

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005092.D
 Acq On : 06 Oct 2018 03:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:02:42 PM

Quant Time: Oct 06 06:56:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	302344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147183	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
35) Dibromofluoromethane	5.49	113	126926	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	8.72	98	430745	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	164779	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	148448	50.442	ug/l	95
3) Chloromethane	1.32	50	173686	48.645	ug/l	99
4) Vinyl Chloride	1.40	62	163141	48.716	ug/l	100
5) Bromomethane	1.64	94	117921	59.382	ug/l	97
6) Chloroethane	1.71	64	96474	53.002	ug/l	97
7) Trichlorofluoromethane	1.92	101	214109	51.645	ug/l	94
8) Diethyl Ether	2.19	74	89705	49.807	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	122696	51.956	ug/l	98
10) Methyl Iodide	2.51	142	143497	45.409	ug/l	93
11) Tert butyl alcohol	3.09	59	230215	267.032	ug/l	98
12) 1,1-Dichloroethene	2.37	96	118564	50.696	ug/l #	78
13) Acrolein	2.29	56	68656	111.927	ug/l	89
14) Allyl chloride	2.73	41	268826	52.681	ug/l	96
15) Acrylonitrile	3.15	53	507694	267.508	ug/l	99
16) Acetone	2.45	43	454870	252.691	ug/l	90
17) Carbon Disulfide	2.57	76	308017	43.830	ug/l	100
18) Methyl Acetate	2.78	43	290168	63.623	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	437950	54.288	ug/l	93
20) Methylene Chloride	2.85	84	139688	53.429	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	124461	48.614	ug/l	92
22) Diisopropyl ether	3.88	45	482421	56.142	ug/l	92
23) Vinyl Acetate	3.82	43	2102325	267.283	ug/l	97
24) 1,1-Dichloroethane	3.70	63	268637	52.409	ug/l	99
25) 2-Butanone	4.70	43	683183	257.474	ug/l	98
26) 2,2-Dichloropropane	4.58	77	136189	38.155	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	146178	51.110	ug/l	99
28) Bromochloromethane	5.01	49	124981	51.778	ug/l	97
29) Tetrahydrofuran	5.17	42	450895	273.405	ug/l	100
30) Chloroform	5.21	83	258419	53.345	ug/l	96
31) Cyclohexane	5.58	56	218354	55.659	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	205546	51.955	ug/l	98
36) 1,1-Dichloropropene	5.79	75	177193	50.683	ug/l	93
37) Ethyl Acetate	4.86	43	249001	53.656	ug/l	99
38) Carbon Tetrachloride	5.78	117	173028	47.082	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190047	53.236	ug/l	86
40) Benzene	6.15	78	537138	49.076	ug/l	94
41) Methacrylonitrile	5.06	41	139247	54.105	ug/l	97
42) 1,2-Dichloroethane	6.20	62	192674	49.797	ug/l	98
43) Isopropyl Acetate	6.46	43	359883	53.729	ug/l	98
44) Trichloroethene	7.21	130	135423	50.331	ug/l	97
45) 1,2-Dichloropropane	7.52	63	141784	52.824	ug/l	92
46) Dibromomethane	7.66	93	87418	51.823	ug/l	99
47) Bromodichloromethane	7.90	83	170808	54.084	ug/l	98
48) Methyl methacrylate	7.78	41	174736	57.475	ug/l	99
49) 1,4-Dioxane	7.76	88	78836	1043.770	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1204394	285.574	ug/l	100
52) Toluene	8.79	92	314123	52.231	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	181388	50.824	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	196989	52.697	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	133062	50.509	ug/l	95
56) Ethyl methacrylate	9.18	69	209526	49.069	ug/l	98
57) 1,3-Dichloropropane	9.37	76	223175	50.901	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	590422	259.532	ug/l	100
59) 2-Hexanone	9.50	43	962519	273.872	ug/l	95
60) Dibromochloromethane	9.59	129	138069	52.406	ug/l	98
61) 1,2-Dibromoethane	9.67	107	138116	48.954	ug/l	96
64) Tetrachloroethene	9.34	164	141941	50.420	ug/l	96
65) Chlorobenzene	10.14	112	355877	48.520	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	132161	51.254	ug/l	99
67) Ethyl Benzene	10.26	91	605649	52.011	ug/l	96
68) m/p-Xylenes	10.36	106	473993	104.165	ug/l	96
69) o-Xylene	10.70	106	228504	54.672	ug/l	99
70) Styrene	10.71	104	388747	49.743	ug/l	100
71) Bromoform	10.86	173	114606	51.915	ug/l	97
73) Isopropylbenzene	11.02	105	620595	55.037	ug/l	99
74) N-amyl acetate	10.90	43	302612	48.867	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	223731	48.743	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	204528m	51.009	ug/l	
77) Bromobenzene	11.26	156	166587	50.864	ug/l	100
78) n-propylbenzene	11.36	91	715448	55.299	ug/l	99
79) 2-Chlorotoluene	11.42	91	429728	53.288	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	527952	51.089	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	58170	39.982	ug/l	100
82) 4-Chlorotoluene	11.51	91	507224	53.437	ug/l	99
83) tert-Butylbenzene	11.77	119	527905	56.863	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	547330	51.360	ug/l	100
85) sec-Butylbenzene	11.94	105	635788	56.225	ug/l	100
86) p-Isopropyltoluene	12.07	119	567369	55.380	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	309595	50.623	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	314022	49.741	ug/l	99
89) n-Butylbenzene	12.39	91	502254	53.980	ug/l	100
90) Hexachloroethane	12.60	117	89025	52.190	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	317558	49.687	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54281	53.859	ug/l	99

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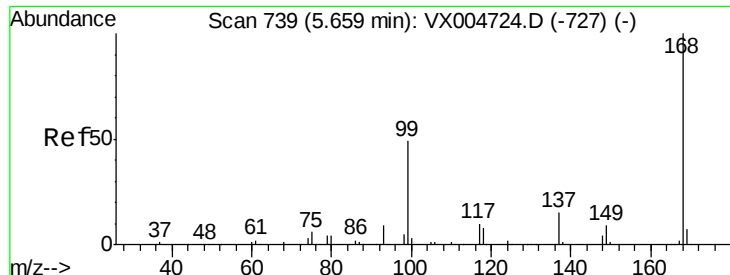
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	238016	53.090	ug/l	100
94) Hexachlorobutadiene	13.79	225	119299	51.315	ug/l	99
95) Naphthalene	13.83	128	757876	50.918	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	246595	53.245	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 215843

Ion Ratio Lower Upper

168 100

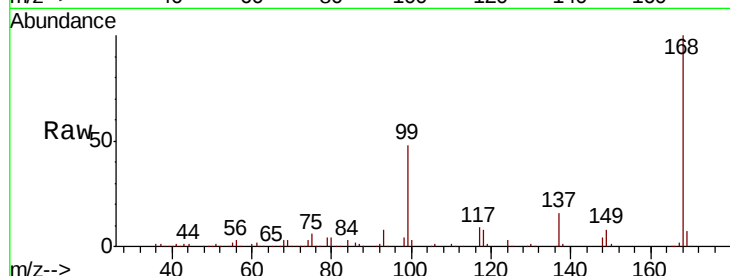
99 47.7 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

40000

20000

0

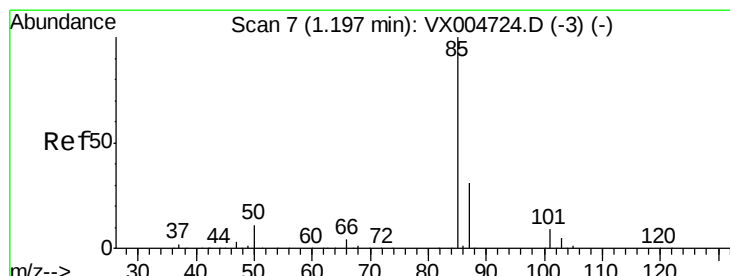
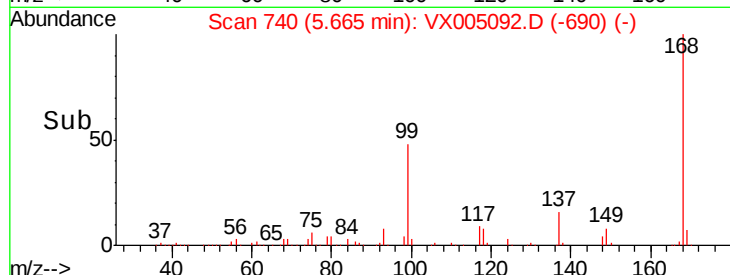
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.442 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005092.D

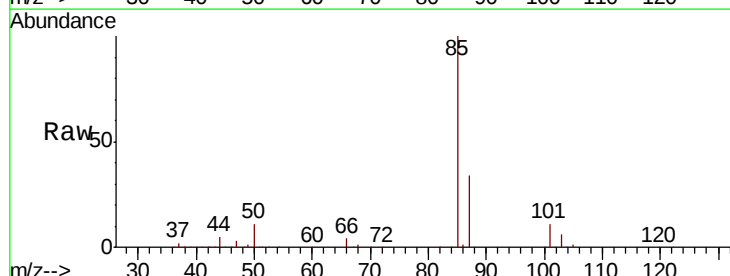
Acq: 06 Oct 2018 03:19

Tgt Ion: 85 Resp: 148448

Ion Ratio Lower Upper

85 100

87 34.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

0

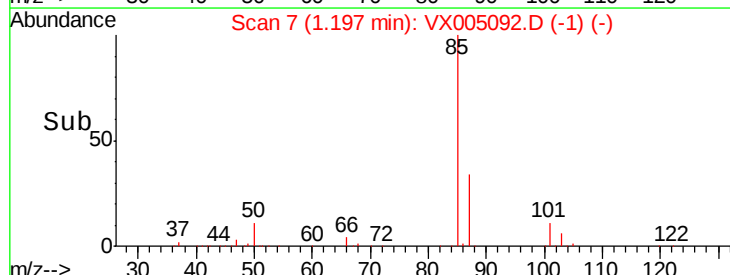
1.15

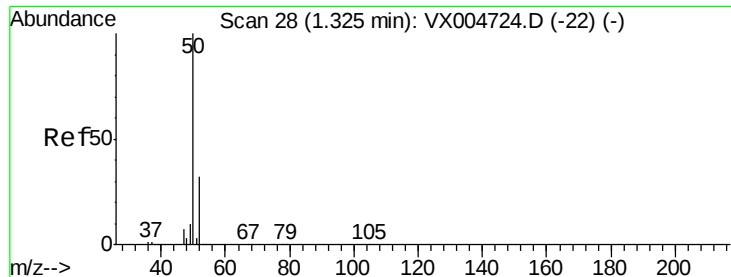
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 48.645 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 173686

Ion Ratio Lower Upper

50 100

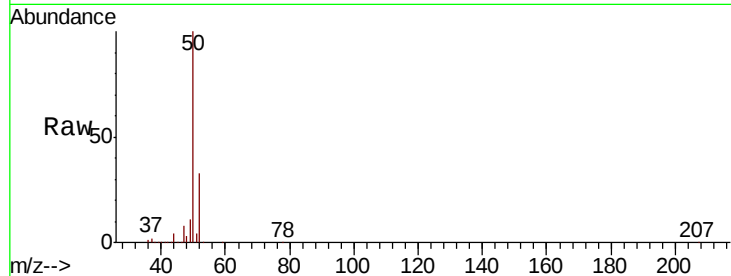
52 32.5 25.8 38.6

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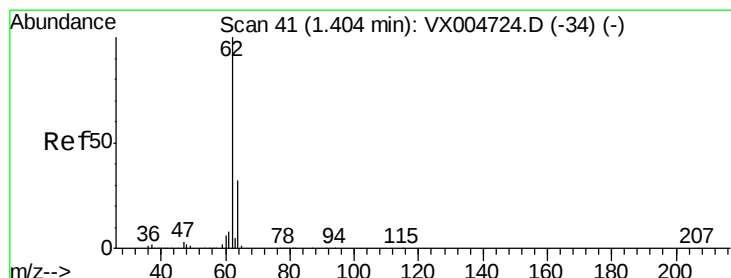
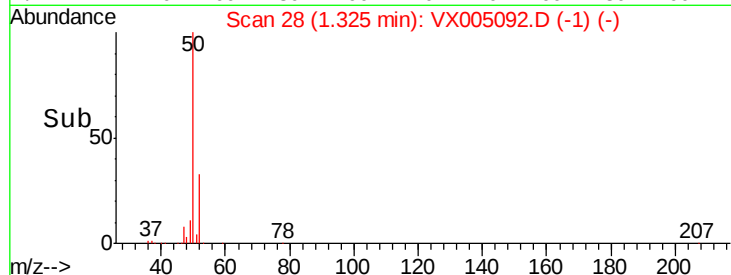
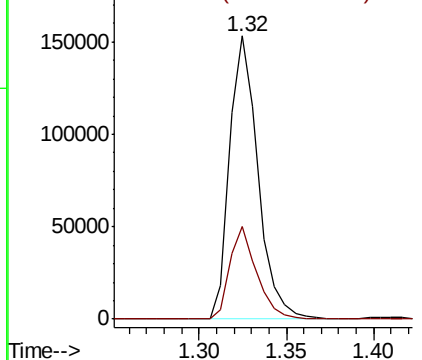
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.716 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005092.D

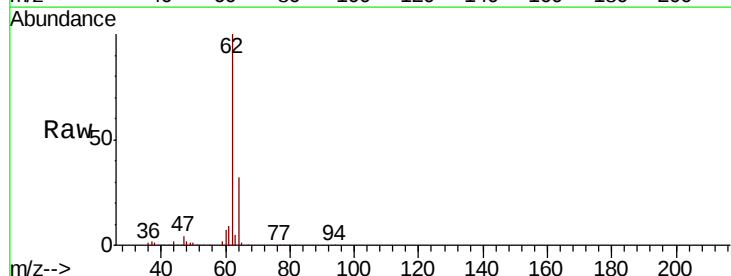
Acq: 06 Oct 2018 03:19

Tgt Ion: 62 Resp: 163141

Ion Ratio Lower Upper

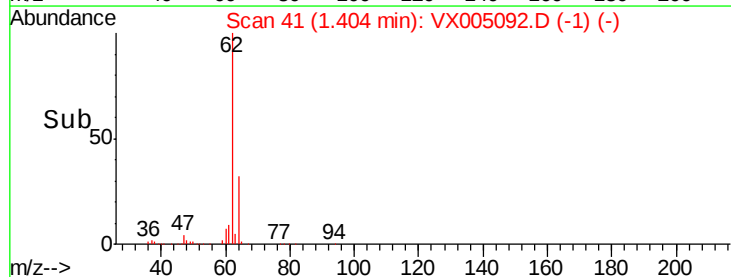
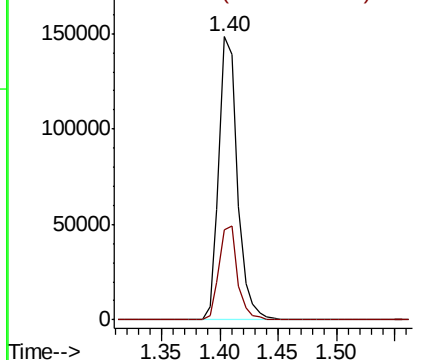
62 100

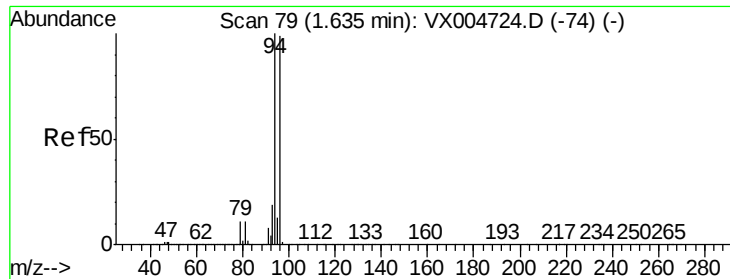
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 59.382 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 117921

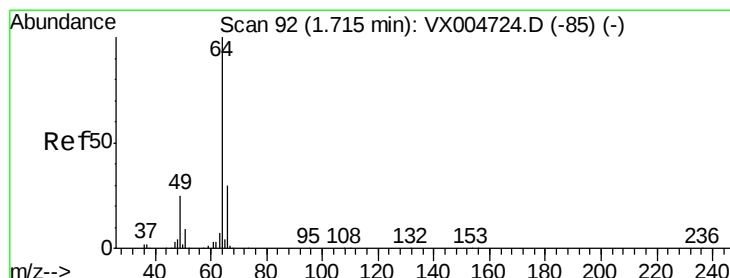
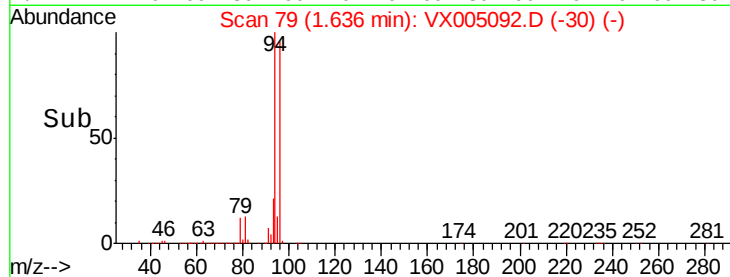
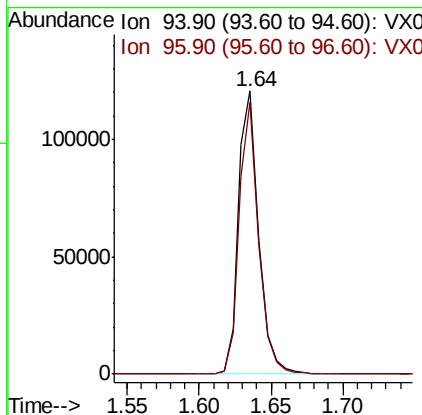
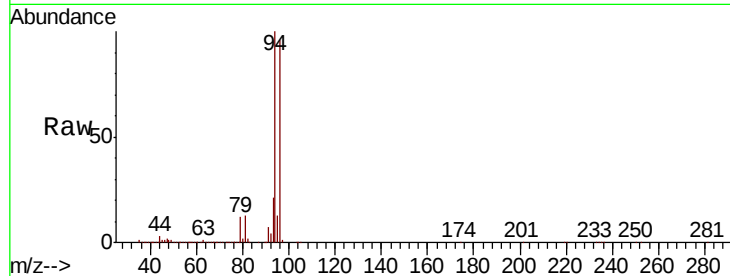
Ion Ratio Lower Upper

94 100

96 96.0 79.5 119.3

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#6

Chloroethane

Concen: 53.002 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005092.D

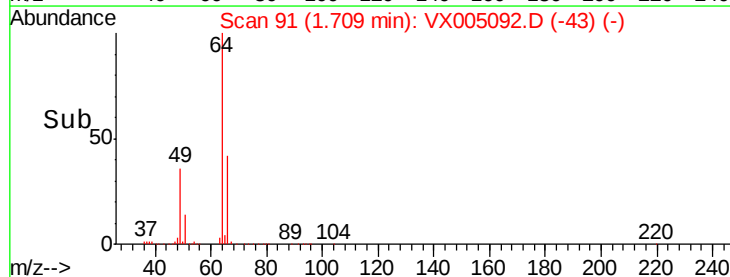
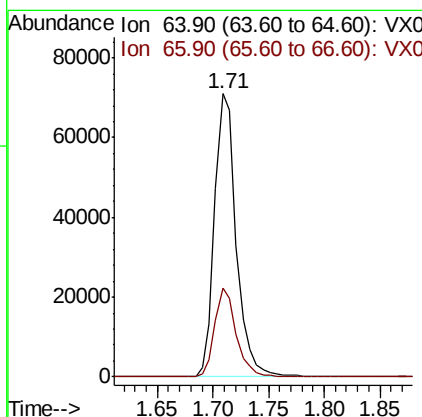
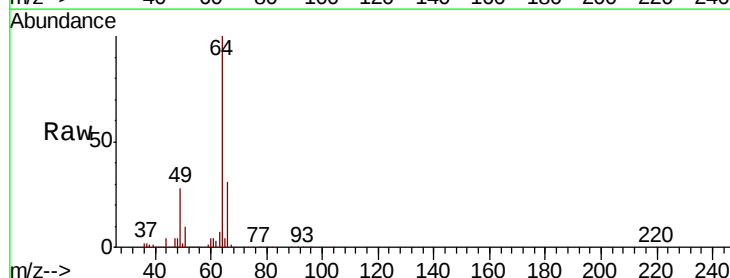
Acq: 06 Oct 2018 03:19

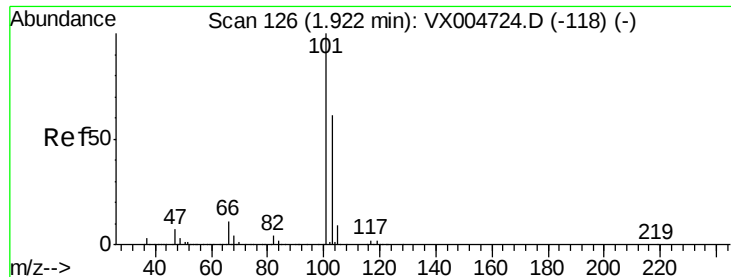
Tgt Ion: 64 Resp: 96474

Ion Ratio Lower Upper

64 100

66 31.2 23.8 35.6





#7

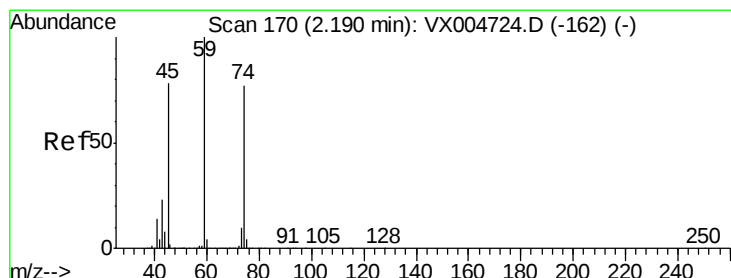
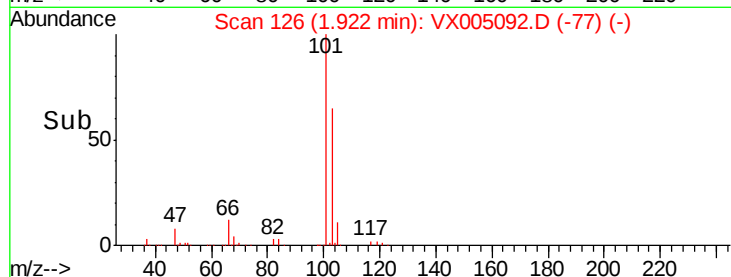
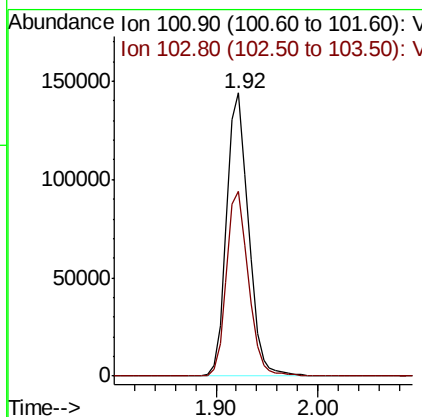
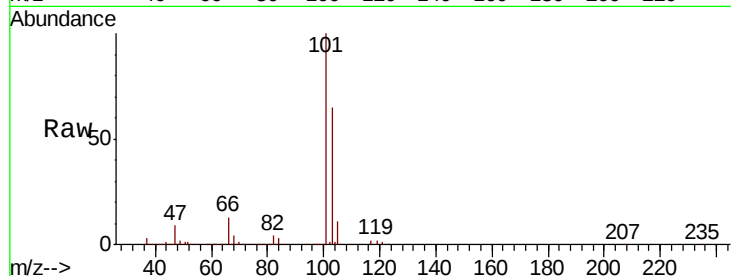
Trichlorofluoromethane
Concen: 51.645 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	48.4	72.6

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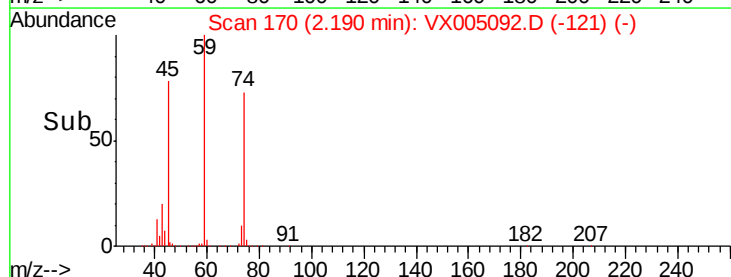
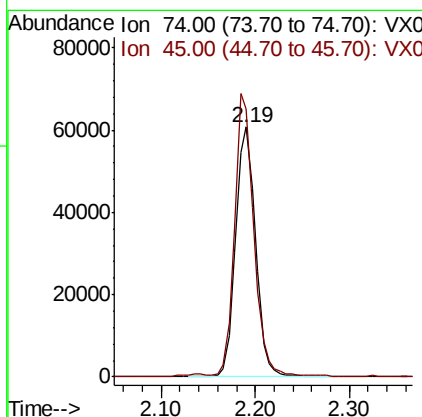
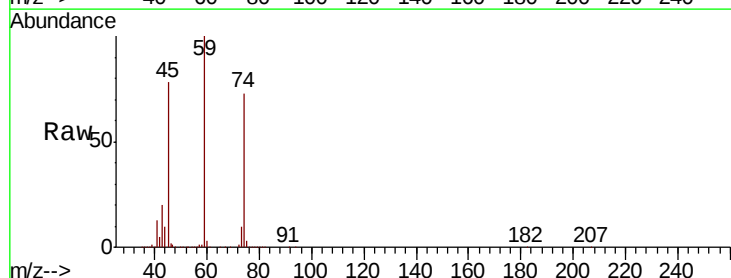
MMDadoda
10/8/2018 2:02:42 PM



#8

Diethyl Ether
Concen: 49.807 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.8	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.956 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

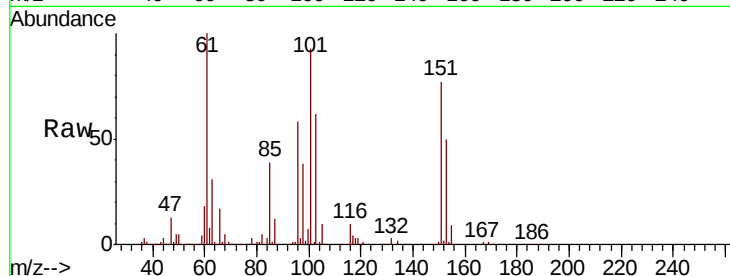
ClientSampleId :

VSTDCCC050

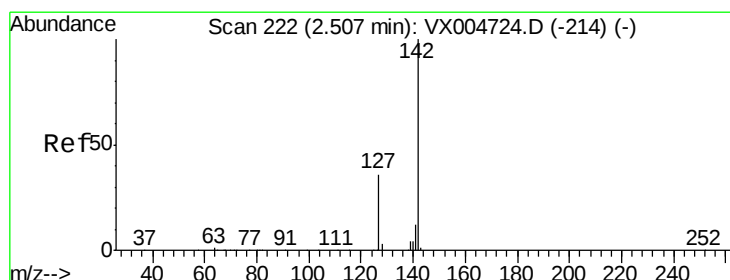
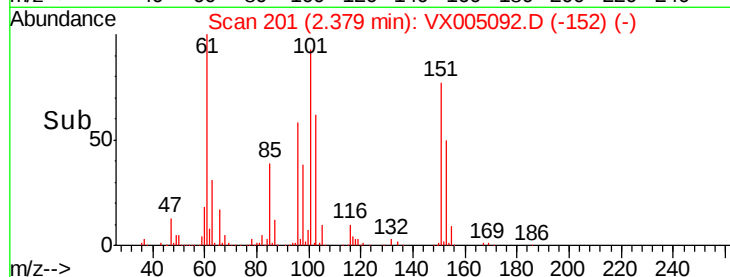
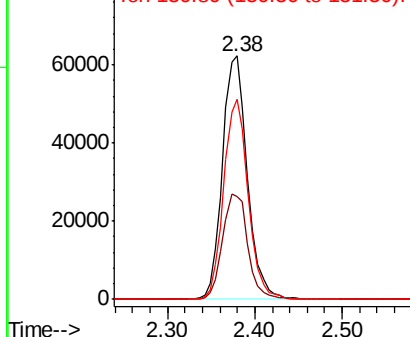
Tot Ion:	101	Resp:	122696
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.9	53.9
151	81.1	66.6	100.0

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.409 ug/l

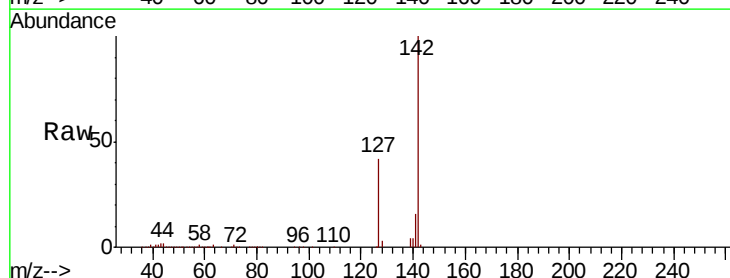
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

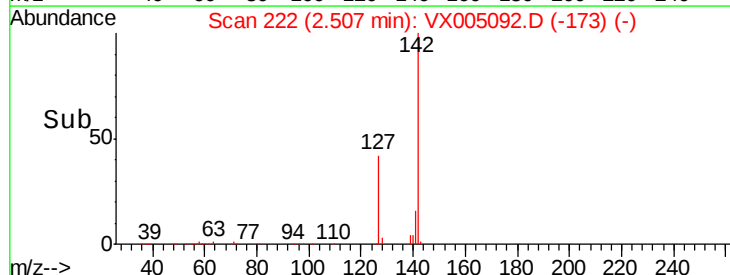
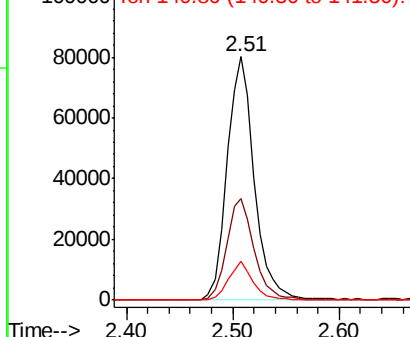
Lab File: VX005092.D

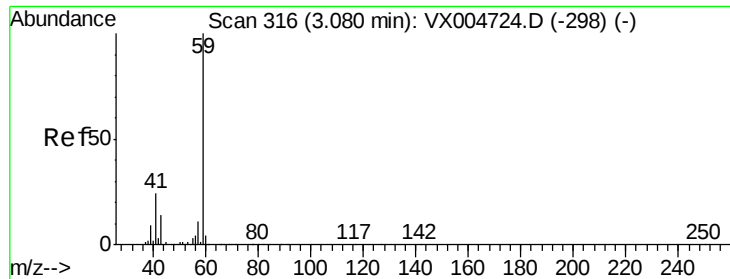
Acq: 06 Oct 2018 03:19

Tgt Ion:	142	Resp:	143497
Ion Ratio	Lower	Upper	
142	100		
127	42.1	30.1	45.1
141	14.5	10.1	15.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





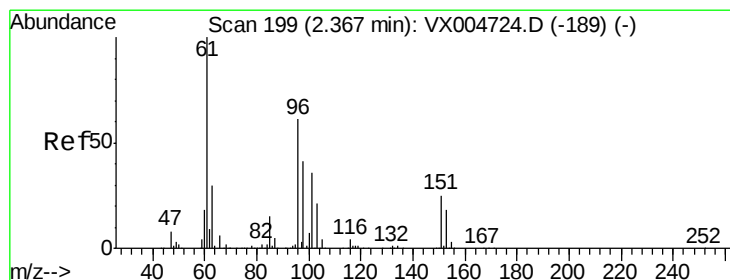
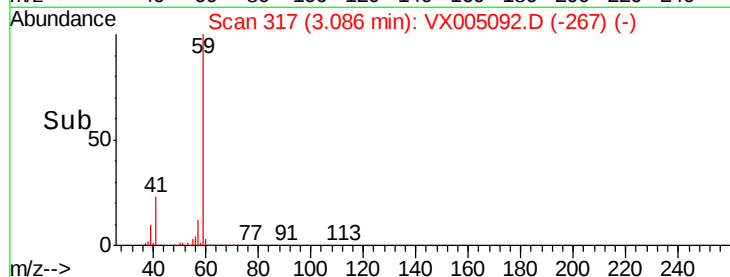
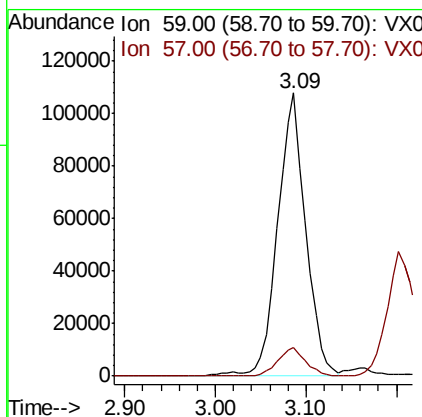
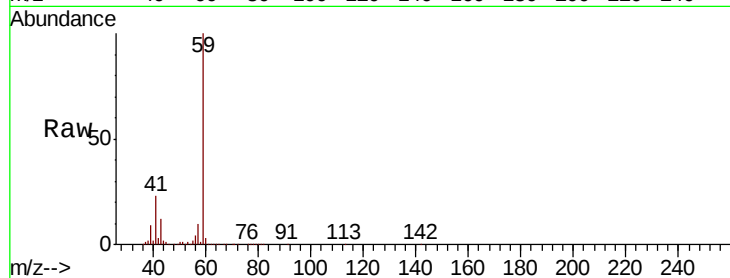
#11
Tert butyl alcohol
Concen: 267.032 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.6	12.8

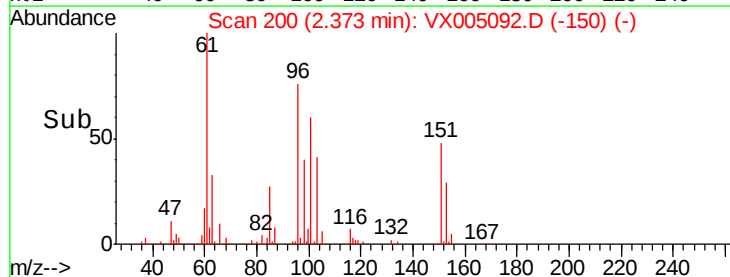
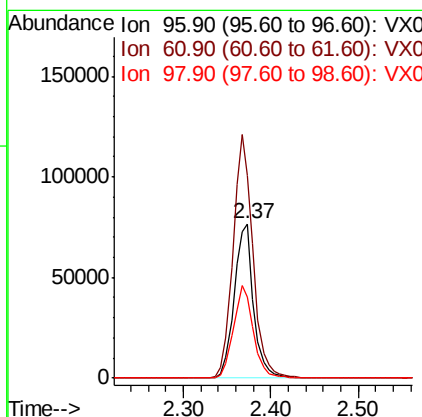
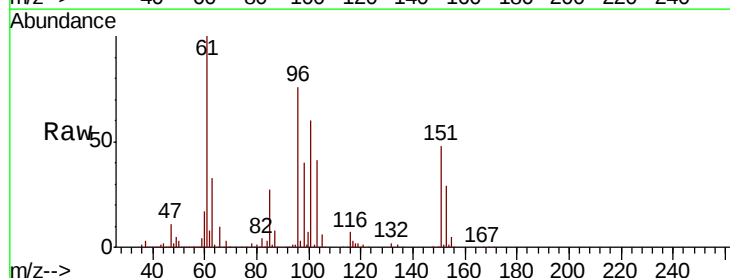
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#12
1,1-Dichloroethene
Concen: 50.696 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.4	130.2	195.4
98	52.7	53.4	80.0#





#13

Acrolein

Concen: 111.927 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 68656

Ion Ratio Lower Upper

56 100

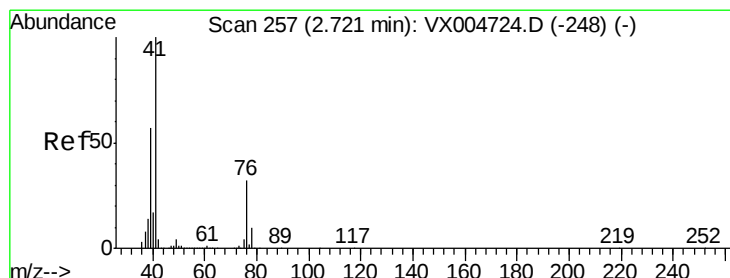
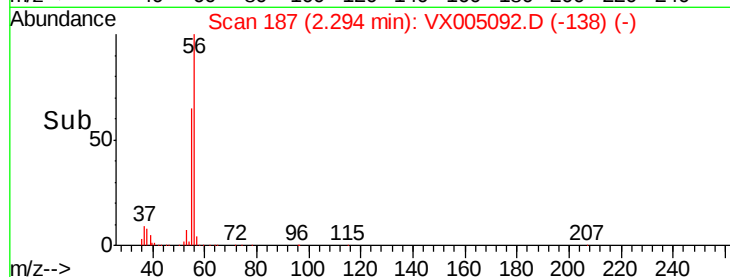
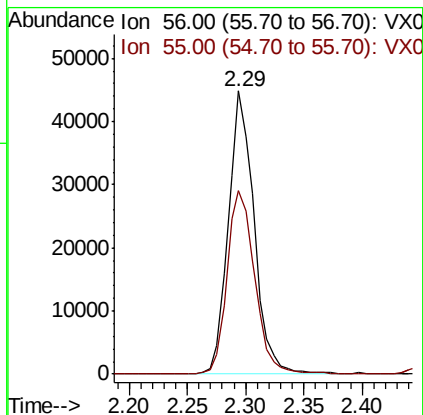
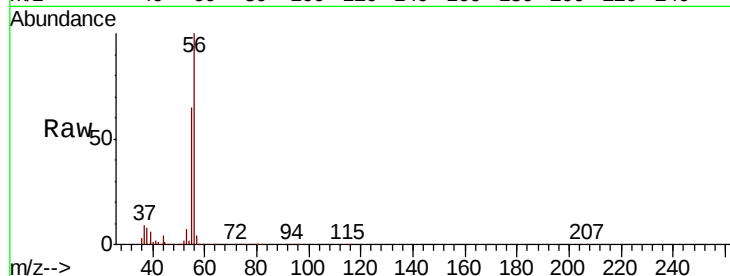
55 69.6 63.4 95.2

Manual Integrations

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#14

Allyl chloride

Concen: 52.681 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

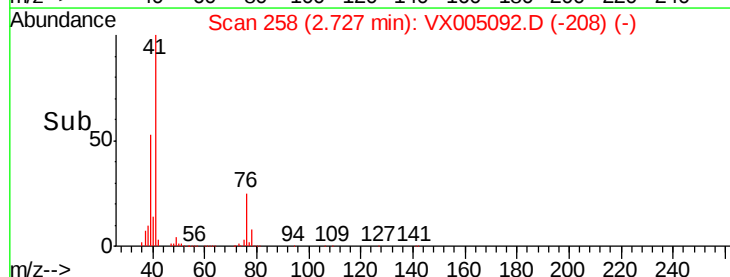
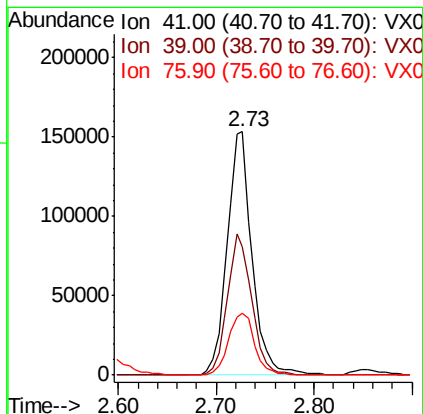
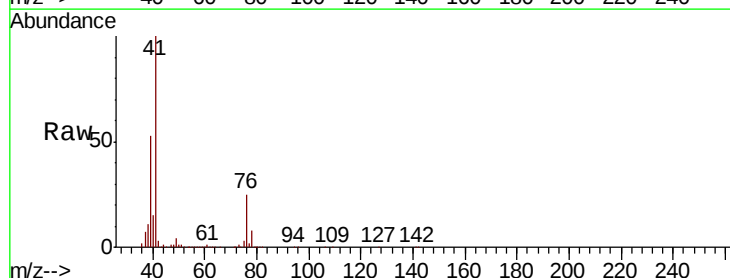
Tgt Ion: 41 Resp: 268826

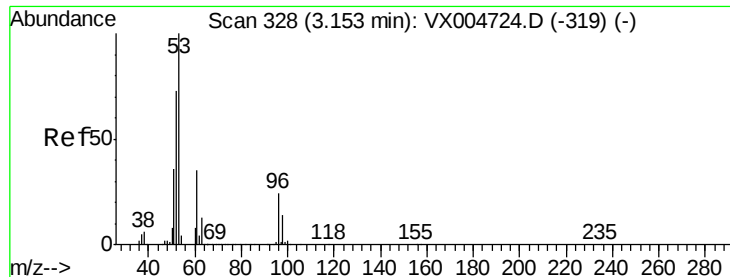
Ion Ratio Lower Upper

41 100

39 56.8 44.1 66.1

76 26.7 25.0 37.4





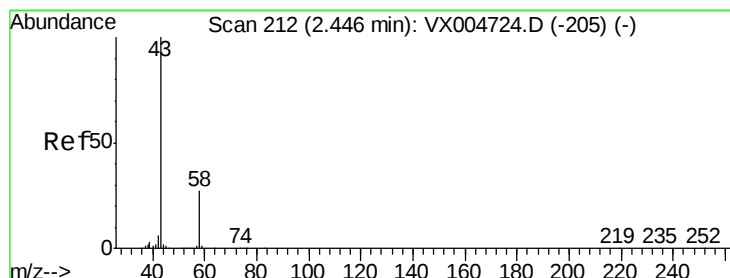
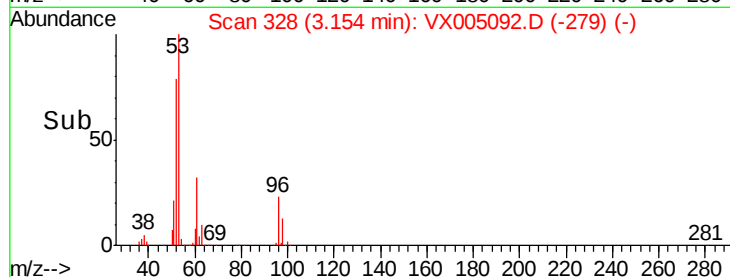
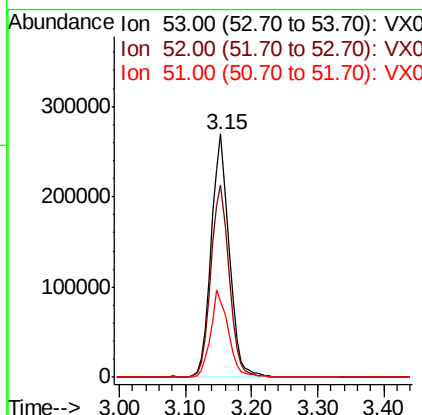
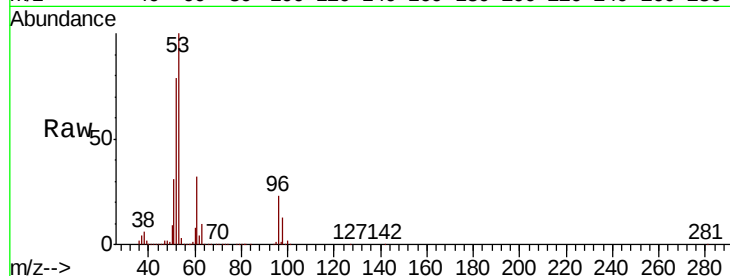
#15
 Acrylonitrile
 Concen: 267.508 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	507694
Ion Ratio	Lower	Upper	
53	100		
52	80.3	63.0	94.4
51	35.4	28.6	42.8

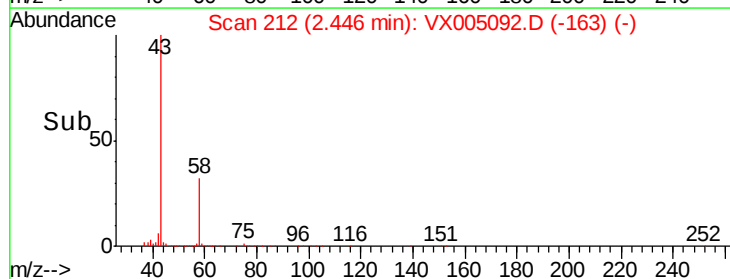
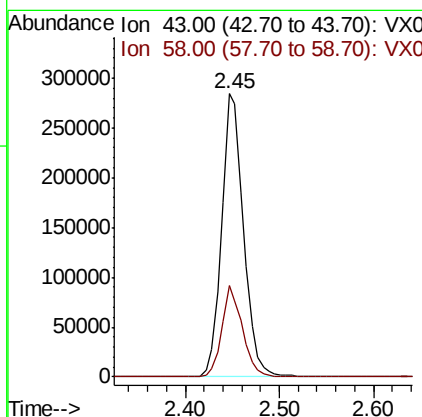
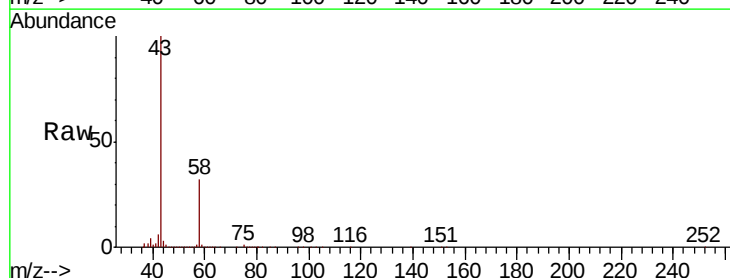
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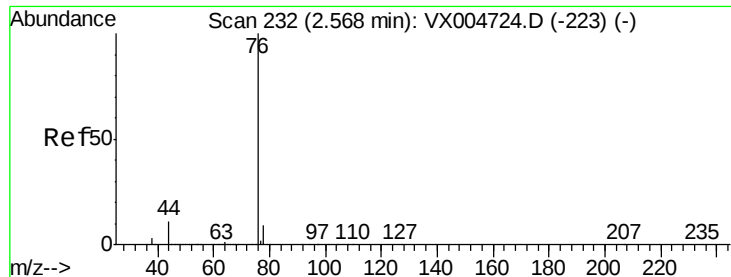
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#16
 Acetone
 Concen: 252.691 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion:	43	Resp:	454870
Ion Ratio	Lower	Upper	
43	100		
58	32.3	21.8	32.6





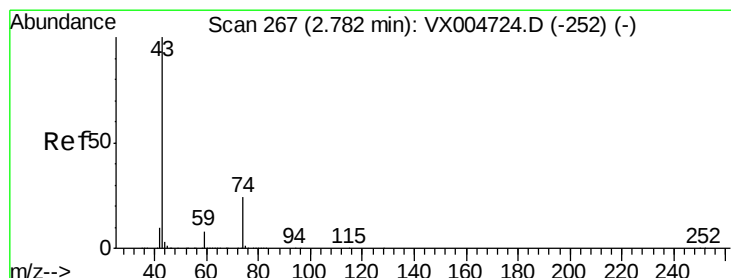
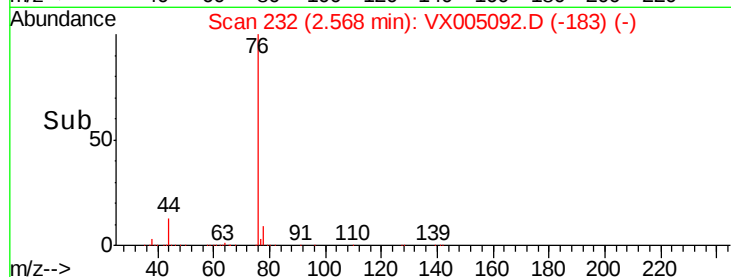
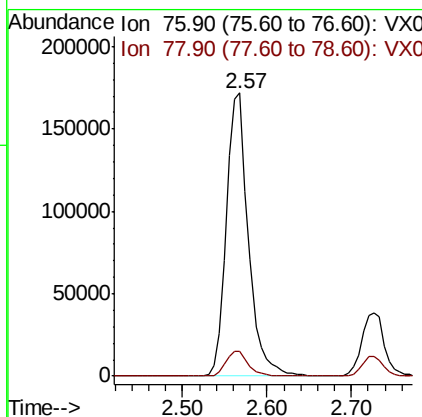
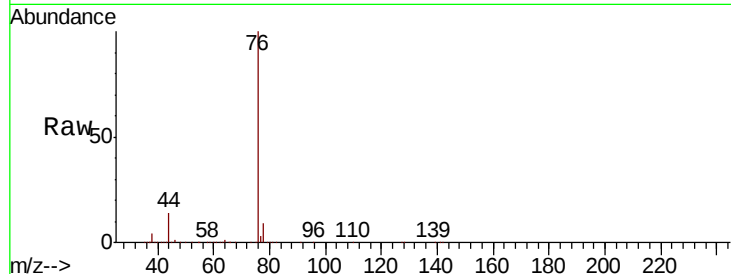
#17
Carbon Disulfide
Concen: 43.830 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6

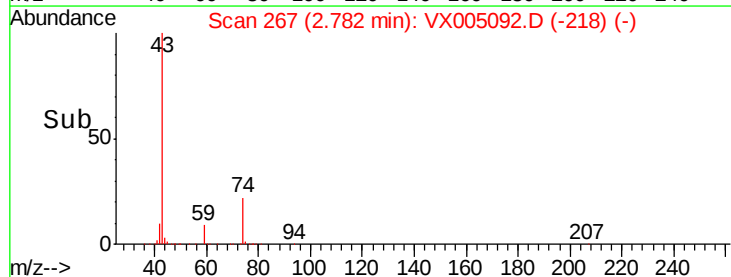
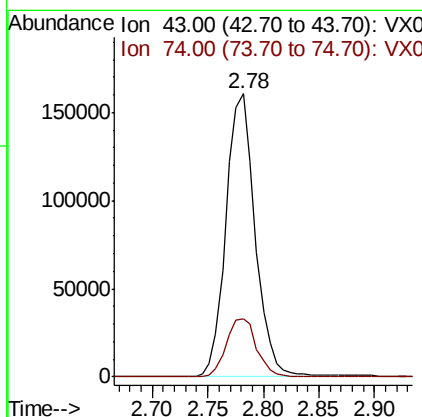
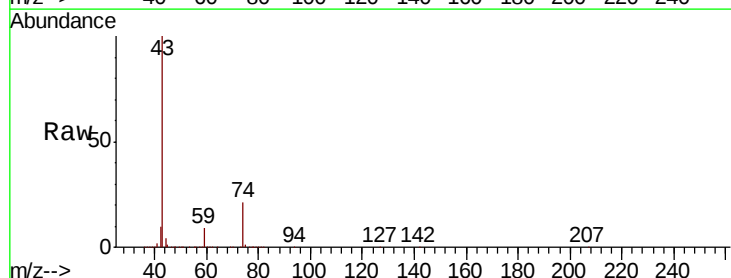
Manual Integrations
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#18
Methyl Acetate
Concen: 63.623 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.8	26.8





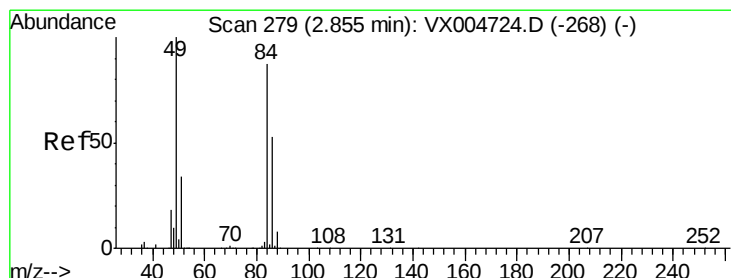
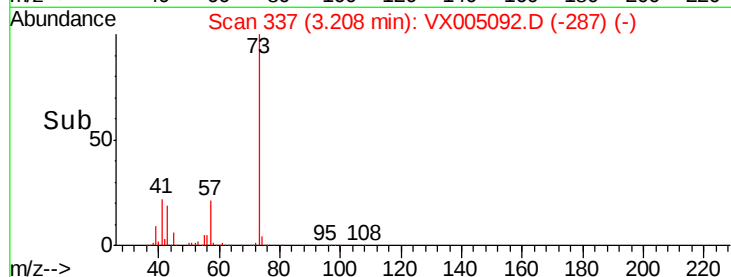
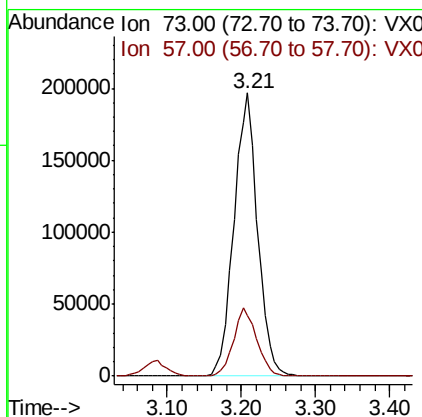
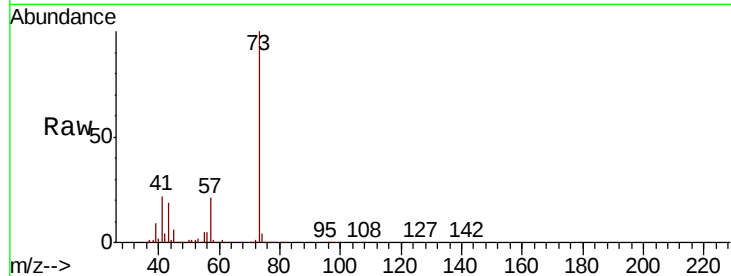
#19
Methvl tert-butvl Ether
Concen: 54.288 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	19.9	29.9

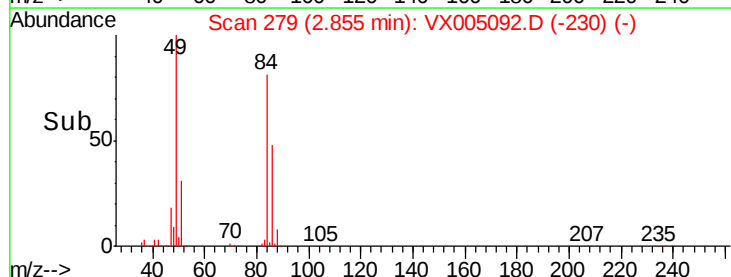
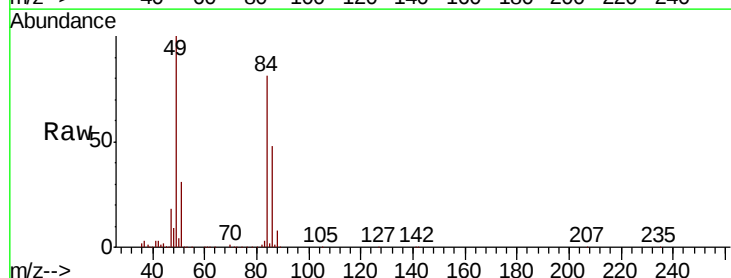
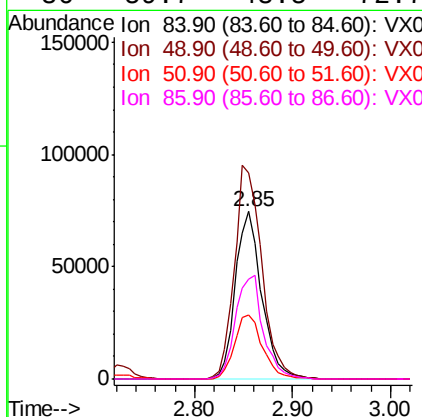
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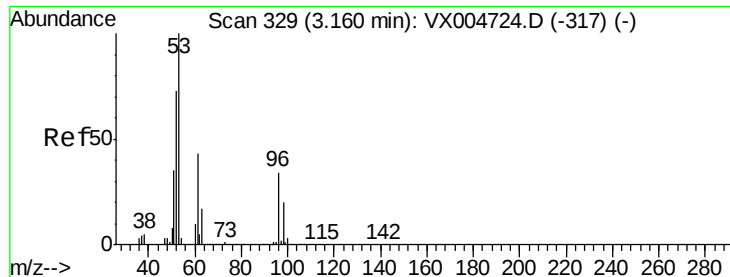
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#20
Methylene Chloride
Concen: 53.429 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.4	92.3	138.5
51	38.1	31.8	47.6
86	59.7	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 48.614 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

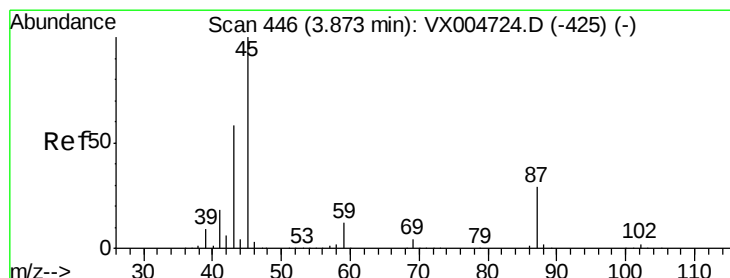
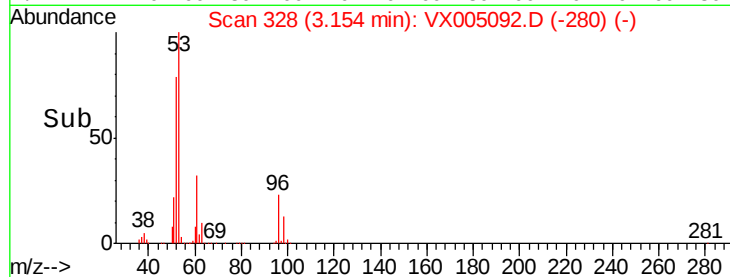
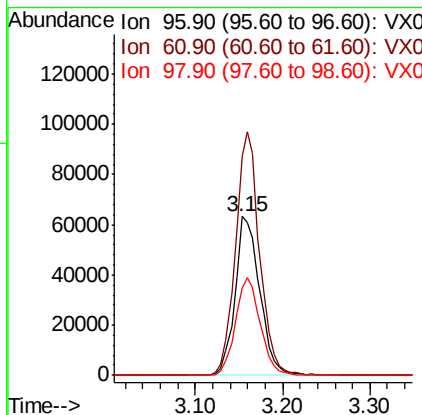
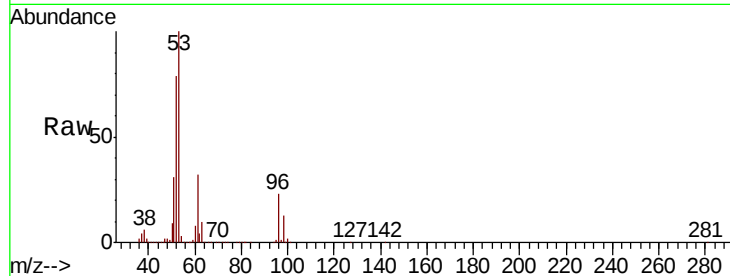
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	124461
Ion	Ratio	Lower	Upper
96	100		
61	138.0	101.0	151.6
98	55.4	47.2	70.8

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#22

Diisopropyl ether

Concen: 56.142 ug/l

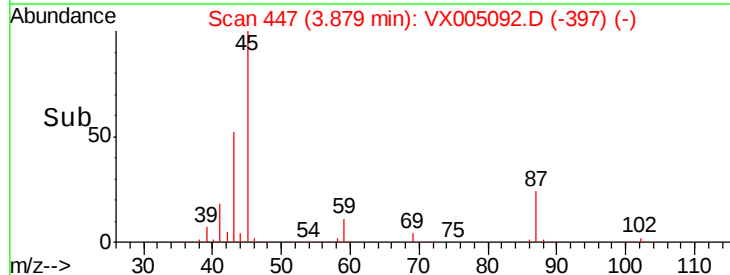
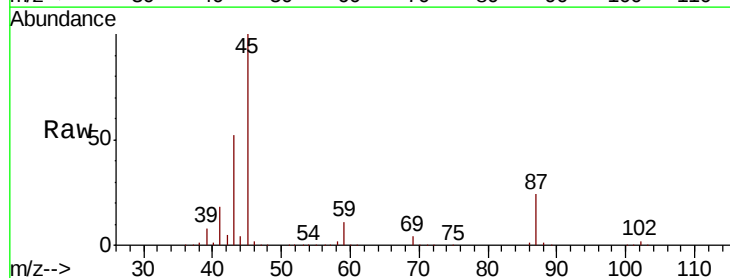
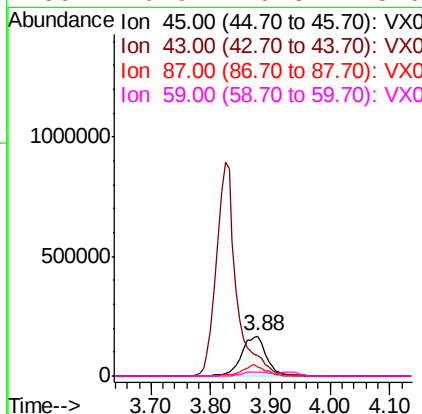
RT: 3.88 min Scan# 447

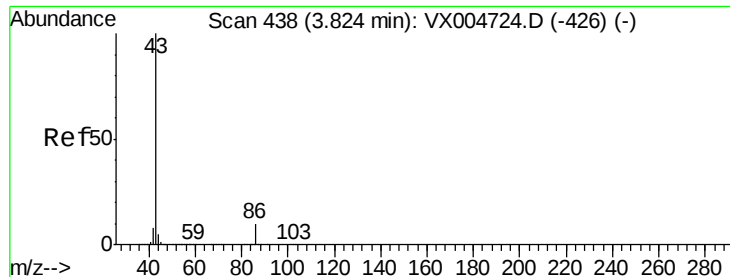
Delta R.T. 0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Tgt Ion:	45	Resp:	482421
Ion	Ratio	Lower	Upper
45	100		
43	52.2	46.7	70.1
87	23.5	22.9	34.3
59	10.9	9.3	13.9





#23

Vinyl Acetate

Concen: 267.283 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2102325

Ion Ratio Lower Upper

43 100

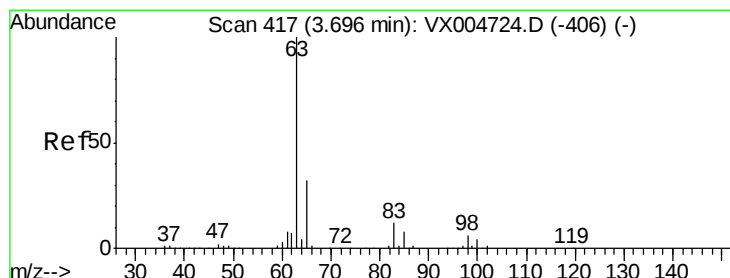
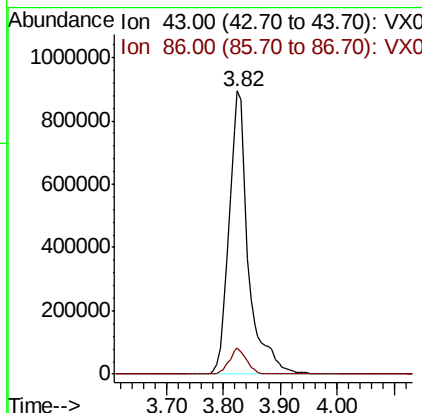
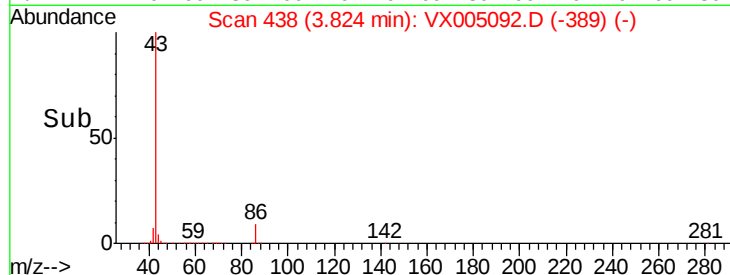
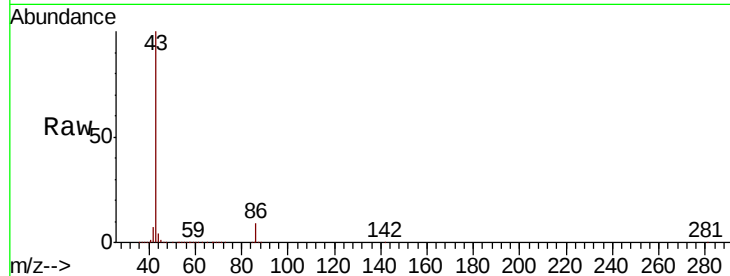
86 9.2 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 52.409 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

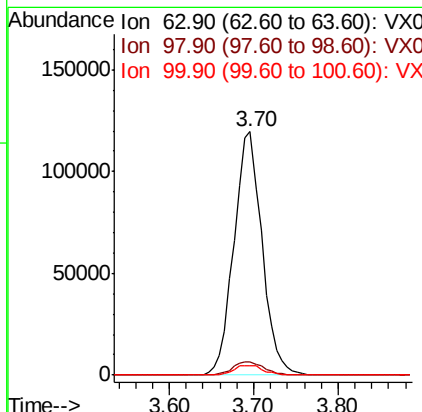
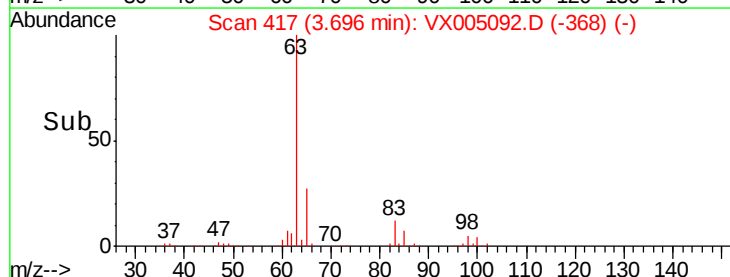
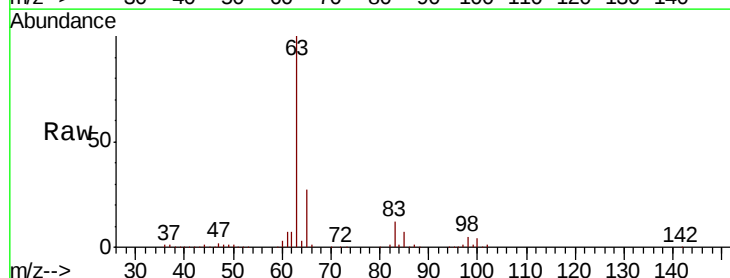
Tgt Ion: 63 Resp: 268637

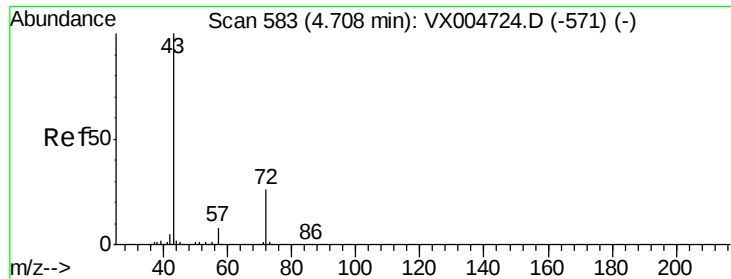
Ion Ratio Lower Upper

63 100

98 5.5 3.0 9.2

100 3.8 2.0 5.8





#25

2-Butanone

Concen: 257.474 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 683183

Ion Ratio Lower Upper

43 100

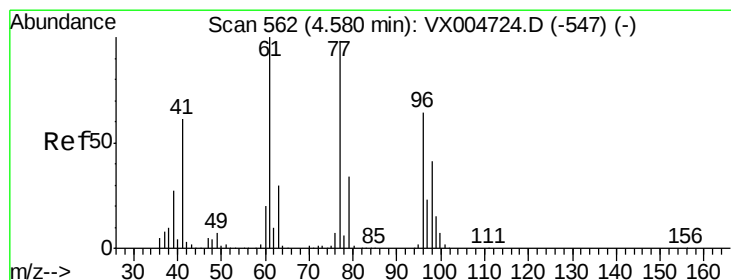
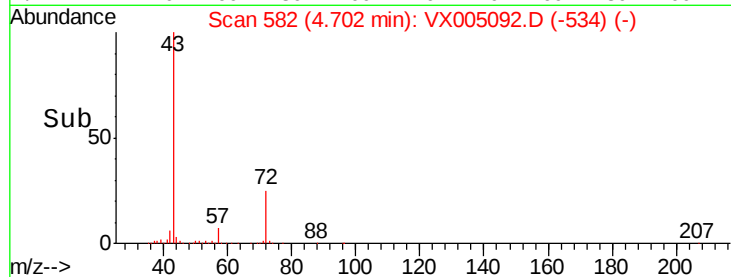
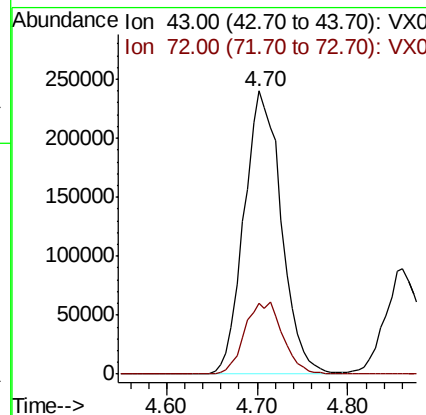
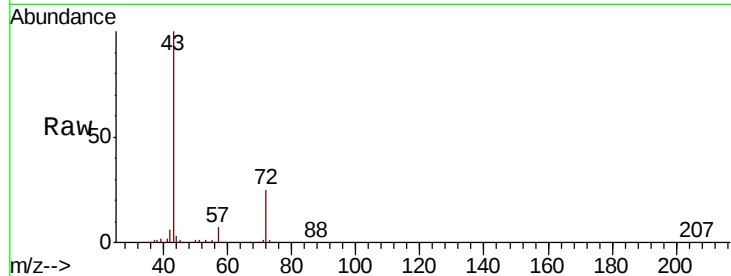
72 24.9 20.8 31.2

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#26

2,2-Dichloropropane

Concen: 38.155 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005092.D

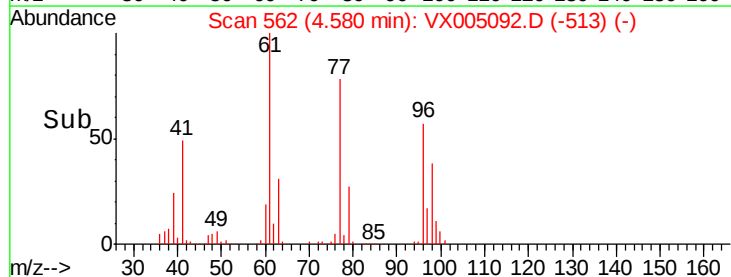
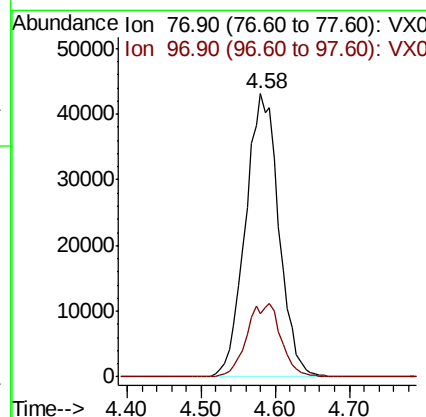
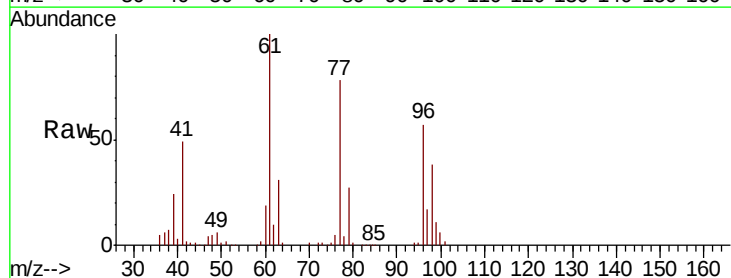
Acq: 06 Oct 2018 03:19

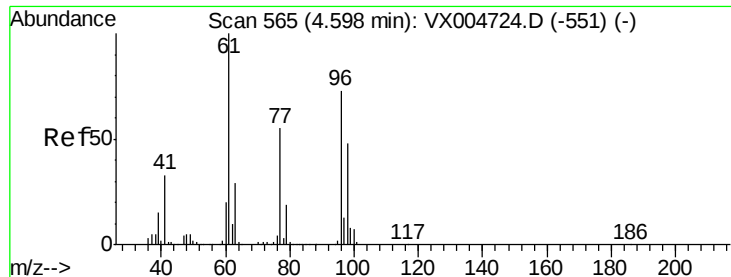
Tgt Ion: 77 Resp: 136189

Ion Ratio Lower Upper

77 100

97 26.3 12.6 37.8





#27

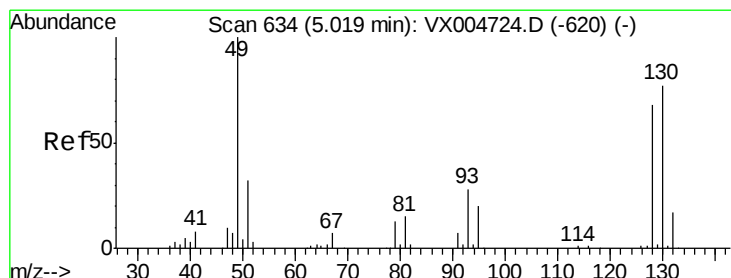
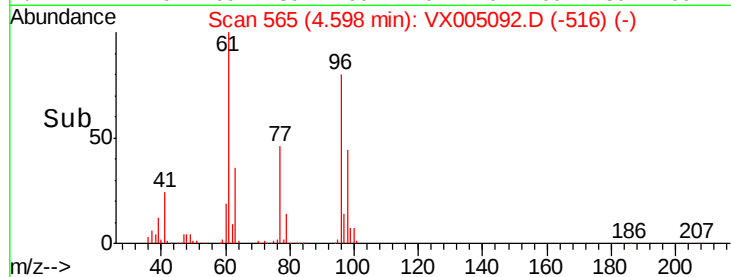
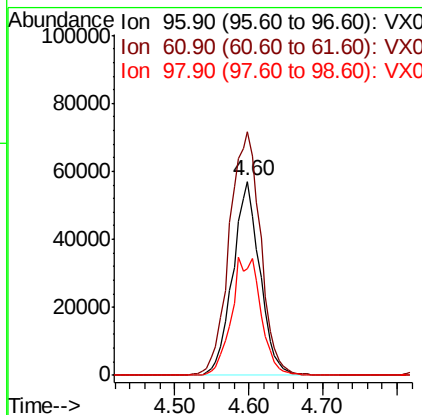
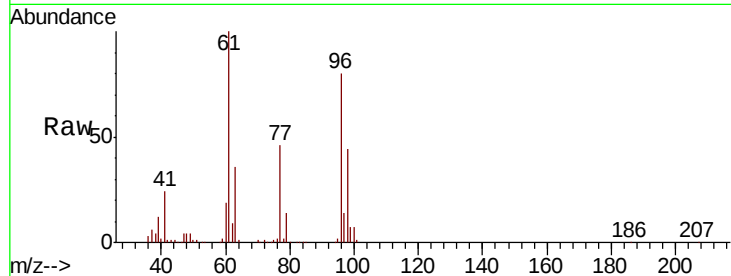
cis-1,2-Dichloroethene
Concen: 51.110 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	146178		
61	143.5	0.0	285.8	
98	65.3	0.0	136.2	

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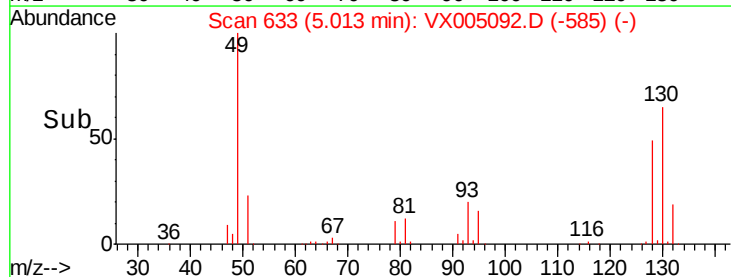
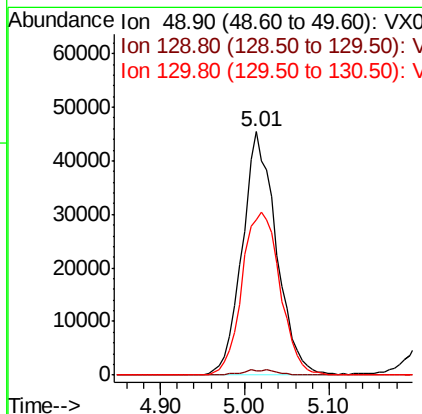
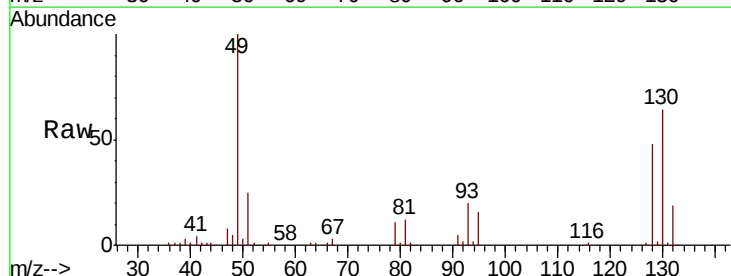
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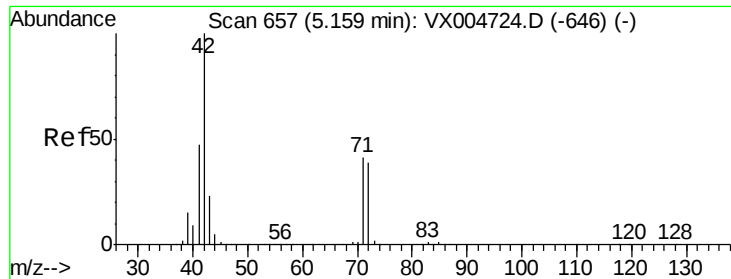


#28

Bromochloromethane
Concen: 51.778 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	124981		
129	2.1	0.0	4.2	
130	74.7	62.0	93.0	





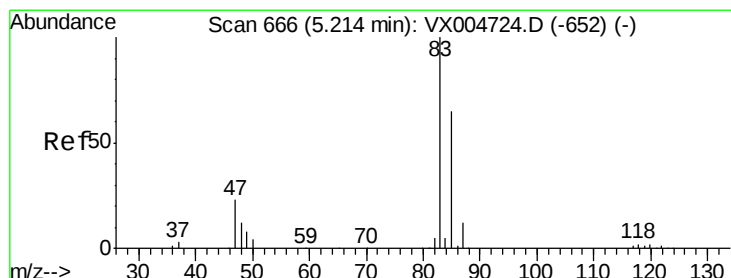
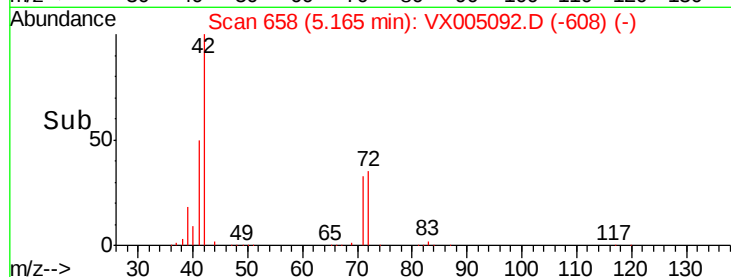
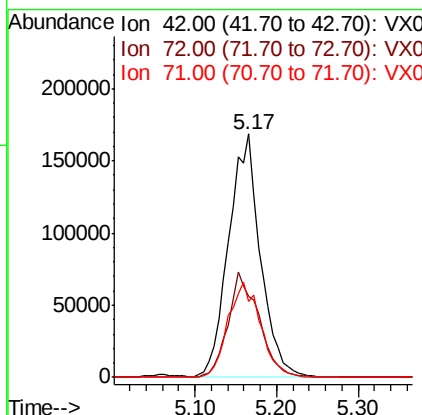
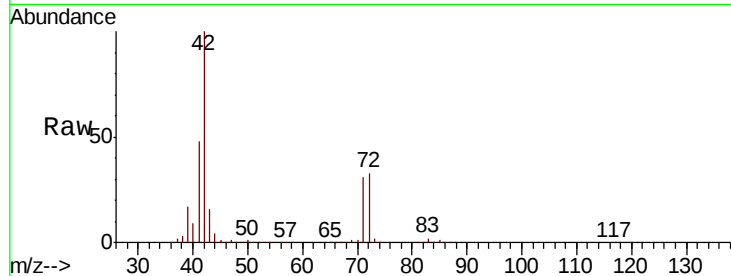
#29
Tetrahydrofuran
Concen: 273.405 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	33.7	50.5
71	40.4	32.2	48.4

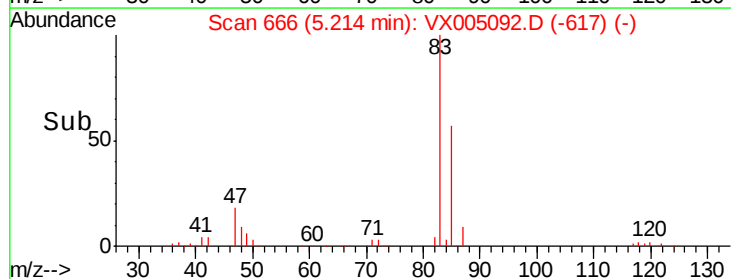
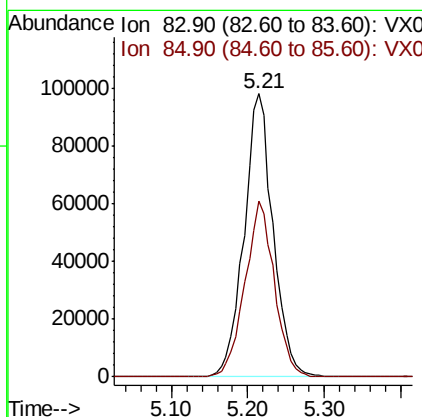
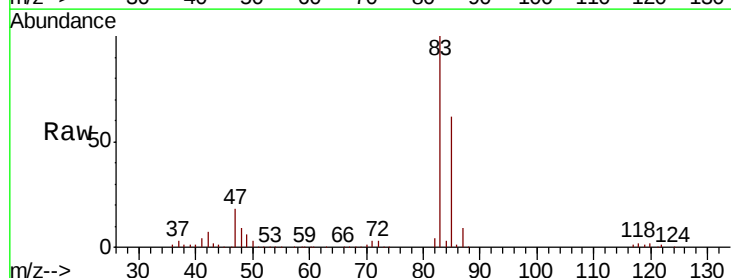
Manual Integrations
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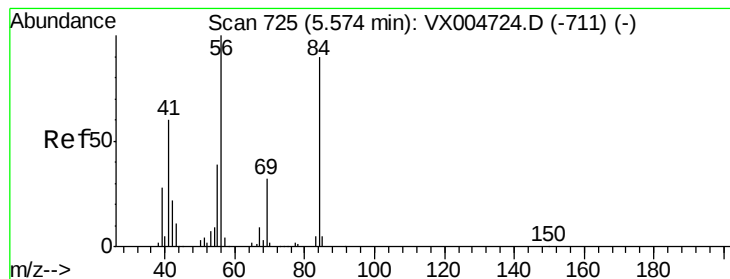
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#30
Chloroform
Concen: 53.345 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.4	78.6





#31

Cyclohexane

Concen: 55.659 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 218354

Ion Ratio Lower Upper

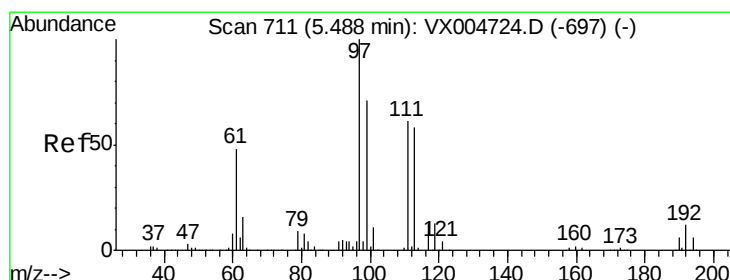
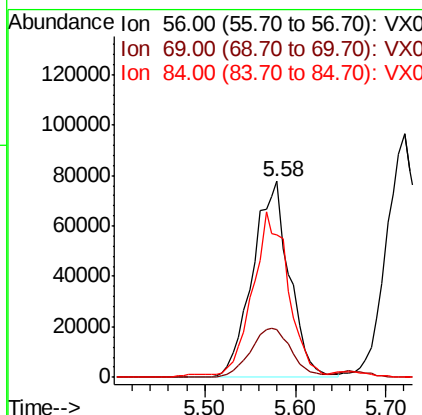
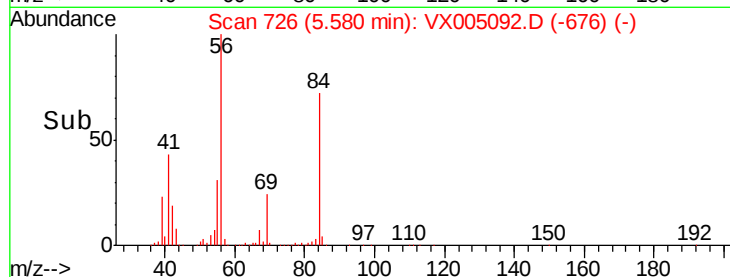
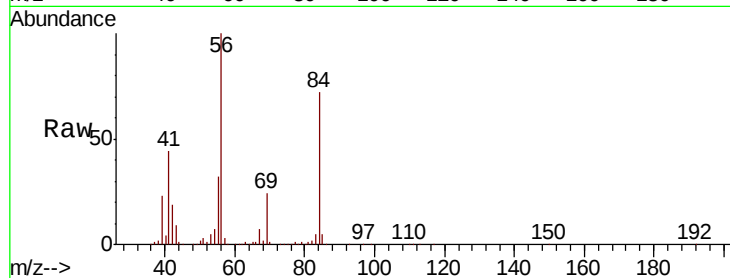
56 100

69 24.1 25.9 38.9#

84 71.3 71.9 107.9#

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#32

1,1,1-Trichloroethane

Concen: 51.955 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

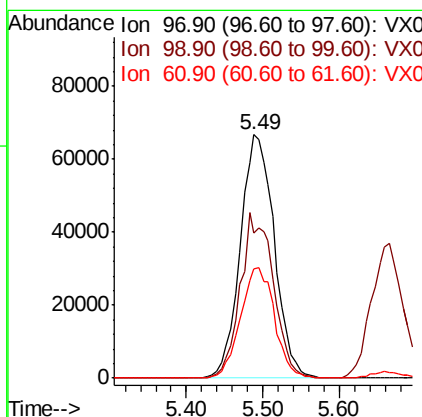
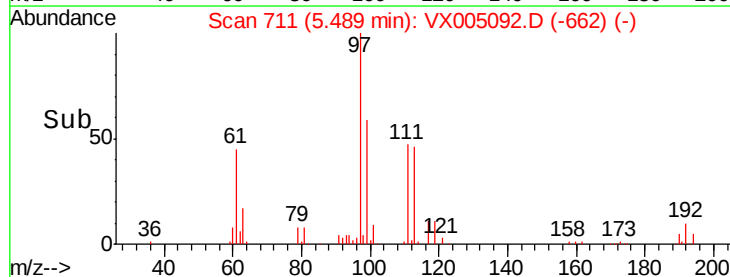
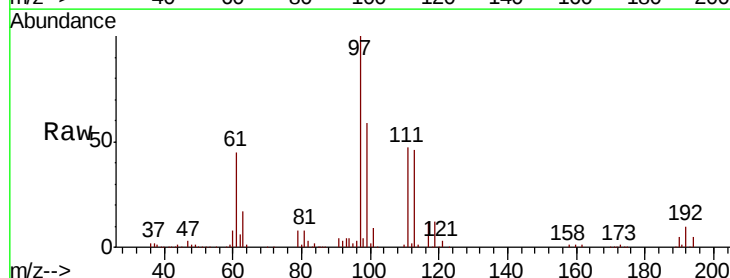
Tgt Ion: 97 Resp: 205546

Ion Ratio Lower Upper

97 100

99 66.0 54.6 82.0

61 45.7 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 47.735 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 147183

Ion Ratio Lower Upper

65 100

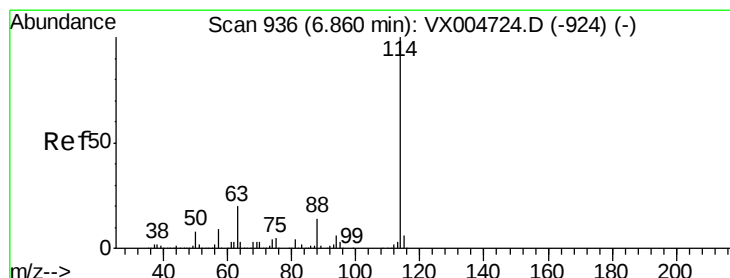
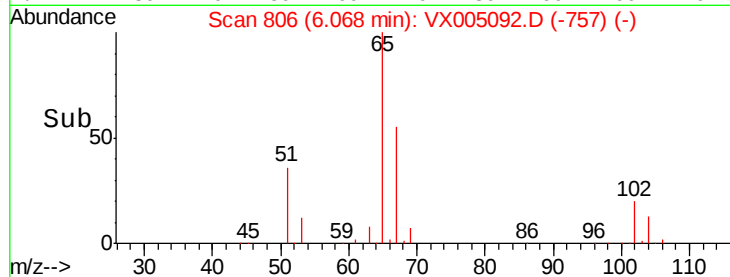
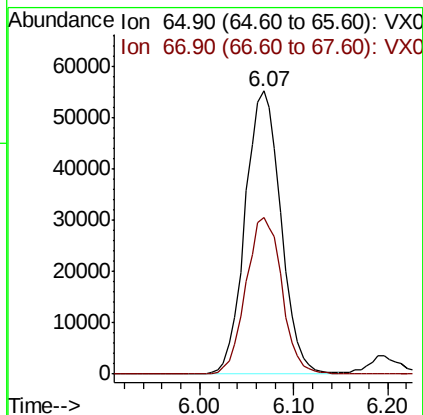
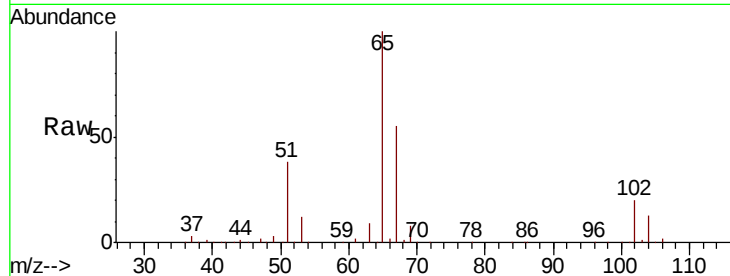
67 55.5 0.0 107.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

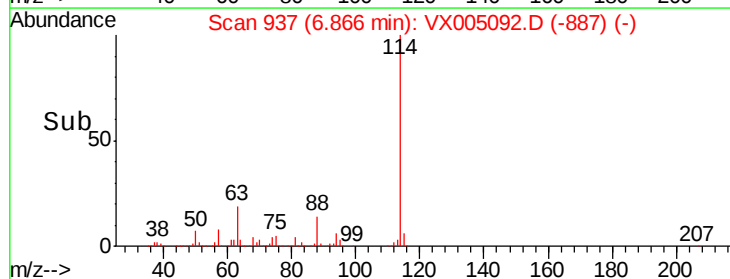
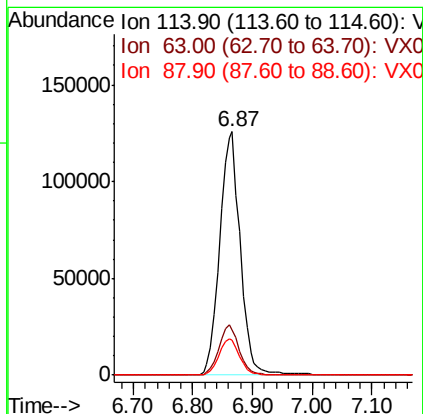
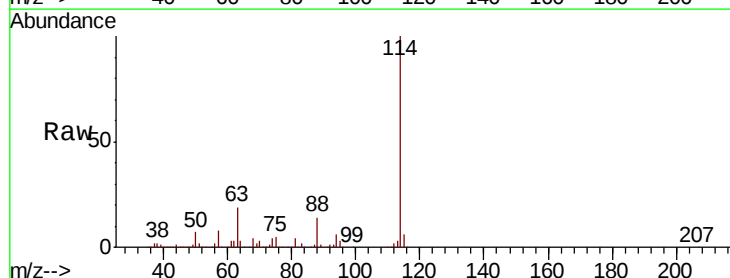
Tgt Ion: 114 Resp: 302344

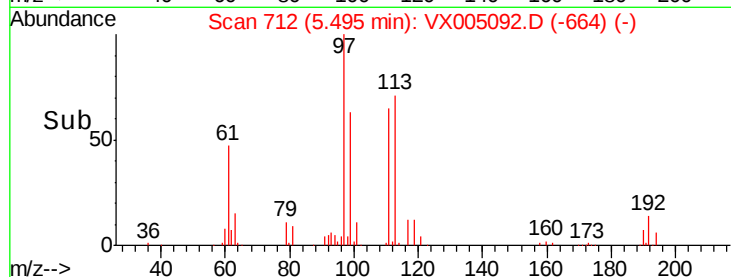
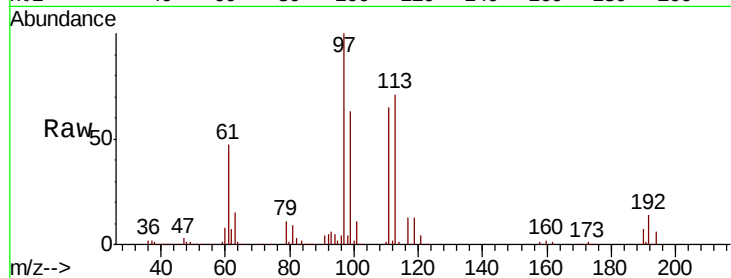
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.8

88 14.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.534 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Tot Ion:	113	Resp:	126926
Ion Ratio	Lower	Upper	
113	100		
111	102.1	77.0	115.4
192	22.0	17.0	25.6

Instrument :

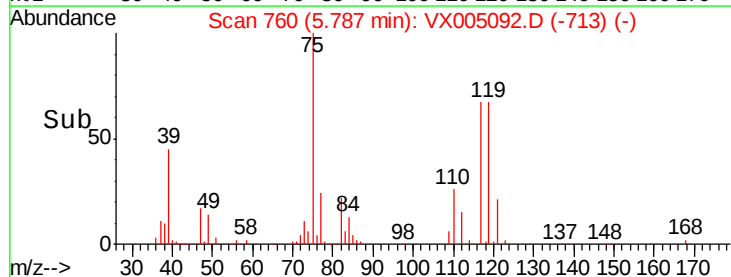
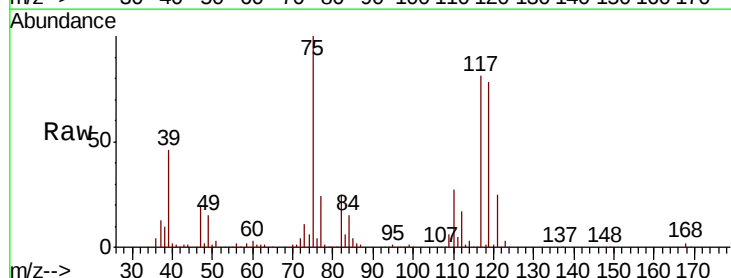
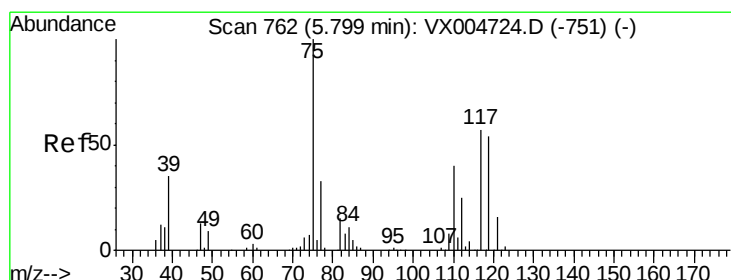
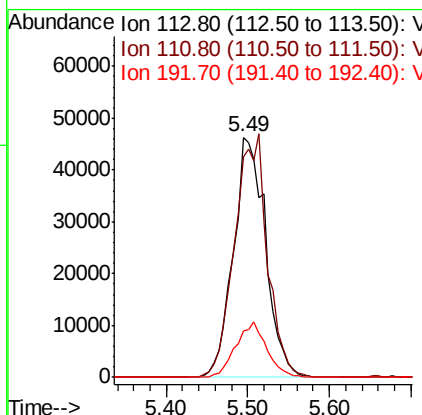
MSVOA_X

ClientSampleId :

VSTDCCC050

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#36

1,1-Dichloropropene

Concen: 50.683 ug/l

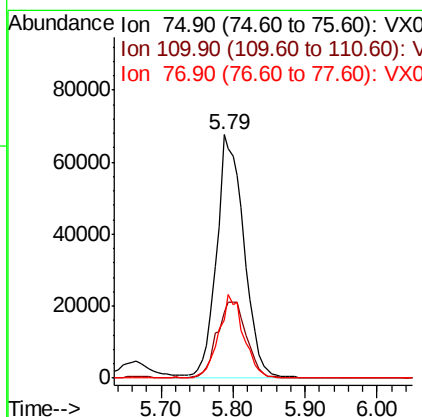
RT: 5.79 min Scan# 760

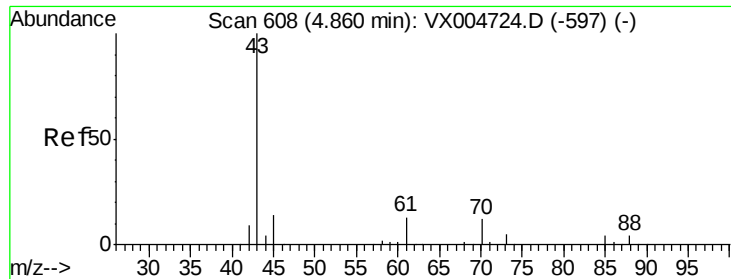
Delta R.T. -0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Tgt Ion:	75	Resp:	177193
Ion Ratio	Lower	Upper	
75	100		
110	34.4	20.0	59.9
77	31.5	27.1	40.7





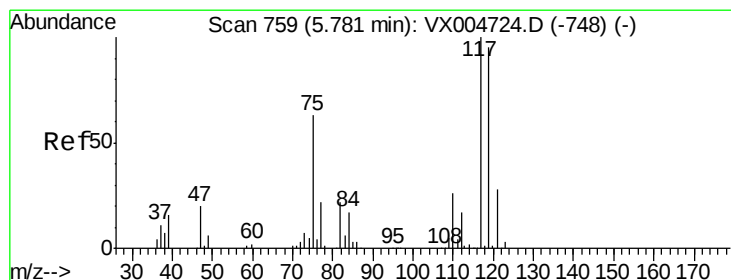
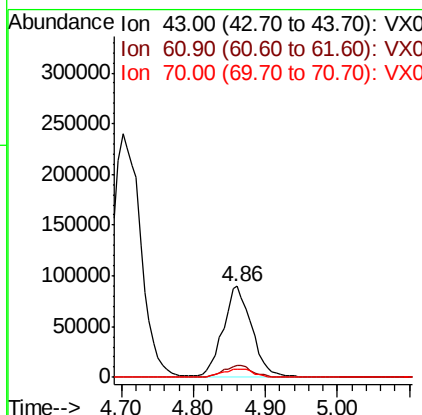
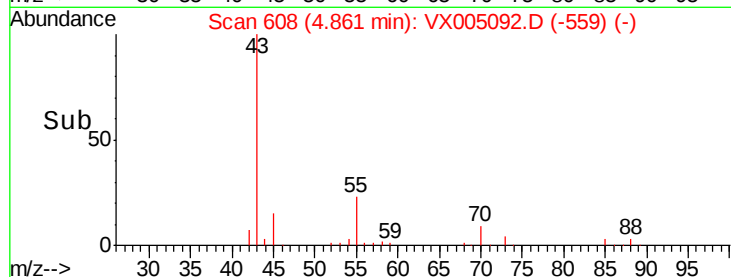
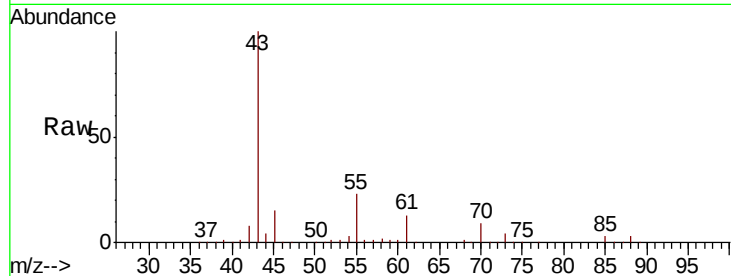
#37
Ethyl Acetate
Concen: 53.656 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	10.2	8.7	13.1

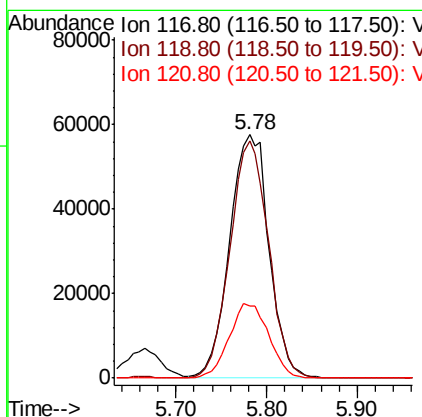
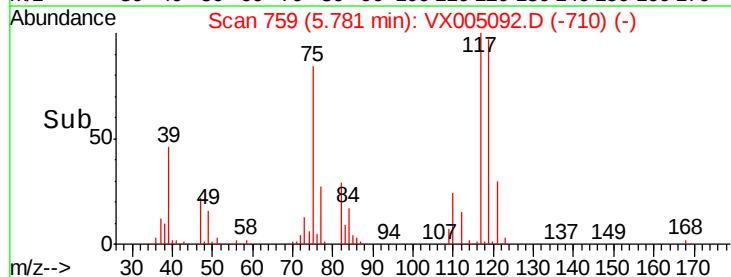
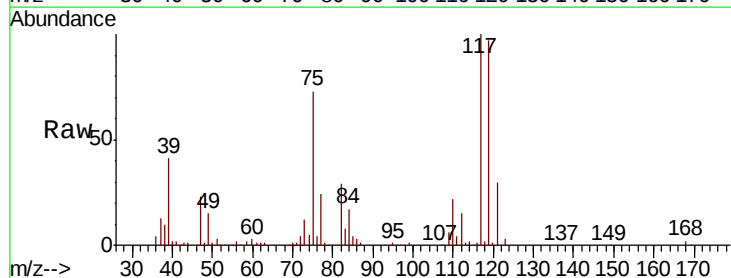
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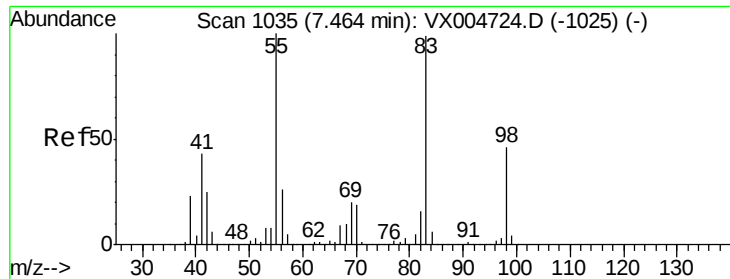
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#38
Carbon Tetrachloride
Concen: 47.082 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.2	112.8
121	29.9	22.5	33.7





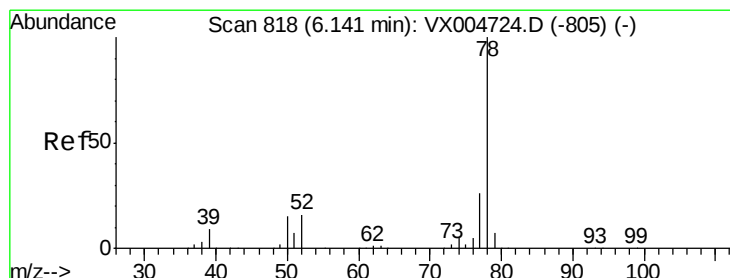
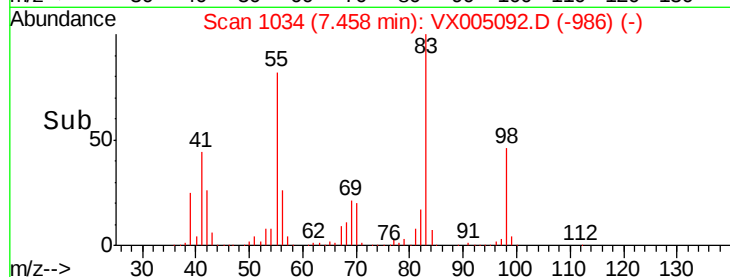
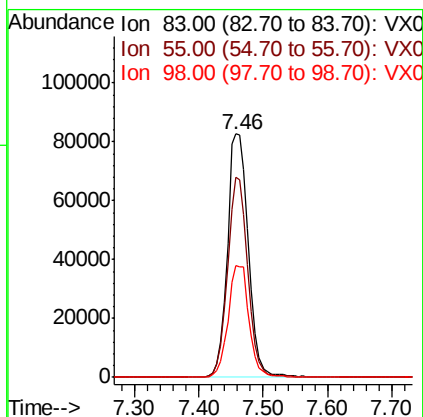
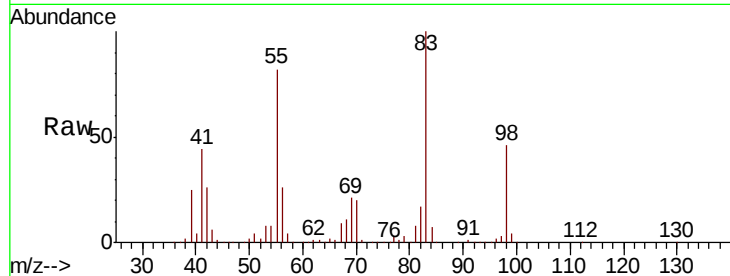
#39
Methvlcvclohexane
Concen: 53.236 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.9	81.1	121.7
98	45.8	37.3	55.9

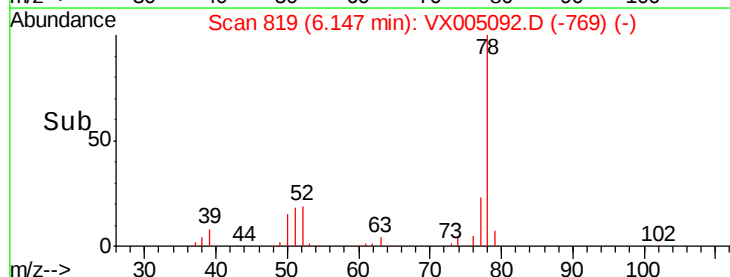
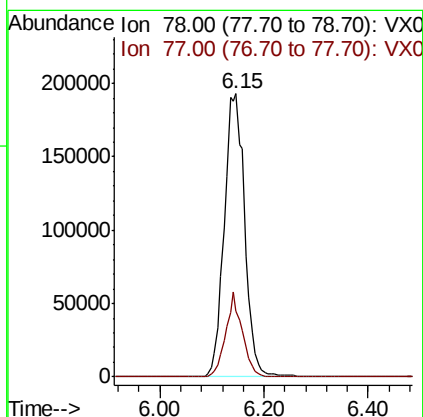
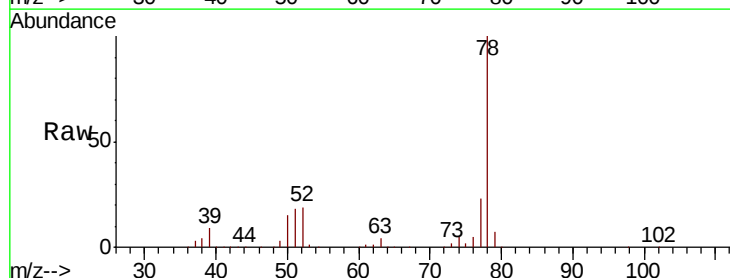
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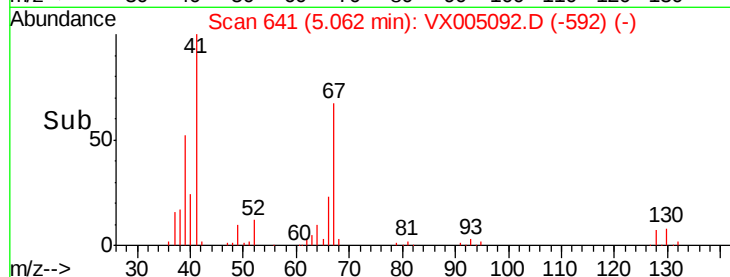
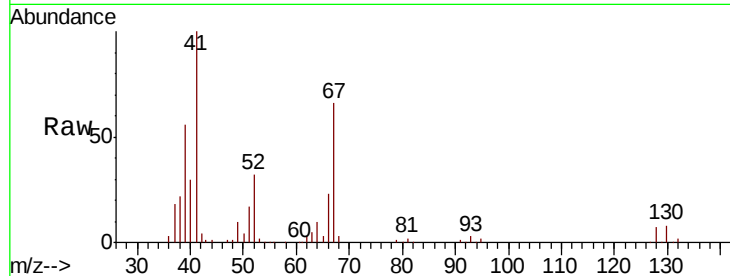
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#40
Benzene
Concen: 49.076 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	21.0	31.4





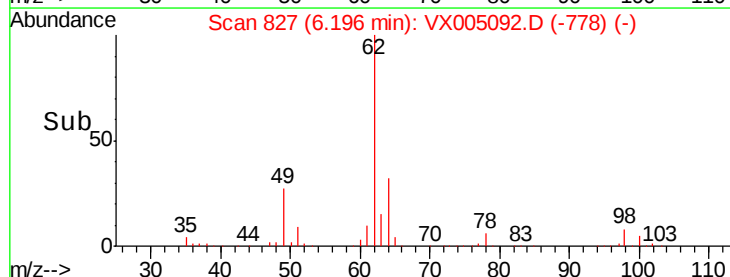
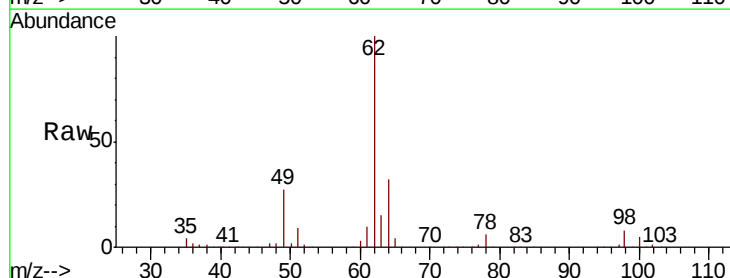
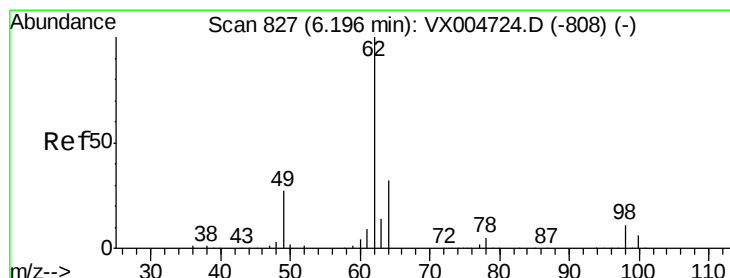
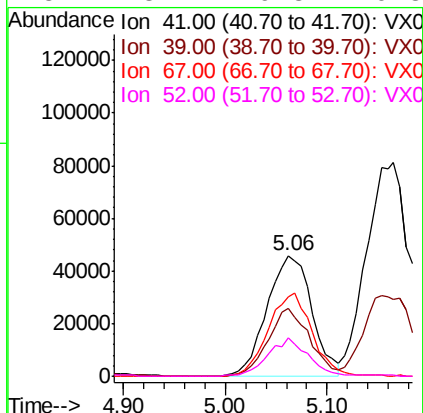
#41
Methacrylonitrile
Concen: 54.105 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		139247		
39	52.1	42.5	63.7		
67	67.9	53.0	79.6		
52	28.4	19.8	29.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

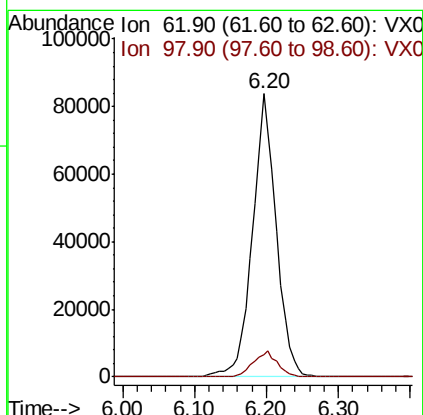
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 49.797 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		192674		
98	9.3	0.0	20.2		





#43

Isopropyl Acetate

Concen: 53.729 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

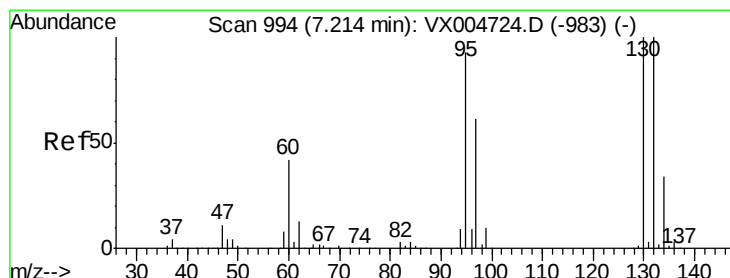
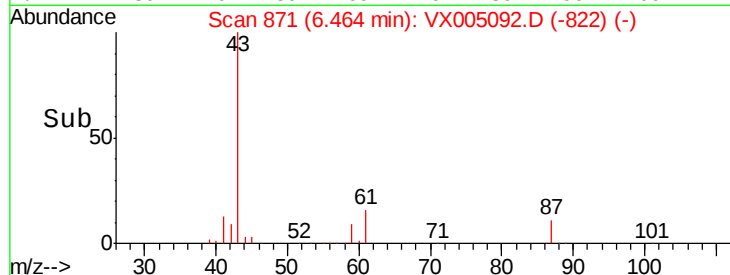
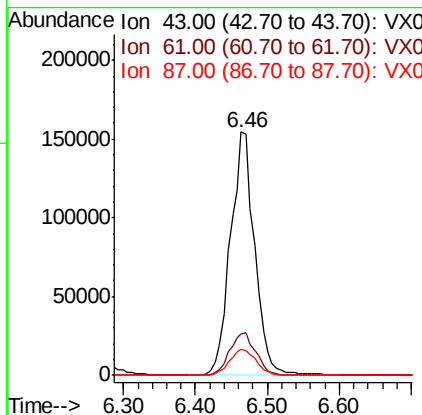
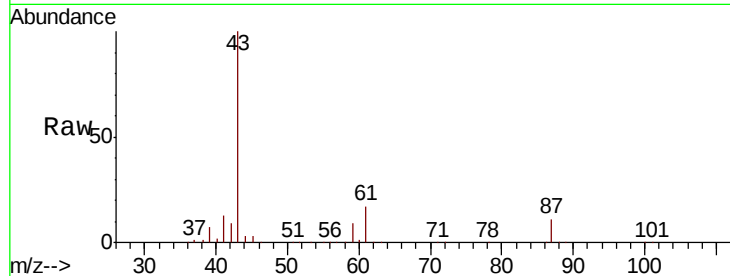
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	359883
Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.2	21.4
87	11.8	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 50.331 ug/l

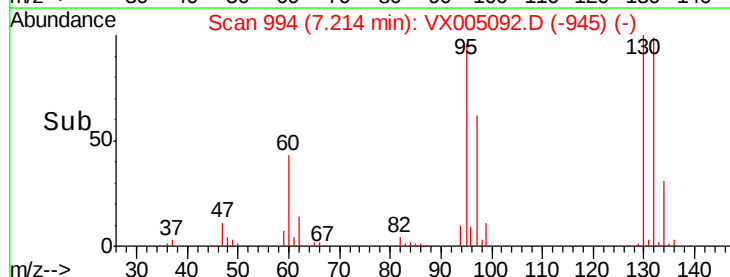
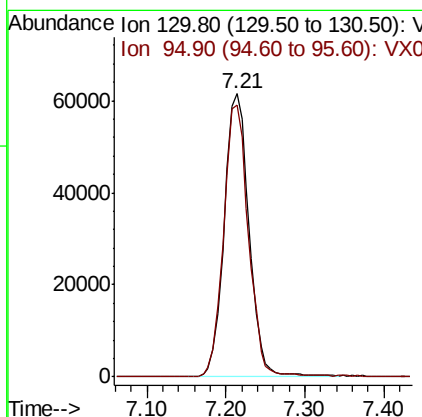
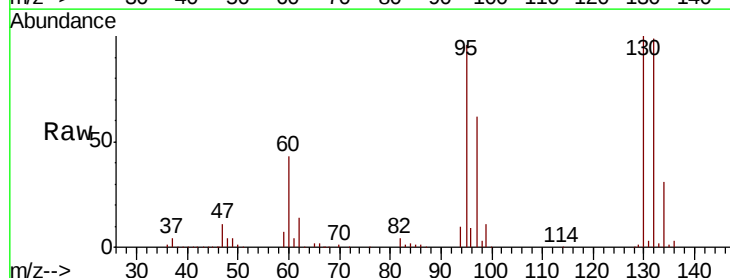
RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Tgt Ion:	130	Resp:	135423
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	186.8





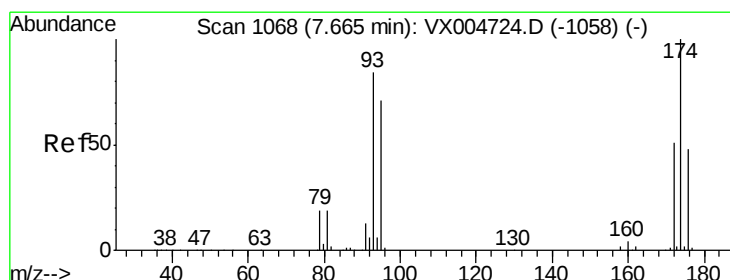
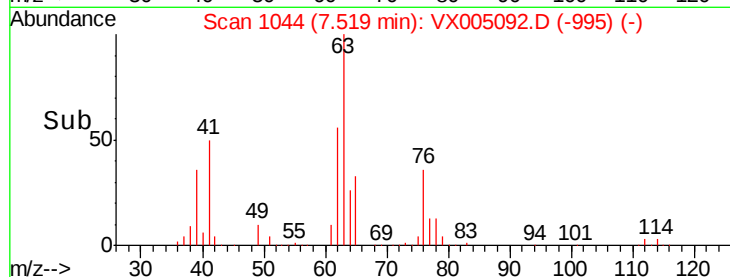
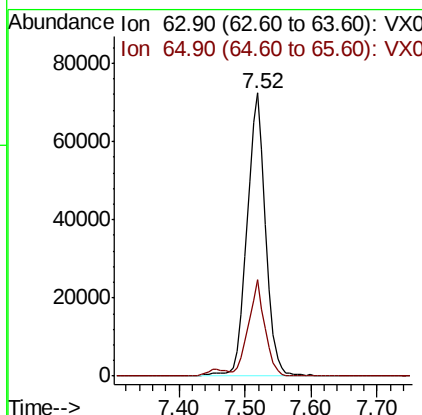
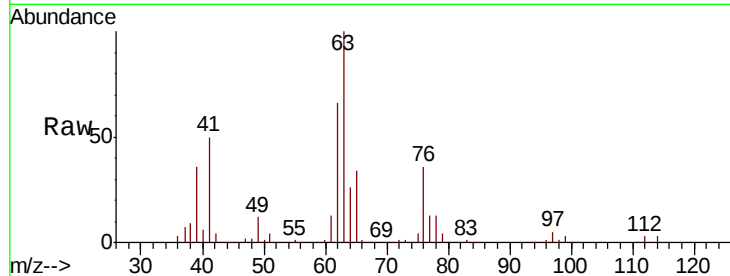
#45
 1,2-Dichloropropane
 Concen: 52.824 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 141784
 Ion Ratio Lower Upper
 63 100
 65 34.2 23.9 35.9

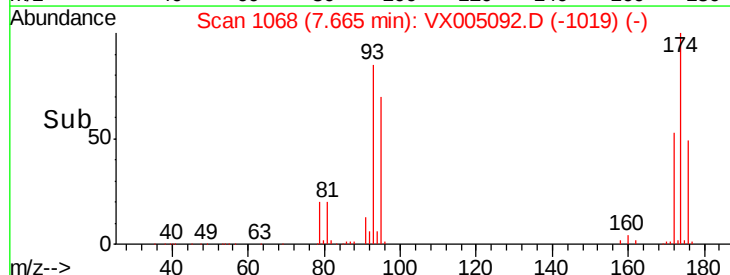
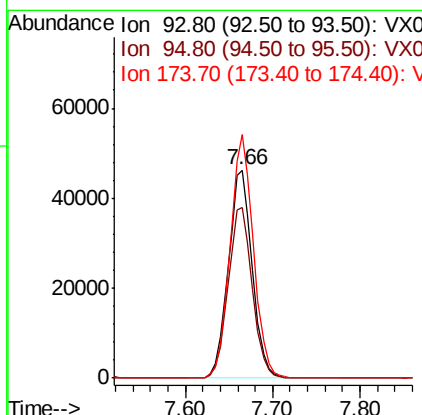
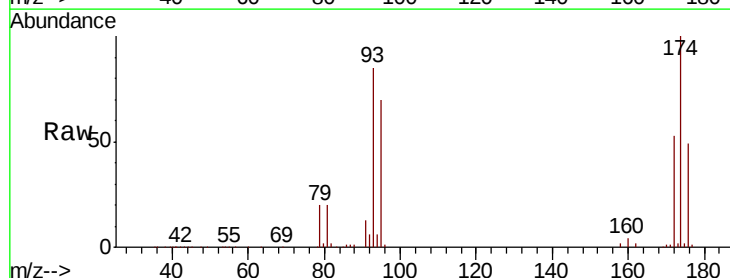
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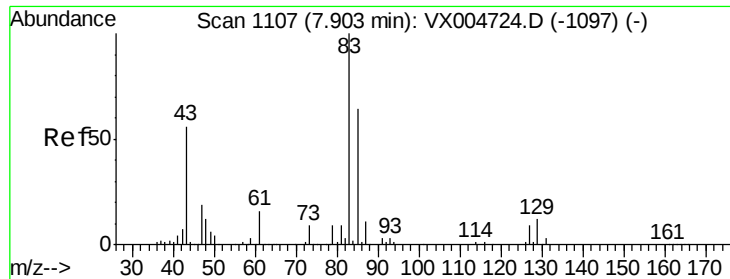
MMDadoda
 10/8/2018 2:02:42 PM



#46
 Dibromomethane
 Concen: 51.823 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion: 93 Resp: 87418
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.7 100.1
 174 114.6 92.7 139.1





#47

Bromodichloromethane

Concen: 54.084 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

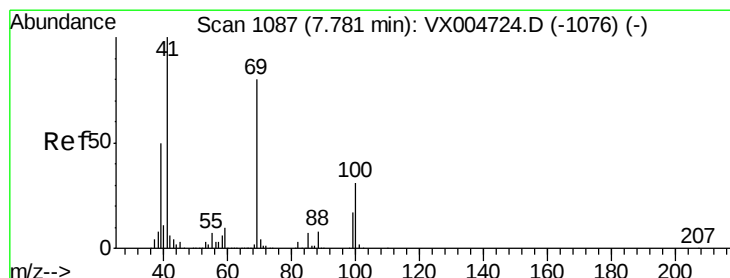
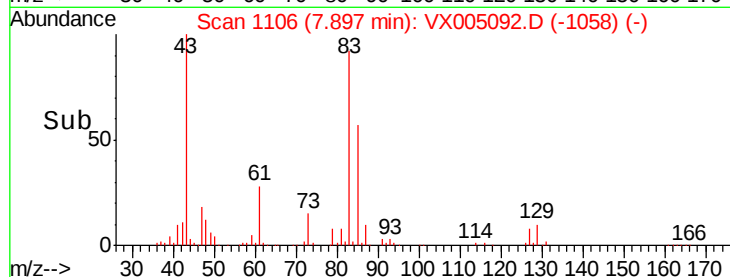
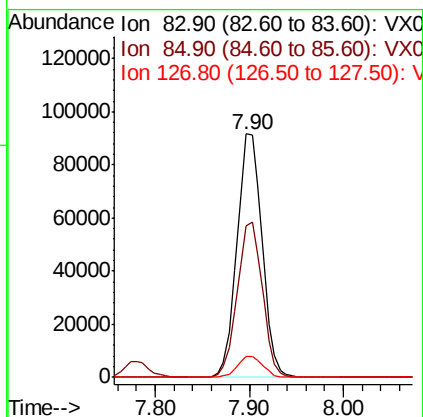
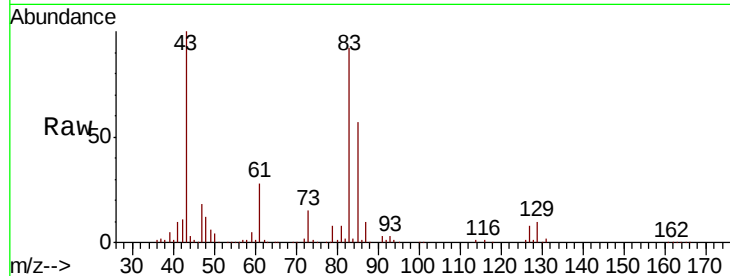
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	170808
Ion Ratio	Lower	Upper	
83	100		
85	62.1	51.2	76.8
127	8.7	7.0	10.6

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#48

Methyl methacrylate

Concen: 57.475 ug/l

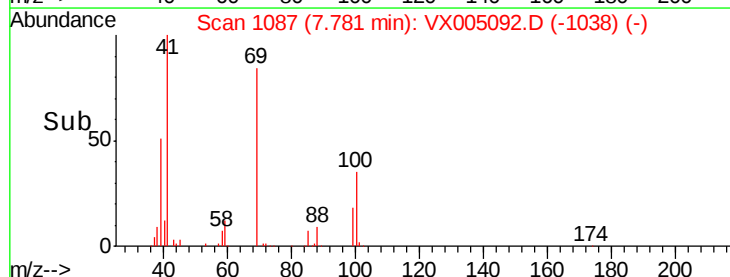
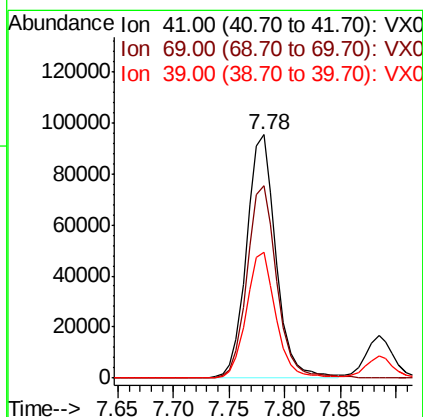
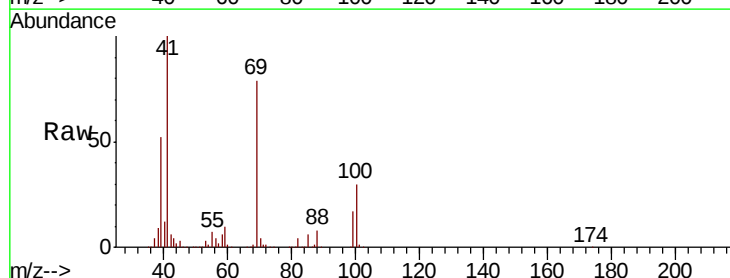
RT: 7.78 min Scan# 1087

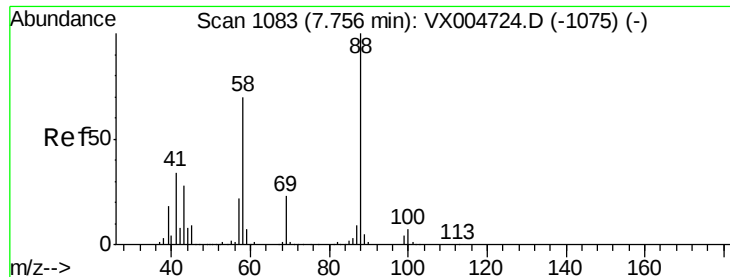
Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Tgt Ion:	41	Resp:	174736
Ion Ratio	Lower	Upper	
41	100		
69	80.5	63.8	95.6
39	51.5	40.7	61.1





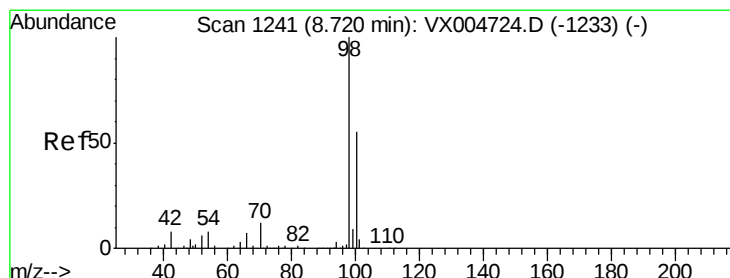
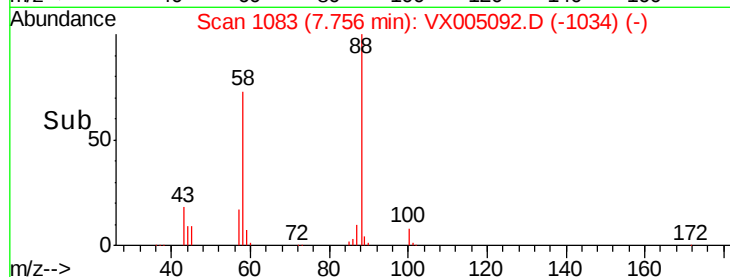
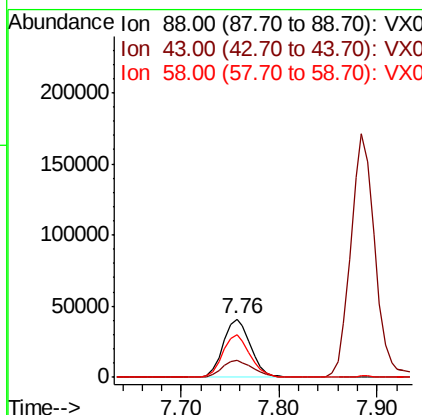
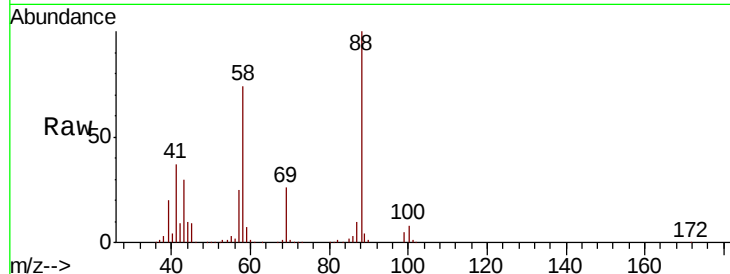
#49
1,4-Dioxane
Concen: 1043.770 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.1	37.7
58	73.7	56.2	84.2

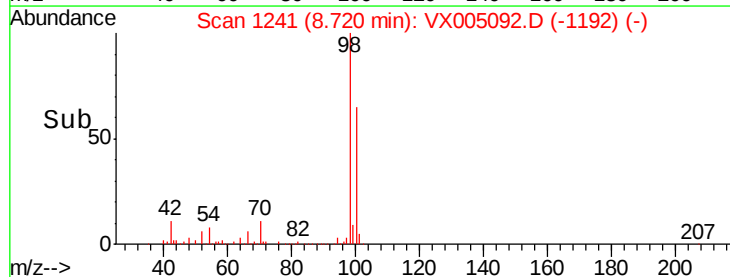
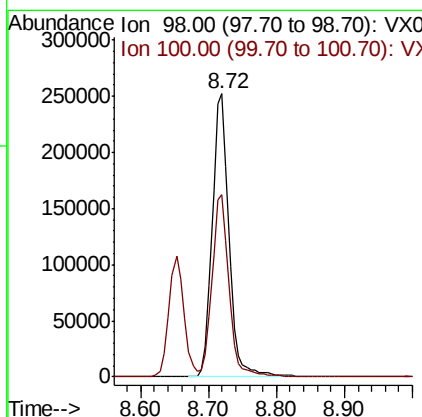
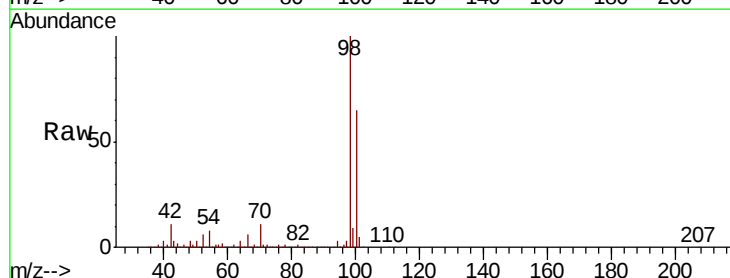
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#50
Toluene-d8
Concen: 50.565 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.9	77.9





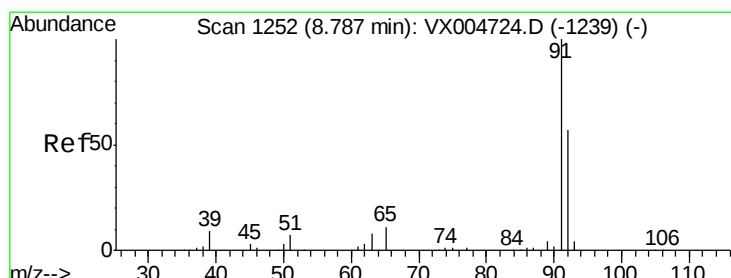
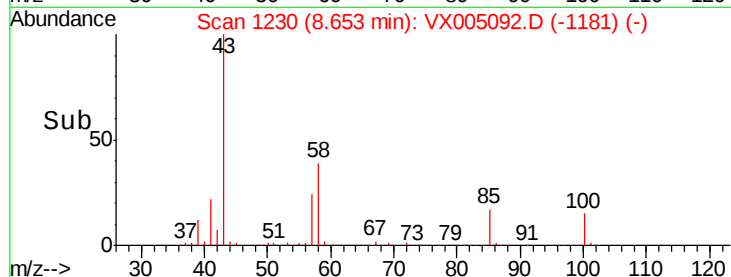
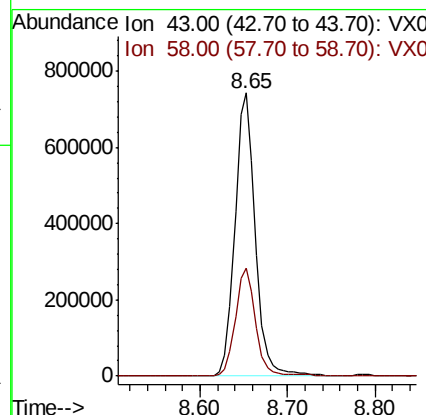
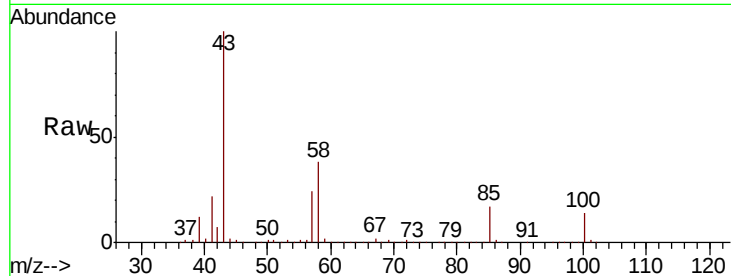
#51
4-Methyl-2-Pentanone
Concen: 285.574 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1204394
Ion Ratio Lower Upper
43 100
58 38.4 30.5 45.7

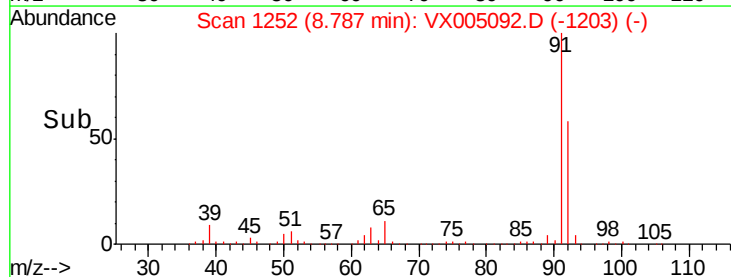
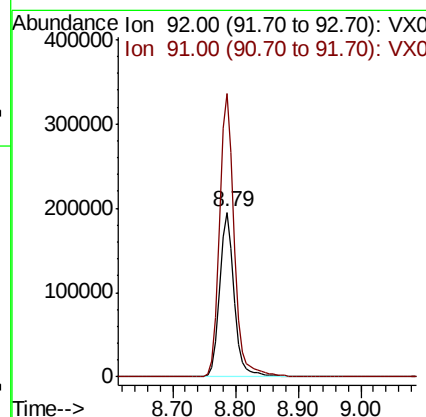
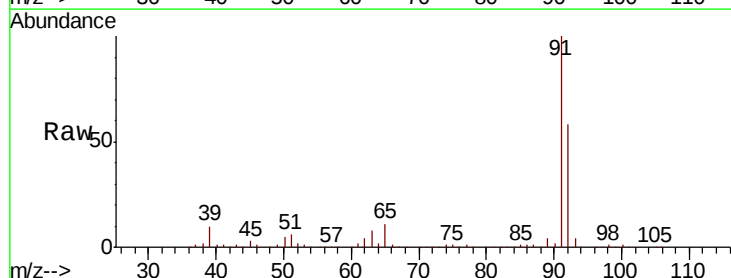
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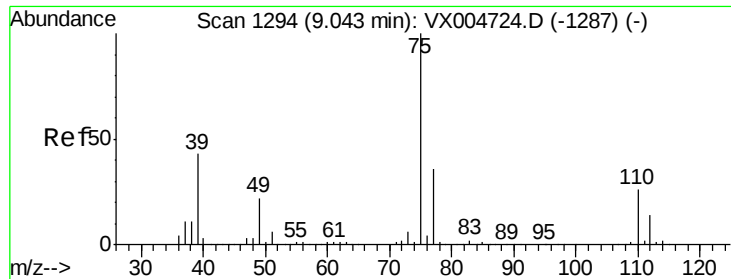
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#52
Toluene
Concen: 52.231 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion: 92 Resp: 314123
Ion Ratio Lower Upper
92 100
91 173.8 136.7 205.1





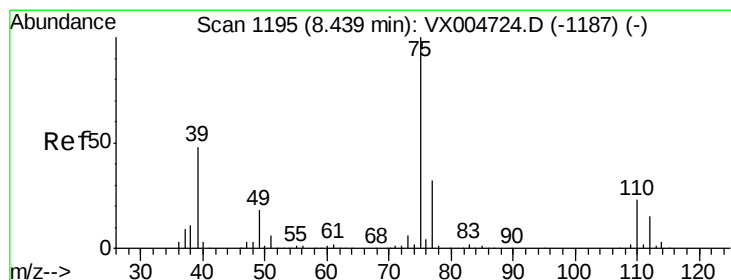
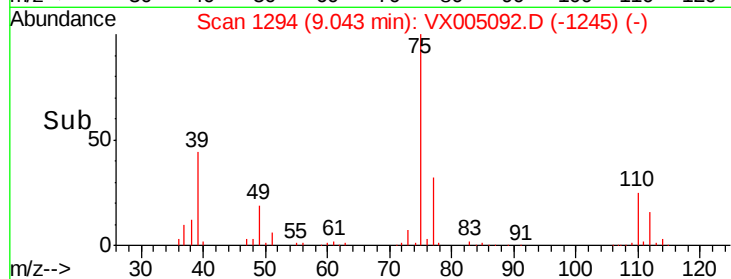
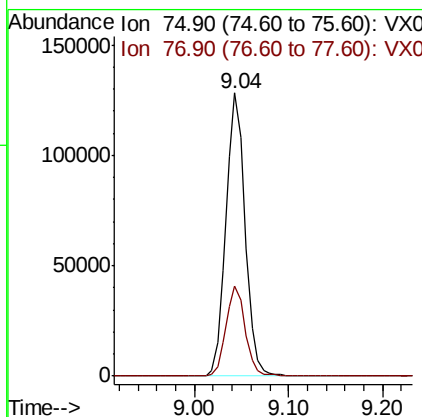
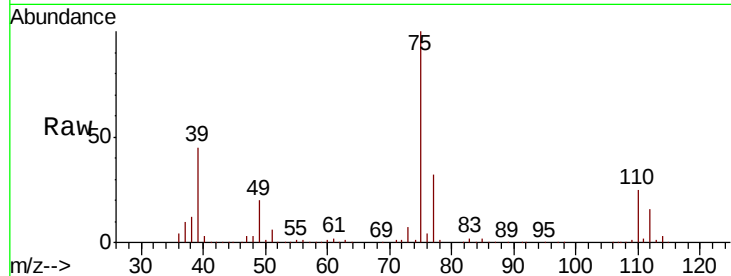
#53
t-1,3-Dichloropropene
Concen: 50.824 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 181388
Ion Ratio Lower Upper
75 100
77 31.9 28.9 43.3

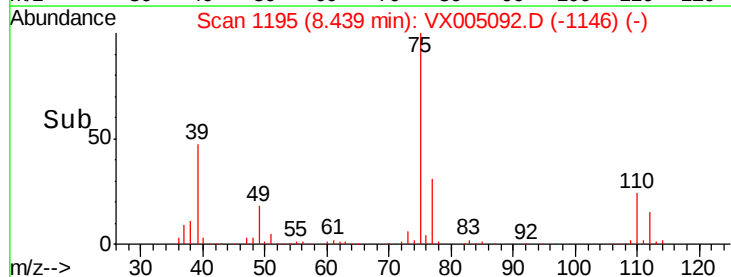
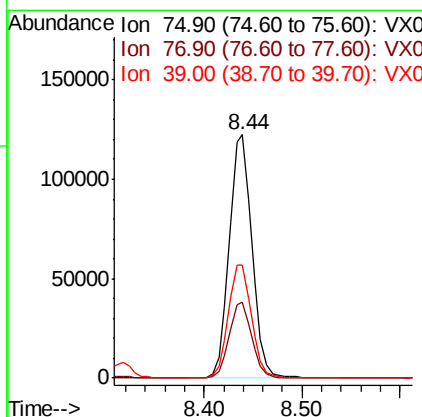
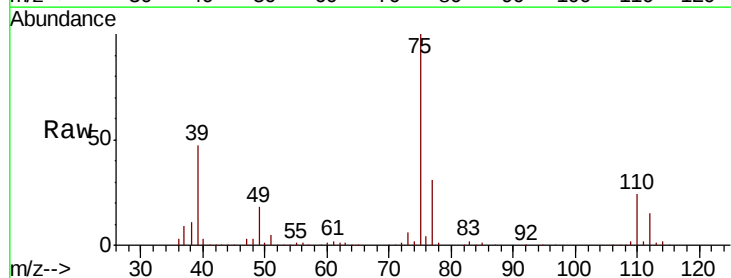
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#54
cis-1,3-Dichloropropene
Concen: 52.697 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion: 75 Resp: 196989
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5
39 46.5 38.3 57.5





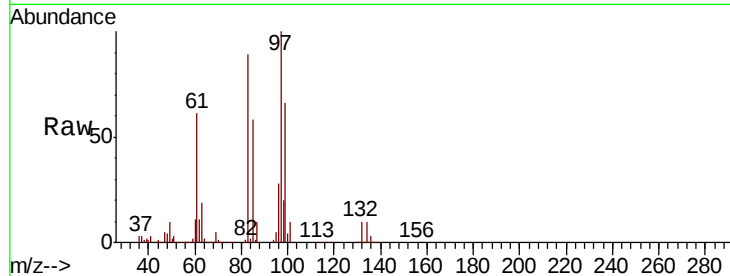
#55
 1,1,2-Trichloroethane
 Concen: 50.509 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

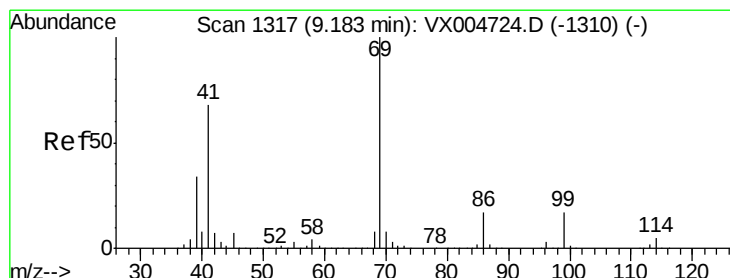
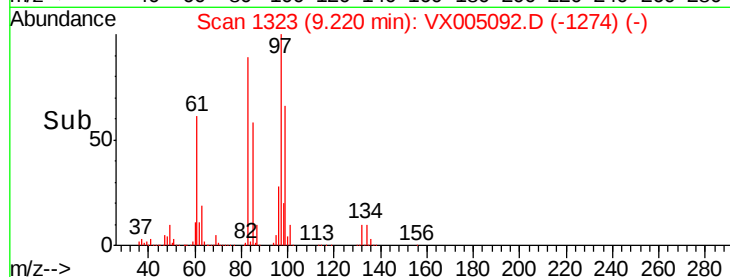
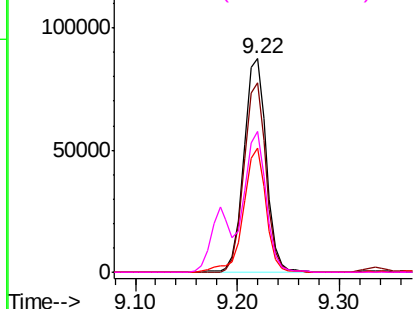
Tot Ion:	97	Resp:	133062
Ion	Ratio	Lower	Upper
97	100		
83	88.9	68.2	102.2
85	57.9	49.9	74.9
99	65.7	48.9	73.3

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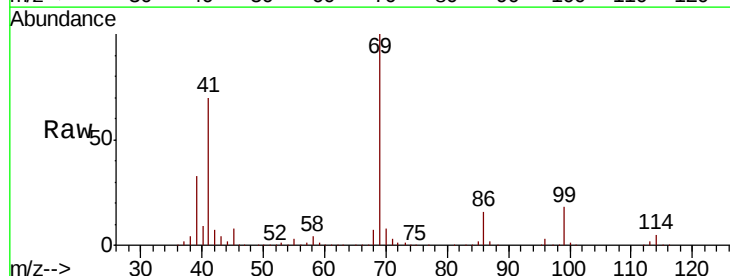


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

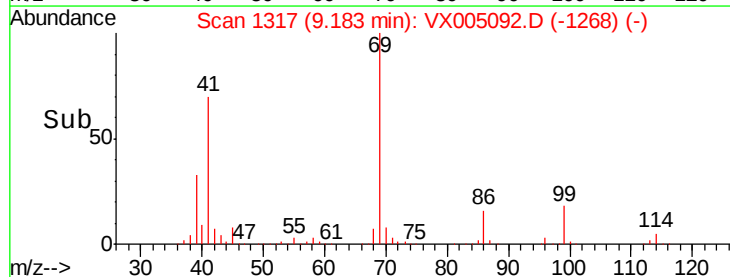
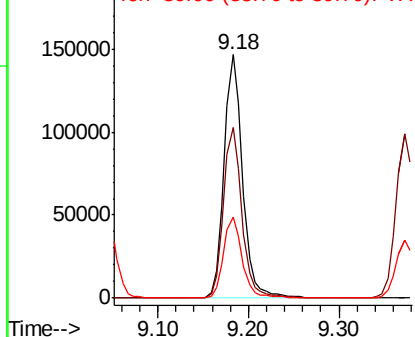


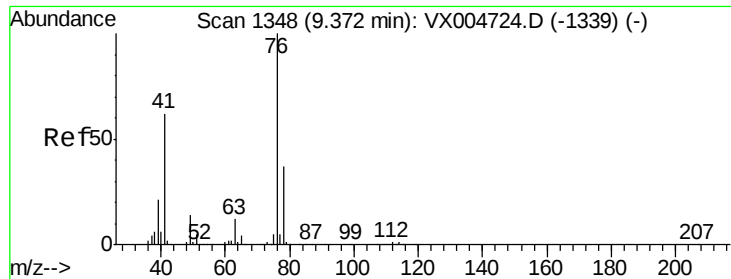
#56
 Ethyl methacrylate
 Concen: 49.069 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion:	69	Resp:	209526
Ion	Ratio	Lower	Upper
69	100		
41	69.8	56.9	85.3
39	33.8	28.4	42.6



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





#57

1,3-Dichloropropane

Concen: 50.901 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 223175

Ion Ratio Lower Upper

76 100

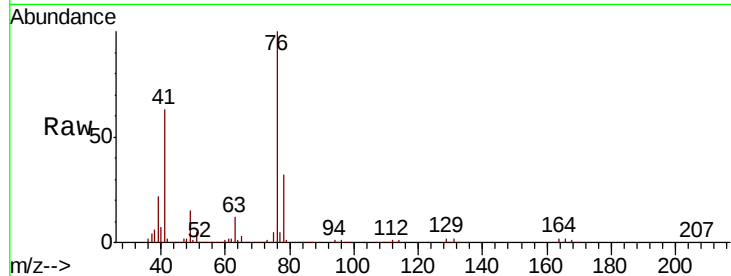
78 32.3 26.6 40.0

Manual Integrations

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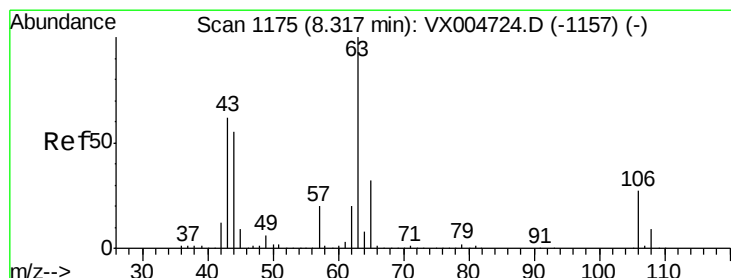
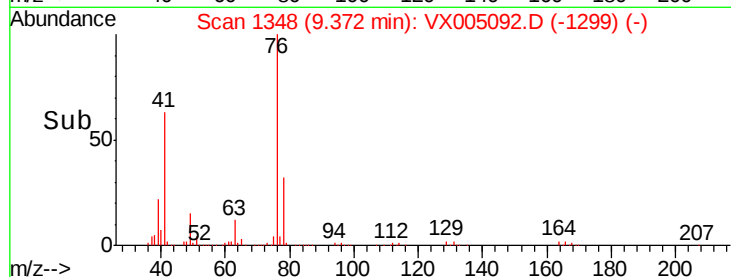
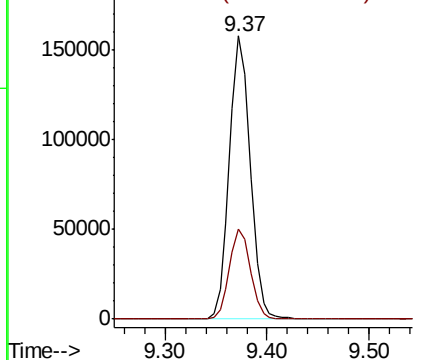
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 259.532 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005092.D

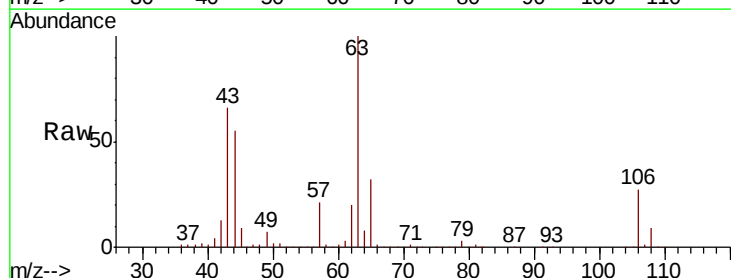
Acq: 06 Oct 2018 03:19

Tgt Ion: 63 Resp: 590422

Ion Ratio Lower Upper

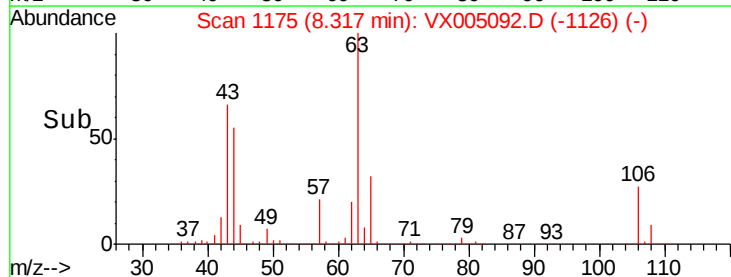
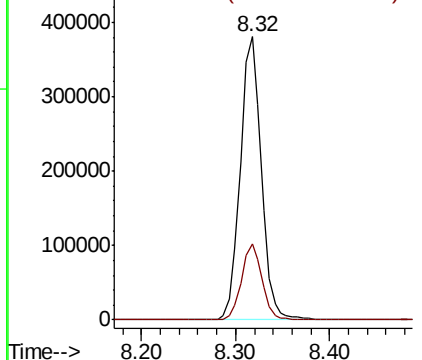
63 100

106 26.4 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





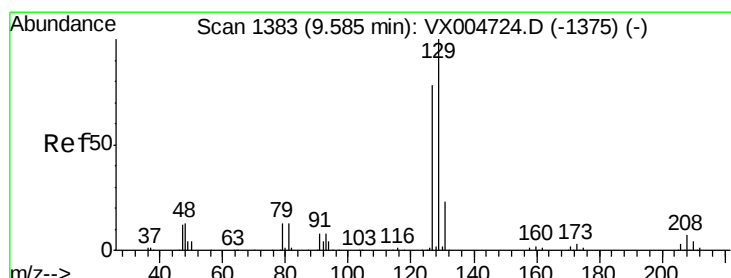
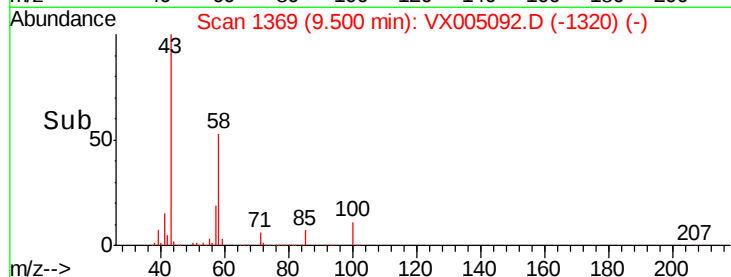
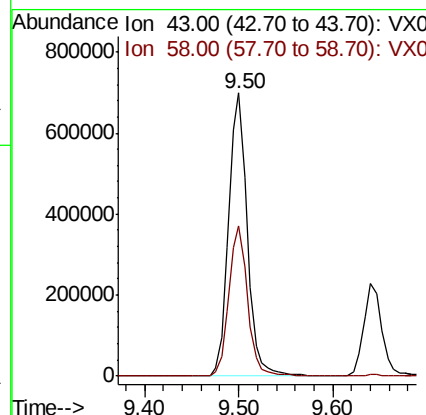
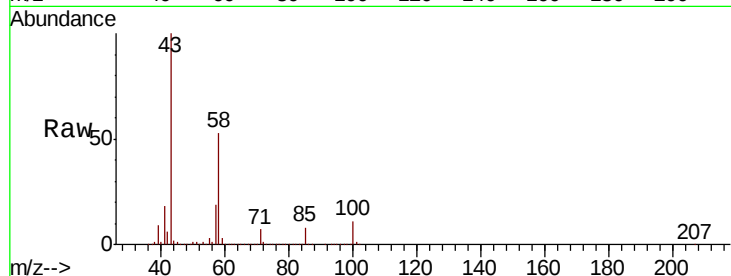
#59
2-Hexanone
Concen: 273.872 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	962519
Ion Ratio	100	Lower	Upper
43	100		
58	53.1	28.4	85.3

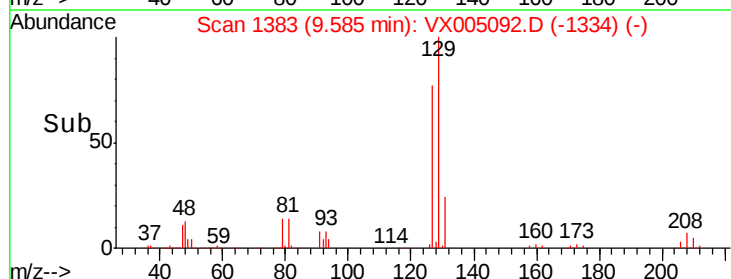
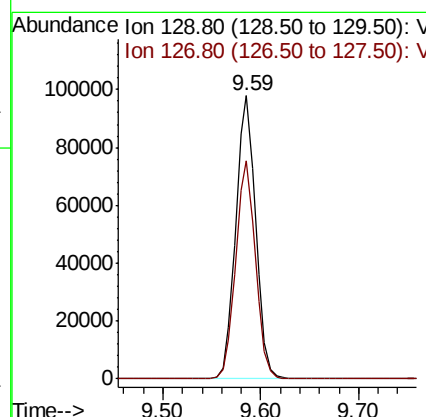
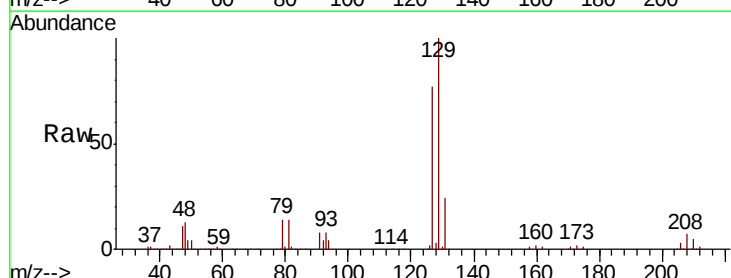
Manual Integrations
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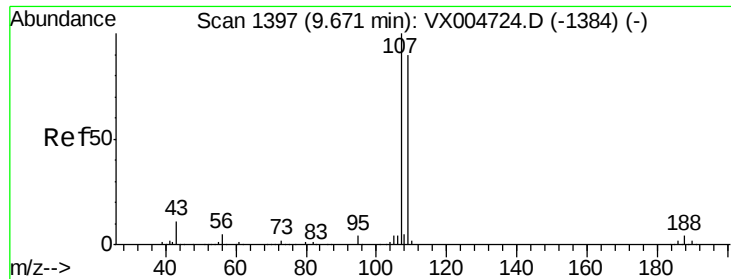
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#60
Dibromochloromethane
Concen: 52.406 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	129	Resp	138069
Ion Ratio	100	Lower	Upper
129	100		
127	76.5	39.1	117.2





#61

1,2-Dibromoethane

Concen: 48.954 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 138116

Ion Ratio Lower Upper

107 100

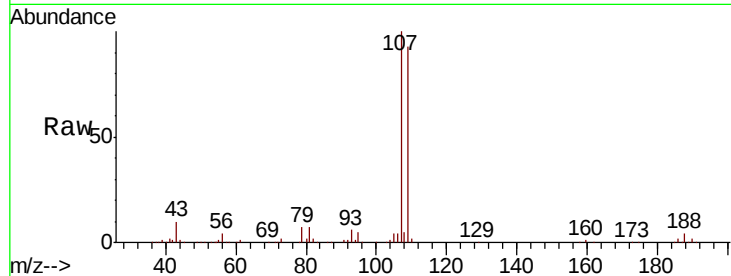
109 93.8 72.1 108.1

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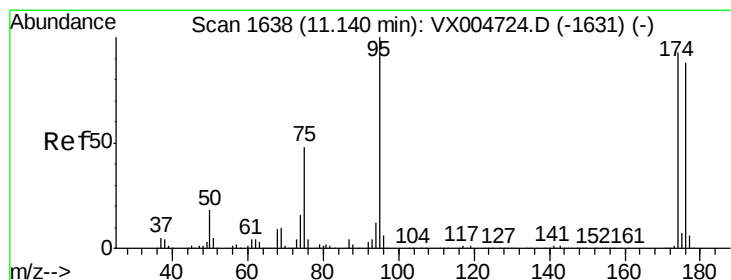
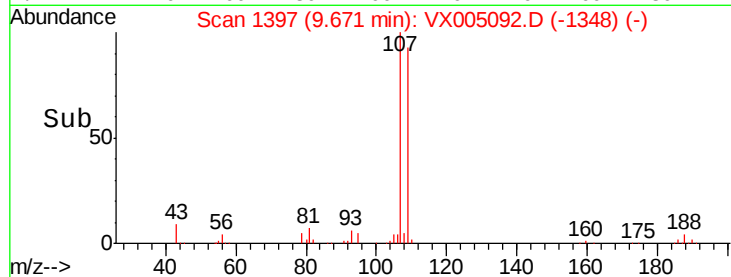
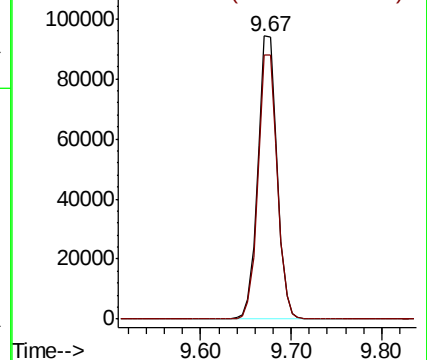
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.693 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

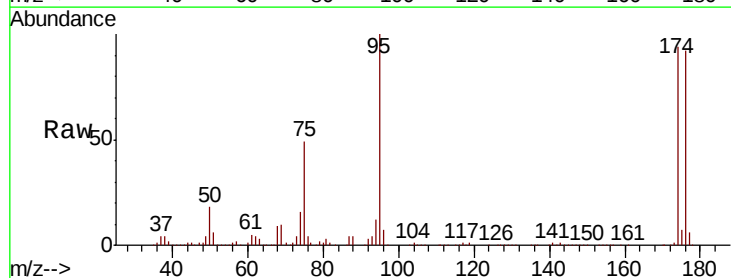
Tgt Ion: 95 Resp: 164779

Ion Ratio Lower Upper

95 100

174 90.5 0.0 185.0

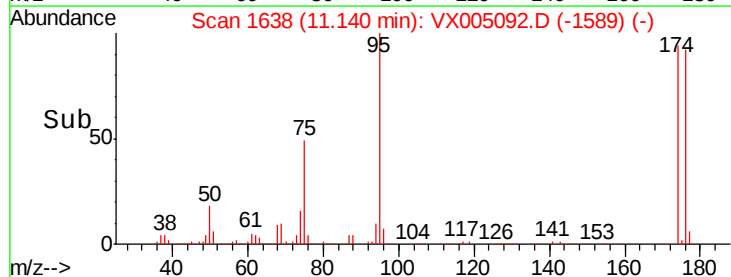
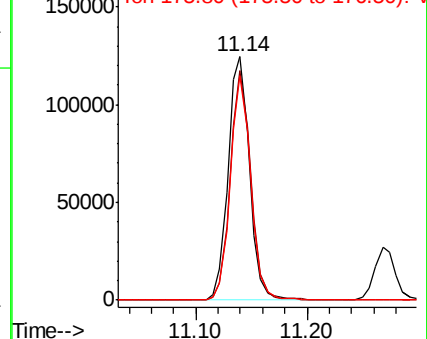
176 88.0 0.0 180.2



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





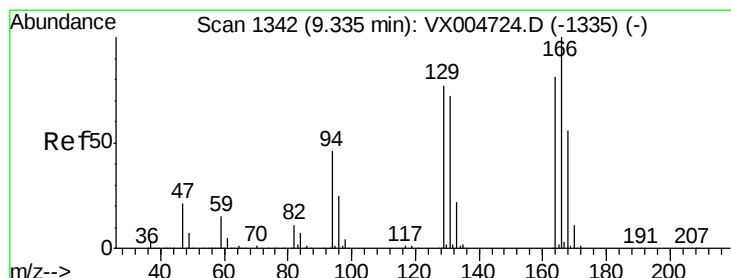
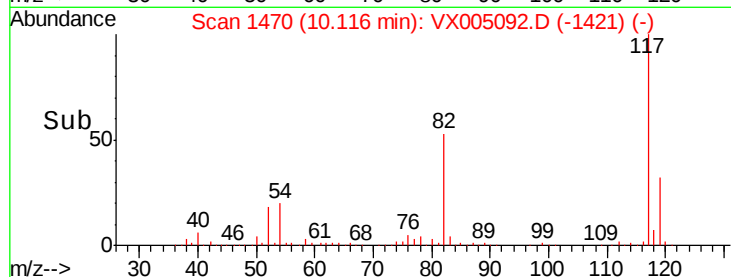
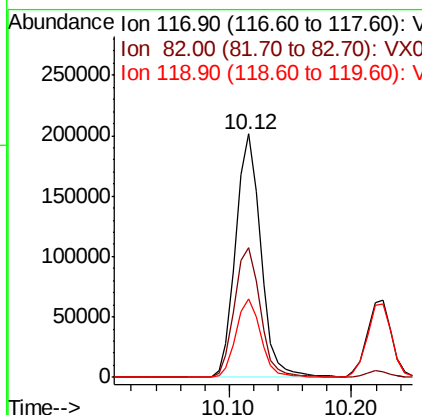
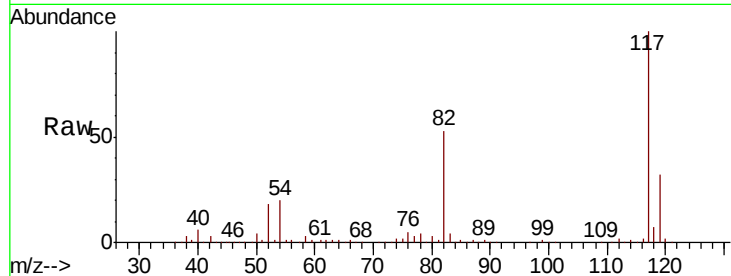
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.4
119	32.1	27.4	41.0

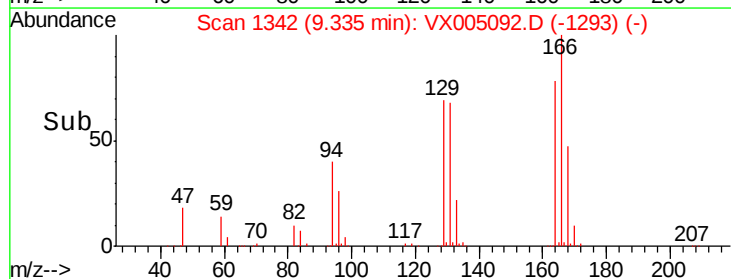
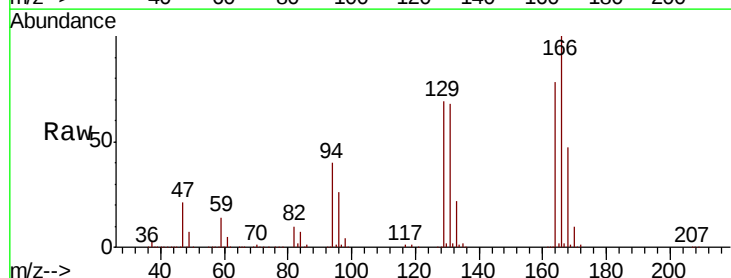
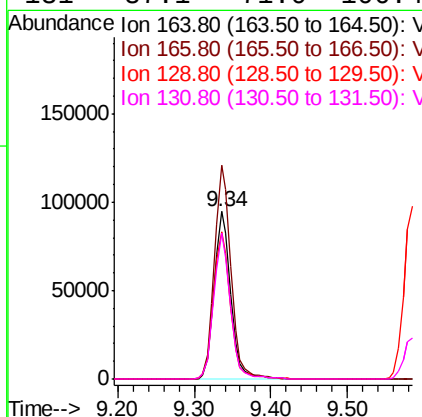
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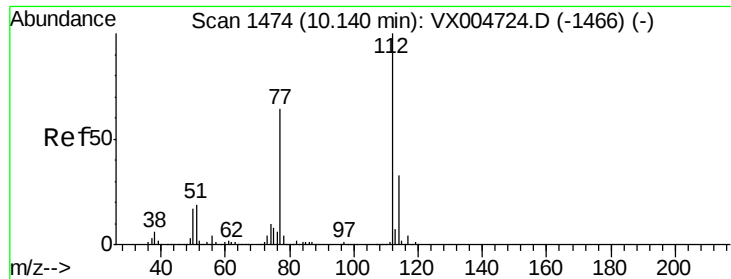
MMDadoda
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#64
Tetrachloroethene
Concen: 50.420 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	98.4	147.6
129	87.9	76.1	114.1
131	87.1	71.0	106.4





#65

Chlorobenzene

Concen: 48.520 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 355877

Ion Ratio Lower Upper

112 100

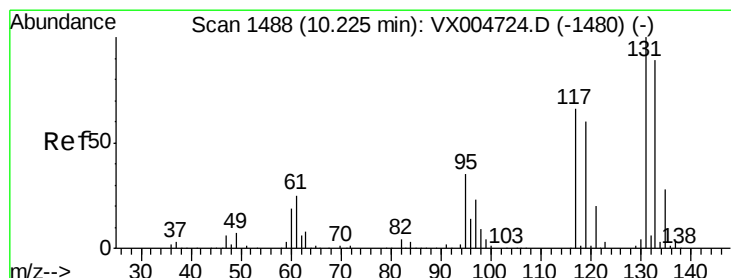
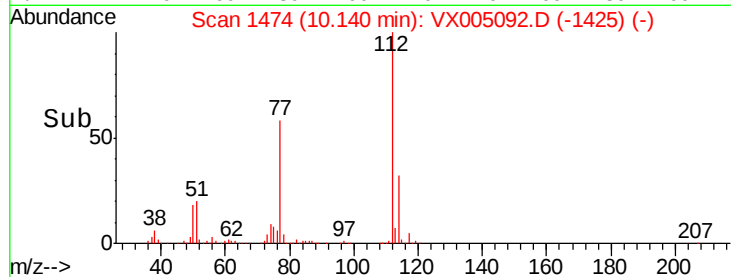
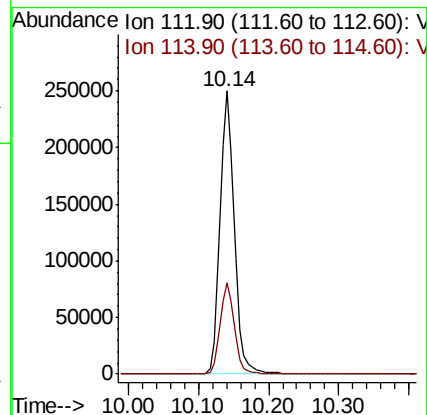
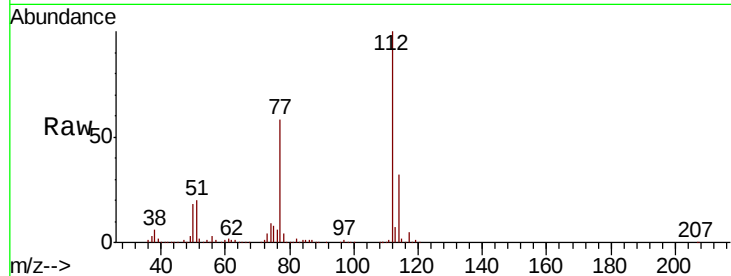
114 32.5 26.7 40.1

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.254 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

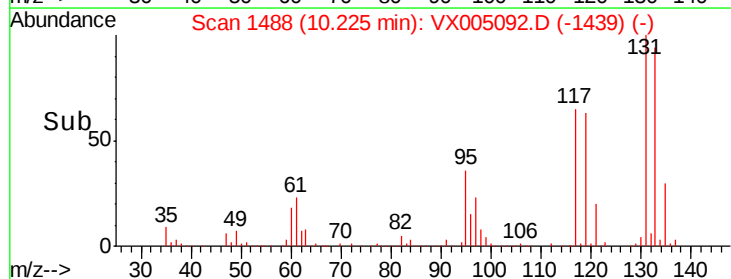
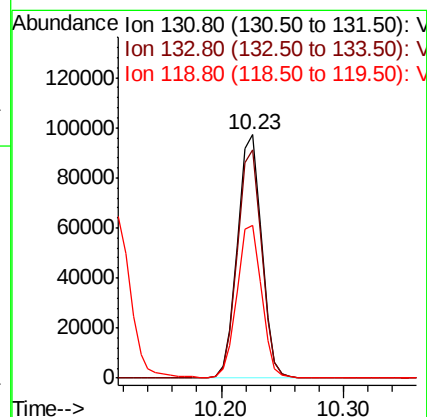
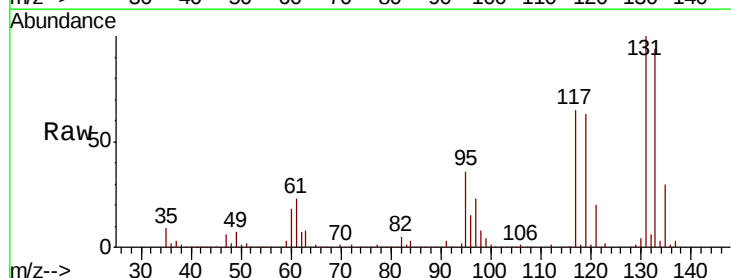
Tgt Ion:131 Resp: 132161

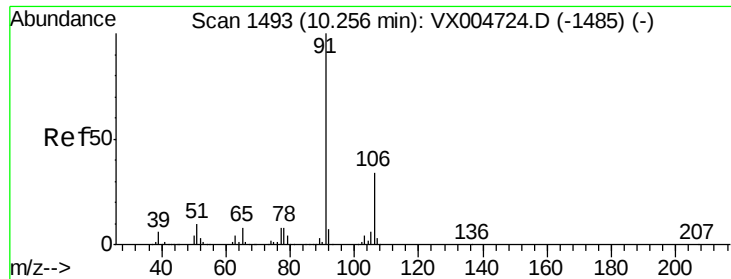
Ion Ratio Lower Upper

131 100

133 94.6 48.4 145.0

119 64.2 32.3 96.8





#67

Ethyl Benzene

Concen: 52.011 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 605649

Ion Ratio Lower Upper

91 100

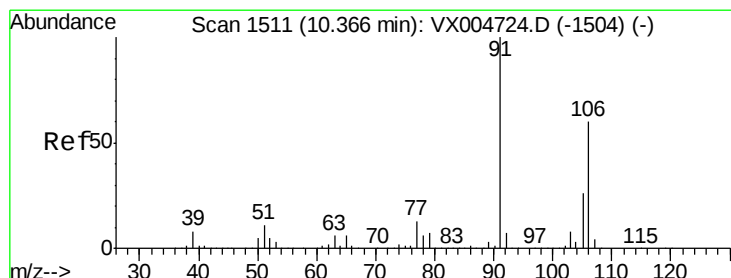
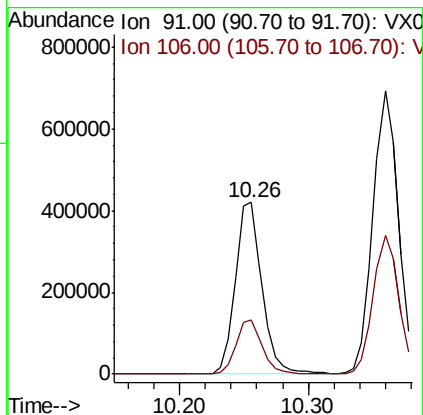
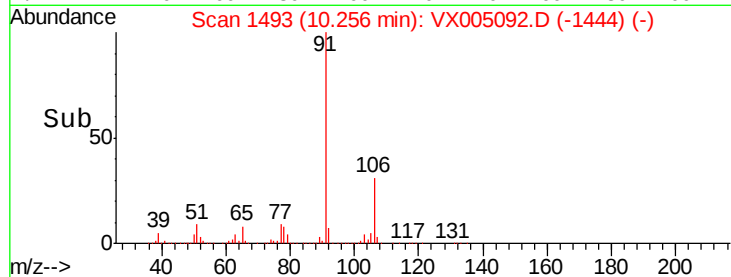
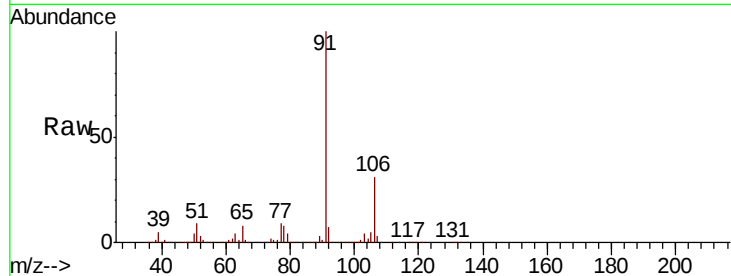
106 31.4 26.9 40.3

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#68

m/p-Xylenes

Concen: 104.165 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005092.D

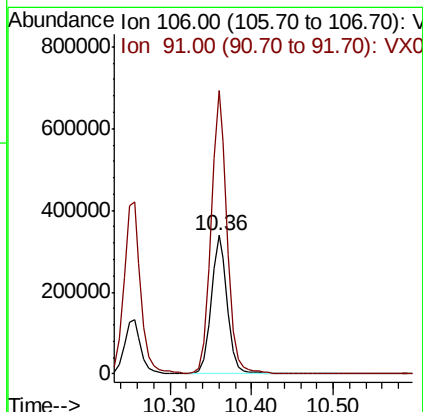
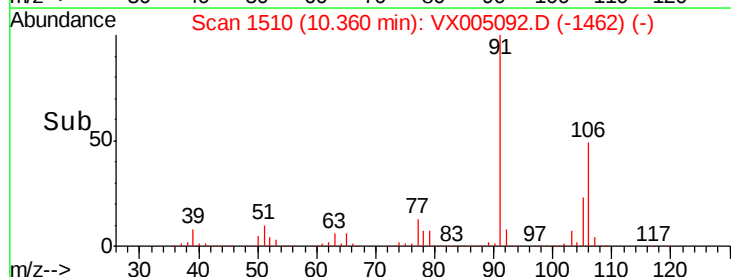
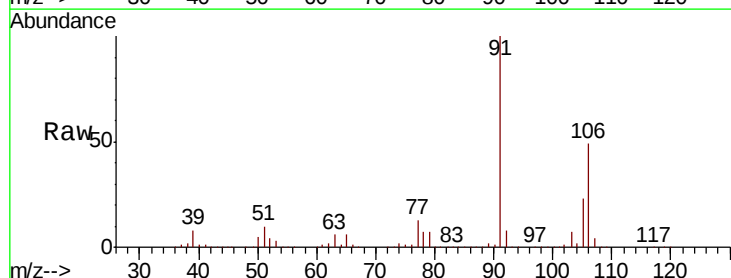
Acq: 06 Oct 2018 03:19

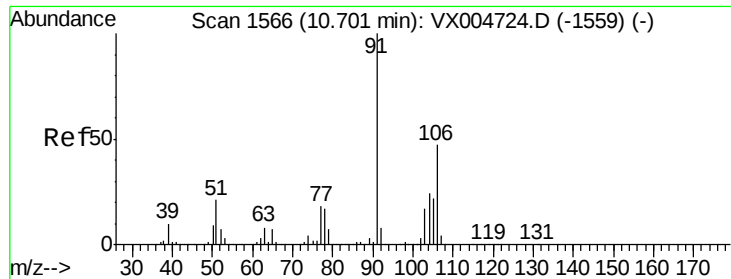
Tgt Ion: 106 Resp: 473993

Ion Ratio Lower Upper

106 100

91 203.5 157.5 236.3





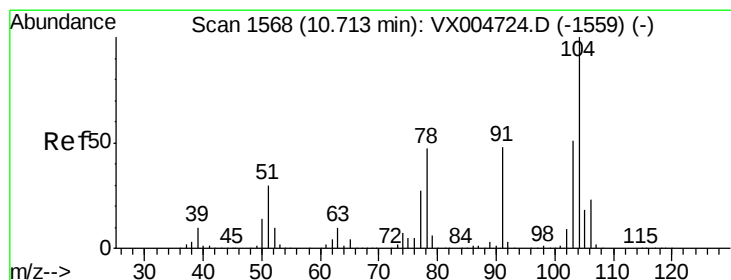
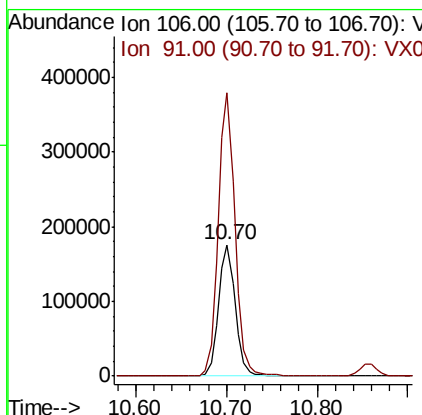
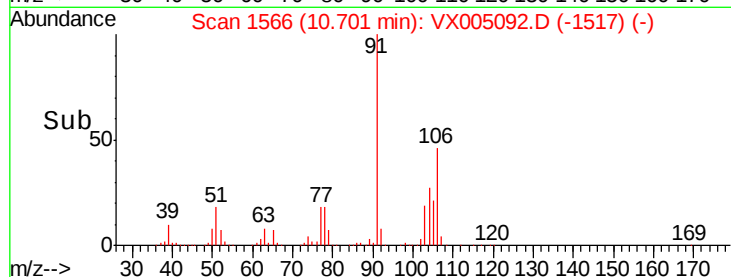
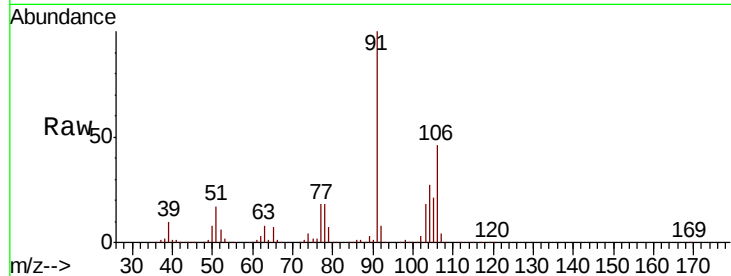
#69
o-Xylene
Concen: 54.672 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 228504
Ion Ratio Lower Upper
106 100
91 214.6 108.3 324.8

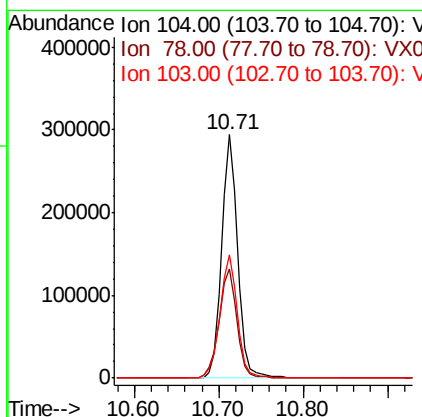
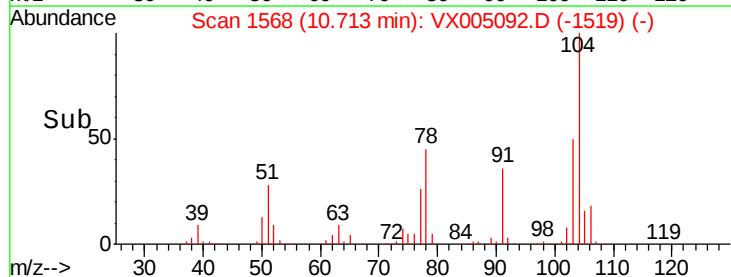
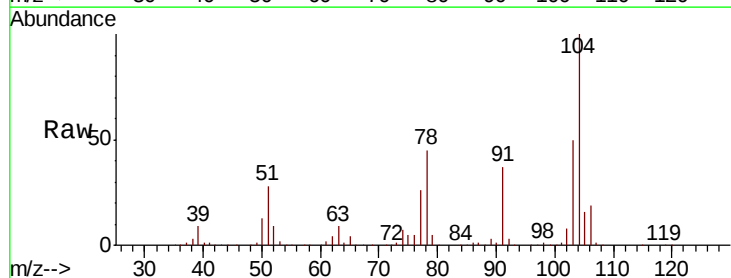
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#70
Styrene
Concen: 49.743 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion:104 Resp: 388747
Ion Ratio Lower Upper
104 100
78 50.1 40.0 60.0
103 55.1 44.3 66.5





#71

Bromoform

Concen: 51.915 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

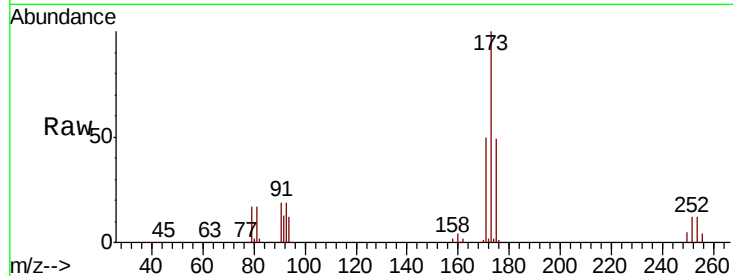
ClientSampleId :

VSTDCCC050

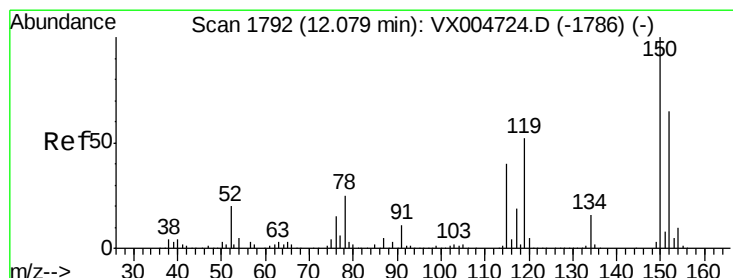
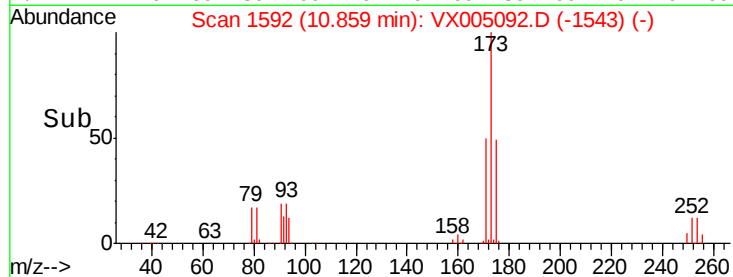
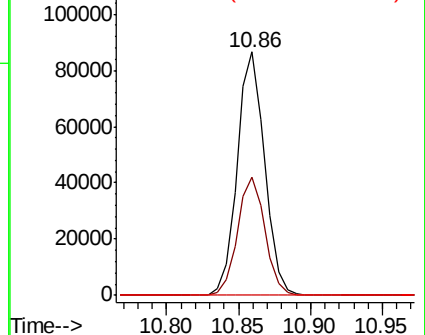
Tot Ion:	173	Resp:	114606
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.3	69.8
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

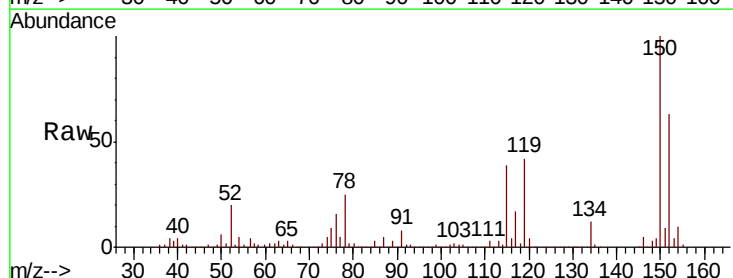
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

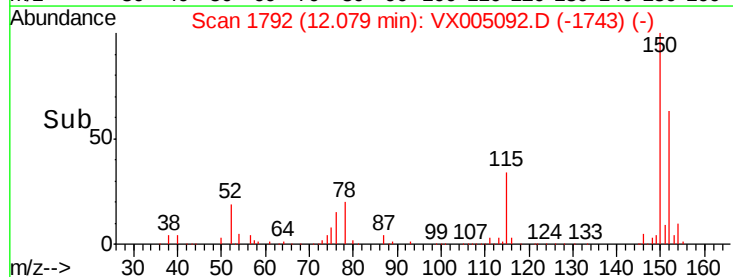
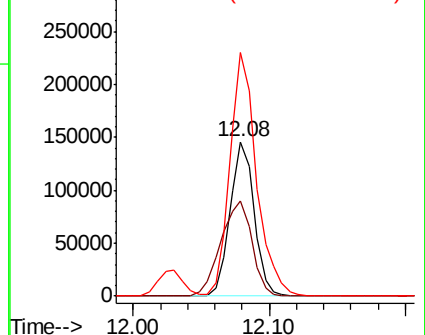
Lab File: VX005092.D

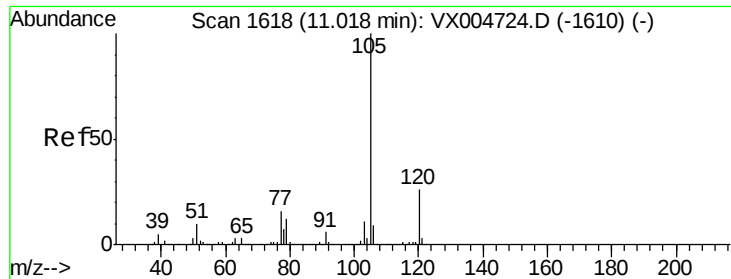
Acq: 06 Oct 2018 03:19

Tgt Ion:	152	Resp:	178893
Ion Ratio	Lower	Upper	
152	100		
115	79.8	40.2	120.6
150	174.7	0.0	351.0



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: 55.037 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 620595

Ion Ratio Lower Upper

105 100

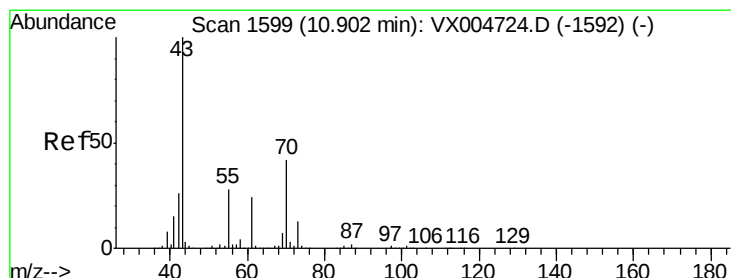
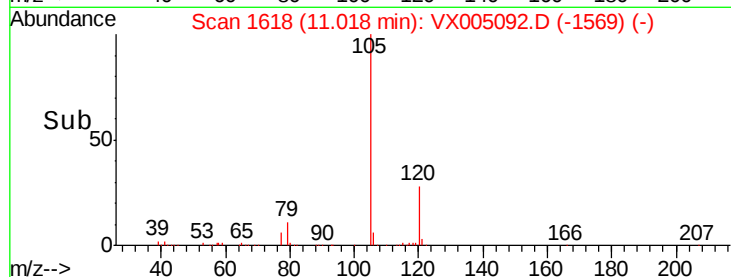
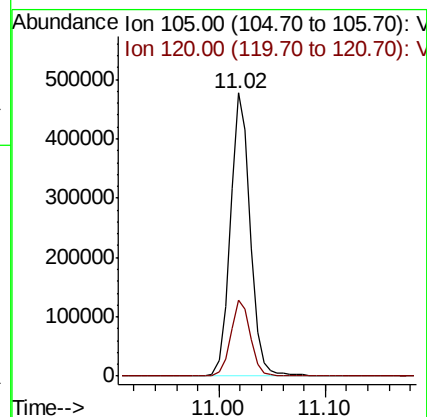
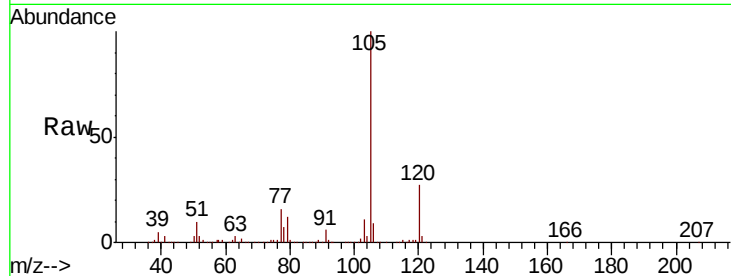
120 26.8 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.867 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Tgt Ion: 43 Resp: 302612

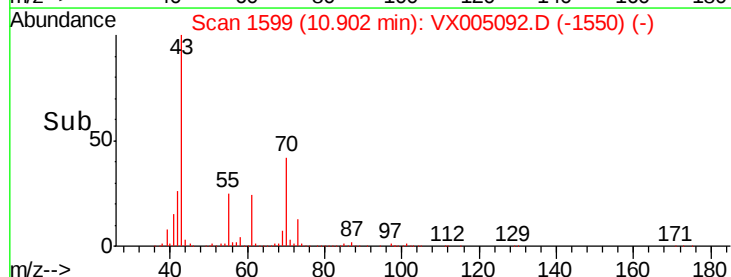
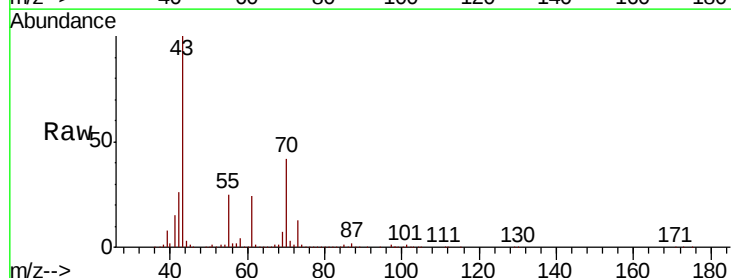
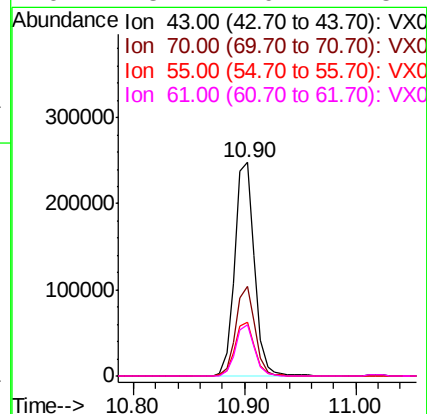
Ion Ratio Lower Upper

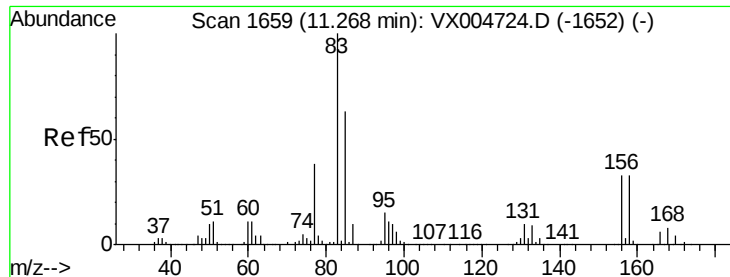
43 100

70 41.1 32.6 48.8

55 25.3 21.6 32.4

61 23.4 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.743 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

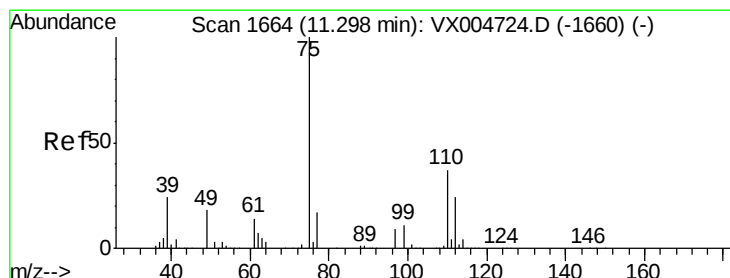
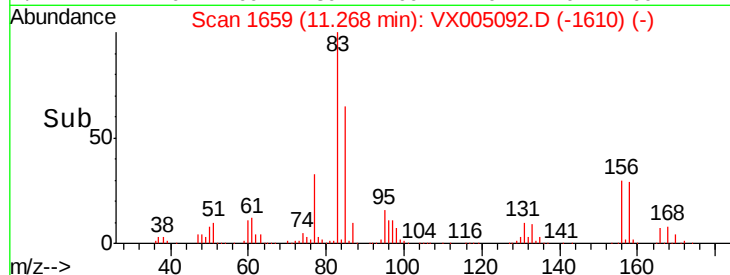
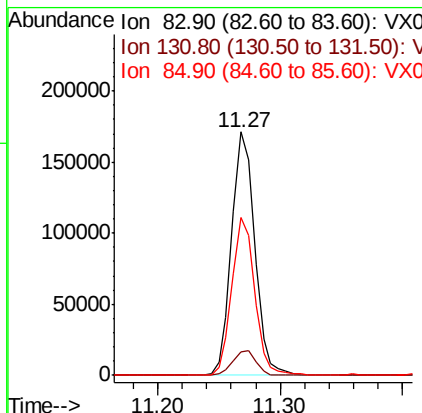
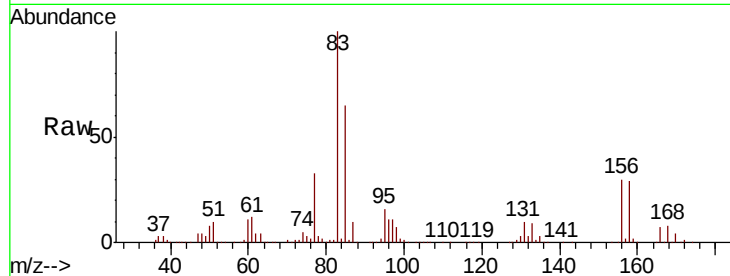
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	223731
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.2	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 51.009 ug/l m

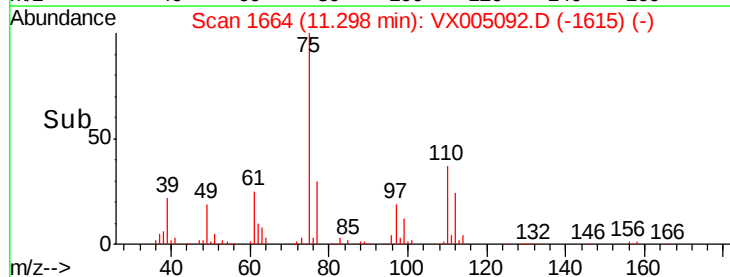
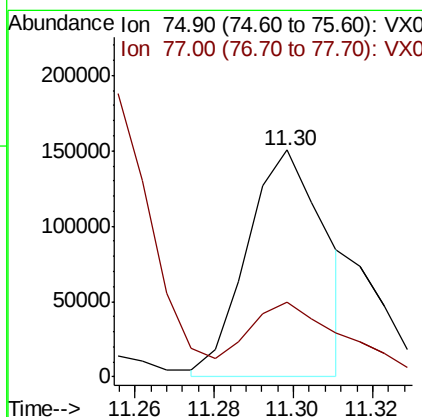
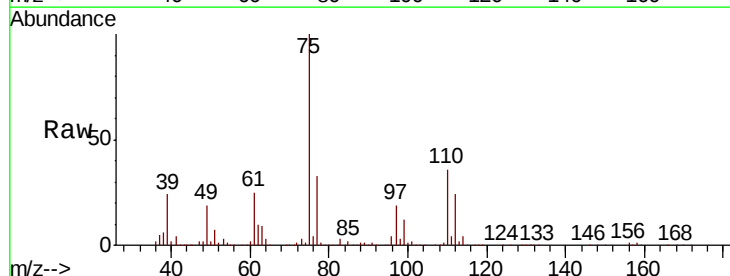
RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Tgt Ion:	75	Resp:	204528
Ion Ratio	Lower	Upper	
75	100		
77	41.2	21.4	64.3





#77

Bromobenzene

Concen: 50.864 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 166587

Ion Ratio Lower Upper

156 100

77 146.7 73.4 220.2

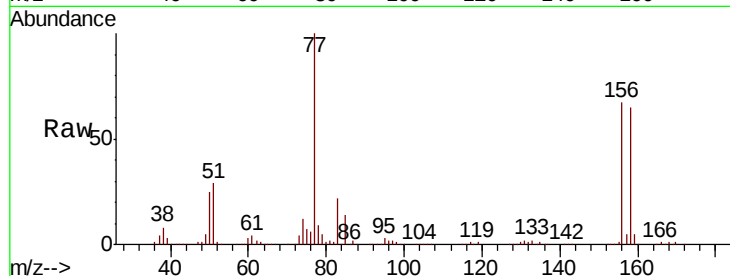
158 97.6 49.1 147.4

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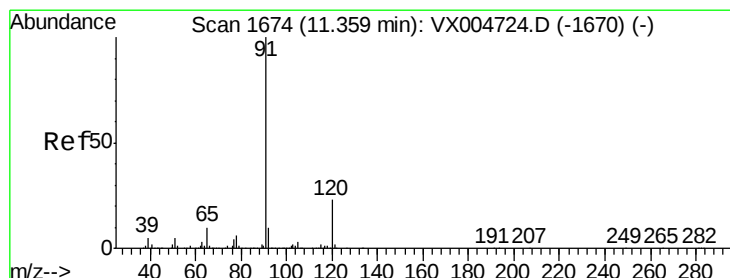
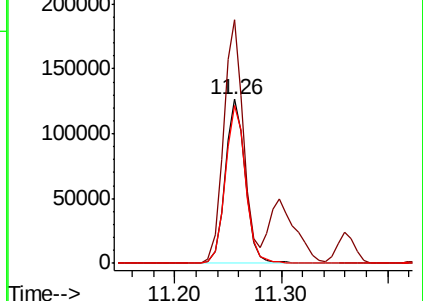
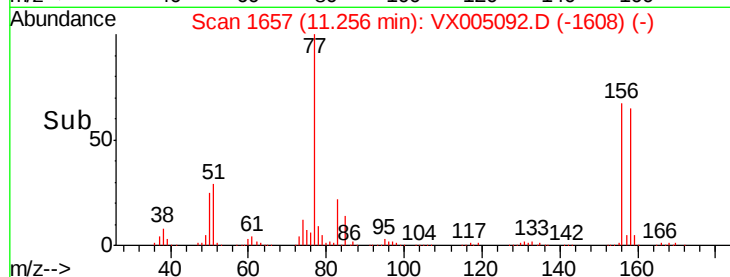
10/8/2018 2:02:42 PM



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: 55.299 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005092.D

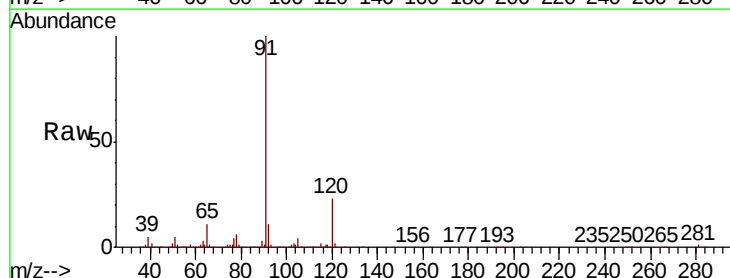
Acq: 06 Oct 2018 03:19

Tgt Ion: 91 Resp: 715448

Ion Ratio Lower Upper

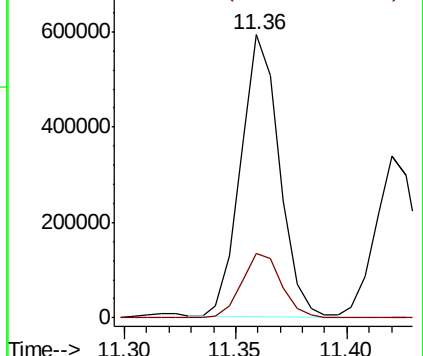
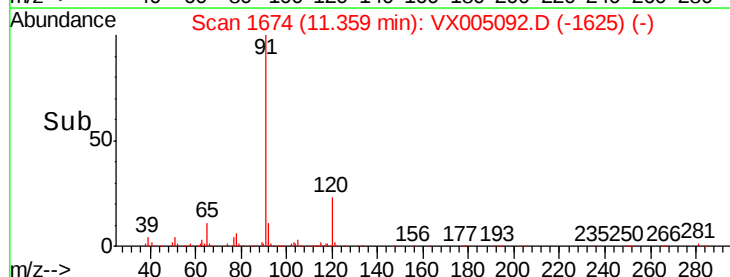
91 100

120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.288 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 429728

Ion Ratio Lower Upper

91 100

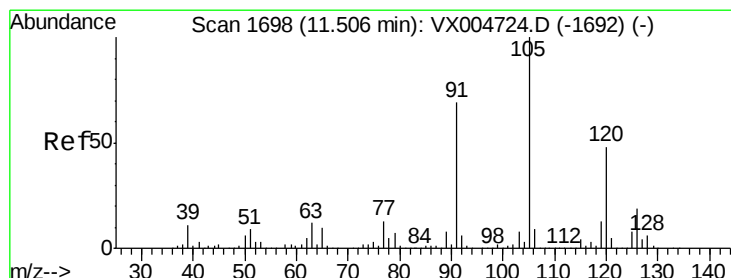
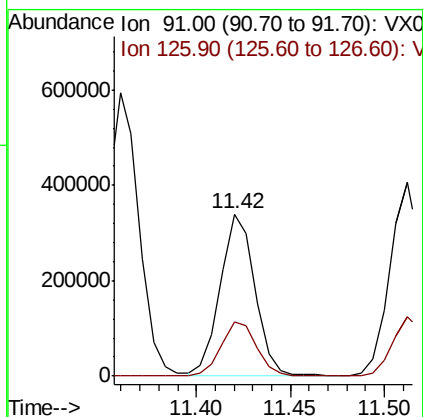
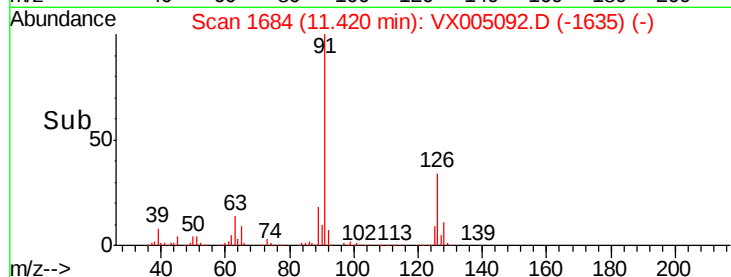
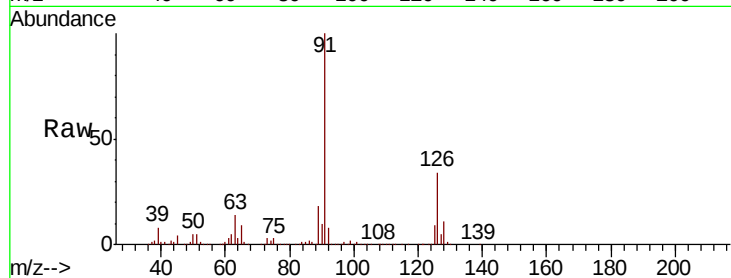
126 34.7 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.089 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005092.D

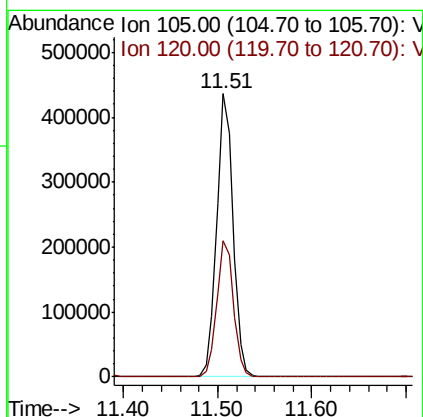
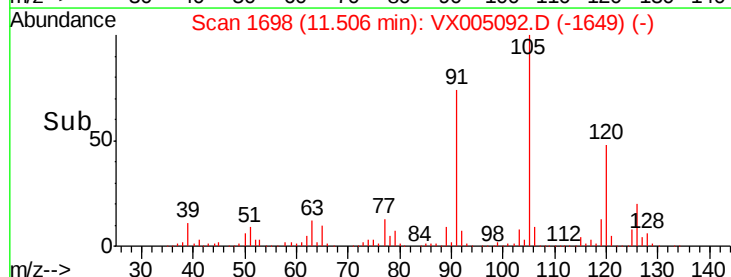
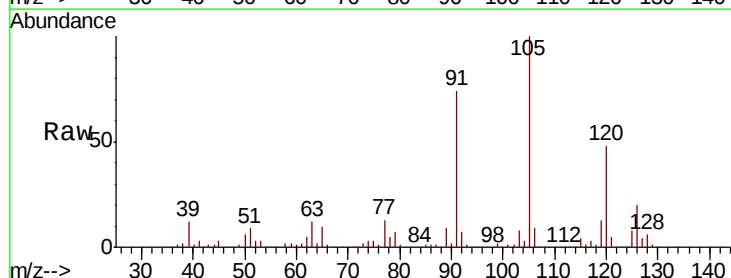
Acq: 06 Oct 2018 03:19

Tgt Ion: 105 Resp: 527952

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 39.982 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 58170

Ion Ratio Lower Upper

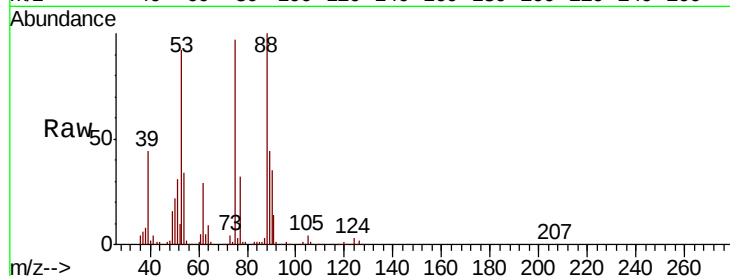
75 100

53 100.0 80.2 120.4

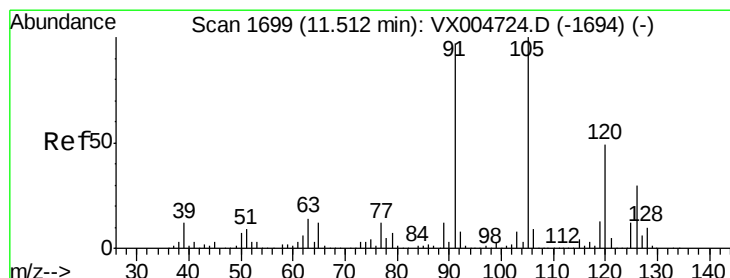
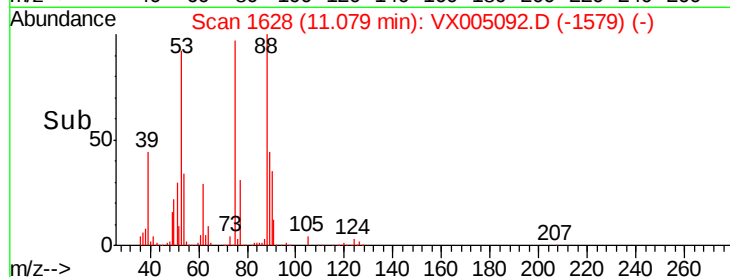
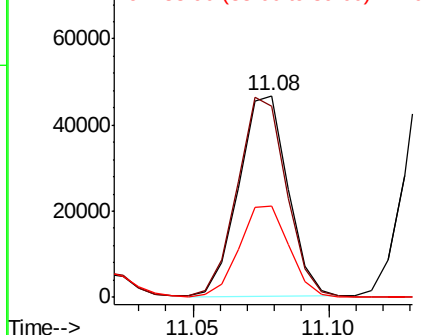
89 46.5 37.1 55.7

Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.437 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005092.D

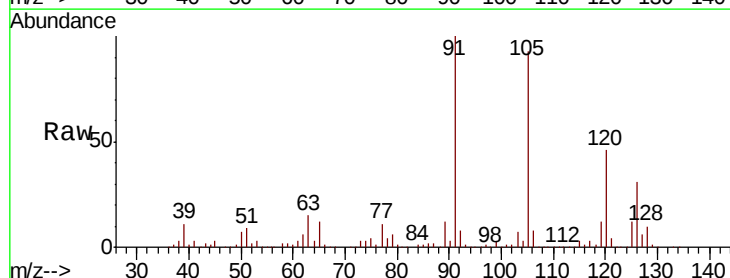
Acq: 06 Oct 2018 03:19

Tgt Ion: 91 Resp: 507224

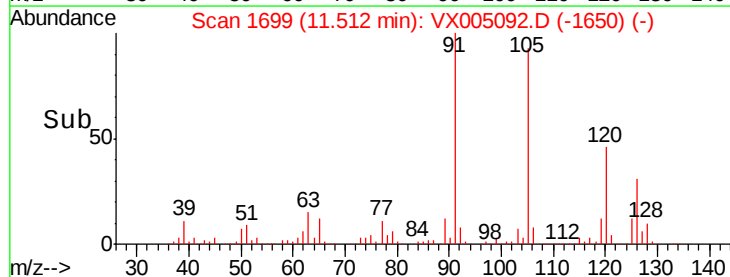
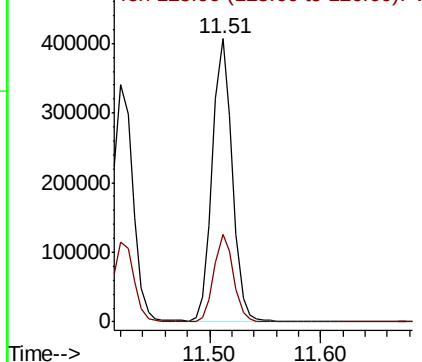
Ion Ratio Lower Upper

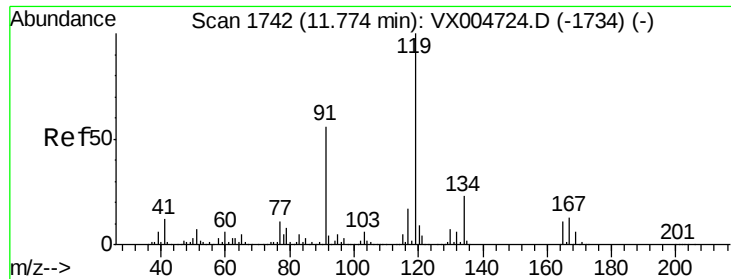
91 100

126 30.4 15.5 46.5



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





#83

tert-Butylbenzene

Concen: 56.863 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

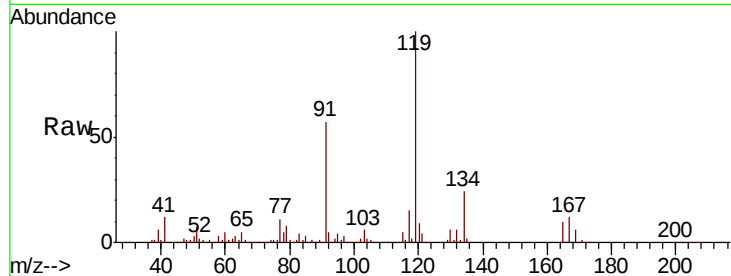
ClientSampled :

VSTDCCC050

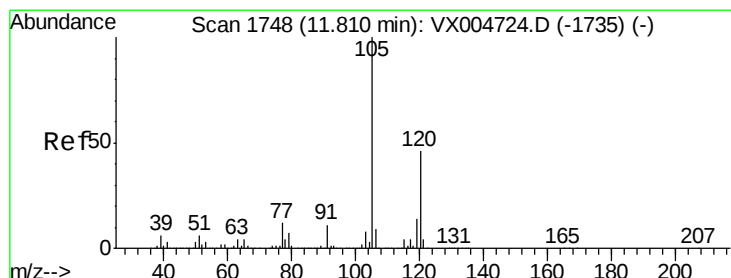
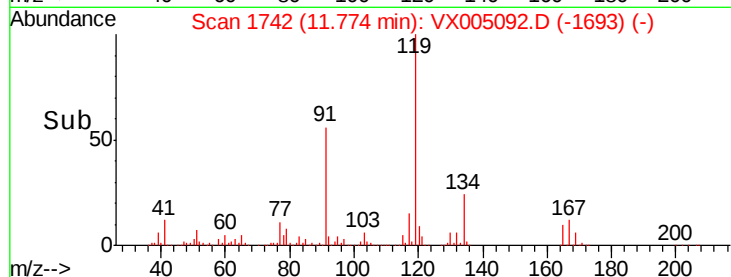
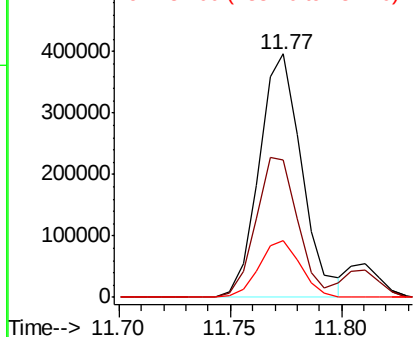
Tot Ion:	119	Resp:	527905
Ion Ratio	Lower	Upper	
119	100		
91	56.3	27.5	82.5
134	22.7	11.5	34.4

Manual Integrations
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.360 ug/l

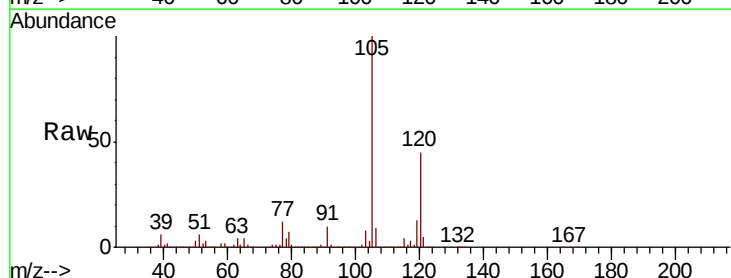
RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

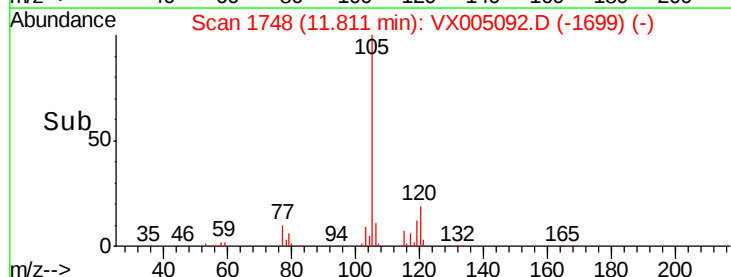
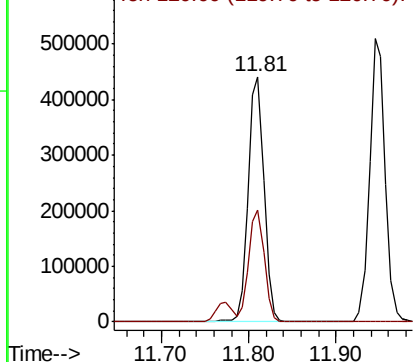
Lab File: VX005092.D

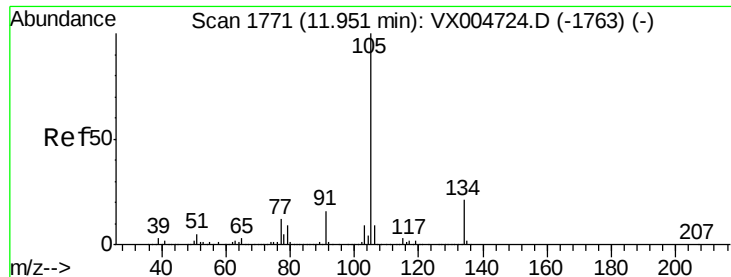
Acq: 06 Oct 2018 03:19

Tgt Ion:	105	Resp:	547330
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.8	68.3



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





#85

sec-Butylbenzene

Concen: 56.225 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 635788

Ion Ratio Lower Upper

105 100

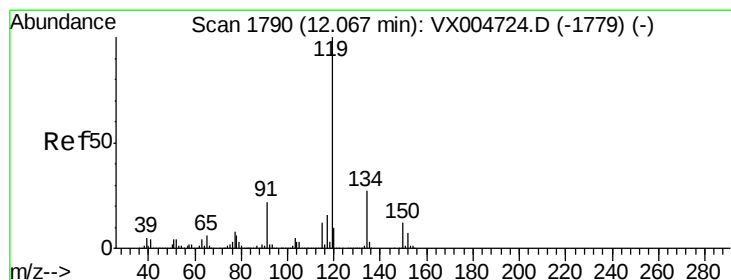
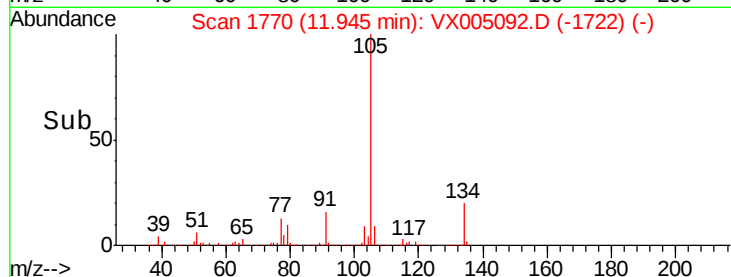
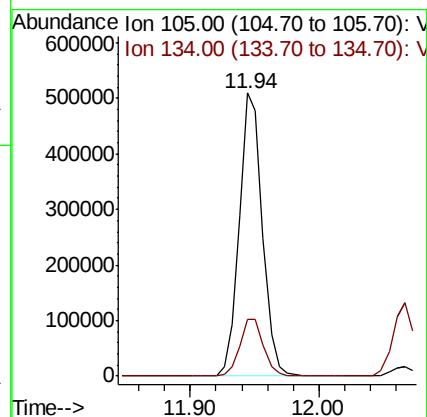
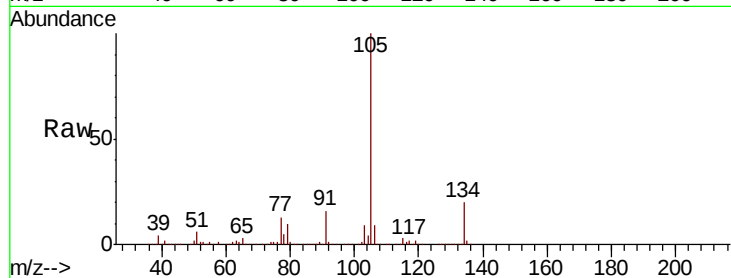
134 20.5 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 55.380 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005092.D

Acq: 06 Oct 2018 03:19

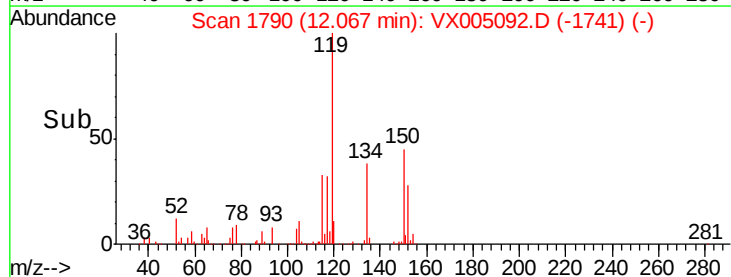
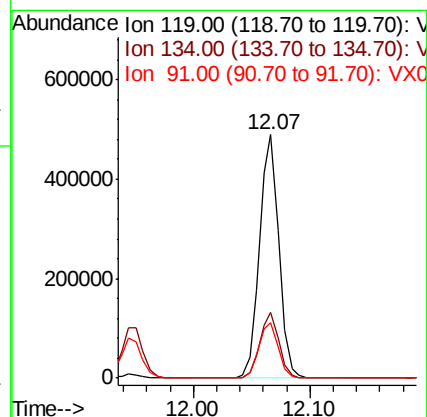
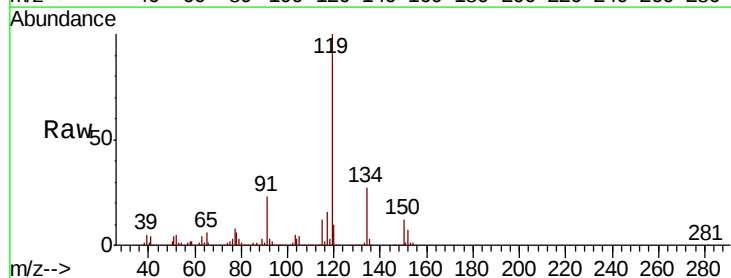
Tgt Ion:119 Resp: 567369

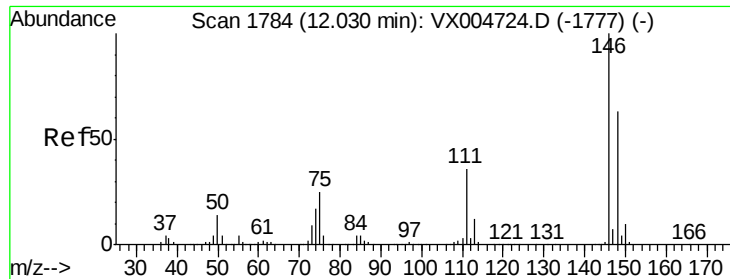
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 23.0 11.5 34.4





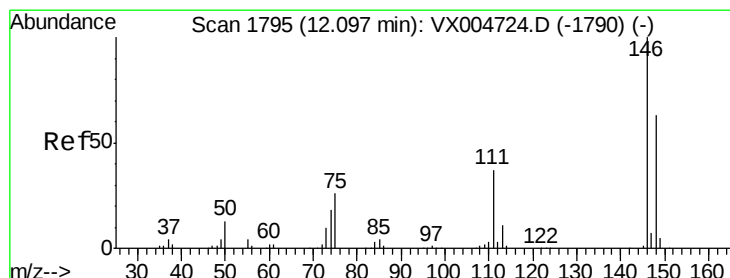
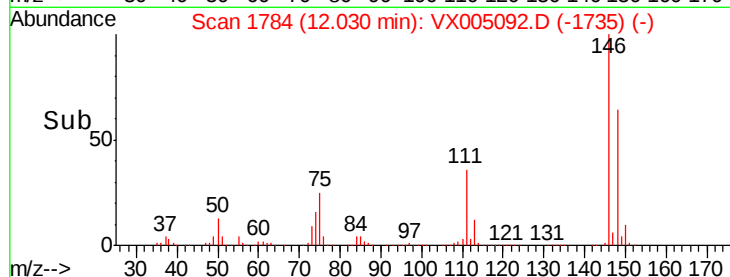
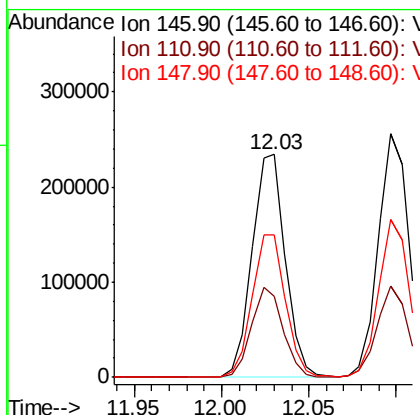
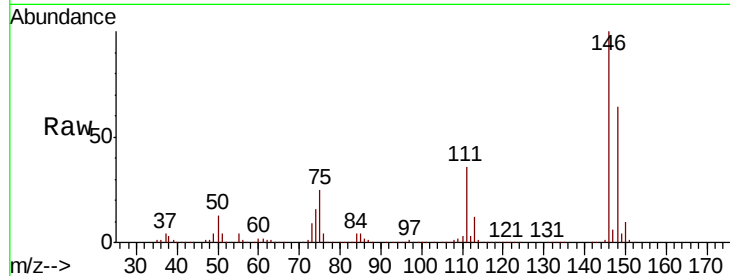
#87
 1,3-Dichlorobenzene
 Concen: 50.623 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	64.3	31.8	95.3

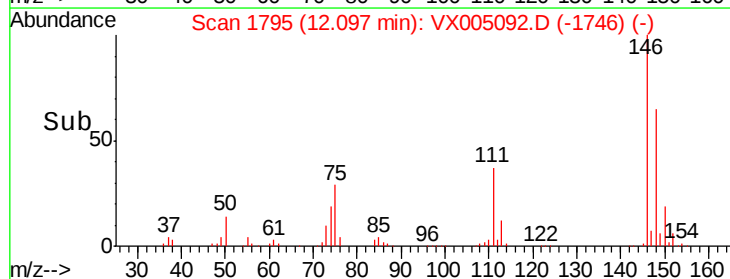
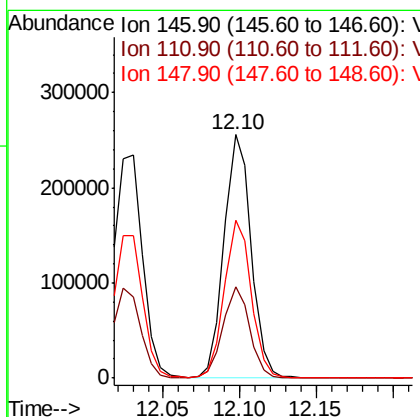
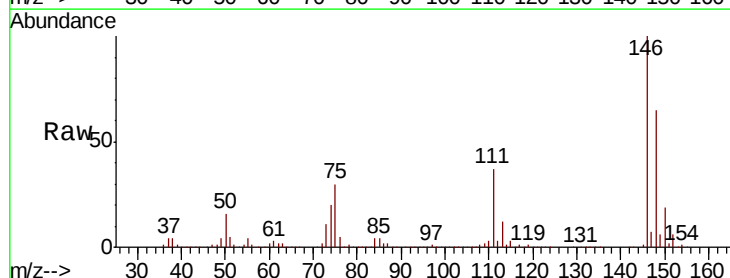
Manual Integrations
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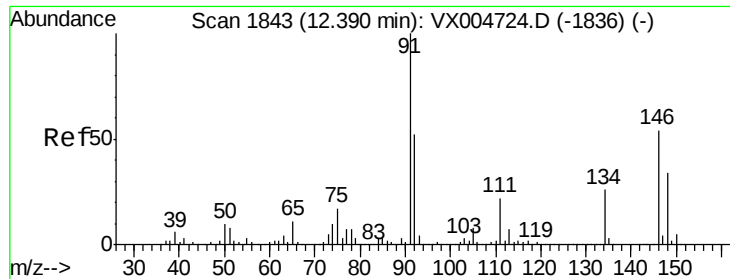
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#88
 1,4-Dichlorobenzene
 Concen: 49.741 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.2
148	64.5	32.0	96.0





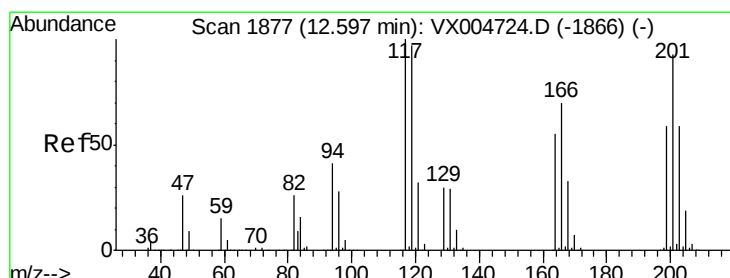
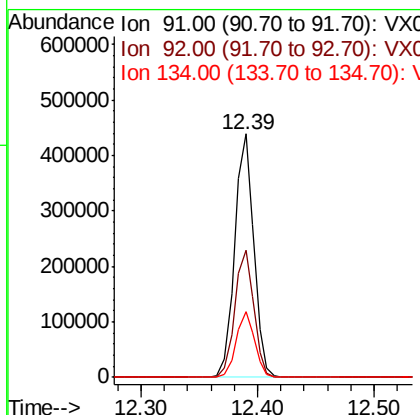
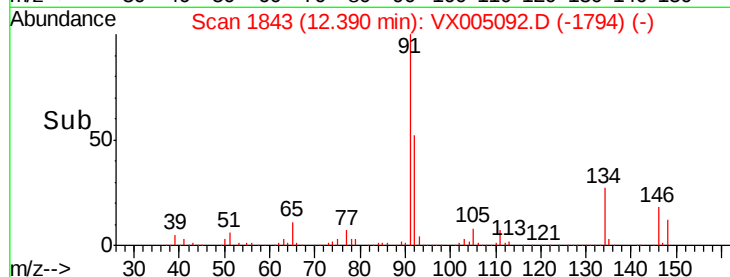
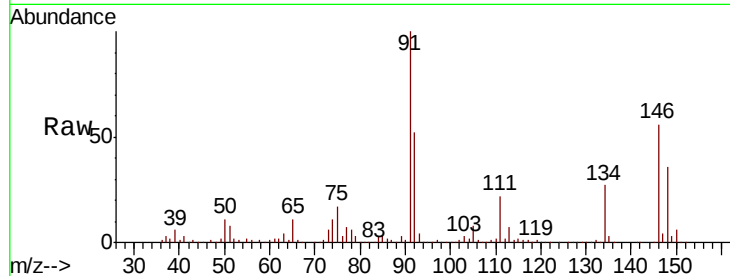
#89
n-Butylbenzene
Concen: 53.980 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	26.5	13.2	39.6

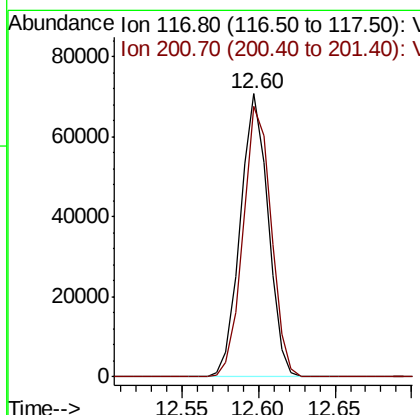
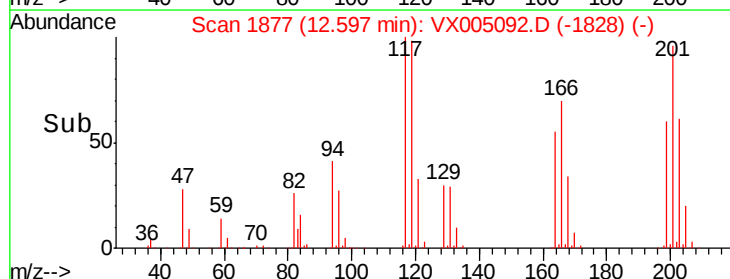
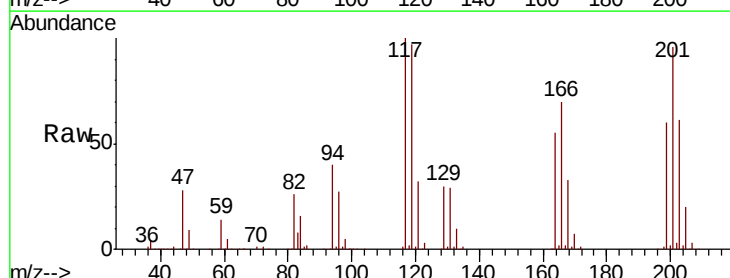
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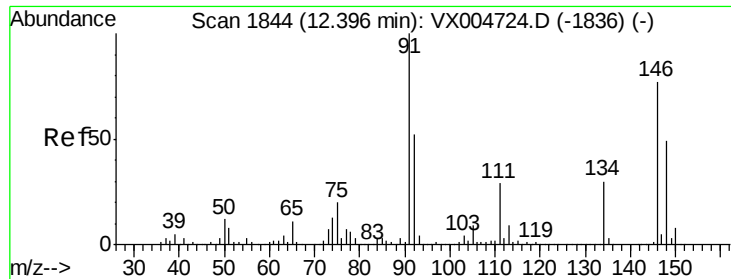
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#90
Hexachloroethane
Concen: 52.190 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.8	48.4	145.0





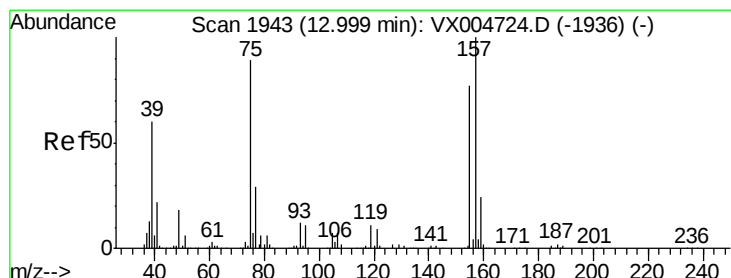
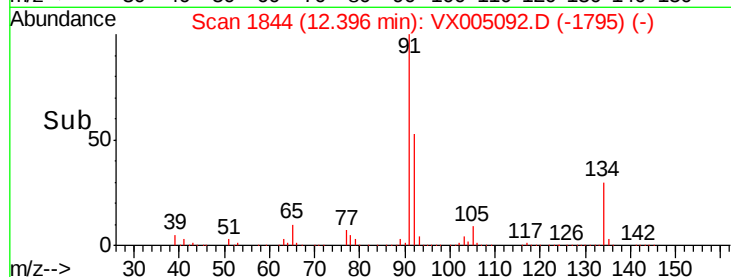
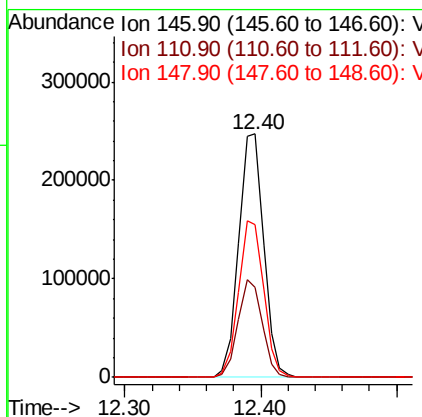
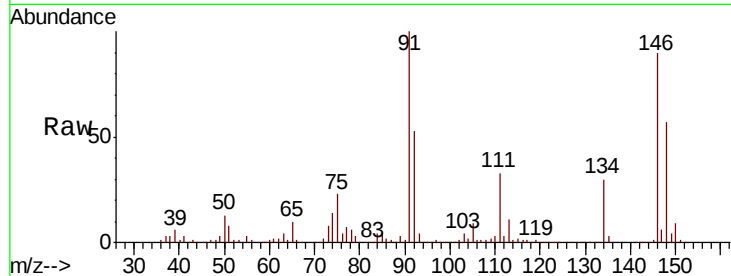
#91
 1,2-Dichlorobenzene
 Concen: 49.687 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.7
148	64.3	31.8	95.4

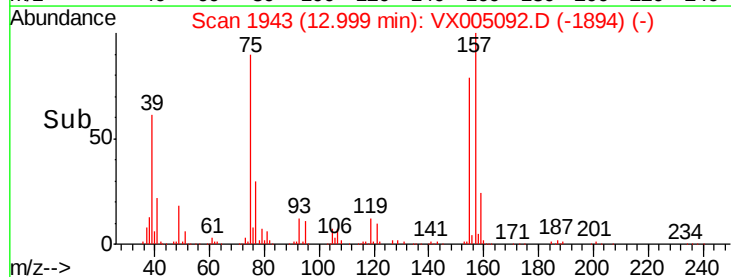
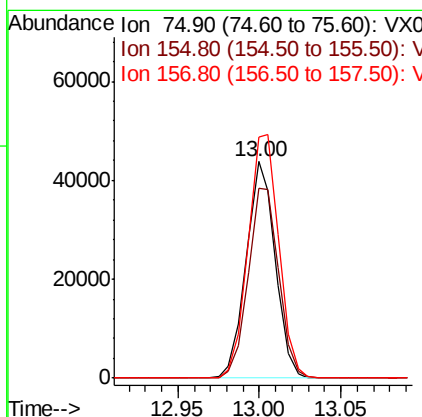
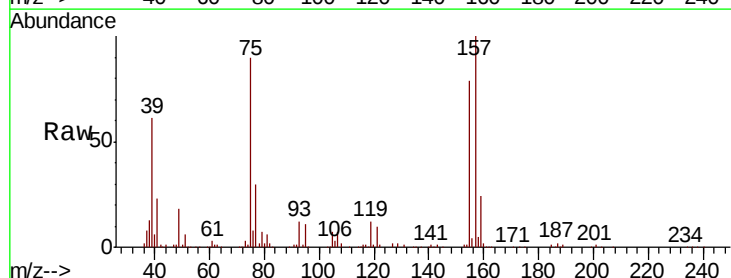
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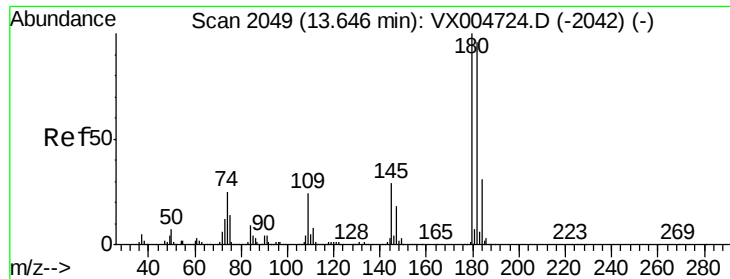
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.859 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	46.1	138.3
157	119.3	60.2	180.6





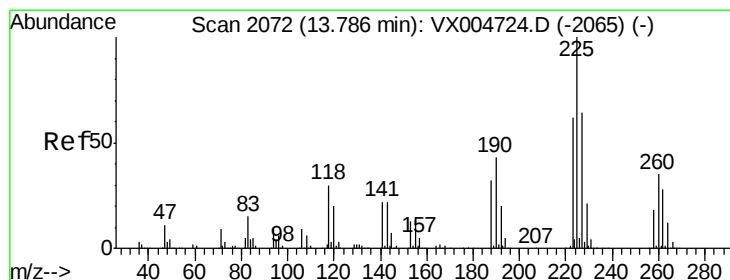
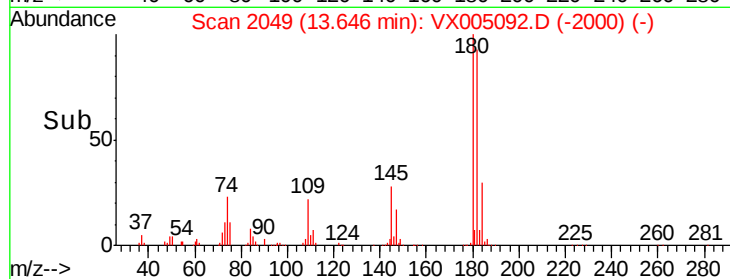
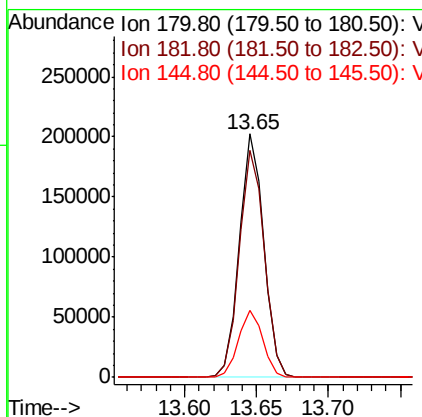
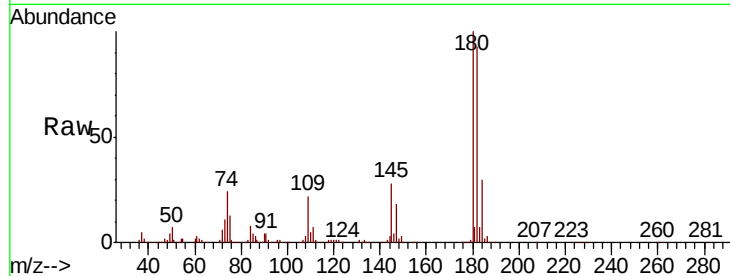
#93
 1,2,4-Trichlorobenzene
 Concen: 53.090 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	47.8	143.4
145	27.8	14.1	42.4

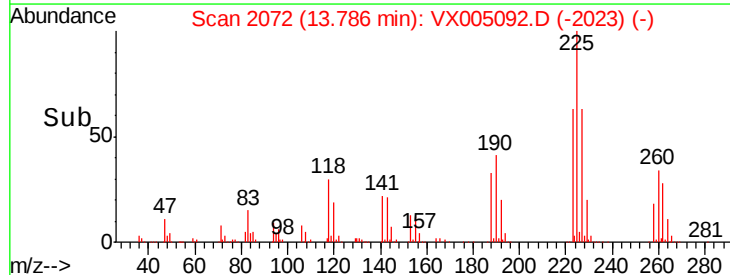
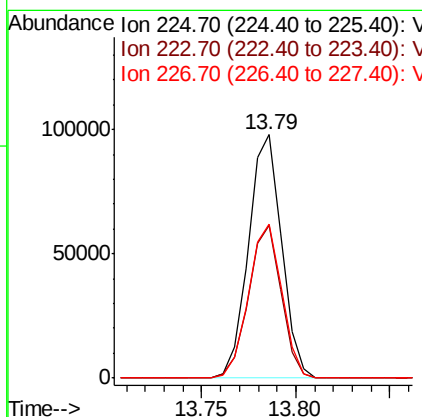
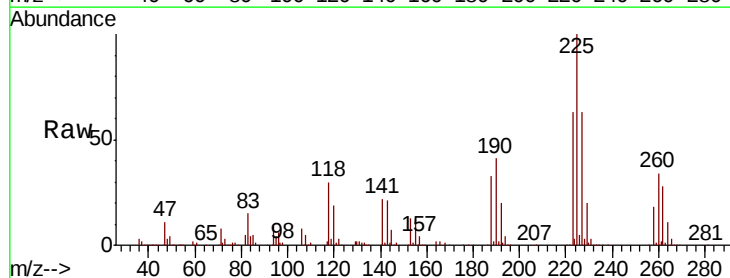
Manual Integrations
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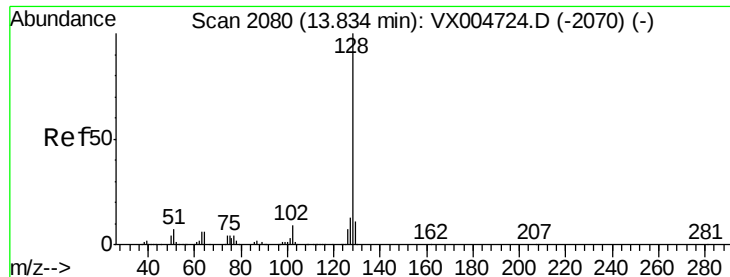
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#94
 Hexachlorobutadiene
 Concen: 51.315 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005092.D
 Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.9	31.3	93.8
227	63.5	31.9	95.5





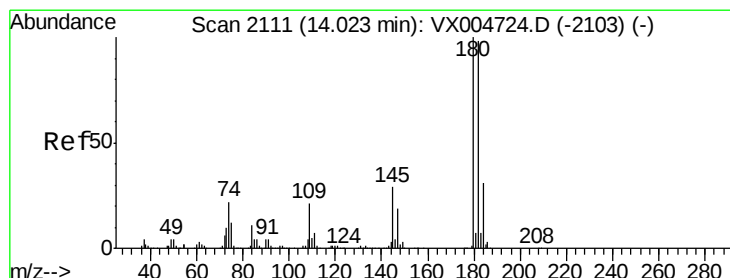
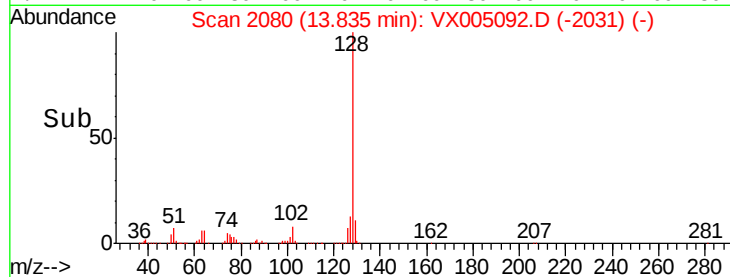
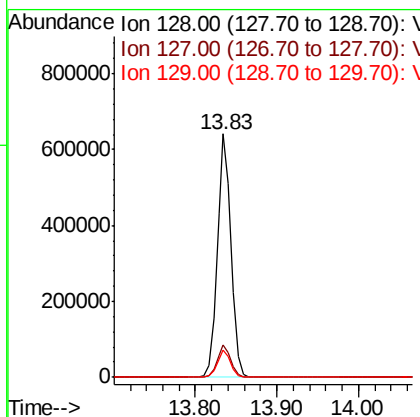
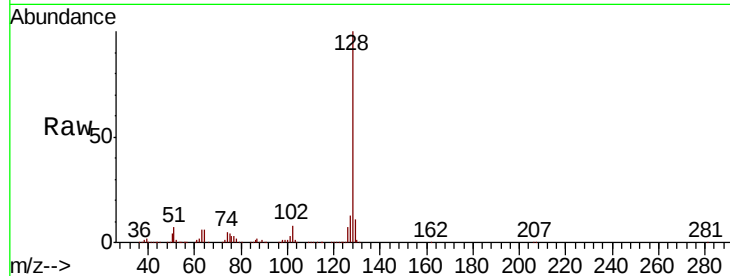
#95
Naphthalene
Concen: 50.918 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/8/2018 2:02:42 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.245 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005092.D
Acq: 06 Oct 2018 03:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.9	143.8
145	30.0	15.0	45.0

