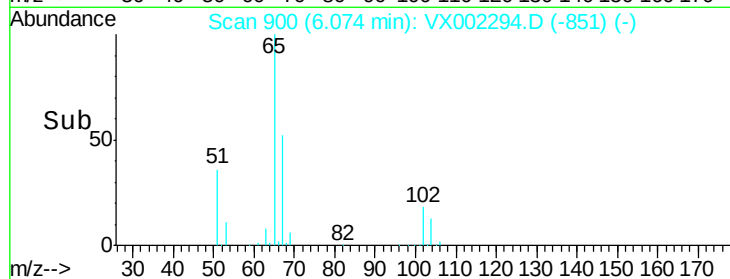
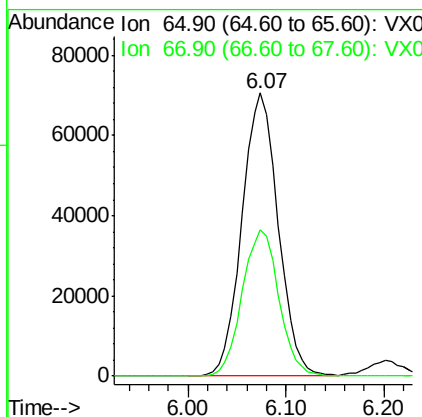
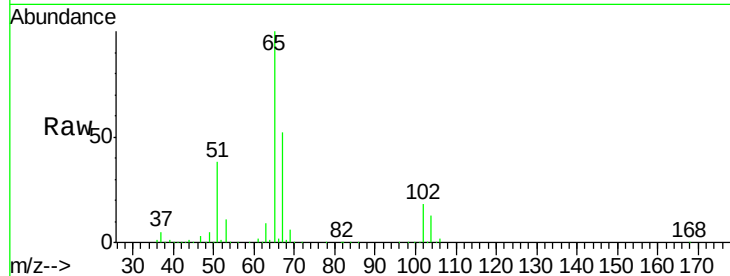
#33
 1,2-Dichloroethane-d4
 Concen: 47.188 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	102.6

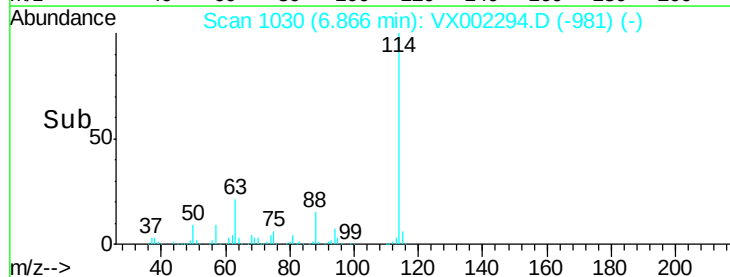
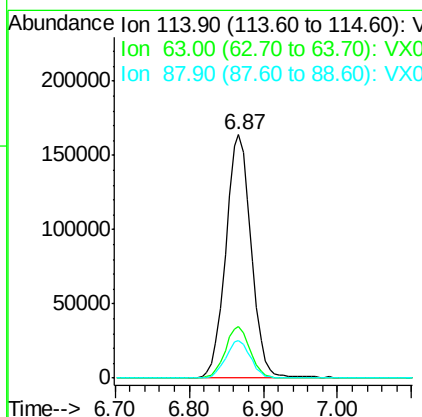
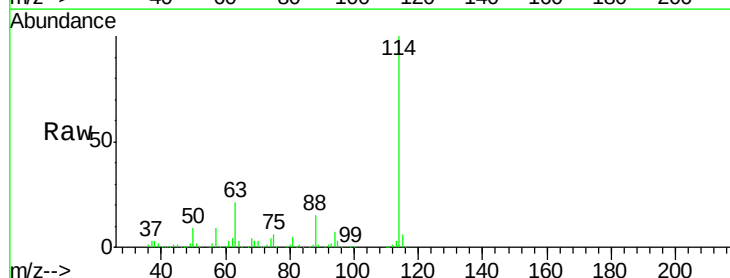
Manual Integrations
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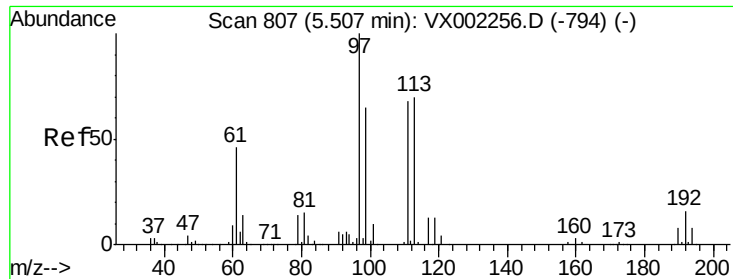
MMDadoda
 6/5/2018 5:56:14 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.4
88	15.4	0.0	30.0





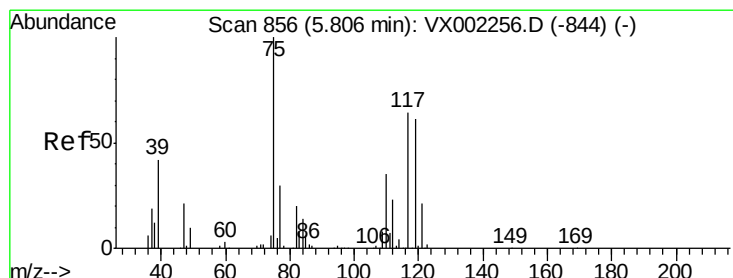
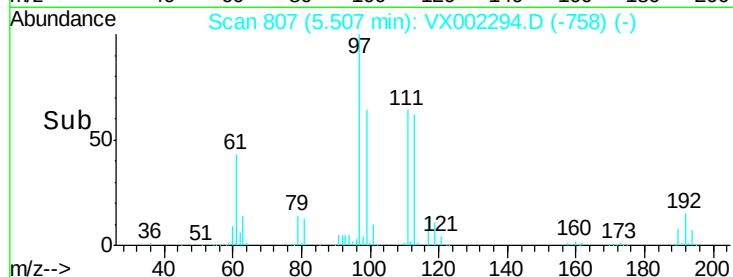
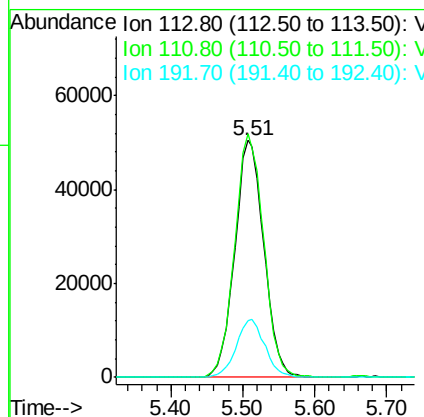
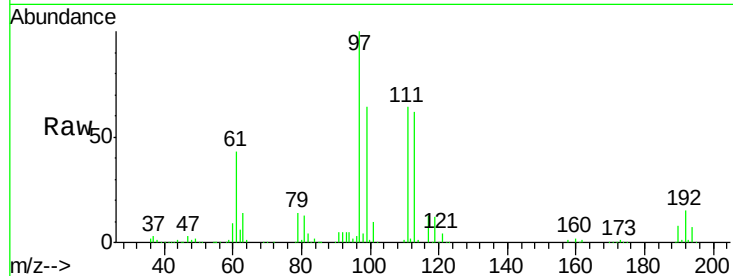
#35
Dibromofluoromethane
Concen: 45.873 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141275		
111	102.3	81.4	122.0	
192	24.1	19.1	28.7	

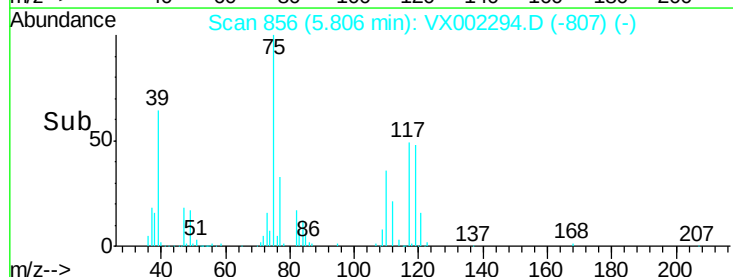
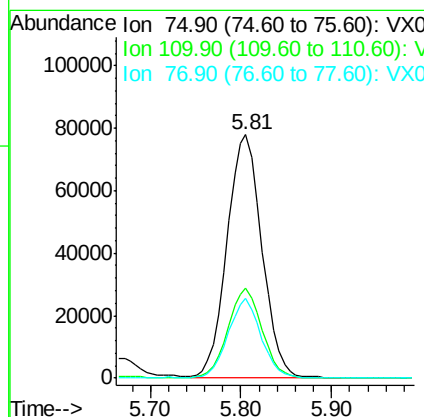
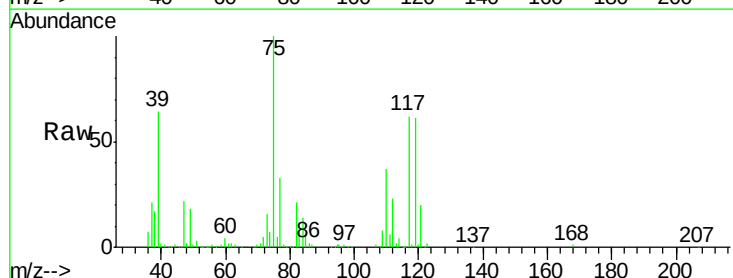
Manual Integrations
APPROVED

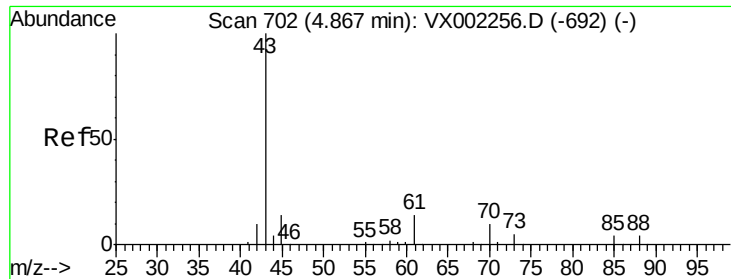
MMDadoda
6/5/2018 5:56:14 PM



#36
1,1-Dichloropropene
Concen: 50.295 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	207066		
110	36.5	18.1	54.4	
77	30.6	24.3	36.5	





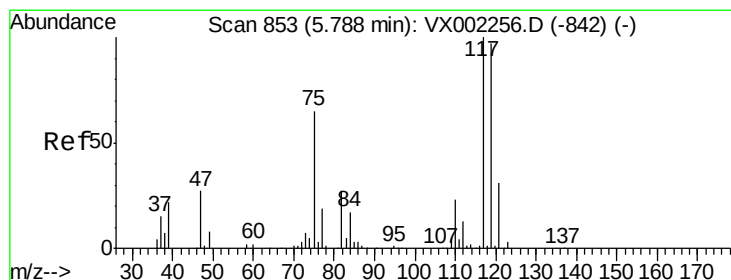
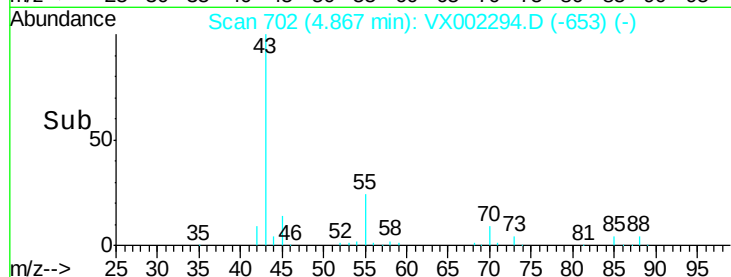
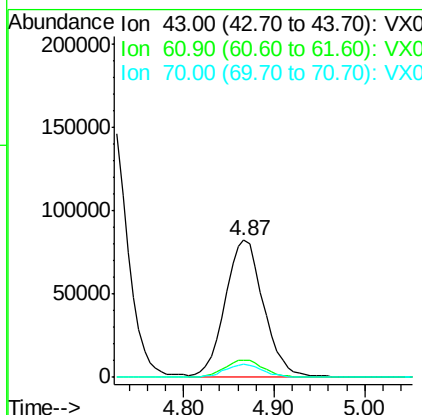
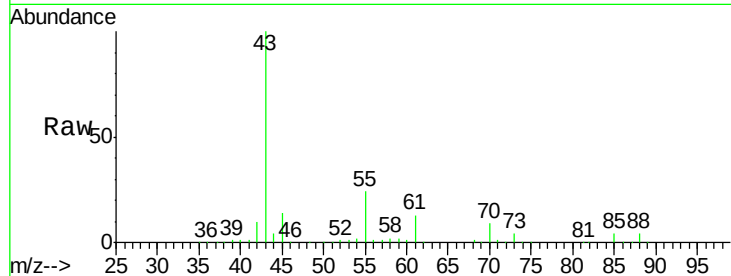
#37
Ethyl Acetate
Concen: 48.506 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.4	15.6
70	9.5	7.6	11.4

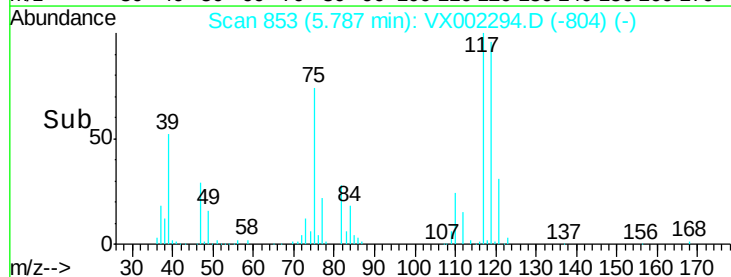
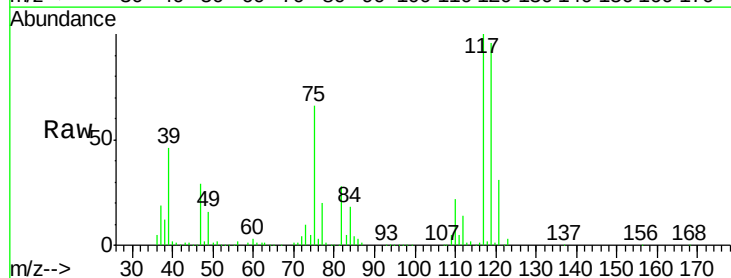
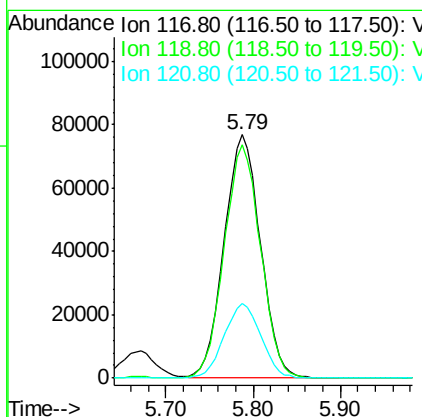
Manual Integrations
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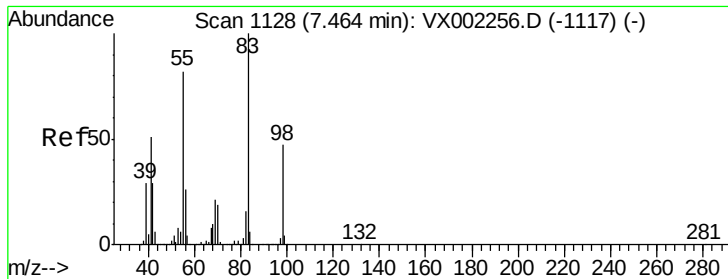
MMDadoda
6/5/2018 5:56:14 PM



#38
Carbon Tetrachloride
Concen: 51.383 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
121	30.8	24.4	36.6





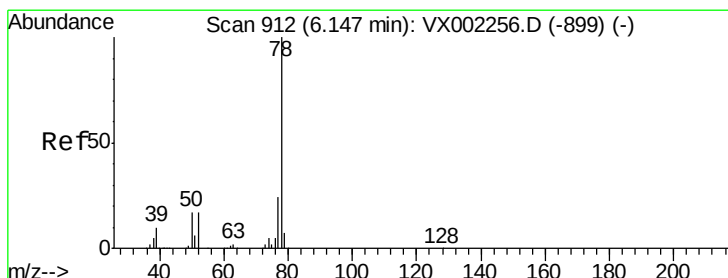
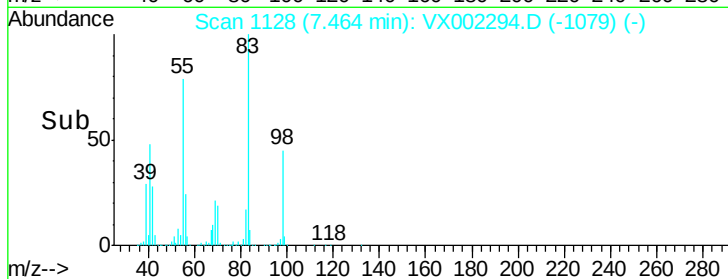
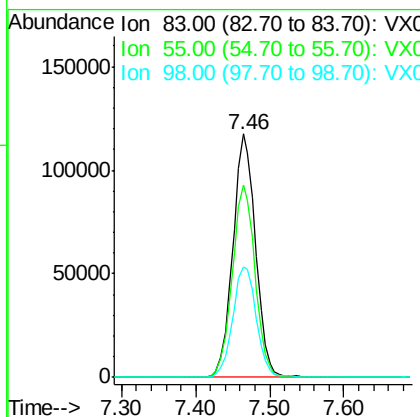
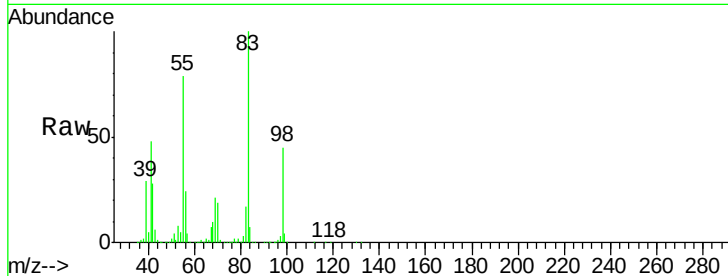
#39
Methylvlcyclohexane
Concen: 49.210 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	65.4	98.0
98	45.4	37.4	56.0

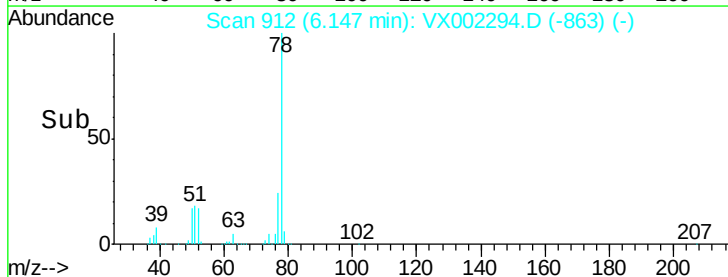
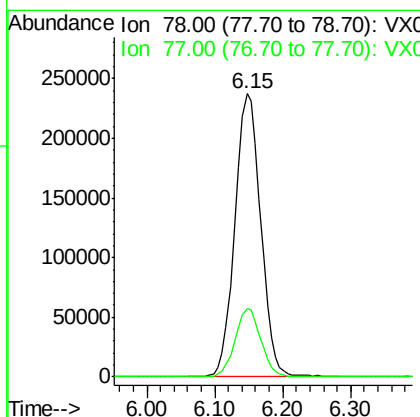
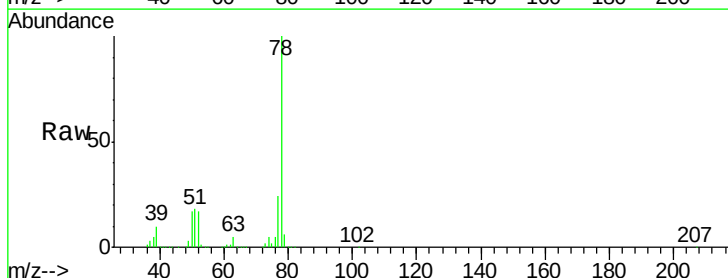
Manual Integrations
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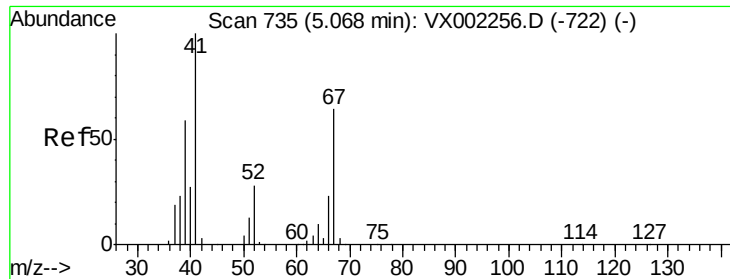
MMDadoda
6/5/2018 5:56:14 PM



#40
Benzene
Concen: 49.733 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





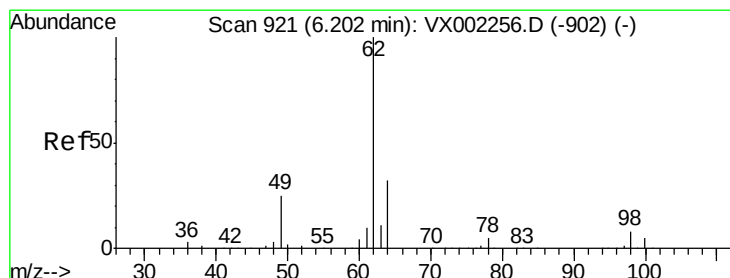
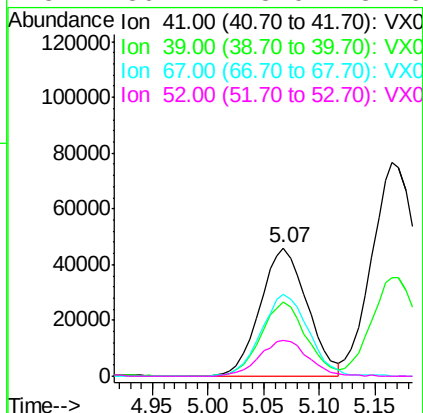
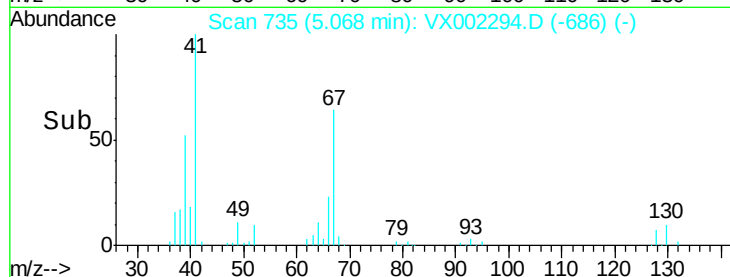
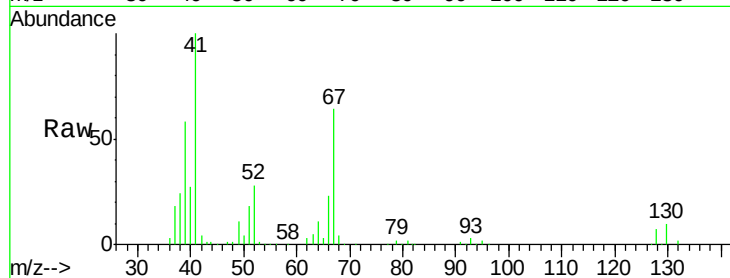
#41
Methacrylonitrile
Concen: 47.307 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	45.8	68.6	
67	64.9	51.3	76.9	
52	30.1	23.0	34.6	

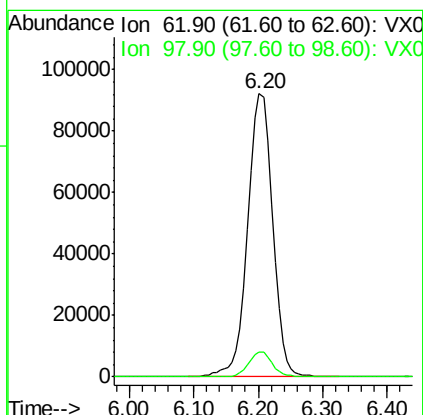
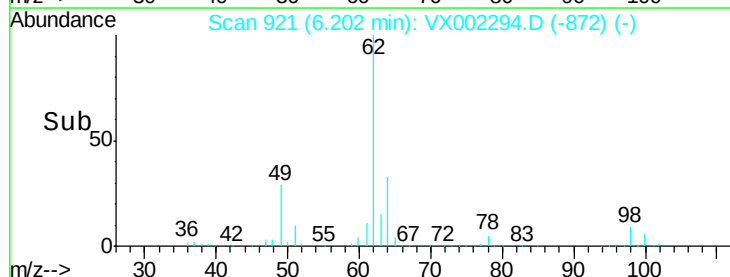
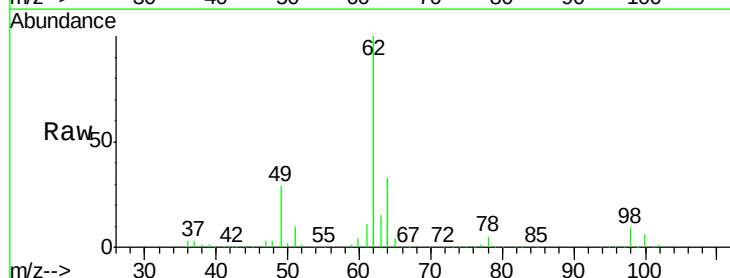
Manual Integrations
APPROVED

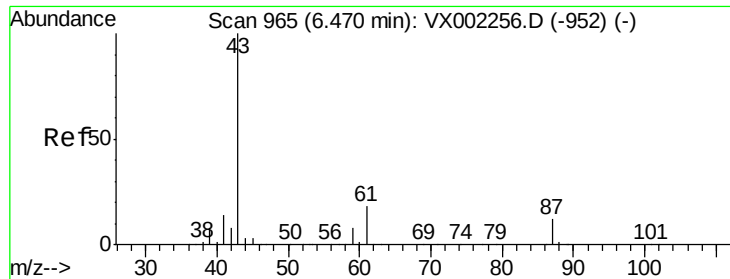
MMDadoda
6/5/2018 5:56:14 PM



#42
1,2-Dichloroethane
Concen: 48.662 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





#43

Isopropyl Acetate

Concen: 47.515 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

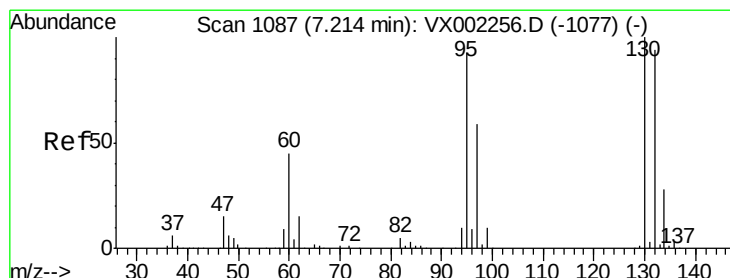
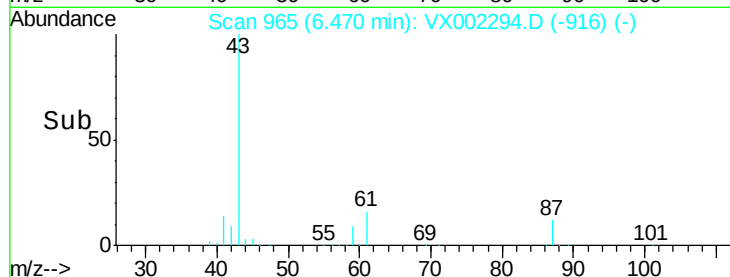
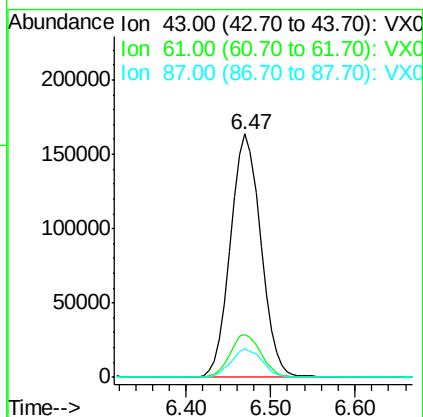
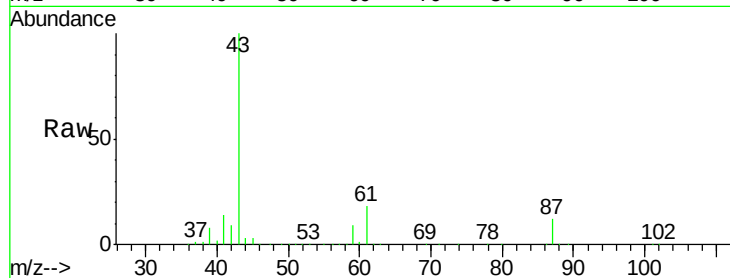
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	399586
Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.4	21.6
87	12.1	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 51.468 ug/l

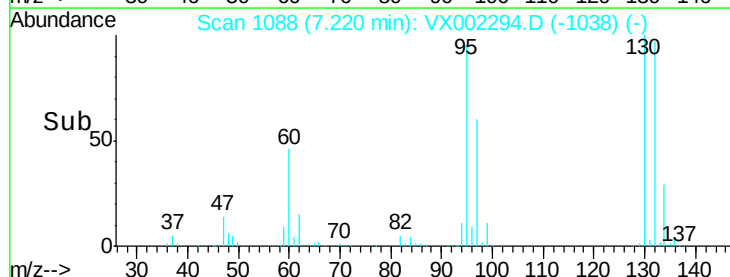
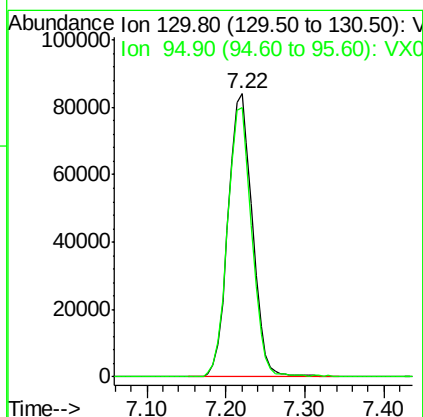
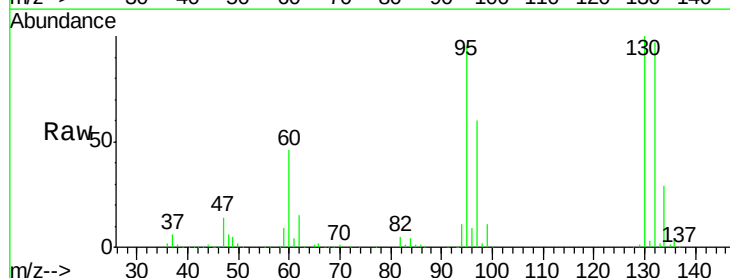
RT: 7.22 min Scan# 1088

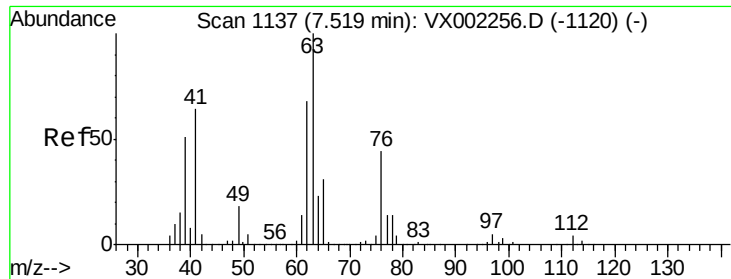
Delta R.T. 0.01 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Tgt Ion:	130	Resp:	180318
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	185.4





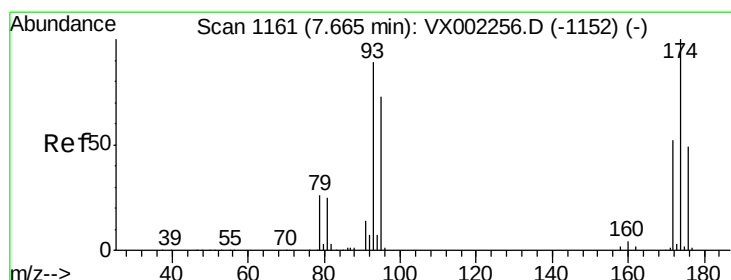
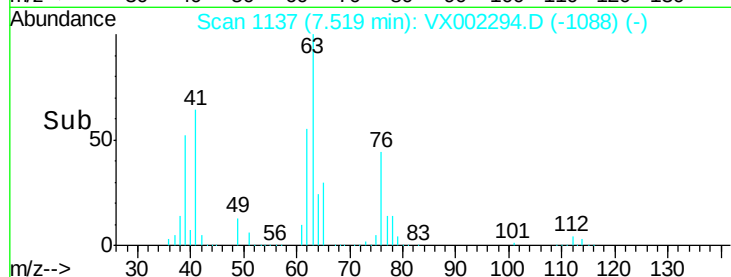
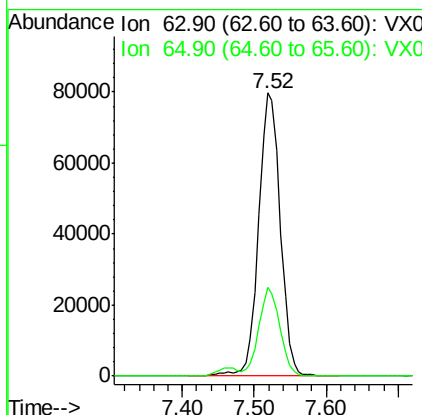
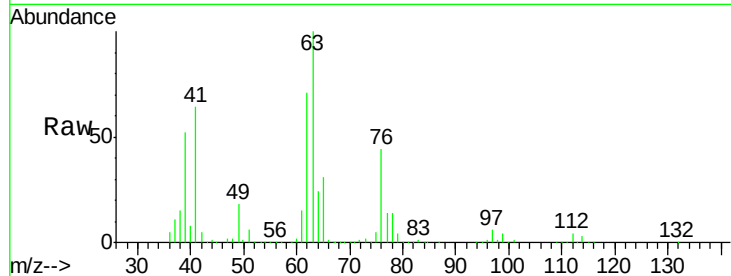
#45
 1,2-Dichloropropane
 Concen: 49.185 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 167618
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1

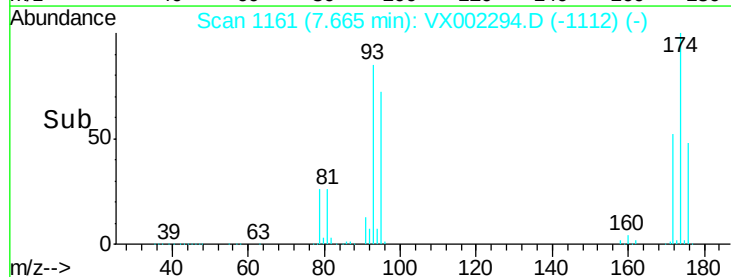
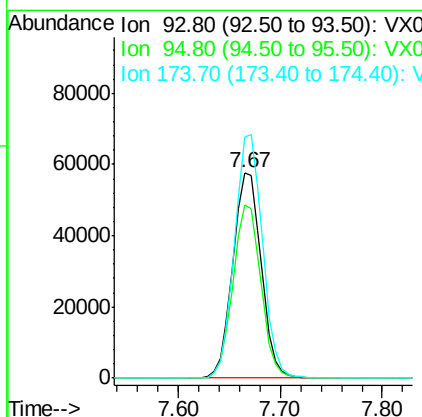
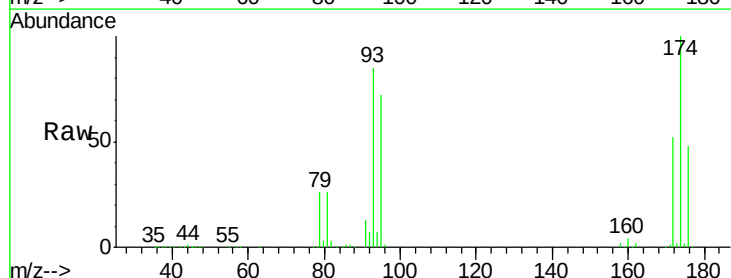
Manual Integrations
 APPROVED

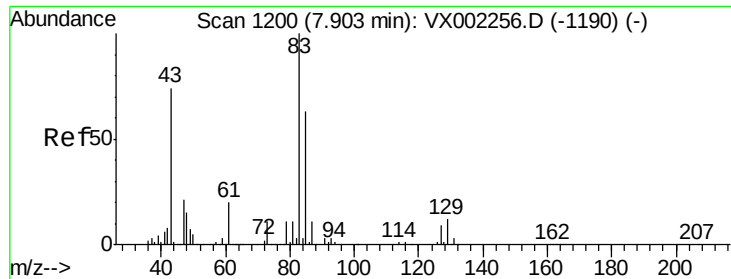
MMDadoda
 6/5/2018 5:56:14 PM



#46
 Dibromomethane
 Concen: 48.006 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion: 93 Resp: 110905
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 117.0 92.4 138.6





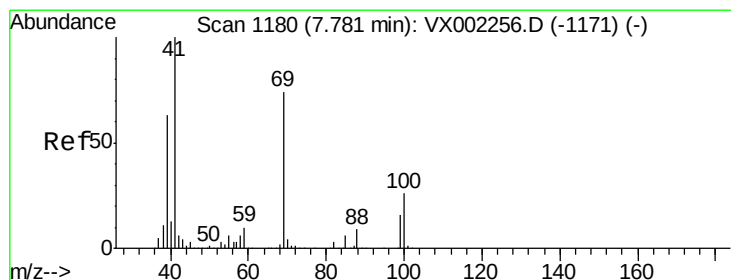
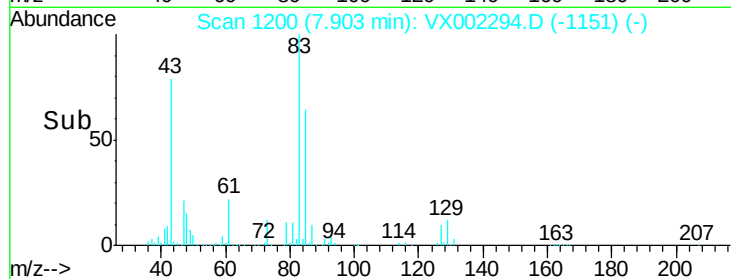
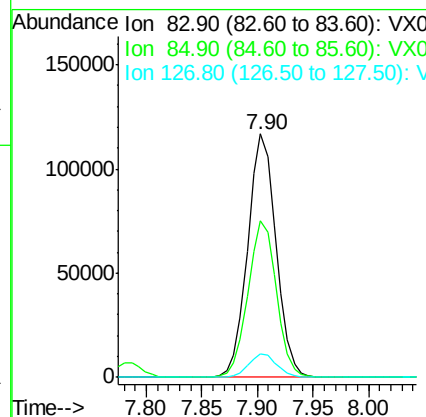
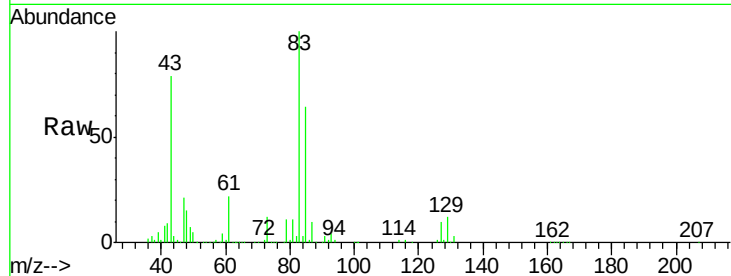
#47
Bromodichloromethane
Concen: 49.504 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.3	75.5
127	9.6	7.0	10.4

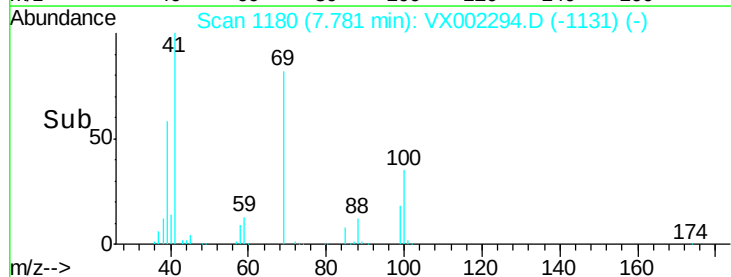
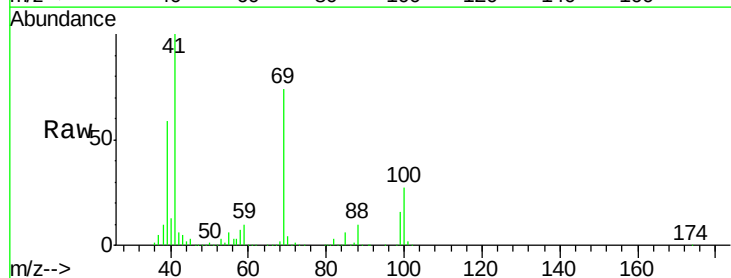
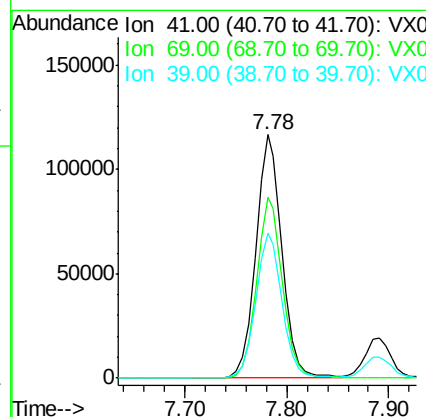
Manual Integrations
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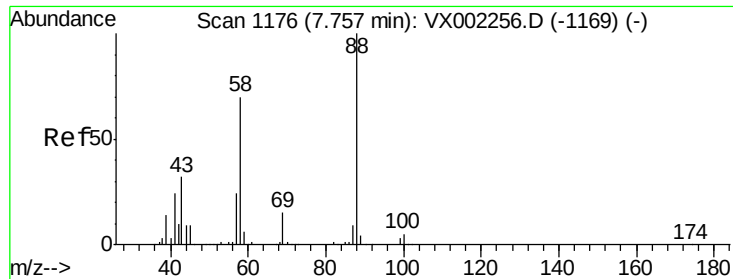
MMDadoda
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#48
Methyl methacrylate
Concen: 48.838 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.6	59.1	88.7
39	60.2	48.9	73.3





#49

1,4-Dioxane

Concen: 994.029 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

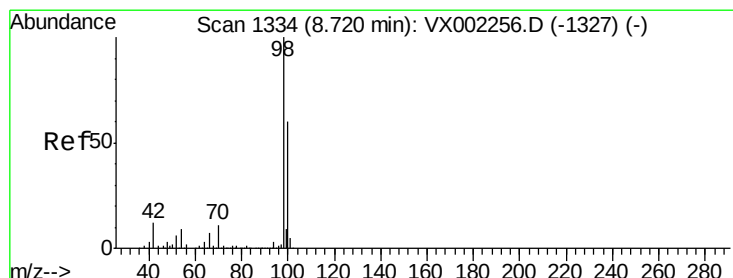
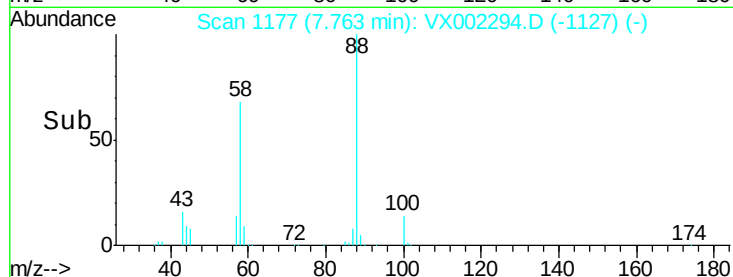
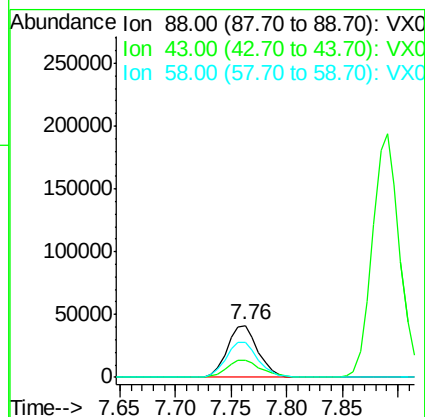
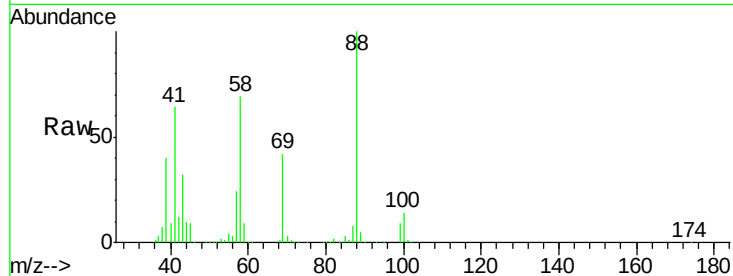
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	78512
Ion Ratio	Lower	Upper	
88	100		
43	36.5	29.8	44.6
58	72.0	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 46.082 ug/l

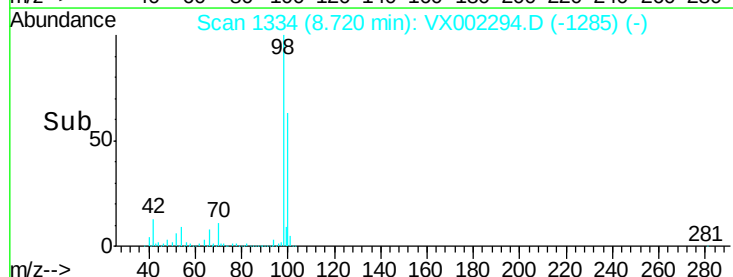
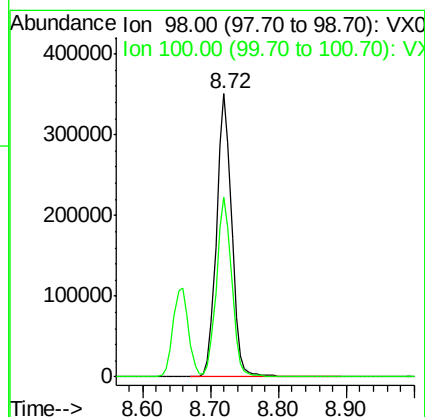
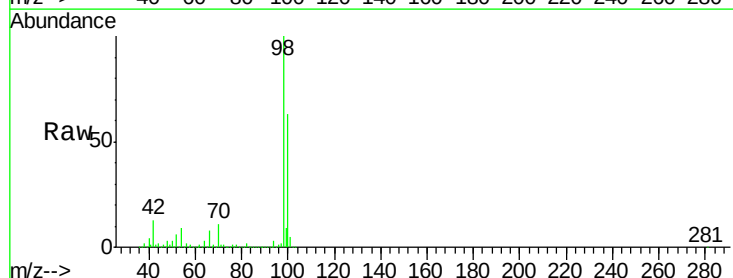
RT: 8.72 min Scan# 1334

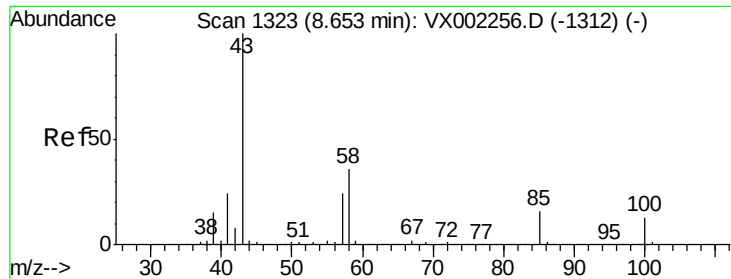
Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Tgt Ion:	98	Resp:	543970
Ion Ratio	Lower	Upper	
98	100		
100	63.8	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 245.457 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1285481

Ion Ratio Lower Upper

43 100

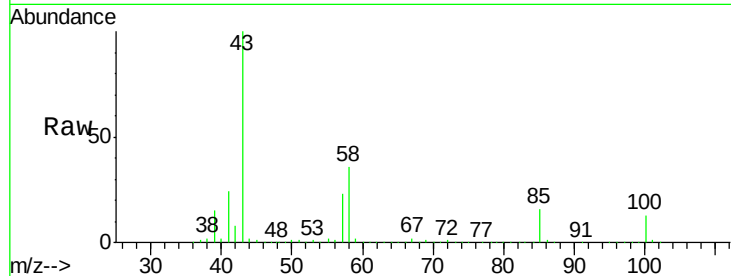
58 35.6 28.6 42.8

Manual Integrations

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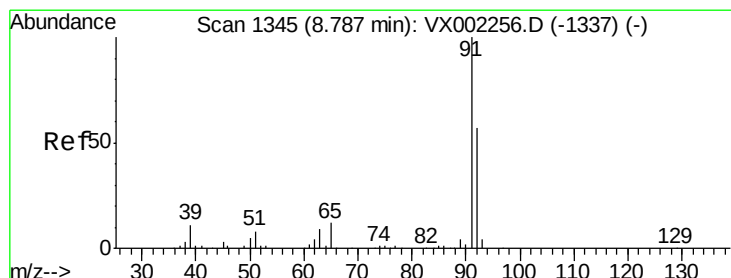
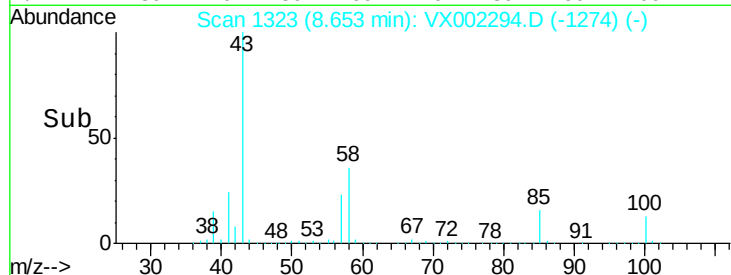
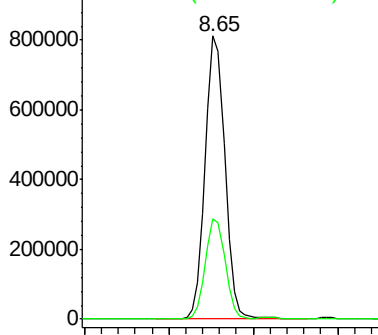
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.904 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002294.D

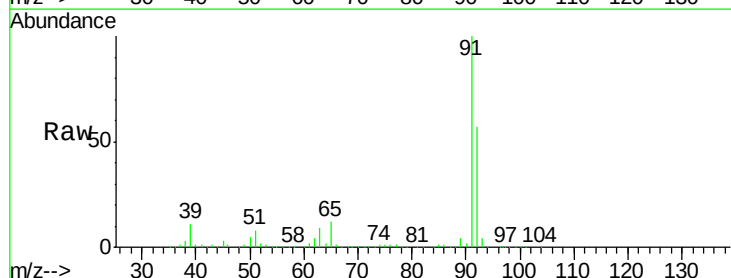
Acq: 05 Jun 2018 07:11

Tgt Ion: 92 Resp: 408699

Ion Ratio Lower Upper

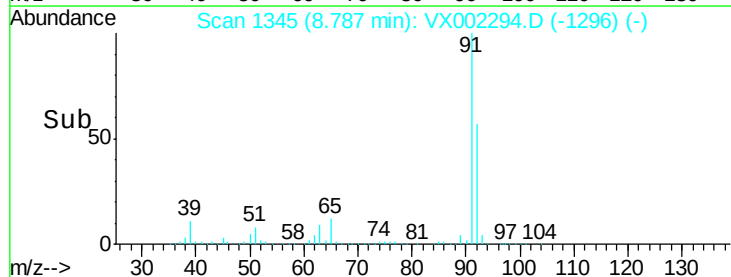
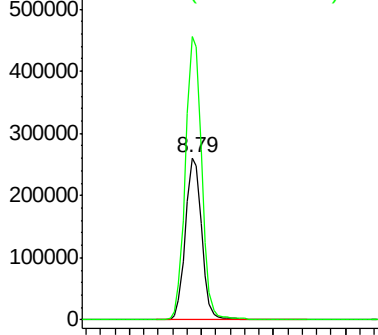
92 100

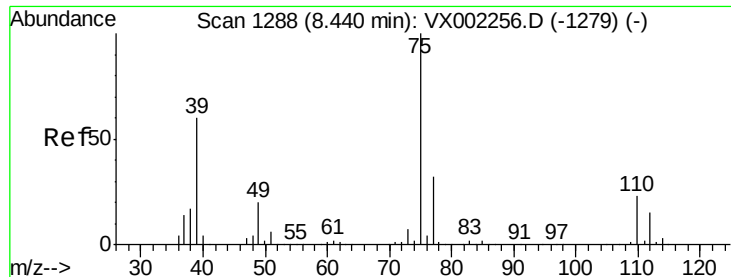
91 175.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





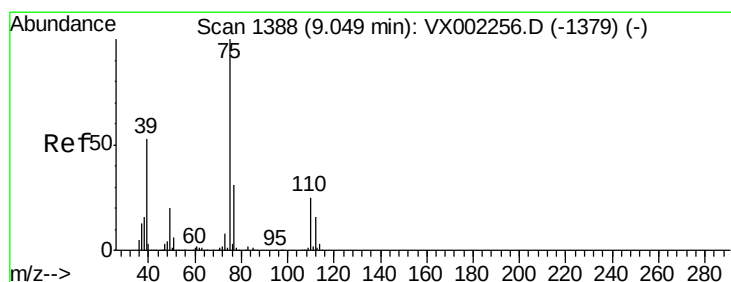
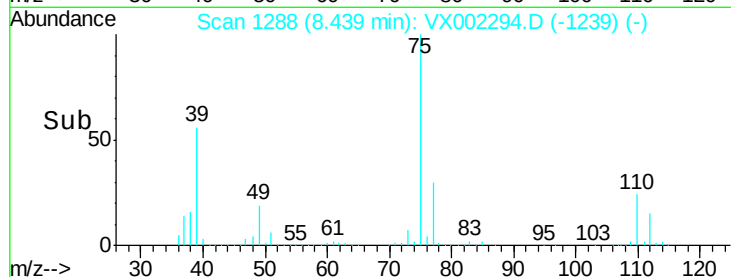
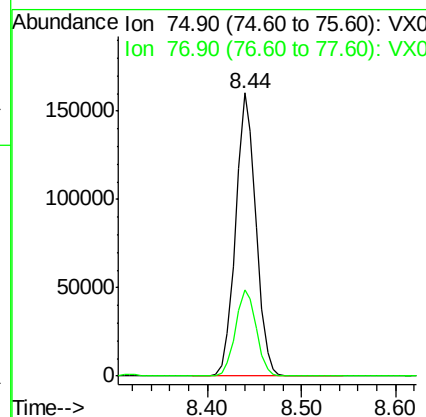
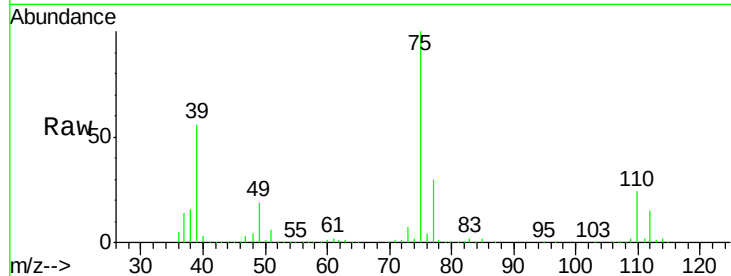
#53
t-1,3-Dichloropropene
Concen: 47.703 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.4	38.2

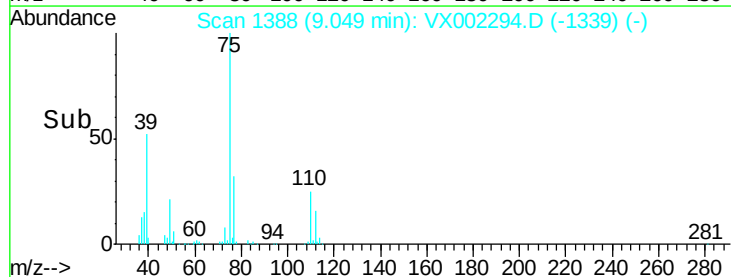
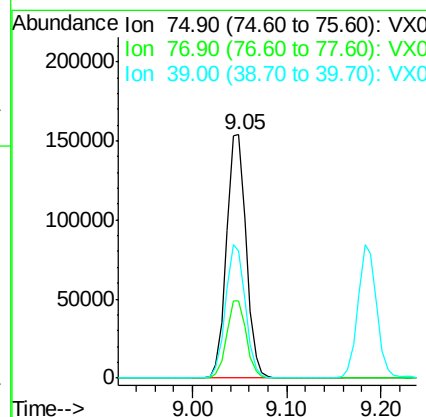
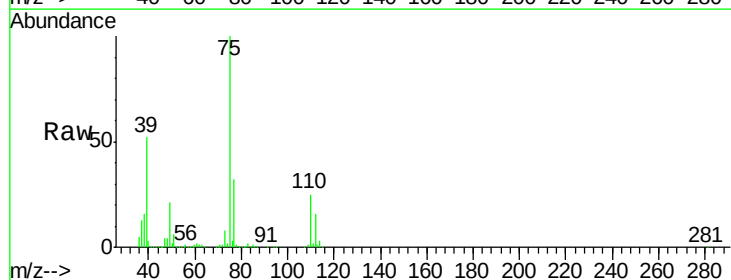
Manual Integrations
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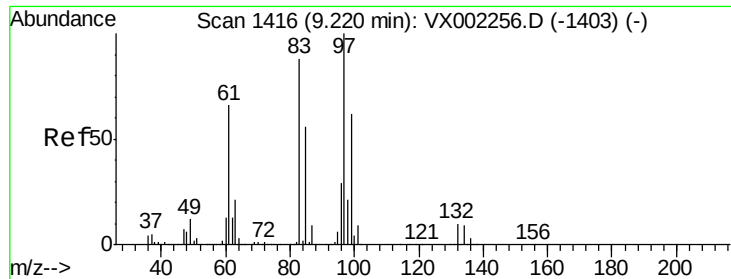
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#54
cis-1,3-Dichloropropene
Concen: 47.080 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.8	37.2
39	52.2	42.4	63.6





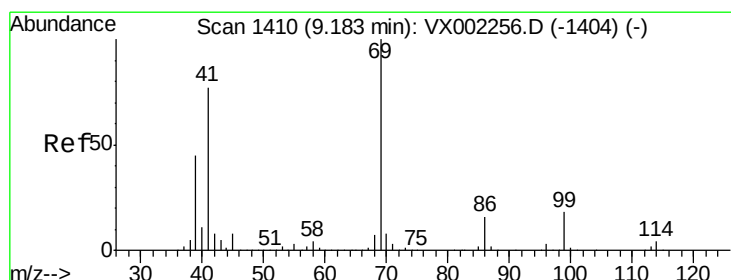
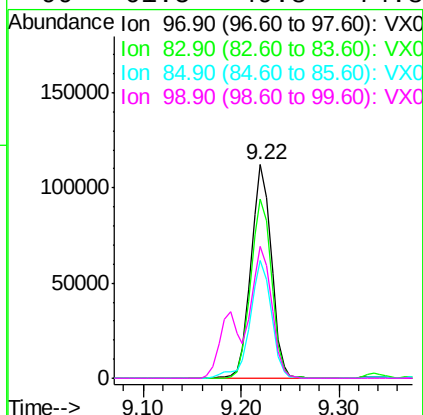
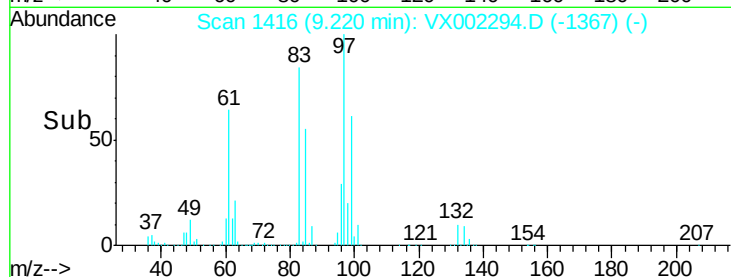
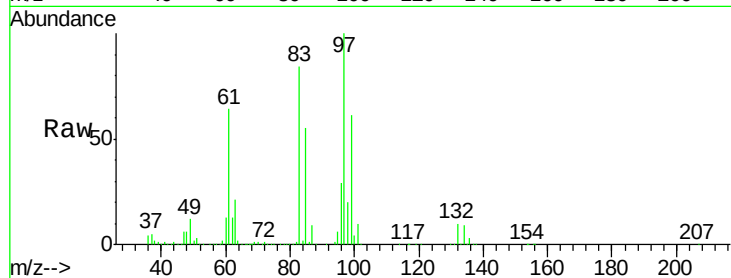
#55
 1,1,2-Trichloroethane
 Concen: 49.670 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.2	105.2
85	55.1	44.9	67.3
99	61.5	49.8	74.8

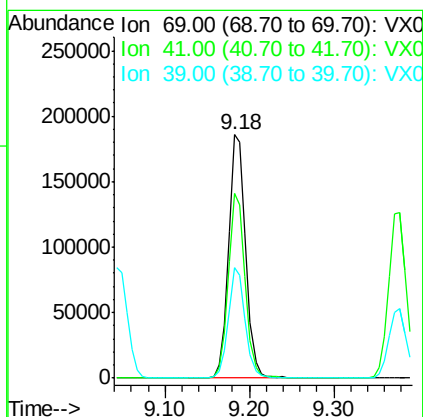
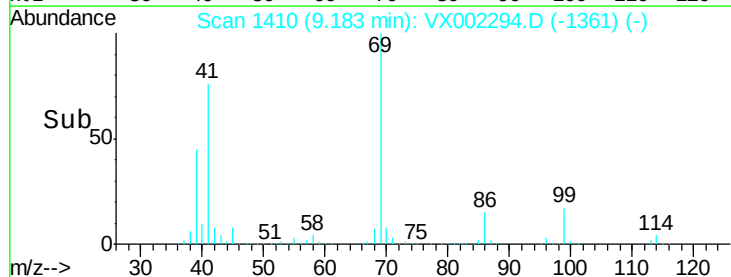
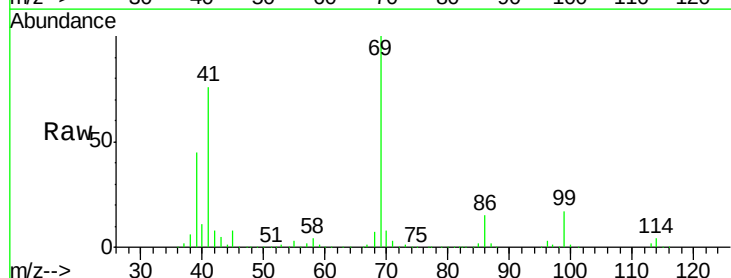
Manual Integrations
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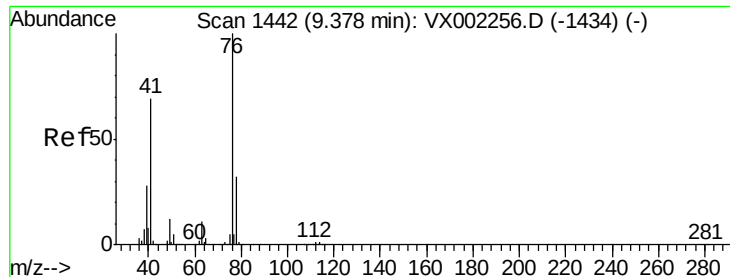
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#56
 Ethyl methacrylate
 Concen: 48.924 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.7	60.3	90.5
39	44.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.987 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 271379

Ion Ratio Lower Upper

76 100

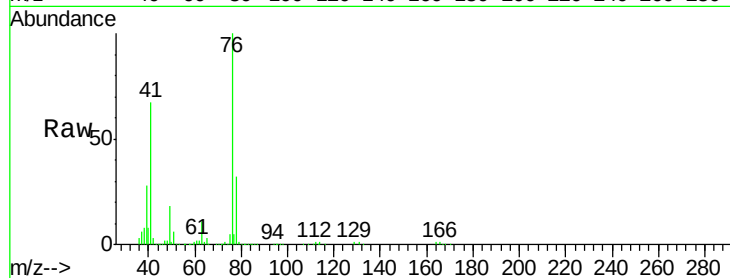
78 32.0 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

150000

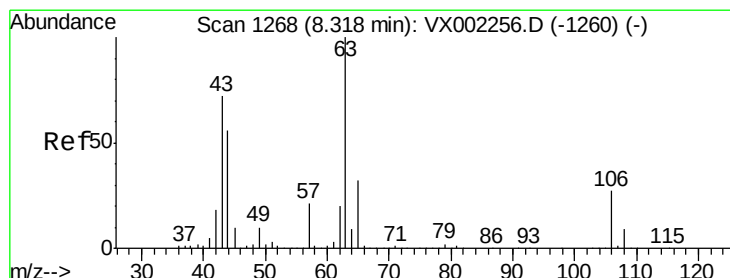
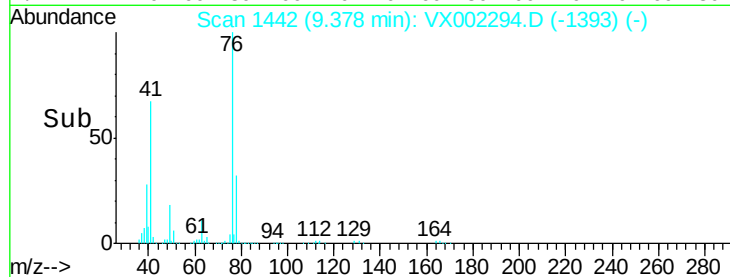
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 246.692 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002294.D

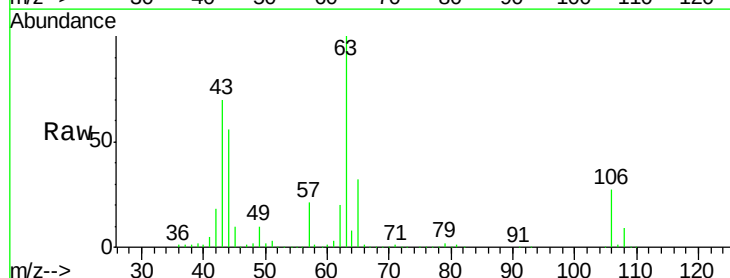
Acq: 05 Jun 2018 07:11

Tgt Ion: 63 Resp: 601949

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

300000

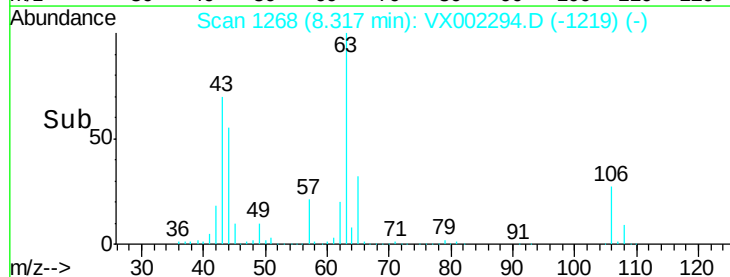
200000

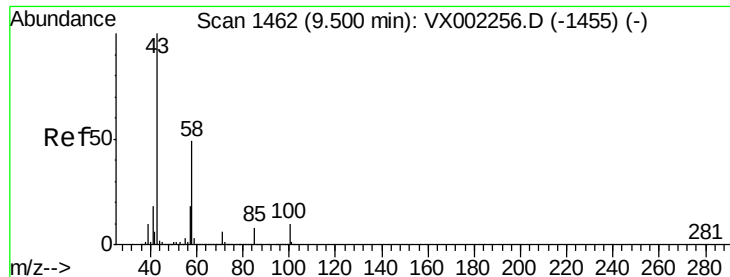
100000

0

8.20 8.30 8.40

Time-->





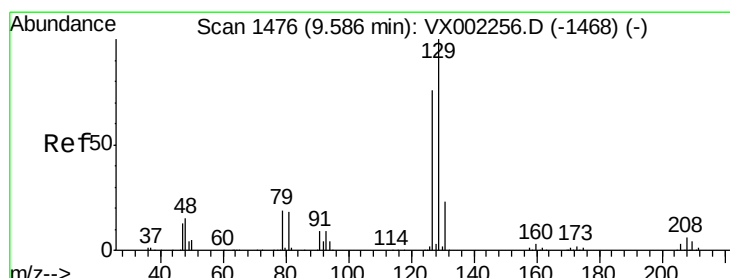
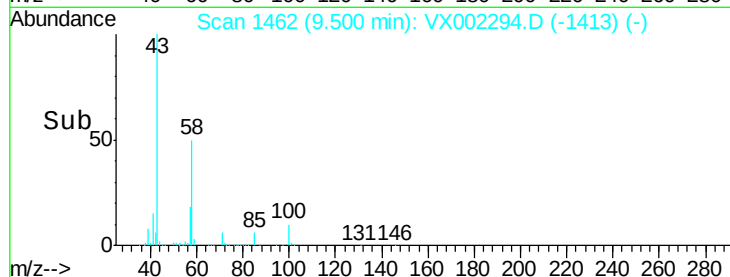
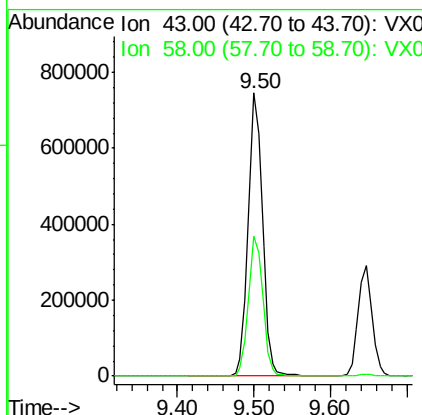
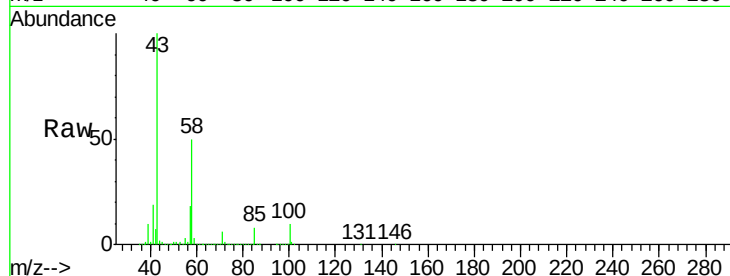
#59
2-Hexanone
Concen: 242.333 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 980274
Ion Ratio Lower Upper
43 100
58 50.0 24.6 73.6

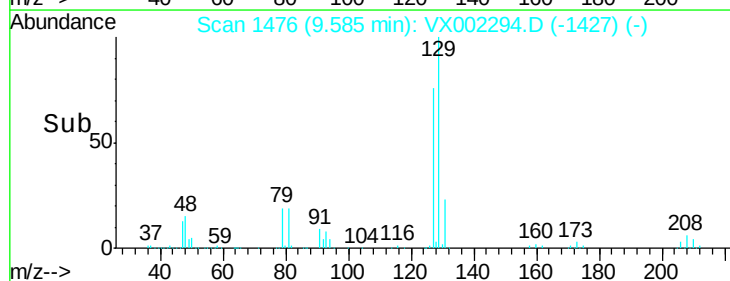
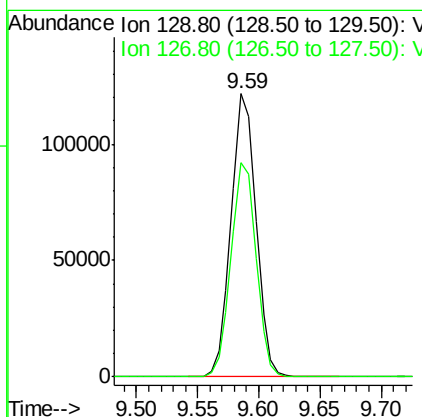
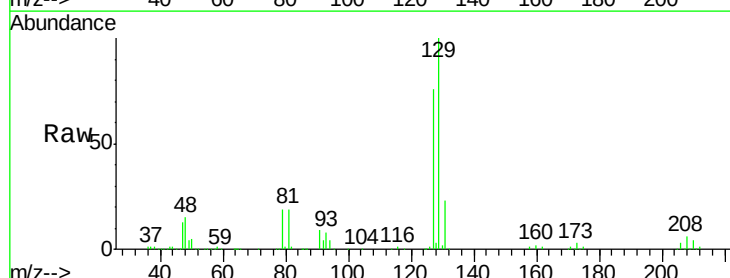
Manual Integrations
APPROVED

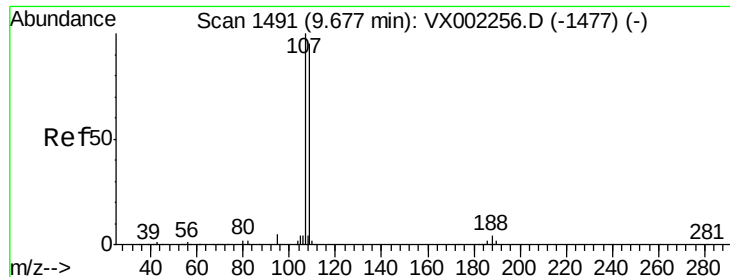
MMDadoda
6/5/2018 5:56:14 PM



#60
Dibromochloromethane
Concen: 51.705 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion: 129 Resp: 171737
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.952 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 175432

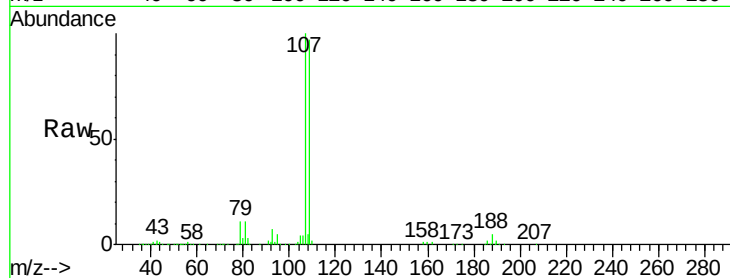
Ion Ratio Lower Upper

107 100

109 93.2 75.3 112.9

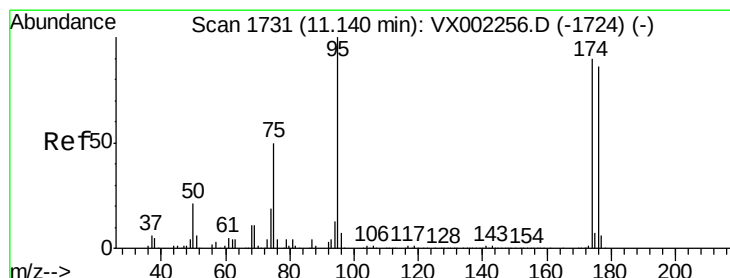
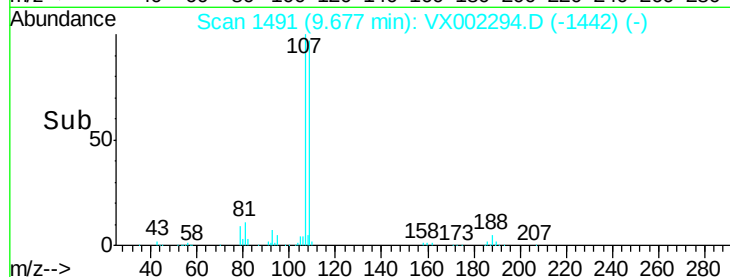
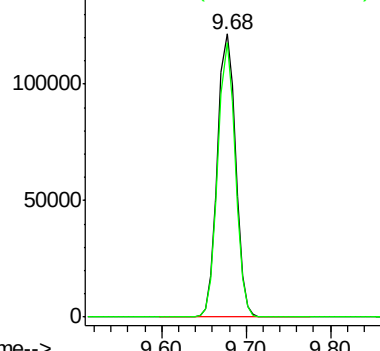
Manual Integrations
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MMDadoda
6/5/2018 5:56:14 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.783 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

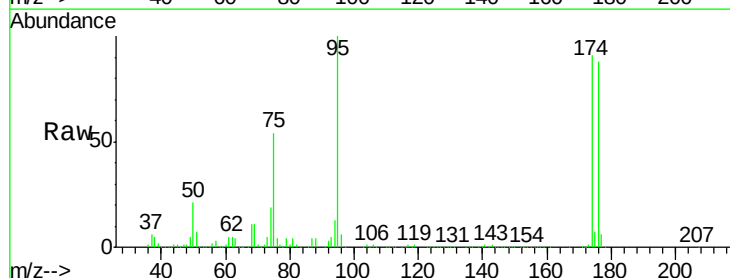
Tgt Ion: 95 Resp: 208403

Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.4

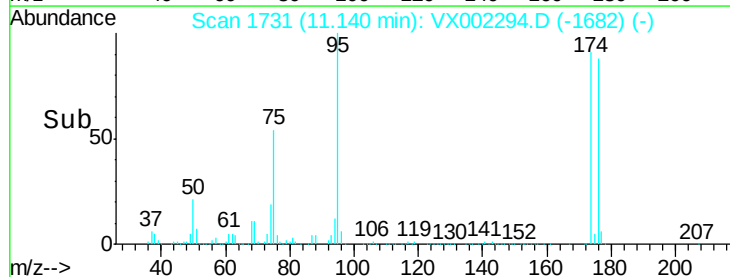
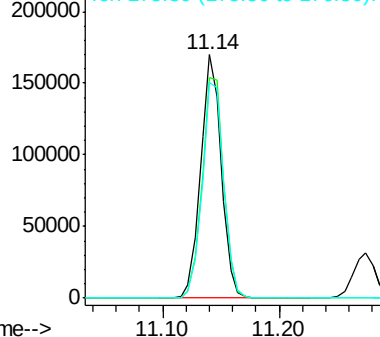
176 92.8 0.0 181.0

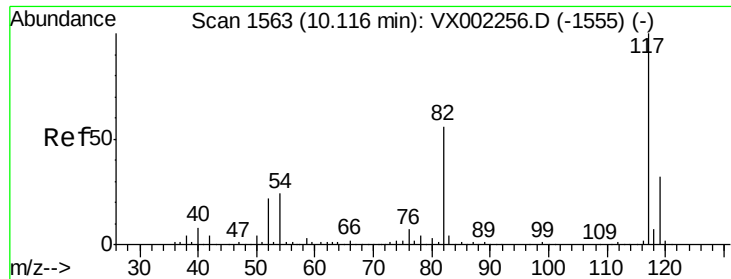


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





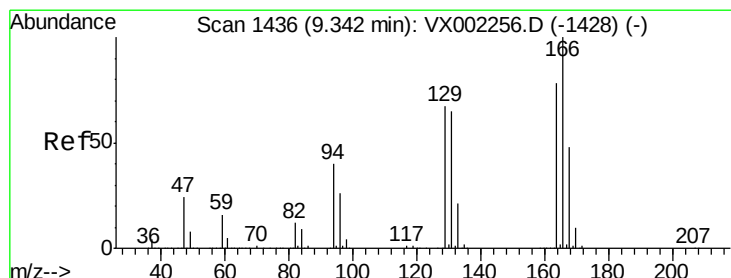
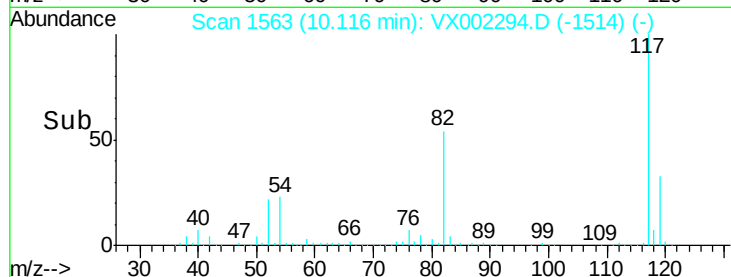
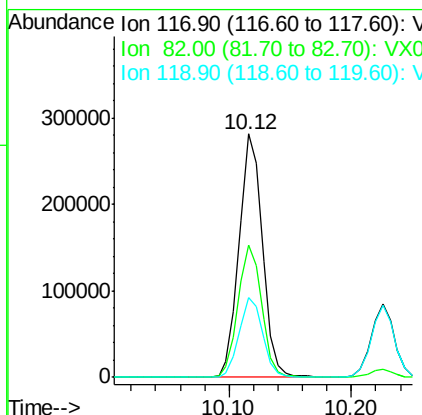
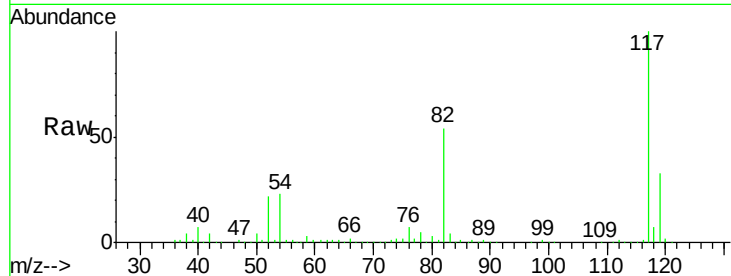
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.0	67.4
119	32.5	25.8	38.6

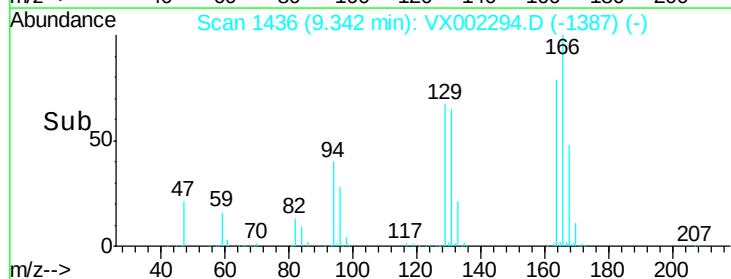
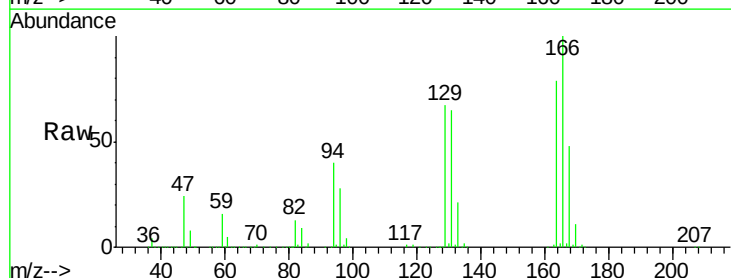
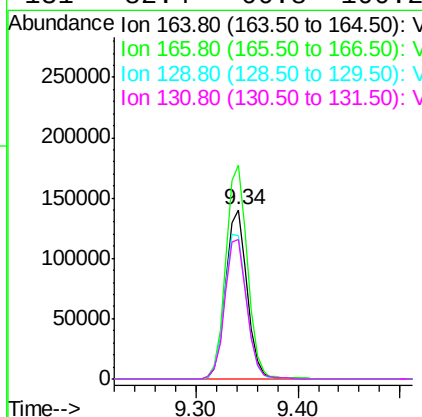
Manual Integrations
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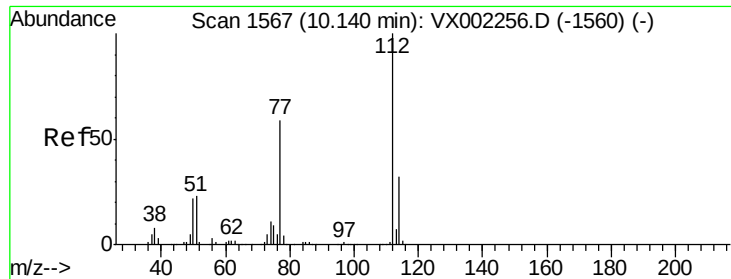
MMDadoda
6/5/2018 5:56:14 PM



#64
Tetrachloroethene
Concen: 52.773 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.9	154.3
129	84.9	68.6	102.8
131	82.4	66.8	100.2





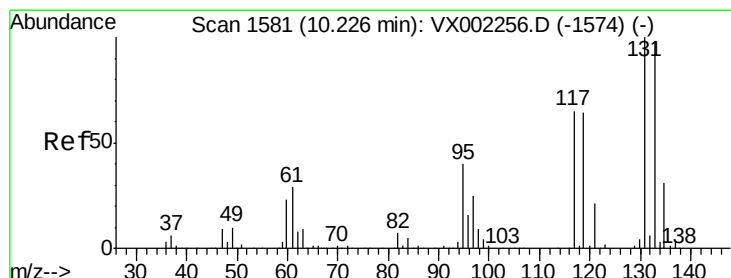
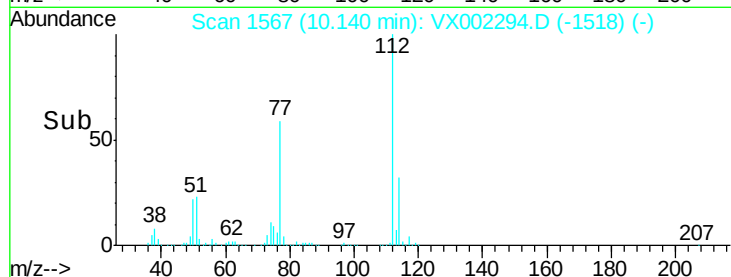
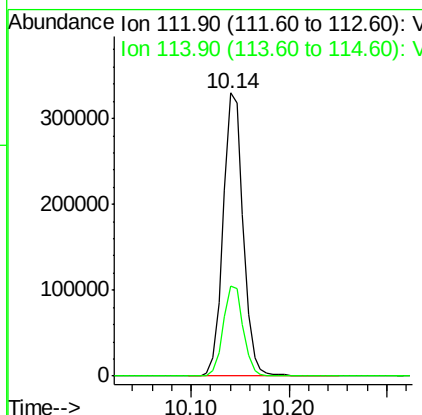
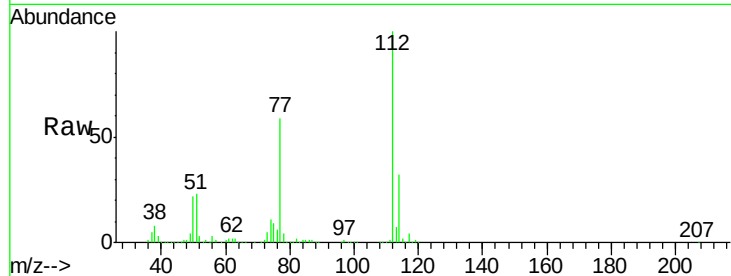
#65
Chlorobenzene
Concen: 50.334 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 466926
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

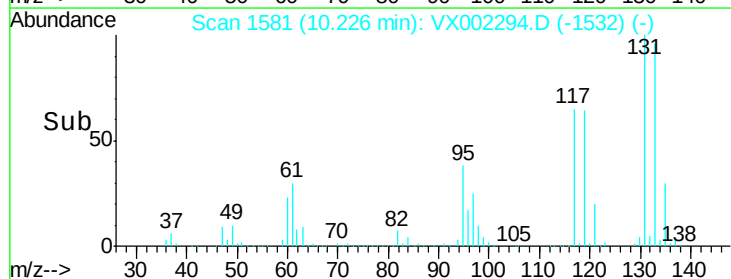
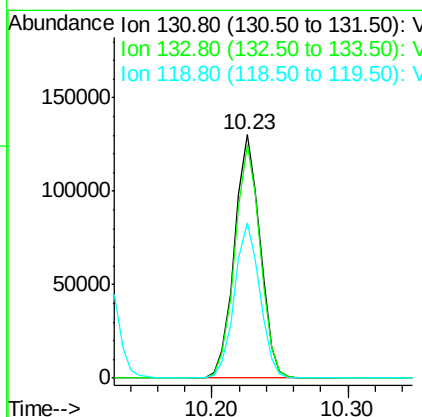
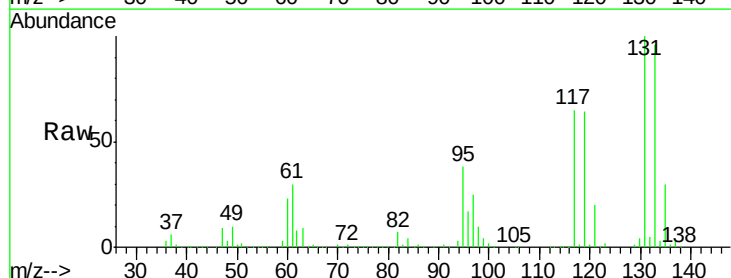
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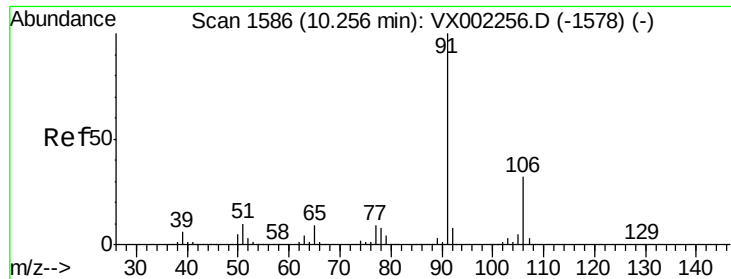
MMDadoda
6/5/2018 5:56:14 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.782 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion:131 Resp: 170574
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 63.3 31.8 95.3





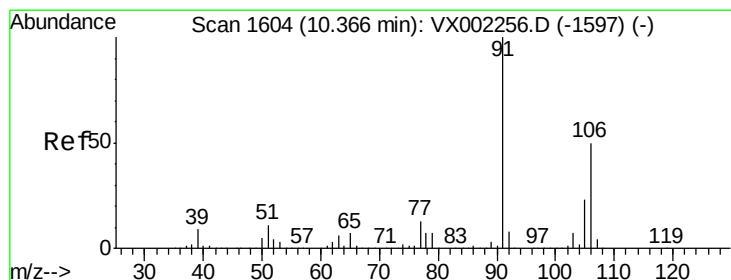
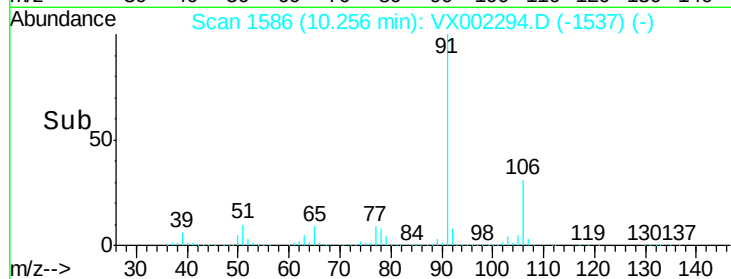
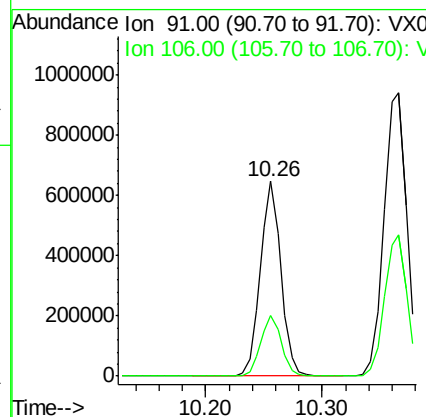
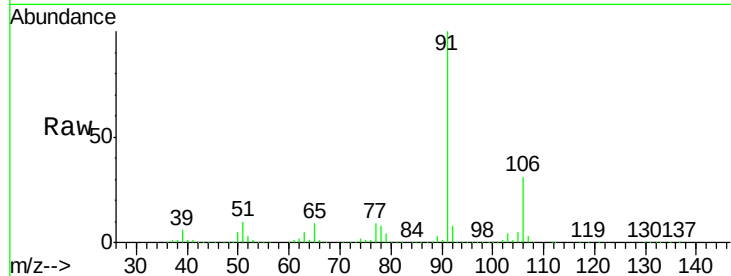
#67
Ethyl Benzene
Concen: 51.885 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 805487
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3

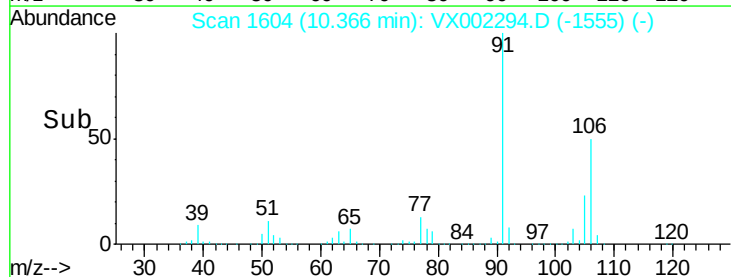
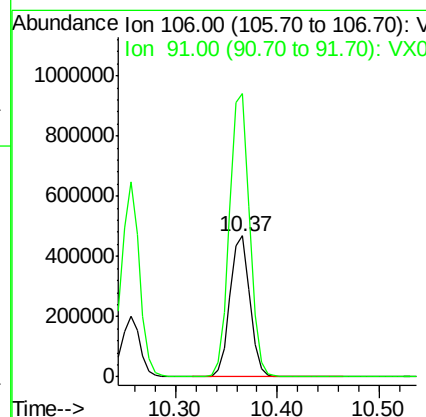
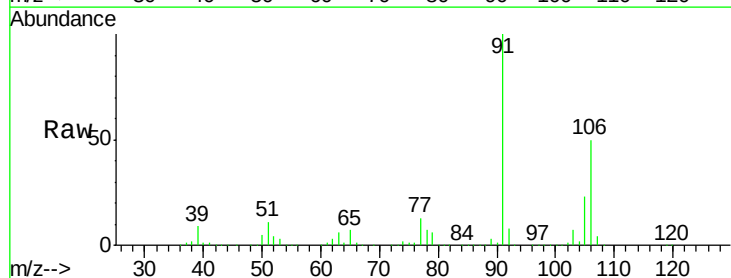
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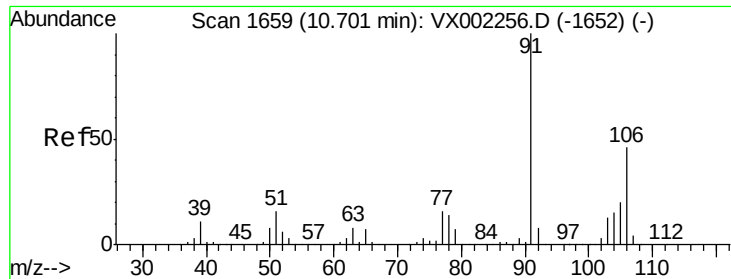
MMDadoda
6/5/2018 5:56:14 PM



#68
m/p-Xylenes
Concen: 104.701 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion: 106 Resp: 631843
Ion Ratio Lower Upper
106 100
91 204.4 163.4 245.2





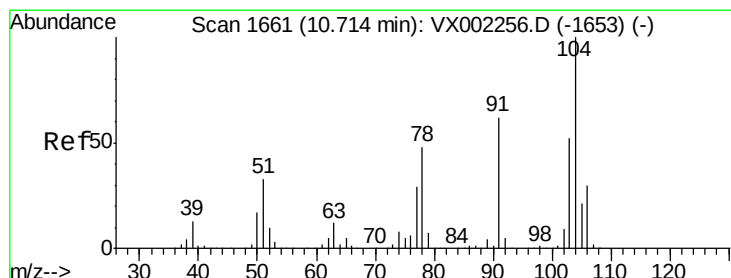
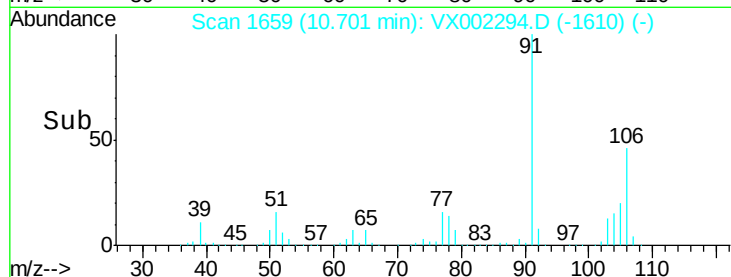
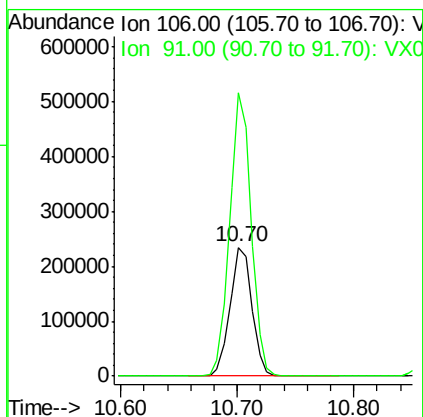
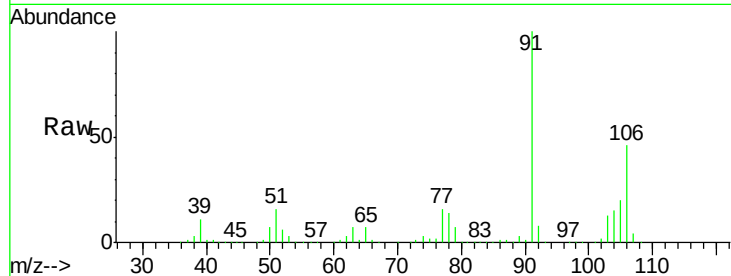
#69
o-Xylene
Concen: 51.587 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 309805
Ion Ratio Lower Upper
106 100
91 214.6 108.2 324.6

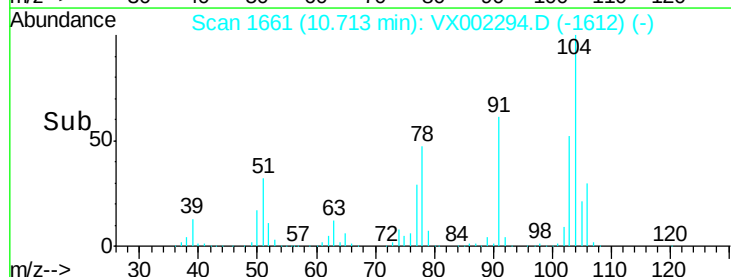
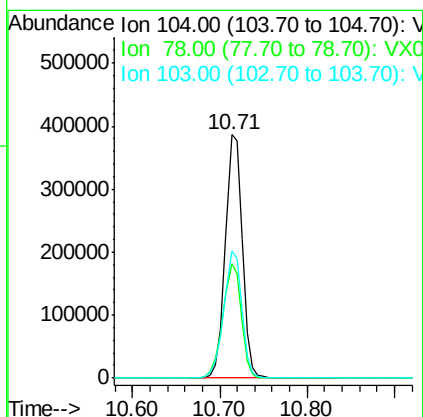
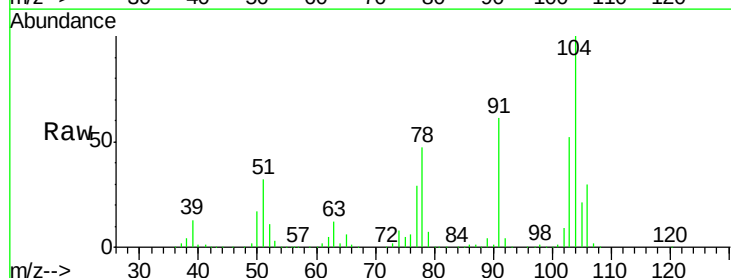
Manual Integrations
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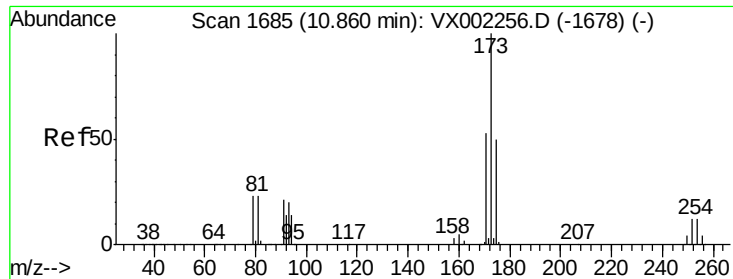
MMDadoda
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#70
Styrene
Concen: 52.644 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion:104 Resp: 516841
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 55.6 44.2 66.4





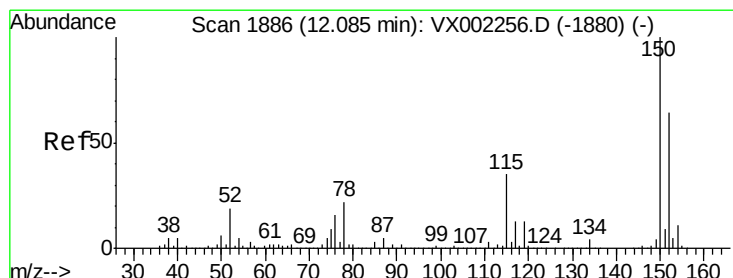
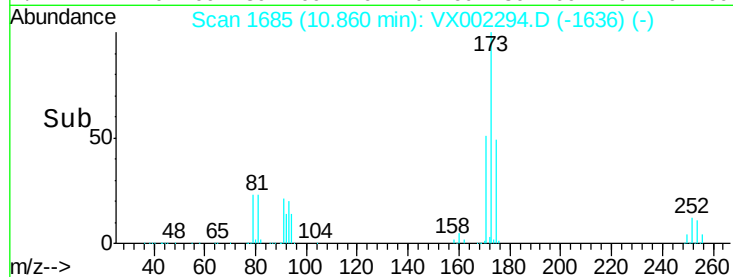
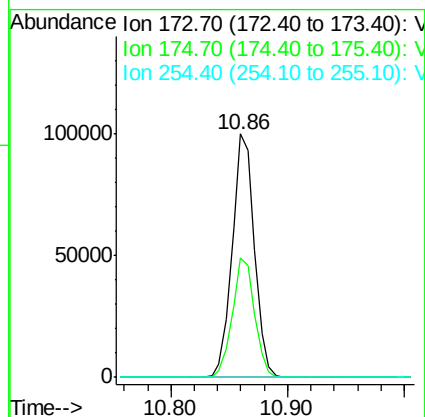
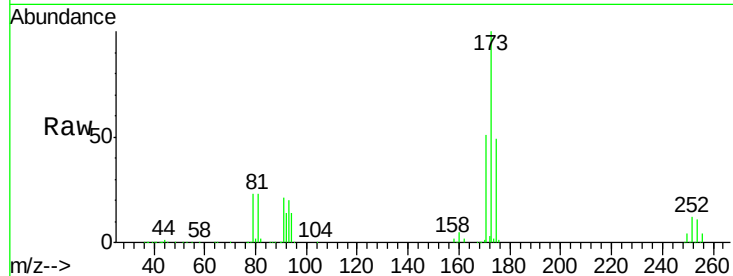
#71
Bromoform
Concen: 44.331 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.2	0.2	0.2

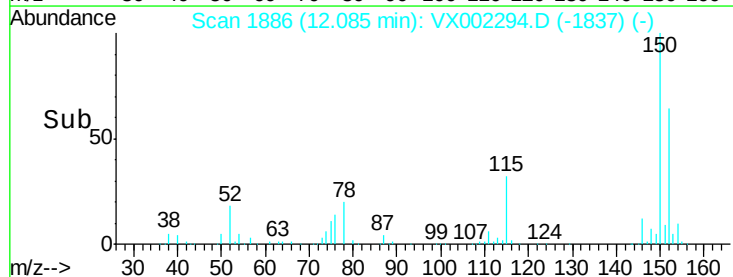
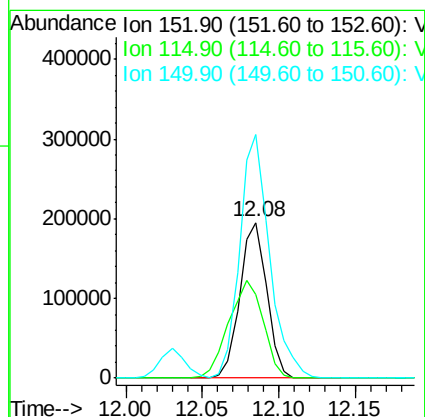
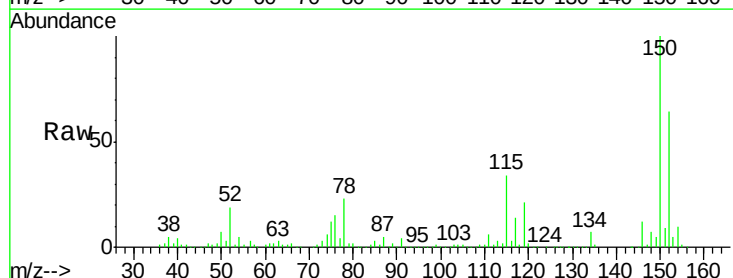
Manual Integrations
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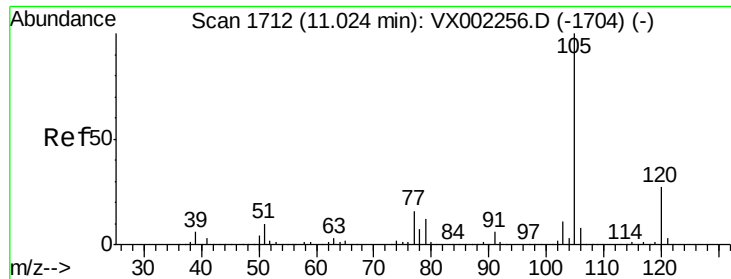
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.8	40.1	120.2
150	172.8	0.0	347.2





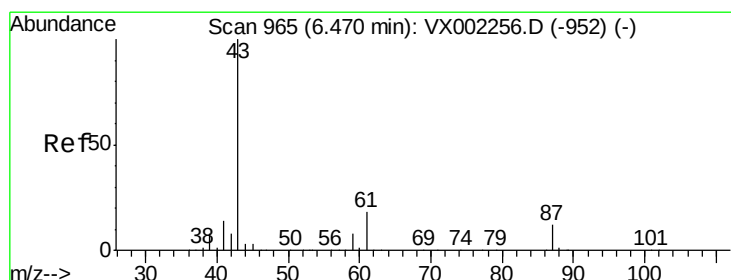
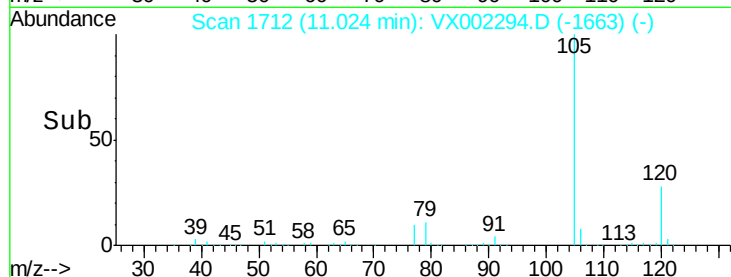
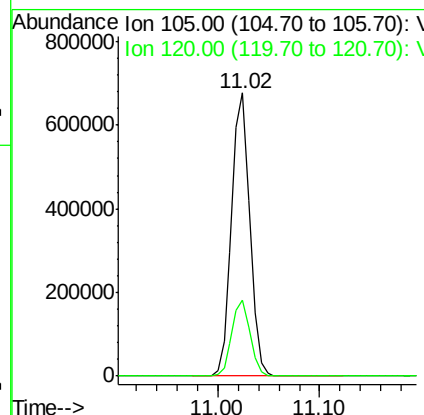
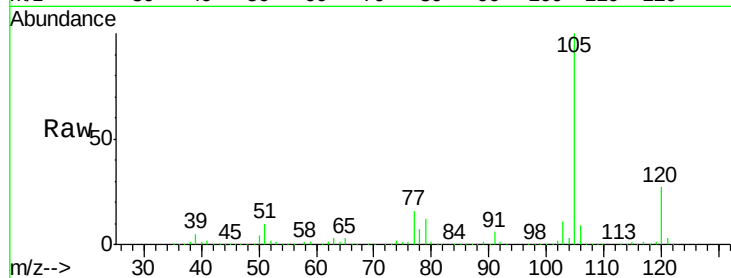
#73
Isopropylbenzene
Concen: 50.376 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4

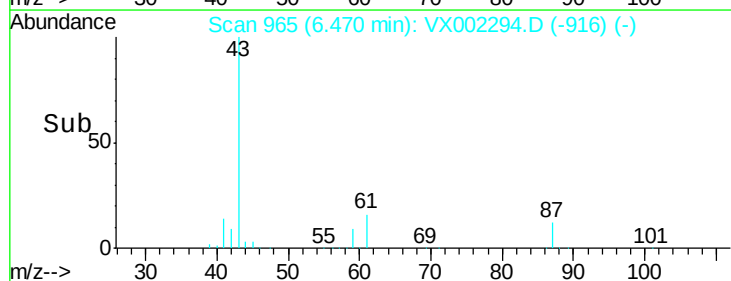
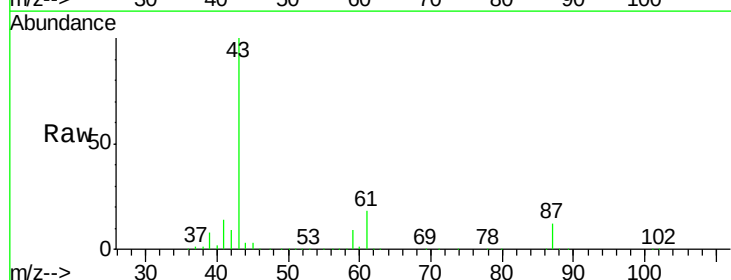
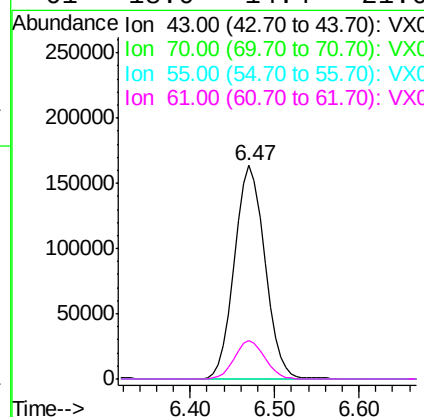
Manual Integrations
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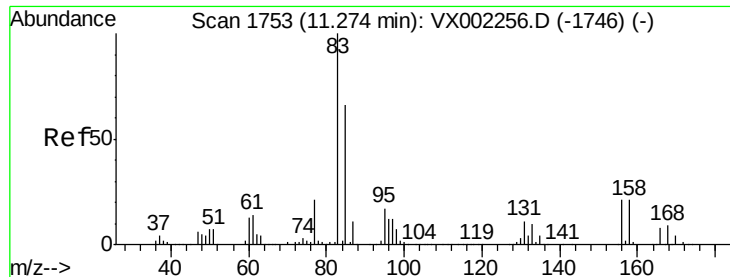
MMDadoda
6/5/2018 5:56:14 PM



#74
N-ethyl acetate
Concen: 44.742 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	18.0	14.4	21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.457 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 242178

Ion Ratio Lower Upper

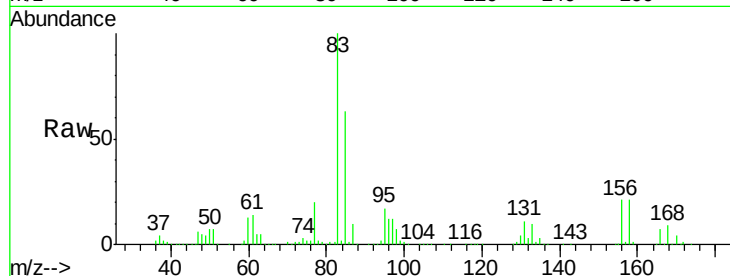
83 100

131 11.2 5.6 16.8

85 64.6 32.4 97.2

Manual Integrations
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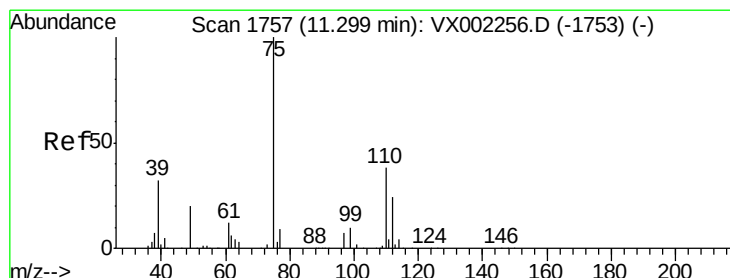
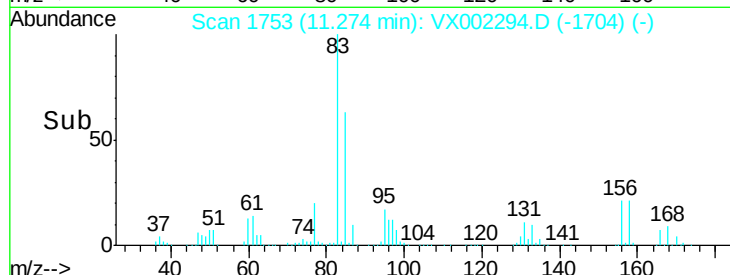
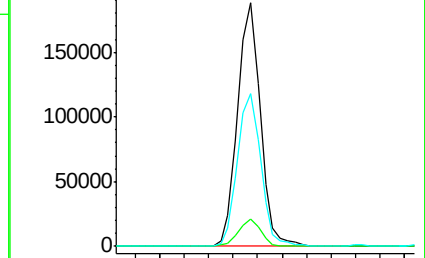
MMDadoda
6/5/2018 5:56:14 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 46.132 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002294.D

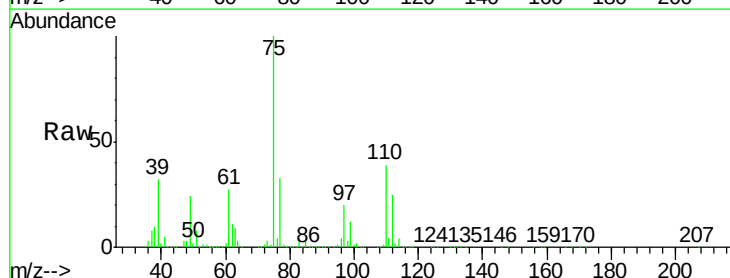
Acq: 05 Jun 2018 07:11

Tgt Ion: 75 Resp: 241183

Ion Ratio Lower Upper

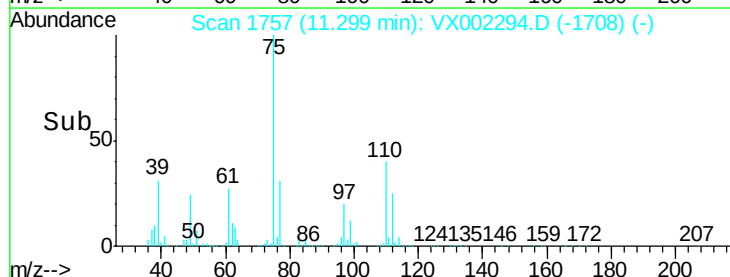
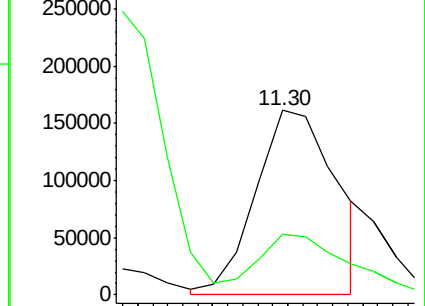
75 100

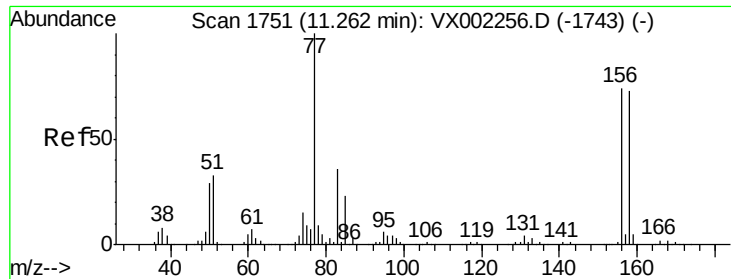
77 37.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.877 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 227432

Ion Ratio Lower Upper

156 100

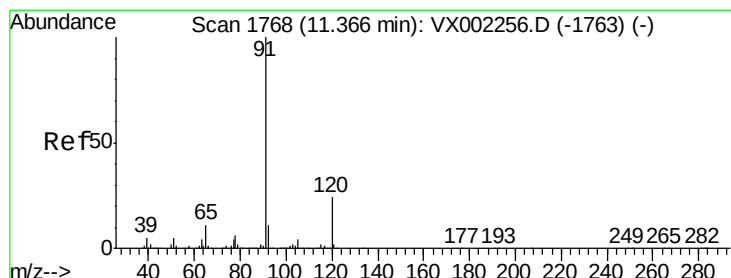
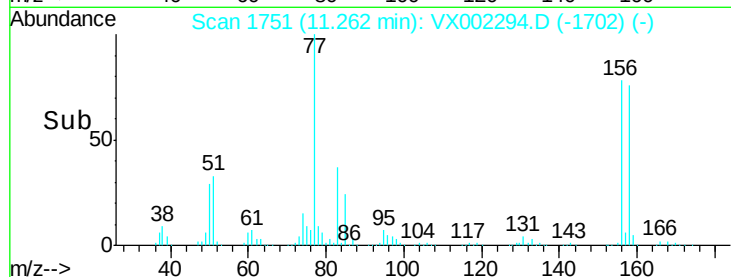
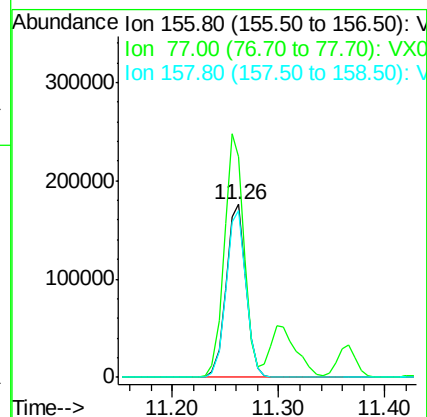
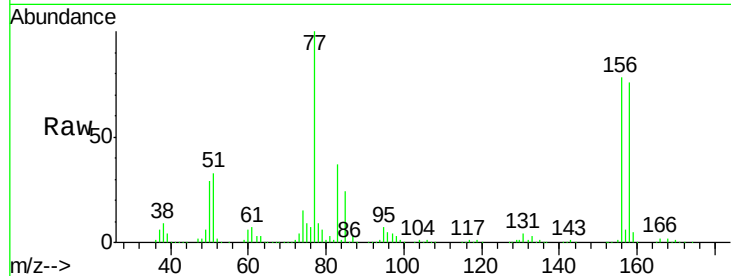
77 139.8 71.4 214.2

158 97.4 48.9 146.6

Manual Integrations
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6/5/2018 5:56:14 PM



#78

n-propylbenzene

Concen: 51.771 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002294.D

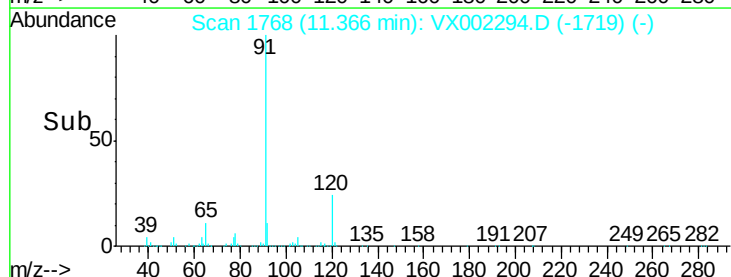
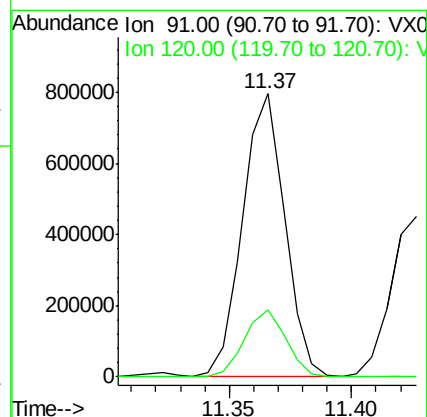
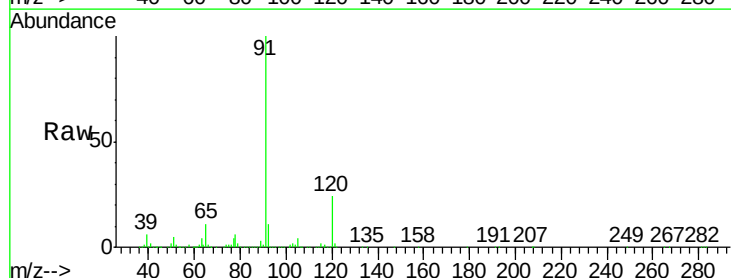
Acq: 05 Jun 2018 07:11

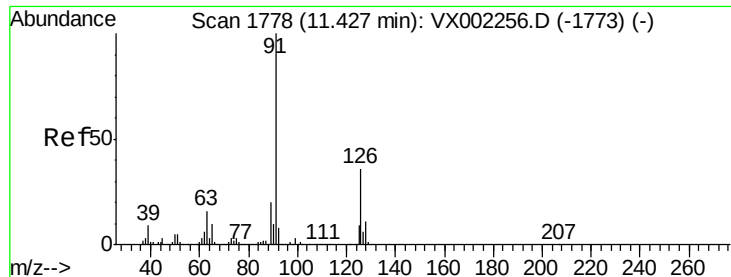
Tgt Ion: 91 Resp: 953739

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4





#79

2-Chlorotoluene

Concen: 48.214 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 560839

Ion Ratio Lower Upper

91 100

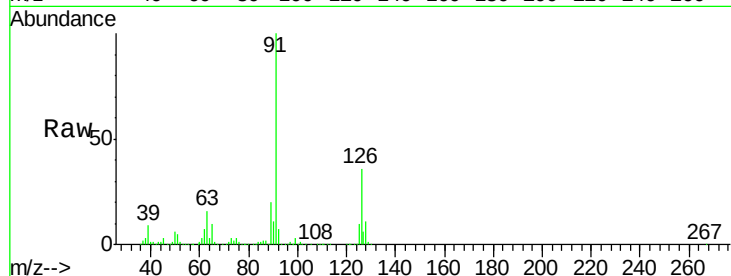
126 35.9 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002256.D (-1773) (-)

800000

600000

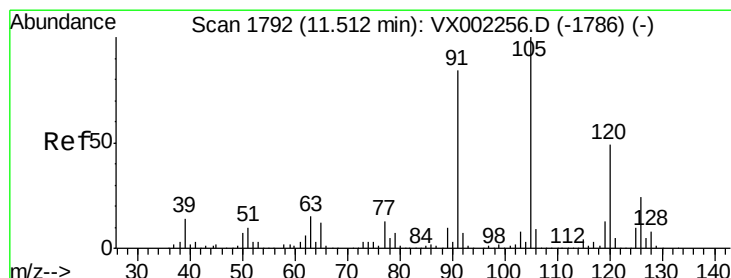
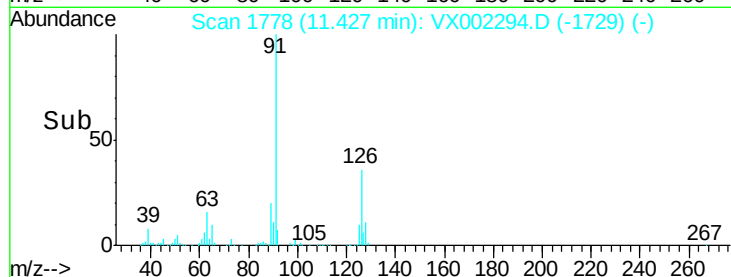
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.243 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002294.D

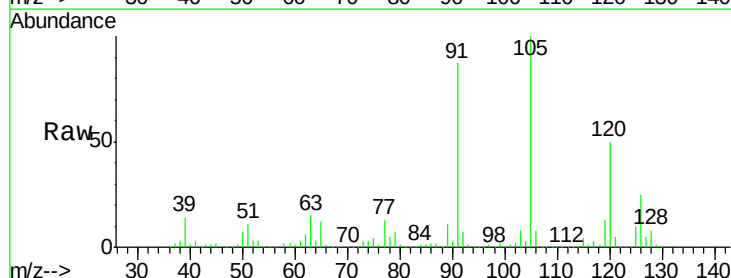
Acq: 05 Jun 2018 07:11

Tgt Ion: 105 Resp: 714273

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002256.D (-1786) (-)

600000

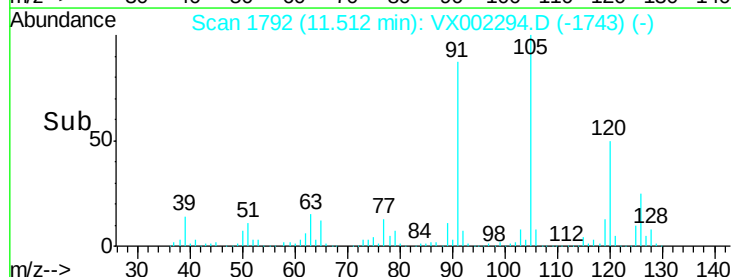
400000

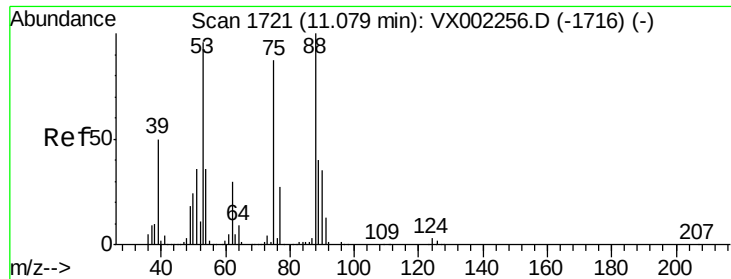
200000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 40.327 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

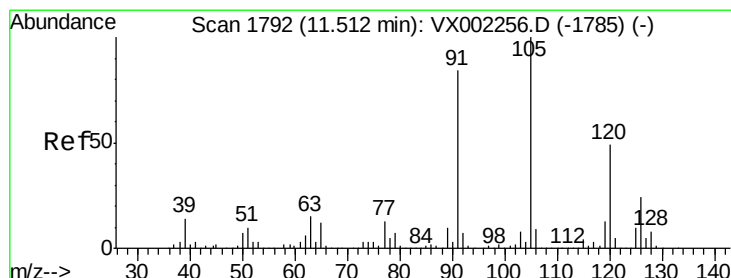
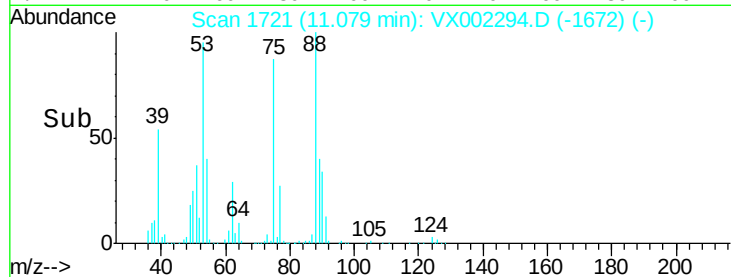
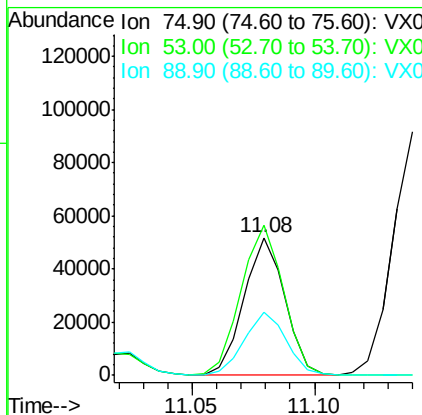
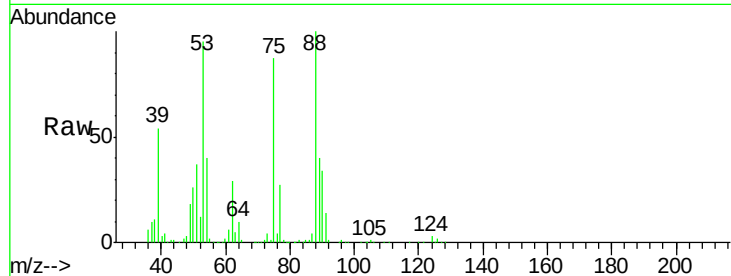
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	60145
Ion	Ratio	Lower	Upper
75	100		
53	113.6	86.8	130.2
89	47.0	38.2	57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.932 ug/l

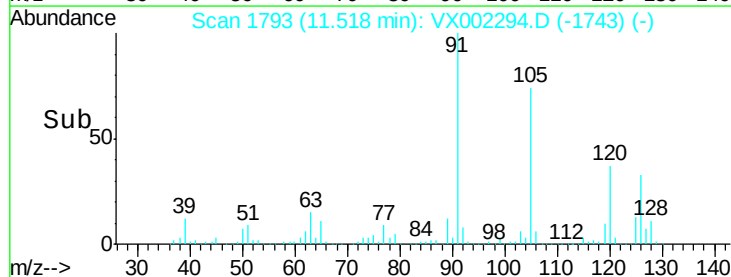
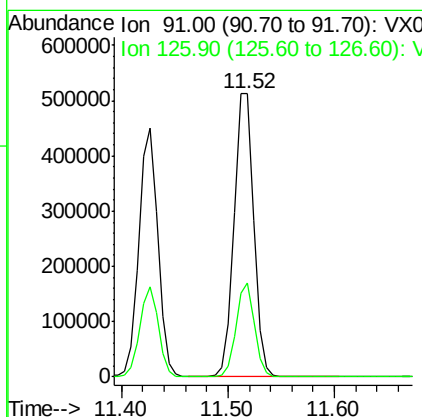
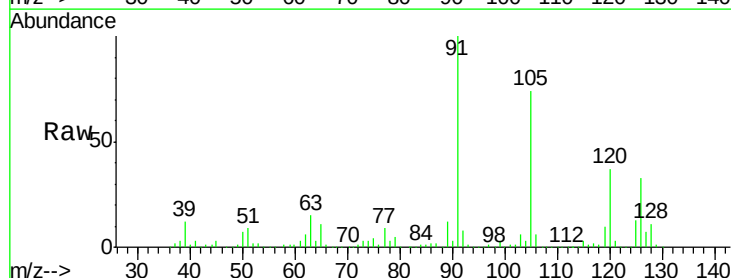
RT: 11.52 min Scan# 1793

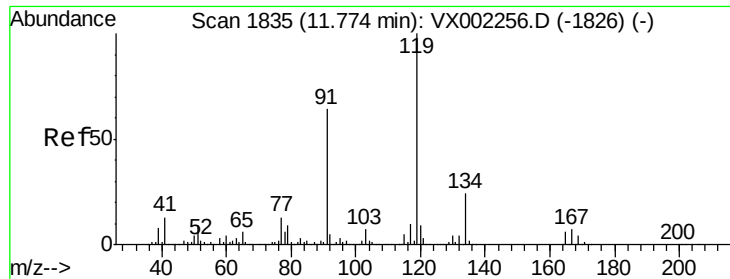
Delta R.T. 0.01 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Tgt Ion:	91	Resp:	670421
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.4





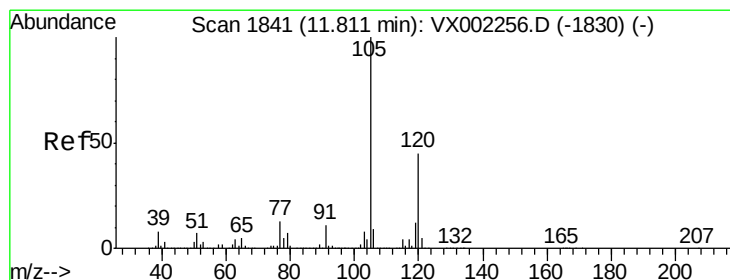
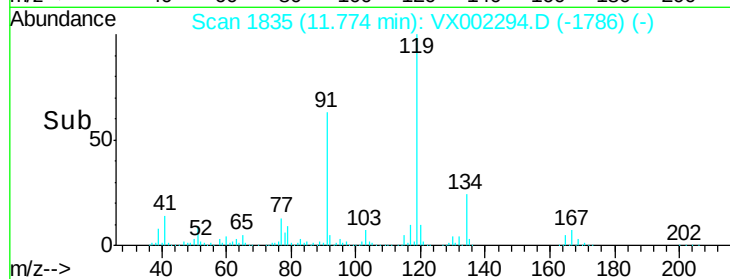
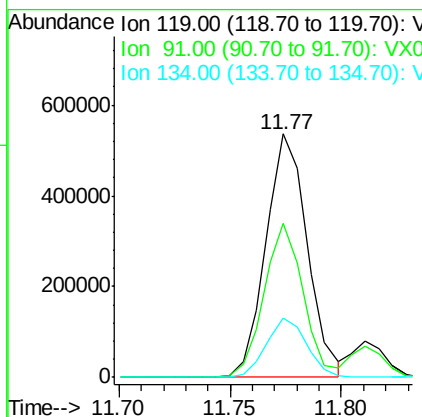
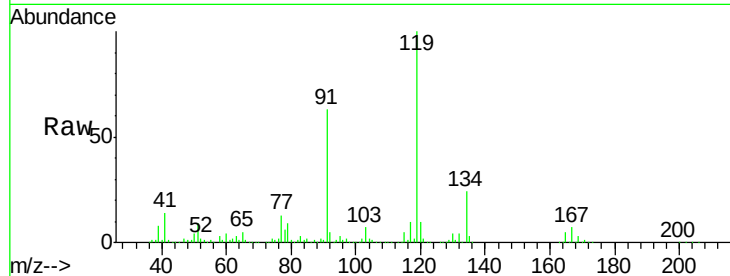
#83
 tert-Butylbenzene
 Concen: 49.990 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	692041		
91	60.1		30.3	90.9
134	23.9		11.7	35.1

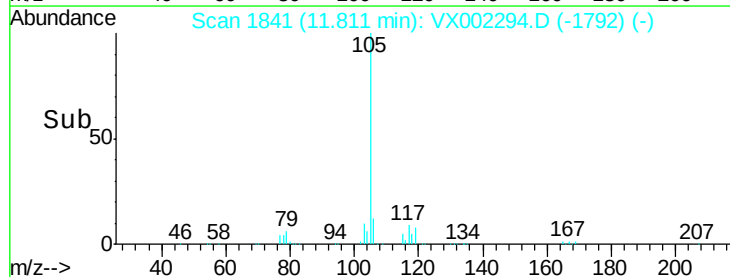
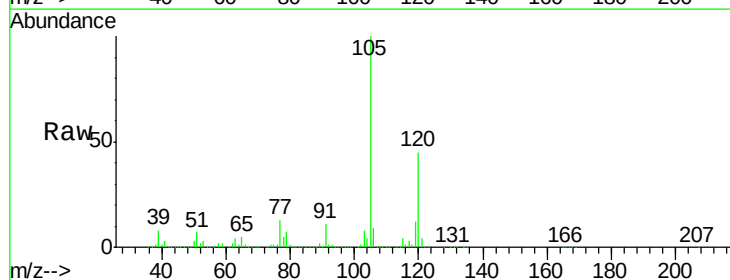
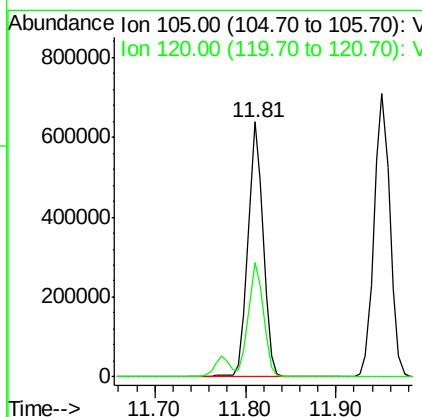
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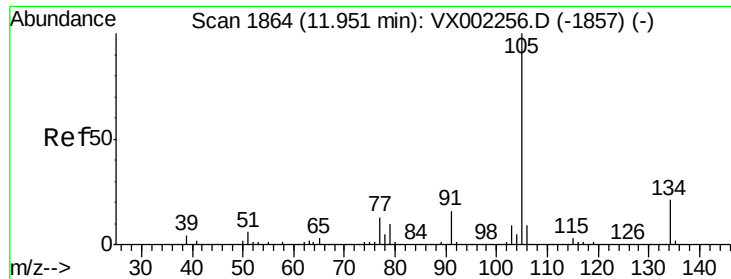
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.599 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	740465		
120	44.3		22.3	66.8





#85

sec-Butylbenzene

Concen: 52.923 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 858905

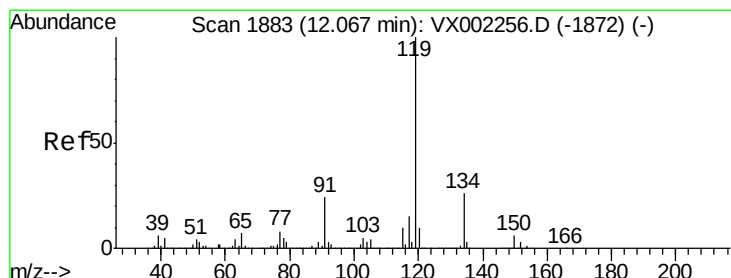
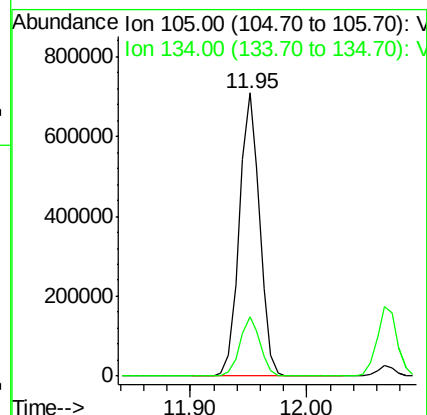
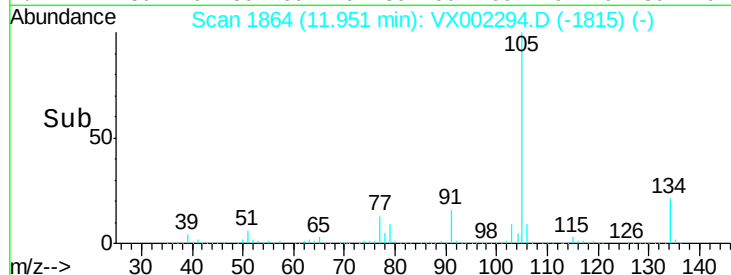
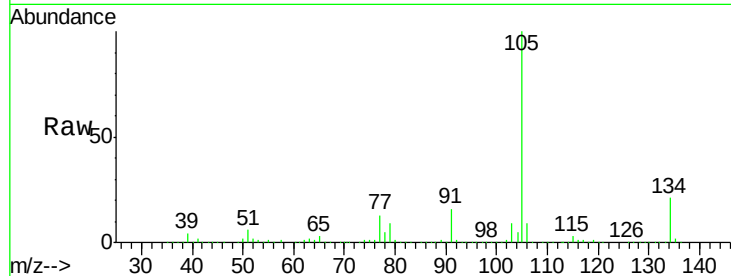
Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 51.988 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

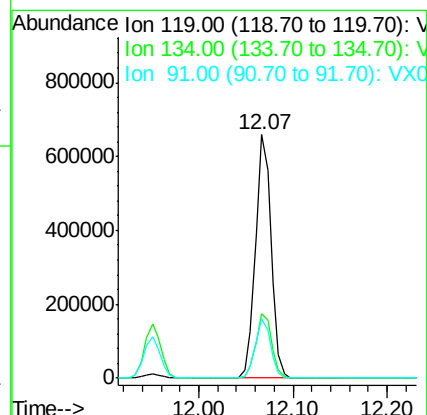
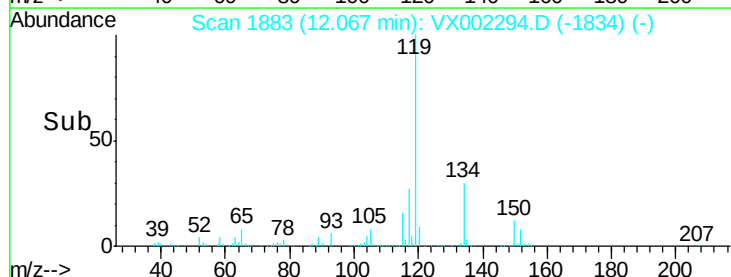
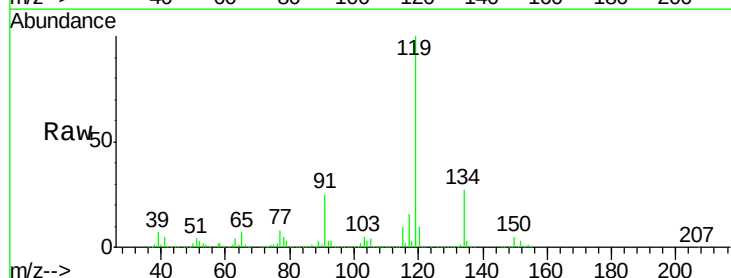
Tgt Ion:119 Resp: 768528

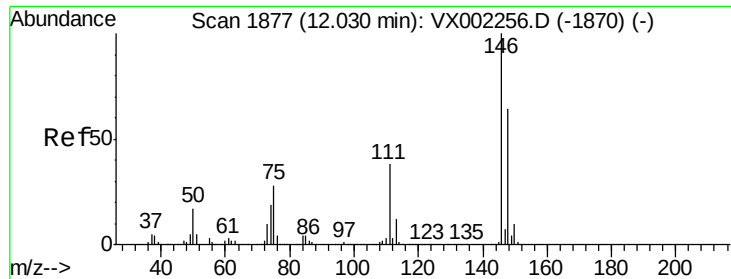
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 24.2 11.9 35.7





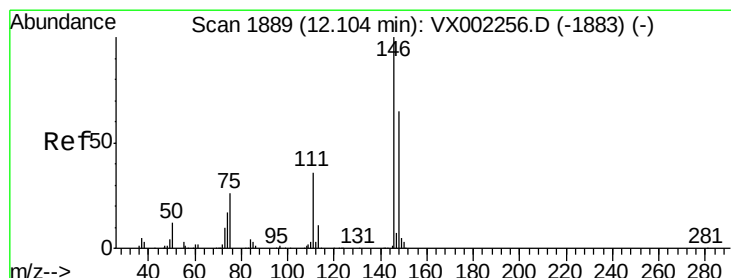
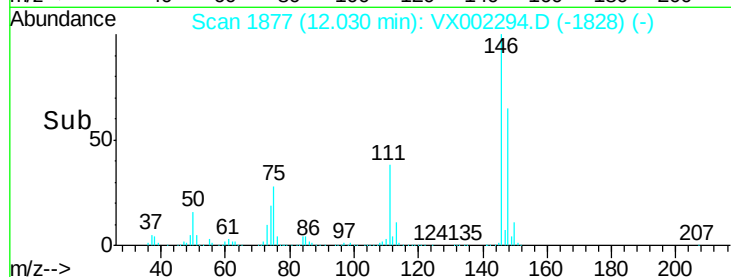
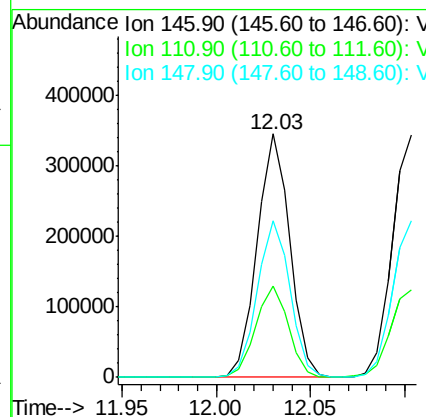
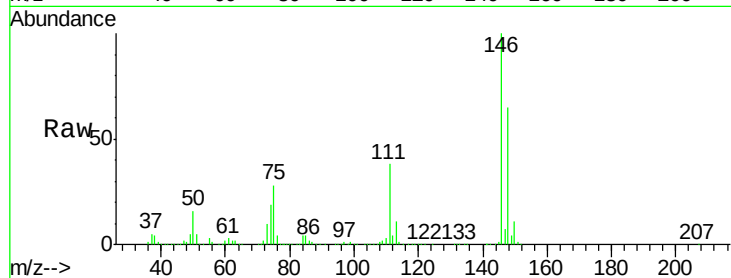
#87
 1,3-Dichlorobenzene
 Concen: 49.877 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.7
148	64.6	32.1	96.3

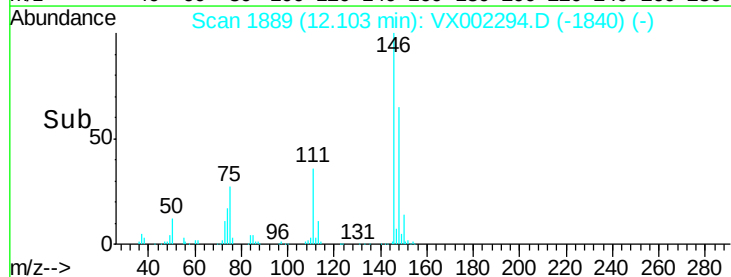
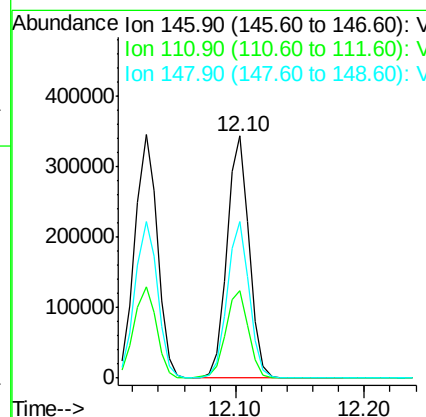
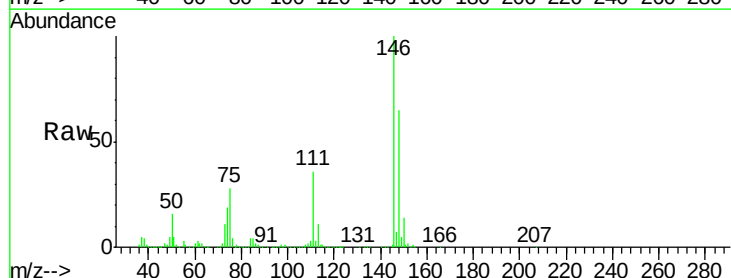
Manual Integrations
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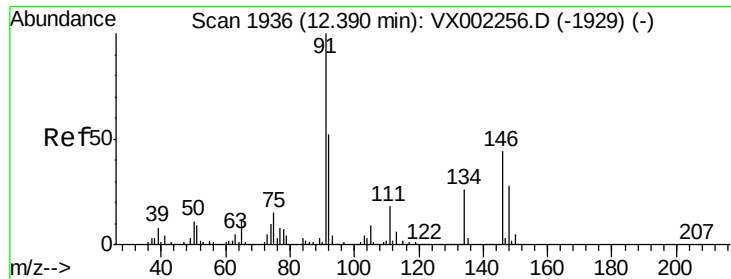
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 48.622 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	64.2	32.4	97.0





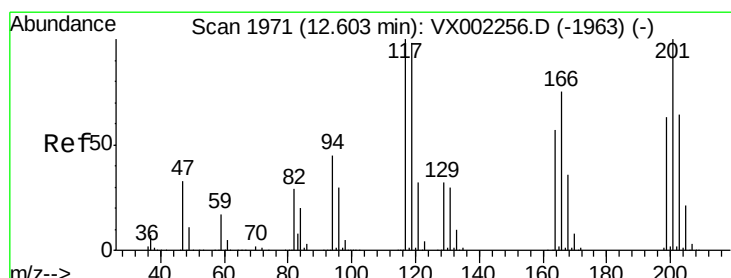
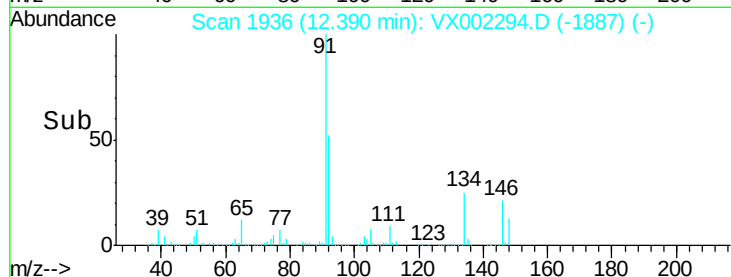
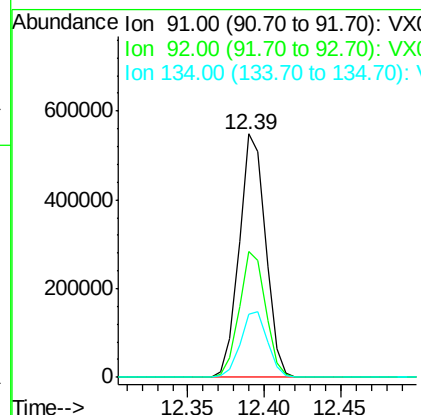
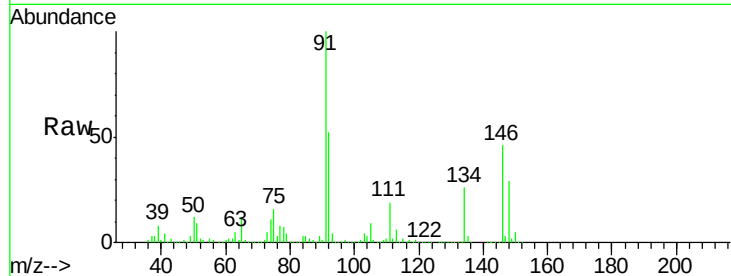
#89
n-Butylbenzene
Concen: 52.841 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.0	78.0
134	27.4	13.5	40.5

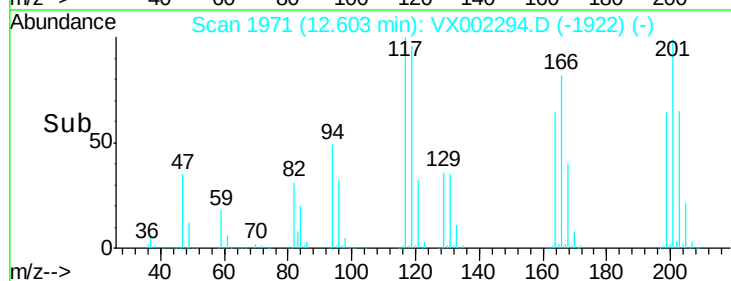
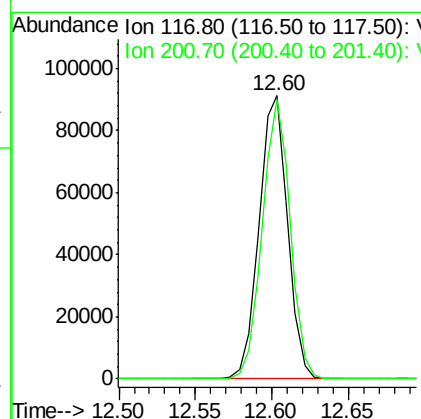
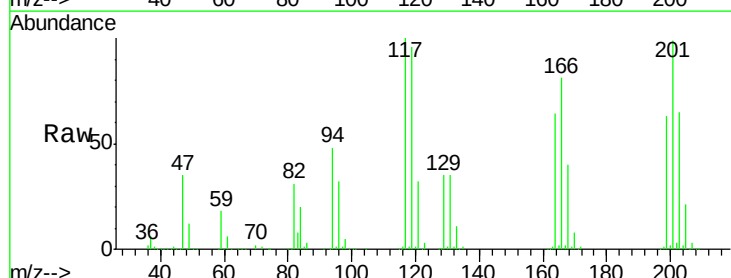
Manual Integrations
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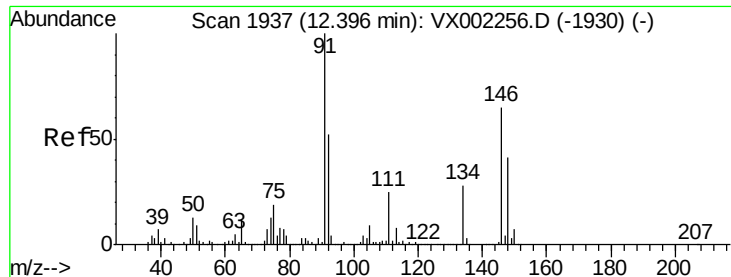
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#90
Hexachloroethane
Concen: 49.953 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.0	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 48.796 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Instrument :

MSVOA_X

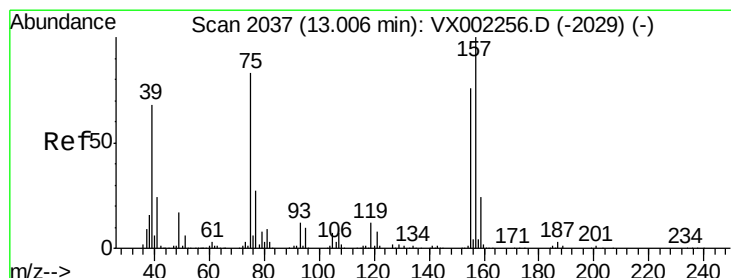
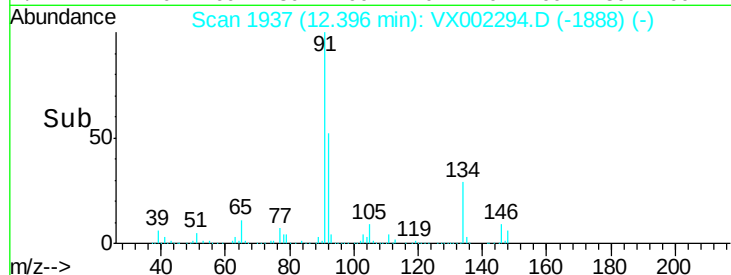
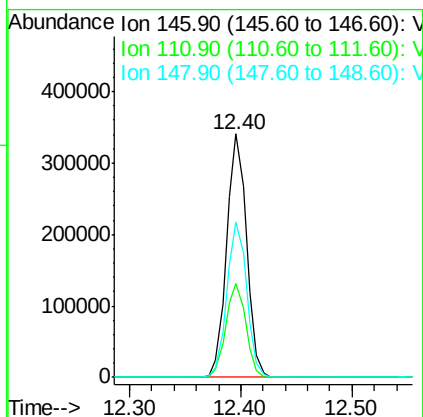
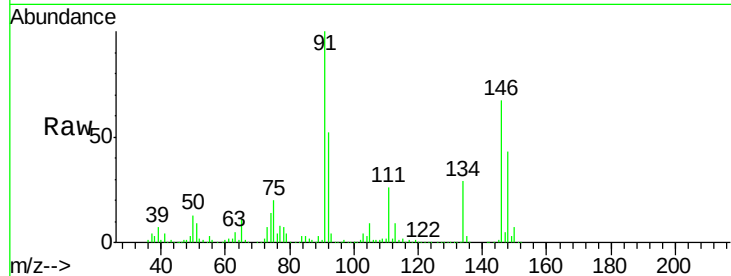
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	420043
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.4	58.1
148	63.5	31.7	95.1

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.102 ug/l

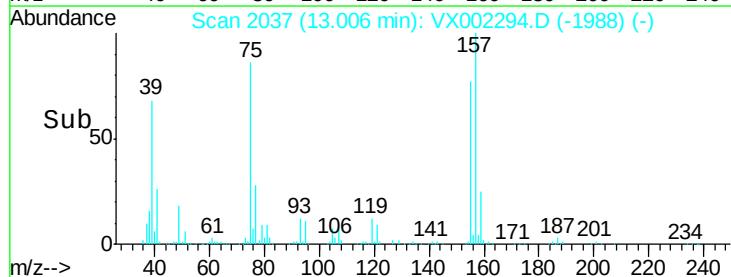
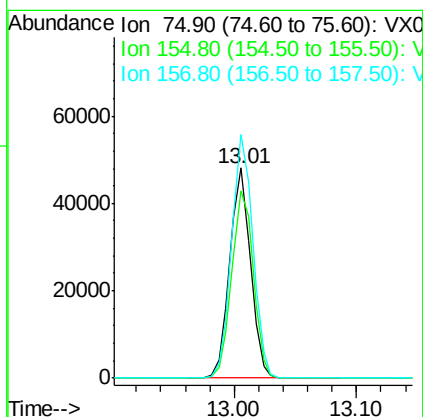
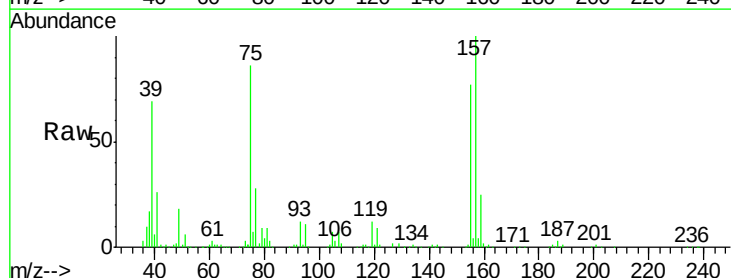
RT: 13.01 min Scan# 2037

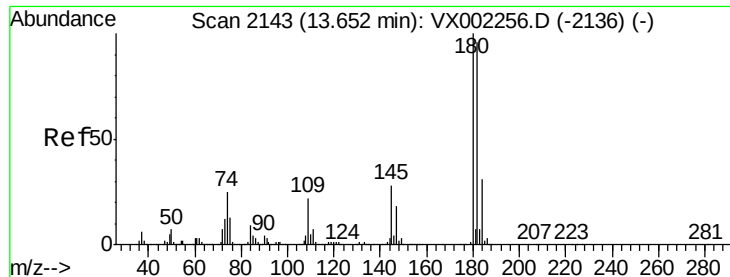
Delta R.T. -0.00 min

Lab File: VX002294.D

Acq: 05 Jun 2018 07:11

Tgt Ion:	75	Resp:	55974
Ion Ratio	Lower	Upper	
75	100		
155	93.0	45.8	137.4
157	118.9	60.1	180.3





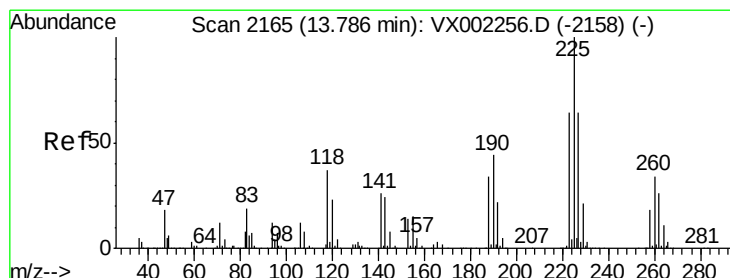
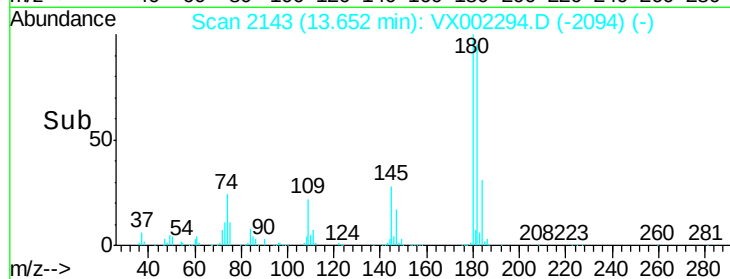
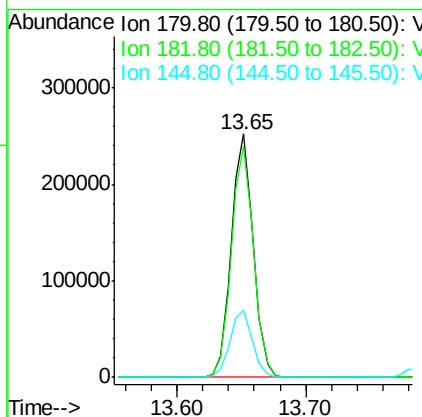
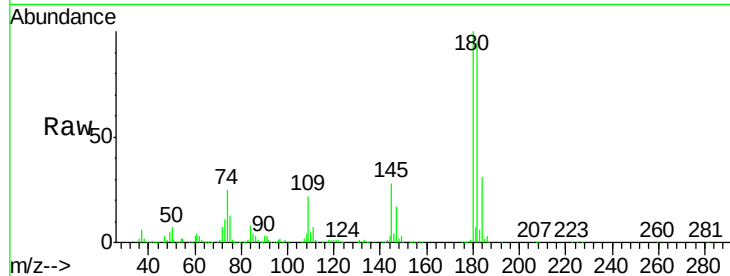
#93
 1,2,4-Trichlorobenzene
 Concen: 49.759 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	47.7	143.1	
145	28.2	14.1	42.4	

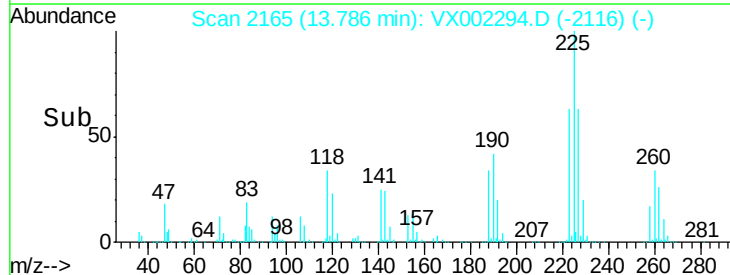
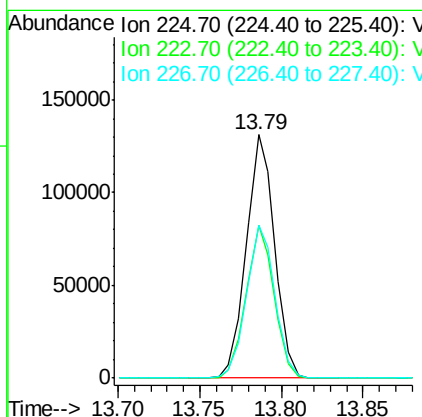
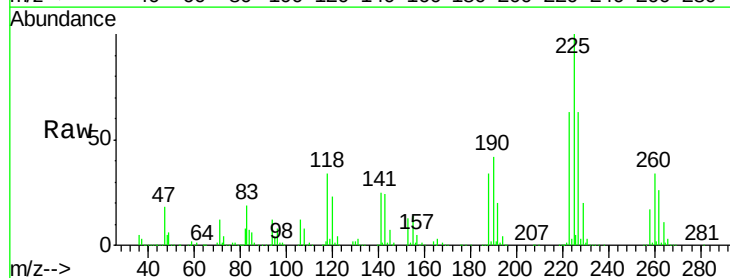
Manual Integrations
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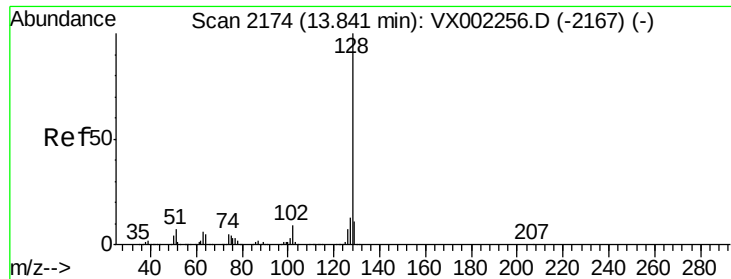
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 53.230 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002294.D
 Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	31.6	95.0	
227	62.9	32.4	97.2	





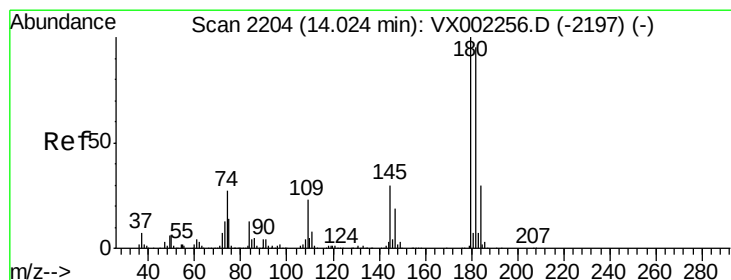
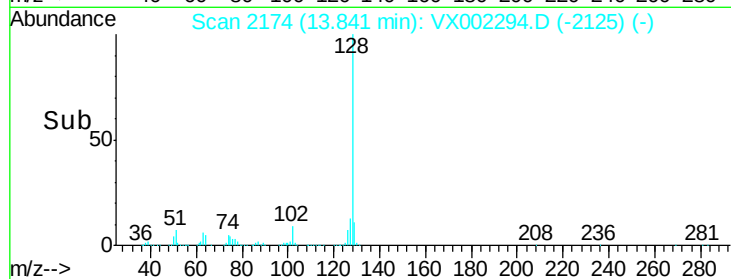
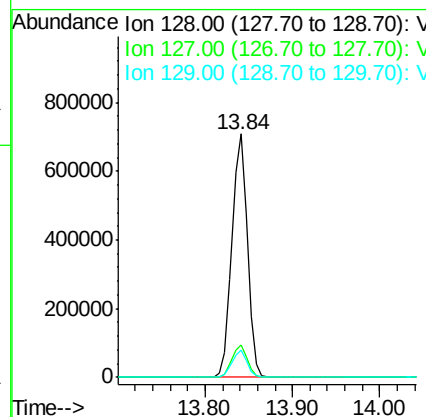
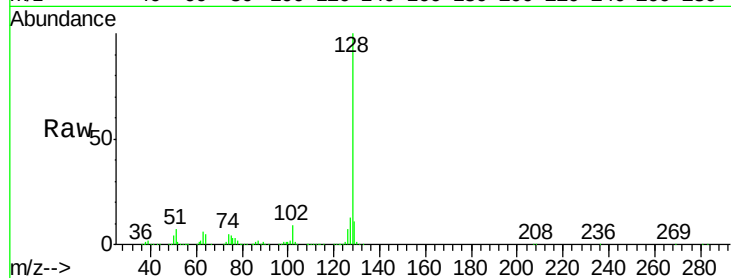
#95
Naphthalene
Concen: 50.216 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.008 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002294.D
Acq: 05 Jun 2018 07:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.0	144.0
145	29.3	14.8	44.3

