

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002652.D
 Acq On : 16 Jun 2018 17:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:04:49 PM

Quant Time: Jun 18 01:53:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197329	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163567	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	5.51	113	131092	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
50) Toluene-d8	8.72	98	497730	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	11.14	95	187376	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103239	43.505	ug/l	98
3) Chloromethane	1.32	50	112562	39.875	ug/l	99
4) Vinyl Chloride	1.41	62	129898	44.345	ug/l	99
5) Bromomethane	1.64	94	71128	40.243	ug/l	99
6) Chloroethane	1.72	64	87823	45.488	ug/l	98
7) Trichlorofluoromethane	1.93	101	223083	46.875	ug/l	97
8) Diethyl Ether	2.19	74	80529	44.488	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	125351	47.121	ug/l	99
10) Methyl Iodide	2.51	142	109898	32.621	ug/l	100
11) Tert butyl alcohol	3.08	59	163899	233.401	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113218	45.329	ug/l	100
13) Acrolein	2.30	56	58787	180.534	ug/l	98
14) Allyl chloride	2.73	41	230322	46.443	ug/l	99
15) Acrylonitrile	3.15	53	354757	231.511	ug/l	100
16) Acetone	2.45	43	387414	258.508	ug/l	99
17) Carbon Disulfide	2.57	76	287534	48.538	ug/l	98
18) Methyl Acetate	2.78	43	191046	47.850	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	421028	44.935	ug/l	99
20) Methylene Chloride	2.86	84	128974	41.972	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	122611	45.250	ug/l	97
22) Diisopropyl ether	3.88	45	408844	45.567	ug/l	98
23) Vinyl Acetate	3.83	43	1764361	234.949	ug/l	99
24) 1,1-Dichloroethane	3.70	63	243444	49.991	ug/l	99
25) 2-Butanone	4.71	43	494919	251.466	ug/l	98
26) 2,2-Dichloropropane	4.59	77	171968	49.146	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	129279	46.891	ug/l	95
28) Bromochloromethane	5.03	49	110954	48.652	ug/l	97
29) Tetrahydrofuran	5.17	42	308616	239.260	ug/l	98
30) Chloroform	5.22	83	229606	48.894	ug/l	99
31) Cyclohexane	5.58	56	192006	47.888	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	198373	50.508	ug/l	100
36) 1,1-Dichloropropene	5.80	75	163577	49.623	ug/l	99
37) Ethyl Acetate	4.87	43	185399	49.691	ug/l	99
38) Carbon Tetrachloride	5.79	117	176150	53.664	ug/l	99

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Quant Time: Jun 18 01:53:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196031	50.870	ug/l	96
40) Benzene	6.15	78	491524	49.728	ug/l	99
41) Methacrylonitrile	5.07	41	105511	50.085	ug/l	98
42) 1,2-Dichloroethane	6.20	62	191629	50.076	ug/l	100
43) Isopropyl Acetate	6.47	43	304185	49.208	ug/l	99
44) Trichloroethene	7.21	130	142787	50.050	ug/l	97
45) 1,2-Dichloropropane	7.52	63	131628	50.599	ug/l	99
46) Dibromomethane	7.67	93	88654	50.947	ug/l	98
47) Bromodichloromethane	7.90	83	165668	53.978	ug/l	100
48) Methyl methacrylate	7.78	41	157788	49.949	ug/l	97
49) 1,4-Dioxane	7.76	88	62642	1047.132	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1012188	255.019	ug/l	99
52) Toluene	8.79	92	319944	50.744	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	196711	48.494	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	180699	46.842	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	130950	51.399	ug/l	98
56) Ethyl methacrylate	9.18	69	202096	51.546	ug/l	98
57) 1,3-Dichloropropane	9.38	76	214420	49.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	478427	252.290	ug/l	99
59) 2-Hexanone	9.50	43	796658	266.365	ug/l	98
60) Dibromochloromethane	9.59	129	137330	48.075	ug/l	99
61) 1,2-Dibromoethane	9.68	107	138231	52.388	ug/l	100
64) Tetrachloroethene	9.34	164	161865	47.608	ug/l	98
65) Chlorobenzene	10.14	112	371109	49.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	134984	52.637	ug/l	100
67) Ethyl Benzene	10.26	91	638032	50.289	ug/l	99
68) m/p-Xylenes	10.37	106	491384	100.404	ug/l	100
69) o-Xylene	10.70	106	242010	50.331	ug/l	97
70) Styrene	10.71	104	407021	51.471	ug/l	99
71) Bromoform	10.86	173	104778	45.375	ug/l	100
73) Isopropylbenzene	11.02	105	663217	50.253	ug/l	99
74) N-amyl acetate	6.47	43	304185	46.390	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	197214	50.602	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	194666m	52.279	ug/l	
77) Bromobenzene	11.26	156	182857	49.733	ug/l	96
78) n-propylbenzene	11.37	91	756454	49.978	ug/l	100
79) 2-Chlorotoluene	11.43	91	444830	49.225	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	560415	50.247	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	49826	43.418	ug/l	95
82) 4-Chlorotoluene	11.51	91	527757	49.494	ug/l	99
83) tert-Butylbenzene	11.77	119	551550	51.333	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	578133	50.799	ug/l	98
85) sec-Butylbenzene	11.95	105	683764	51.179	ug/l	100
86) p-Isopropyltoluene	12.07	119	615911	50.951	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	333981	49.532	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	335519	48.904	ug/l	99
89) n-Butylbenzene	12.39	91	548902	51.472	ug/l	99
90) Hexachloroethane	12.60	117	86767	46.254	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	342587	50.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44309	54.277	ug/l	96

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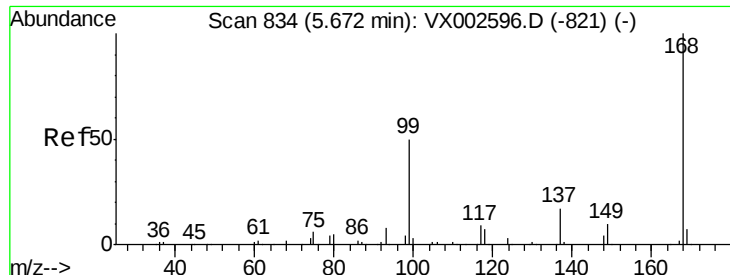
Manual Integrations
APPROVED

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6/19/2018 1:04:49 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	250039	50.766	ug/l	100
94) Hexachlorobutadiene	13.79	225	135176	52.100	ug/l	100
95) Naphthalene	13.84	128	692831	52.275	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	256248	51.801	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 223533

Ion Ratio Lower Upper

168 100

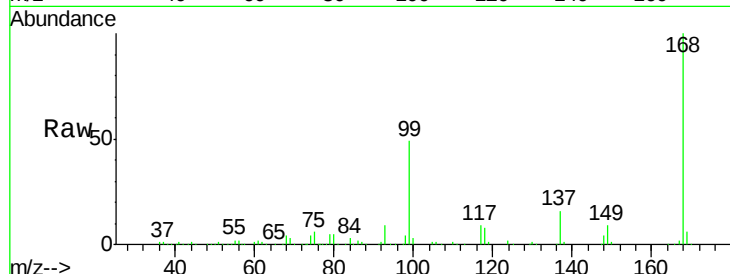
99 49.3 39.3 58.9

Manual Integrations

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6/19/2018 1:04:49 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

40000

20000

0

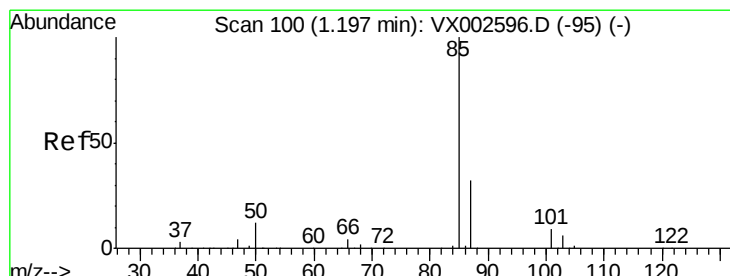
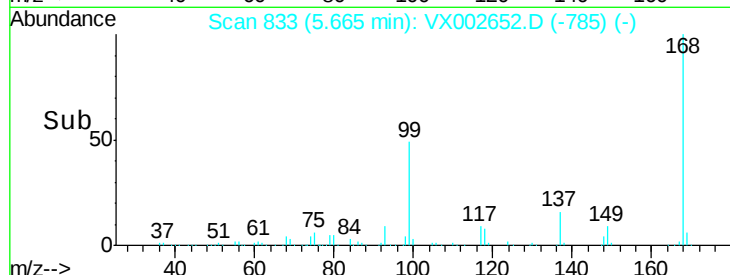
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.505 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002652.D

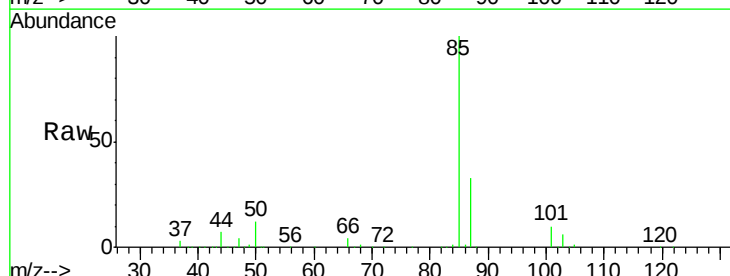
Acq: 16 Jun 2018 17:39

Tgt Ion: 85 Resp: 103239

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

40000

20000

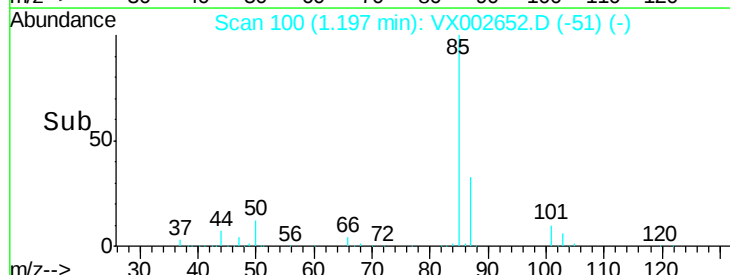
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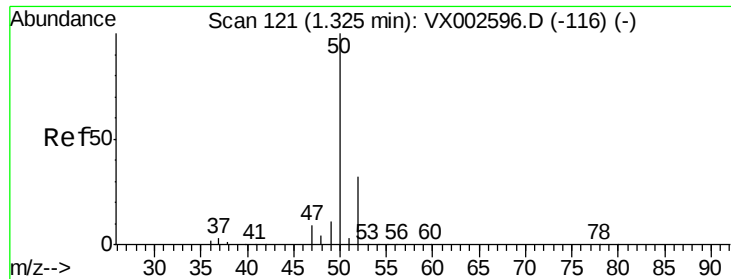
1.10

1.20

1.30

Time-->





#3

Chloromethane

Concen: 39.875 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 112562

Ion Ratio Lower Upper

50 100

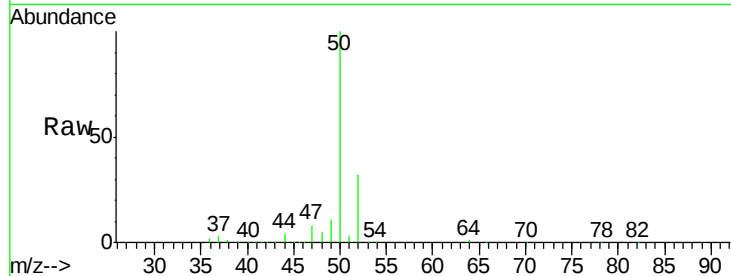
52 31.7 25.7 38.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

120000

100000

80000

60000

40000

20000

0

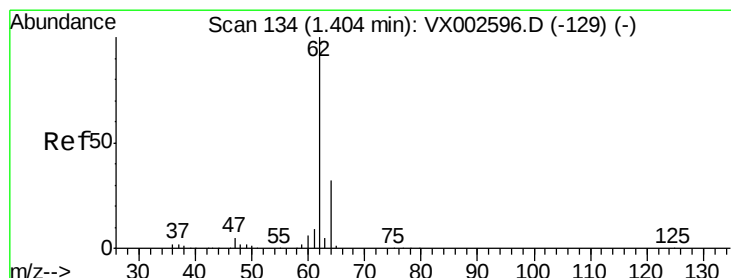
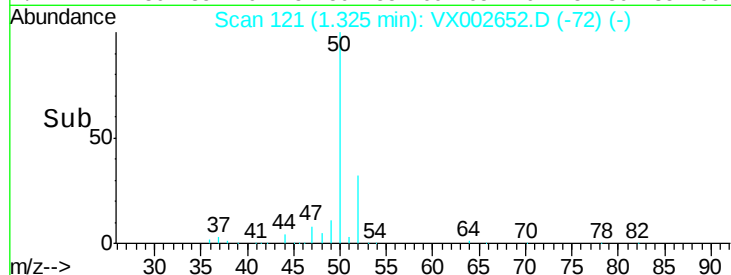
1.30

1.32

1.35

1.40

Time-->



#4

Vinyl Chloride

Concen: 44.345 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002652.D

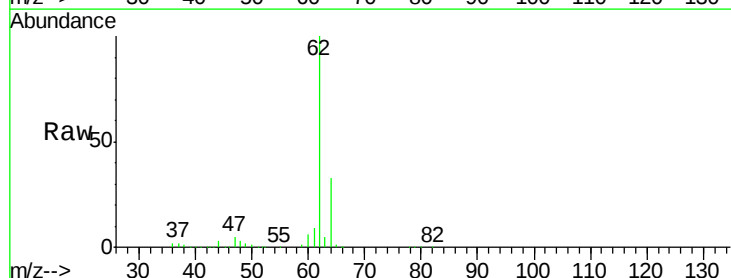
Acq: 16 Jun 2018 17:39

Tgt Ion: 62 Resp: 129898

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

100000

50000

0

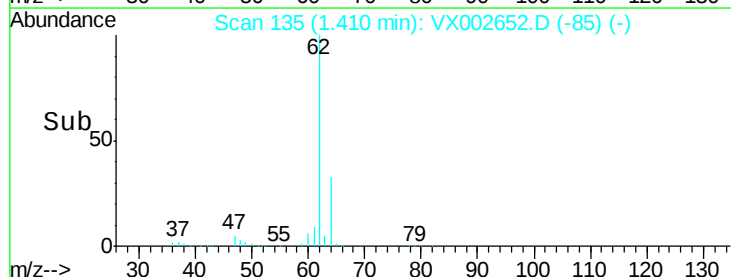
1.35

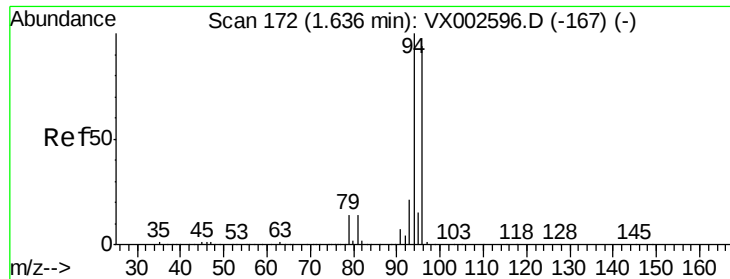
1.40

1.45

1.50

Time-->





#5

Bromomethane

Concen: 40.243 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 71128

Ion Ratio Lower Upper

94 100

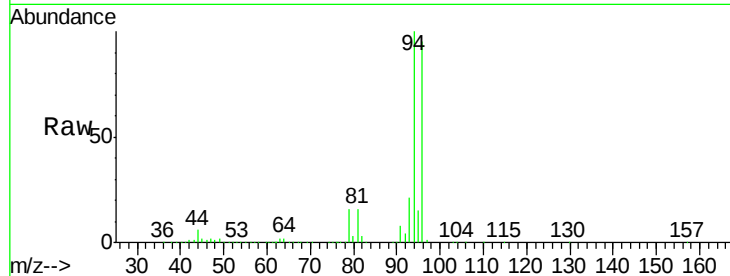
96 94.7 74.9 112.3

Manual Integrations

APPROVED

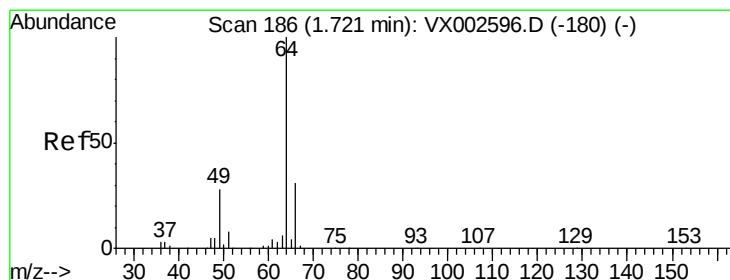
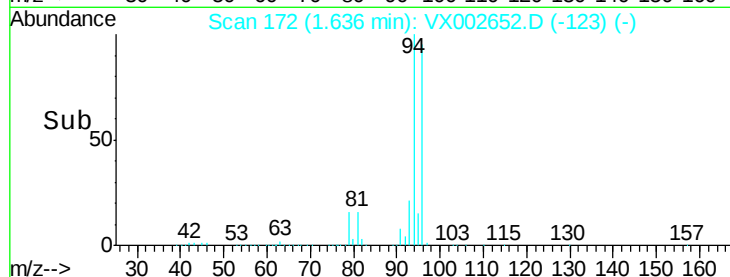
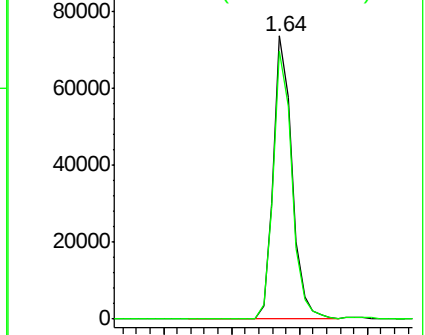
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.488 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002652.D

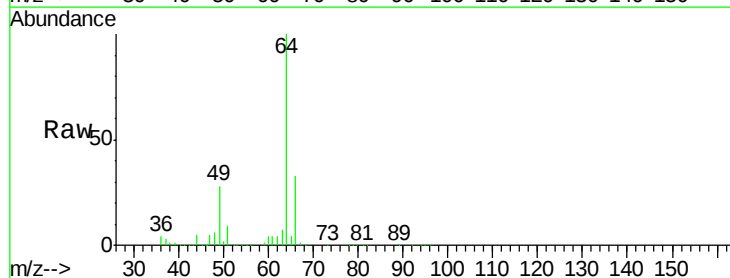
Acq: 16 Jun 2018 17:39

Tgt Ion: 64 Resp: 87823

Ion Ratio Lower Upper

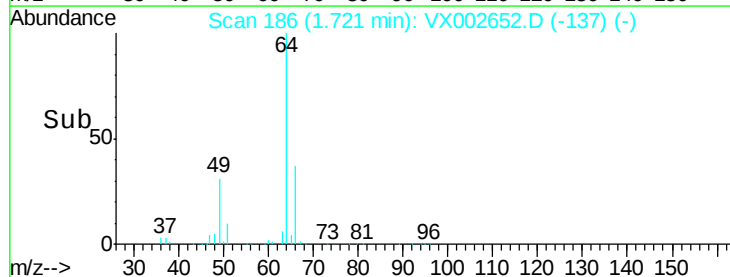
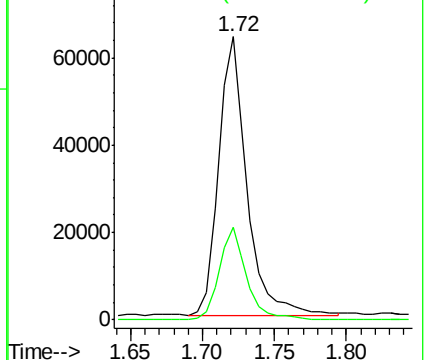
64 100

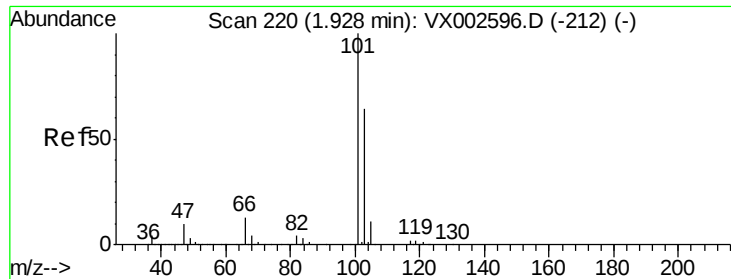
66 32.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

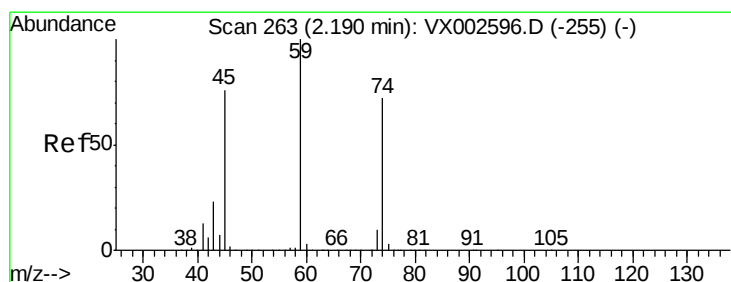
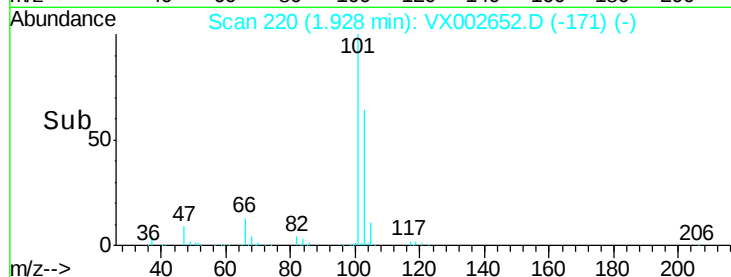
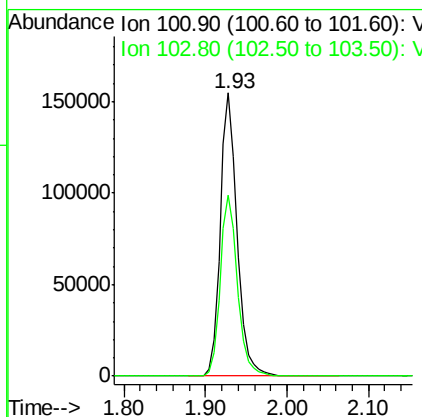
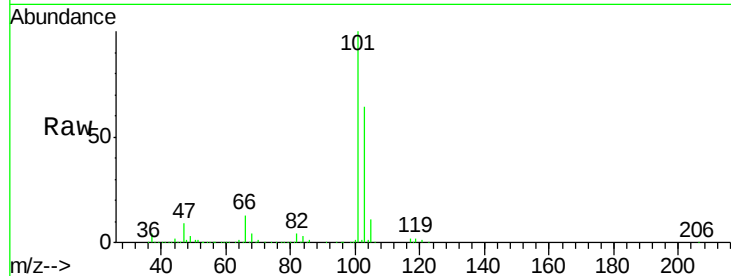
Trichlorofluoromethane
Concen: 46.875 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

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MSVOA_X
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.8	79.2

Manual Integrations
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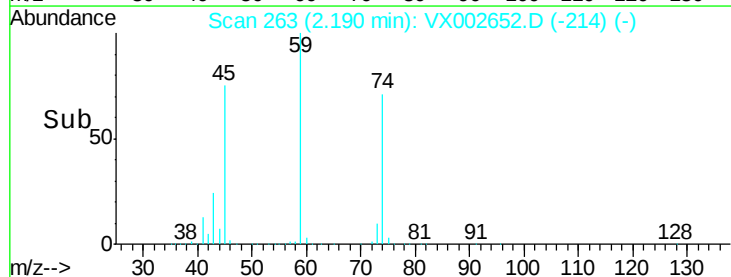
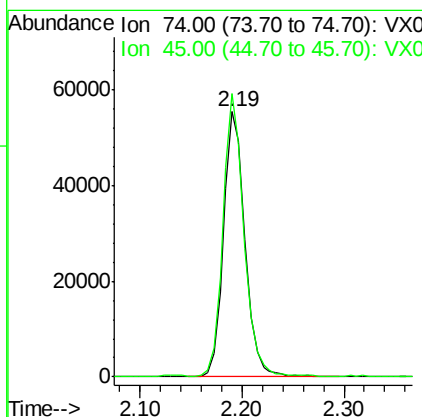
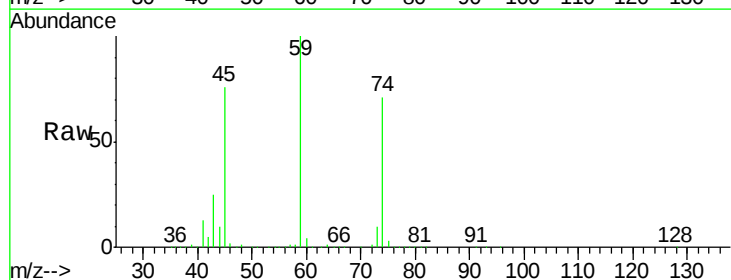
MMDadoda
6/19/2018 1:04:49 PM

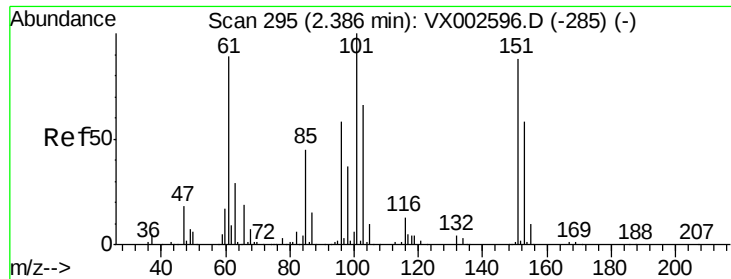


#8

Diethyl Ether
Concen: 44.488 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.121 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

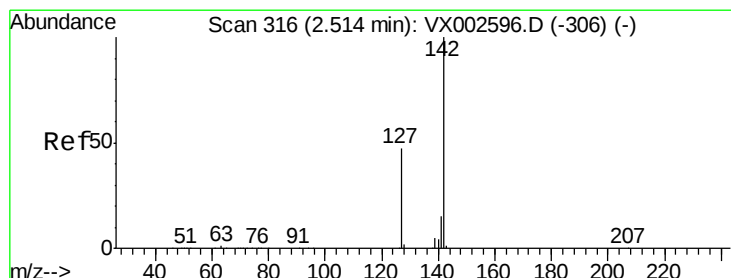
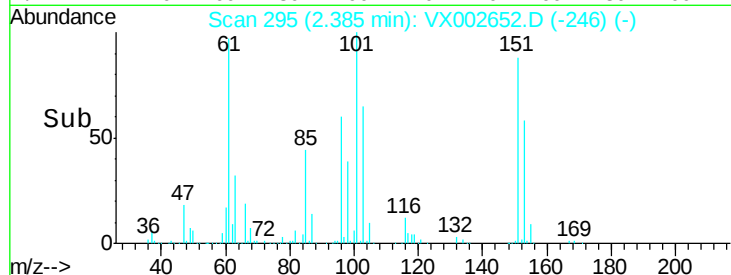
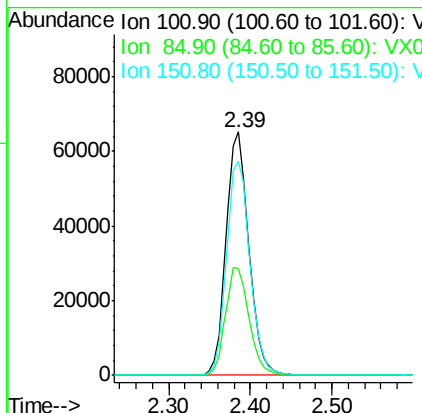
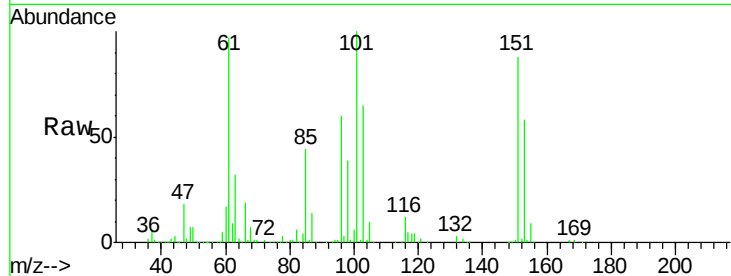
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	125351
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.0	54.0
151	90.0	70.9	106.3

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#10

Methyl Iodide

Concen: 32.621 ug/l

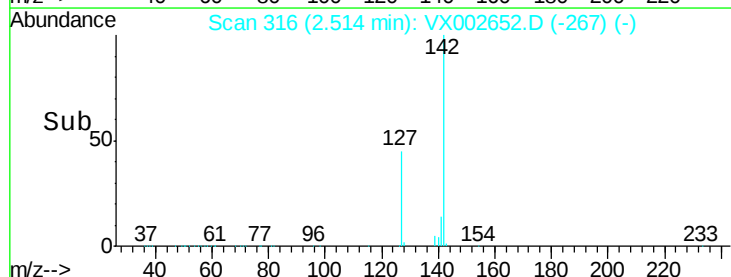
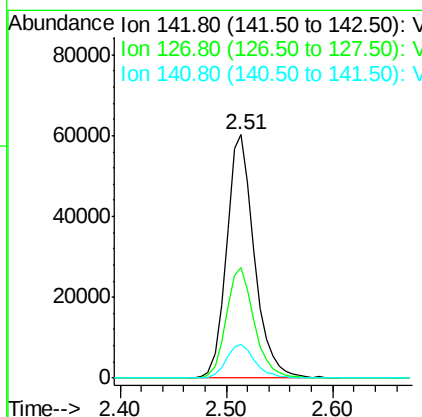
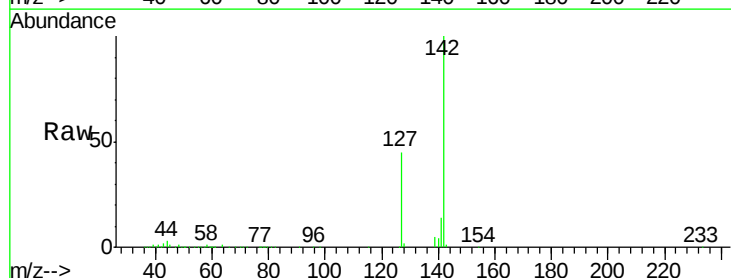
RT: 2.51 min Scan# 316

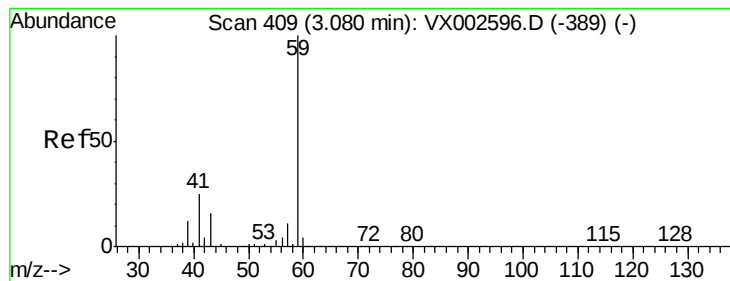
Delta R.T. 0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Tgt Ion:	142	Resp:	109898
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.6	55.0
141	14.4	11.3	16.9





#11

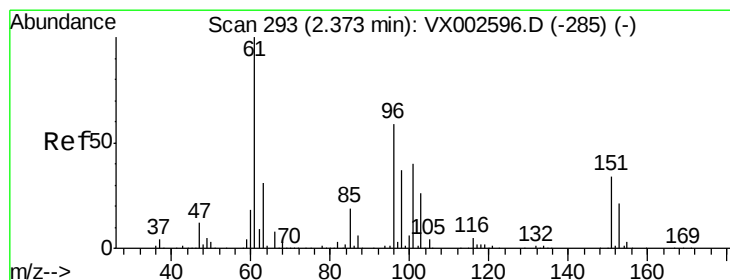
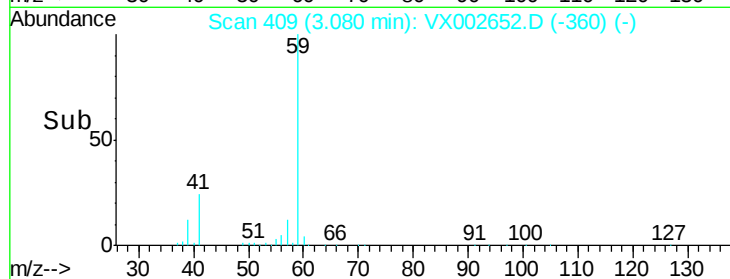
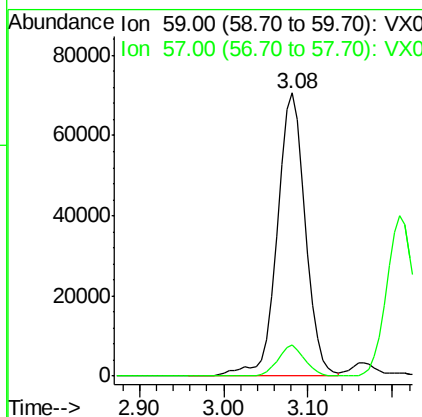
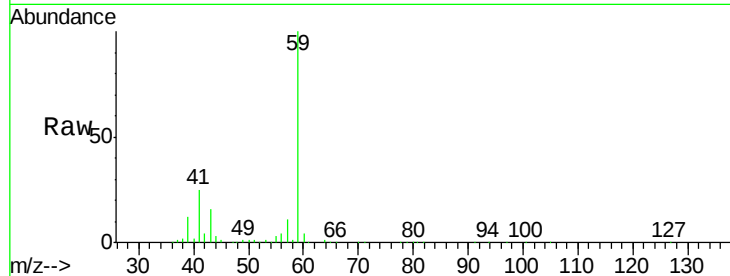
Tert butyl alcohol
Concen: 233.401 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	163899
Ion Ratio	100	Lower	Upper
57	10.6	8.2	12.2

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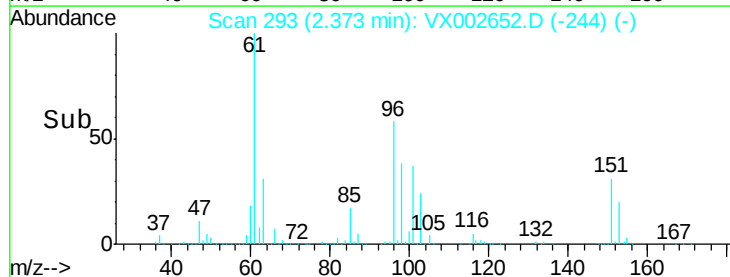
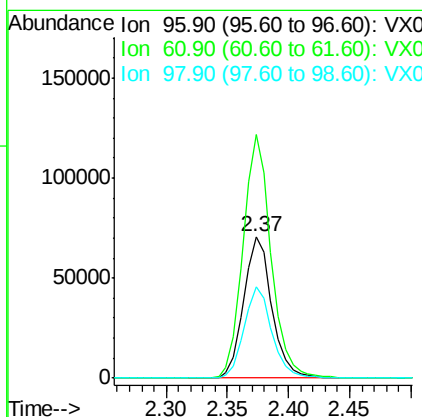
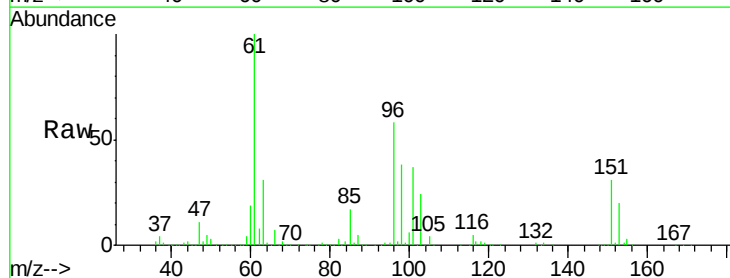
MMDadoda
6/19/2018 1:04:49 PM

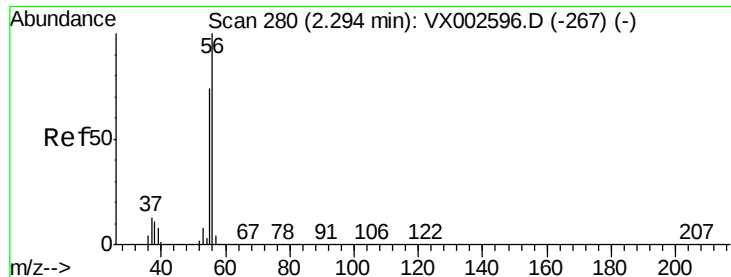


#12

1,1-Dichloroethene
Concen: 45.329 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	96	Resp	113218
Ion Ratio	100	Lower	Upper
61	172.2	137.9	206.9
98	64.6	51.6	77.4





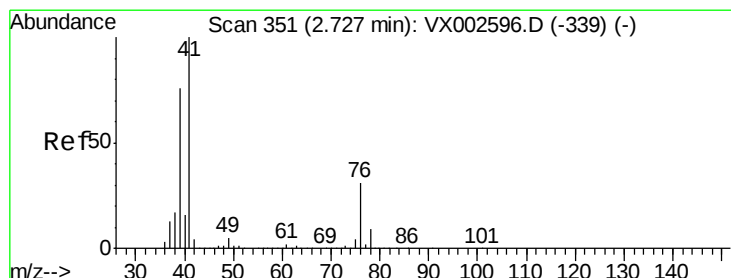
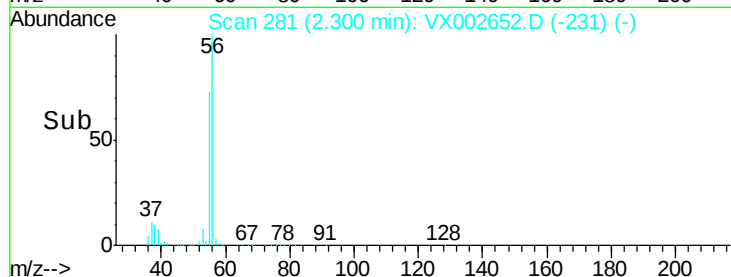
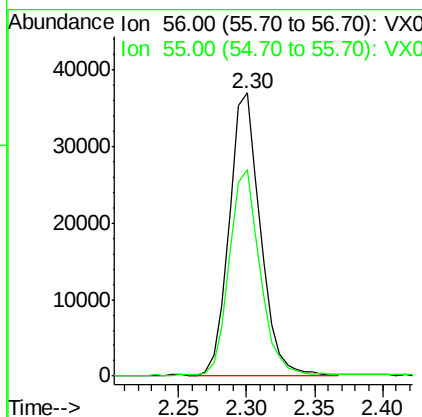
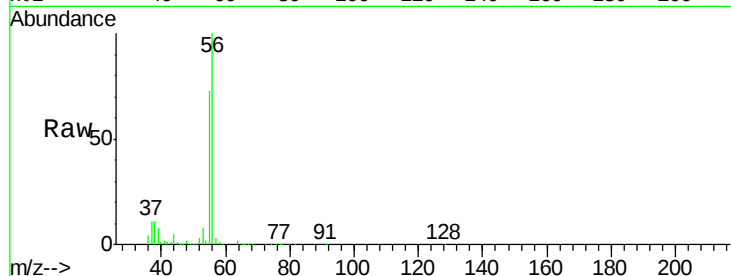
#13
Acrolein
Concen: 180.534 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	58787
Ion Ratio	100	Lower	Upper
55	72.7	57.0	85.4

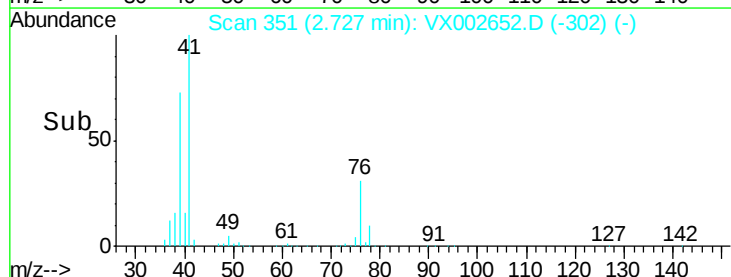
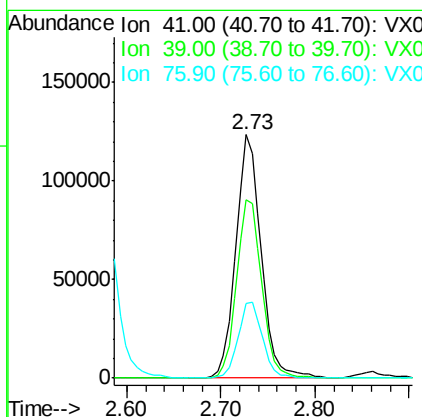
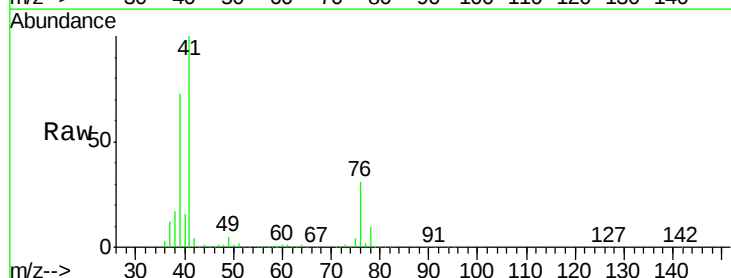
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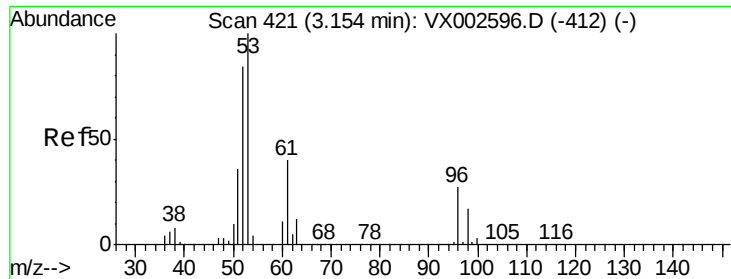
MMDadoda
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#14
Allyl chloride
Concen: 46.443 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	41	Resp	230322
Ion Ratio	100	Lower	Upper
39	72.6	56.8	85.2
76	30.1	23.8	35.8





#15

Acrylonitrile

Concen: 231.511 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

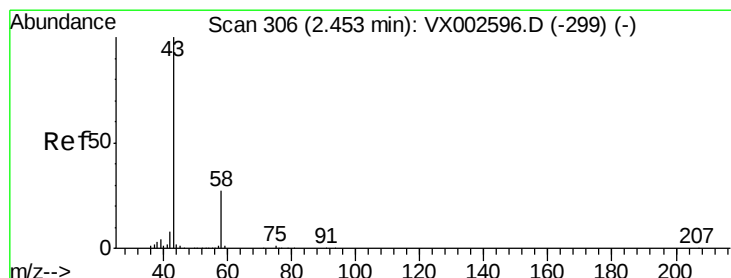
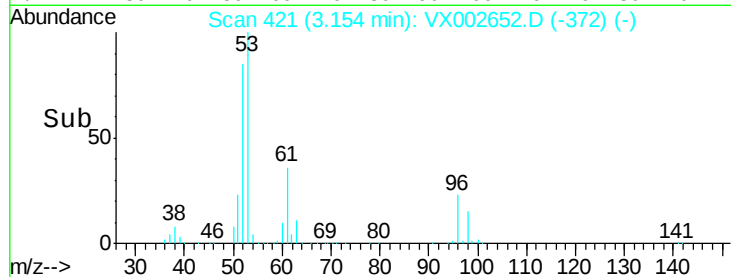
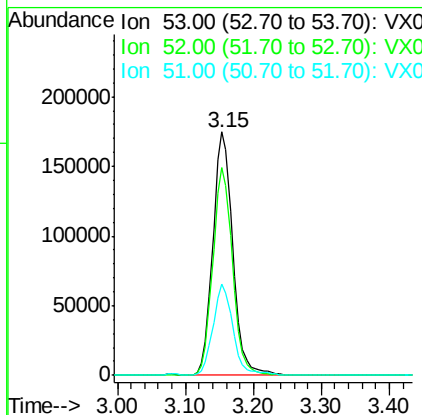
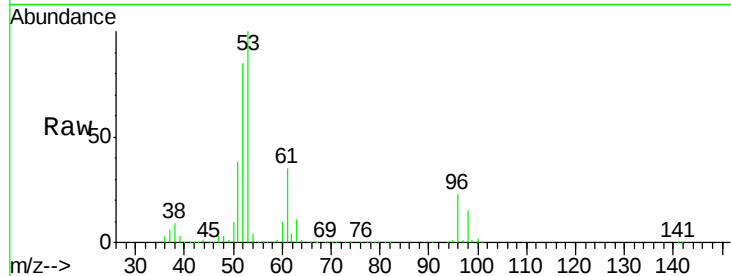
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	354757
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.7	100.1
51	37.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 258.508 ug/l

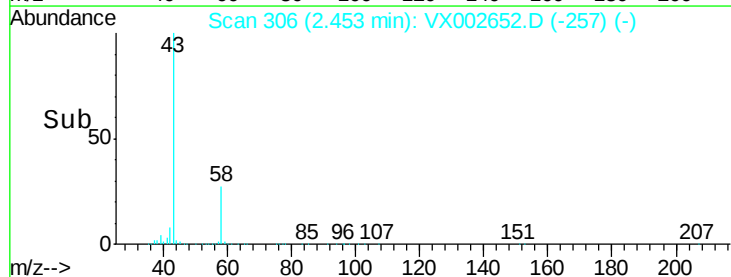
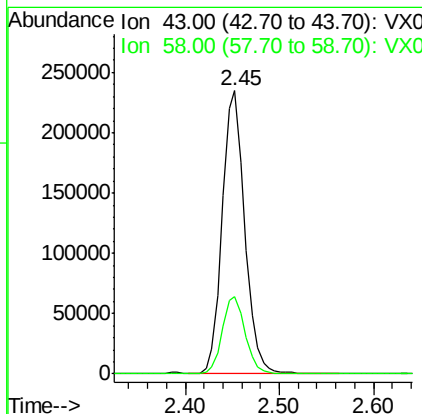
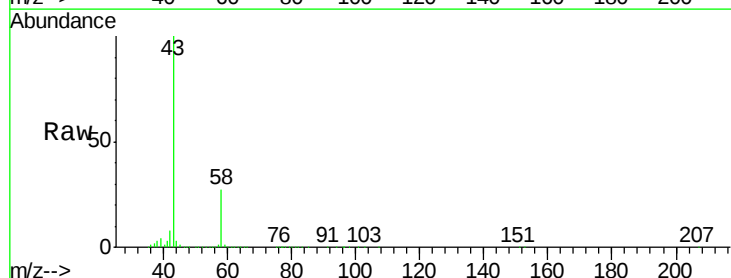
RT: 2.45 min Scan# 306

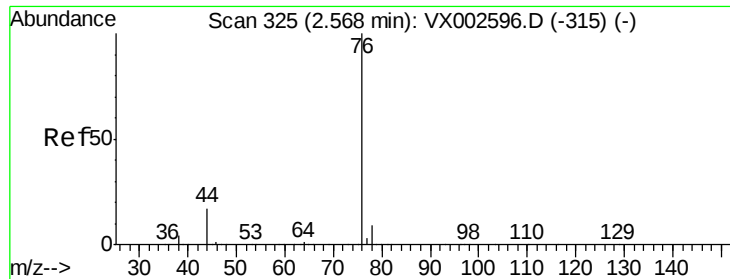
Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Tgt Ion:	43	Resp:	387414
Ion Ratio	Lower	Upper	
43	100		
58	27.3	22.1	33.1





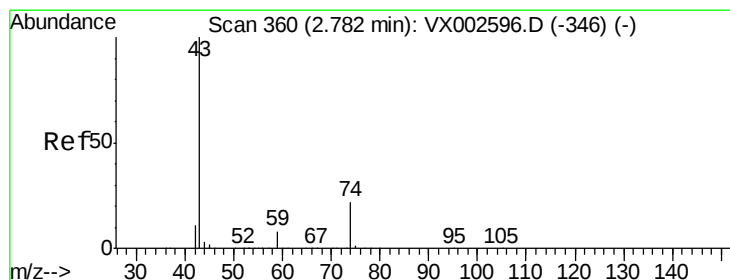
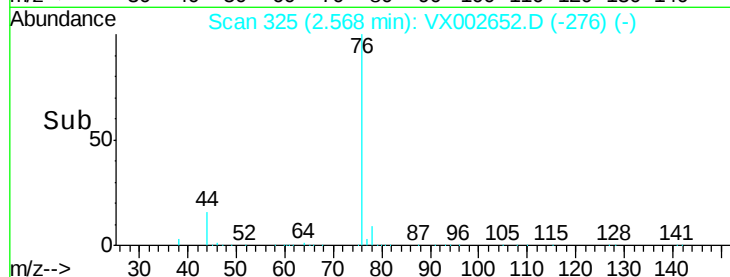
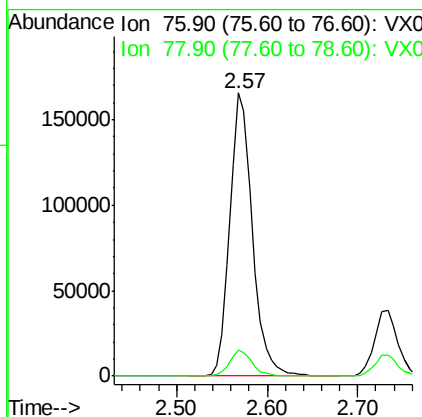
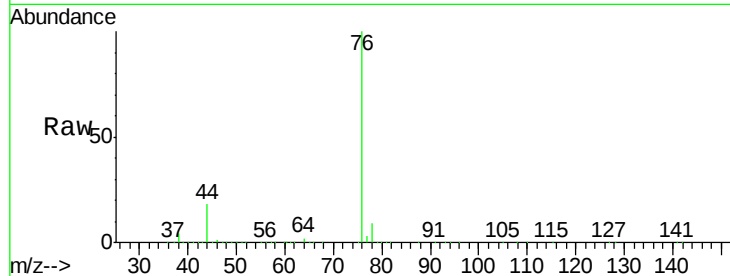
#17
Carbon Disulfide
Concen: 48.538 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

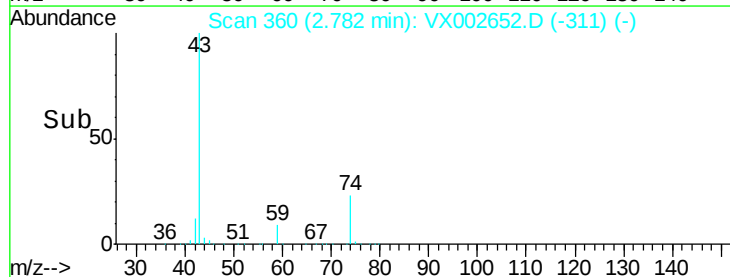
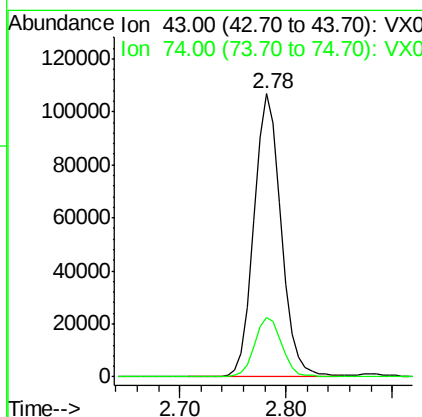
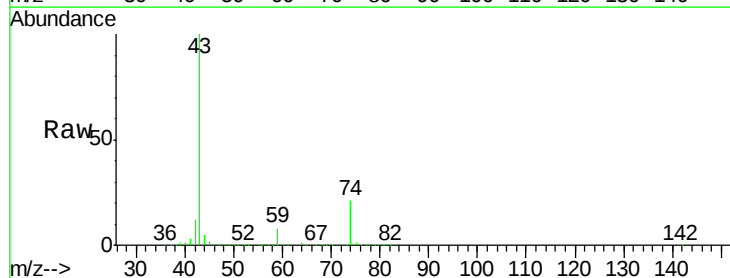
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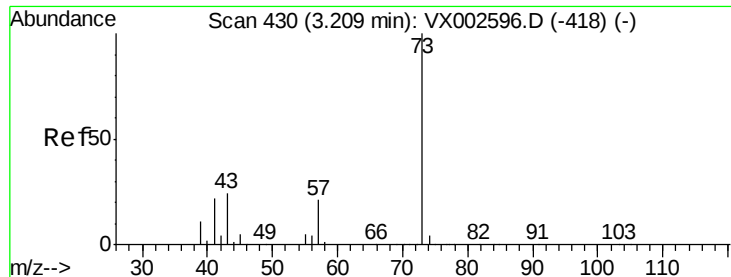
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#18
Methyl Acetate
Concen: 47.850 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.7	25.1





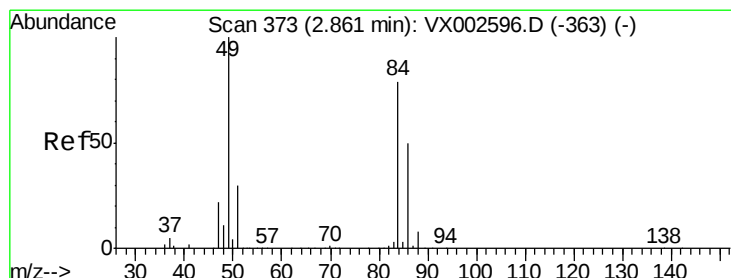
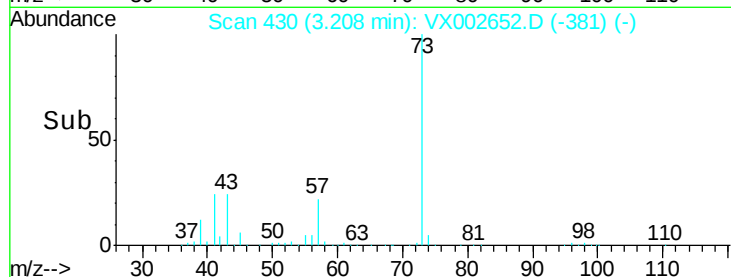
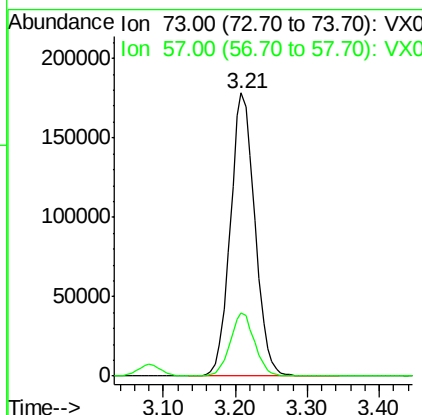
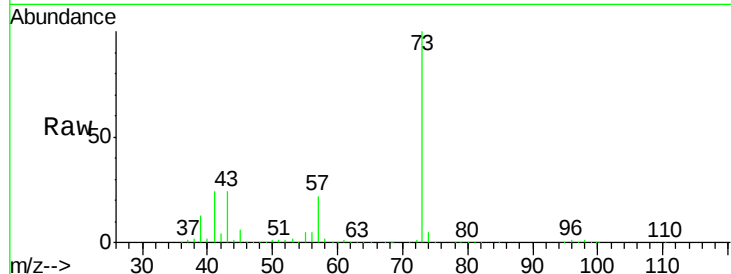
#19
Methyl tert-butyl Ether
Concen: 44.935 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 421028
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5

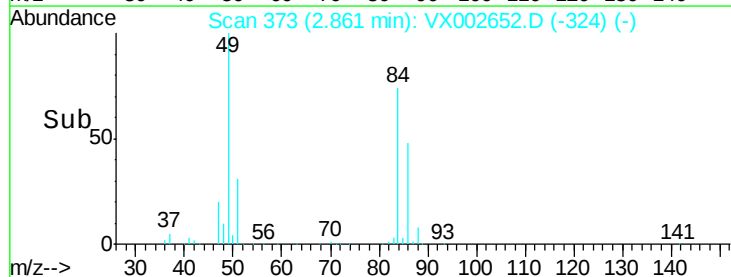
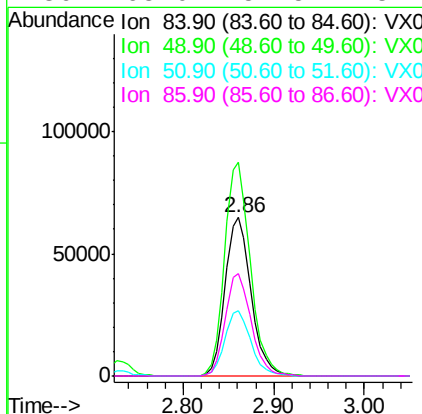
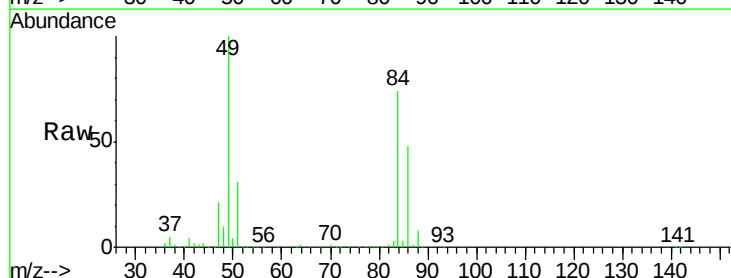
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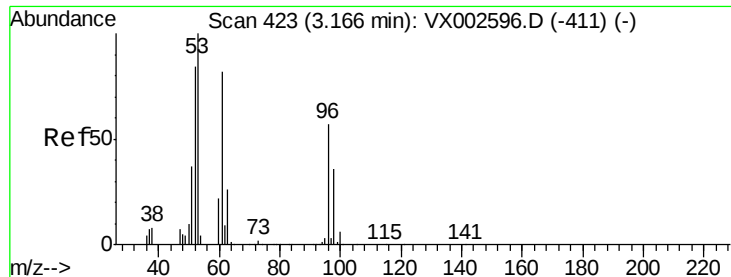
MMDadoda
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#20
Methylene Chloride
Concen: 41.972 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion: 84 Resp: 128974
Ion Ratio Lower Upper
84 100
49 134.6 107.8 161.6
51 41.1 32.8 49.2
86 65.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.250 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

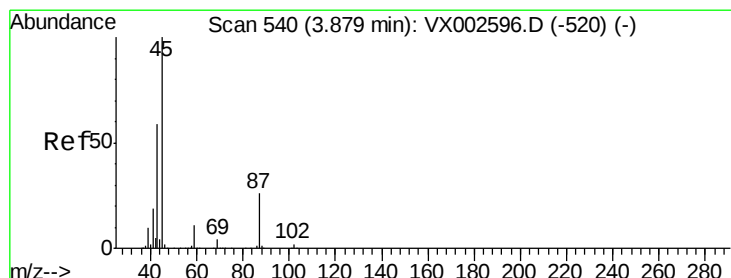
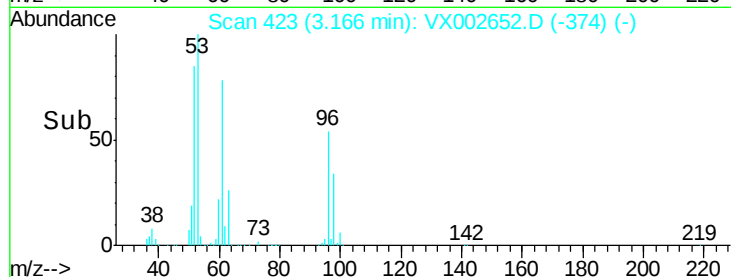
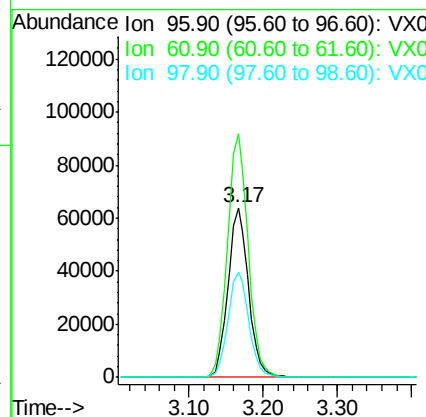
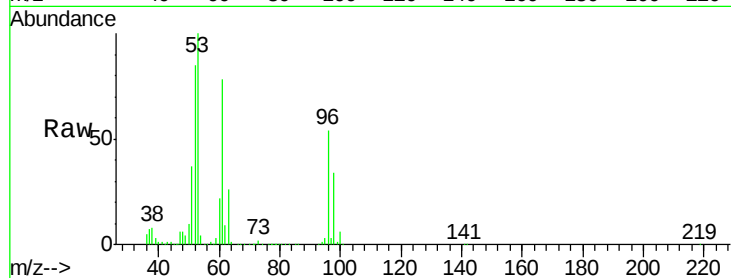
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	122611
Ion	Ratio	Lower	Upper
96	100		
61	143.2	117.0	175.4
98	62.2	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.567 ug/l

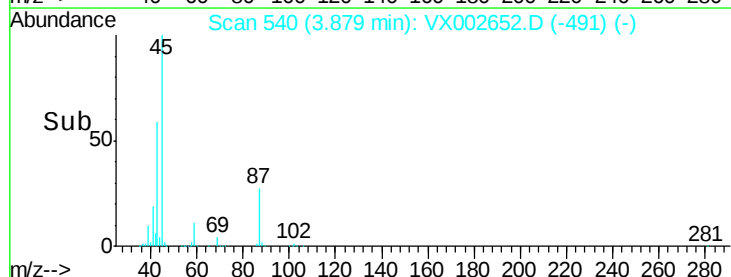
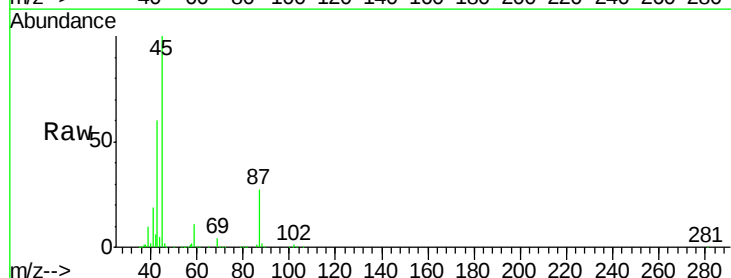
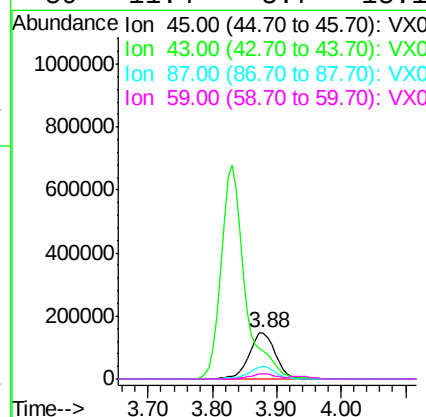
RT: 3.88 min Scan# 540

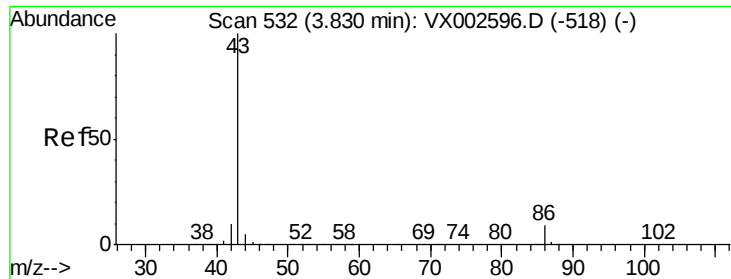
Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Tgt Ion:	45	Resp:	408844
Ion	Ratio	Lower	Upper
45	100		
43	59.3	46.8	70.2
87	26.7	20.2	30.4
59	11.4	8.7	13.1





#23

Vinyl Acetate

Concen: 234.949 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1764361

Ion Ratio Lower Upper

43 100

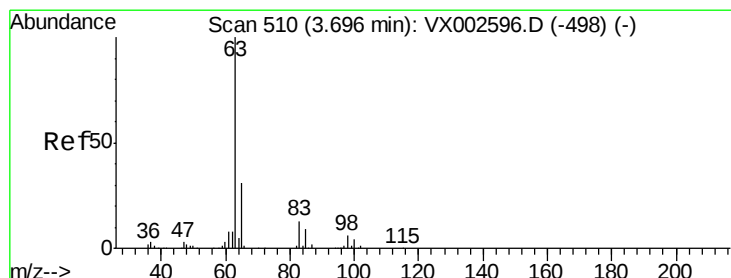
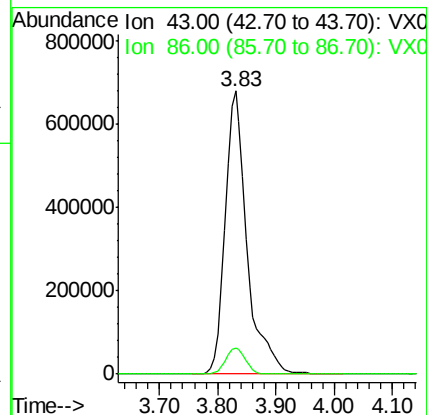
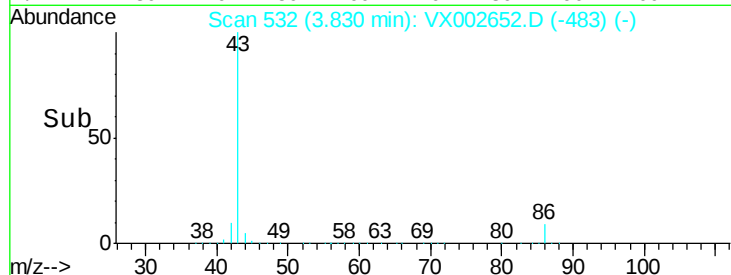
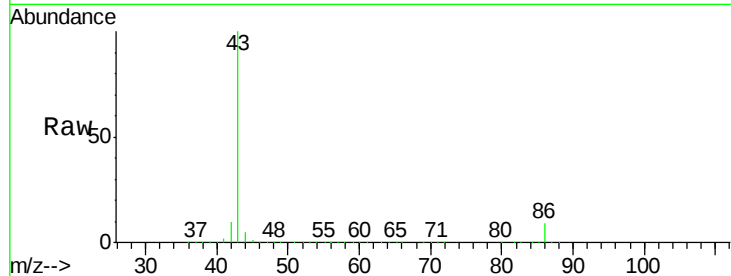
86 9.4 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 49.991 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

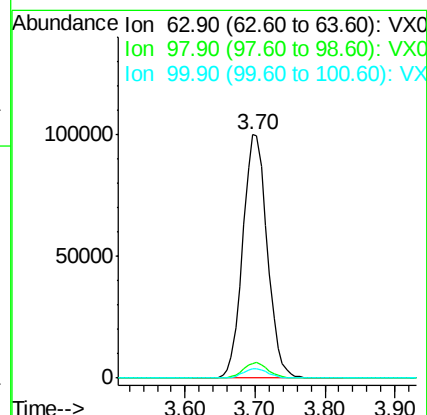
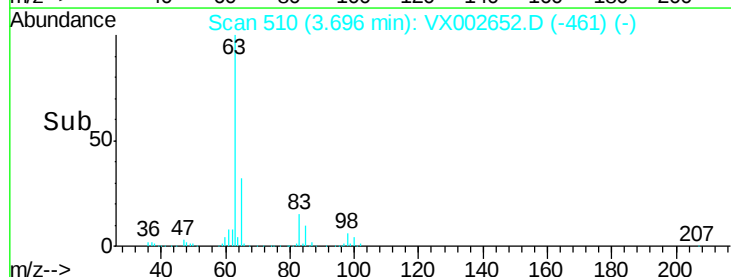
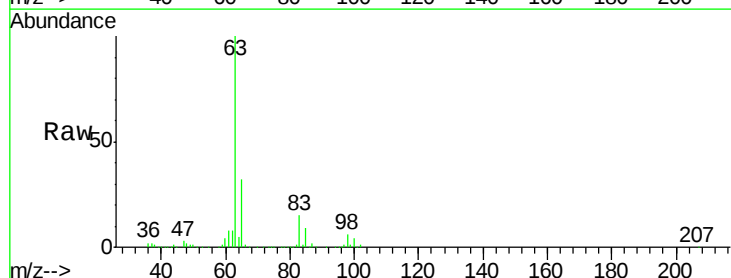
Tgt Ion: 63 Resp: 243444

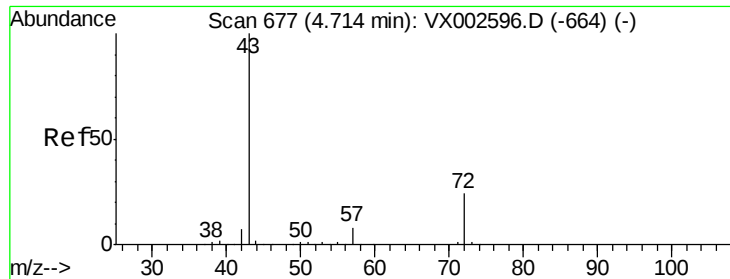
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 251.466 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 494919

Ion Ratio Lower Upper

43 100

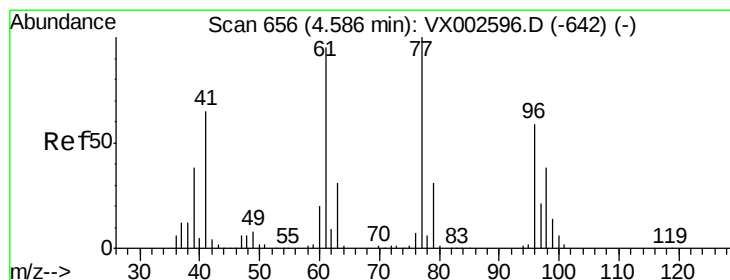
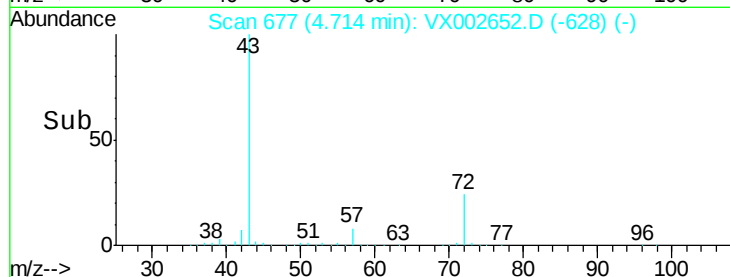
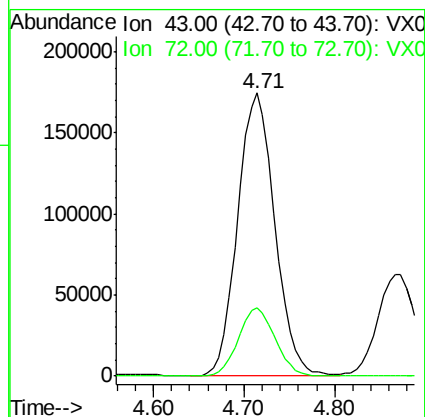
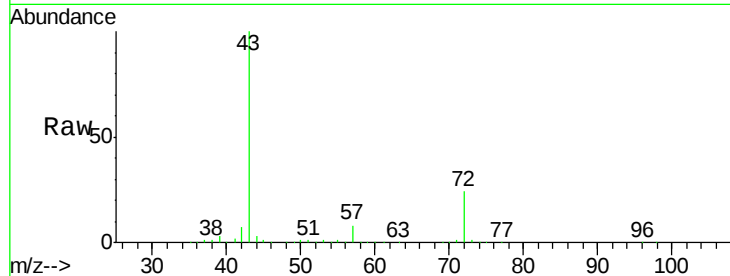
72 24.3 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.146 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002652.D

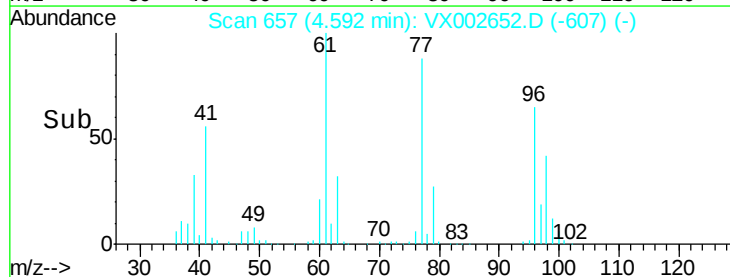
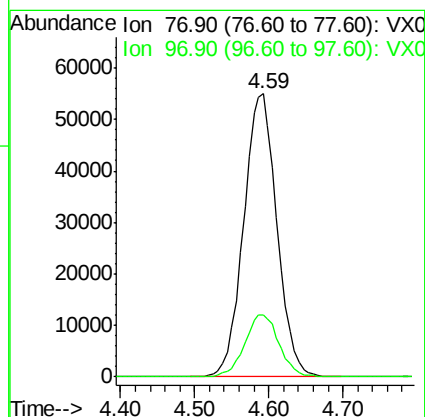
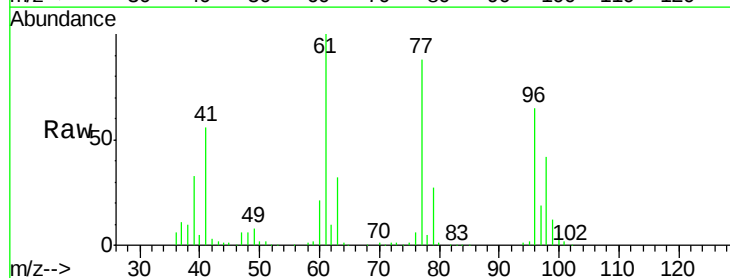
Acq: 16 Jun 2018 17:39

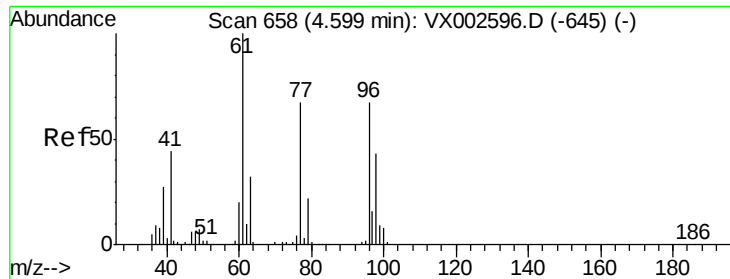
Tgt Ion: 77 Resp: 171968

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5





#27

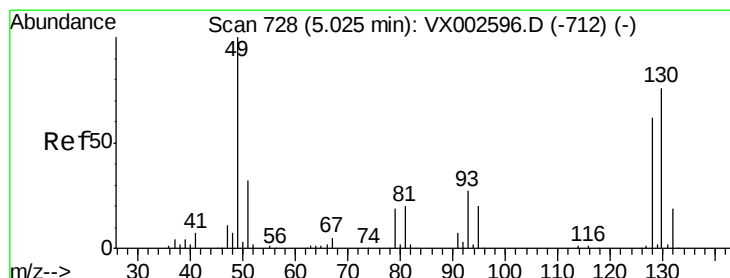
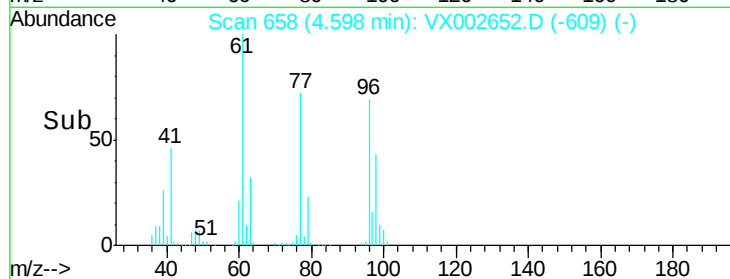
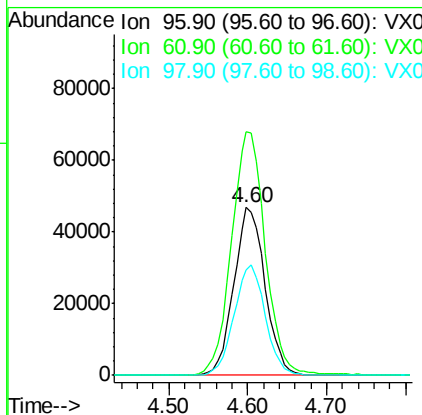
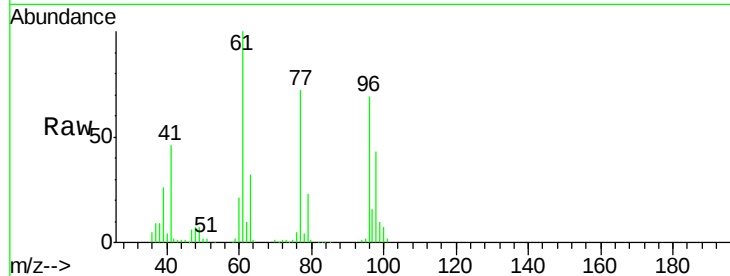
cis-1,2-Dichloroethene
Concen: 46.891 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	156.6	0.0	330.2	
98	65.6	0.0	130.2	

Manual Integrations
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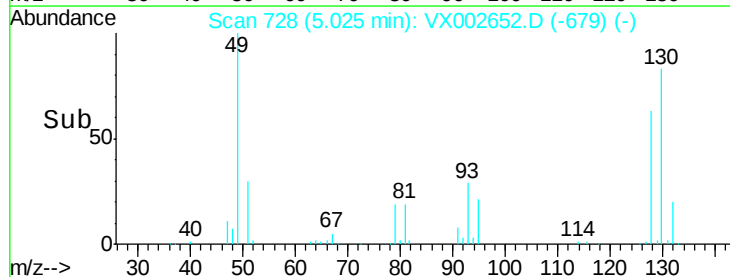
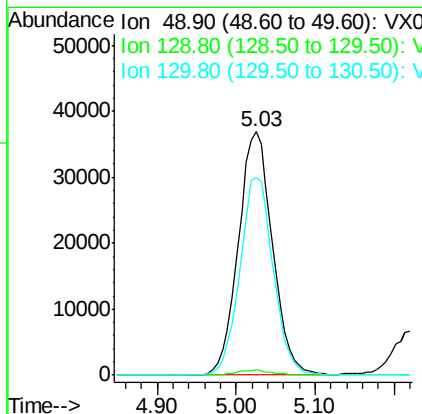
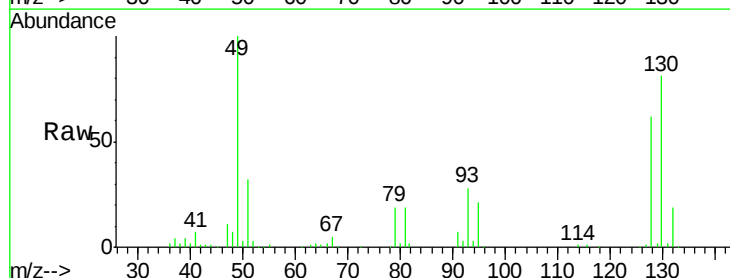
MMDadoda
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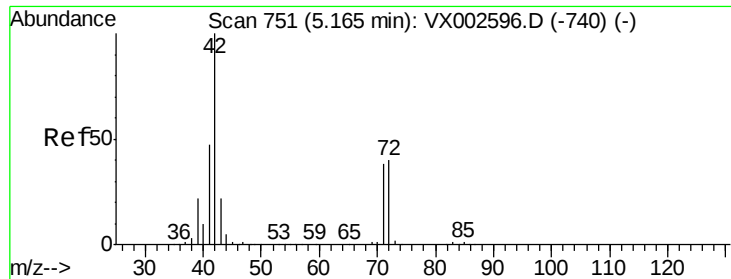


#28

Bromochloromethane
Concen: 48.652 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.2	
130	79.4	61.2	91.8	





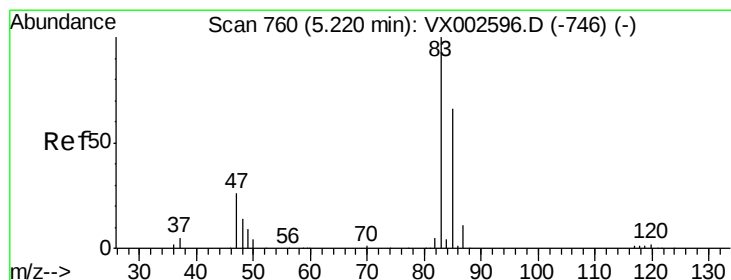
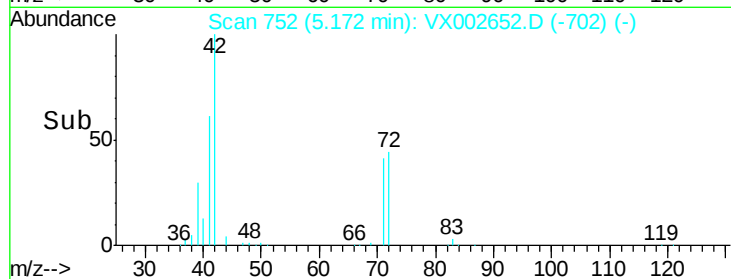
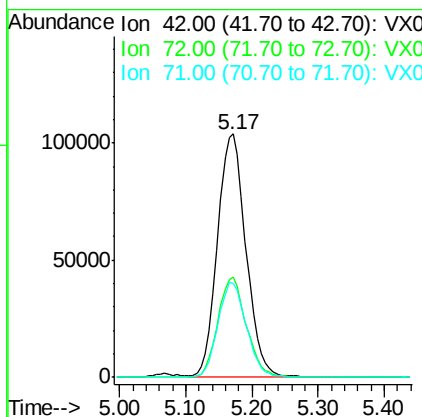
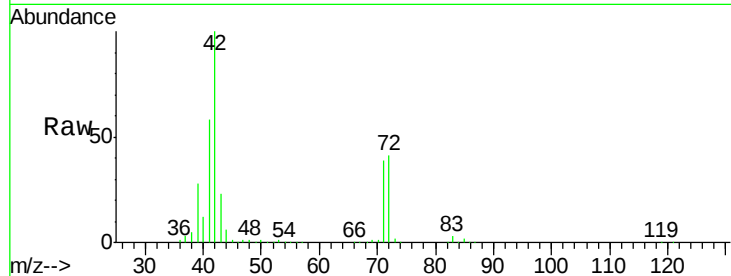
#29
Tetrahydrofuran
Concen: 239.260 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.0	48.0
71	39.1	30.1	45.1

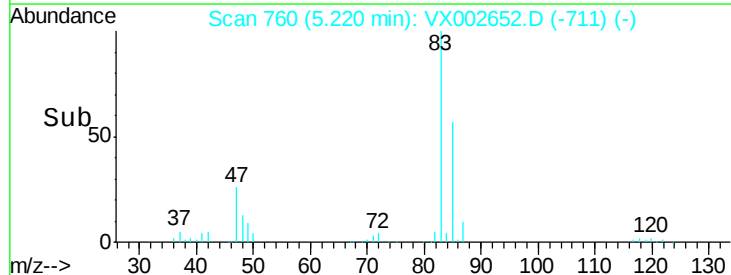
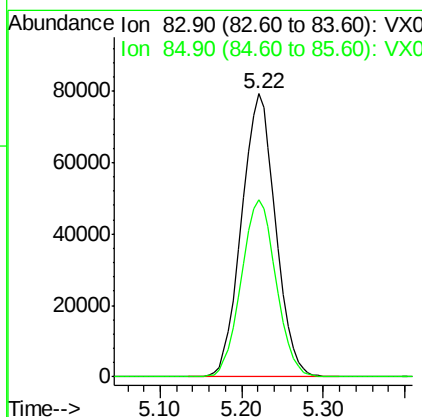
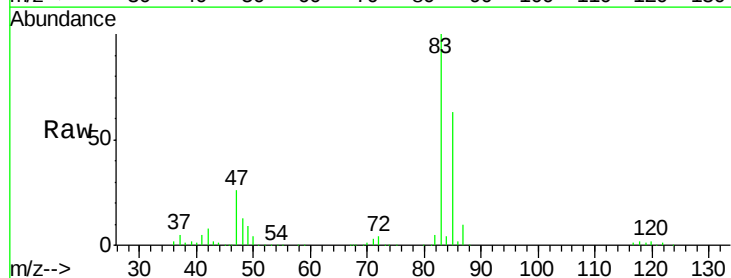
Manual Integrations
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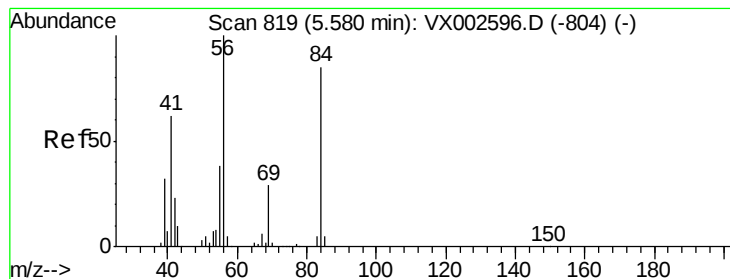
MMDadoda
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#30
Chloroform
Concen: 48.894 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.4	75.6





#31

Cyclohexane

Concen: 47.888 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

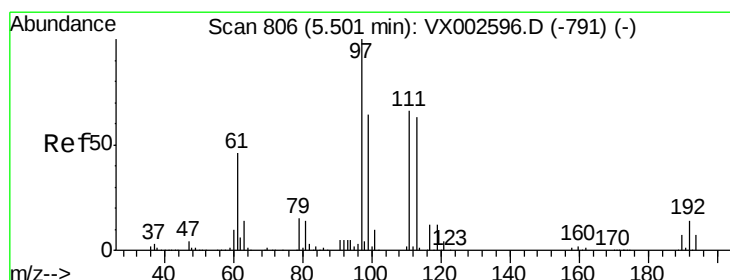
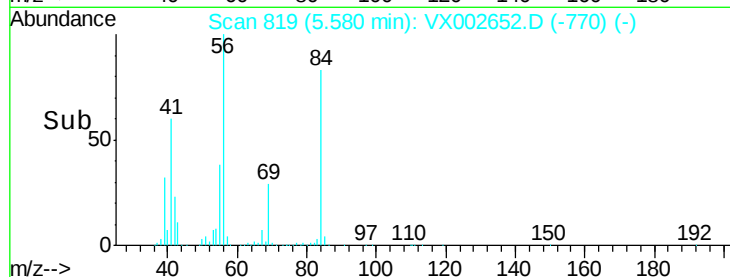
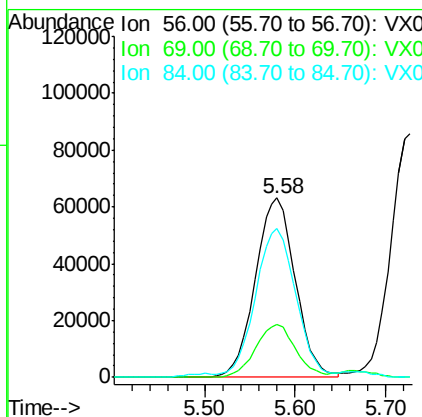
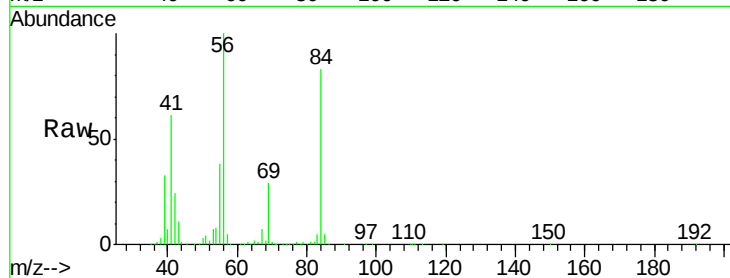
ClientSampleId :

VSTDCCC050

Tot Ion	56	Resp	192006
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.7	35.5
84	81.9	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.508 ug/l

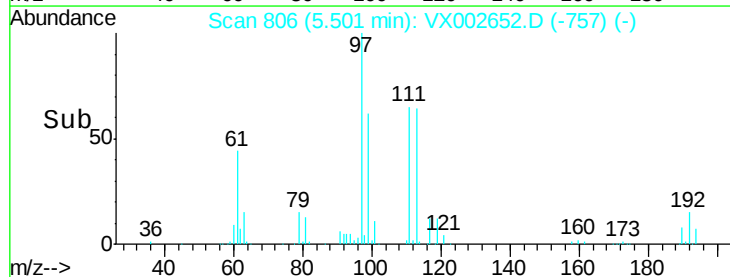
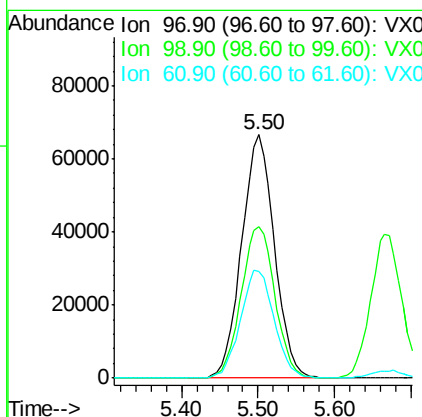
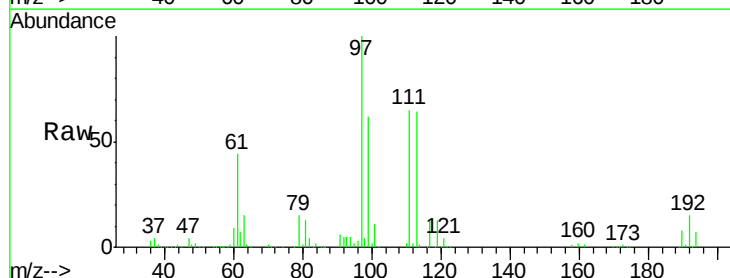
RT: 5.50 min Scan# 806

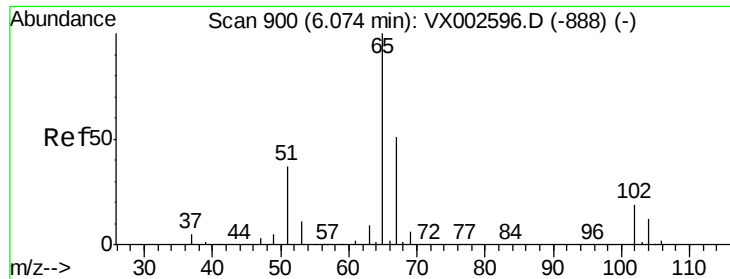
Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Tgt Ion	97	Resp	198373
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	45.6	36.4	54.6





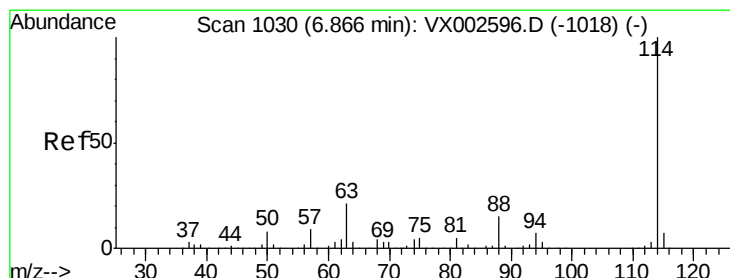
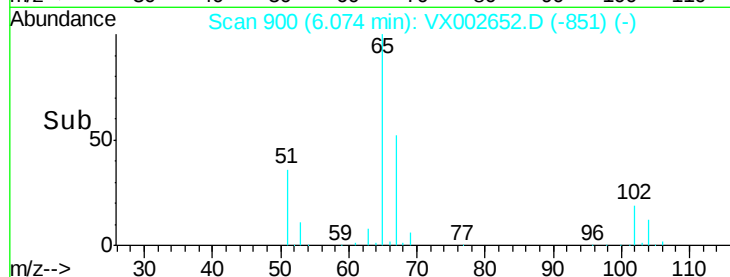
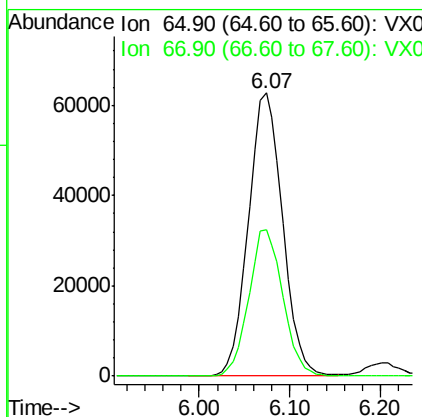
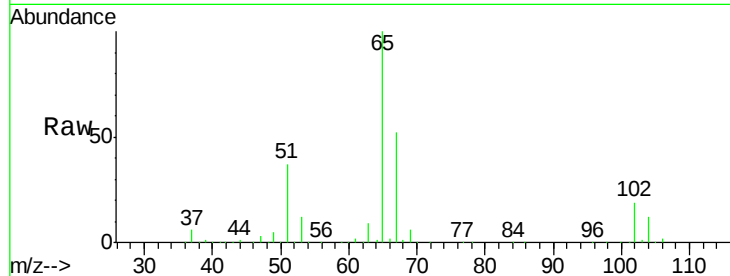
#33
 1,2-Dichloroethane-d4
 Concen: 48.152 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6

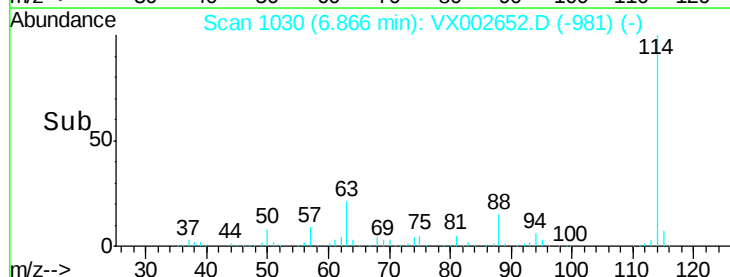
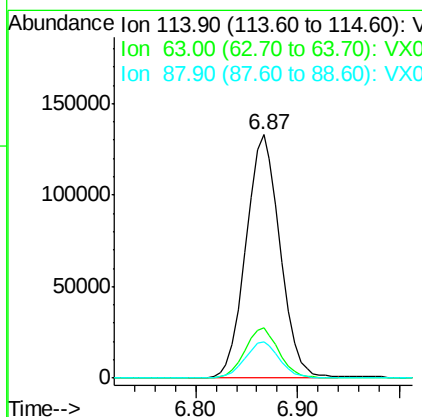
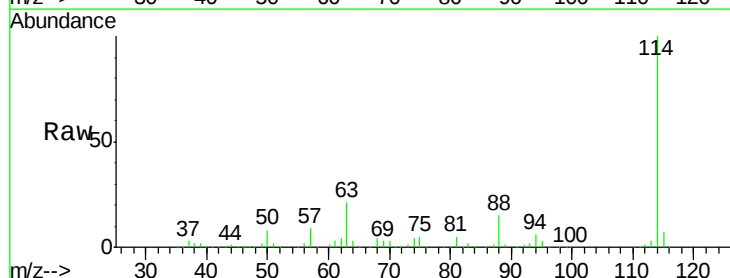
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.4
88	14.8	0.0	30.0





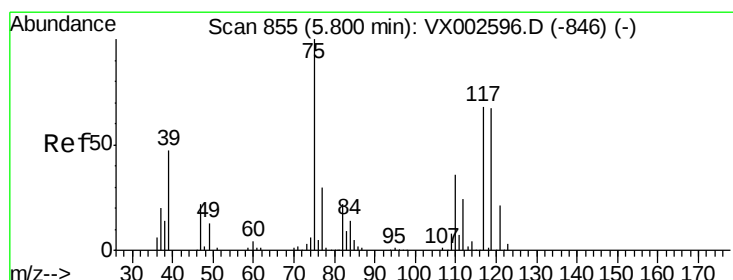
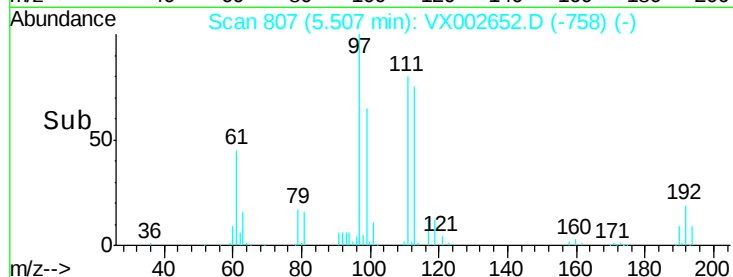
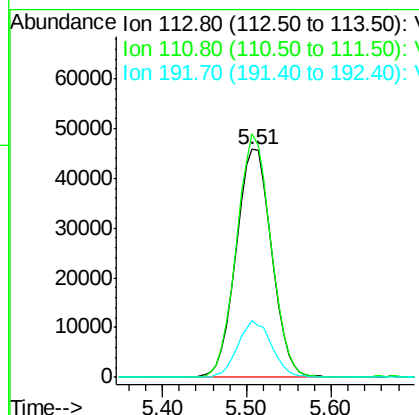
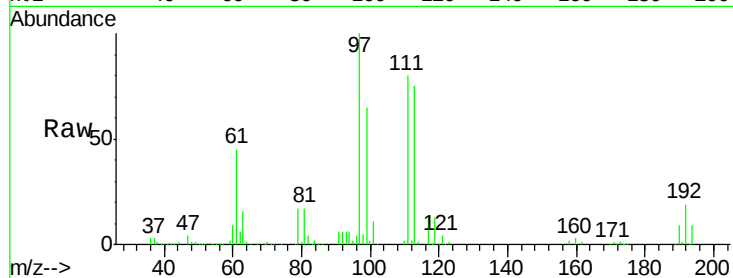
#35
Dibromofluoromethane
Concen: 52.921 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	131092		
111	103.0	81.4	122.0	
192	23.6	19.1	28.7	

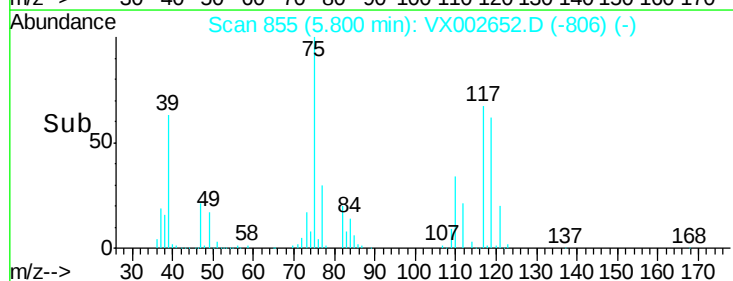
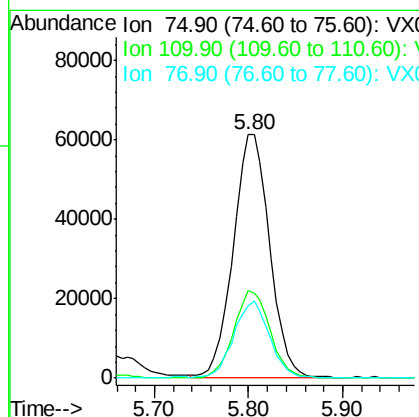
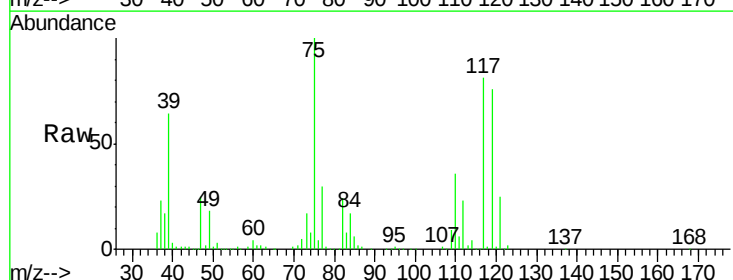
Manual Integrations
APPROVED

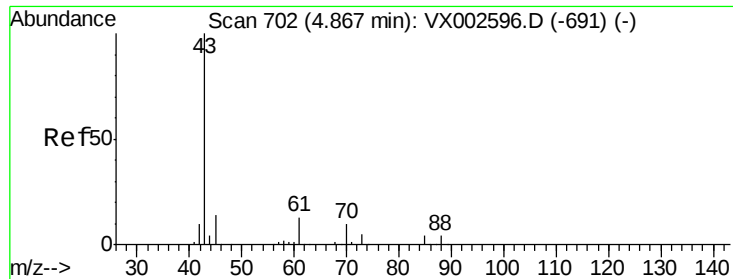
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#36
1,1-Dichloropropene
Concen: 49.623 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	163577		
110	36.3	18.1	54.4	
77	31.7	24.3	36.5	





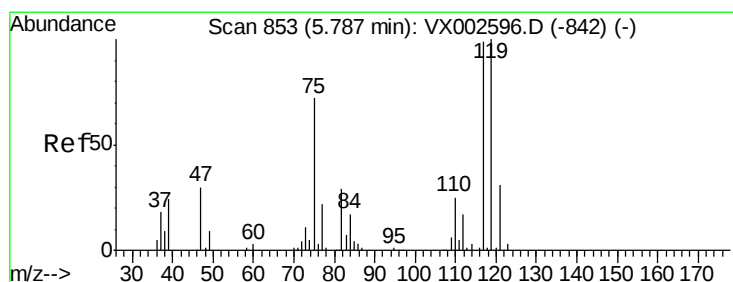
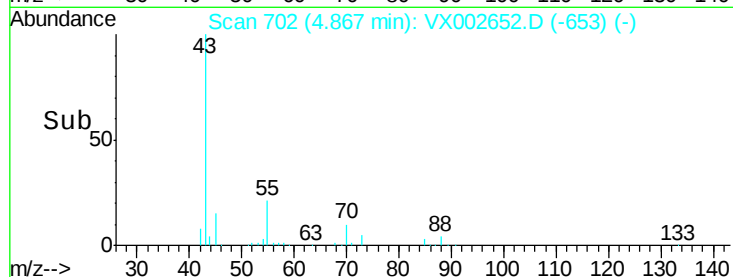
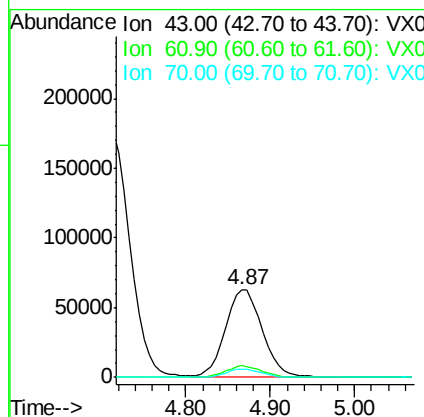
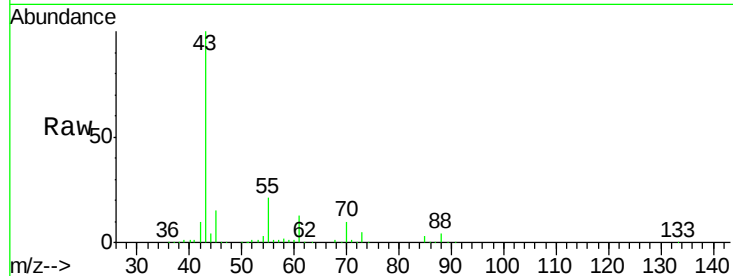
#37
Ethyl Acetate
Concen: 49.691 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.4	15.6
70	9.6	7.6	11.4

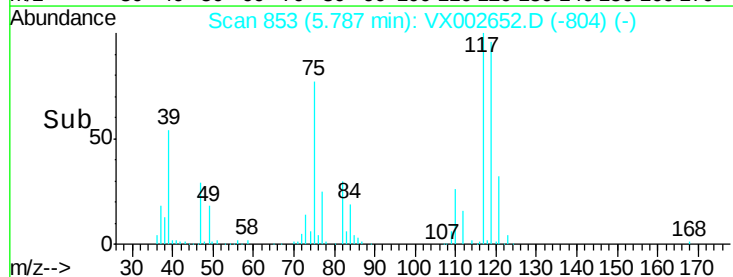
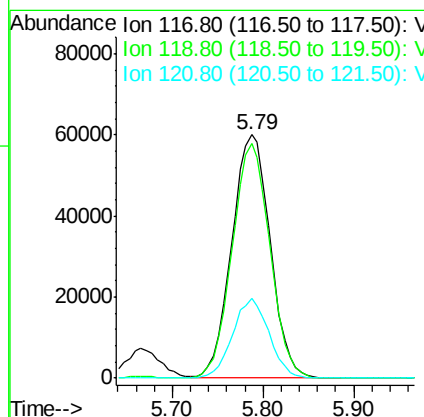
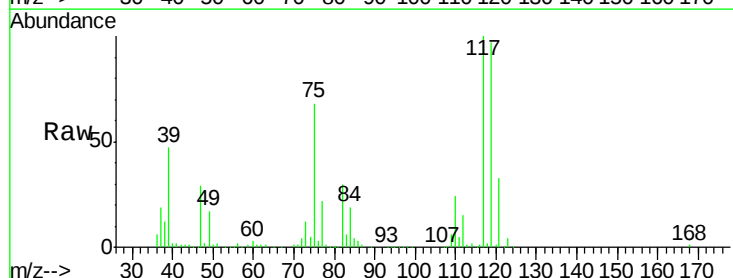
Manual Integrations
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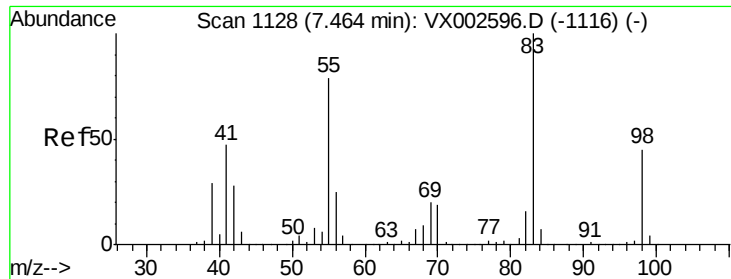
MMDadoda
6/19/2018 1:04:49 PM



#38
Carbon Tetrachloride
Concen: 53.664 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
121	32.6	24.4	36.6





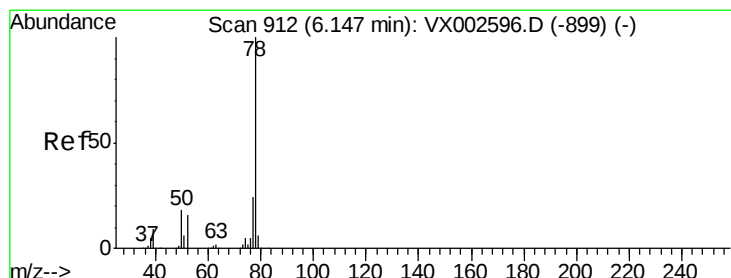
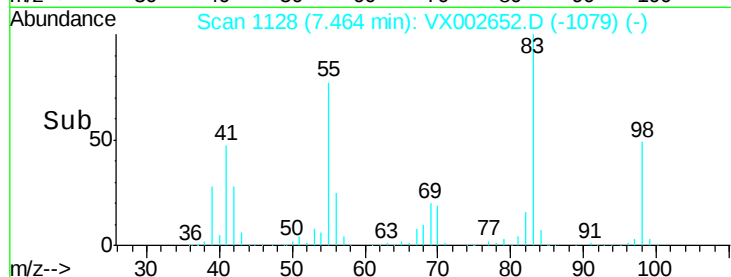
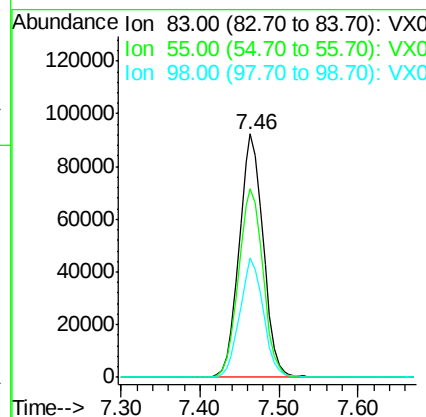
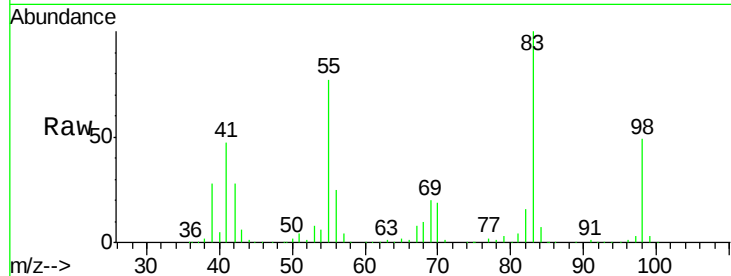
#39
Methvlcvclohexane
Concen: 50.870 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	196031		
55	77.4	65.4	98.0	
98	48.9	37.4	56.0	

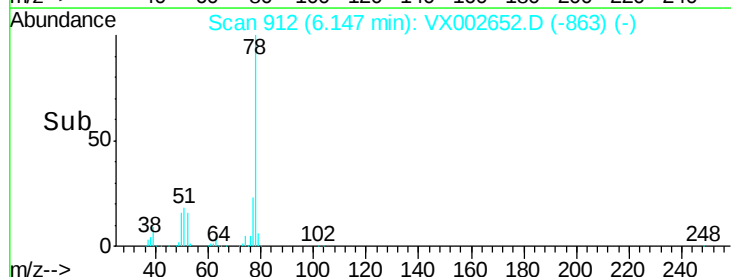
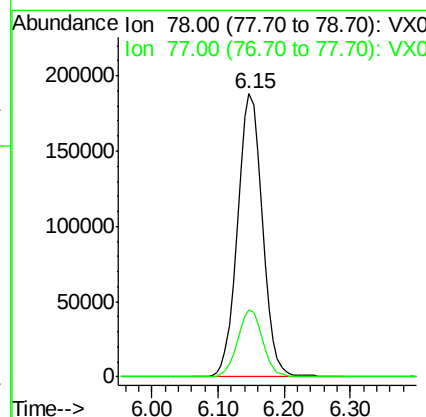
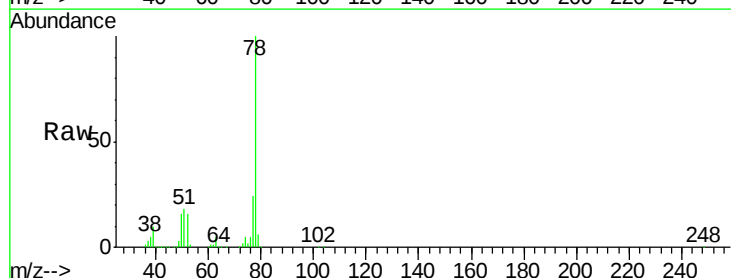
Manual Integrations
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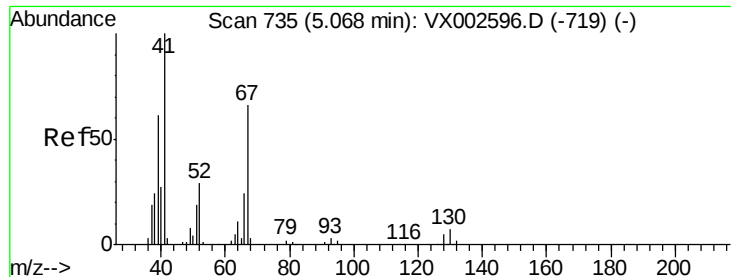
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#40
Benzene
Concen: 49.728 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	491524		
77	23.6	19.1	28.7	





#41

Methacrylonitrile

Concen: 50.085 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

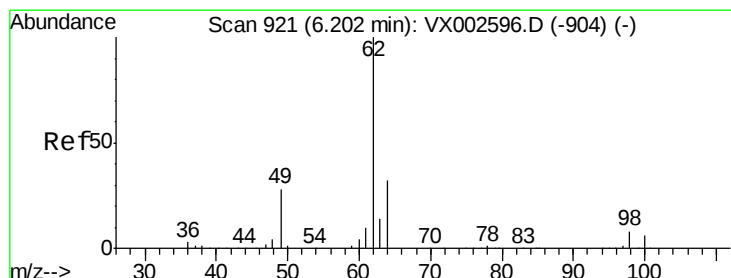
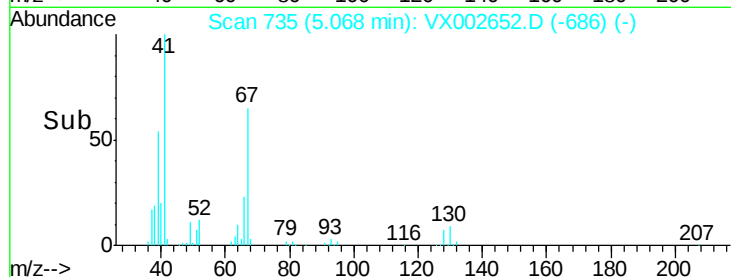
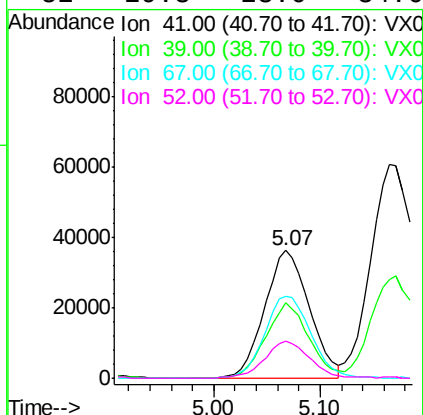
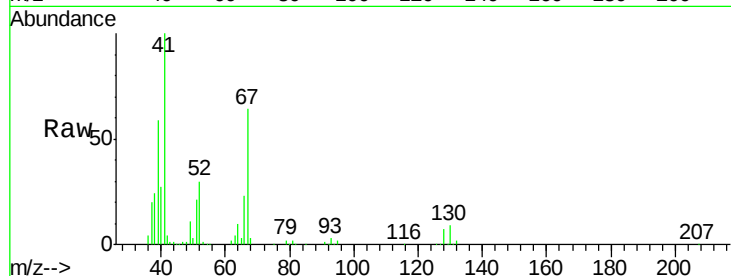
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.6
67	66.5	51.3	76.9
52	29.3	23.0	34.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.076 ug/l

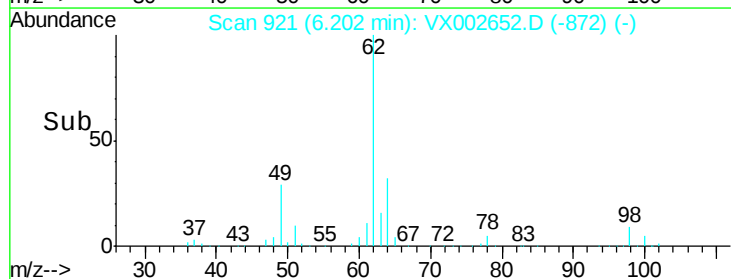
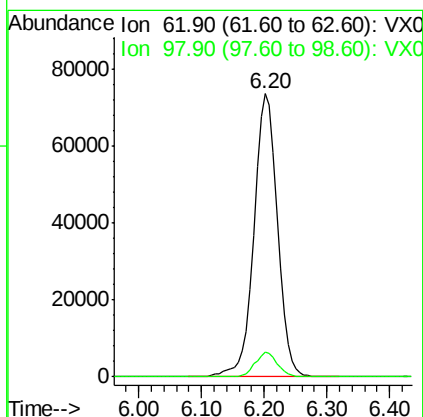
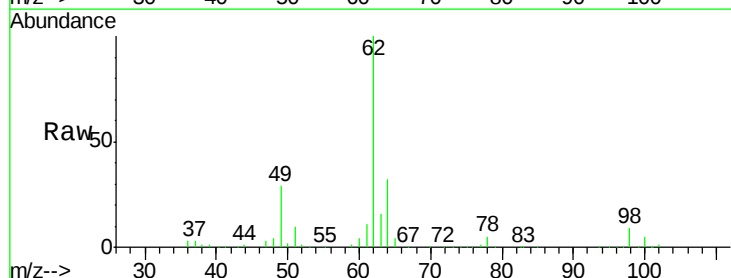
RT: 6.20 min Scan# 921

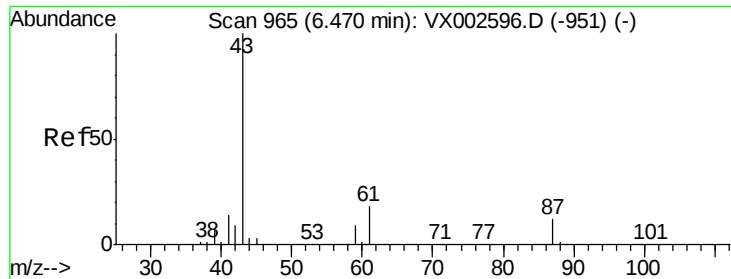
Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

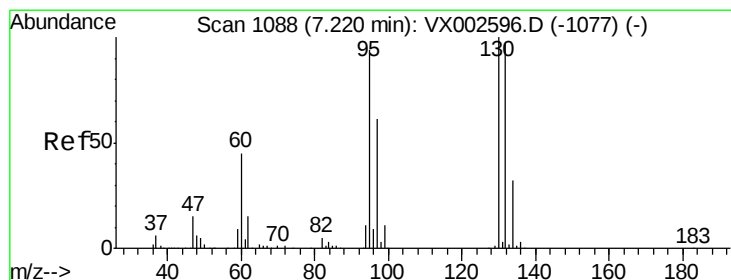
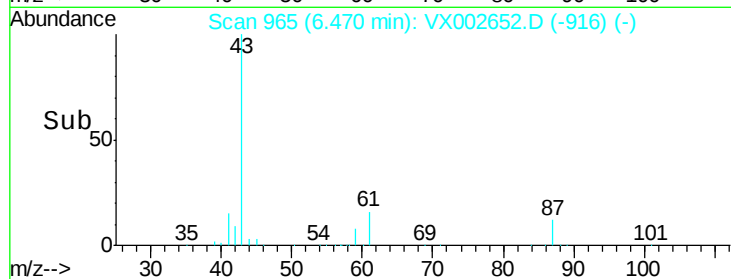
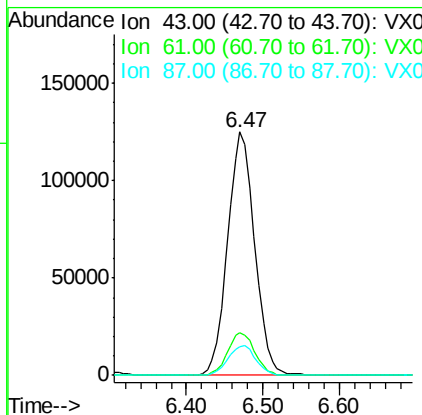
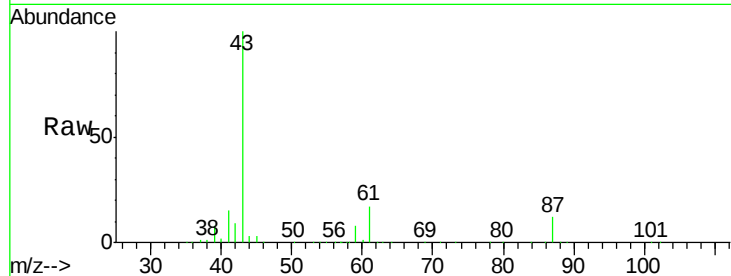
Isopropyl Acetate
 Concen: 49.208 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.4	21.6
87	12.4	9.5	14.3

Manual Integrations
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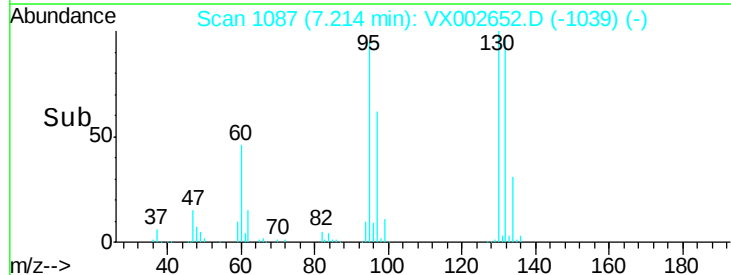
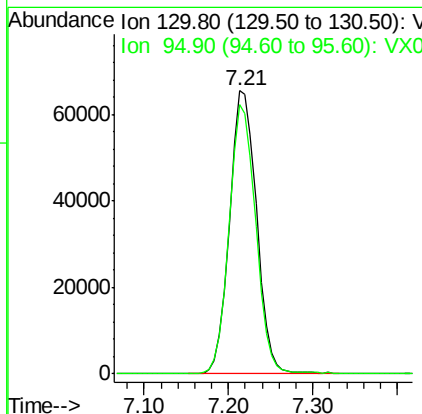
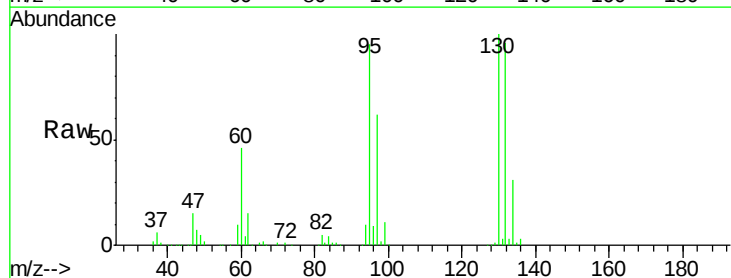
MMDadoda
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#44

Trichloroethene
 Concen: 50.050 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	185.4





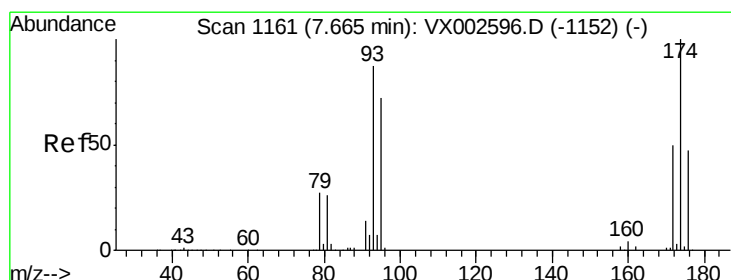
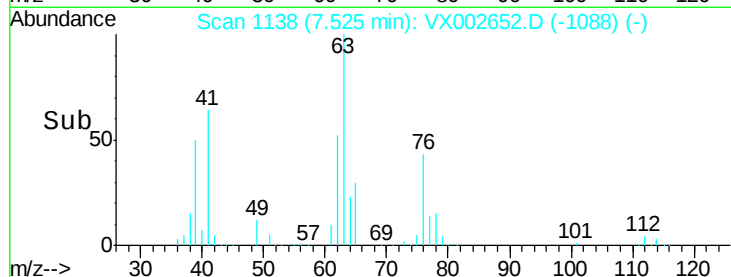
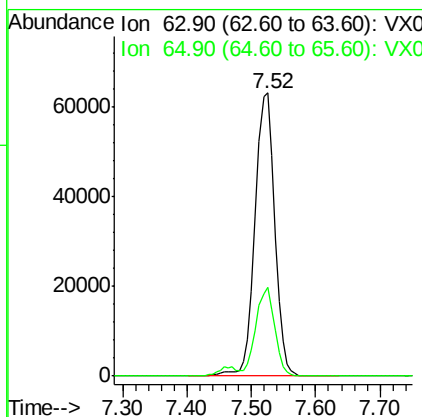
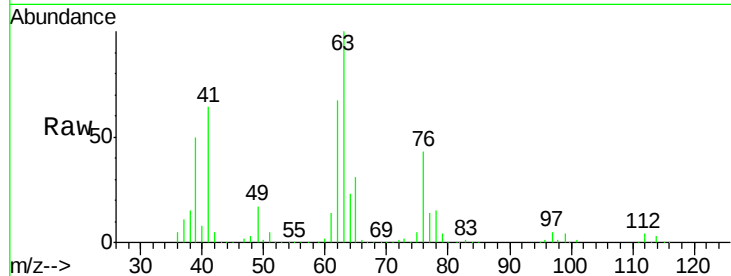
#45
 1,2-Dichloropropane
 Concen: 50.599 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 131628
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1

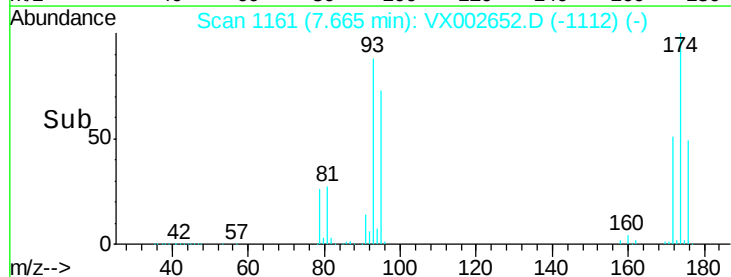
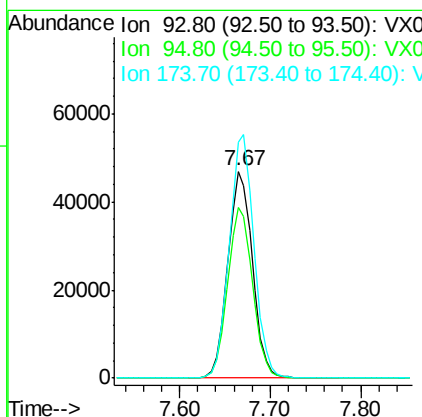
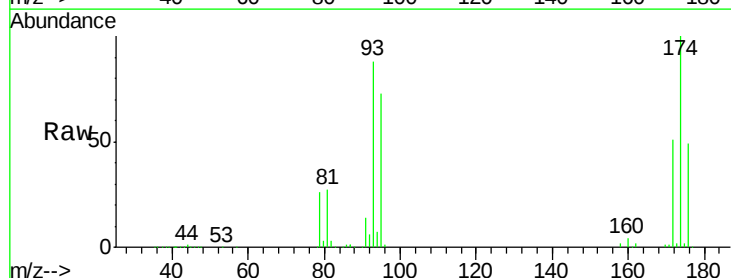
Manual Integrations
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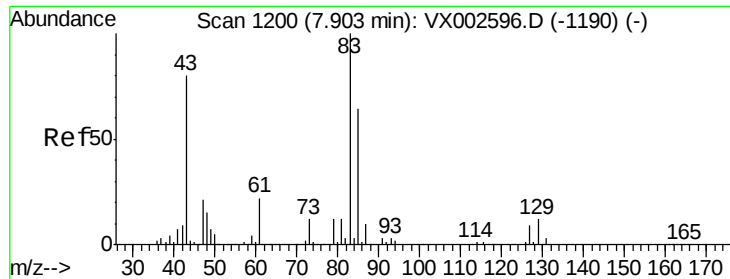
MMDadoda
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#46
 Dibromomethane
 Concen: 50.947 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Tgt Ion: 93 Resp: 88654
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.9 98.9
 174 117.9 92.4 138.6





#47

Bromodichloromethane

Concen: 53.978 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

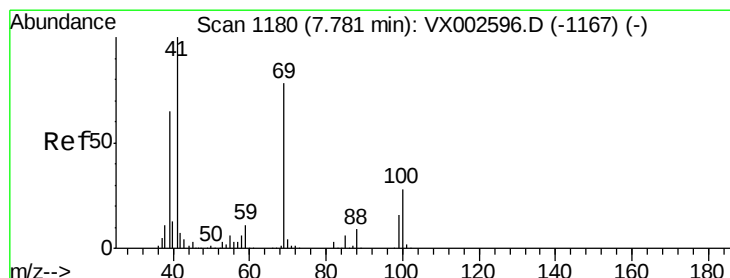
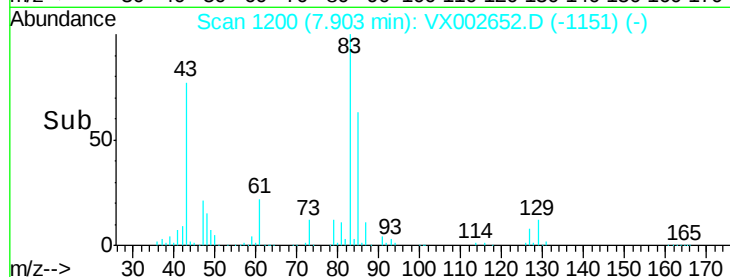
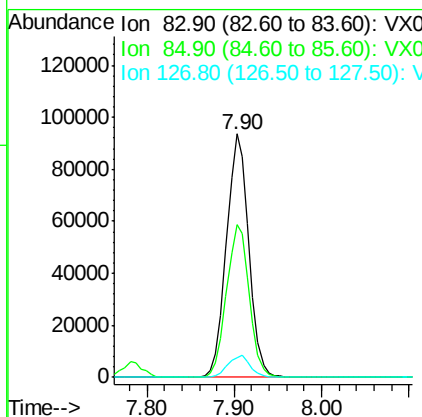
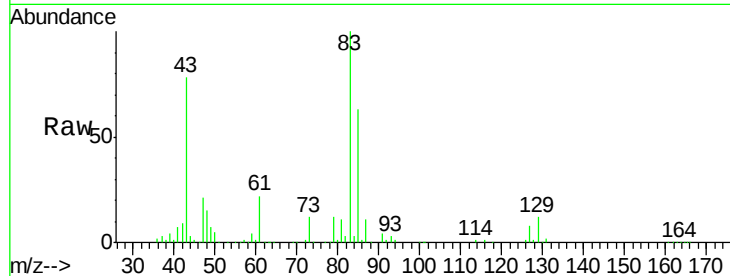
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	165668
Ion Ratio	Lower	Upper	
83	100		
85	62.7	50.3	75.5
127	8.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.949 ug/l

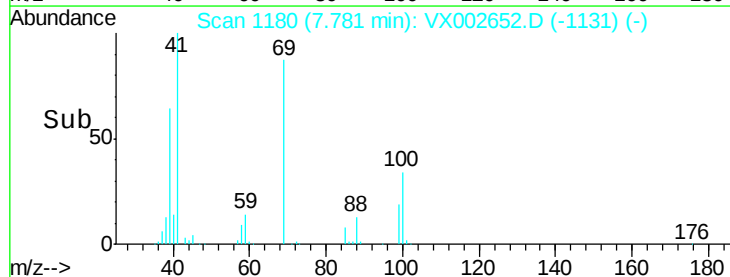
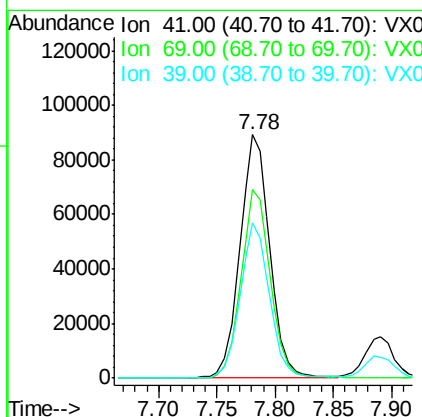
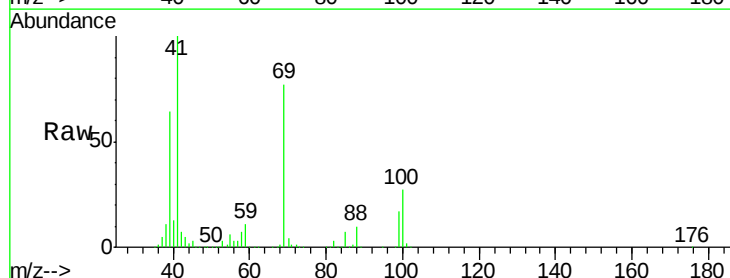
RT: 7.78 min Scan# 1180

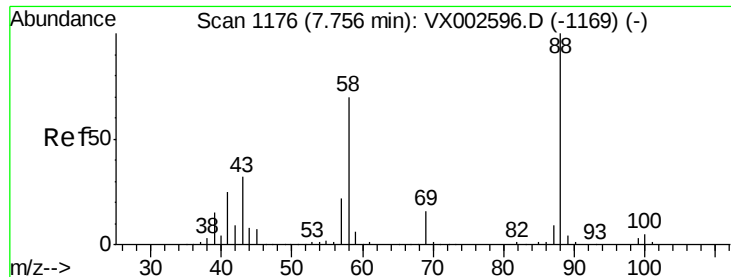
Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Tgt Ion:	41	Resp:	157788
Ion Ratio	Lower	Upper	
41	100		
69	76.7	59.1	88.7
39	62.5	48.9	73.3





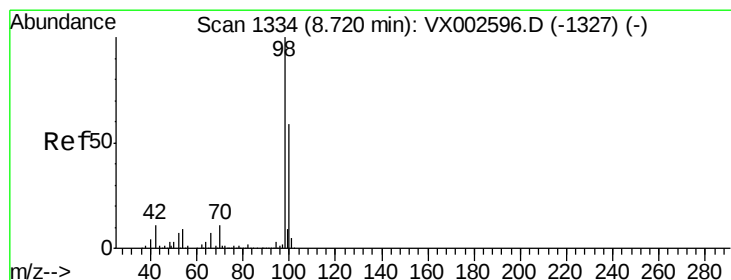
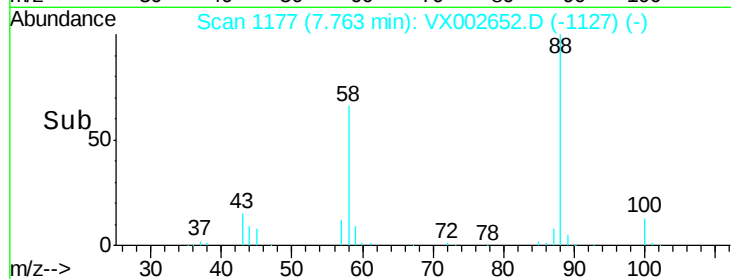
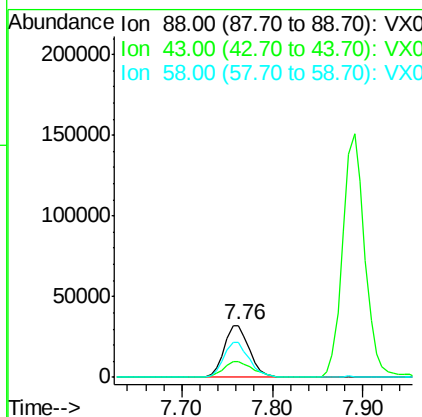
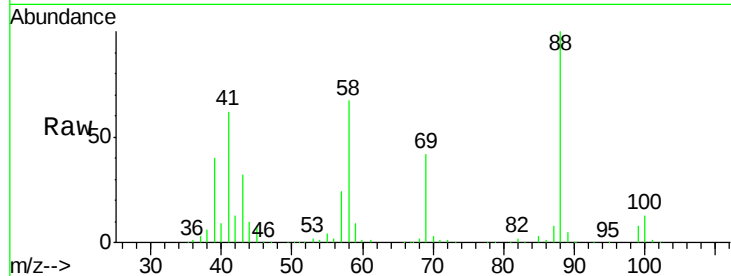
#49
1,4-Dioxane
Concen: 1047.132 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	29.8	44.6
58	68.6	57.1	85.7

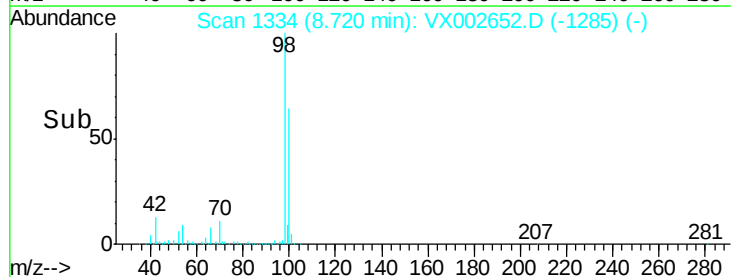
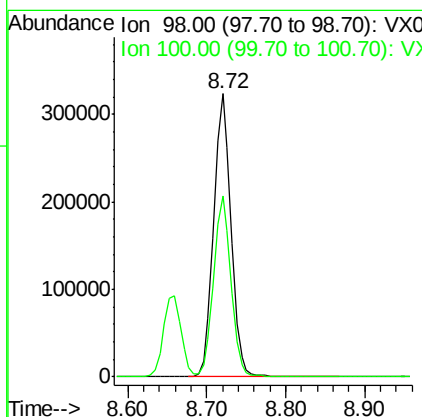
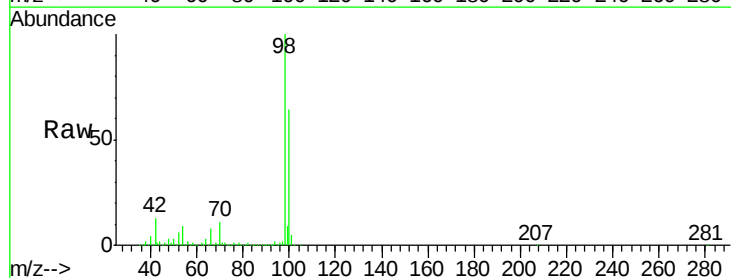
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#50
Toluene-d8
Concen: 52.919 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





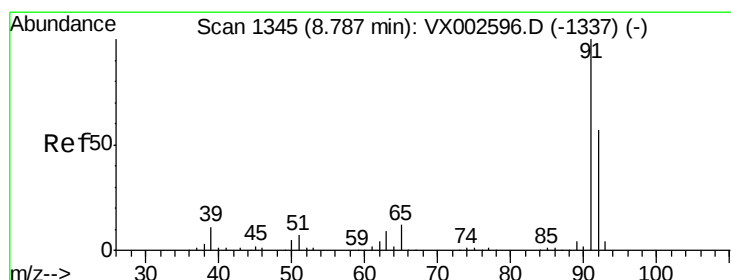
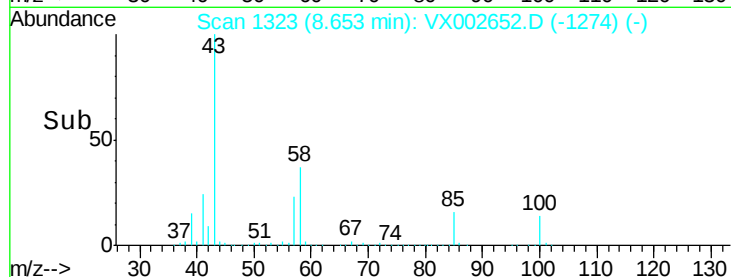
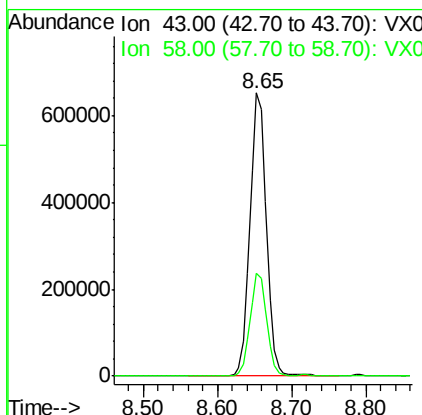
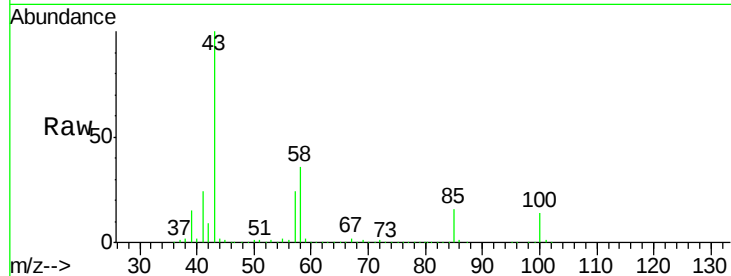
#51
4-Methyl-2-Pentanone
Concen: 255.019 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1012188
Ion Ratio Lower Upper
43 100
58 36.5 28.6 42.8

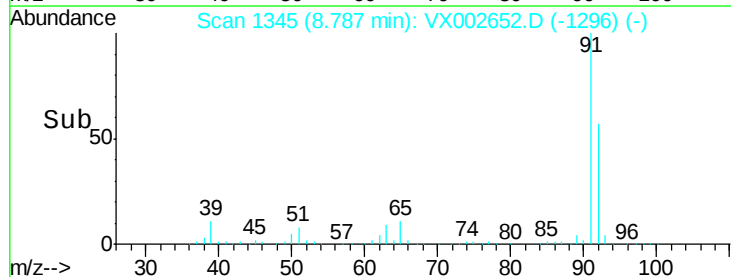
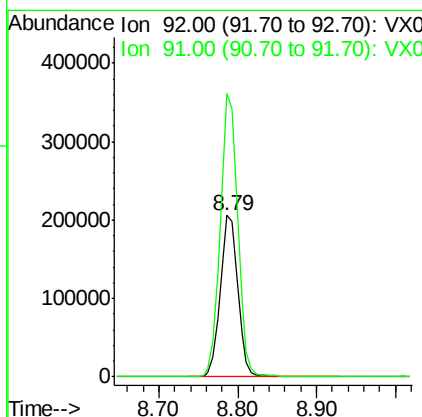
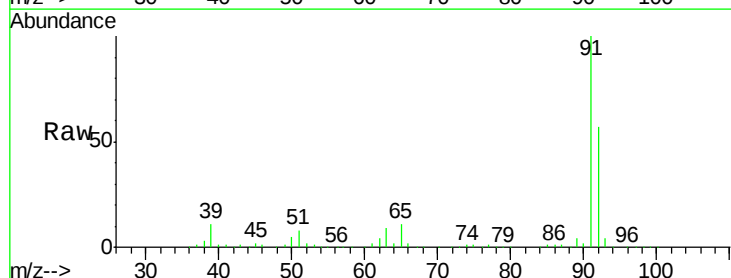
Manual Integrations
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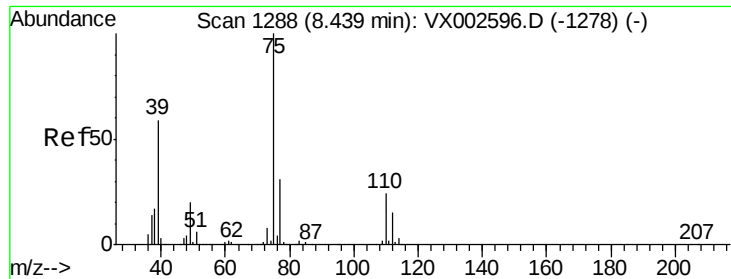
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#52
Toluene
Concen: 50.744 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion: 92 Resp: 319944
Ion Ratio Lower Upper
92 100
91 175.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 48.494 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Tot Ion: 75 Resp: 196711

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

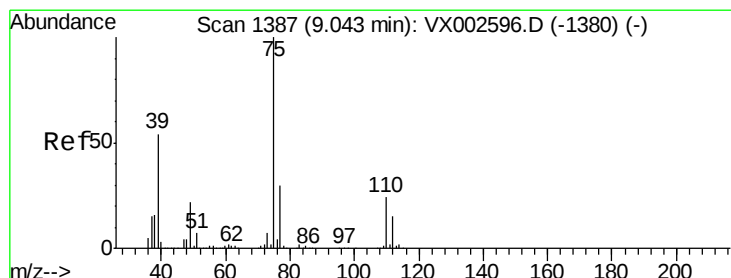
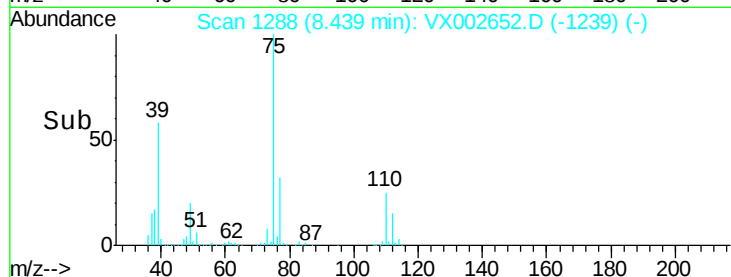
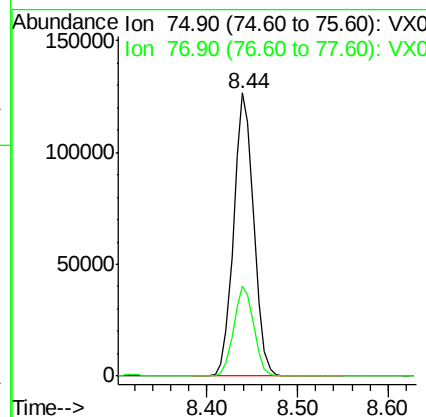
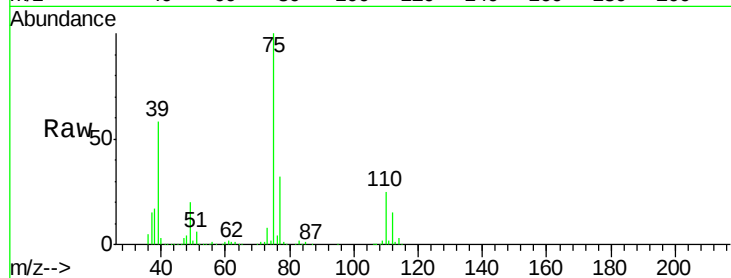
VSTDCCC050

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 46.842 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

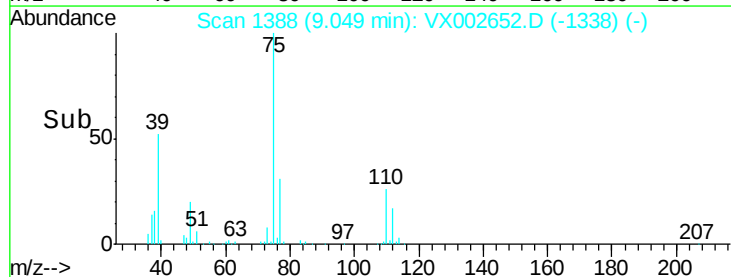
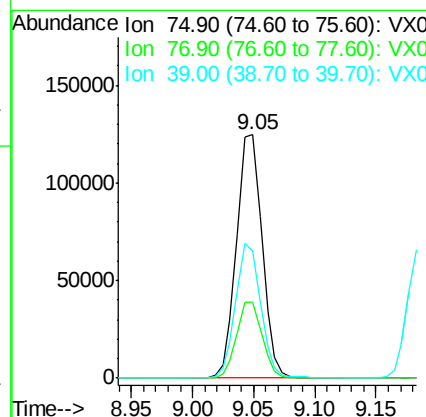
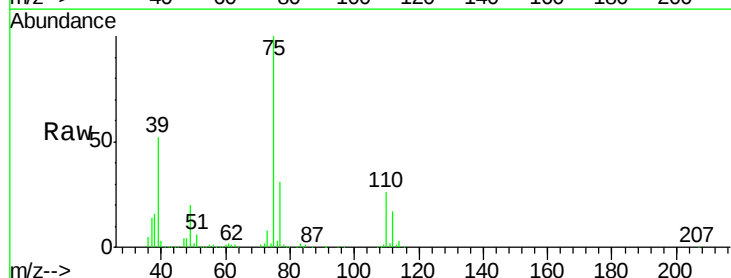
Tgt Ion: 75 Resp: 180699

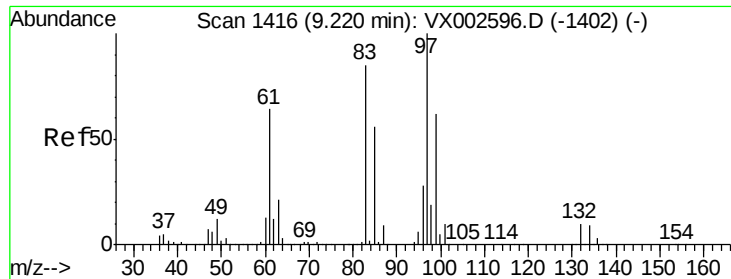
Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 51.8 42.4 63.6





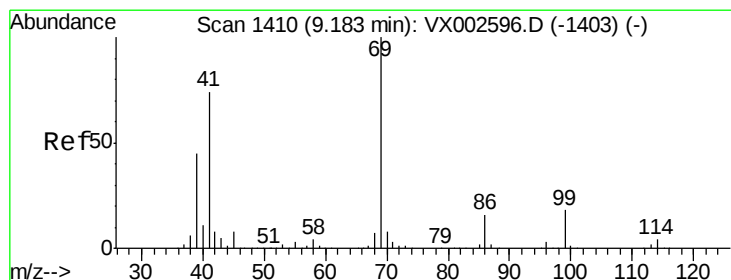
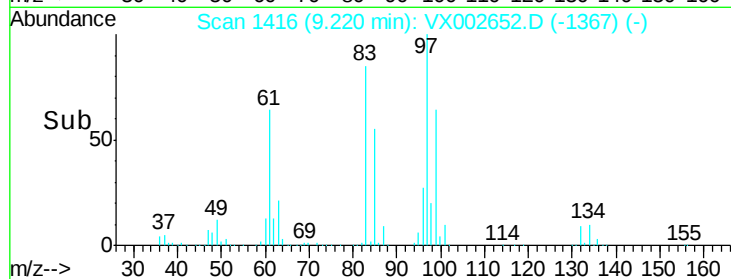
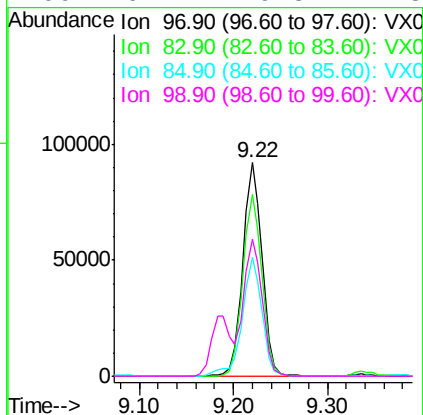
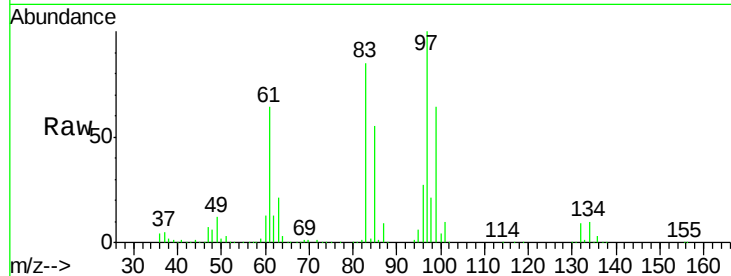
#55
 1,1,2-Trichloroethane
 Concen: 51.399 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	130950
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.2	105.2
85	55.5	44.9	67.3
99	64.1	49.8	74.8

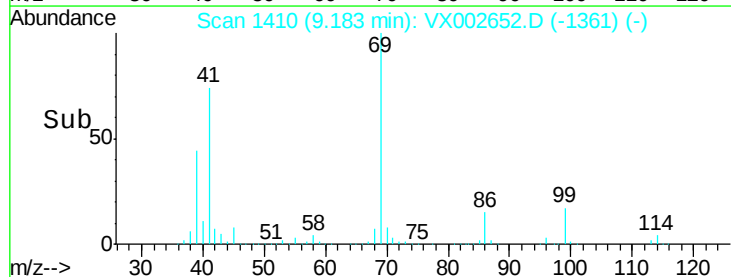
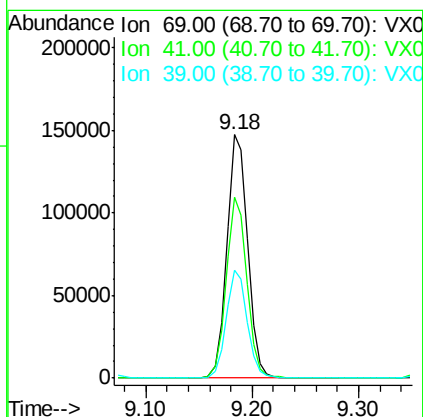
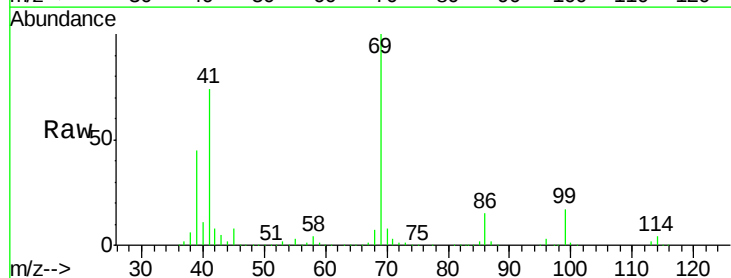
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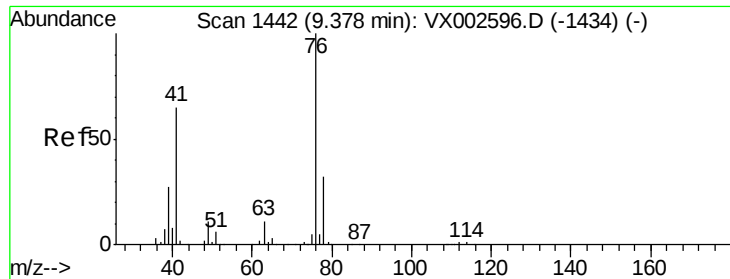
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#56
 Ethyl methacrylate
 Concen: 51.546 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Tgt Ion:	69	Resp:	202096
Ion	Ratio	Lower	Upper
69	100		
41	73.5	60.3	90.5
39	44.4	35.8	53.8





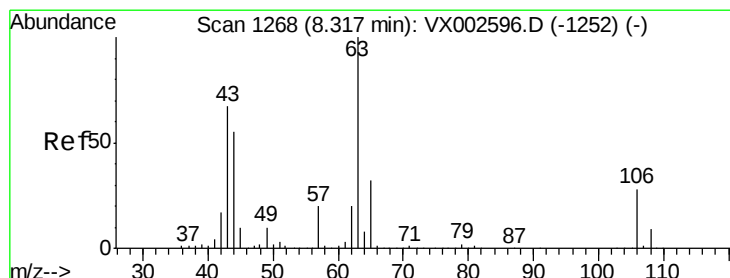
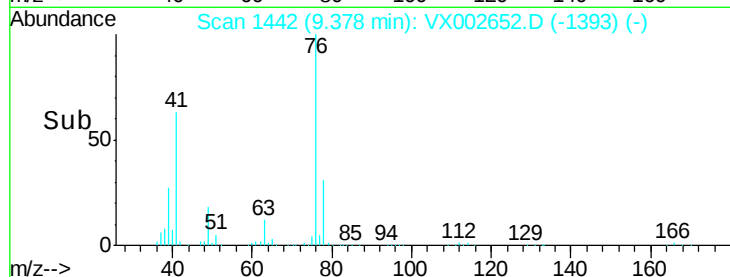
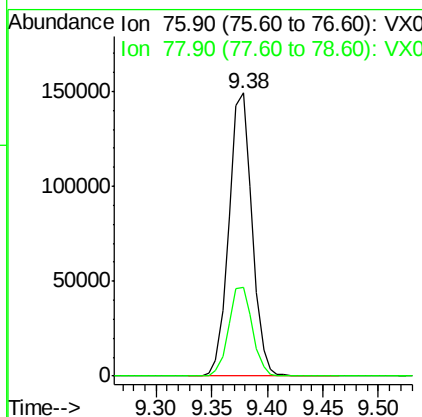
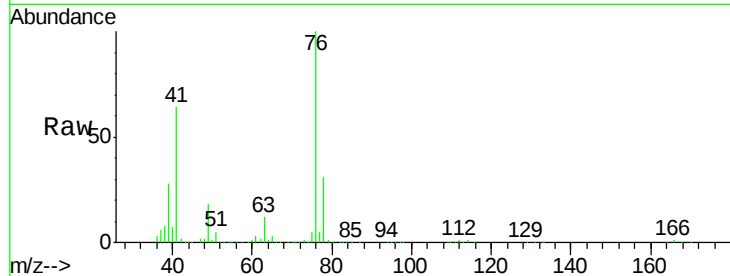
#57
 1,3-Dichloropropane
 Concen: 49.762 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 214420
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

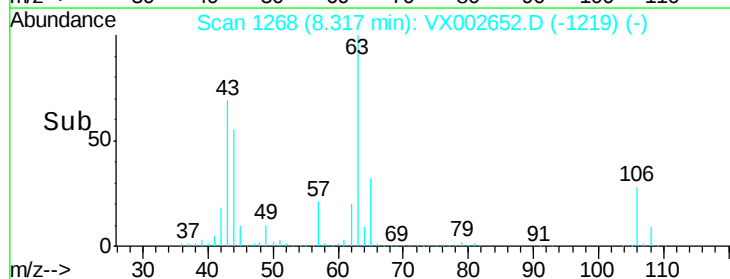
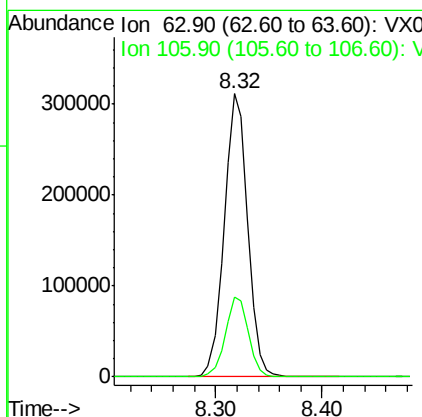
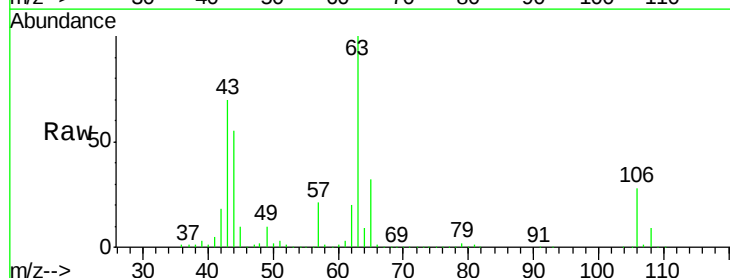
Manual Integrations
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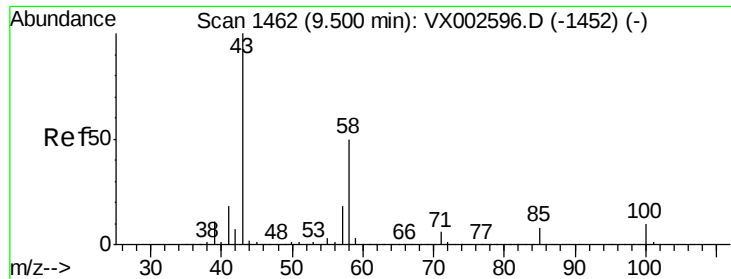
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#58
 2-Chloroethyl Vinyl ether
 Concen: 252.290 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Tgt Ion: 63 Resp: 478427
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.8 32.8





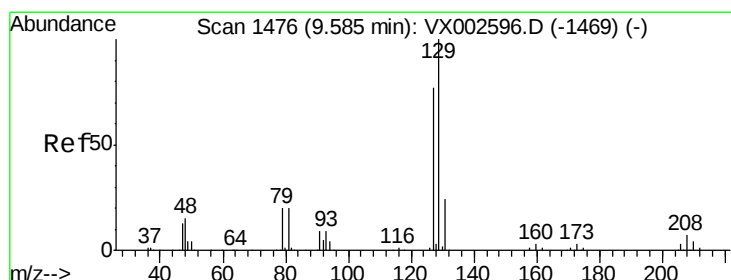
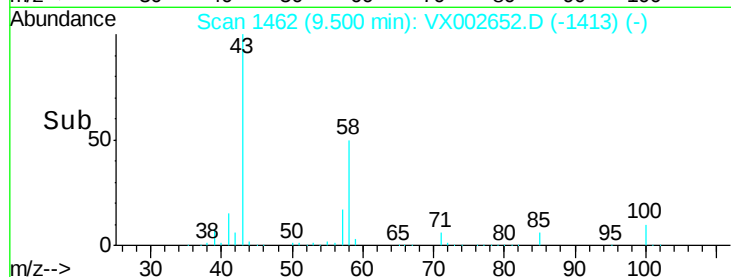
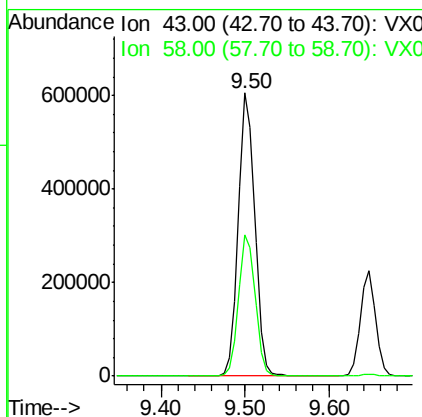
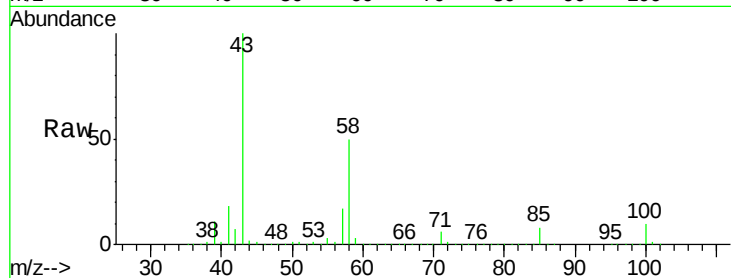
#59
2-Hexanone
Concen: 266.365 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 796658
Ion Ratio Lower Upper
43 100
58 50.3 24.6 73.6

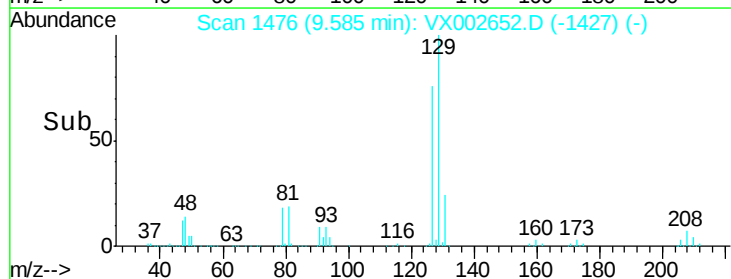
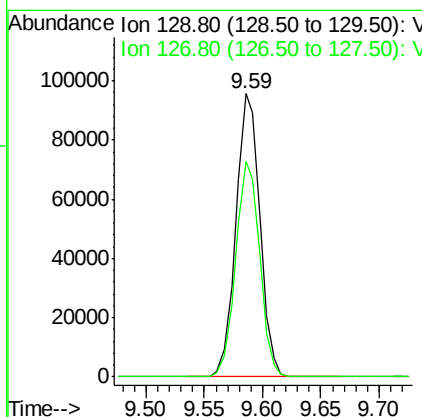
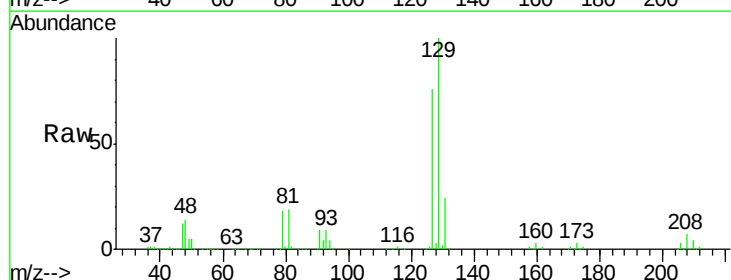
Manual Integrations
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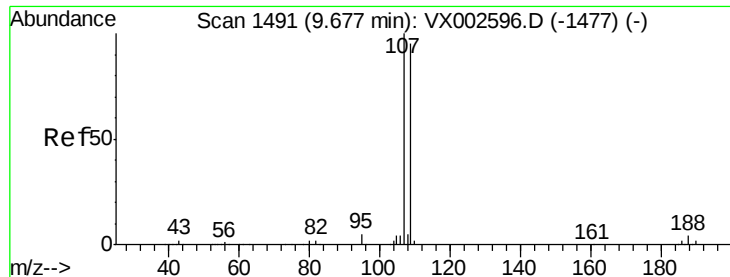
MMDadoda
6/19/2018 1:04:49 PM



#60
Dibromochloromethane
Concen: 48.075 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion: 129 Resp: 137330
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.388 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 138231

Ion Ratio Lower Upper

107 100

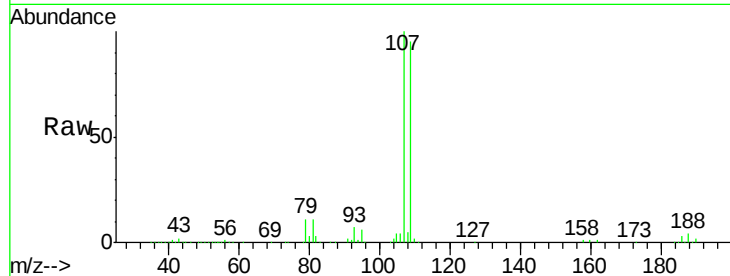
109 94.2 75.3 112.9

Manual Integrations

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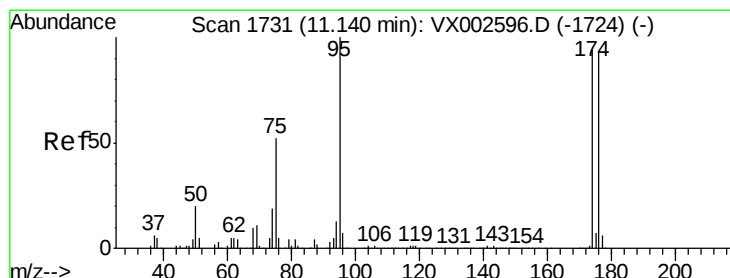
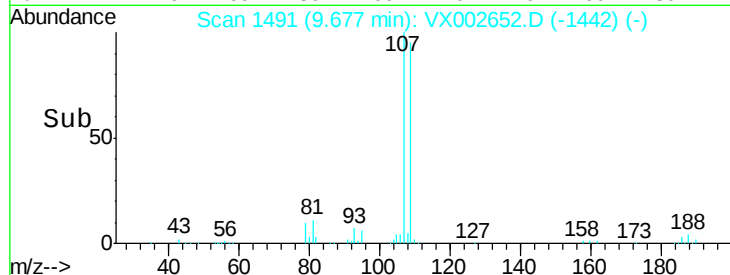
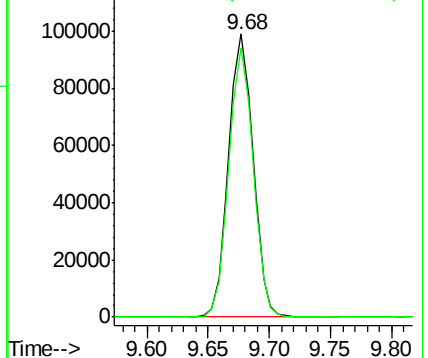
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.574 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

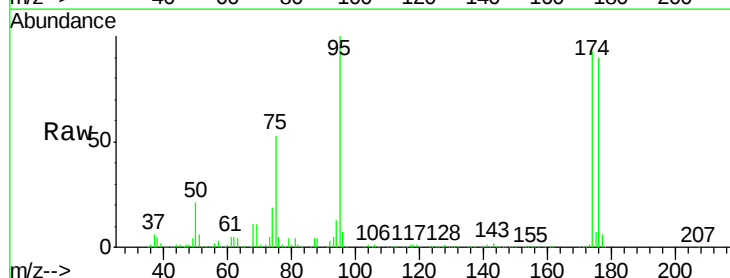
Tgt Ion: 95 Resp: 187376

Ion Ratio Lower Upper

95 100

174 98.5 0.0 187.4

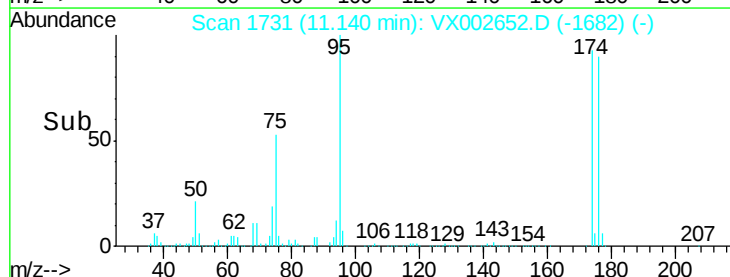
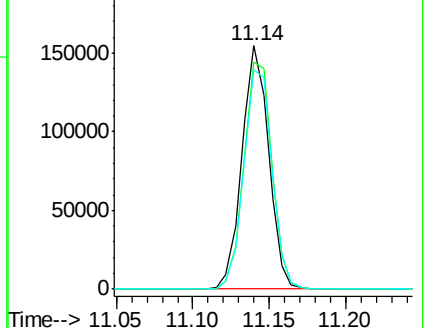
176 95.3 0.0 181.0

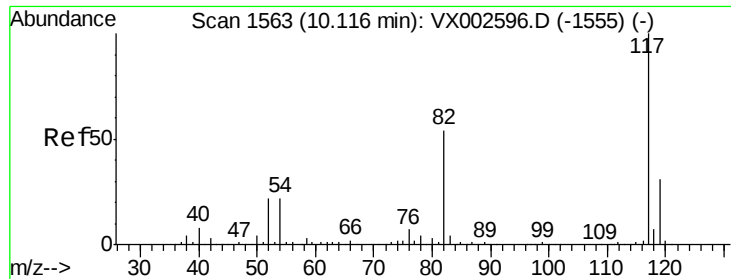


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





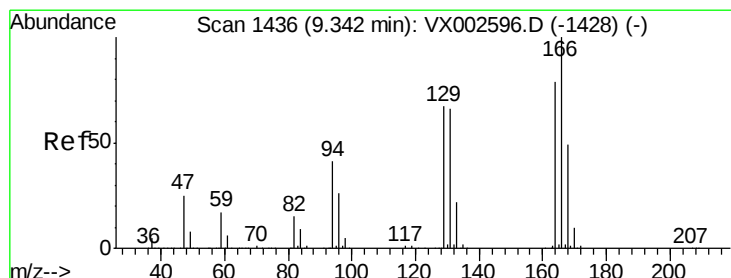
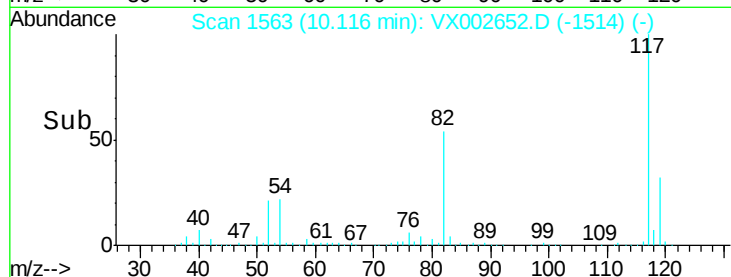
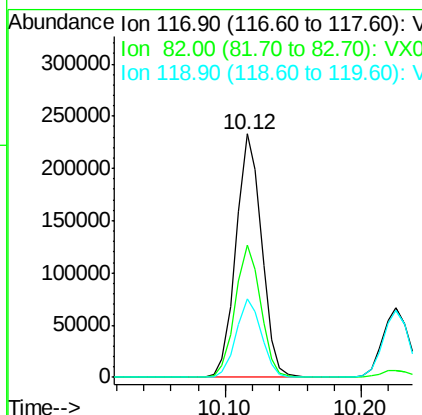
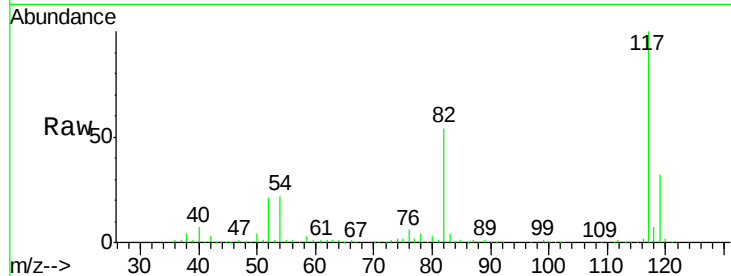
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	306291		
82	54.4	45.0	67.4	
119	32.0	25.8	38.6	

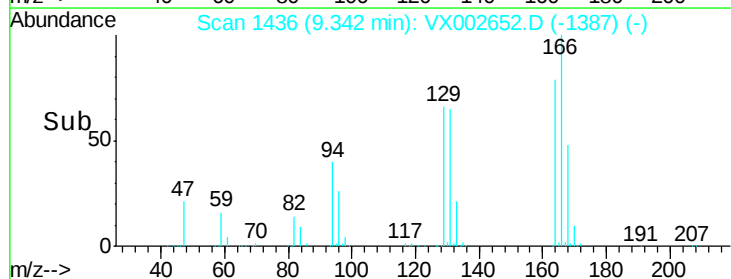
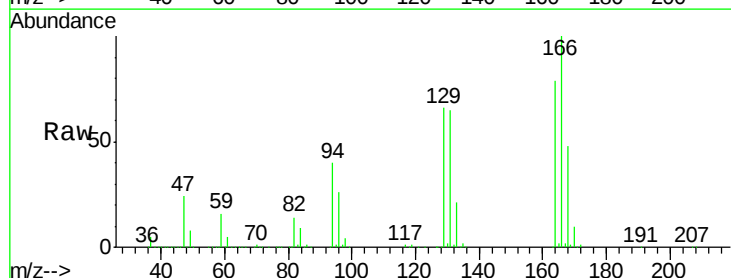
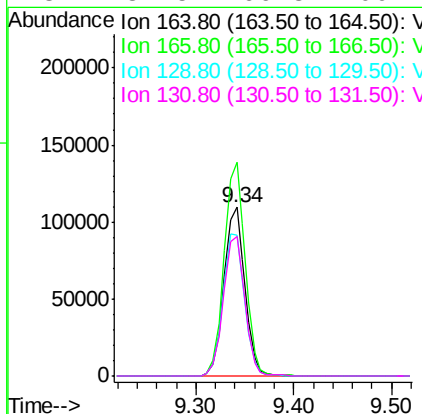
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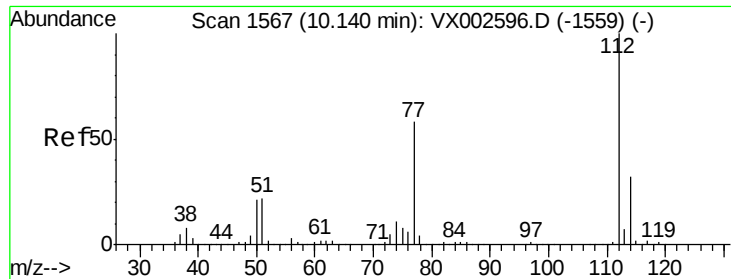
MMDadoda
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#64
Tetrachloroethene
Concen: 47.608 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	161865		
166	126.8	102.9	154.3	
129	83.6	68.6	102.8	
131	82.5	66.8	100.2	





#65

Chlorobenzene

Concen: 49.336 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 371109

Ion Ratio Lower Upper

112 100

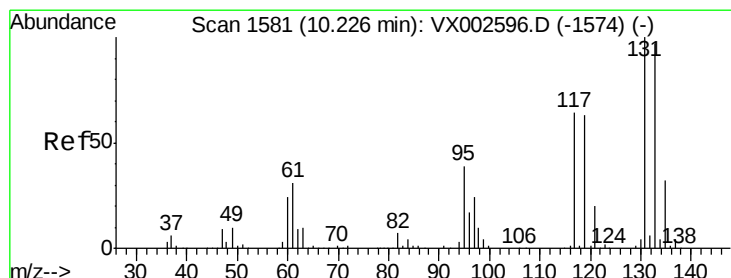
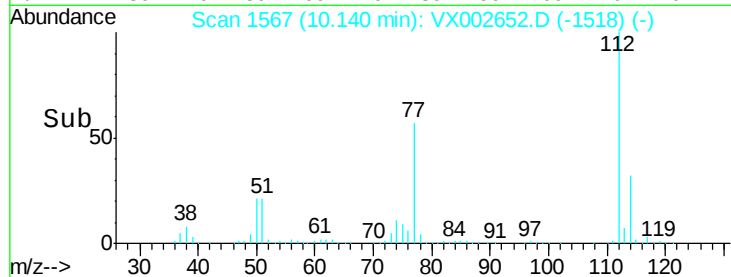
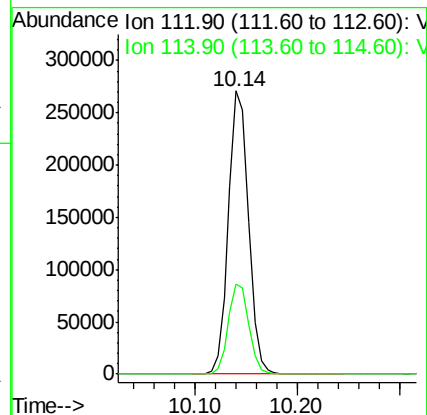
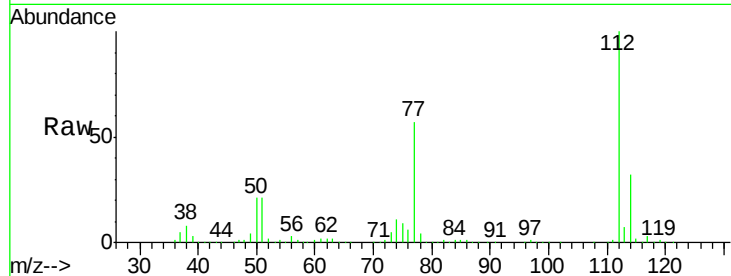
114 31.9 25.3 37.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 52.637 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

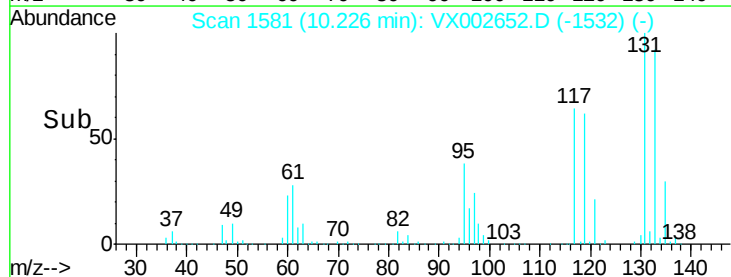
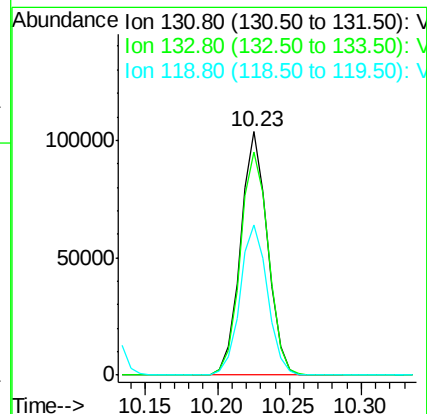
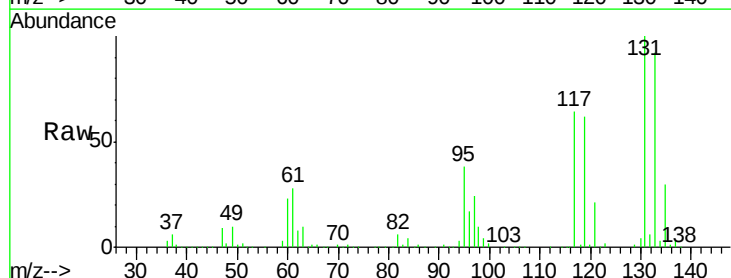
Tgt Ion:131 Resp: 134984

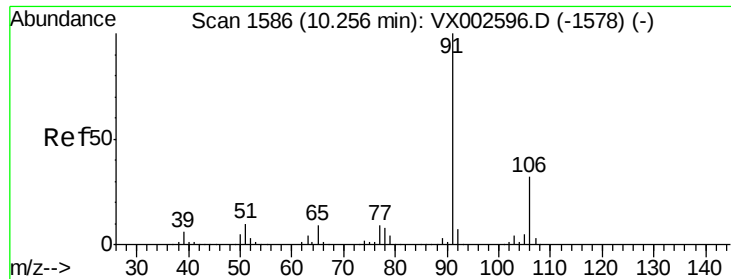
Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

119 63.1 31.8 95.3





#67

Ethyl Benzene

Concen: 50.289 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 638032

Ion Ratio Lower Upper

91 100

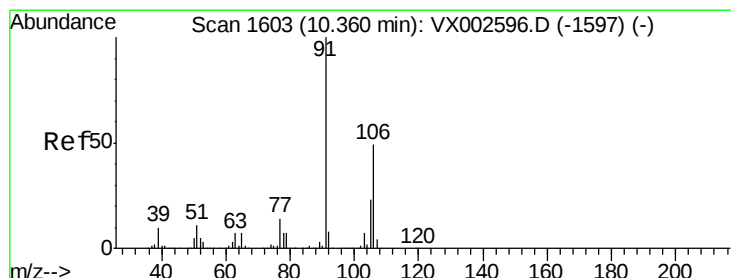
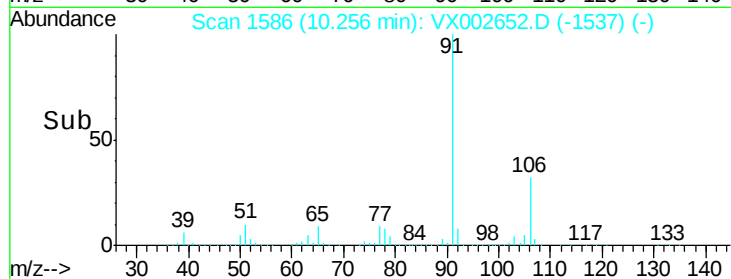
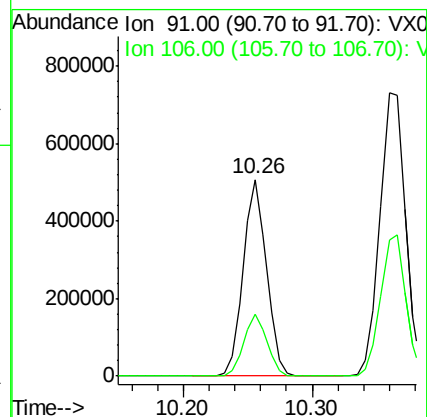
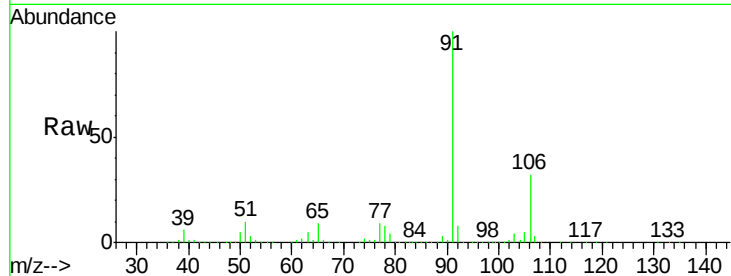
106 31.6 25.5 38.3

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#68

m/p-Xylenes

Concen: 100.404 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX002652.D

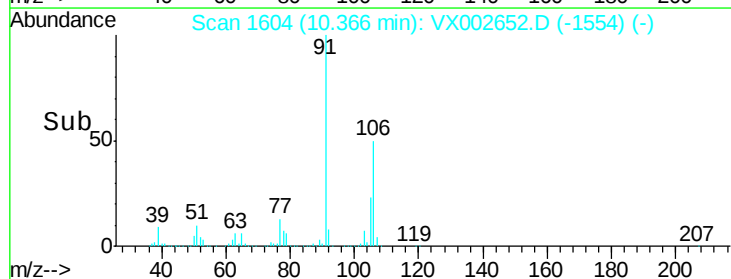
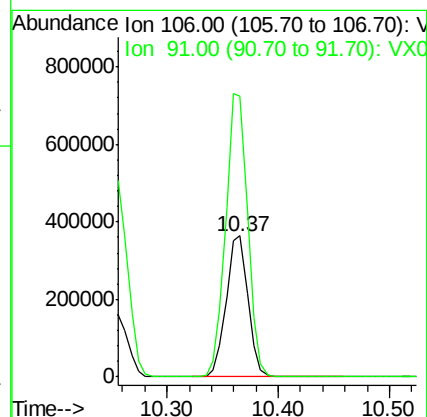
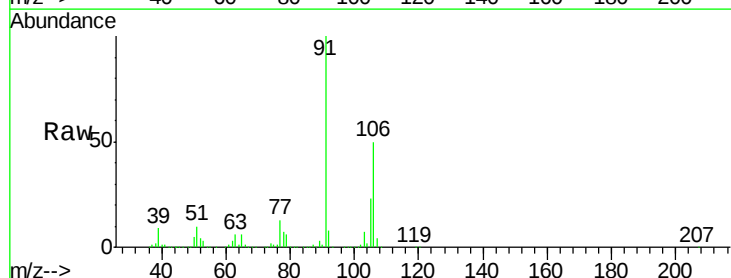
Acq: 16 Jun 2018 17:39

Tgt Ion: 106 Resp: 491384

Ion Ratio Lower Upper

106 100

91 204.0 163.4 245.2





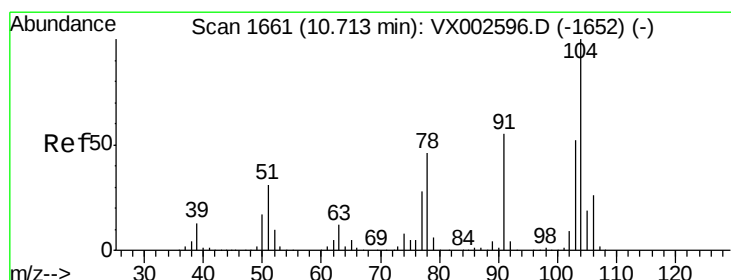
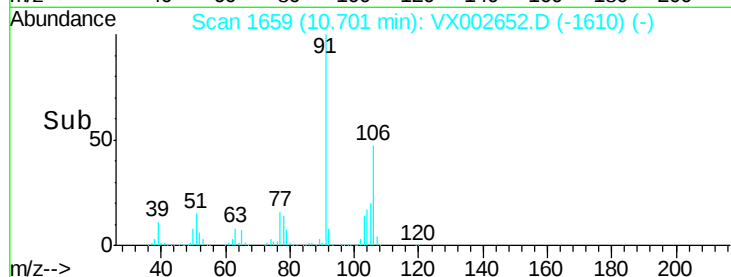
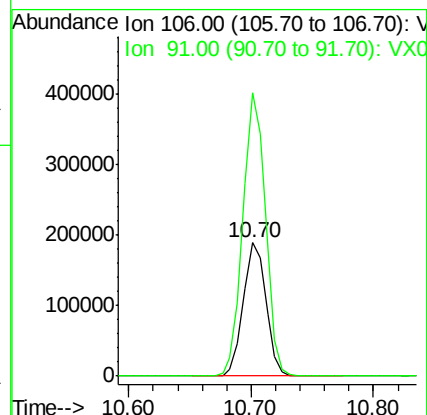
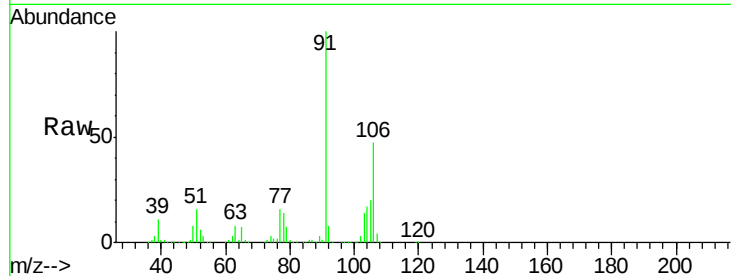
#69
o-Xylene
Concen: 50.331 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.3	108.2	324.6

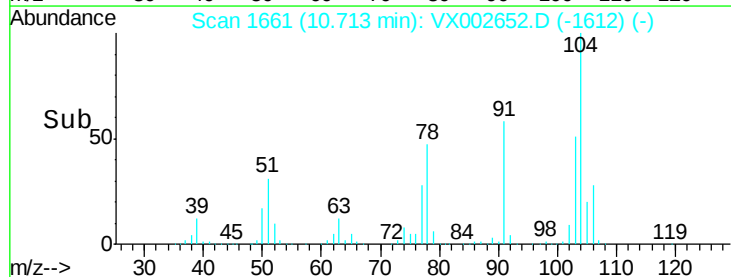
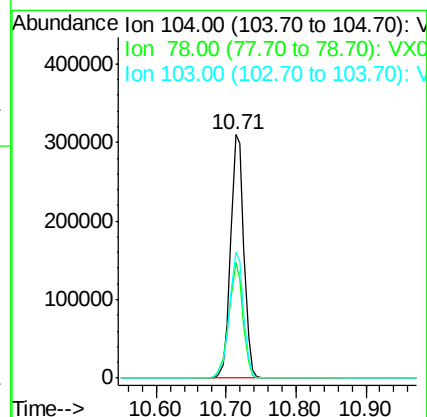
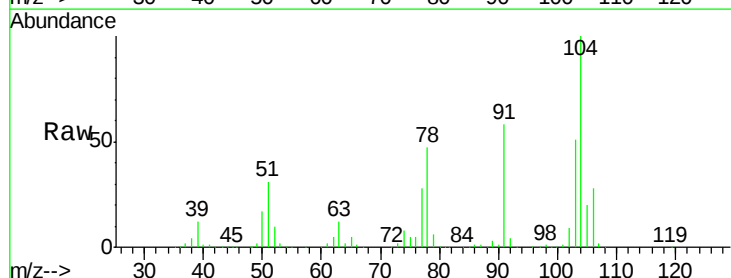
Manual Integrations
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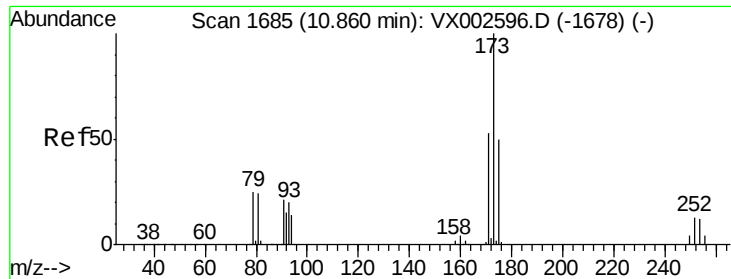
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#70
Styrene
Concen: 51.471 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.6	41.0	61.6
103	55.4	44.2	66.4





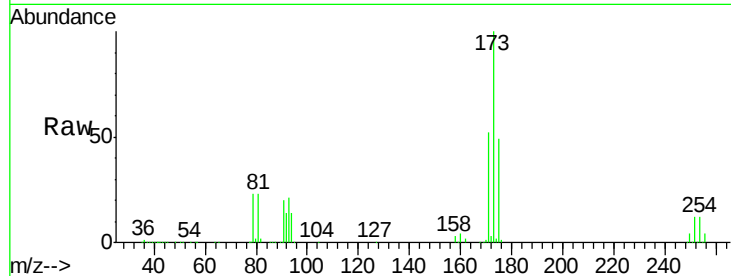
#71
Bromoform
Concen: 45.375 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

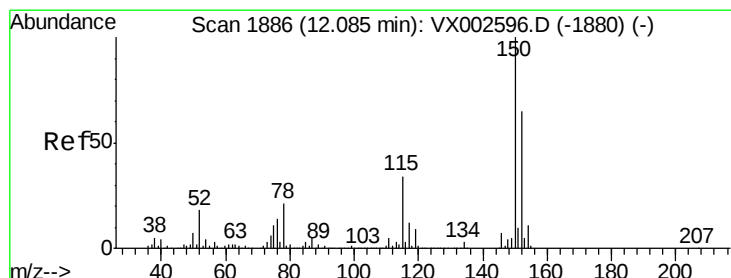
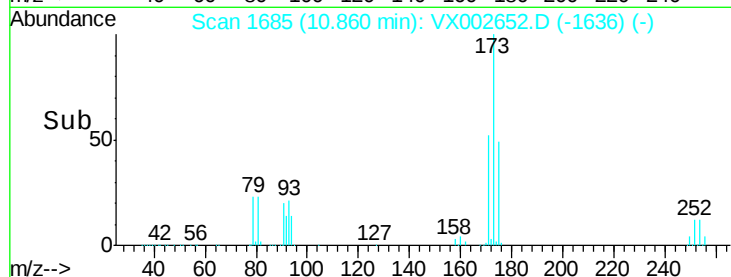
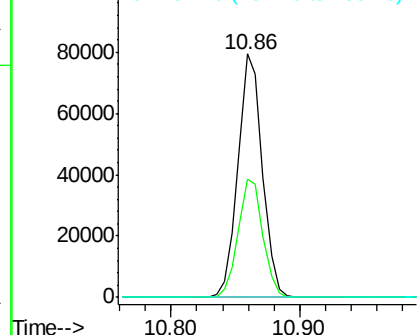
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.7	74.1
254	0.2	0.2	0.2

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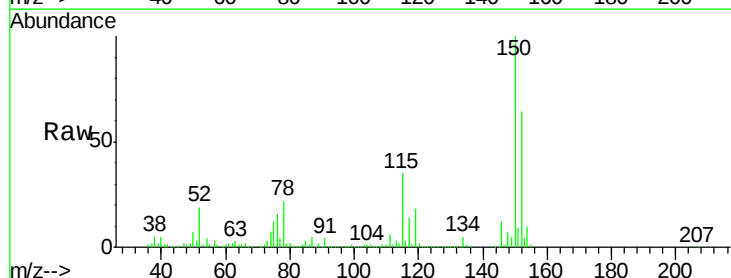


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

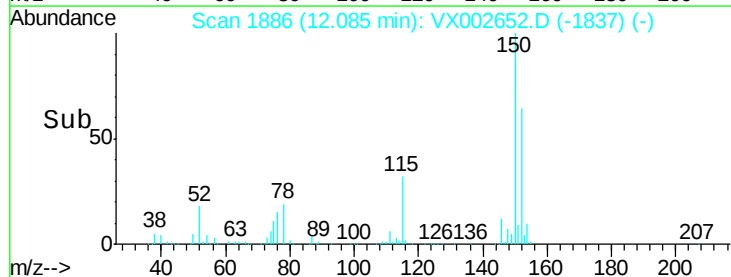
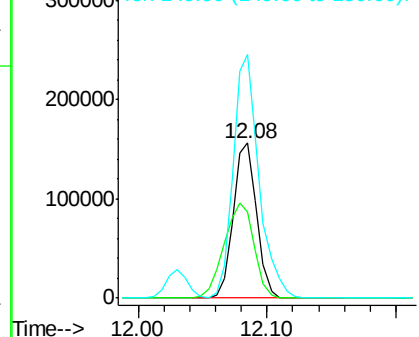


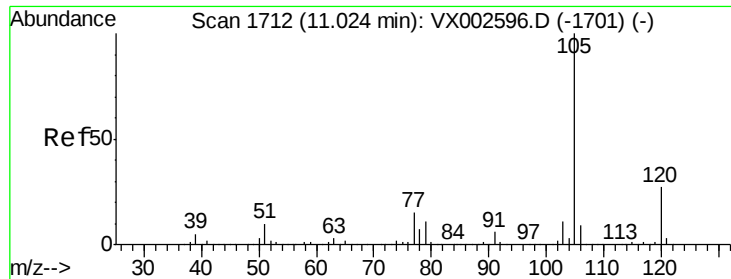
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.7	40.1	120.2
150	173.3	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.253 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 663217

Ion Ratio Lower Upper

105 100

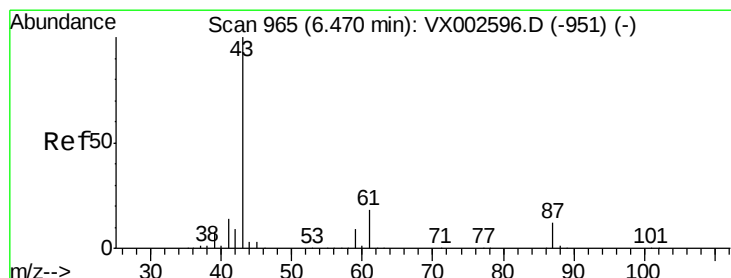
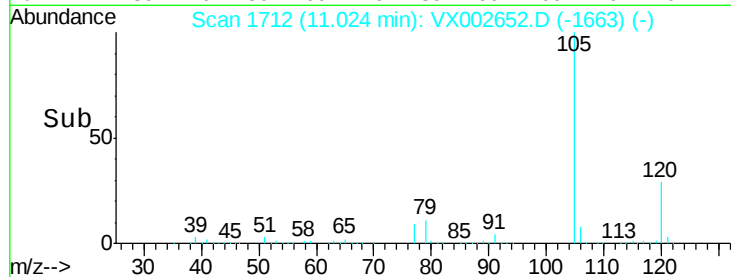
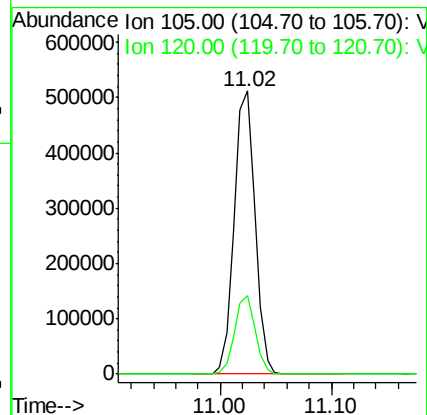
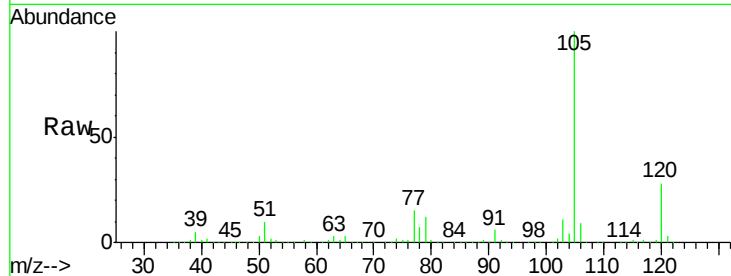
120 27.2 13.5 40.4

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#74

N-ethyl acetate

Concen: 46.390 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Tgt Ion: 43 Resp: 304185

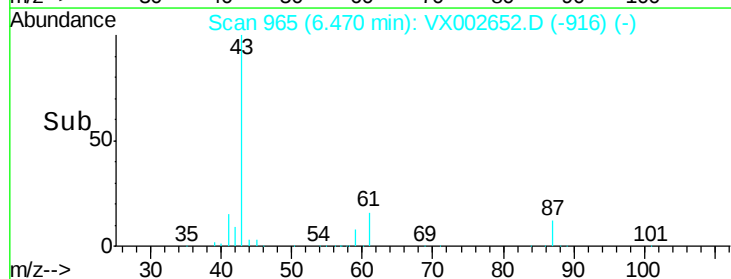
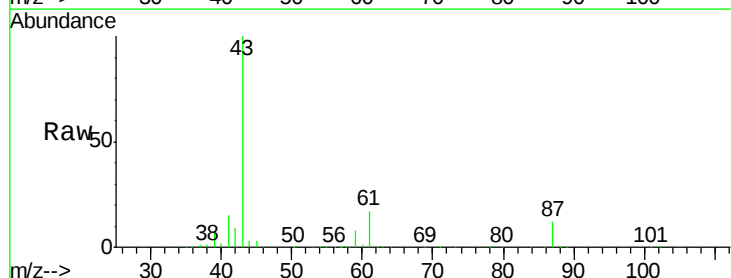
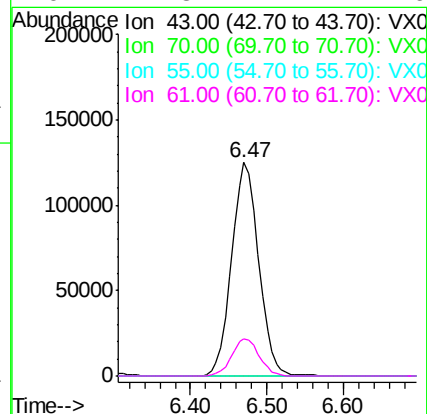
Ion Ratio Lower Upper

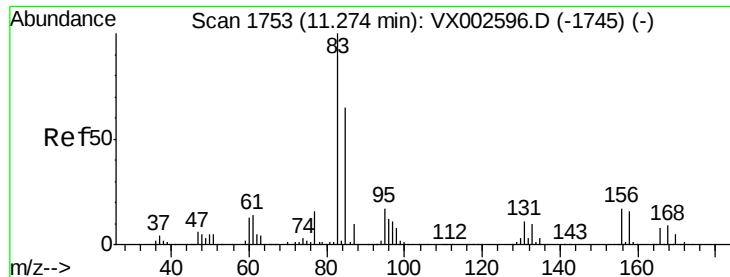
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.8 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.602 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

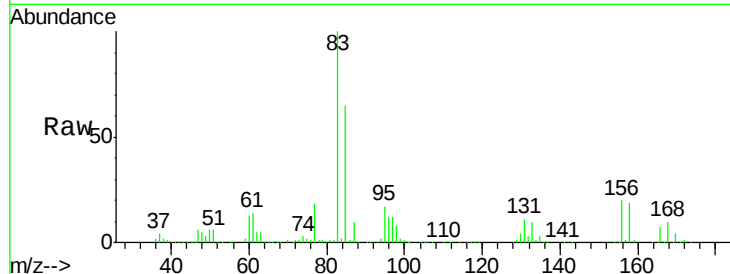
ClientSampleId :

VSTDCCC050

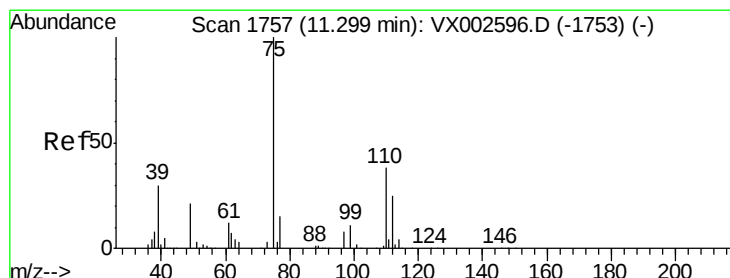
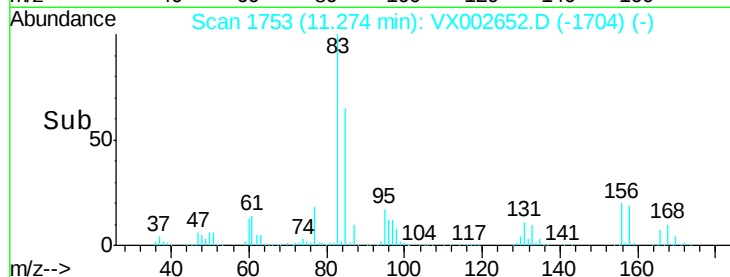
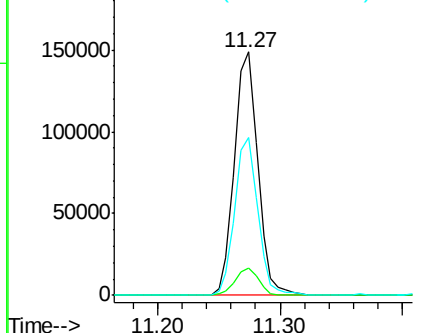
Tot Ion:	83	Resp:	197214
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	63.8	32.4	97.2

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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: 52.279 ug/l m

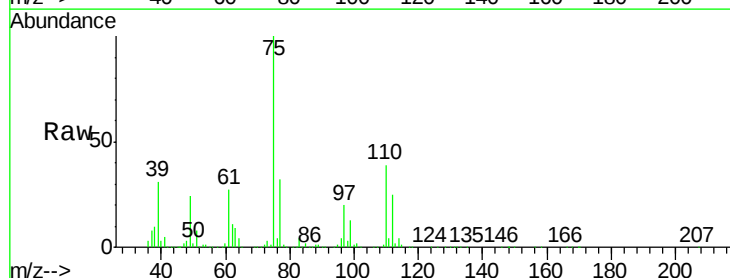
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

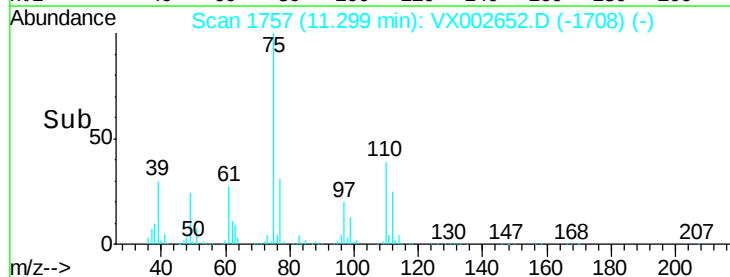
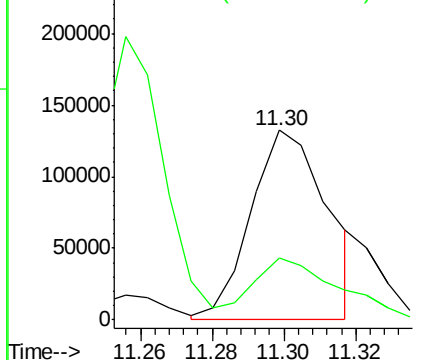
Lab File: VX002652.D

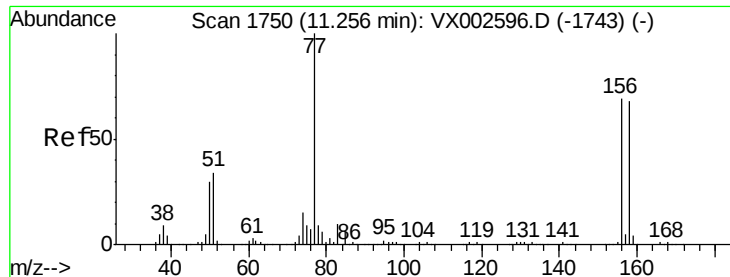
Acq: 16 Jun 2018 17:39

Tgt Ion:	75	Resp:	194666
Ion Ratio	Lower	Upper	
75	100		
77	37.1	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: 49.733 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

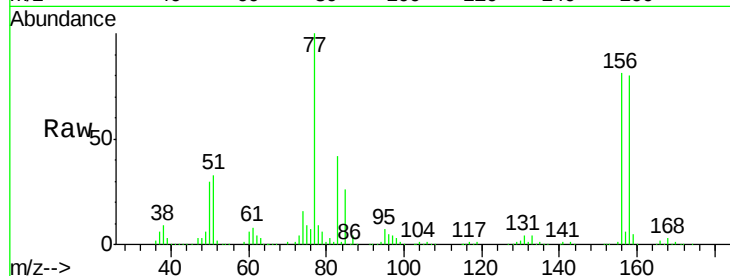
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	182857
Ion Ratio	Lower	Upper	
156	100		
77	135.7	71.4	214.2
158	97.4	48.9	146.6

Manual Integrations
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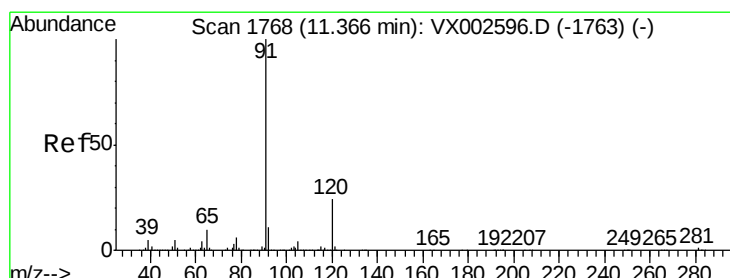
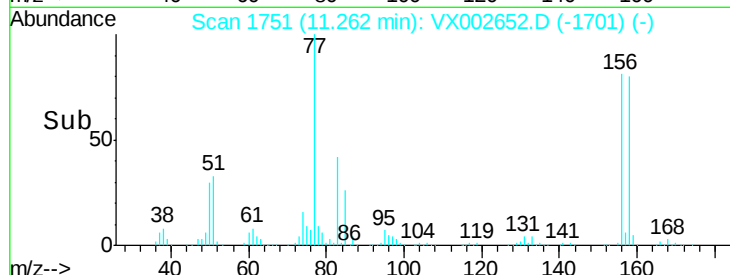
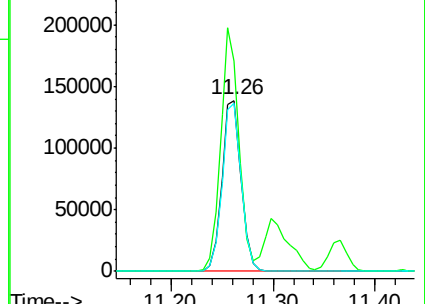
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.978 ug/l

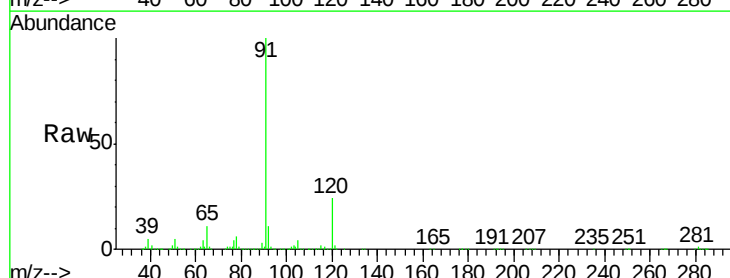
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002652.D

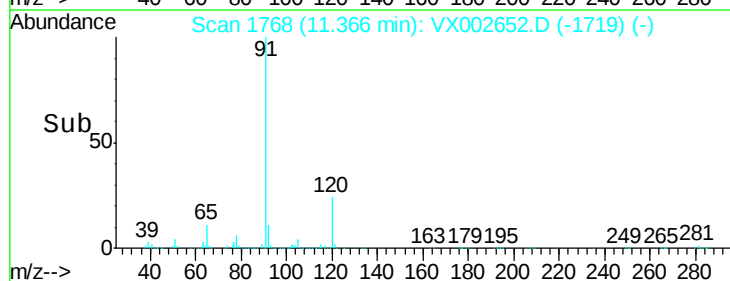
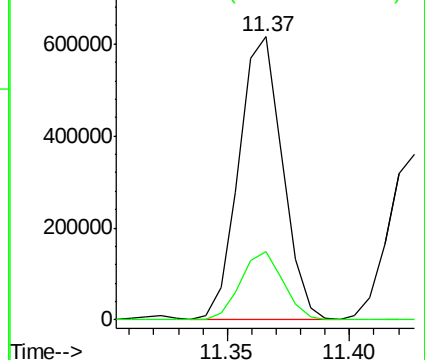
Acq: 16 Jun 2018 17:39

Tgt Ion:	91	Resp:	756454
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





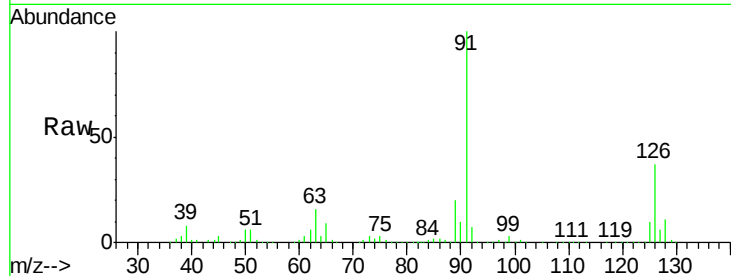
#79
2-Chlorotoluene
Concen: 49.225 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

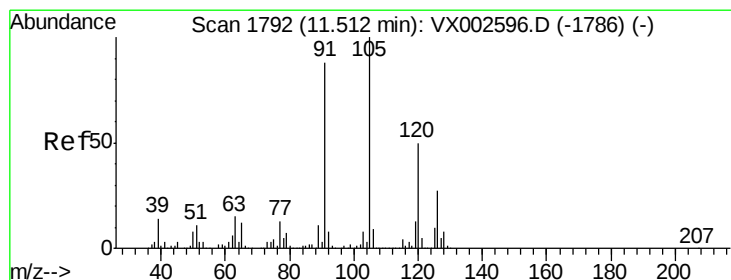
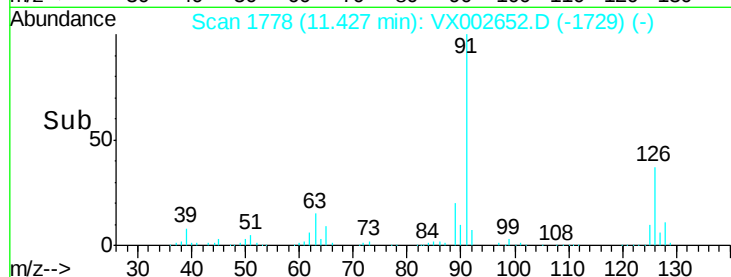
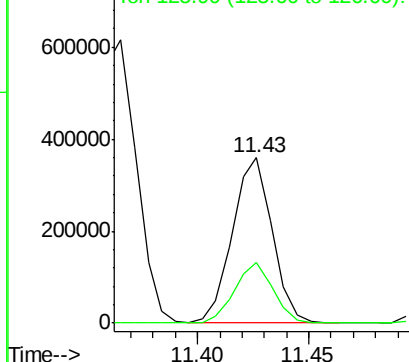
Tot Ion: 91 Resp: 444830
Ion Ratio Lower Upper
91 100
126 35.9 17.7 53.1

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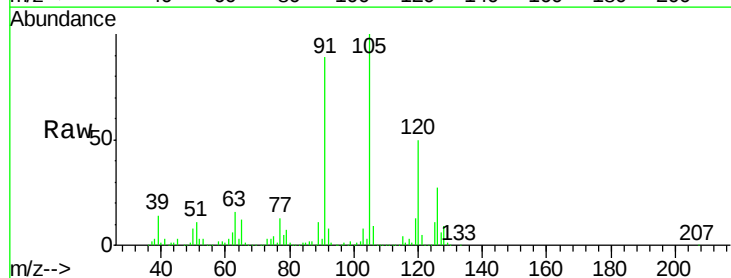


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

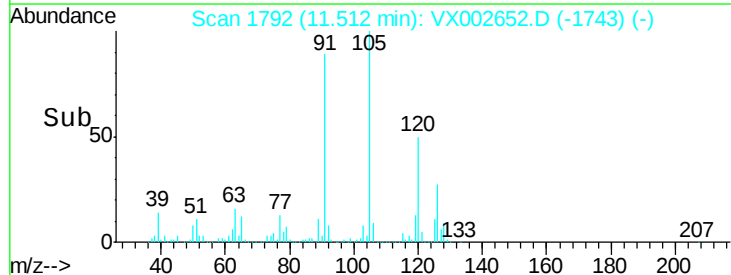
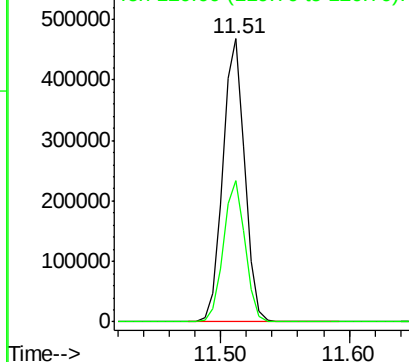


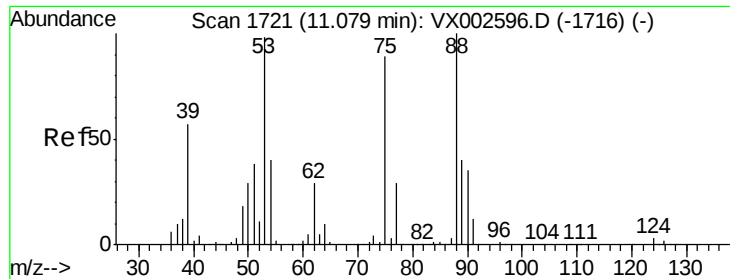
#80
1,3,5-Trimethylbenzene
Concen: 50.247 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion: 105 Resp: 560415
Ion Ratio Lower Upper
105 100
120 49.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





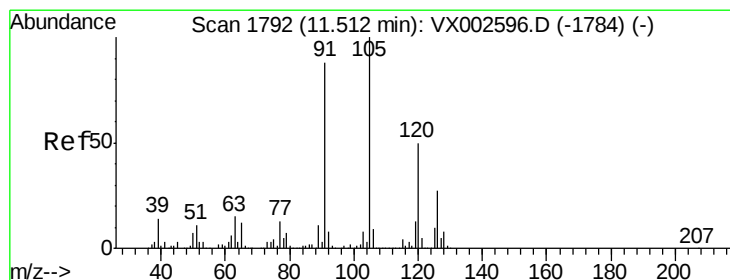
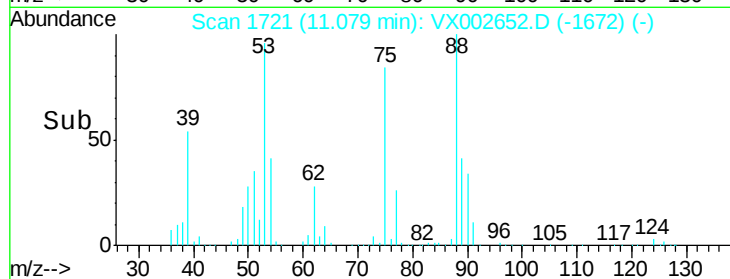
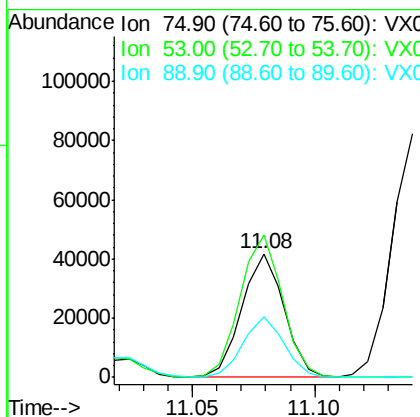
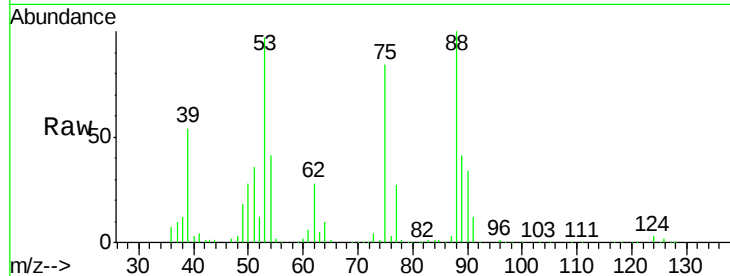
#81
trans-1,4-Dichloro-2-butene
Concen: 43.418 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.8	86.8	130.2
89	48.3	38.2	57.2

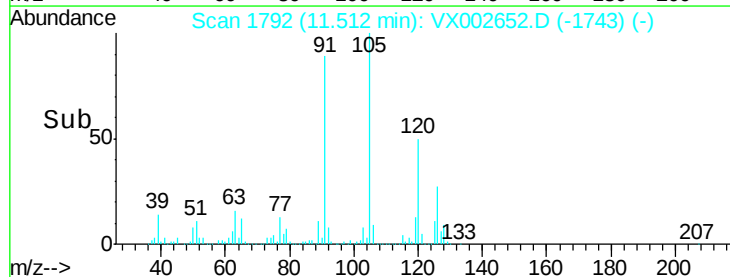
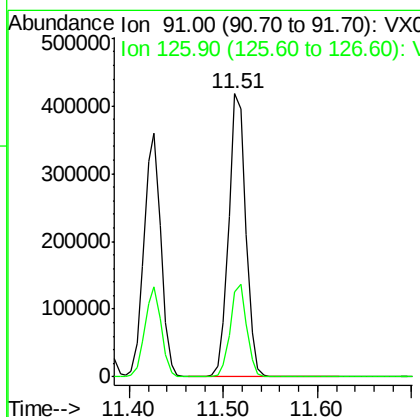
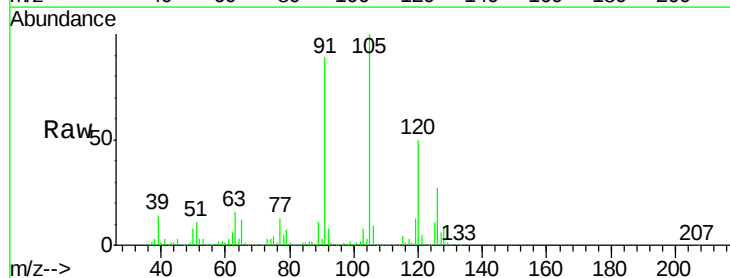
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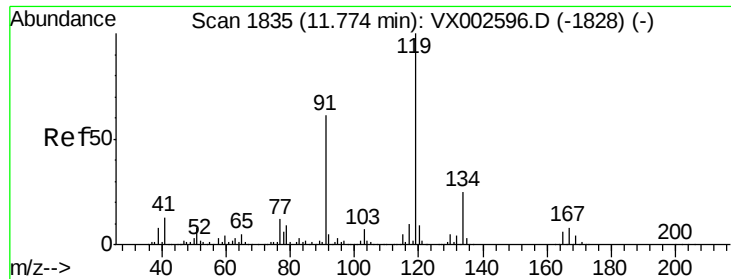
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#82
4-Chlorotoluene
Concen: 49.494 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.4





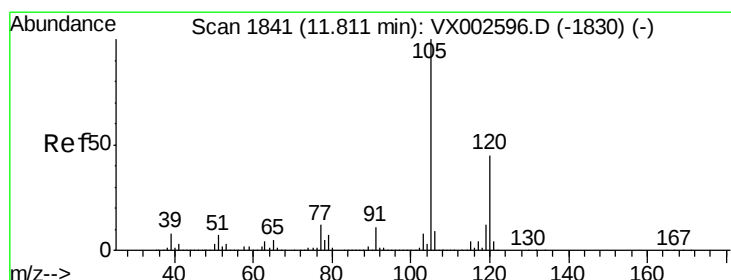
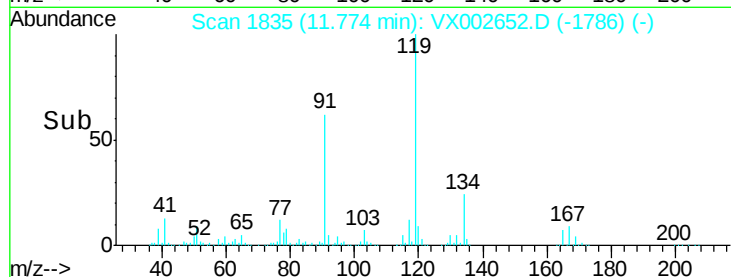
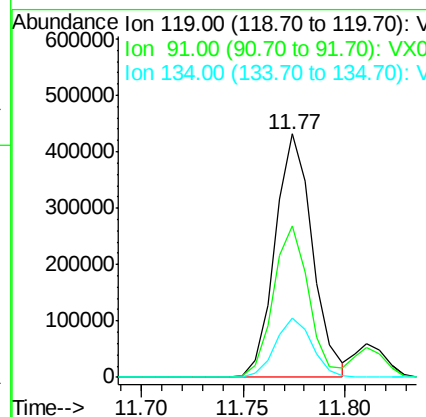
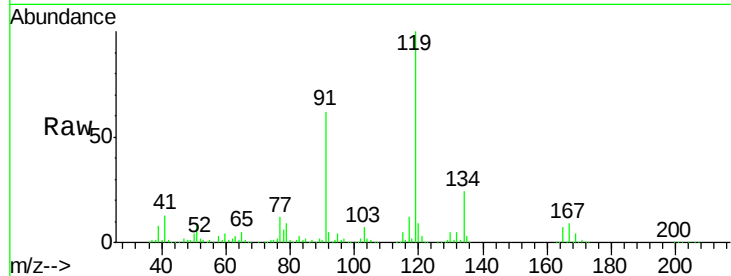
#83
 tert-Butylbenzene
 Concen: 51.333 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	551550		
91	59.3		30.3	90.9
134	23.8		11.7	35.1

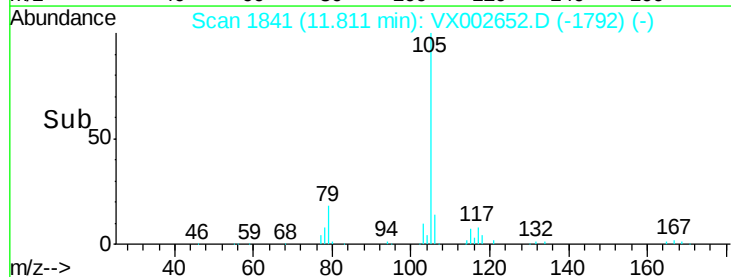
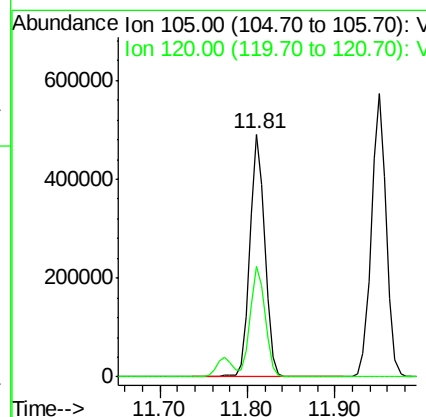
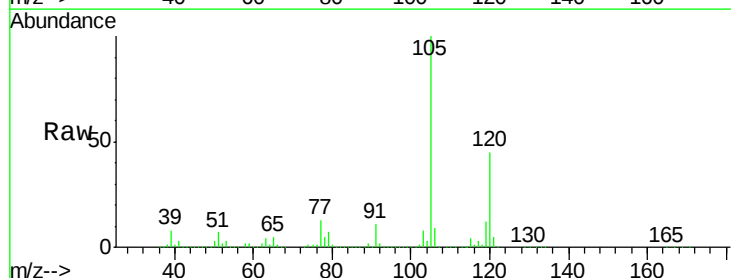
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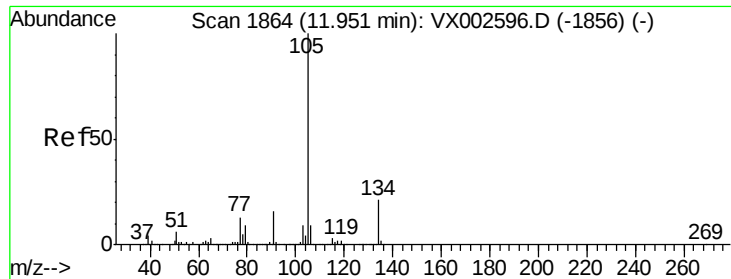
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.799 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	578133		
120	45.6		22.3	66.8





#85

sec-Butylbenzene

Concen: 51.179 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 683764

Ion Ratio Lower Upper

105 100

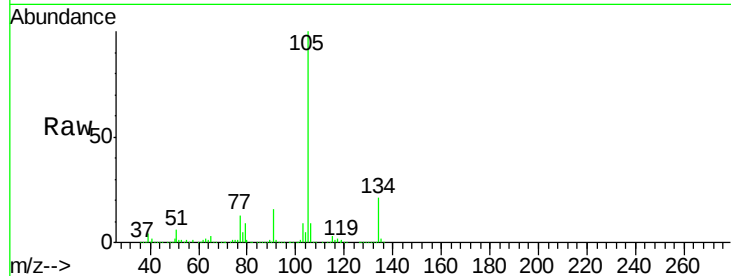
134 20.8 10.4 31.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

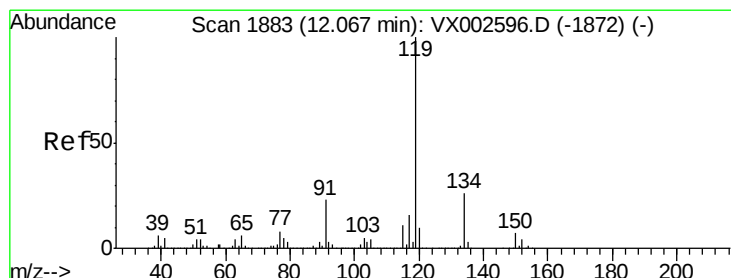
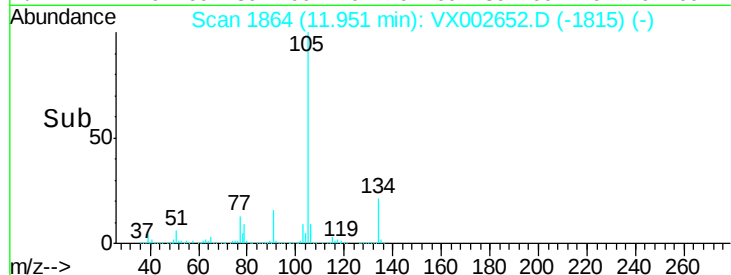
400000

200000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 50.951 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

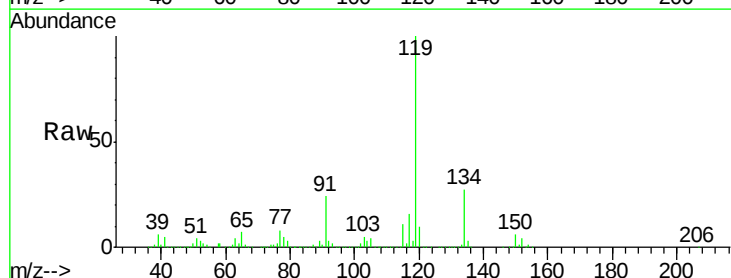
Tgt Ion:119 Resp: 615911

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.7 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

600000

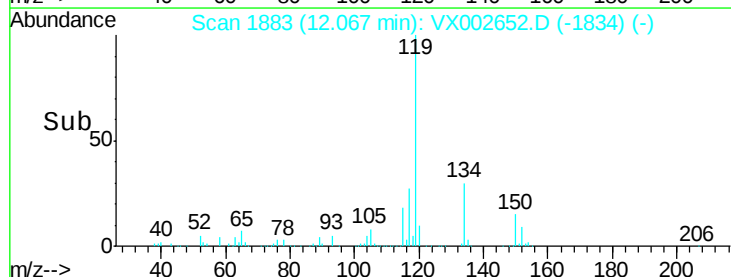
400000

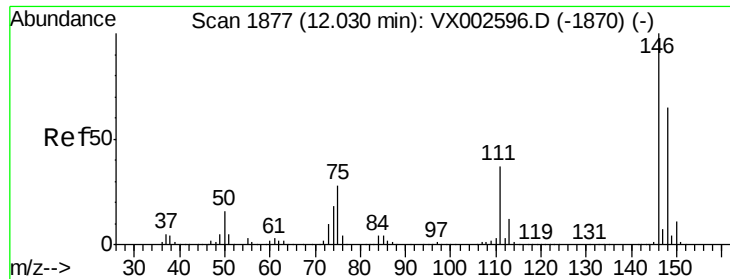
200000

0

12.00 12.10

Time-->





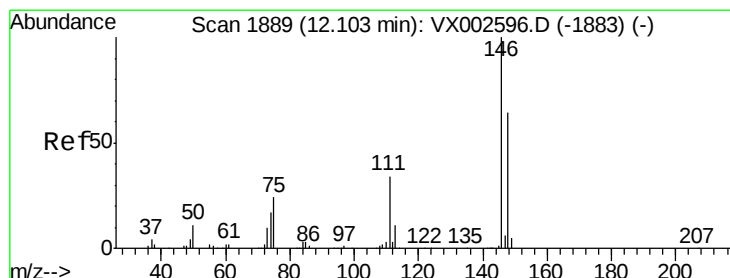
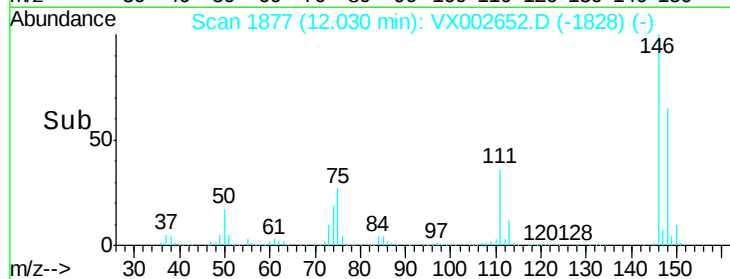
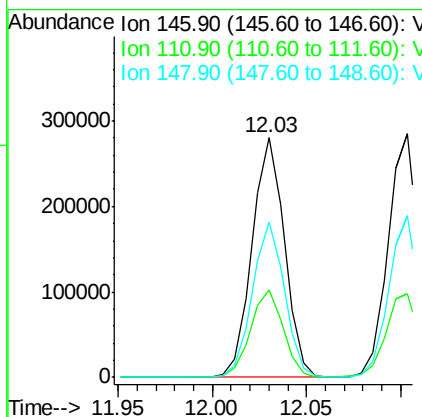
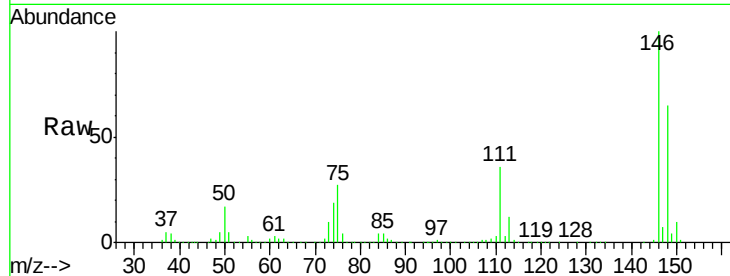
#87
 1,3-Dichlorobenzene
 Concen: 49.532 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.9	56.7
148	64.2	32.1	96.3

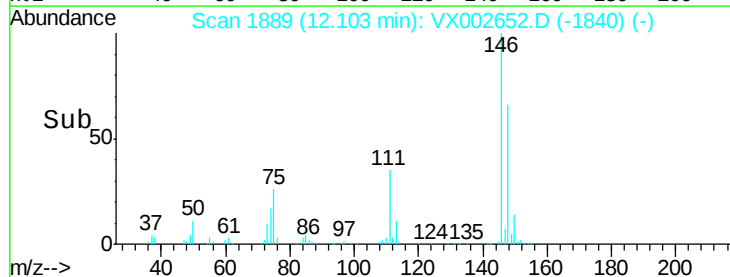
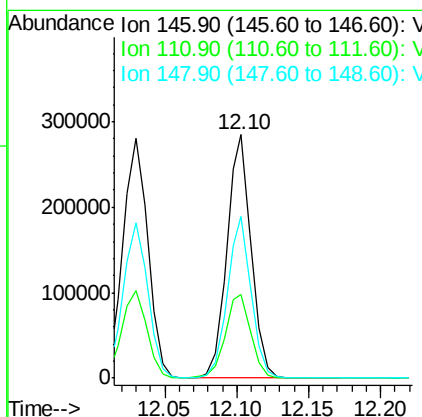
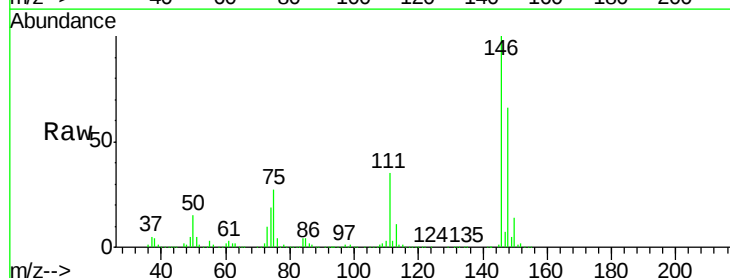
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#88
 1,4-Dichlorobenzene
 Concen: 48.904 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.7	56.1
148	65.2	32.4	97.0





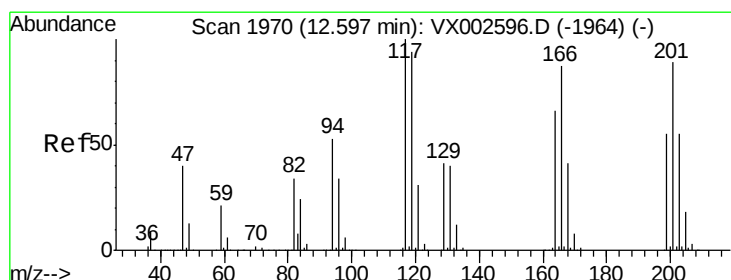
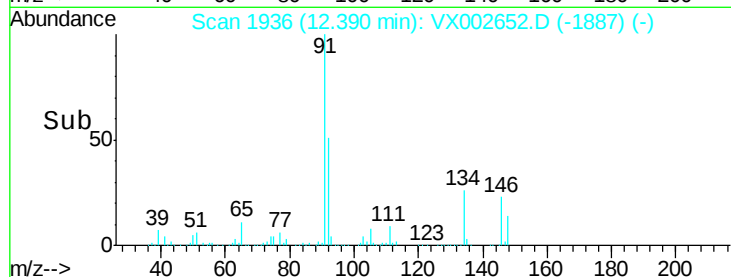
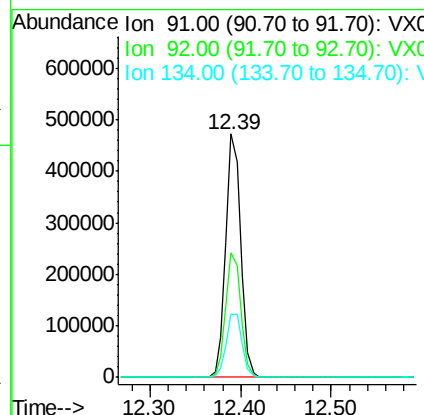
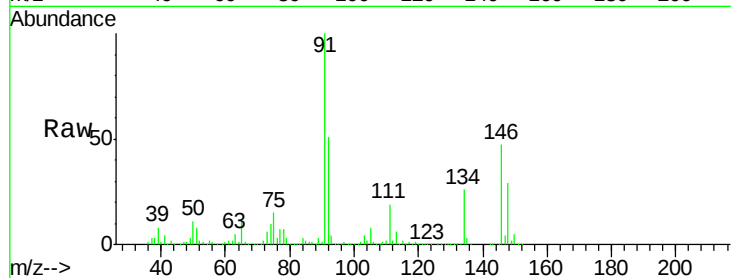
#89
n-Butylbenzene
Concen: 51.472 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.0	78.0
134	27.4	13.5	40.5

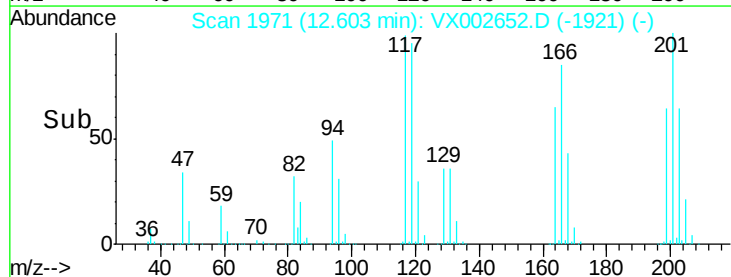
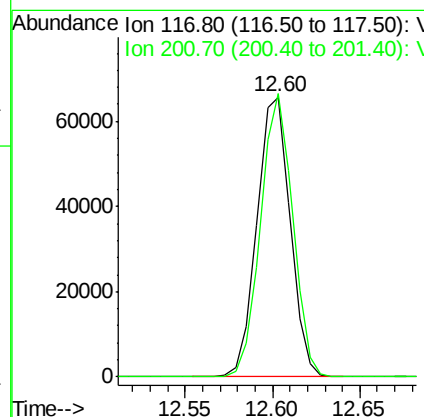
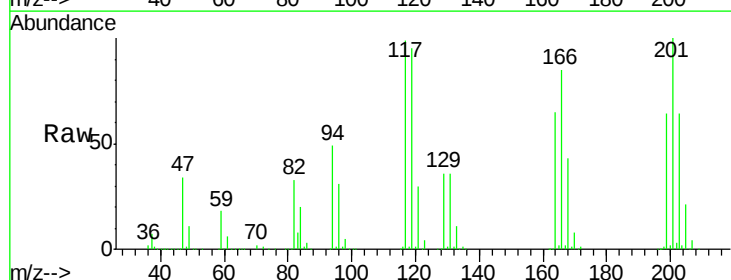
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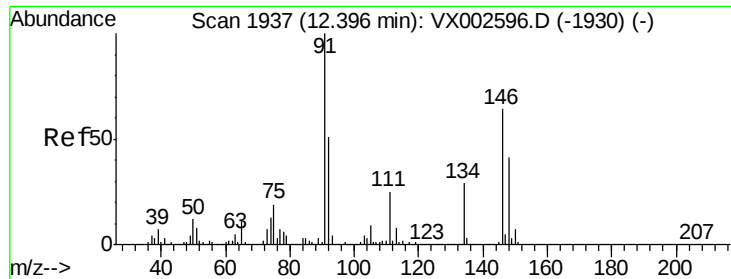
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#90
Hexachloroethane
Concen: 46.254 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002652.D
Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.7	49.0	147.0





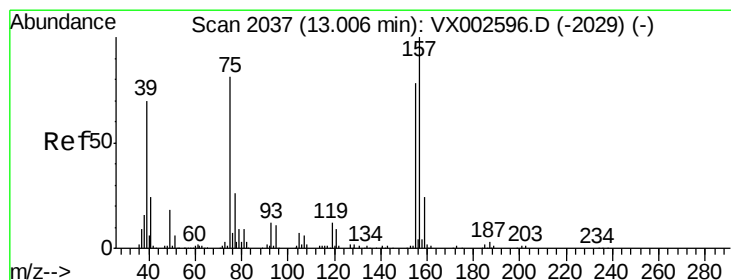
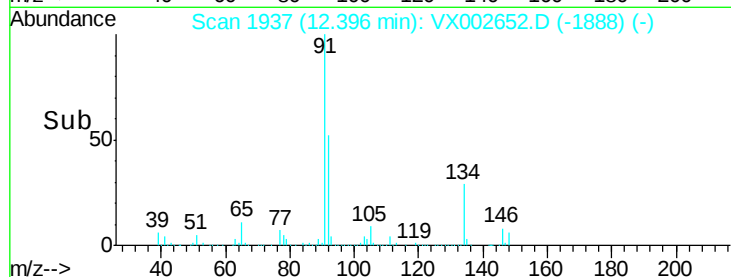
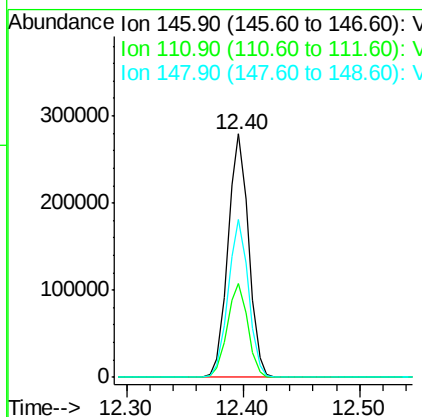
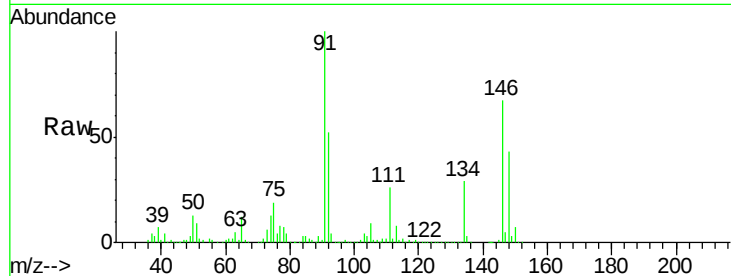
#91
 1,2-Dichlorobenzene
 Concen: 50.481 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.1
148	63.9	31.7	95.1

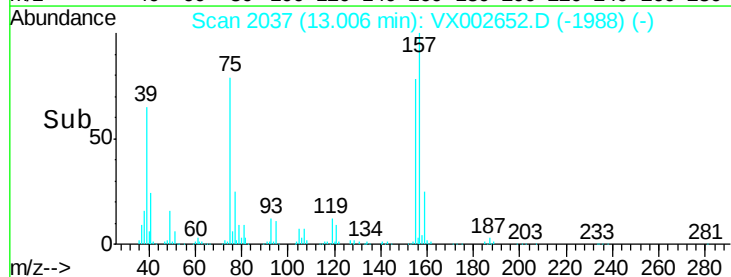
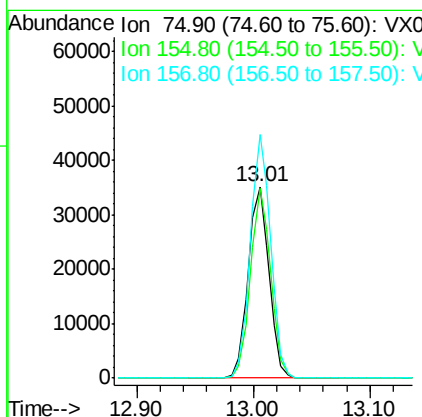
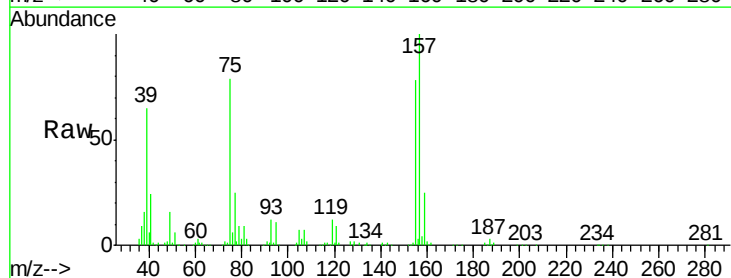
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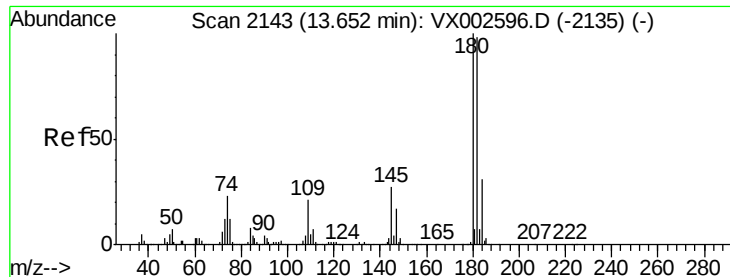
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.277 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	45.8	137.4
157	123.5	60.1	180.3





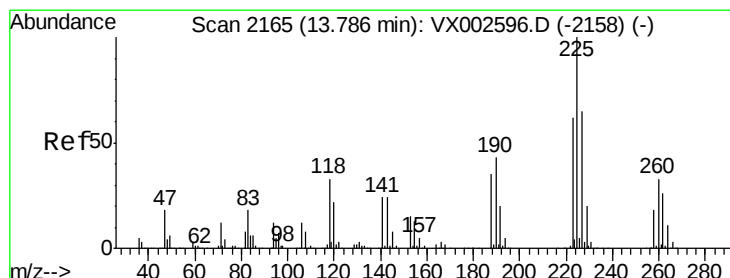
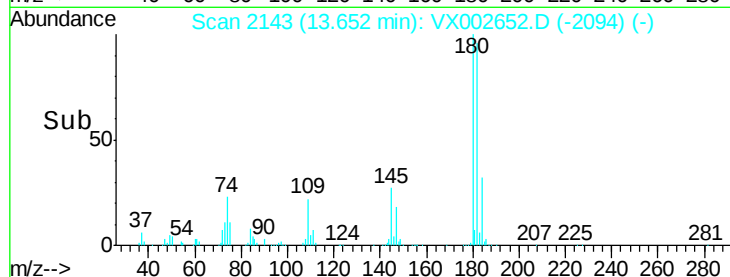
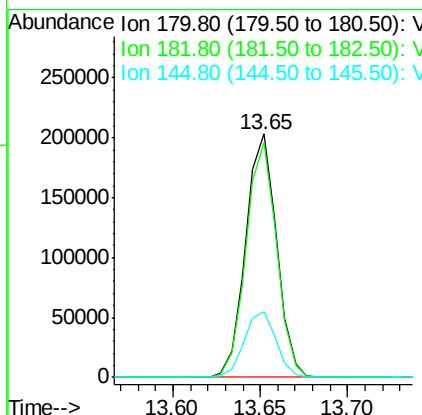
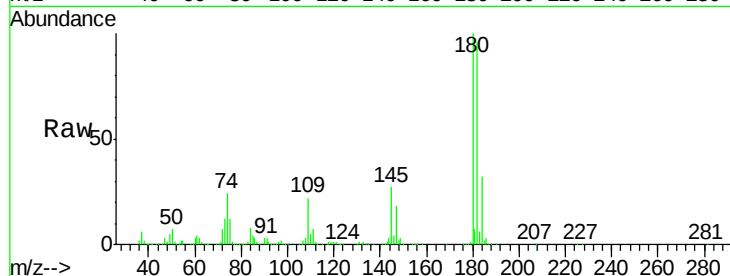
#93
 1,2,4-Trichlorobenzene
 Concen: 50.766 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	250039		
182	95.2	47.7	143.1	
145	27.6	14.1	42.4	

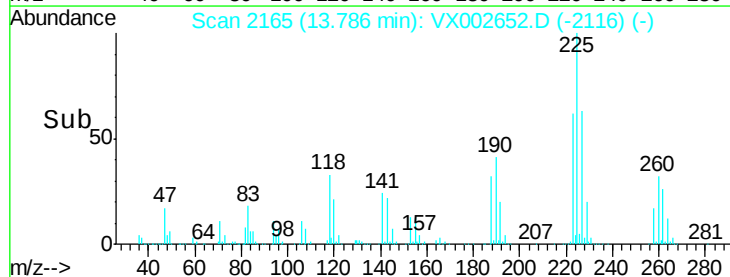
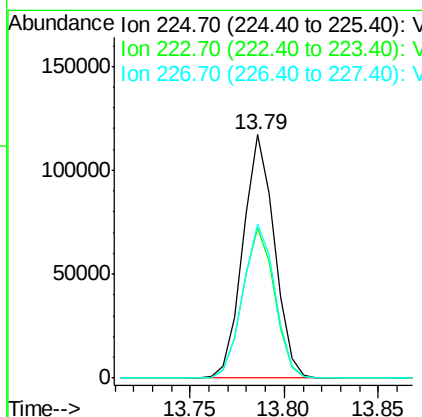
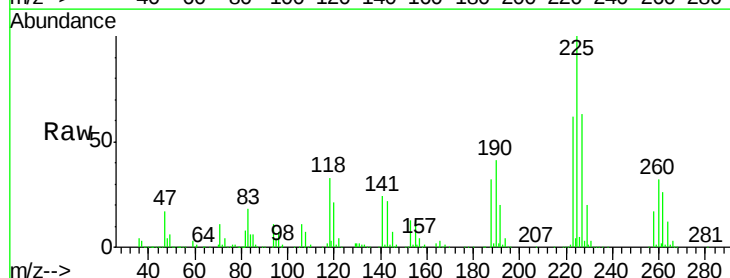
Manual Integrations
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MMDadoda
 6/19/2018 1:04:49 PM



#94
 Hexachlorobutadiene
 Concen: 52.100 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002652.D
 Acq: 16 Jun 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135176		
223	62.8	31.6	95.0	
227	64.8	32.4	97.2	





#95

Naphthalene

Concen: 52.275 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Instrument :

MSVOA_X

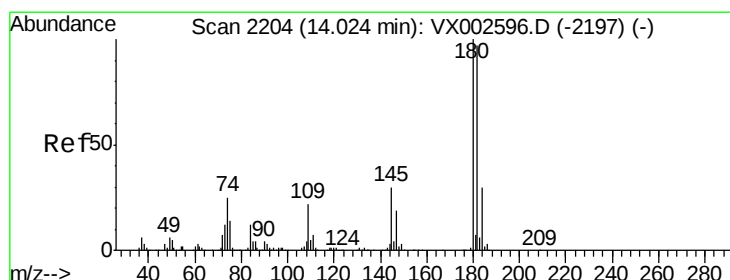
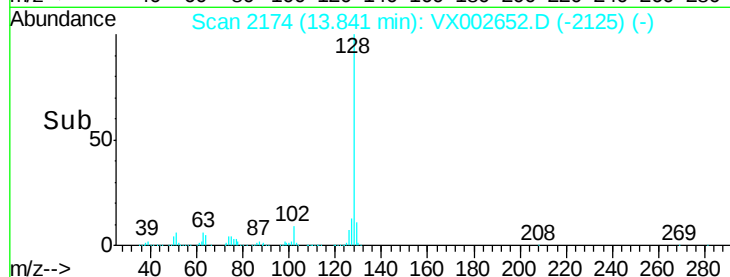
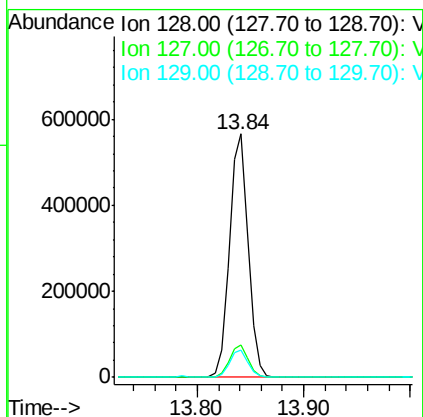
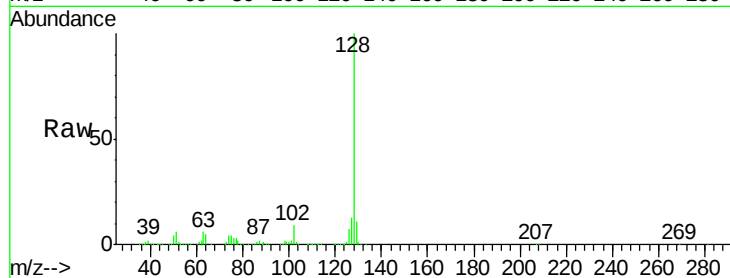
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	692831
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 51.801 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002652.D

Acq: 16 Jun 2018 17:39

Tgt Ion:	180	Resp:	256248
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.0	144.0
145	29.0	14.8	44.3

