

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005156.D
 Acq On : 09 Oct 2018 13:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 2:07:47 PM

Quant Time: Oct 10 06:40:04 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	5.66	168	226638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144697	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	5.50	113	119965	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
50) Toluene-d8	8.71	98	450240	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.14	95	170891	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	172430	55.800	ug/l	98
3) Chloromethane	1.32	50	182662	48.722	ug/l	99
4) Vinyl Chloride	1.40	62	181596	51.644	ug/l	98
5) Bromomethane	1.64	94	97463	46.742	ug/l	95
6) Chloroethane	1.71	64	103286	54.089	ug/l	96
7) Trichlorofluoromethane	1.92	101	233954	53.744	ug/l	94
8) Diethyl Ether	2.19	74	87773	46.413	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	130246	52.526	ug/l	99
10) Methyl Iodide	2.51	142	152063	45.827	ug/l	91
11) Tert butyl alcohol	3.07	59	214898	237.393	ug/l	99
12) 1,1-Dichloroethene	2.37	96	121459	49.460	ug/l	92
13) Acrolein	2.29	56	146193	226.981	ug/l	91
14) Allyl chloride	2.73	41	273281	51.003	ug/l	95
15) Acrylonitrile	3.15	53	482071	241.908	ug/l	96
16) Acetone	2.45	43	478008	252.897	ug/l	94
17) Carbon Disulfide	2.57	76	370590	50.222	ug/l	98
18) Methyl Acetate	2.78	43	240637	50.249	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	428858	50.629	ug/l	97
20) Methylene Chloride	2.85	84	137829	50.156	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	129745	48.265	ug/l	85
22) Diisopropyl ether	3.87	45	477680	52.943	ug/l	94
23) Vinyl Acetate	3.82	43	2192613	265.484	ug/l	98
24) 1,1-Dichloroethane	3.70	63	256656	47.687	ug/l	100
25) 2-Butanone	4.70	43	653829	234.675	ug/l	97
26) 2,2-Dichloropropane	4.58	77	192062	51.246	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	136068	45.309	ug/l	93
28) Bromochloromethane	5.01	49	112362	44.333	ug/l	99
29) Tetrahydrofuran	5.15	42	414515	239.373	ug/l	98
30) Chloroform	5.21	83	229222	45.064	ug/l	100
31) Cyclohexane	5.57	56	220391	53.502	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	200818	48.342	ug/l	95
36) 1,1-Dichloropropene	5.79	75	181014	49.648	ug/l	94
37) Ethyl Acetate	4.85	43	224778	46.445	ug/l	98
38) Carbon Tetrachloride	5.78	117	180371	47.063	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	218729	58.752	ug/l	86
40) Benzene	6.14	78	522408	45.768	ug/l	95
41) Methacrylonitrile	5.06	41	124341	46.328	ug/l	98
42) 1,2-Dichloroethane	6.20	62	185750	46.034	ug/l	97
43) Isopropyl Acetate	6.46	43	332232	47.562	ug/l	97
44) Trichloroethene	7.21	130	142610	50.823	ug/l	94
45) 1,2-Dichloropropane	7.51	63	145795	52.085	ug/l	100
46) Dibromomethane	7.66	93	89814	51.055	ug/l	100
47) Bromodichloromethane	7.90	83	173062	52.545	ug/l	100
48) Methyl methacrylate	7.77	41	176053	55.528	ug/l	99
49) 1,4-Dioxane	7.76	88	76823	975.308	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1186986	269.877	ug/l	99
52) Toluene	8.79	92	332381	52.995	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	199796	53.681	ug/l	92
54) cis-1,3-Dichloropropene	8.43	75	215295	55.226	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	134077	48.803	ug/l	95
56) Ethyl methacrylate	9.18	69	212834	47.869	ug/l	97
57) 1,3-Dichloropropane	9.37	76	226687	49.576	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	578577	244.730	ug/l	100
59) 2-Hexanone	9.49	43	971628	265.100	ug/l	95
60) Dibromochloromethane	9.59	129	140812	51.250	ug/l	99
61) 1,2-Dibromoethane	9.67	107	140133	47.628	ug/l	95
64) Tetrachloroethene	9.34	164	142350	48.052	ug/l	96
65) Chlorobenzene	10.14	112	369713	47.901	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	131951	48.629	ug/l	99
67) Ethyl Benzene	10.25	91	637292	52.008	ug/l	95
68) m/p-Xylenes	10.36	106	499401	104.294	ug/l	96
69) o-Xylene	10.70	106	237665	54.038	ug/l	99
70) Styrene	10.71	104	400856	48.786	ug/l	100
71) Bromoform	10.86	173	116289	50.059	ug/l	97
73) Isopropylbenzene	11.02	105	651411	53.593	ug/l	100
74) N-amyl acetate	10.90	43	303069	45.527	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	219149	44.292	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	209874m	48.558	ug/l	
77) Bromobenzene	11.26	156	170754	48.366	ug/l	99
78) n-propylbenzene	11.36	91	764358	54.808	ug/l	99
79) 2-Chlorotoluene	11.42	91	442843	50.943	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	561663	50.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	65752	41.829	ug/l	98
82) 4-Chlorotoluene	11.51	91	528492	51.652	ug/l	99
83) tert-Butylbenzene	11.77	119	551716	55.131	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	577644	50.281	ug/l	99
85) sec-Butylbenzene	11.94	105	675932	55.453	ug/l	100
86) p-Isopropyltoluene	12.07	119	614221	55.618	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	320411	48.604	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	325671	47.856	ug/l	99
89) n-Butylbenzene	12.39	91	555061	55.342	ug/l	100
90) Hexachloroethane	12.60	117	94832	51.575	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	319808	46.421	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54216	49.905	ug/l	99

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	246674	51.042	ug/l	99
94) Hexachlorobutadiene	13.79	225	131016	52.280	ug/l	100
95) Naphthalene	13.83	128	755938	47.169	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251312	50.340	ug/l	100

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

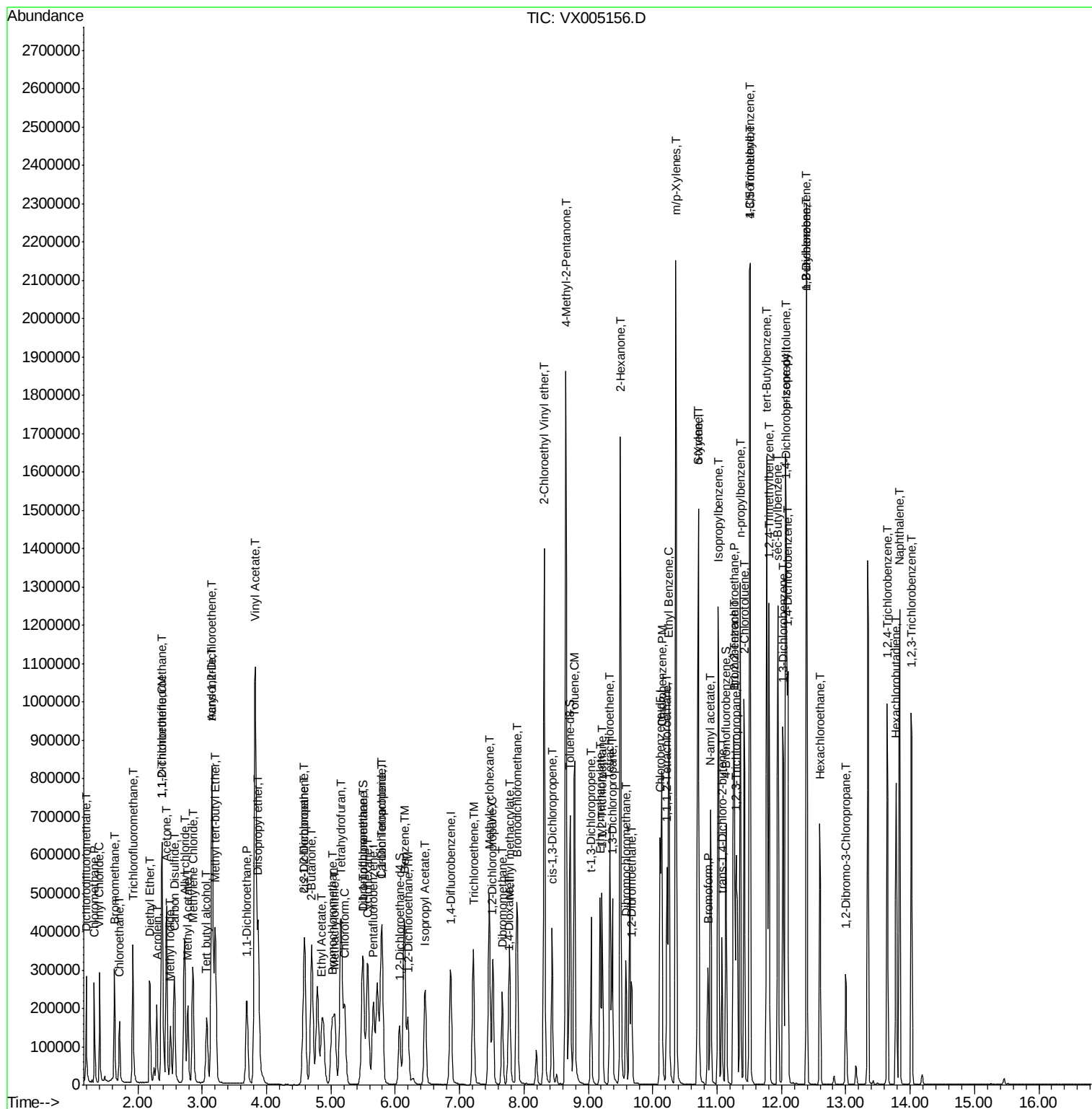
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Data File : VX005156.D
Acq On : 09 Oct 2018 13:58
Operator : JC/MD
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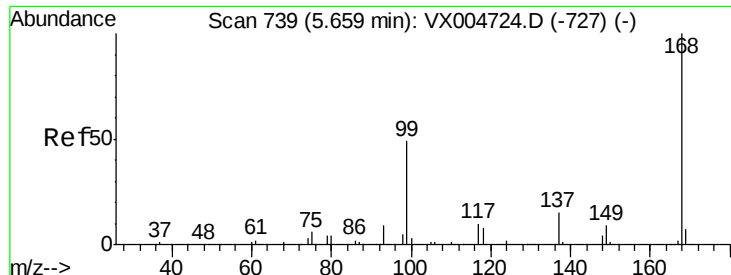
Instrument :
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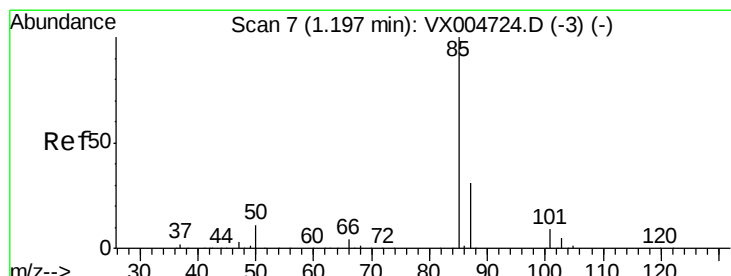
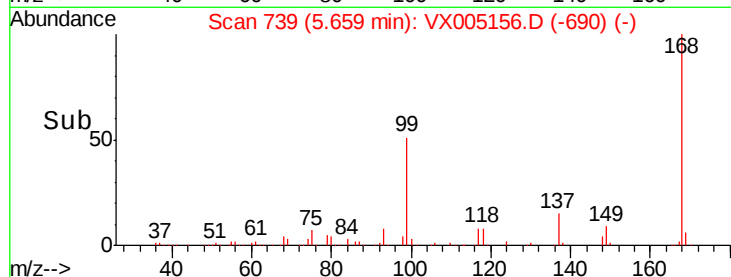
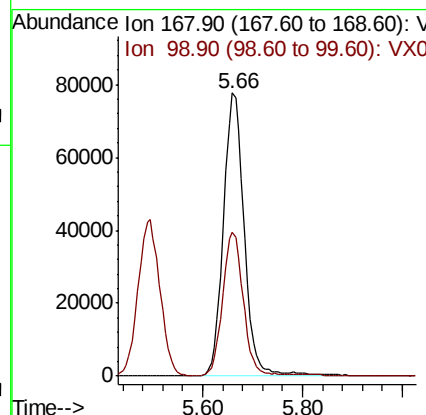
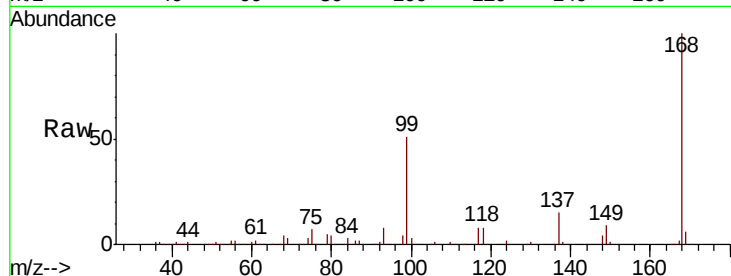
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.6	39.3	58.9

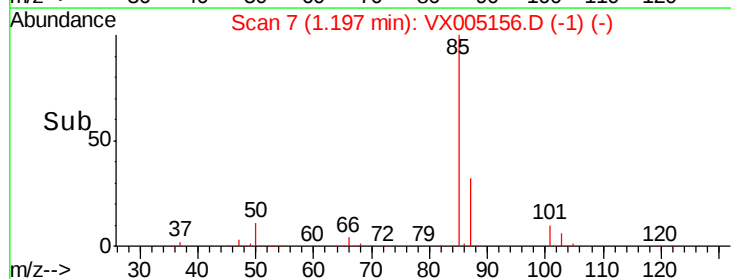
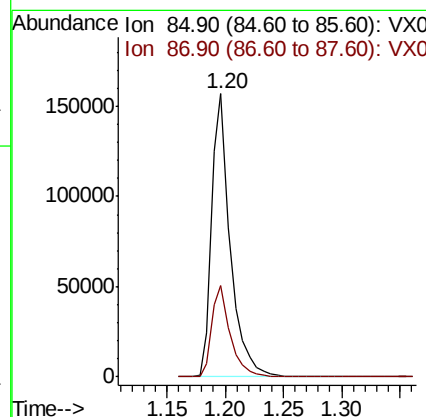
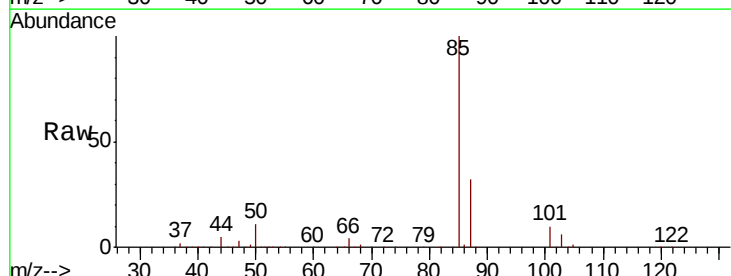
Manual Integrations
APPROVED

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10/10/2018 2:07:47 PM



#2
Dichlorodifluoromethane
Concen: 55.800 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.7	47.1





#3

Chloromethane

Concen: 48.722 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 182662

Ion Ratio Lower Upper

50 100

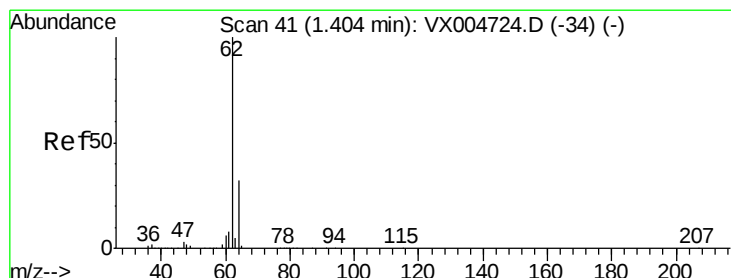
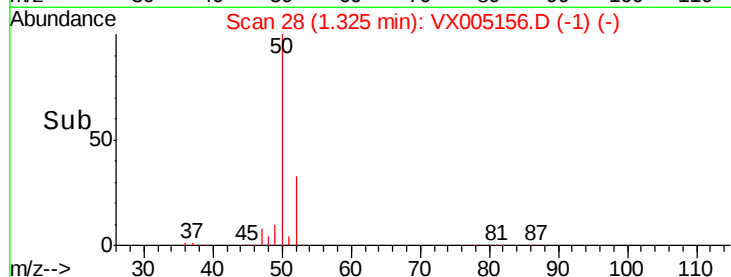
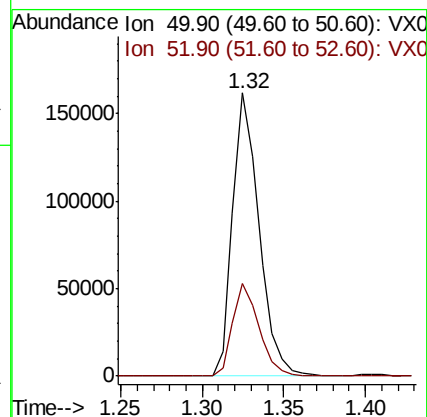
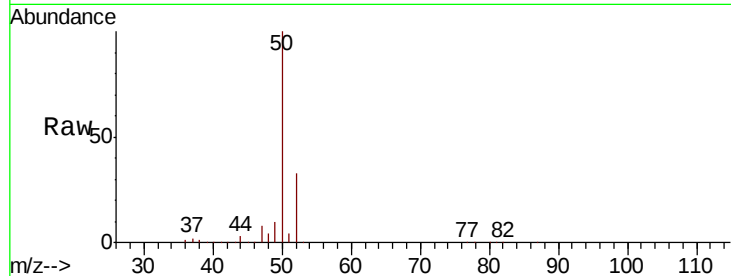
52 32.6 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.644 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005156.D

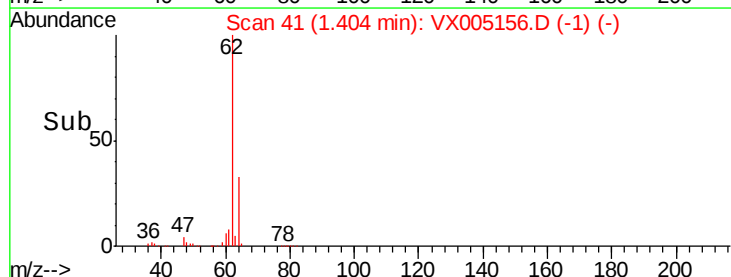
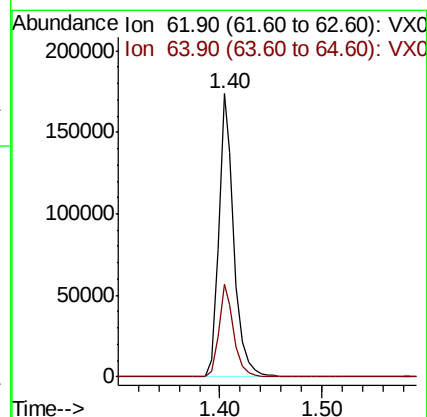
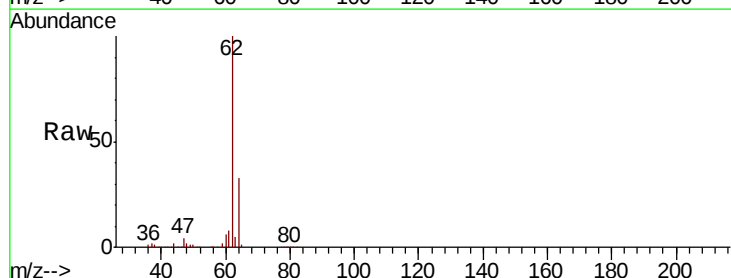
Acq: 09 Oct 2018 13:58

Tgt Ion: 62 Resp: 181596

Ion Ratio Lower Upper

62 100

64 32.8 25.5 38.3





#5

Bromomethane

Concen: 46.742 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 97463

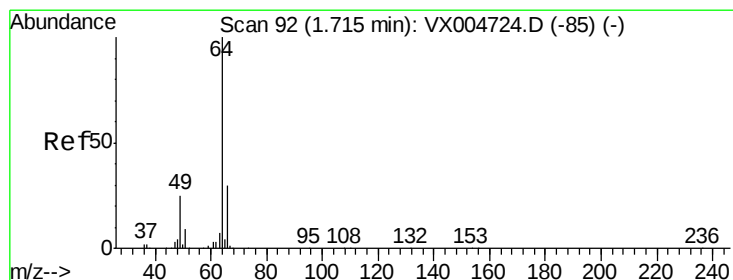
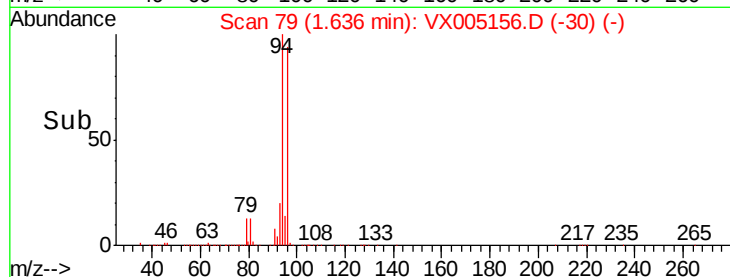
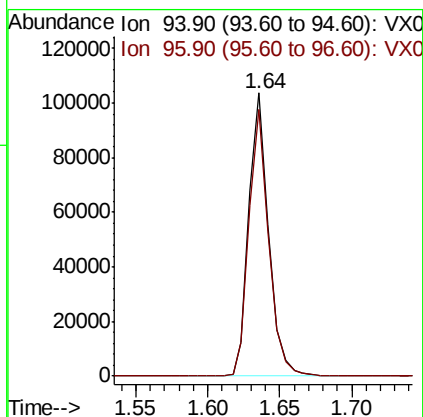
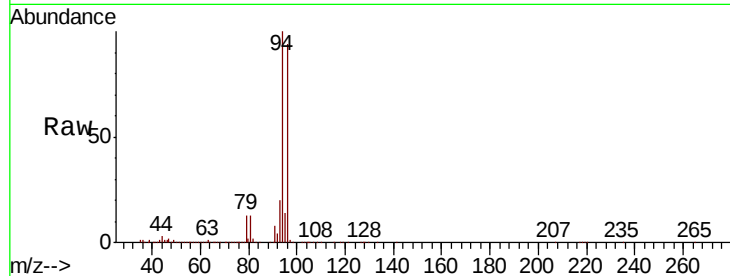
Ion Ratio Lower Upper

94 100

96 94.2 79.5 119.3

Manual Integrations
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#6

Chloroethane

Concen: 54.089 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005156.D

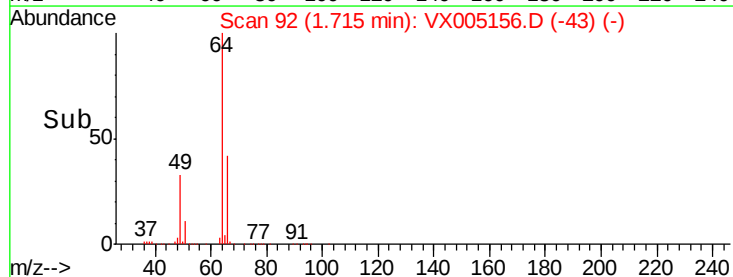
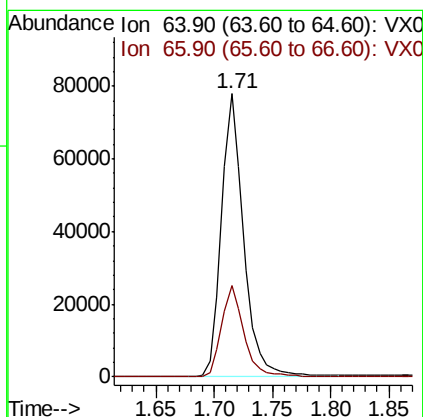
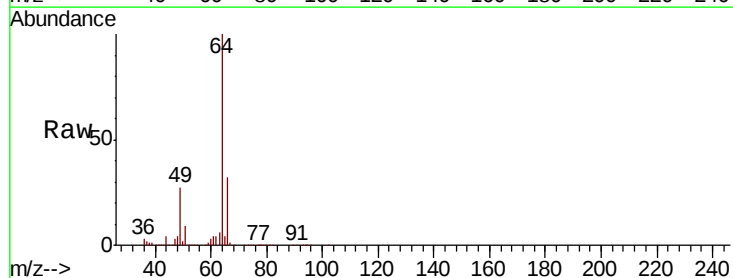
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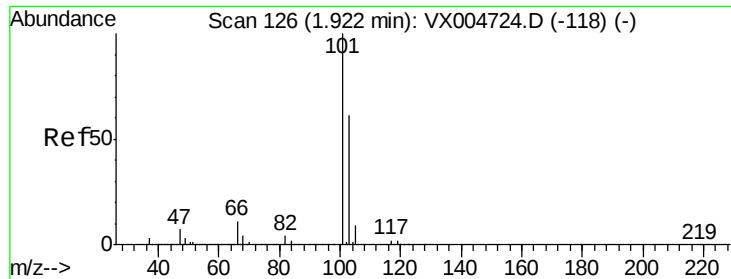
Tgt Ion: 64 Resp: 103286

Ion Ratio Lower Upper

64 100

66 32.1 23.8 35.6





#7

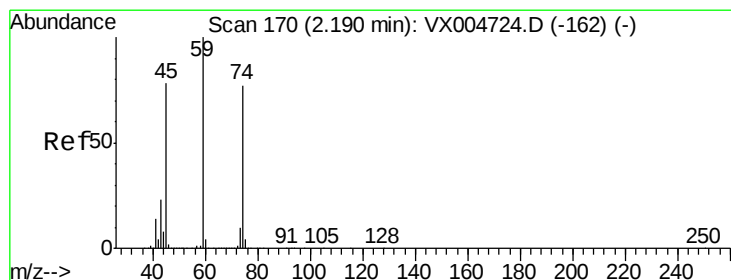
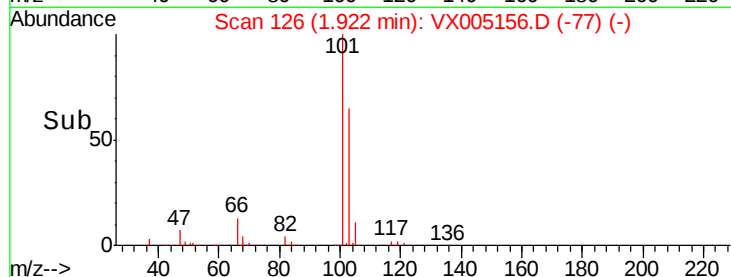
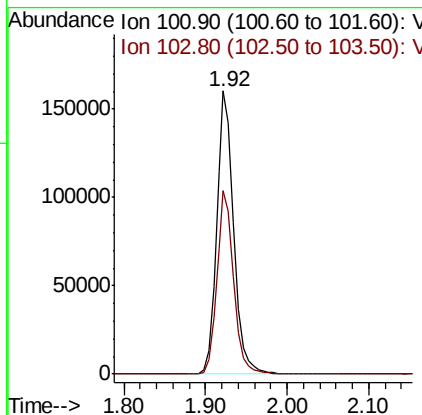
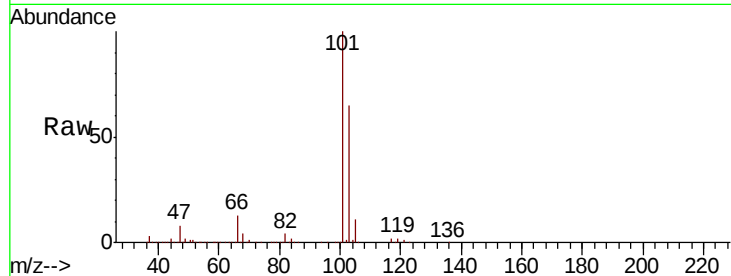
Trichlorofluoromethane
Concen: 53.744 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	233954		
103	64.9	48.4	72.6	

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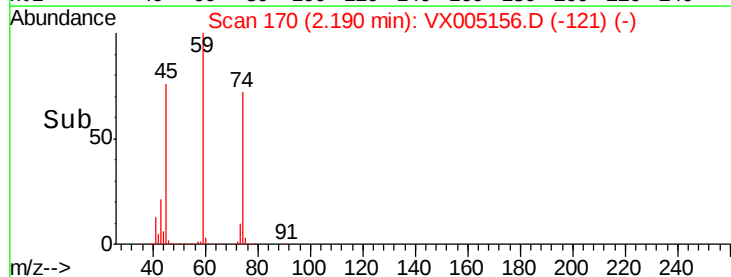
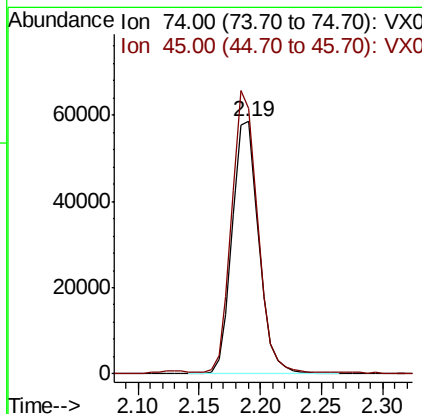
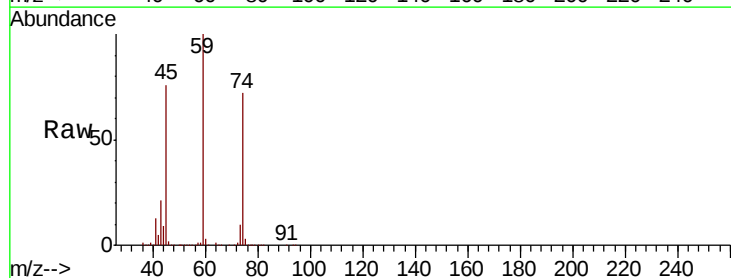
MMDadoda
10/10/2018 2:07:47 PM



#8

Diethyl Ether
Concen: 46.413 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	87773		
45	110.8	52.5	157.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.526 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

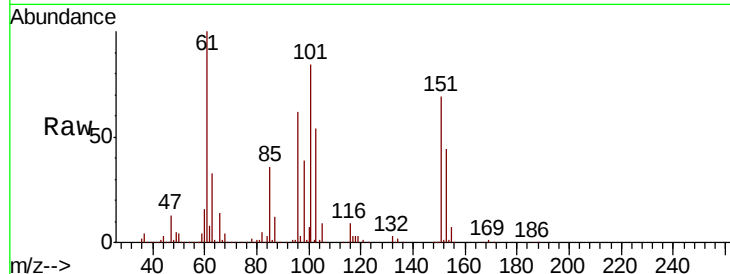
ClientSampleId :

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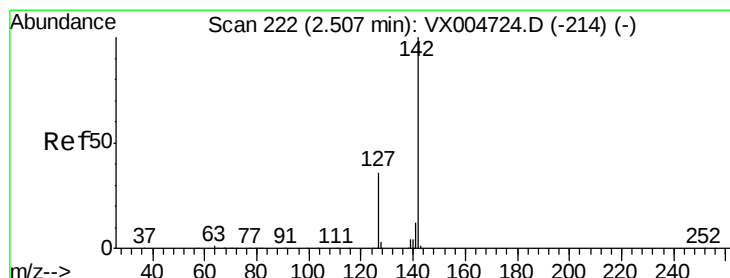
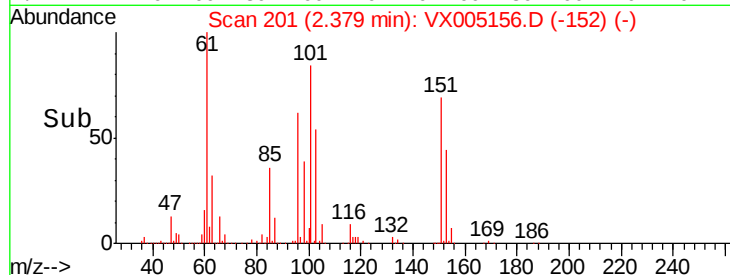
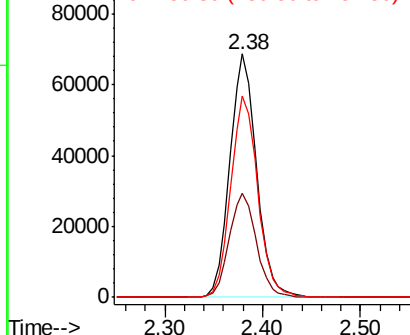
Tot Ion:	101	Resp:	130246
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.9	53.9
151	83.4	66.6	100.0

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.827 ug/l

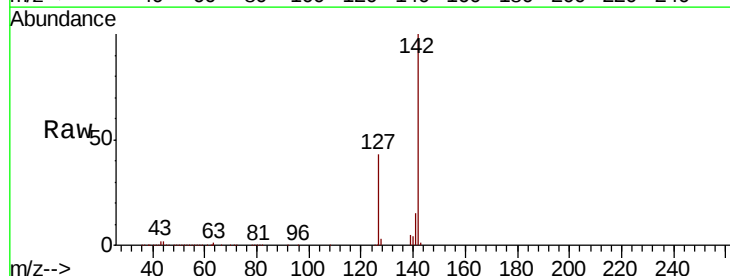
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

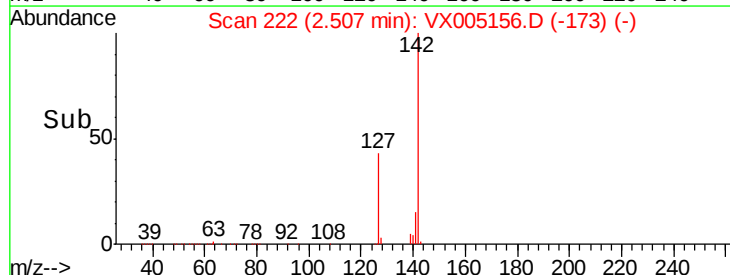
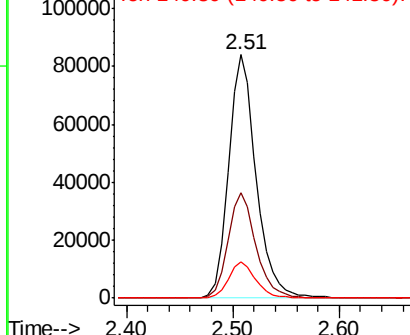
Lab File: VX005156.D

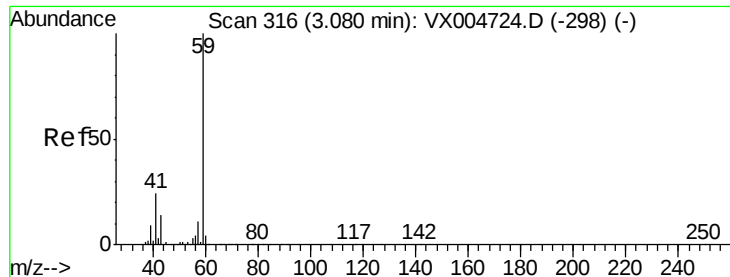
Acq: 09 Oct 2018 13:58

Tgt Ion:	142	Resp:	152063
Ion Ratio	Lower	Upper	
142	100		
127	43.9	30.1	45.1
141	14.7	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

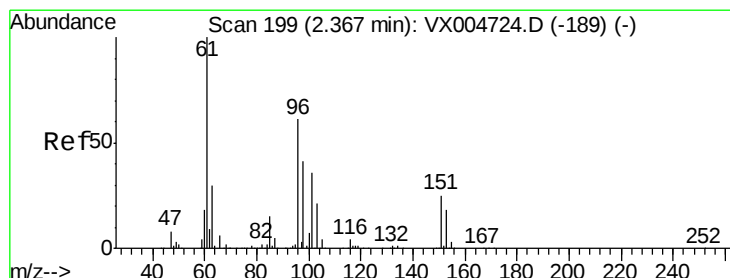
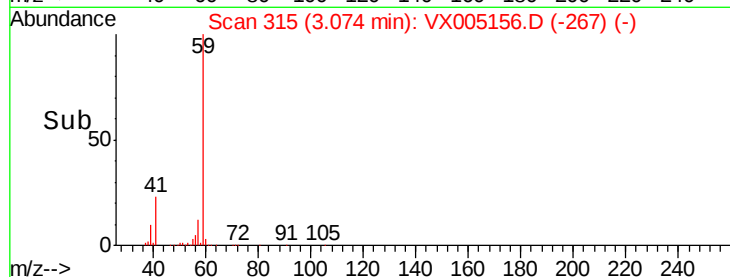
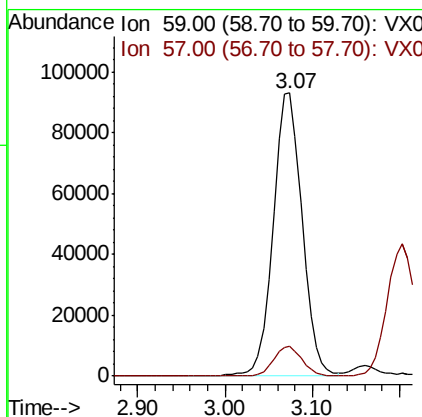
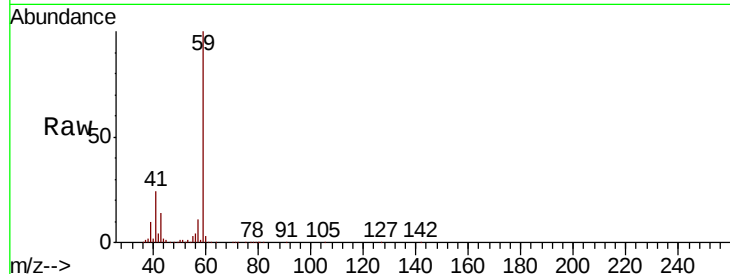
Tert butyl alcohol
Concen: 237.393 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8

Manual Integrations
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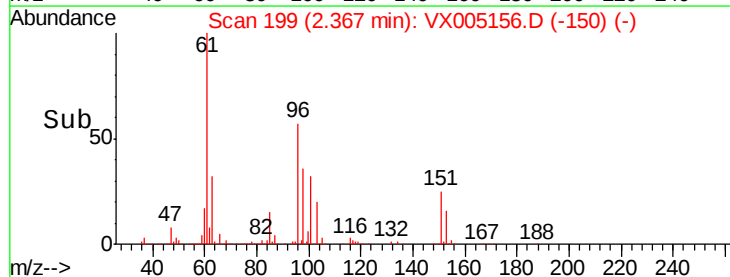
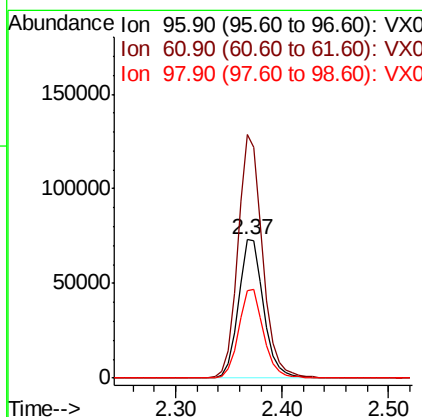
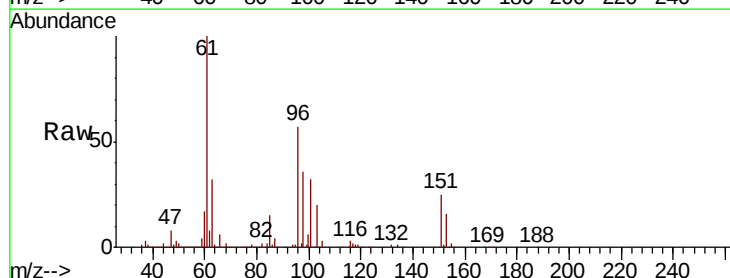
MMDadoda
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#12

1,1-Dichloroethene
Concen: 49.460 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.0	130.2	195.4
98	63.6	53.4	80.0





#13

Acrolein

Concen: 226.981 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 146193

Ion Ratio Lower Upper

56 100

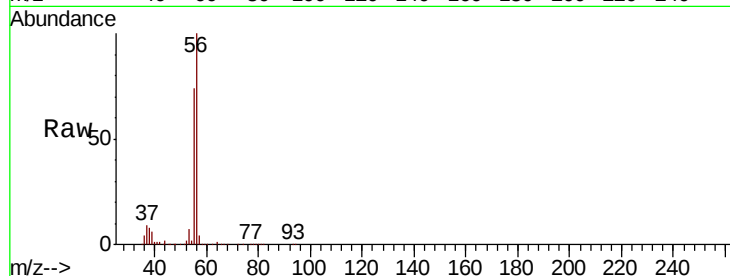
55 71.7 63.4 95.2

Manual Integrations

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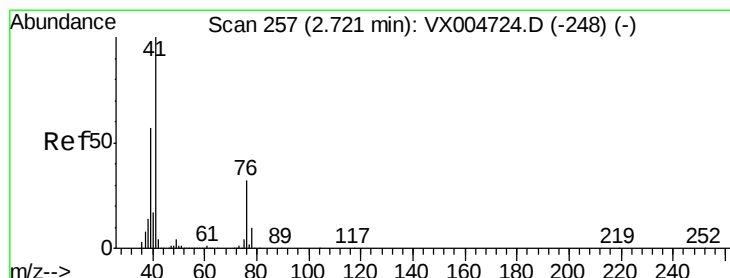
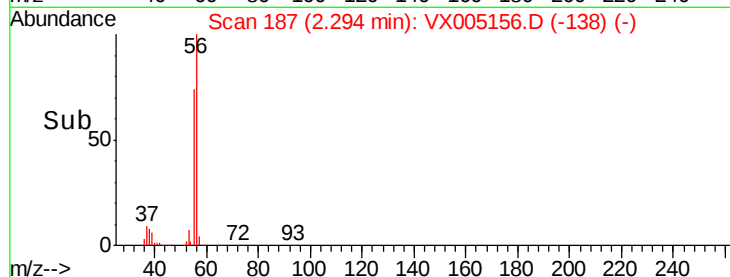
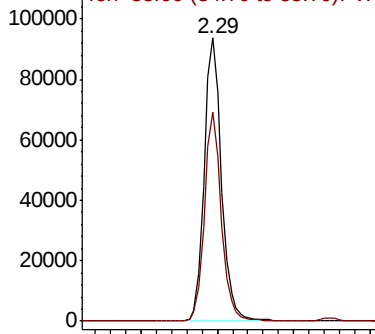
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.003 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

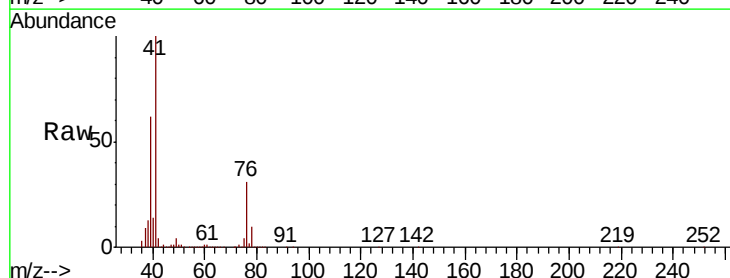
Tgt Ion: 41 Resp: 273281

Ion Ratio Lower Upper

41 100

39 58.5 44.1 66.1

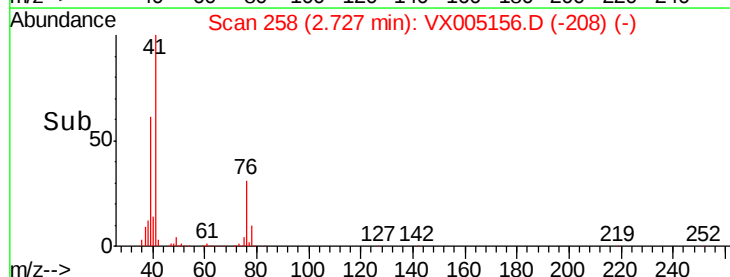
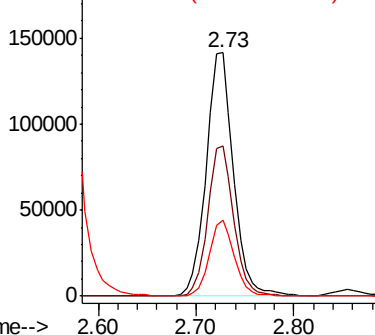
76 28.5 25.0 37.4

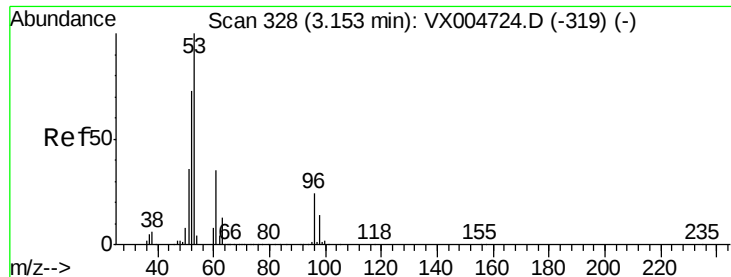


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 241.908 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

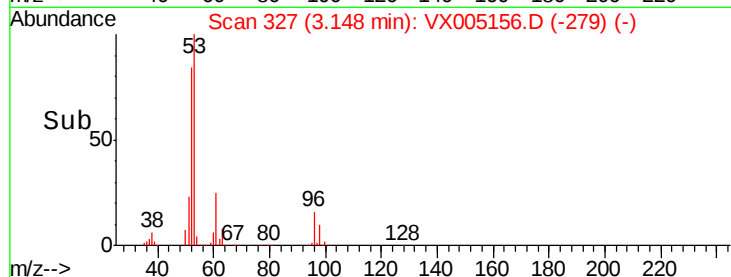
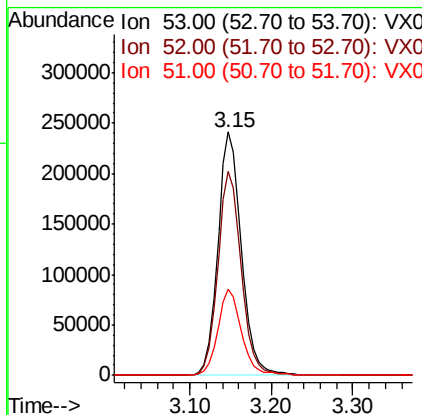
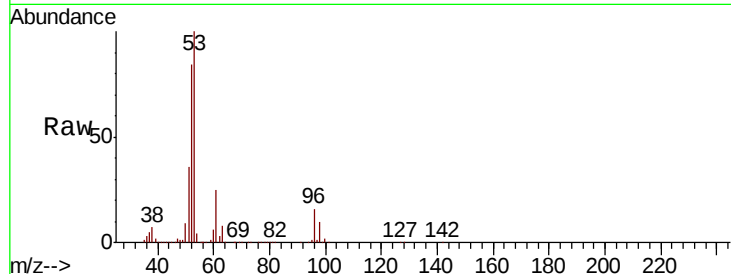
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	482071
Ion	Ratio	Lower	Upper
53	100		
52	83.3	63.0	94.4
51	35.4	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 252.897 ug/l

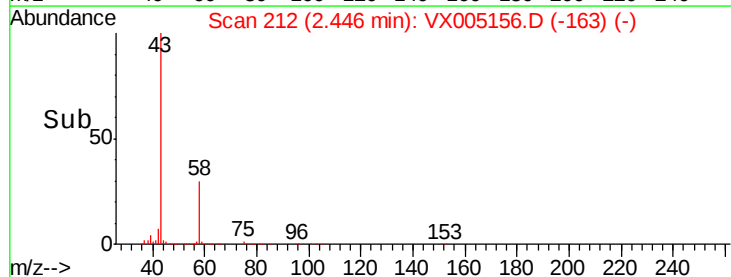
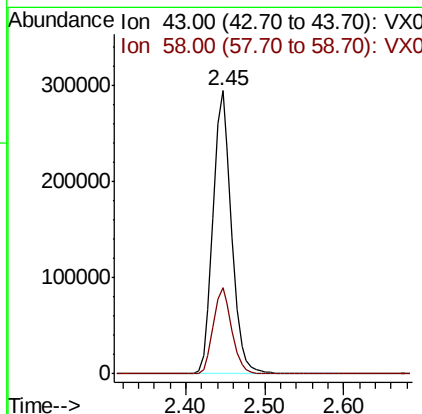
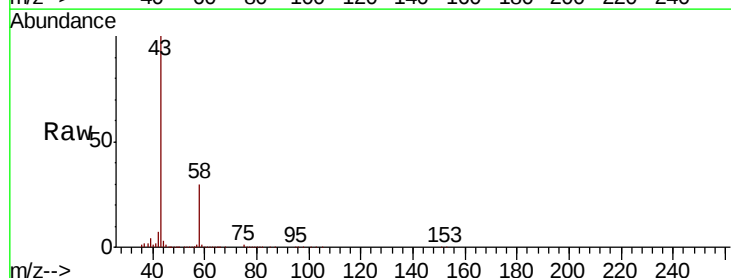
RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Tgt Ion:	43	Resp:	478008
Ion	Ratio	Lower	Upper
43	100		
58	30.3	21.8	32.6





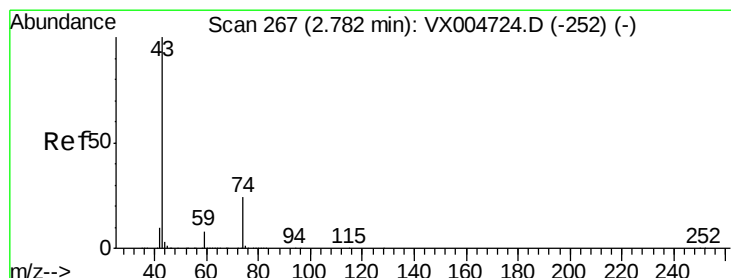
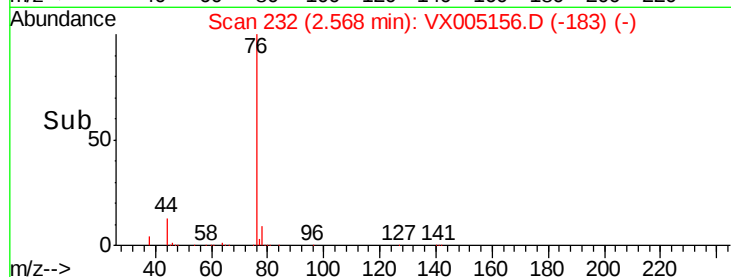
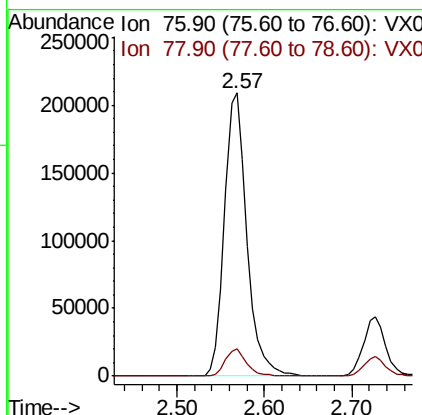
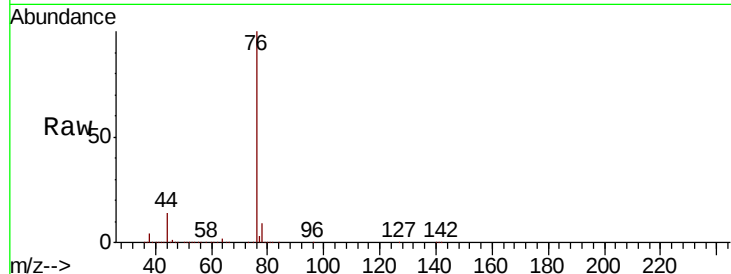
#17
Carbon Disulfide
Concen: 50.222 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6

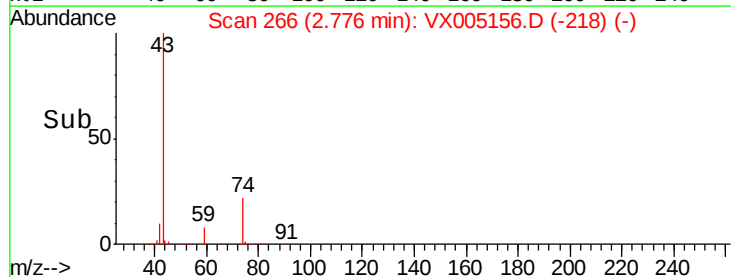
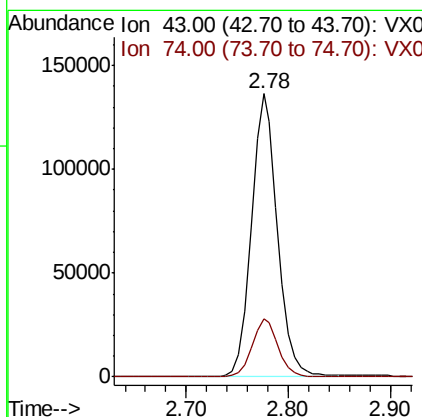
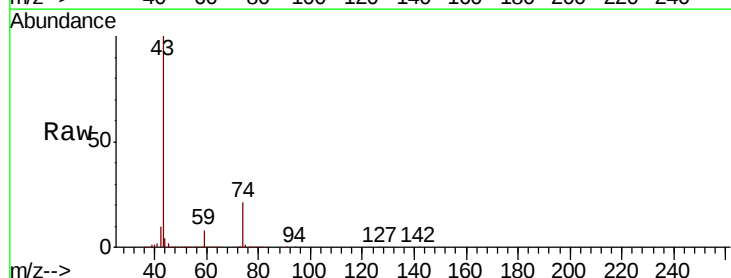
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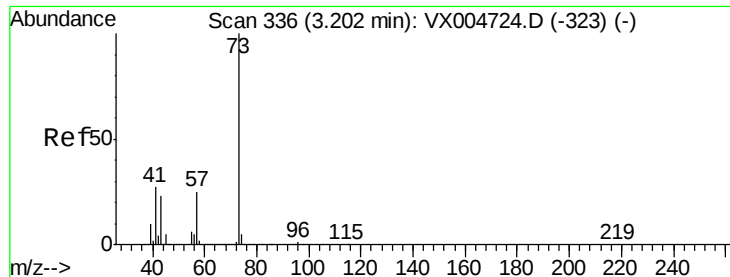
MMDadoda
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#18
Methyl Acetate
Concen: 50.249 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	17.8	26.8





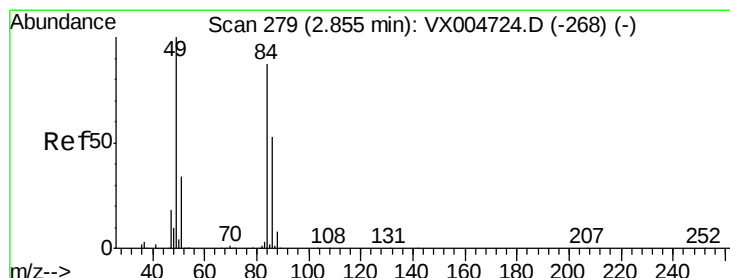
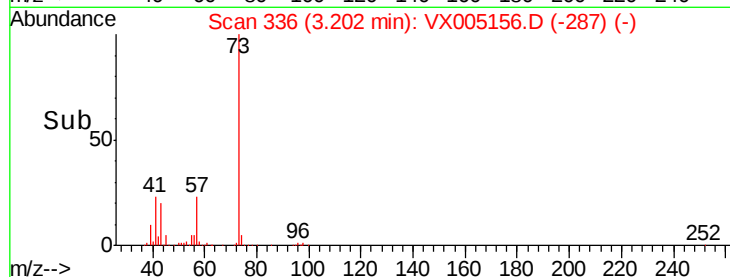
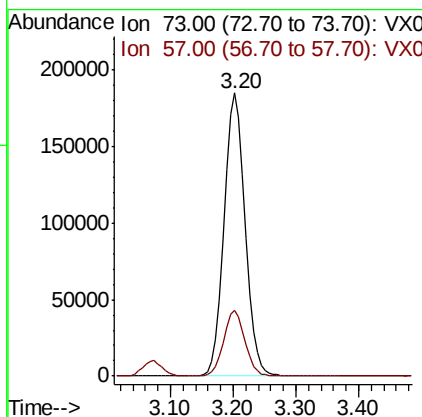
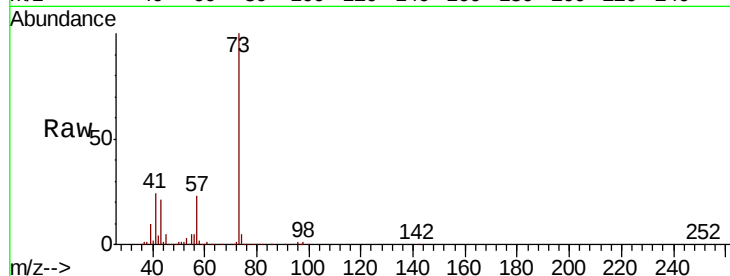
#19
Methvl tert-butvl Ether
Concen: 50.629 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	19.9	29.9

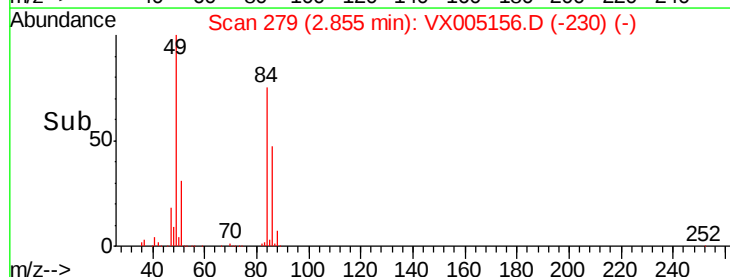
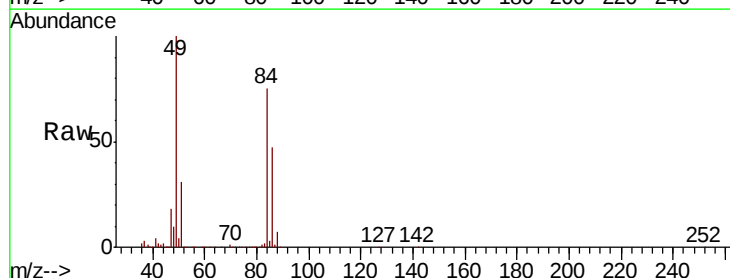
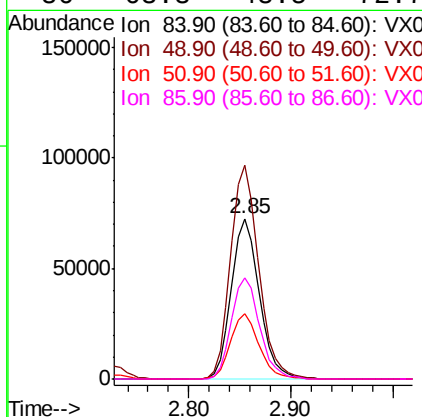
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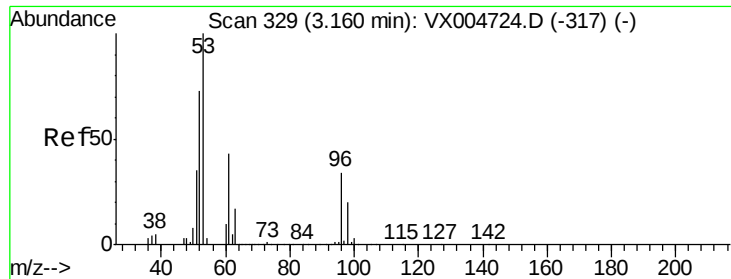
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#20
Methylene Chloride
Concen: 50.156 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.2	92.3	138.5
51	40.8	31.8	47.6
86	63.3	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 48.265 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

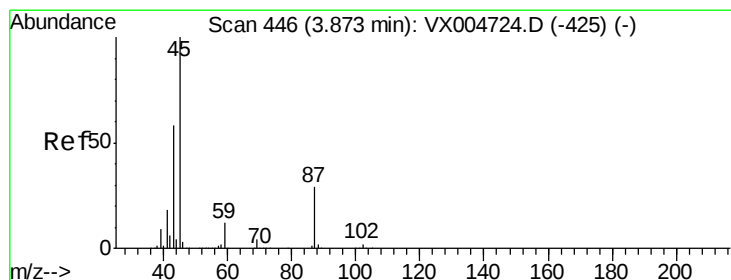
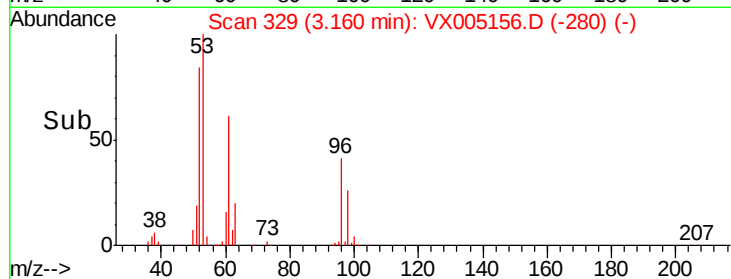
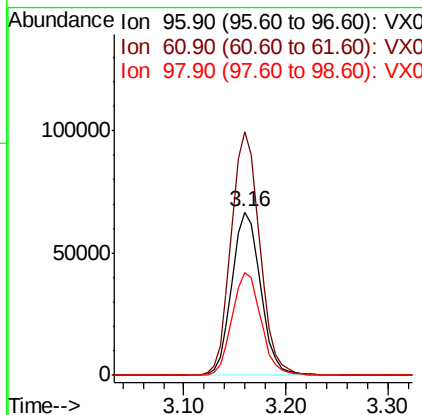
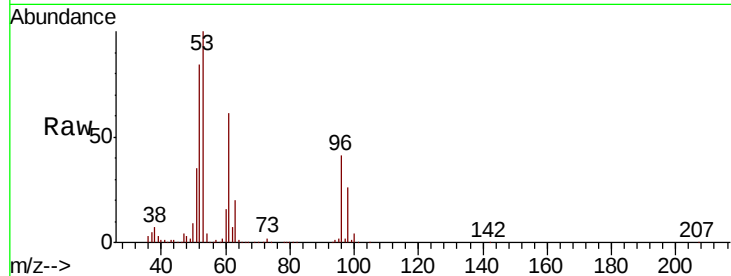
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	129745
Ion	Ratio	Lower	Upper
96	100		
61	149.1	101.0	151.6
98	62.8	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.943 ug/l

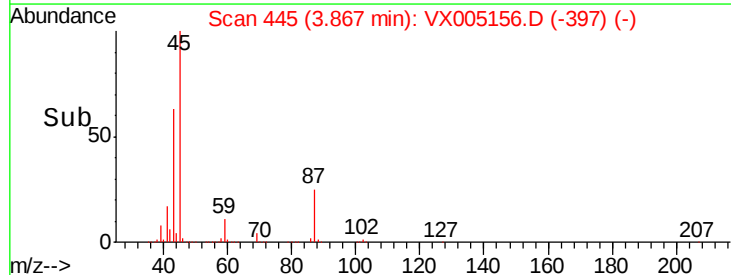
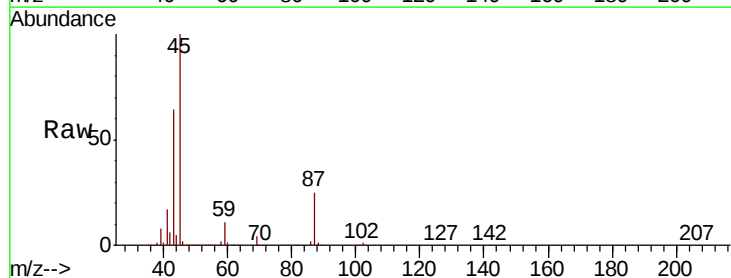
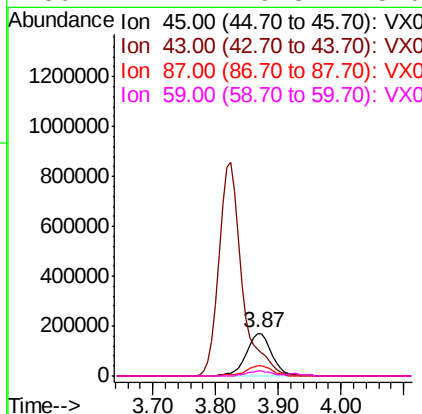
RT: 3.87 min Scan# 445

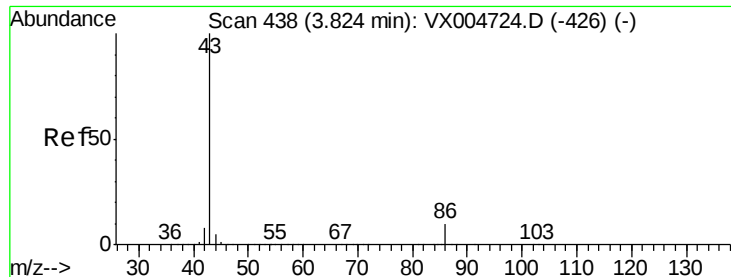
Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Tgt Ion:	45	Resp:	477680
Ion	Ratio	Lower	Upper
45	100		
43	63.5	46.7	70.1
87	24.7	22.9	34.3
59	11.4	9.3	13.9





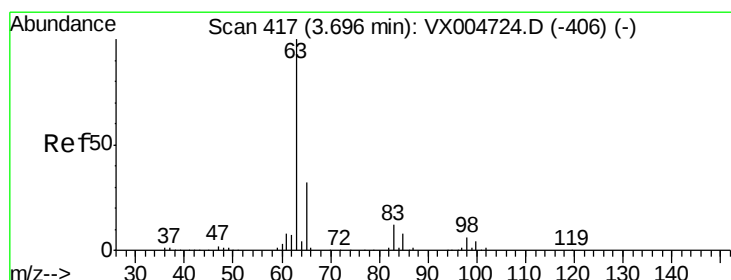
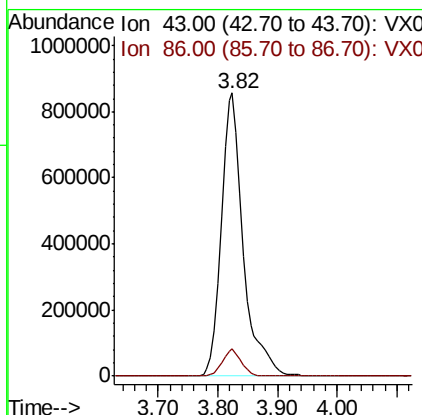
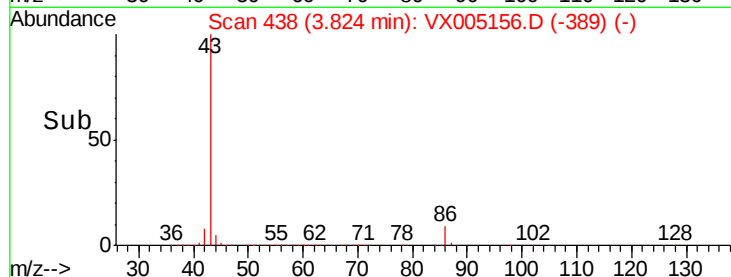
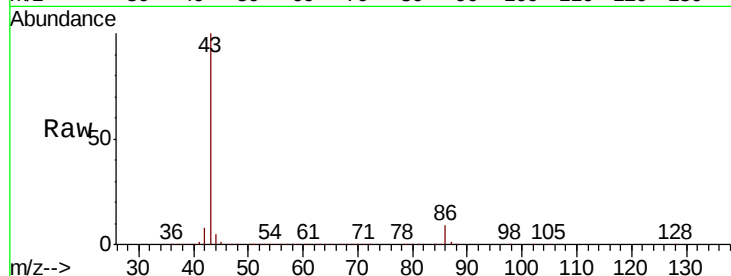
#23
 Vinyl Acetate
 Concen: 265.484 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2192613
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.1 12.1

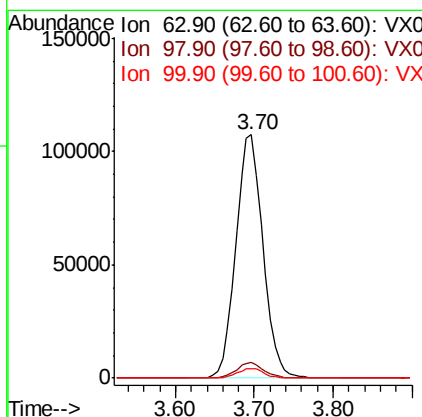
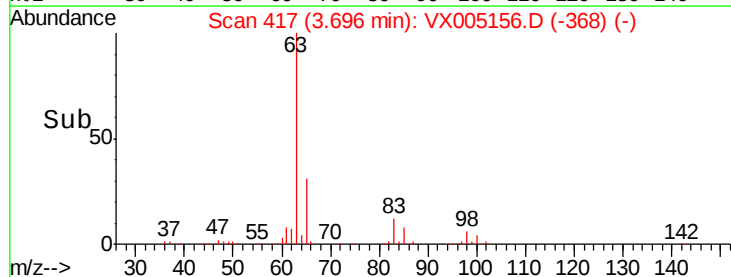
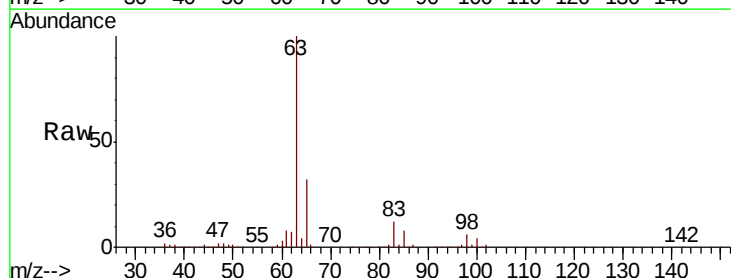
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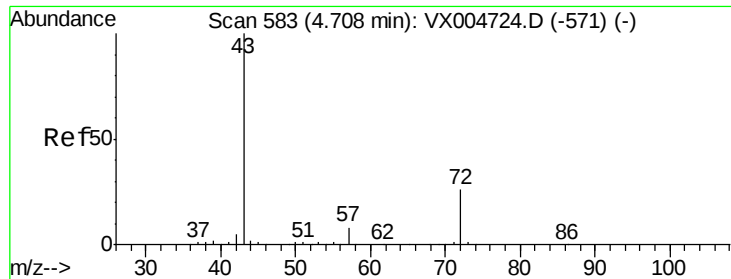
MMDadoda
 10/10/2018 2:07:47 PM



#24
 1,1-Dichloroethane
 Concen: 47.687 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion: 63 Resp: 256656
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.0 9.2
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 234.675 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 653829

Ion Ratio Lower Upper

43 100

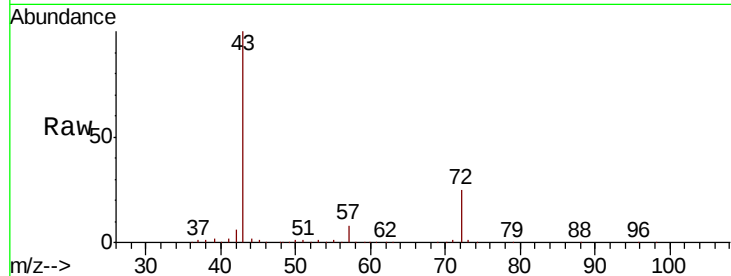
72 24.5 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

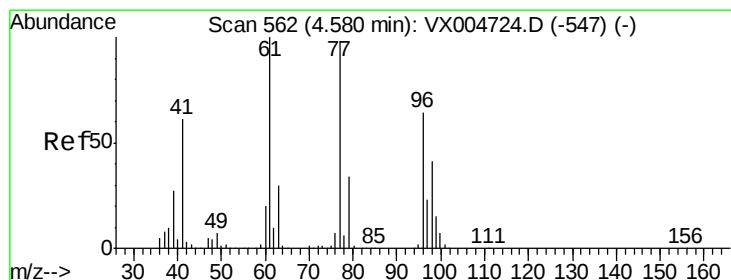
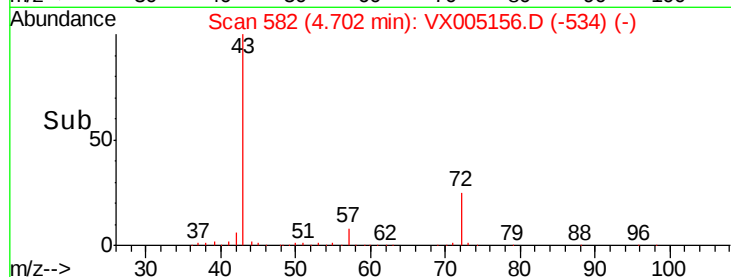
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 51.246 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005156.D

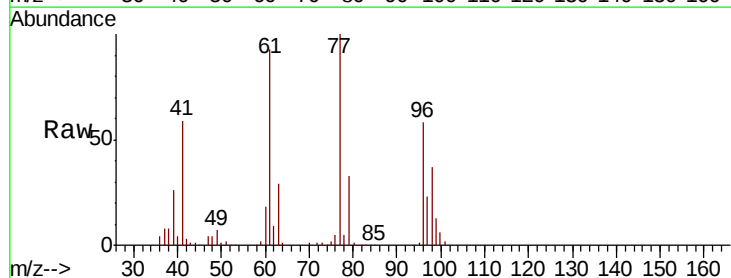
Acq: 09 Oct 2018 13:58

Tgt Ion: 77 Resp: 192062

Ion Ratio Lower Upper

77 100

97 23.3 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

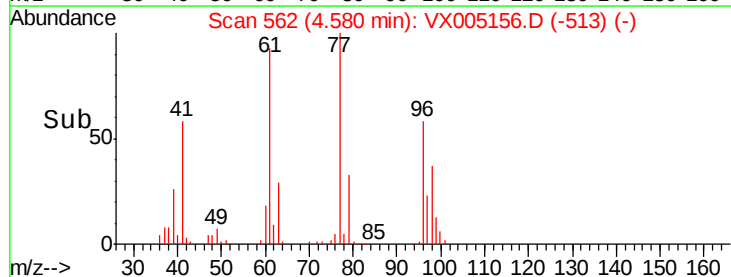
40000

20000

0

4.40 4.50 4.60 4.70

Time-->





#27

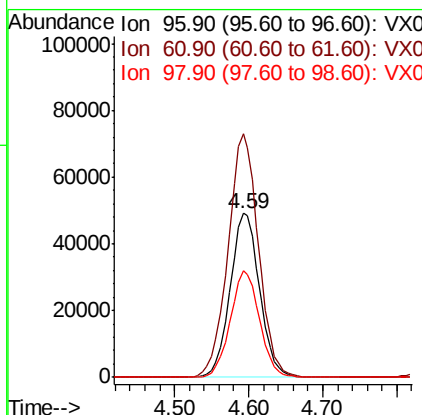
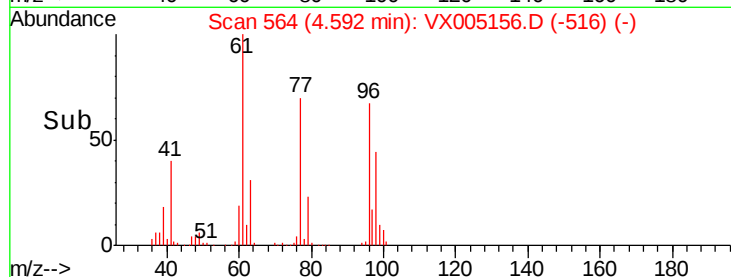
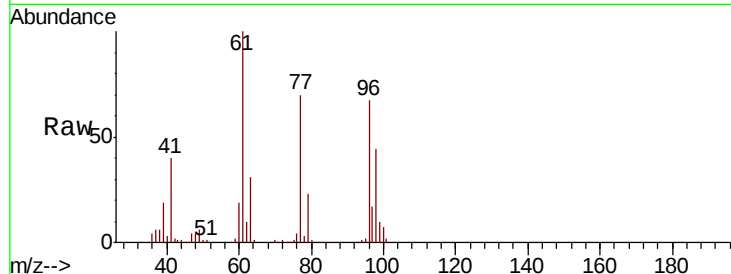
cis-1,2-Dichloroethene
Concen: 45.309 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	136068		
61	153.2	0.0	285.8	
98	64.7	0.0	136.2	

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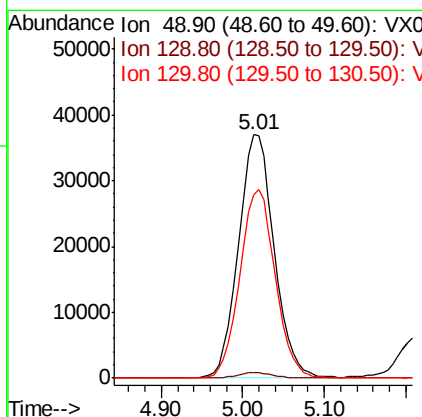
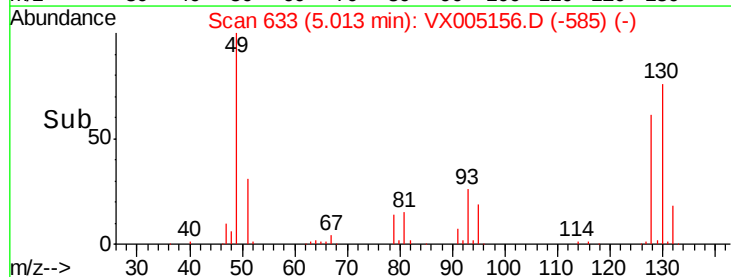
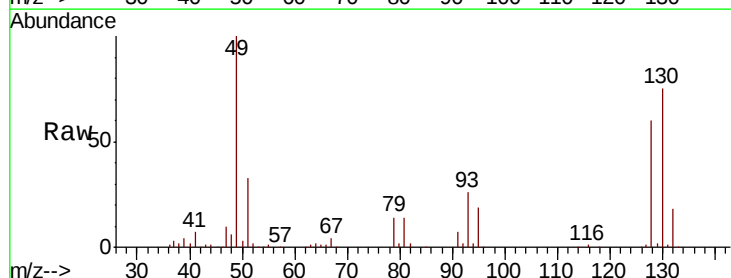
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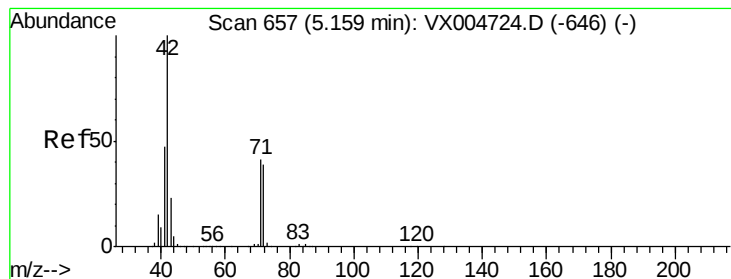


#28

Bromochloromethane
Concen: 44.333 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	112362		
129	2.0	0.0	4.2	
130	76.9	62.0	93.0	





#29

Tetrahydrofuran

Concen: 239.373 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

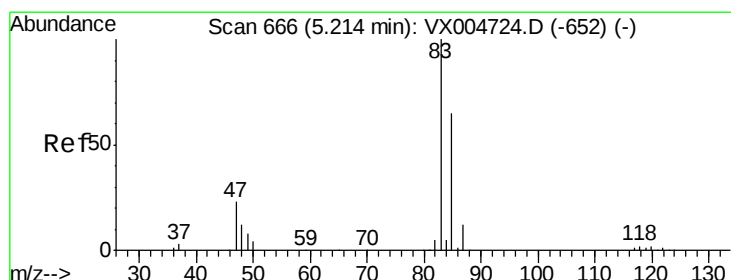
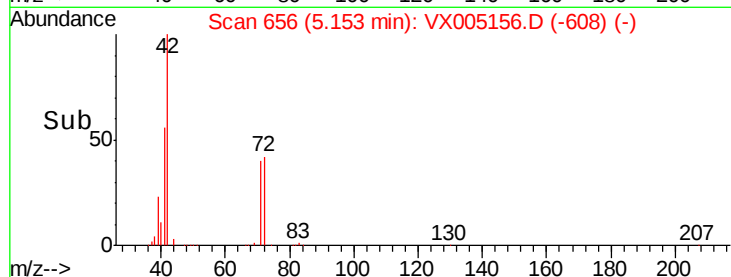
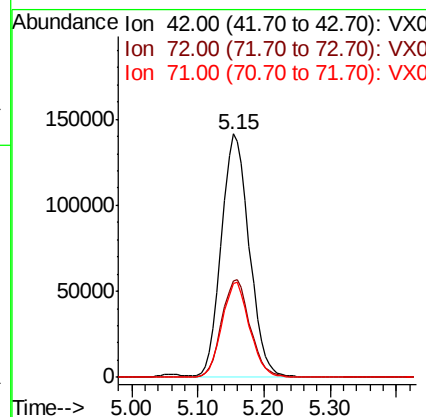
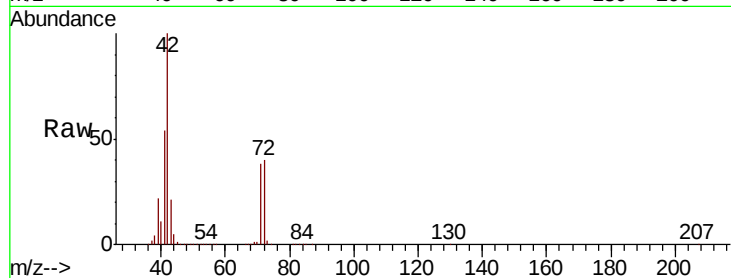
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	414515
Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.7	50.5
71	38.7	32.2	48.4

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#30

Chloroform

Concen: 45.064 ug/l

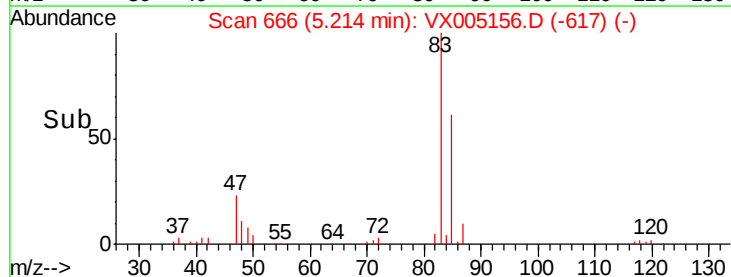
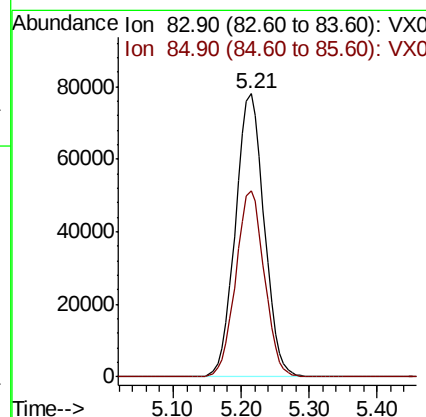
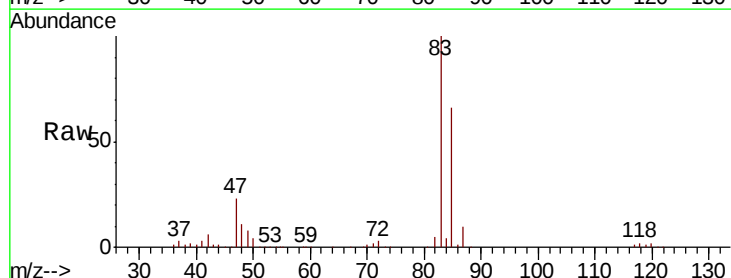
RT: 5.21 min Scan# 666

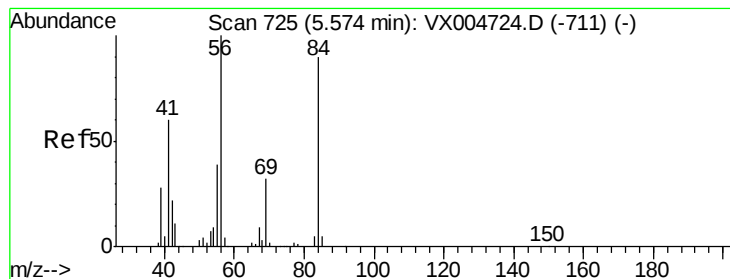
Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Tgt Ion:	83	Resp:	229222
Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.4	78.6





#31

Cyclohexane

Concen: 53.502 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

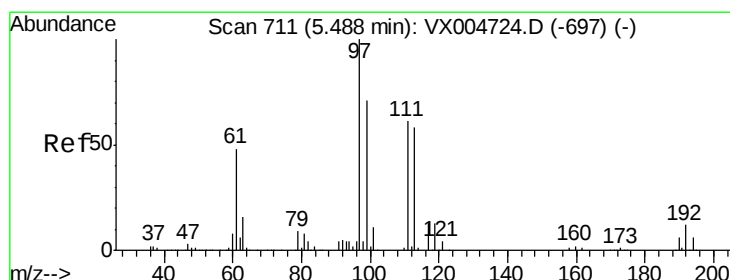
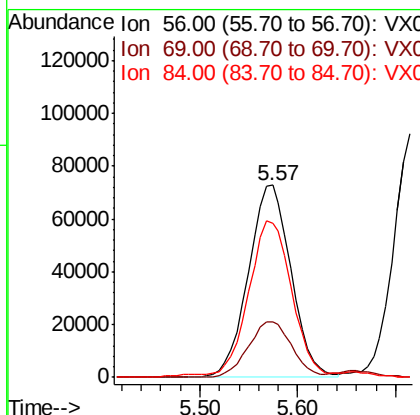
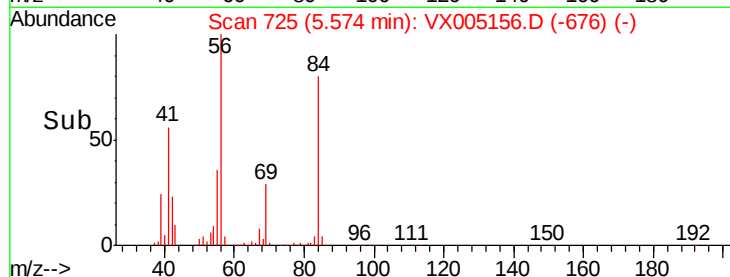
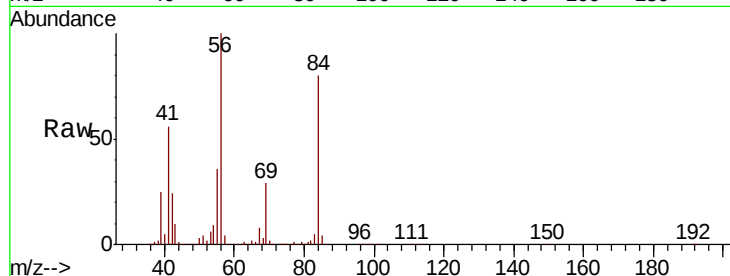
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	220391
Ion	Ratio	Lower	Upper
56	100		
69	28.7	25.9	38.9
84	79.0	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 48.342 ug/l

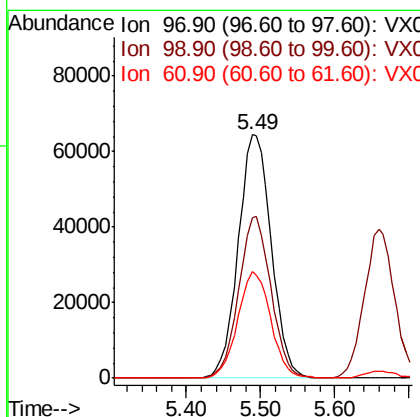
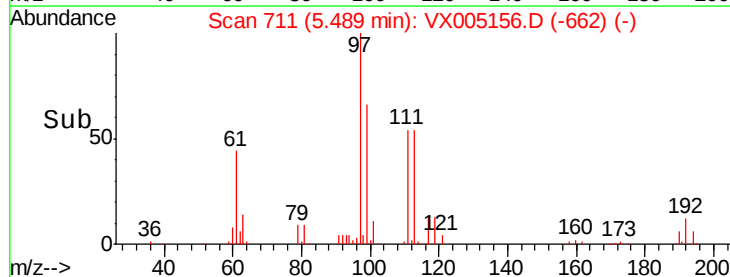
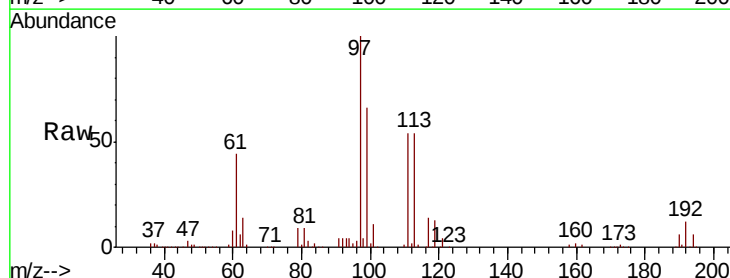
RT: 5.49 min Scan# 711

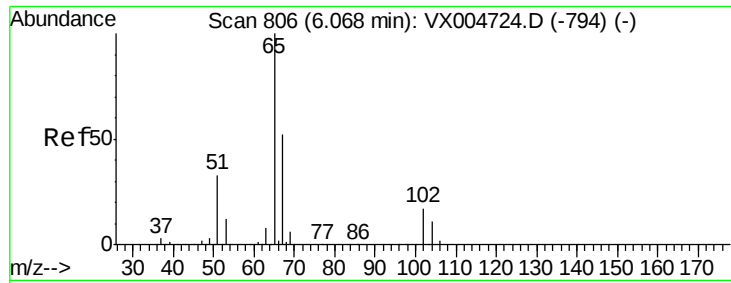
Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Tgt Ion:	97	Resp:	200818
Ion	Ratio	Lower	Upper
97	100		
99	64.7	54.6	82.0
61	43.7	37.5	56.3





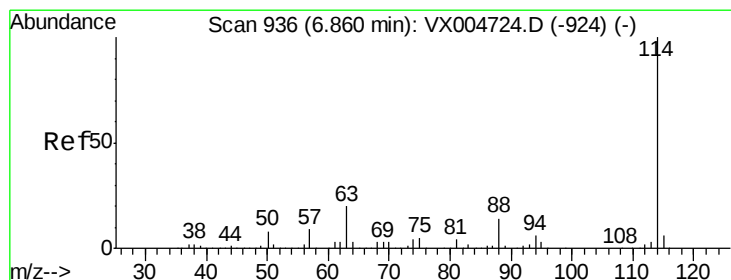
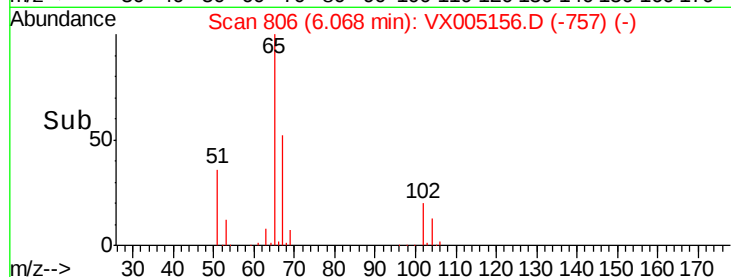
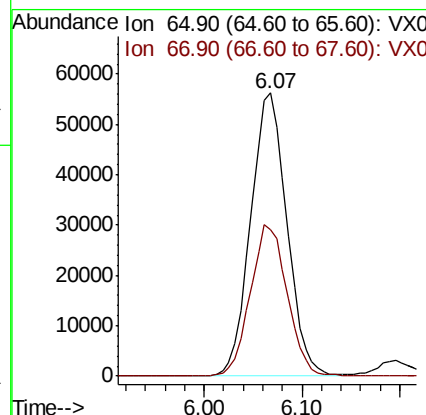
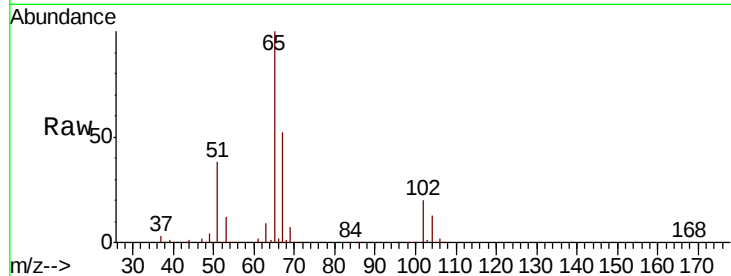
#33
 1,2-Dichloroethane-d4
 Concen: 44.694 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.4

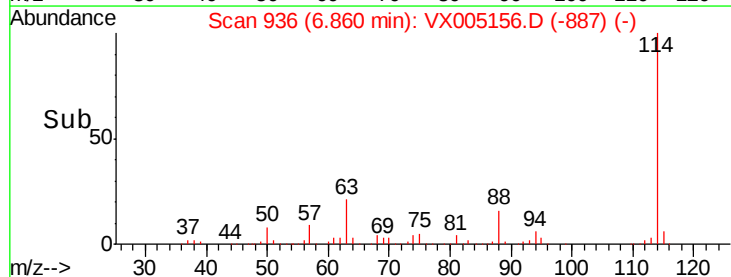
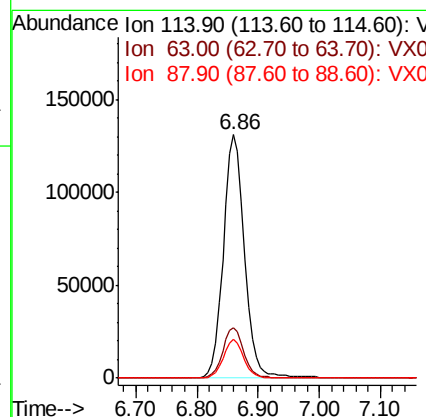
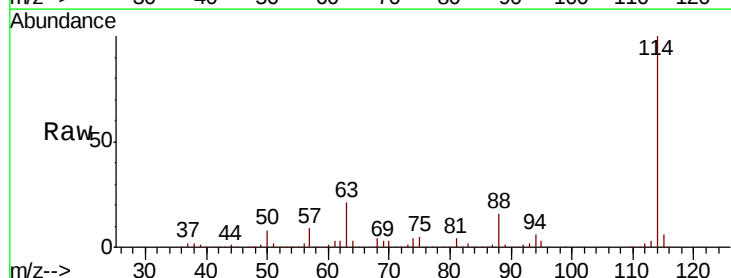
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.8
88	16.0	0.0	27.0





#35

Dibromofluoromethane

Concen: 44.893 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

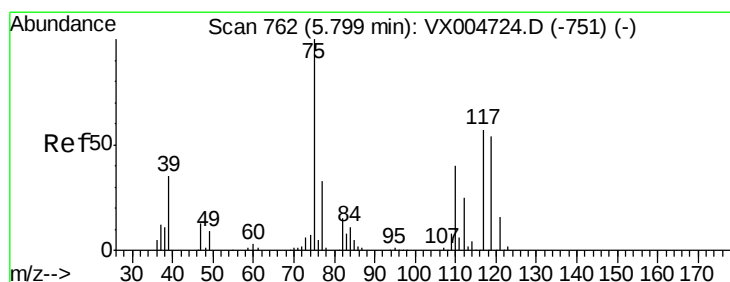
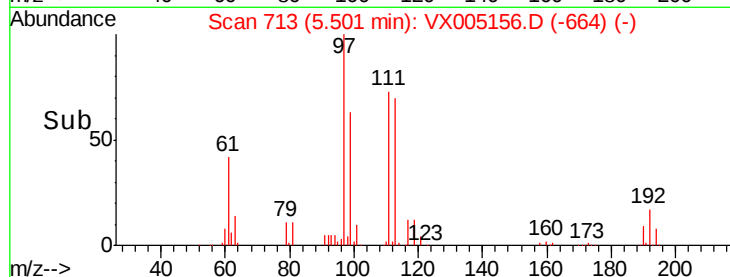
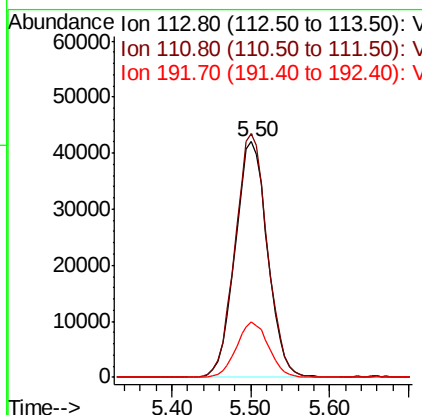
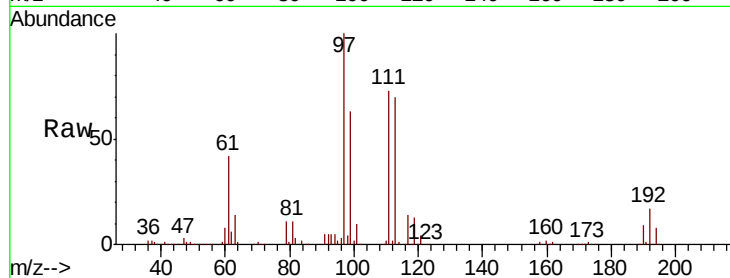
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	119965
Ion Ratio	Lower	Upper	
113	100		
111	102.7	77.0	115.4
192	23.3	17.0	25.6

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#36

1,1-Dichloropropene

Concen: 49.648 ug/l

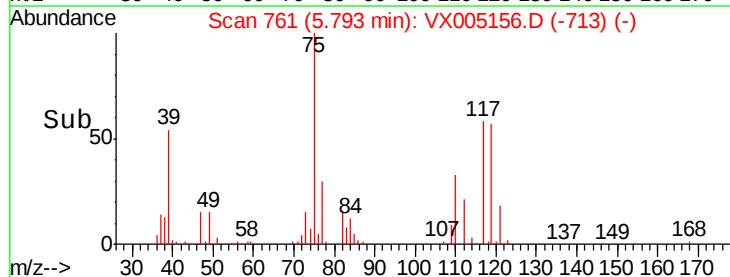
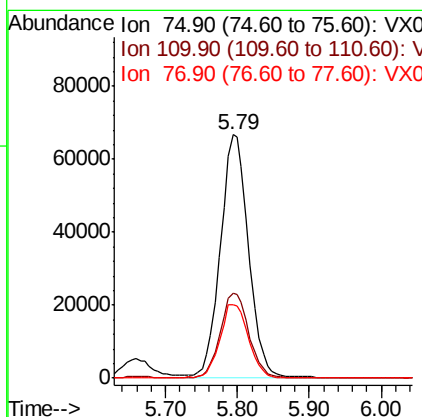
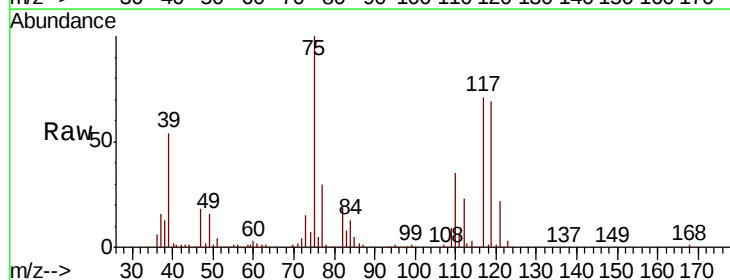
RT: 5.79 min Scan# 761

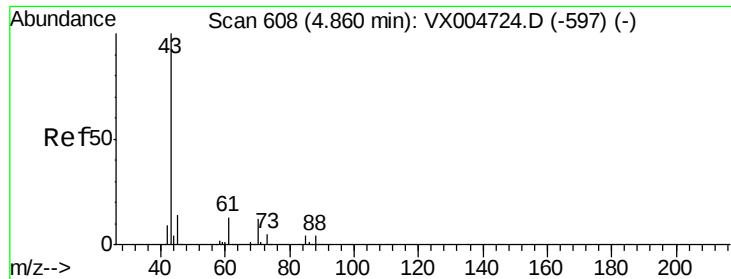
Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Tgt Ion:	75	Resp:	181014
Ion Ratio	Lower	Upper	
75	100		
110	35.4	20.0	59.9
77	31.4	27.1	40.7





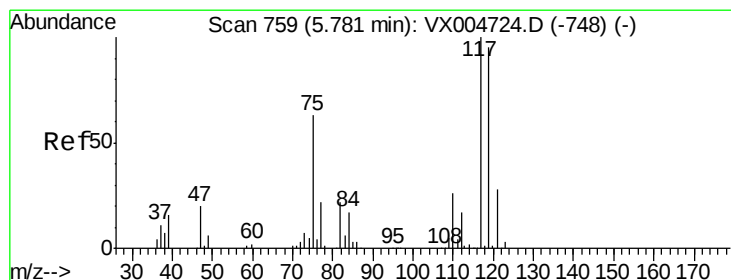
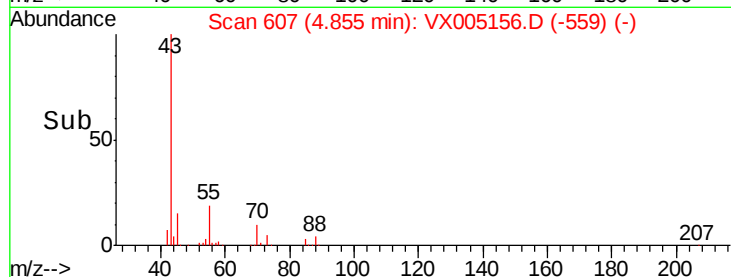
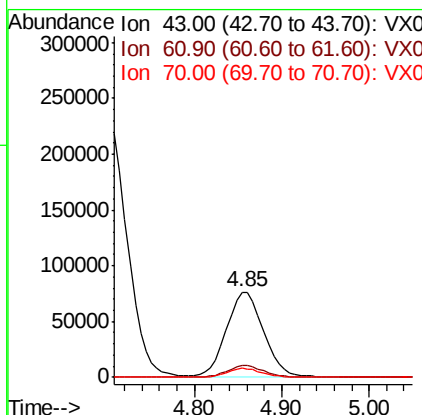
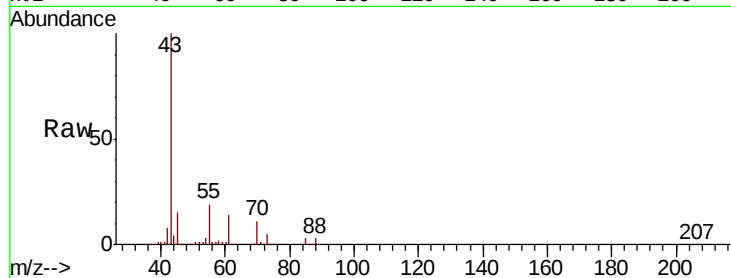
#37
Ethyl Acetate
Concen: 46.445 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.4	15.6
70	10.0	8.7	13.1

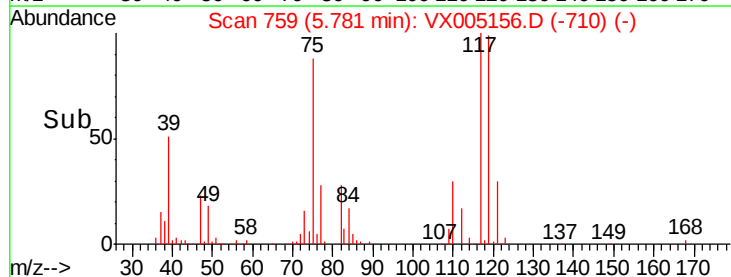
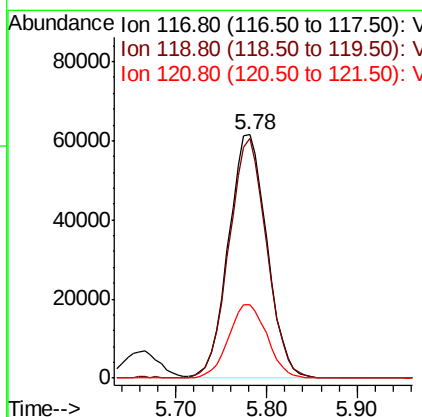
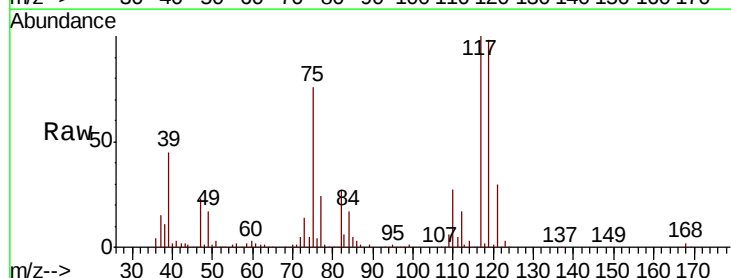
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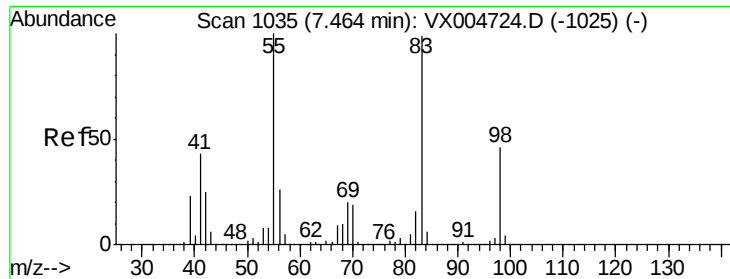
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#38
Carbon Tetrachloride
Concen: 47.063 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.2	112.8
121	30.3	22.5	33.7





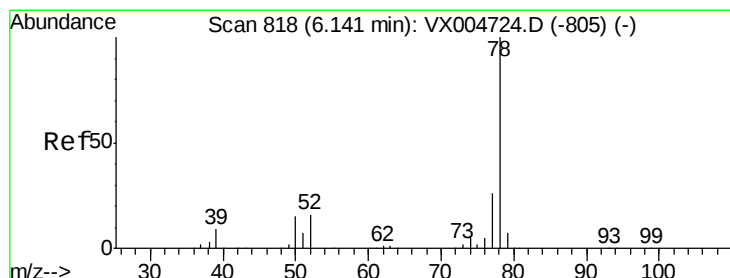
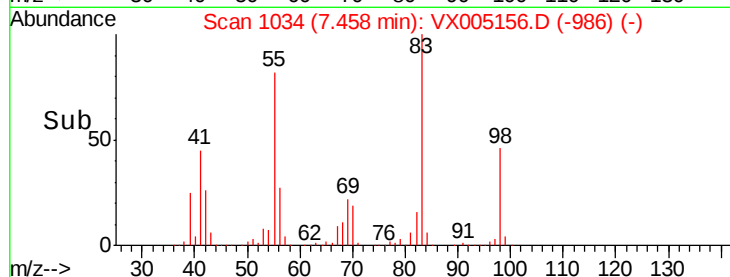
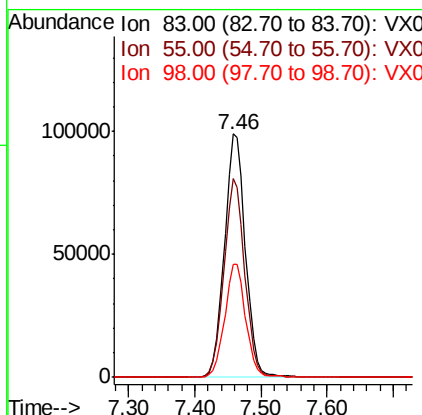
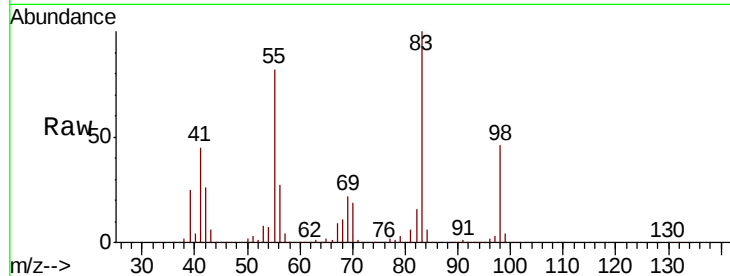
#39
Methvlcvclohexane
Concen: 58.752 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.5	81.1	121.7
98	46.5	37.3	55.9

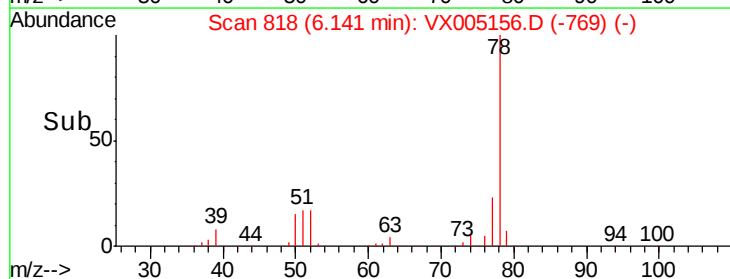
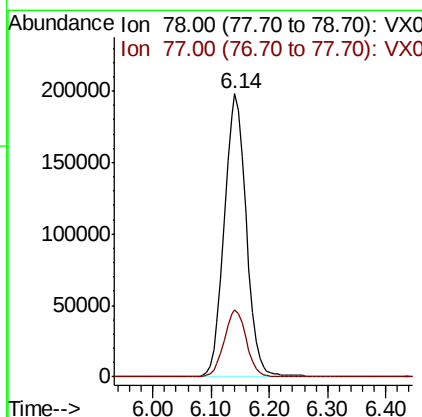
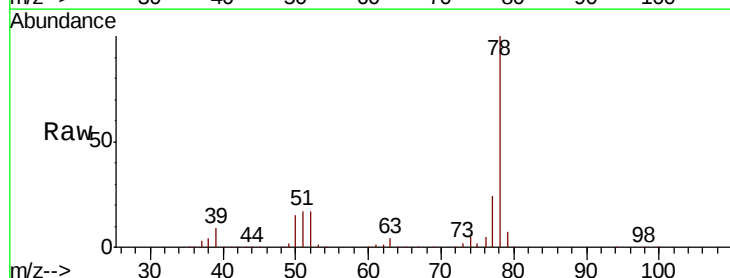
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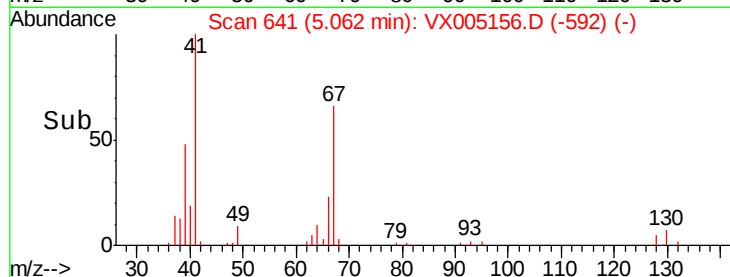
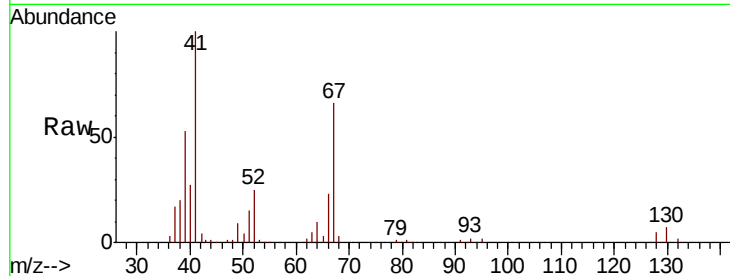
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#40
Benzene
Concen: 45.768 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

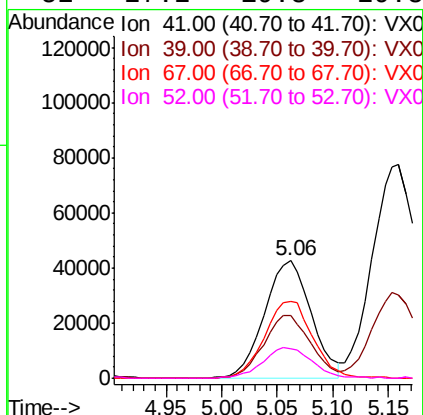
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	21.0	31.4





#41
Methacrylonitrile
Concen: 46.328 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

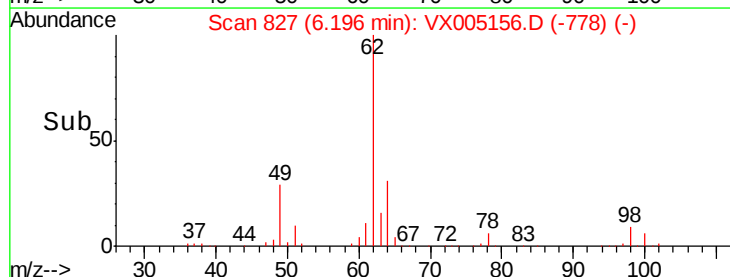
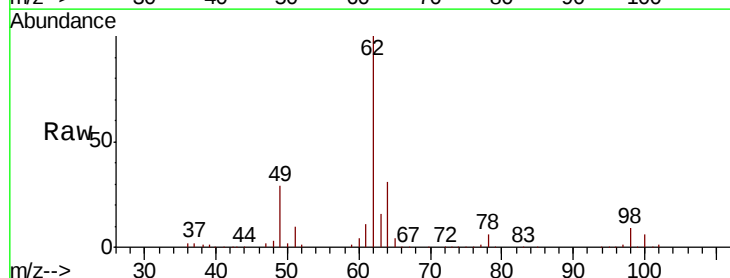
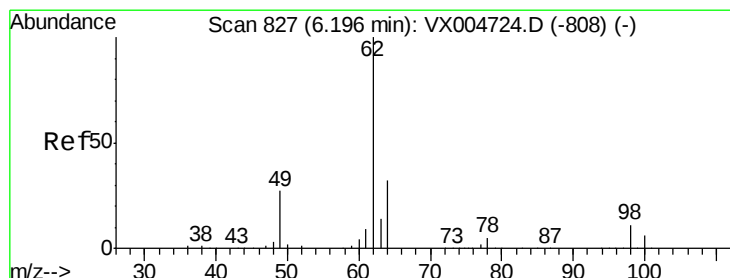
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	42.5	63.7	
67	68.3	53.0	79.6	
52	27.2	19.8	29.8	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

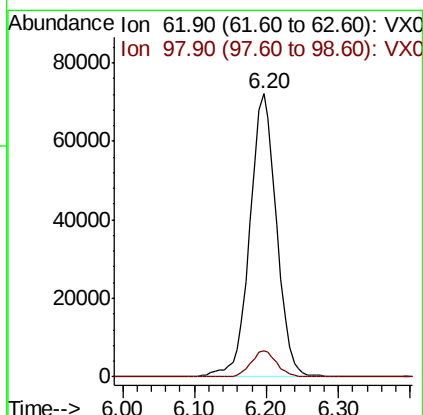
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#42
1,2-Dichloroethane
Concen: 46.034 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	20.2	





#43

Isopropyl Acetate

Concen: 47.562 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

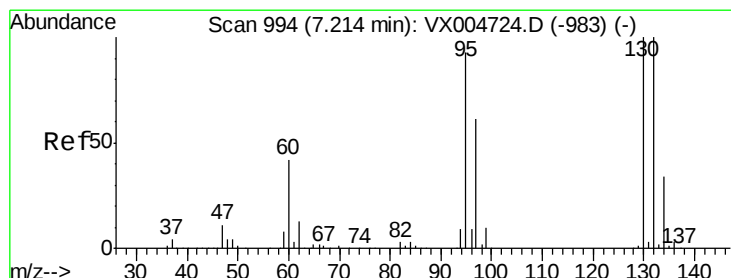
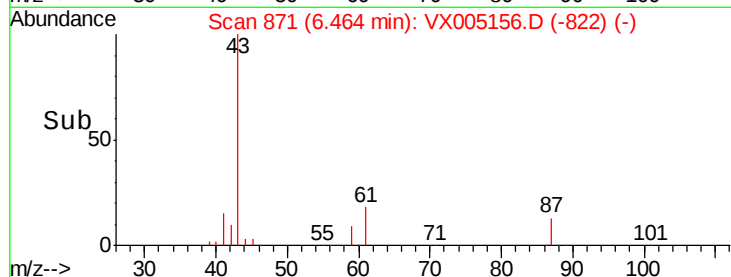
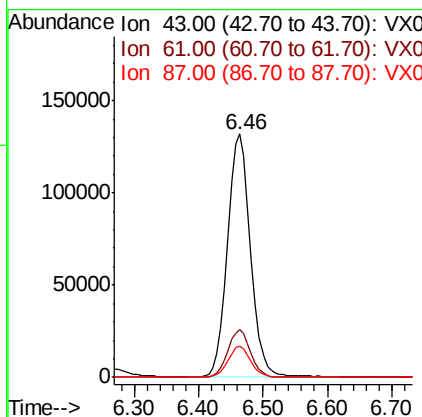
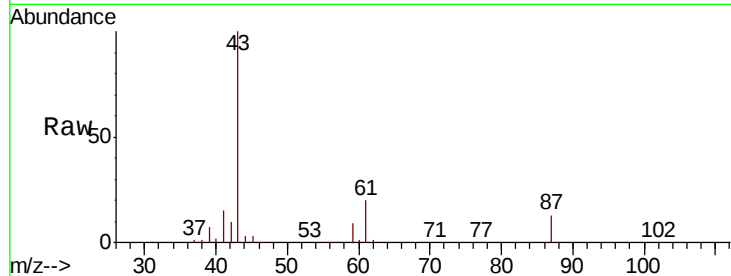
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	332232
Ion	Ratio	Lower	Upper
43	100		
61	19.5	14.2	21.4
87	12.7	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 50.823 ug/l

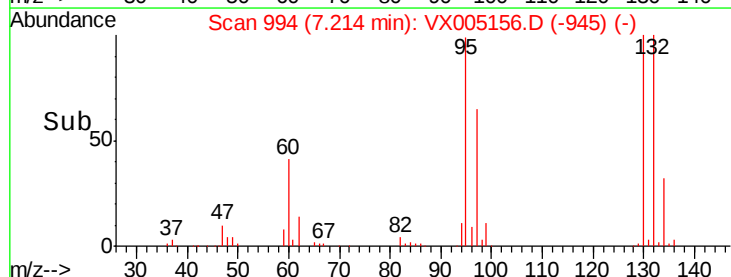
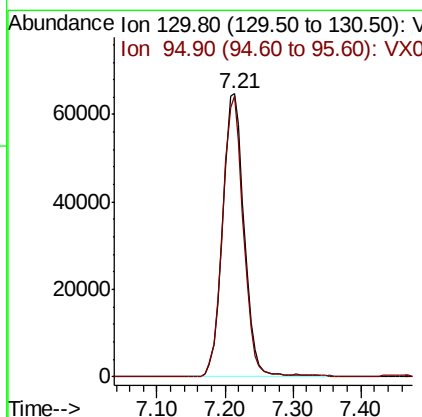
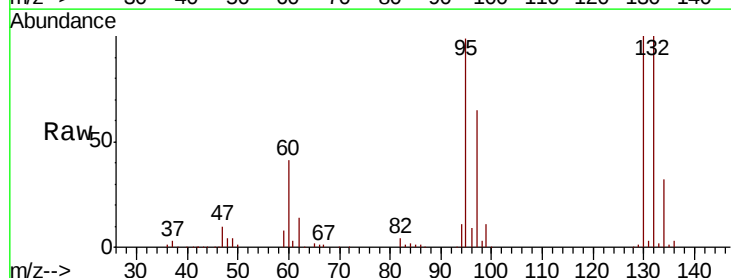
RT: 7.21 min Scan# 994

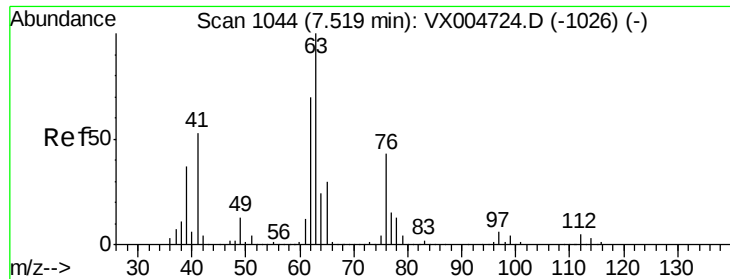
Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Tgt Ion:	130	Resp:	142610
Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	186.8





#45

1,2-Dichloropropane

Concen: 52.085 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 145795

Ion Ratio Lower Upper

63 100

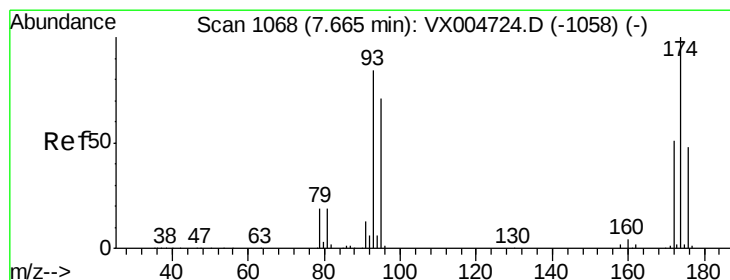
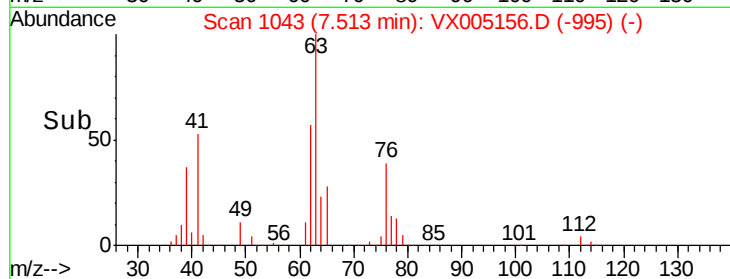
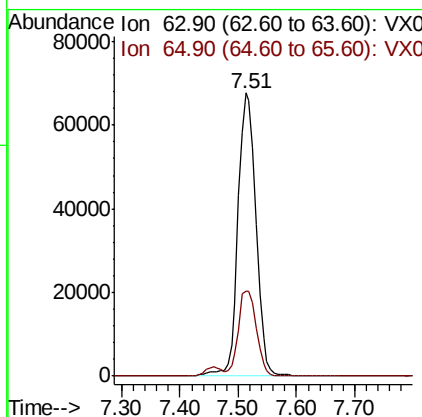
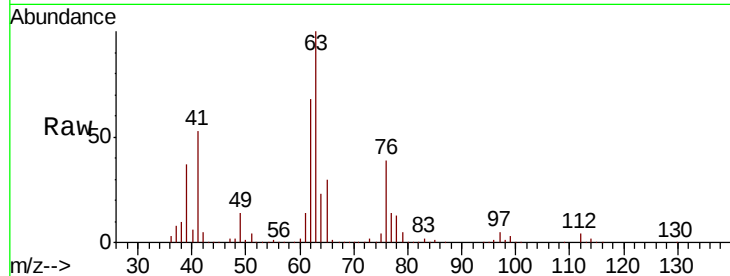
65 29.8 23.9 35.9

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#46

Dibromomethane

Concen: 51.055 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

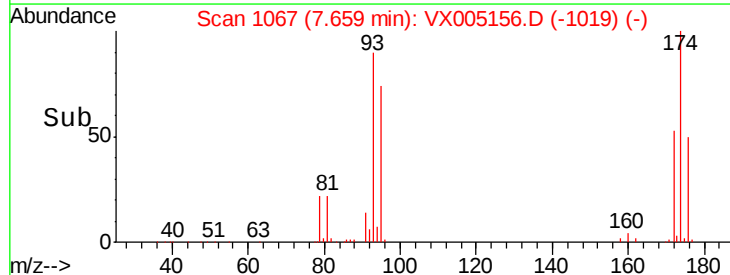
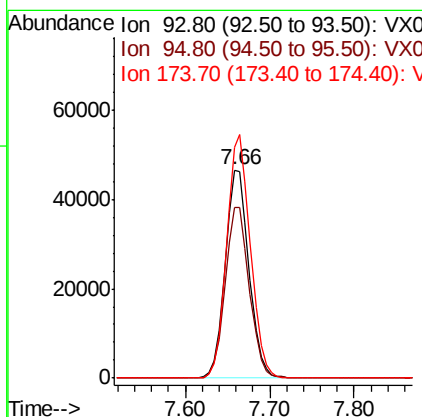
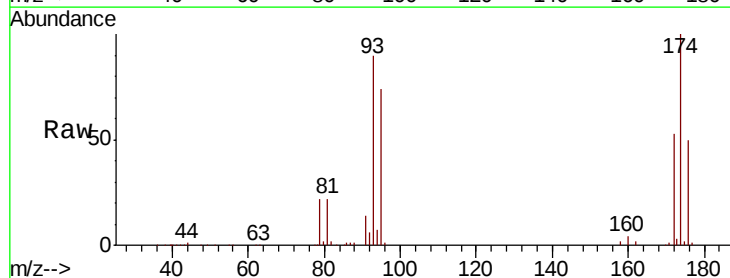
Tgt Ion: 93 Resp: 89814

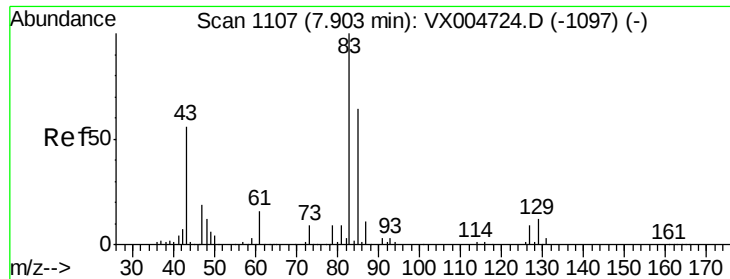
Ion Ratio Lower Upper

93 100

95 83.5 66.7 100.1

174 116.0 92.7 139.1





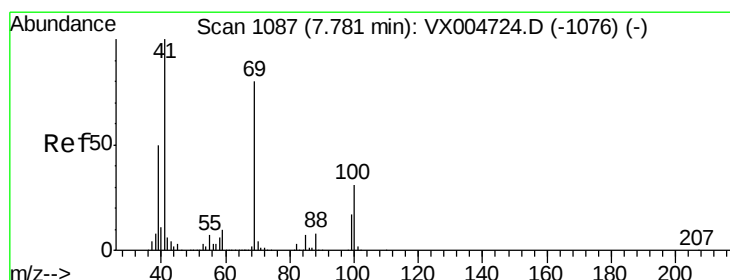
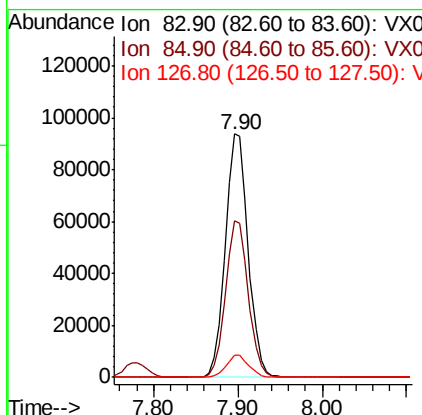
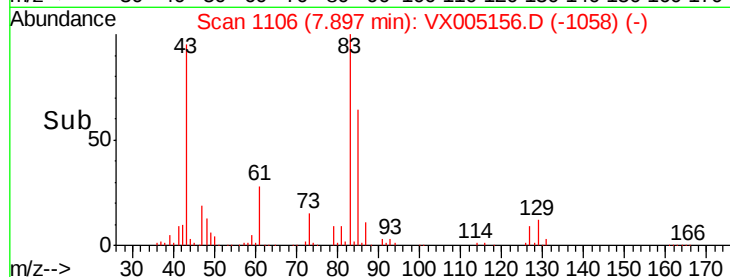
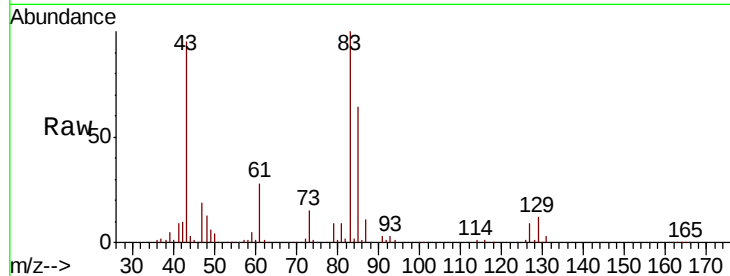
#47
Bromodichloromethane
Concen: 52.545 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	173062		
85	64.2	51.2	76.8	
127	9.1	7.0	10.6	

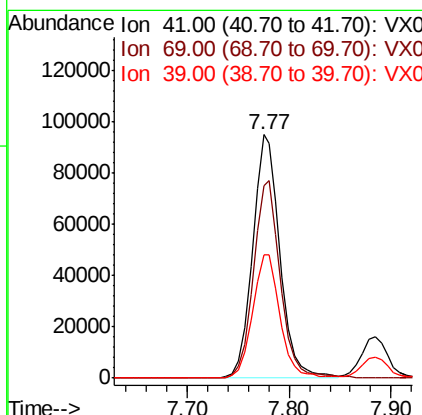
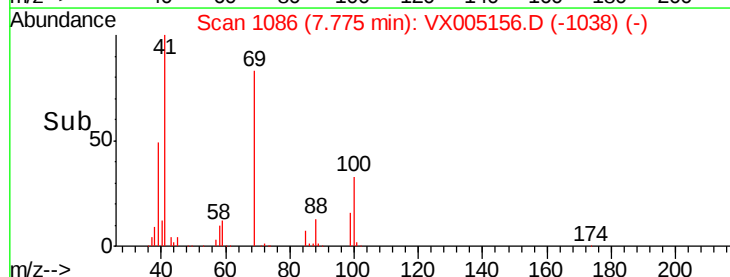
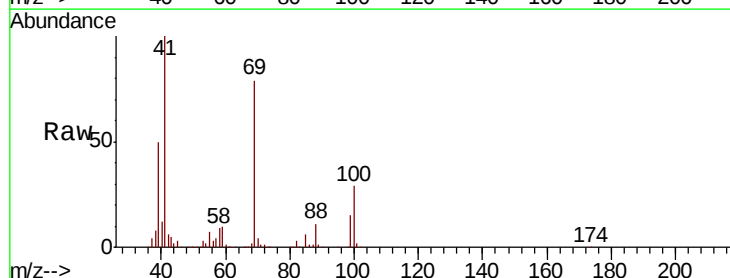
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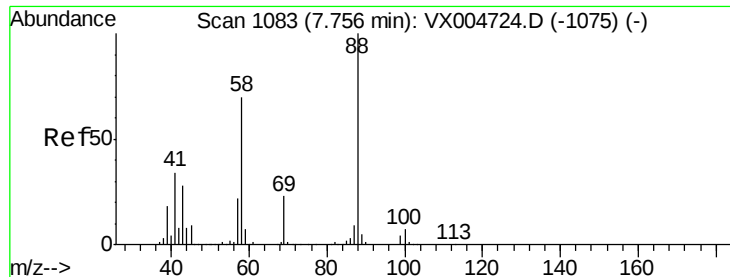
MMDadoda
10/10/2018 2:07:47 PM



#48
Methyl methacrylate
Concen: 55.528 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	176053		
69	80.8	63.8	95.6	
39	50.9	40.7	61.1	





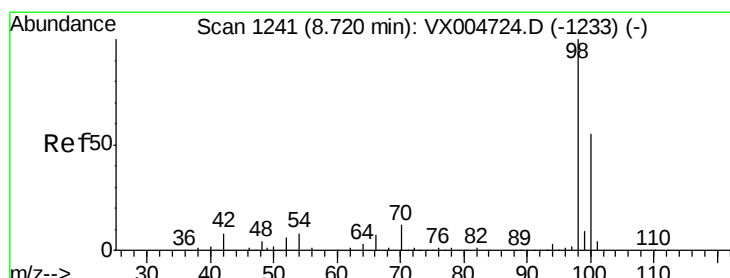
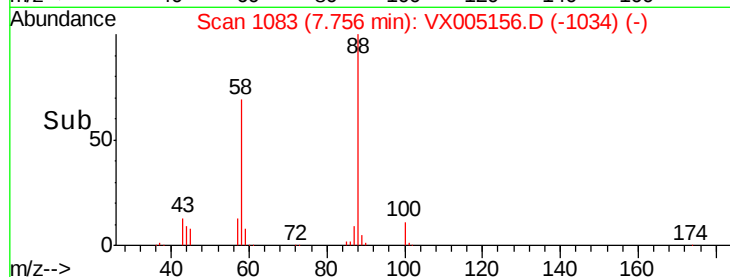
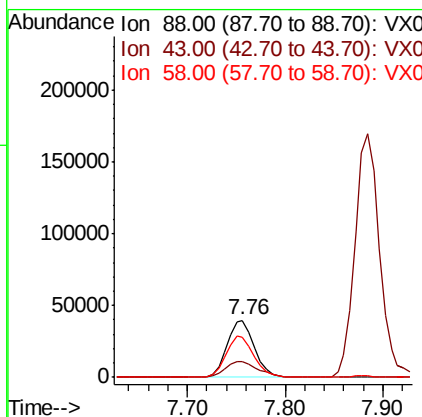
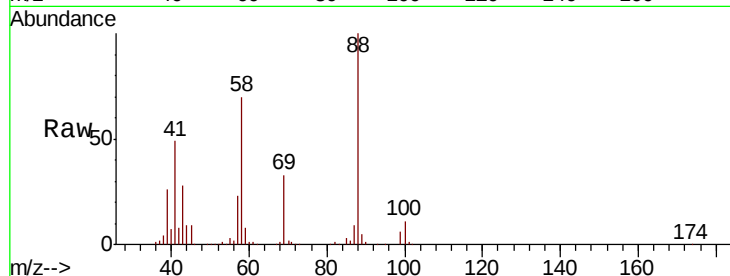
#49
1,4-Dioxane
Concen: 975.308 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	25.1	37.7
58	74.0	56.2	84.2

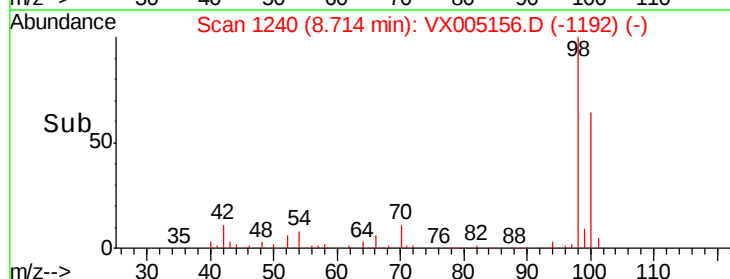
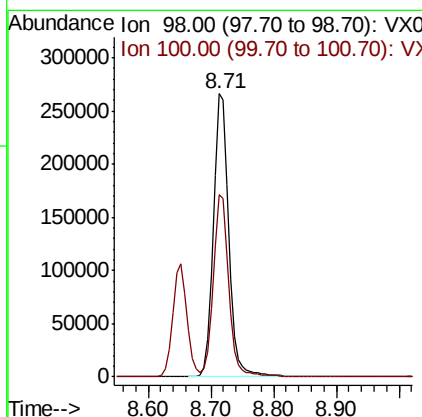
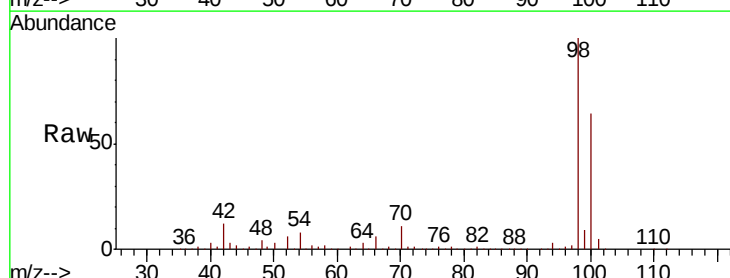
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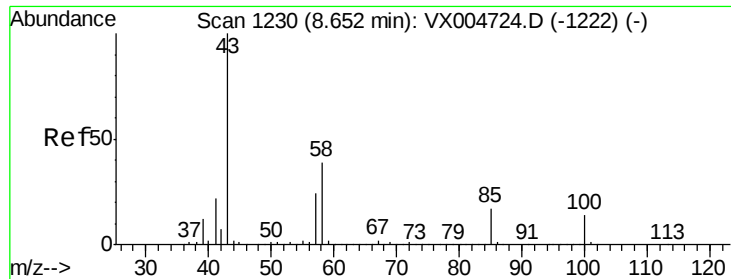
MMDadoda
10/10/2018 2:07:47 PM



#50
Toluene-d8
Concen: 50.681 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9





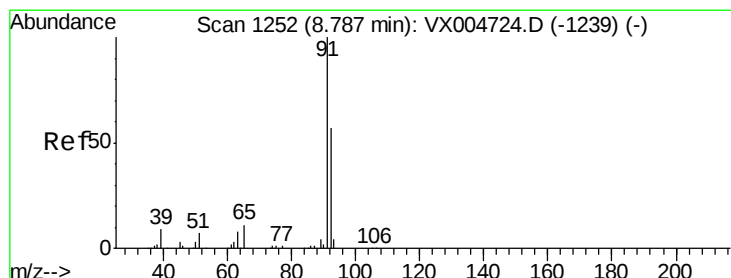
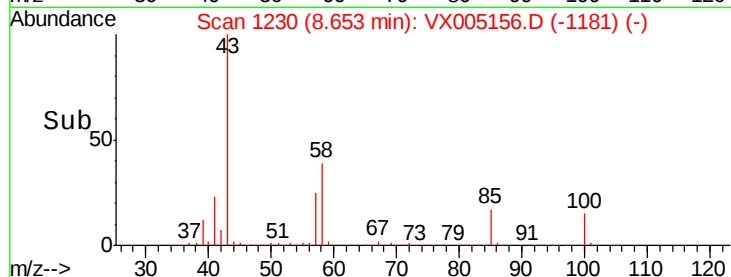
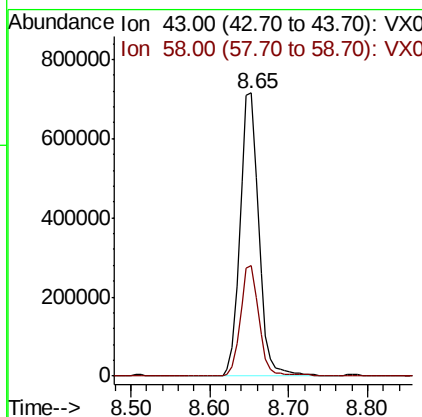
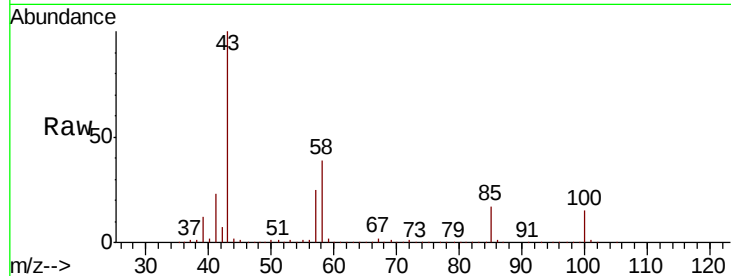
#51
4-Methyl-2-Pentanone
Concen: 269.877 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1186986
Ion Ratio Lower Upper
43 100
58 38.7 30.5 45.7

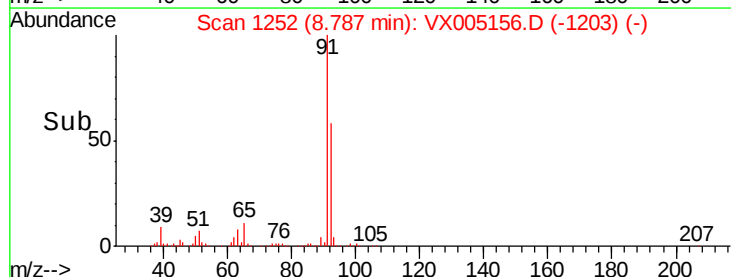
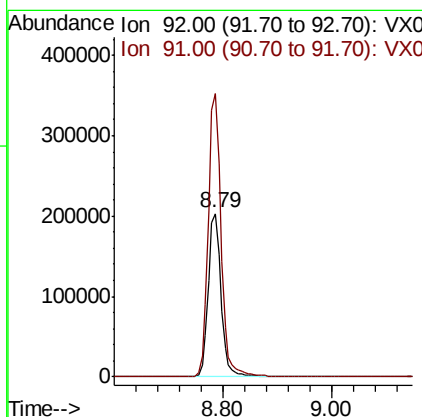
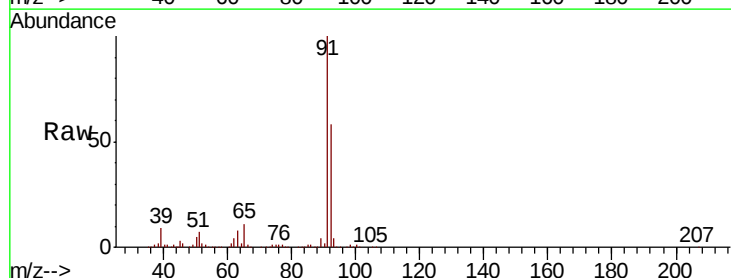
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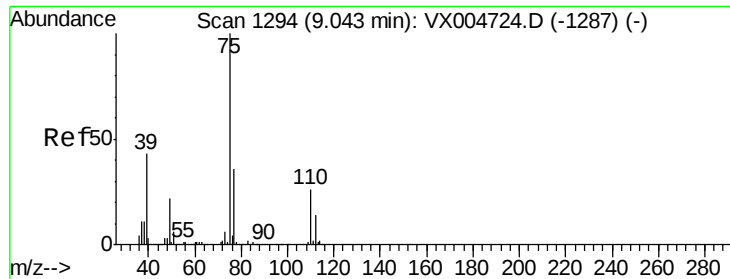
MMDadoda
10/10/2018 2:07:47 PM



#52
Toluene
Concen: 52.995 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 92 Resp: 332381
Ion Ratio Lower Upper
92 100
91 173.9 136.7 205.1





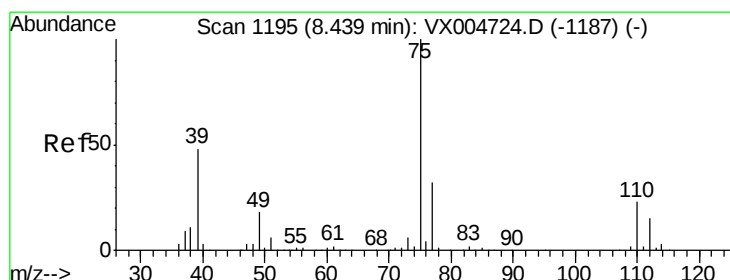
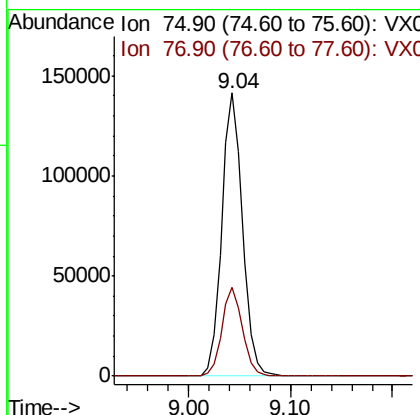
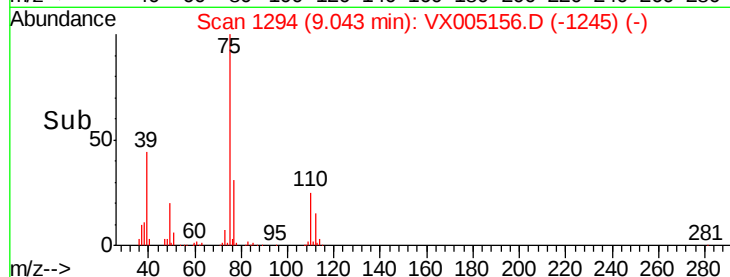
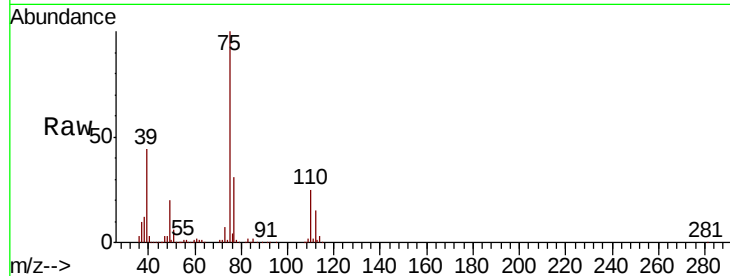
#53
t-1,3-Dichloropropene
Concen: 53.681 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	28.9	43.3

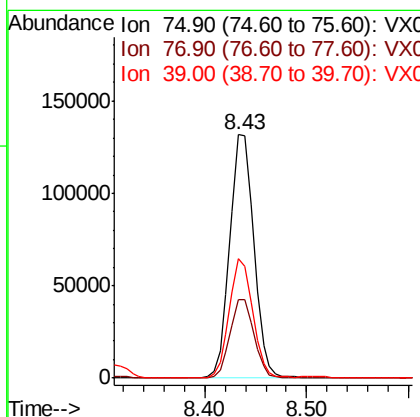
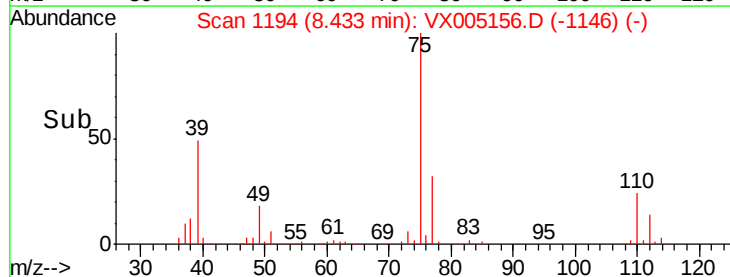
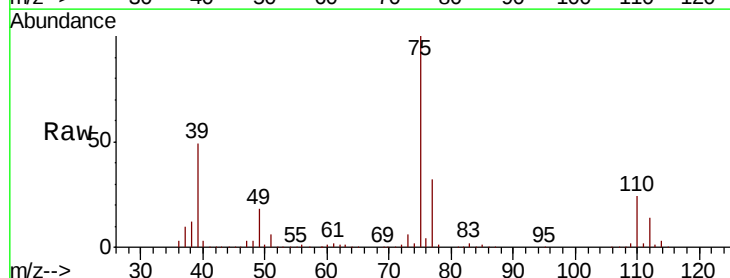
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#54
cis-1,3-Dichloropropene
Concen: 55.226 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5
39	49.0	38.3	57.5





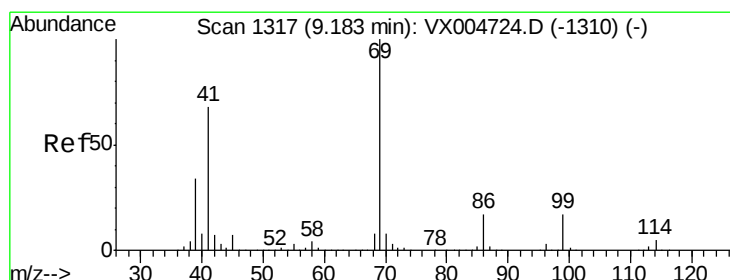
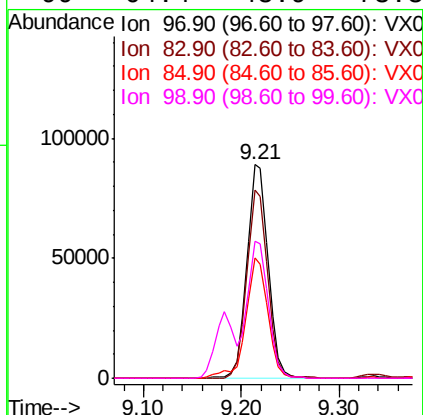
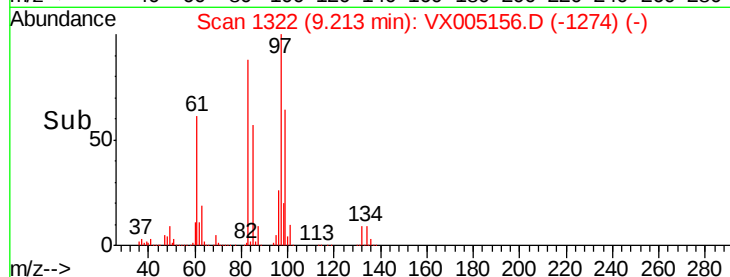
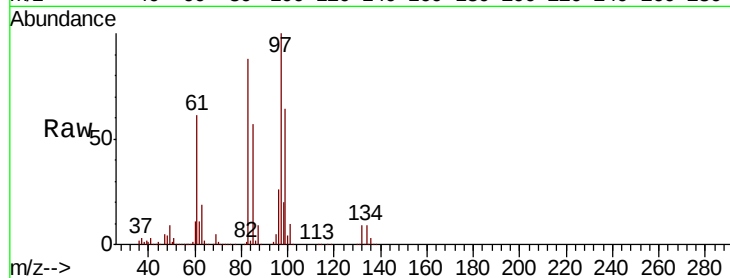
#55
 1,1,2-Trichloroethane
 Concen: 48.803 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	134077
Ion Ratio	Lower	Upper	
97	100		
83	88.0	68.2	102.2
85	56.5	49.9	74.9
99	64.4	48.9	73.3

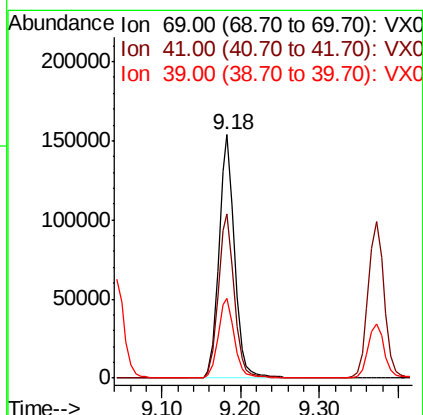
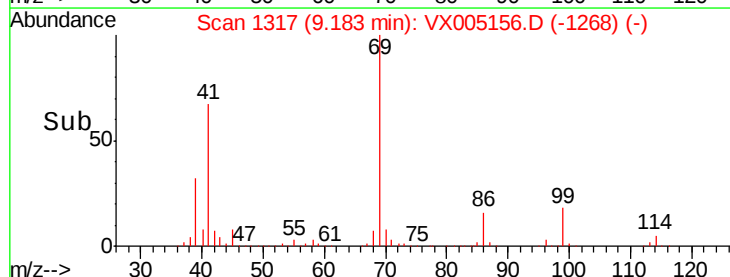
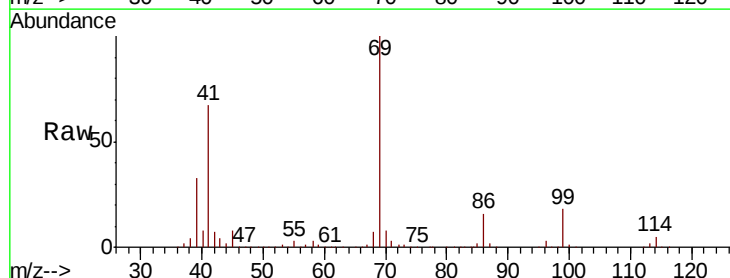
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#56
 Ethyl methacrylate
 Concen: 47.869 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion:	69	Resp:	212834
Ion Ratio	Lower	Upper	
69	100		
41	68.9	56.9	85.3
39	33.7	28.4	42.6





#57

1,3-Dichloropropane

Concen: 49.576 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 22687

Ion Ratio Lower Upper

76 100

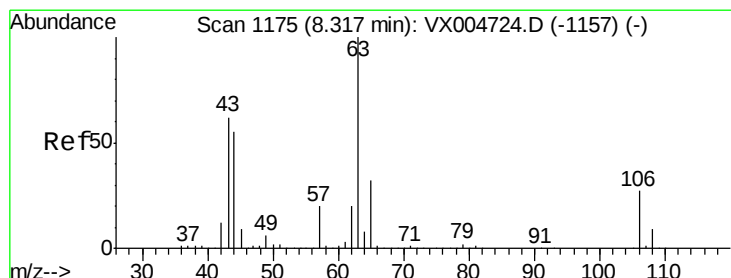
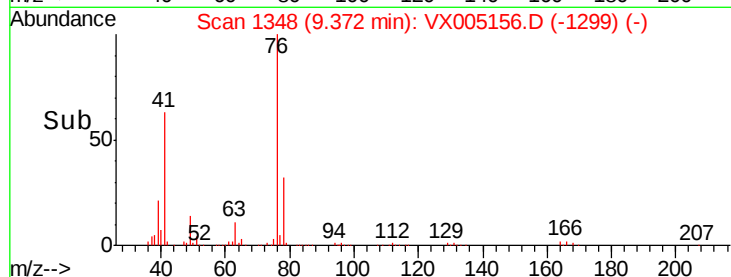
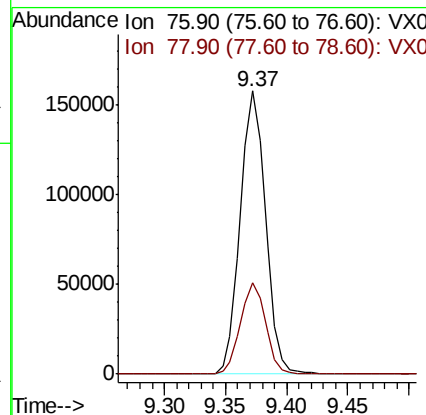
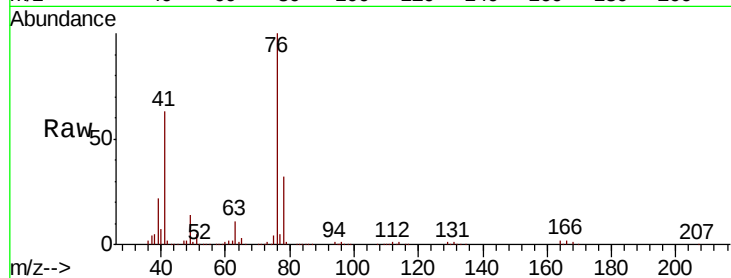
78 32.0 26.6 40.0

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#58

2-Chloroethyl Vinyl ether

Concen: 244.730 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005156.D

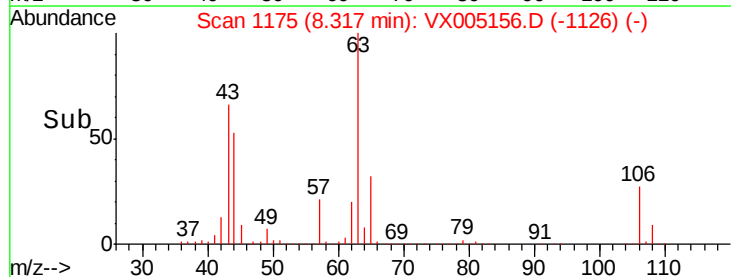
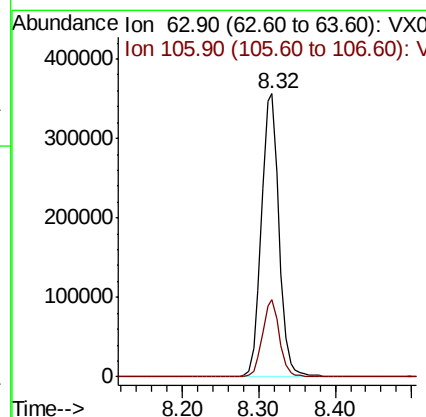
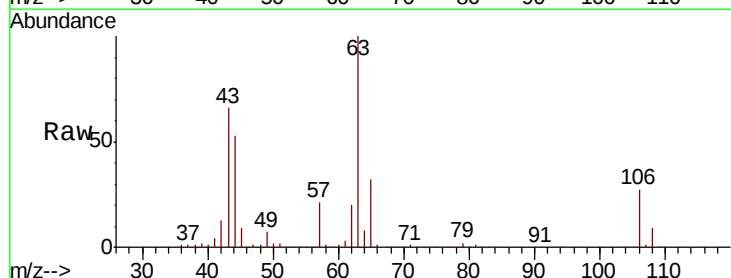
Acq: 09 Oct 2018 13:58

Tgt Ion: 63 Resp: 578577

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.6





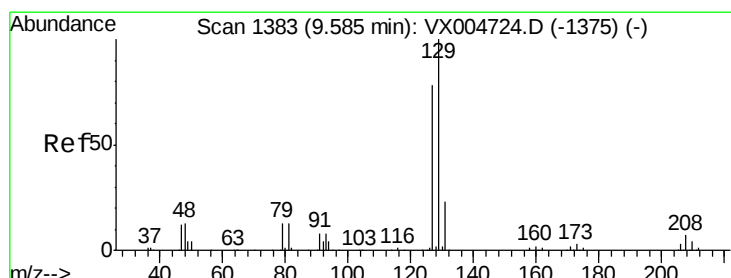
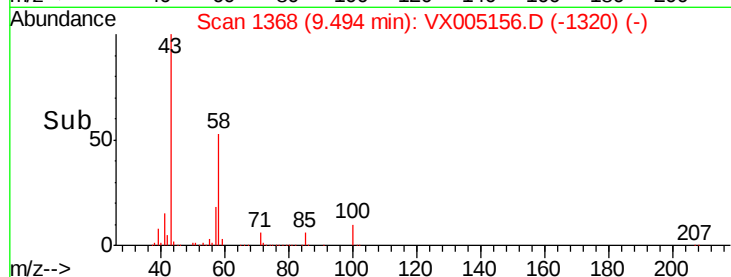
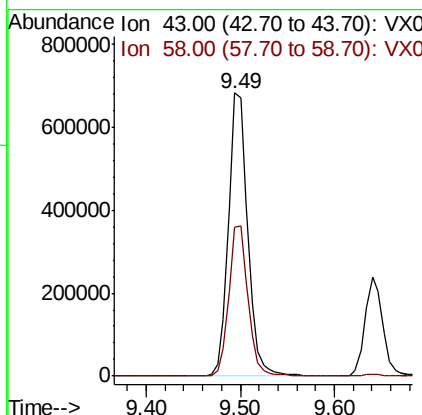
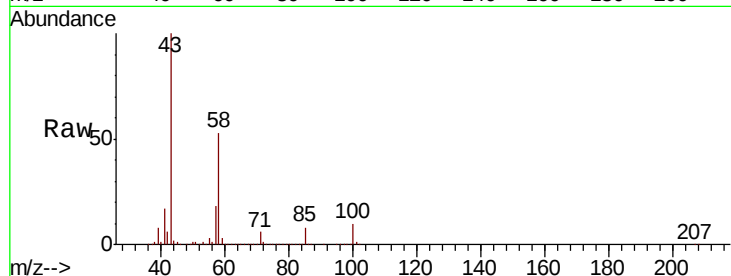
#59
2-Hexanone
Concen: 265.100 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 971628
Ion Ratio Lower Upper
43 100
58 53.0 28.4 85.3

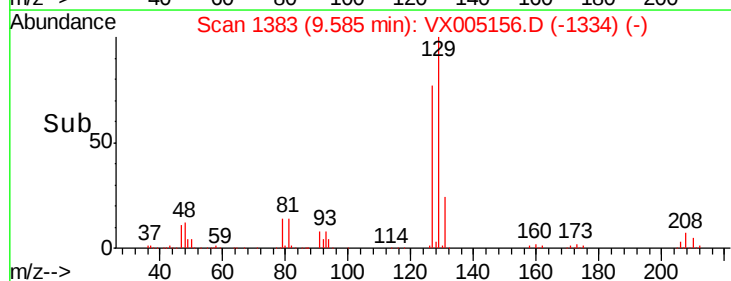
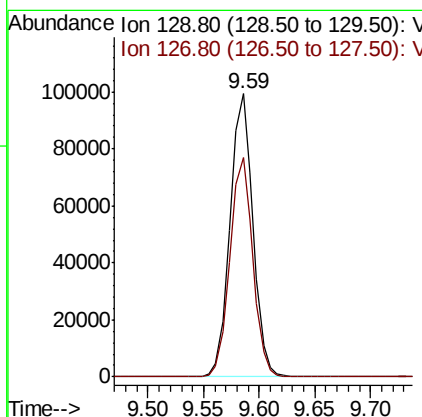
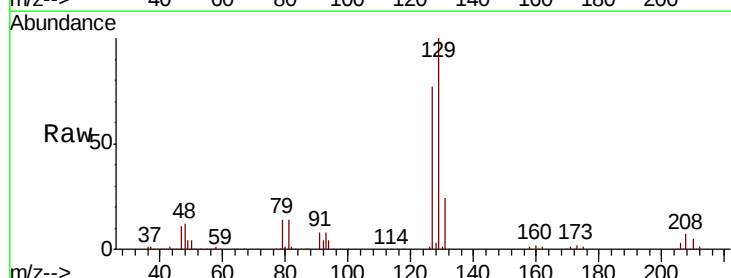
Manual Integrations
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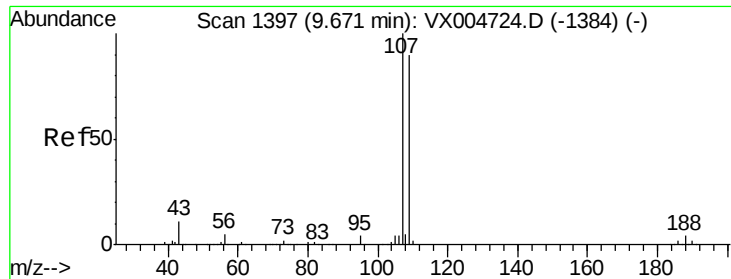
MMDadoda
10/10/2018 2:07:47 PM



#60
Dibromochloromethane
Concen: 51.250 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 129 Resp: 140812
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.628 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 140133

Ion Ratio Lower Upper

107 100

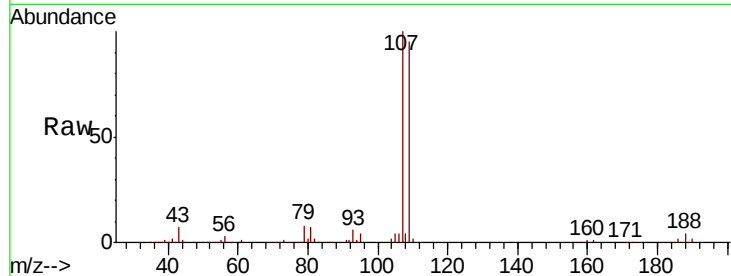
109 94.8 72.1 108.1

Manual Integrations

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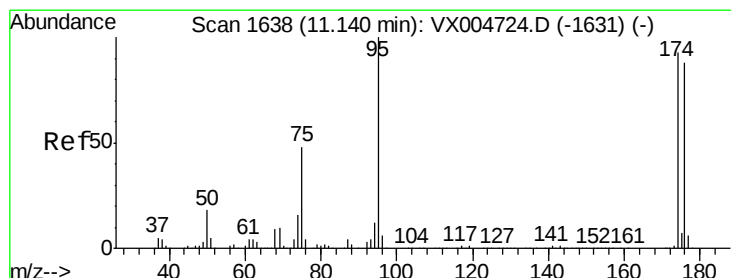
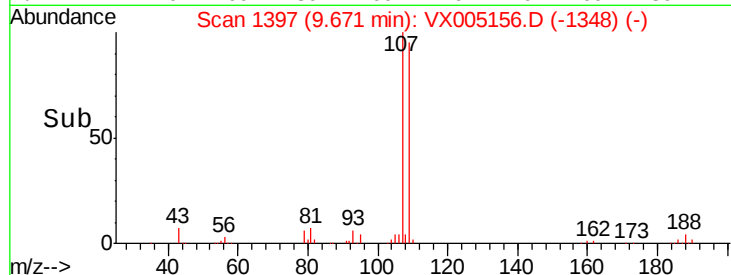
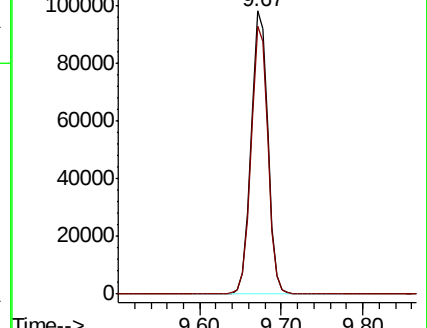
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.396 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

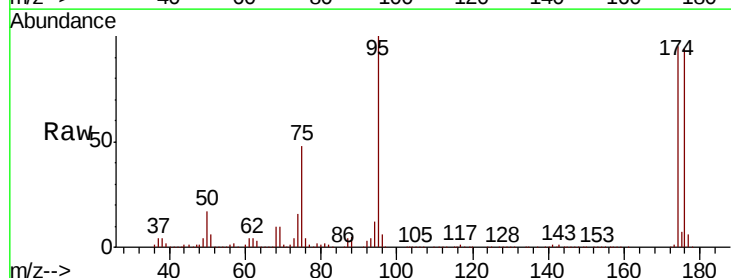
Tgt Ion: 95 Resp: 170891

Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.0

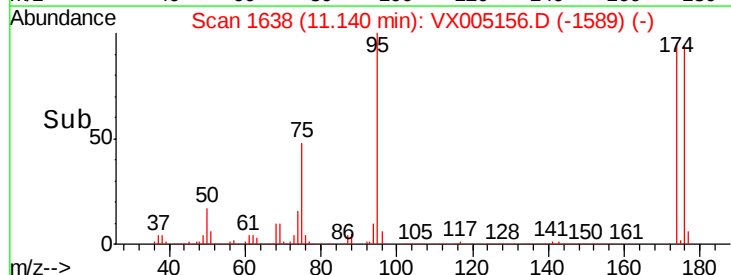
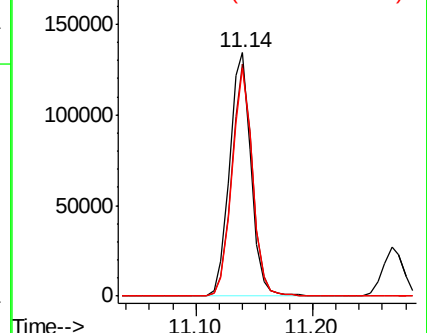
176 90.1 0.0 180.2

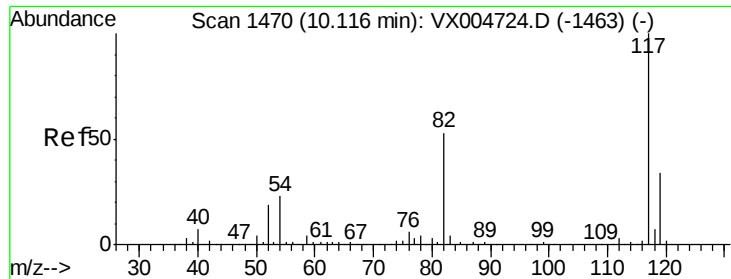


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

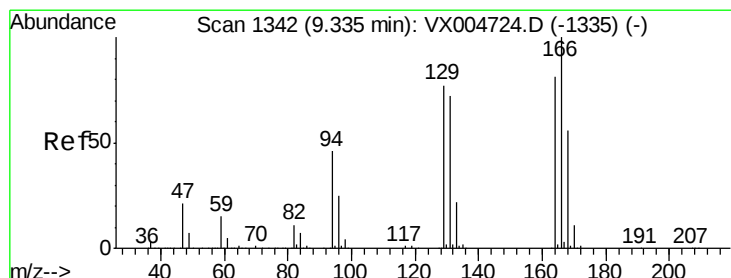
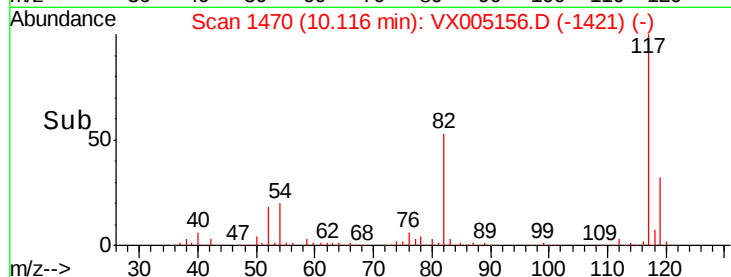
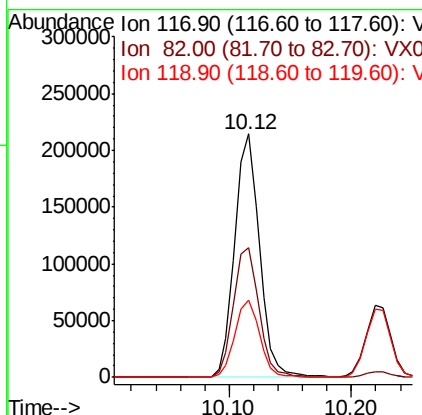
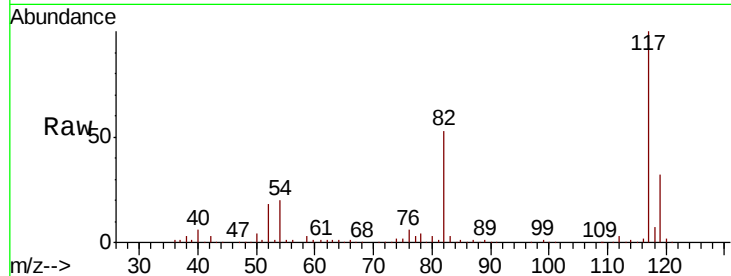
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	300991
Ion Ratio	Lower	Upper	
117	100		
82	53.1	42.2	63.4
119	31.6	27.4	41.0

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#64

Tetrachloroethene

Concen: 48.052 ug/l

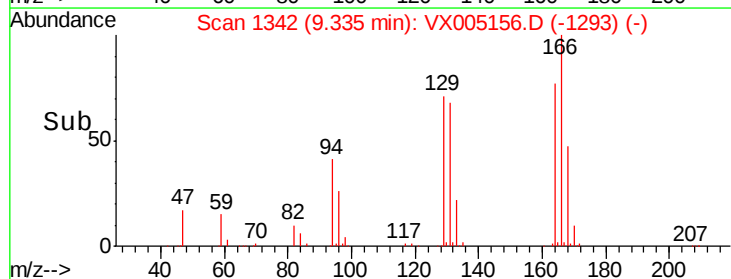
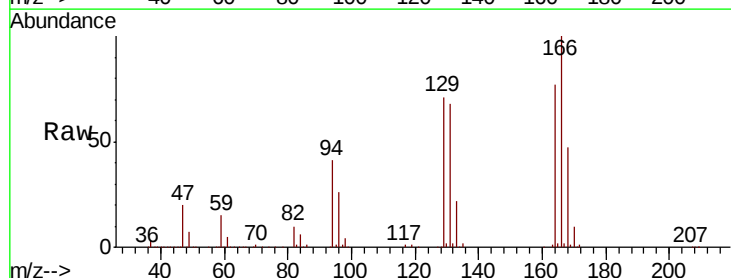
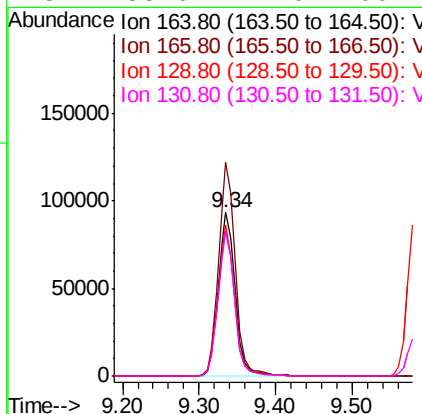
RT: 9.34 min Scan# 1342

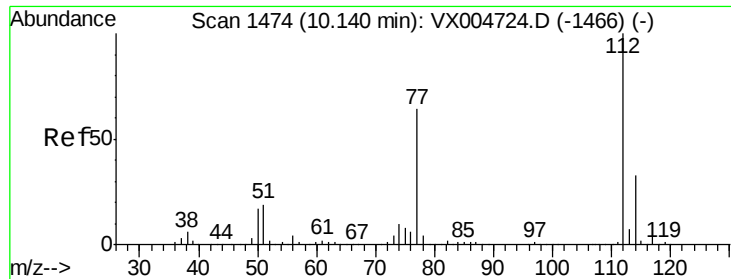
Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Tgt Ion:	164	Resp:	142350
Ion Ratio	Lower	Upper	
164	100		
166	130.6	98.4	147.6
129	92.2	76.1	114.1
131	88.6	71.0	106.4





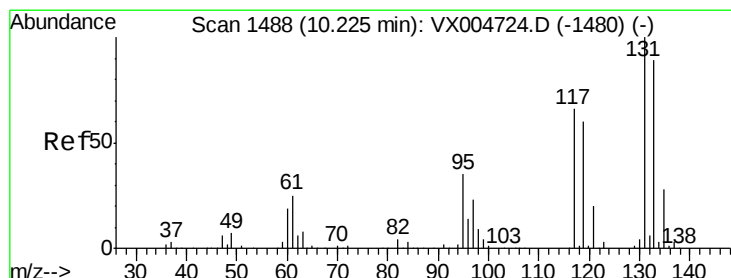
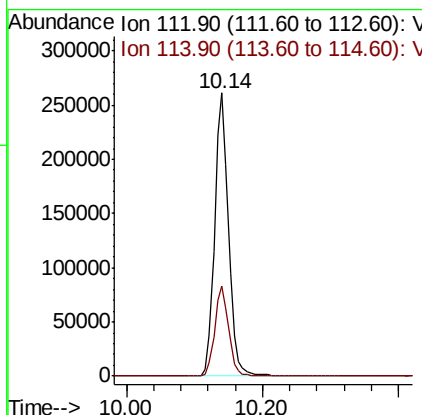
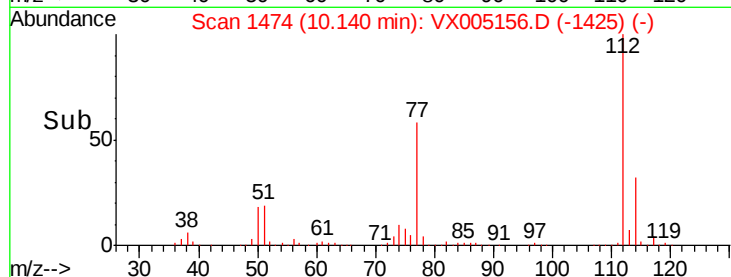
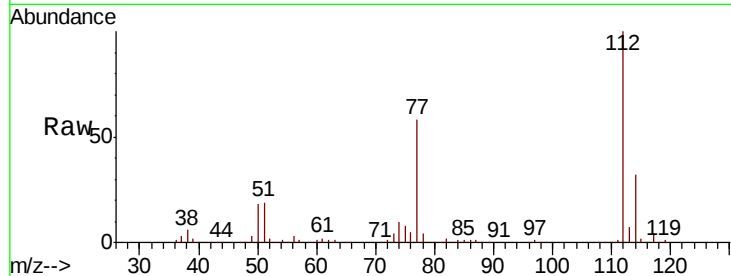
#65
Chlorobenzene
Concen: 47.901 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 369713
Ion Ratio Lower Upper
112 100
114 32.0 26.7 40.1

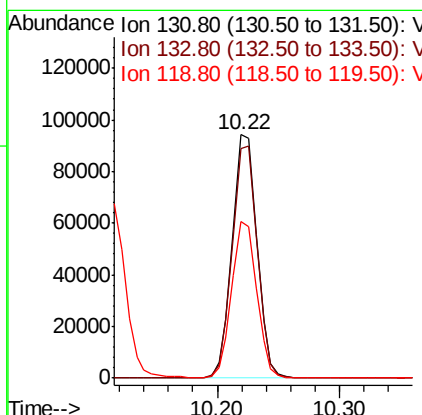
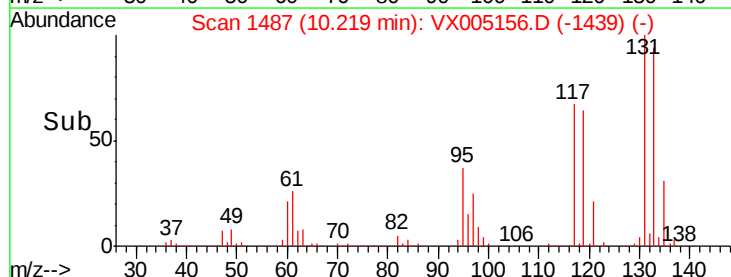
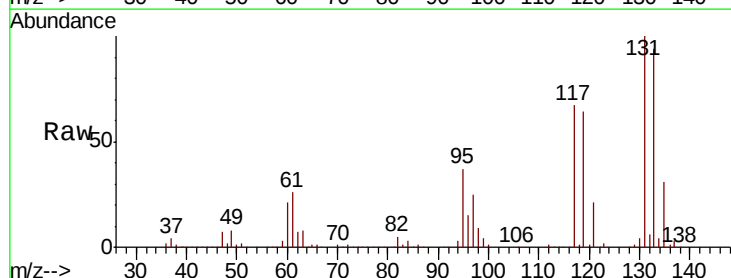
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.629 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion:131 Resp: 131951
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.0
119 65.0 32.3 96.8





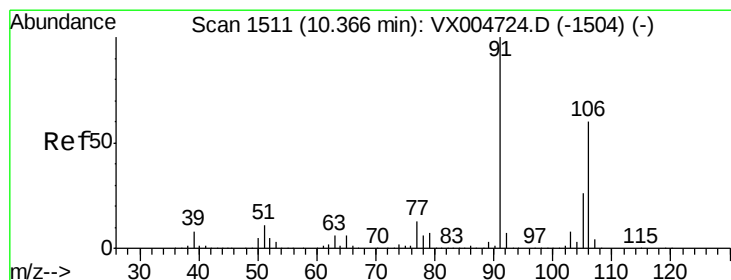
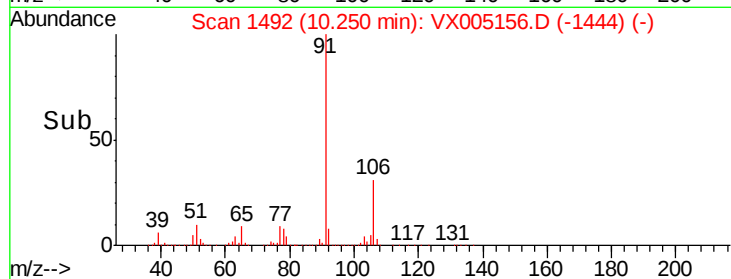
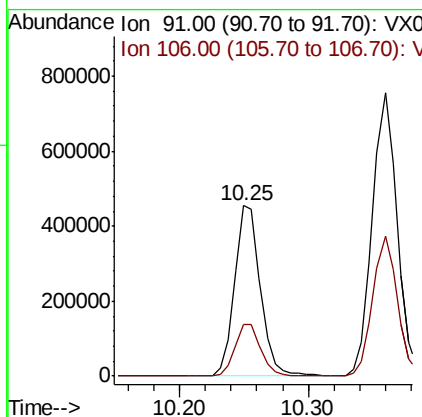
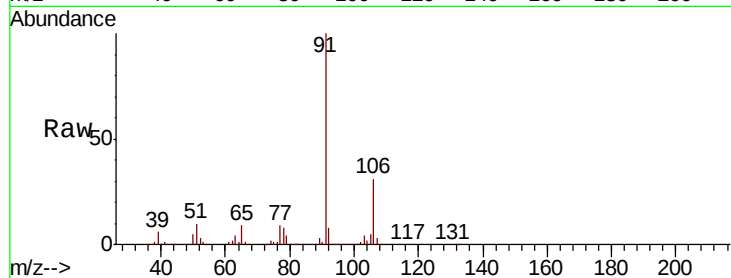
#67
Ethyl Benzene
Concen: 52.008 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 637292
Ion Ratio Lower Upper
91 100
106 30.5 26.9 40.3

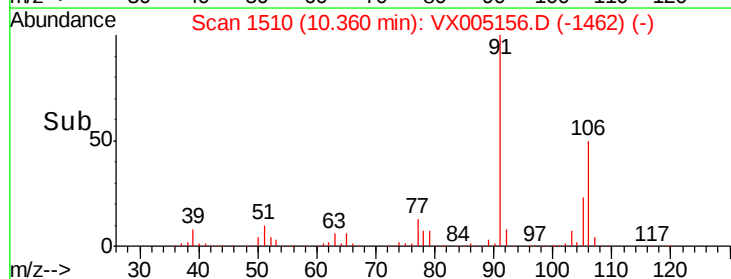
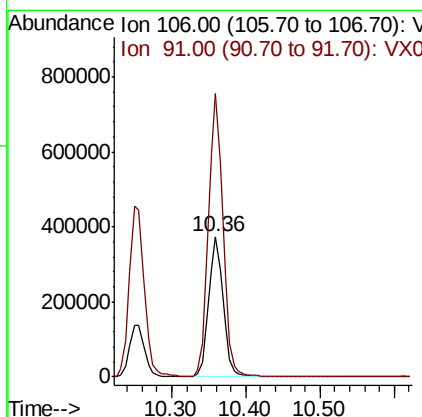
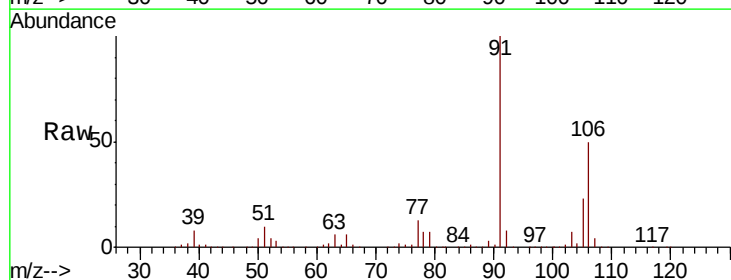
Manual Integrations
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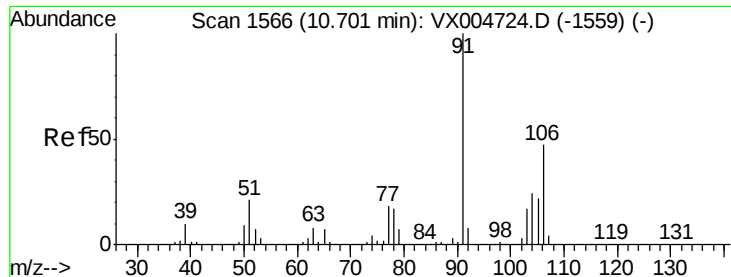
MMDadoda
10/10/2018 2:07:47 PM



#68
m/p-Xylenes
Concen: 104.294 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion: 106 Resp: 499401
Ion Ratio Lower Upper
106 100
91 202.4 157.5 236.3





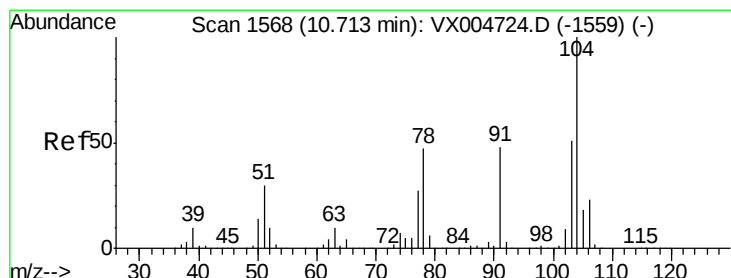
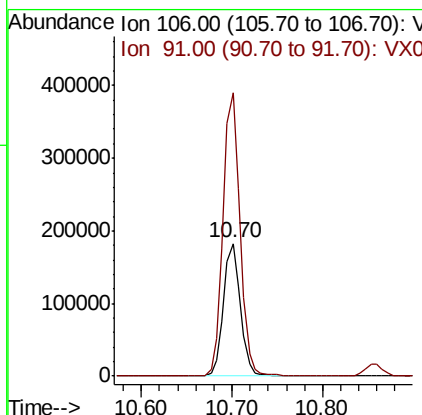
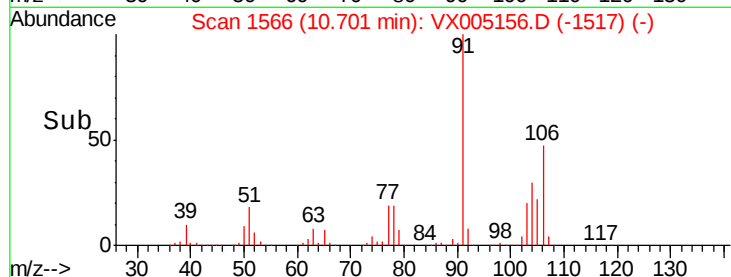
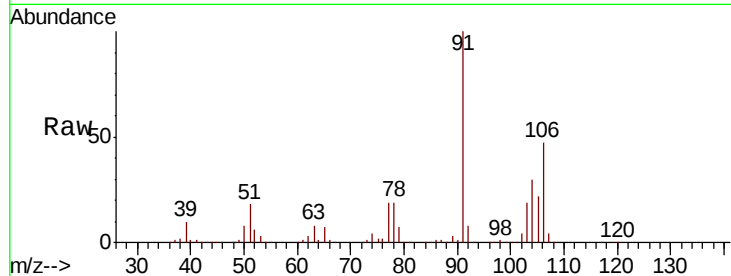
#69
o-Xylene
Concen: 54.038 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 237665
Ion Ratio Lower Upper
106 100
91 215.2 108.3 324.8

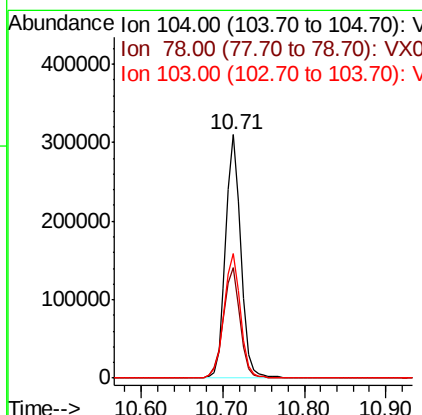
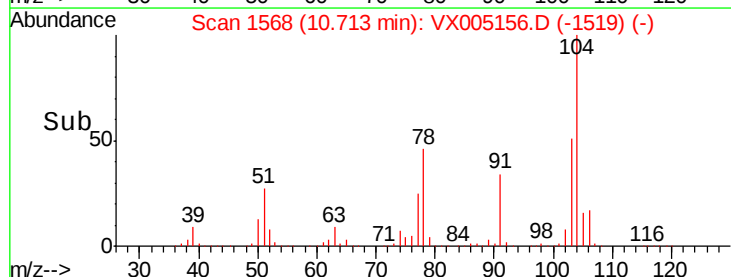
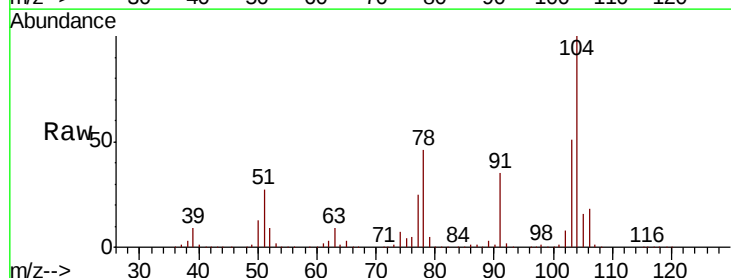
Manual Integrations
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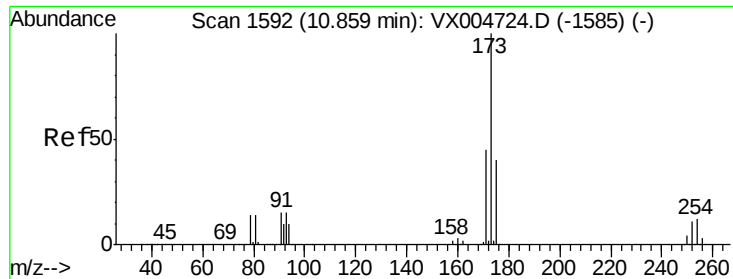
MMDadoda
10/10/2018 2:07:47 PM



#70
Styrene
Concen: 48.786 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion:104 Resp: 400856
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 55.6 44.3 66.5





#71

Bromoform

Concen: 50.059 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

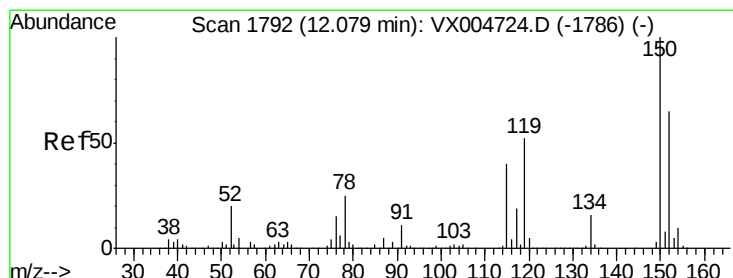
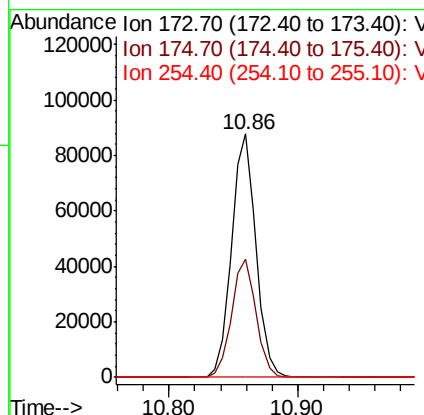
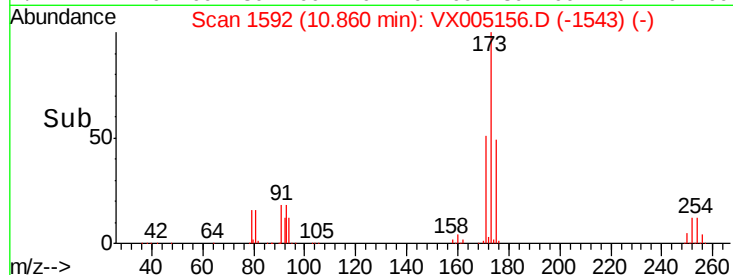
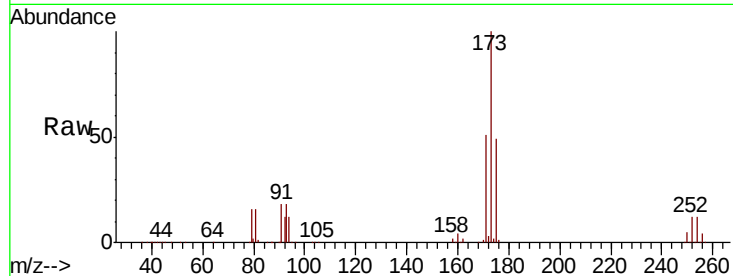
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	116289
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.3	69.8
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

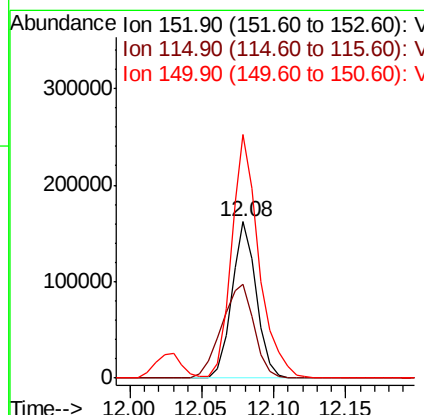
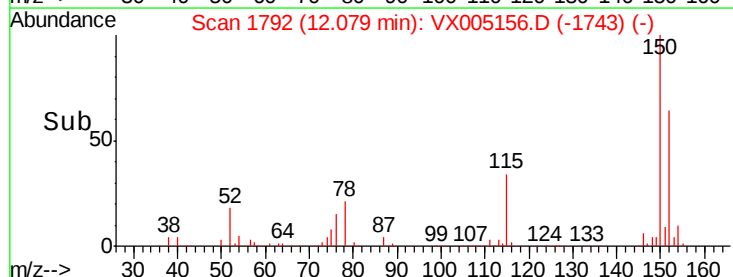
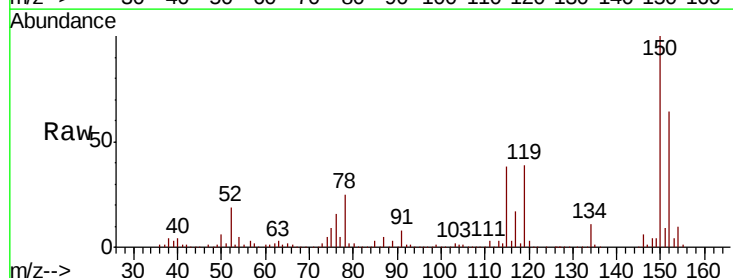
RT: 12.08 min Scan# 1792

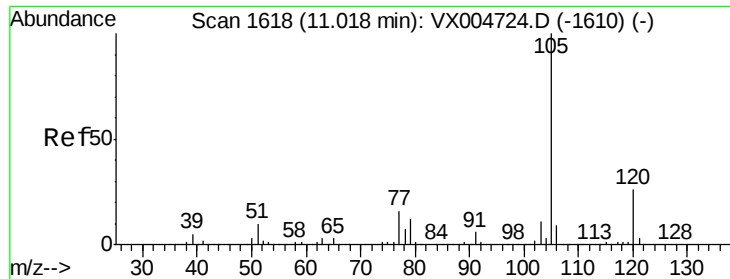
Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Tgt Ion:	152	Resp:	192836
Ion Ratio	Lower	Upper	
152	100		
115	79.5	40.2	120.6
150	173.8	0.0	351.0





#73

Isopropylbenzene

Concen: 53.593 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 651411

Ion Ratio Lower Upper

105 100

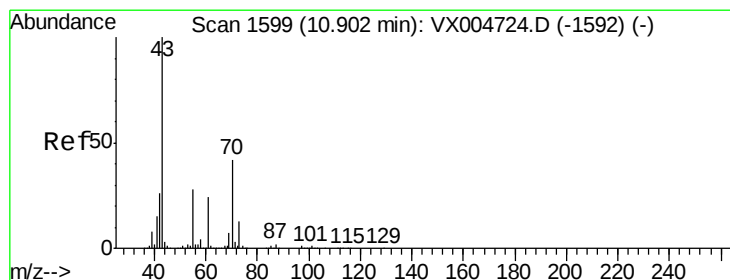
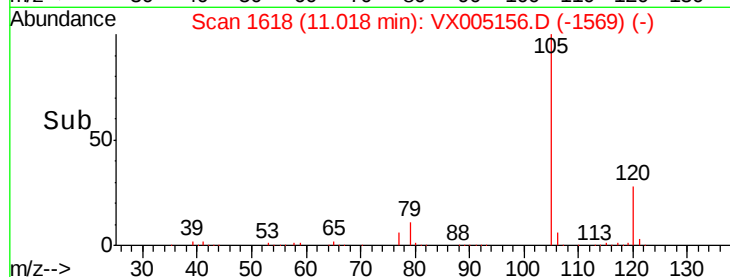
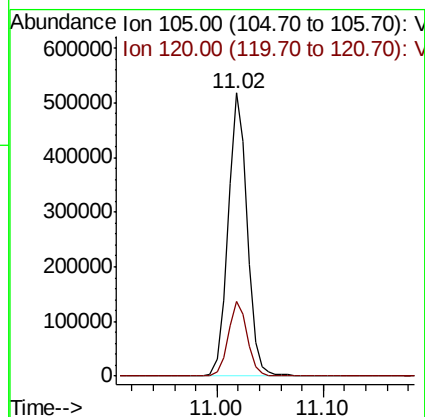
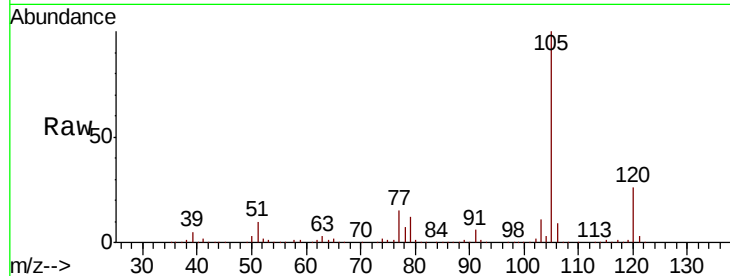
120 26.5 13.2 39.5

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#74

N-ethyl acetate

Concen: 45.527 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Tgt Ion: 43 Resp: 303069

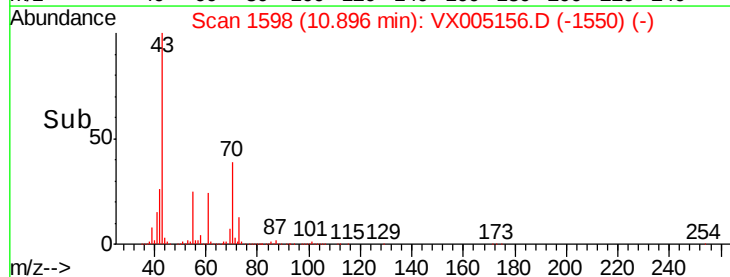
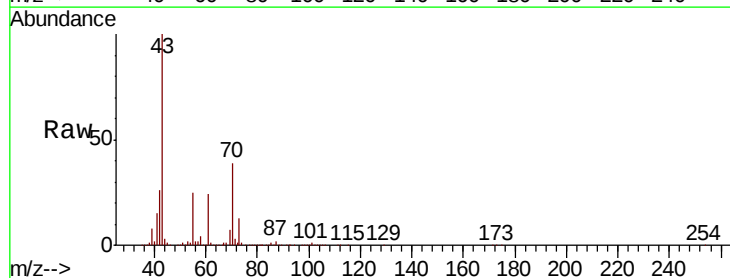
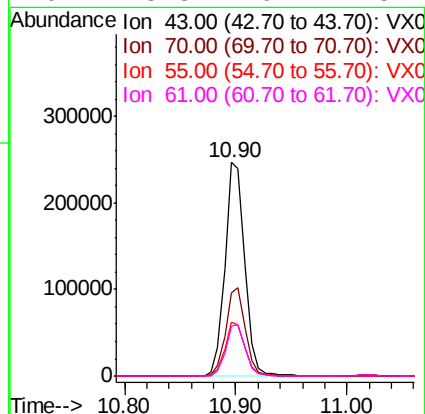
Ion Ratio Lower Upper

43 100

70 40.7 32.6 48.8

55 25.1 21.6 32.4

61 23.8 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 44.292 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

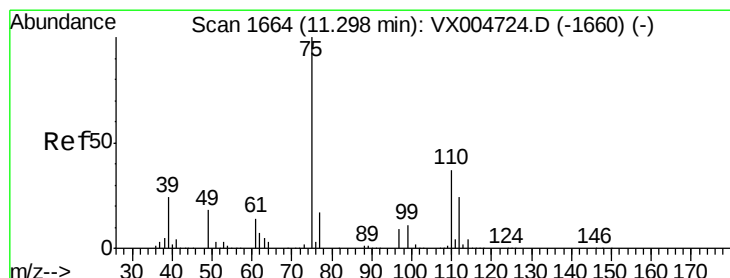
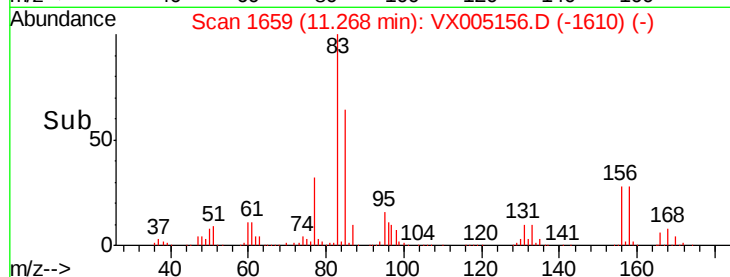
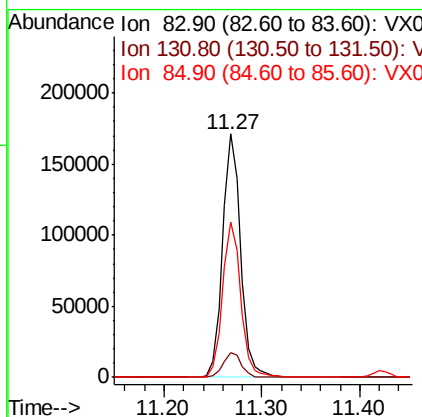
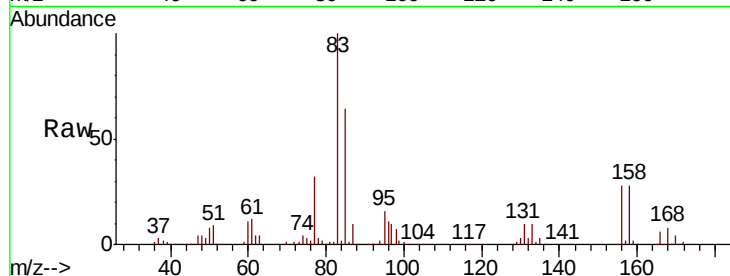
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	219149
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.558 ug/l m

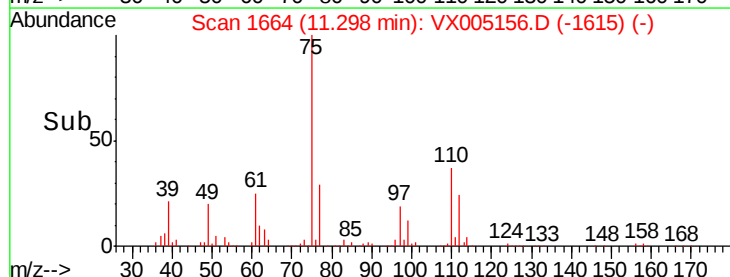
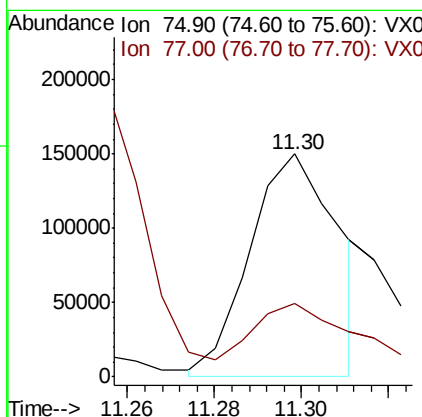
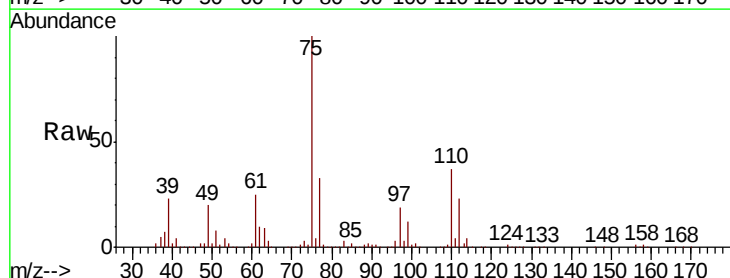
RT: 11.30 min Scan# 1664

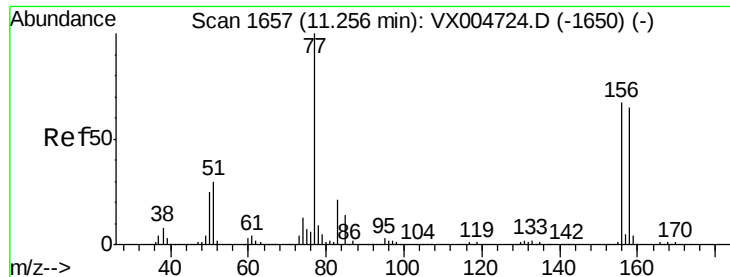
Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Tgt Ion:	75	Resp:	209874
Ion Ratio	Lower	Upper	
75	100		
77	40.3	21.4	64.3





#77

Bromobenzene

Concen: 48.366 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

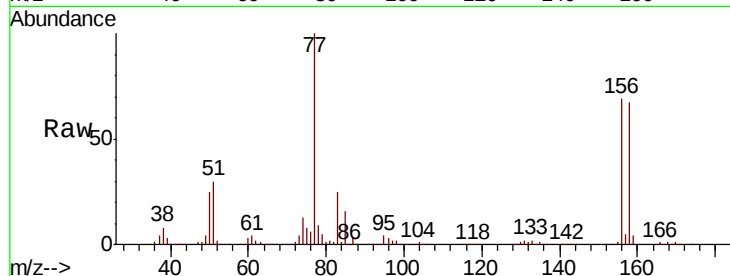
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.4	73.4	220.2
158	97.5	49.1	147.4

Manual Integrations
APPROVED

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10/10/2018 2:07:47 PM

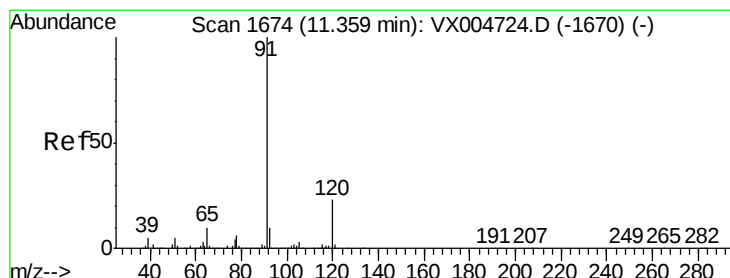
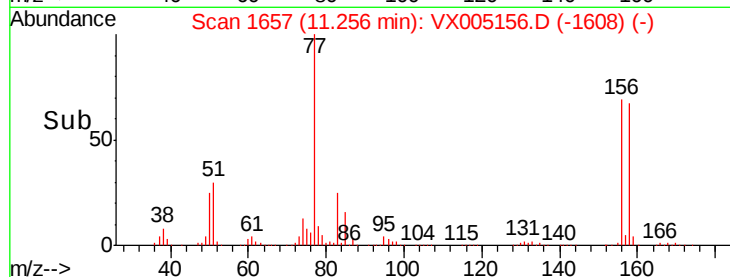
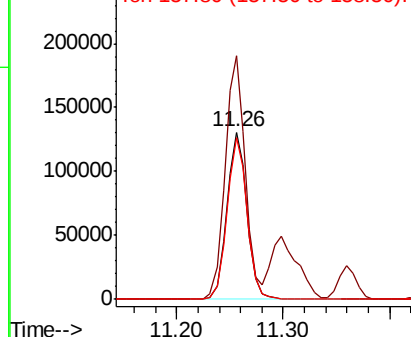


Abundance

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: 54.808 ug/l

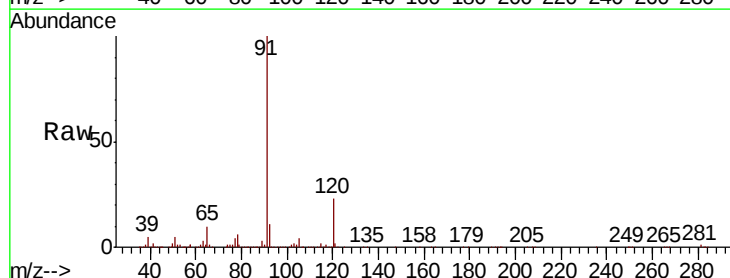
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

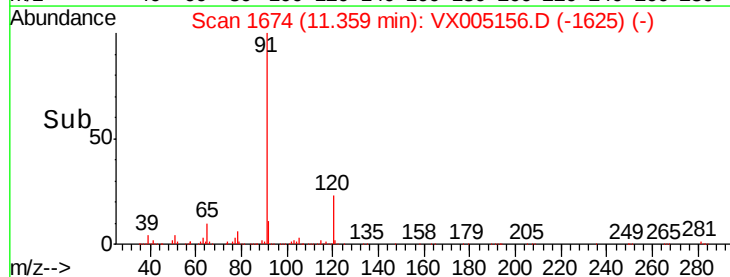
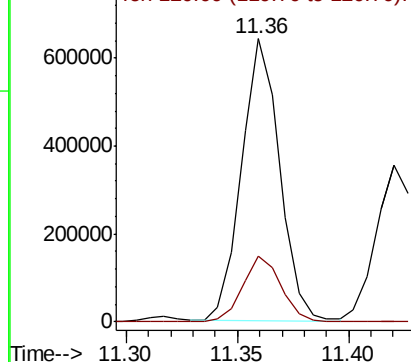
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.0	36.0



Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.943 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 442843

Ion Ratio Lower Upper

91 100

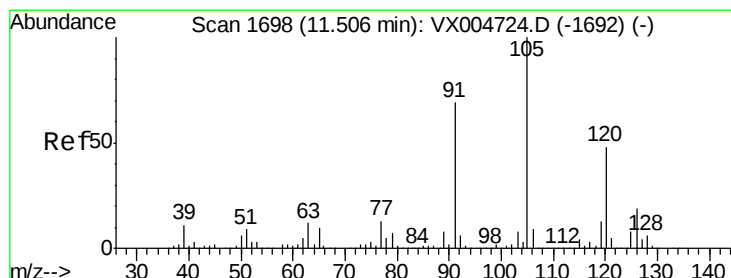
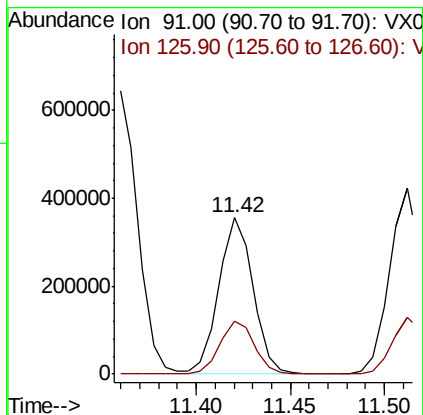
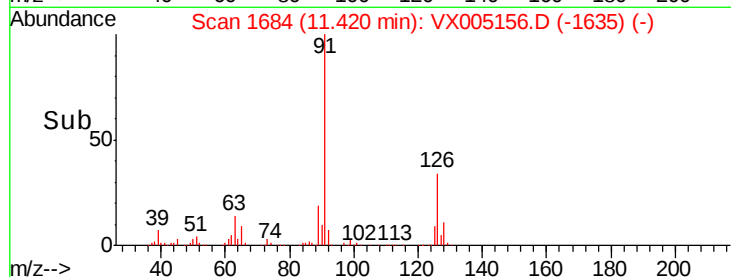
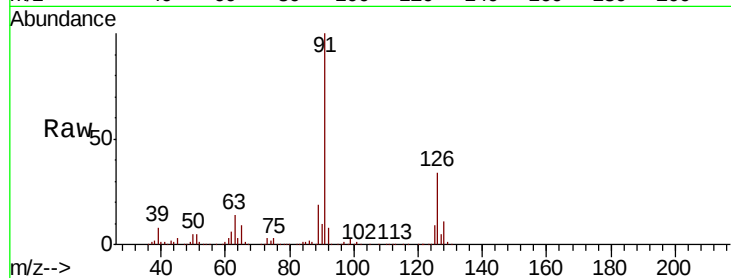
126 34.9 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.419 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005156.D

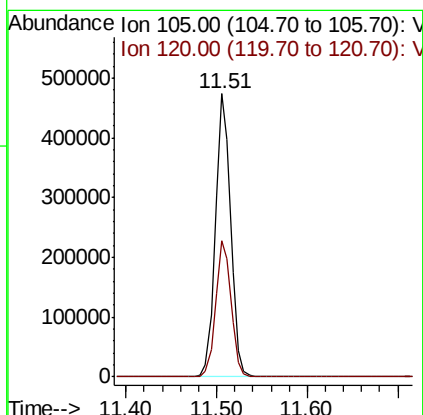
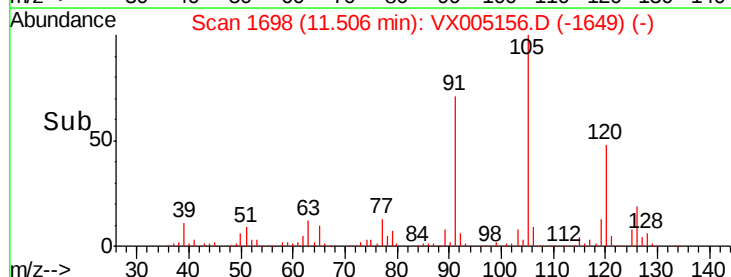
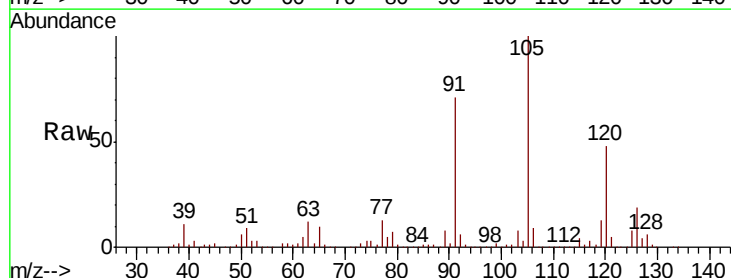
Acq: 09 Oct 2018 13:58

Tgt Ion: 105 Resp: 561663

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





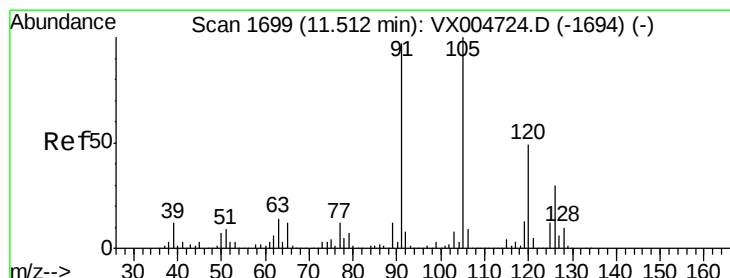
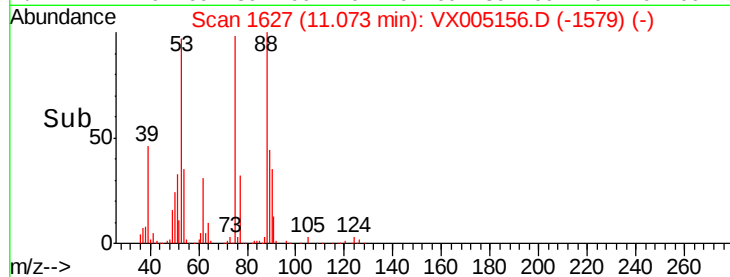
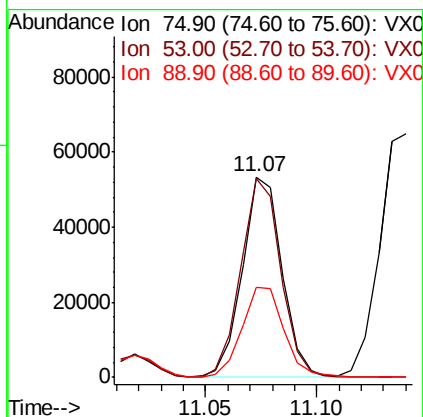
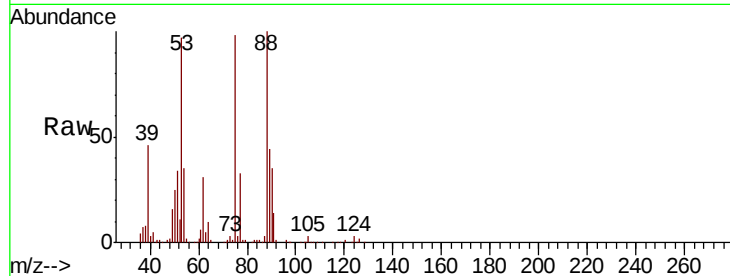
#81
trans-1,4-Dichloro-2-butene
Concen: 41.829 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.6	80.2	120.4
89	48.1	37.1	55.7

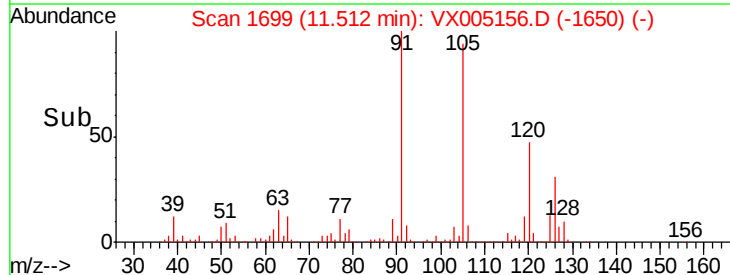
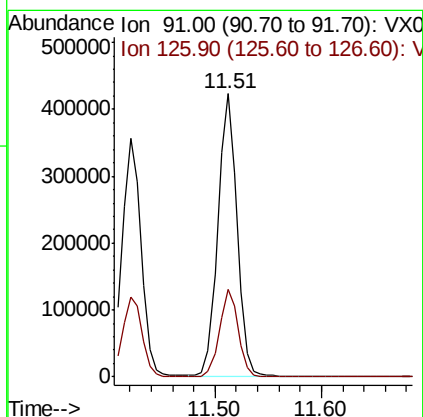
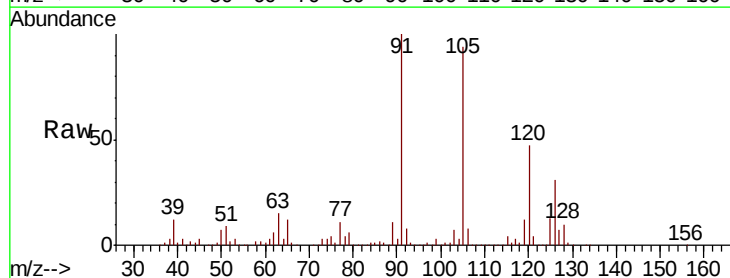
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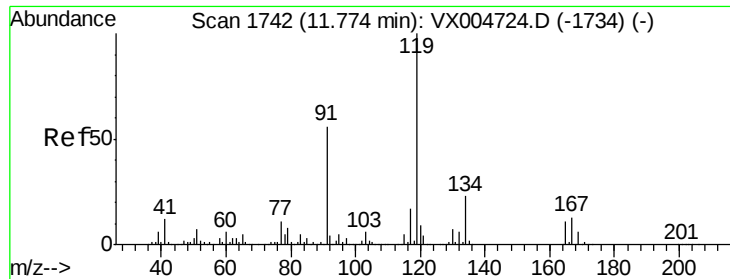
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.652 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.5	46.5





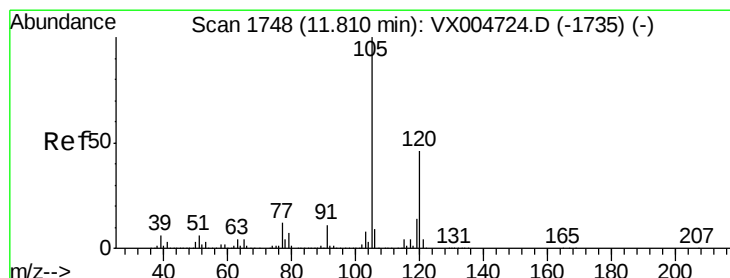
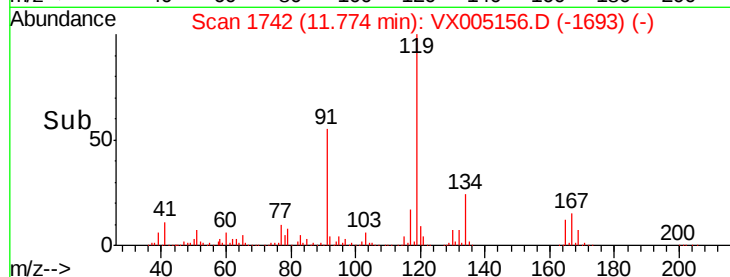
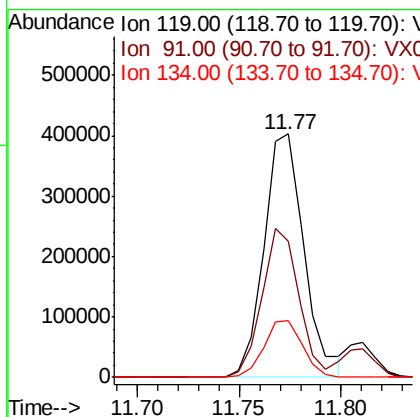
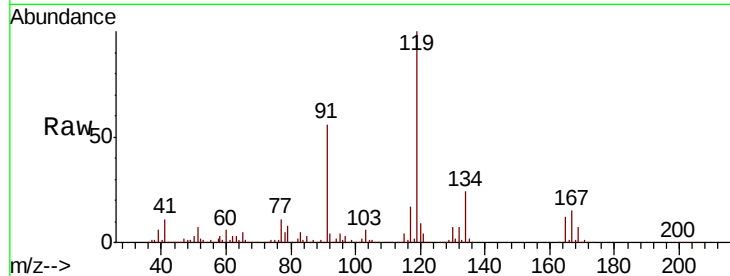
#83
 tert-Butylbenzene
 Concen: 55.131 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	551716		
91	56.2		27.5	82.5
134	22.5		11.5	34.4

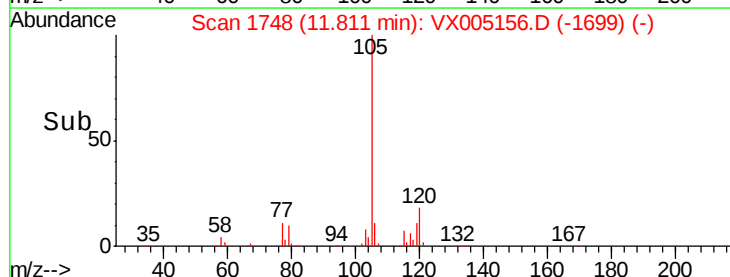
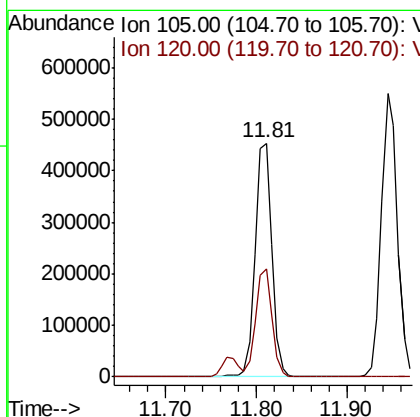
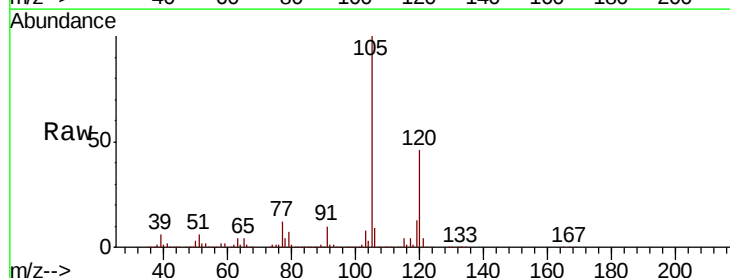
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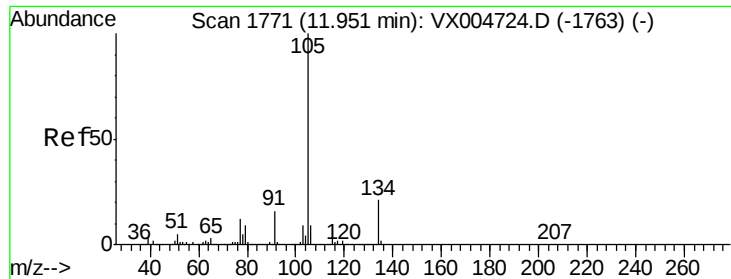
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.281 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	577644		
120	45.1		22.8	68.3





#85

sec-Butylbenzene

Concen: 55.453 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 675932

Ion Ratio Lower Upper

105 100

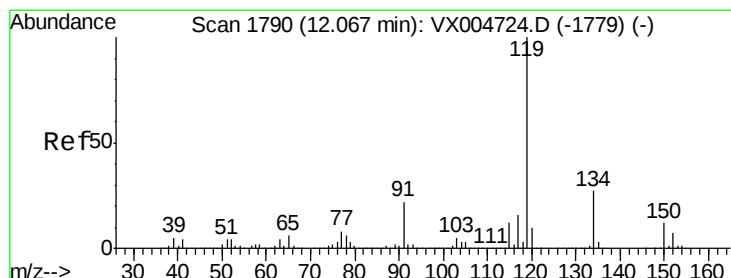
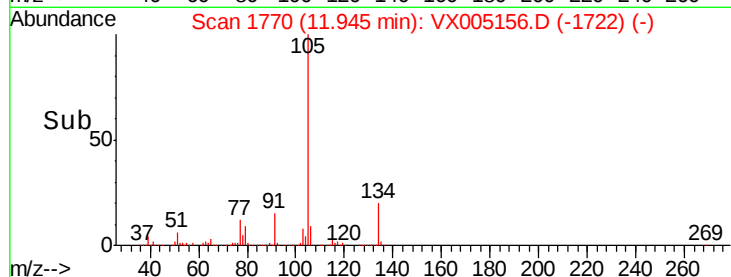
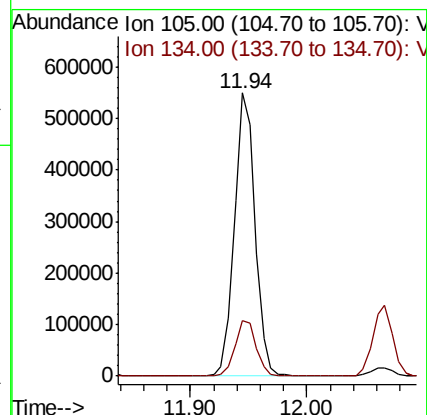
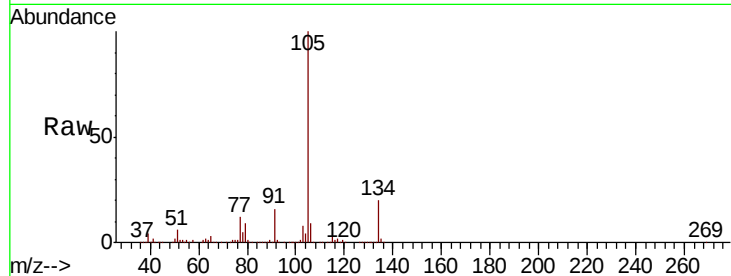
134 20.3 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 55.618 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005156.D

Acq: 09 Oct 2018 13:58

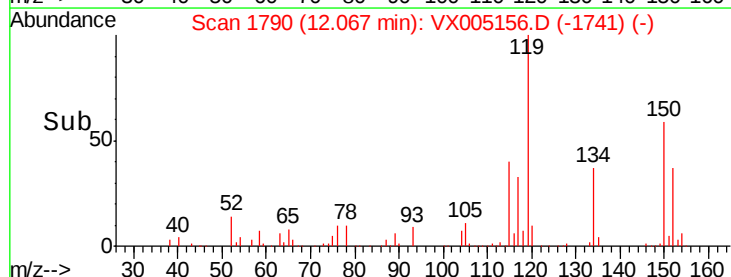
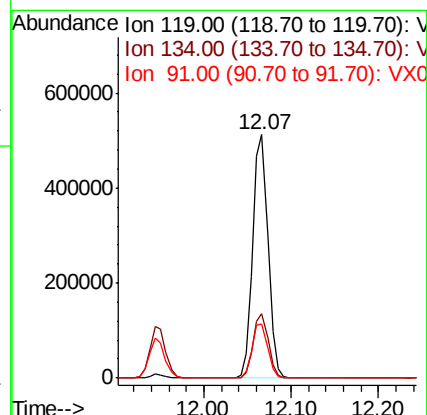
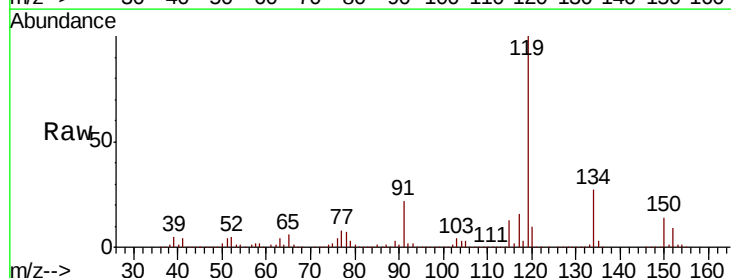
Tgt Ion:119 Resp: 614221

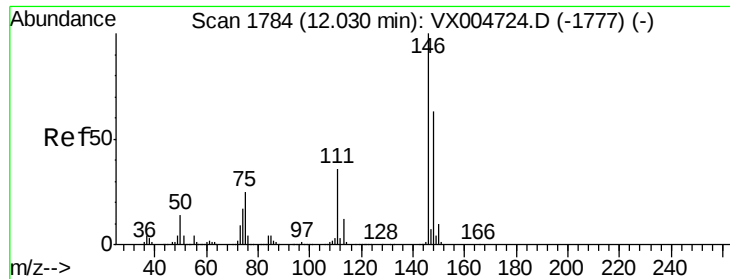
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.9 11.5 34.4





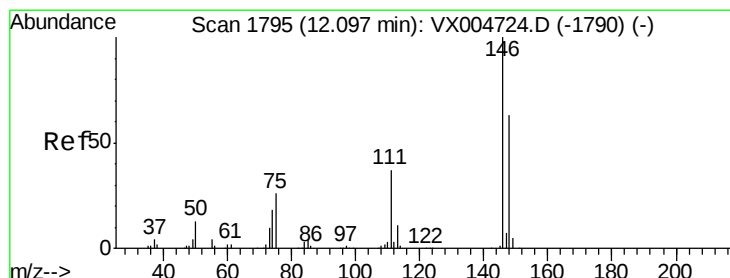
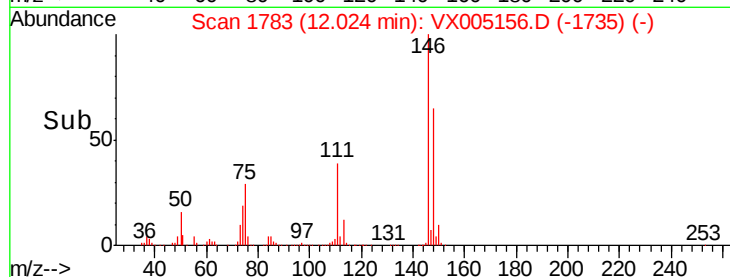
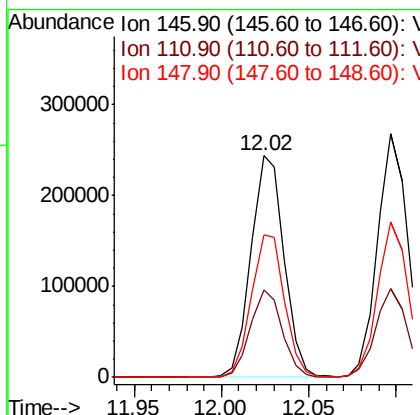
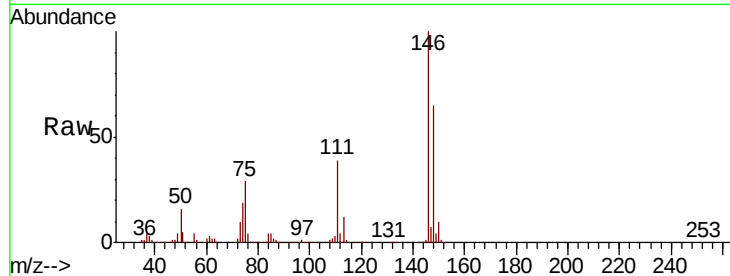
#87
 1,3-Dichlorobenzene
 Concen: 48.604 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.9	31.8	95.3

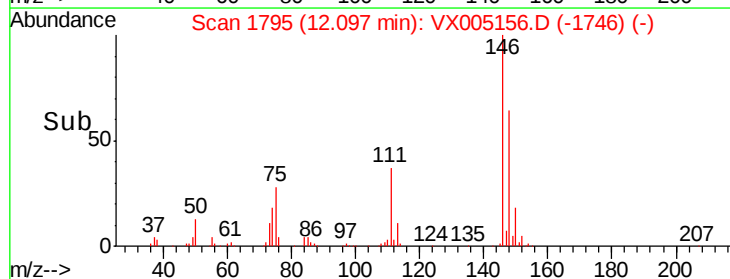
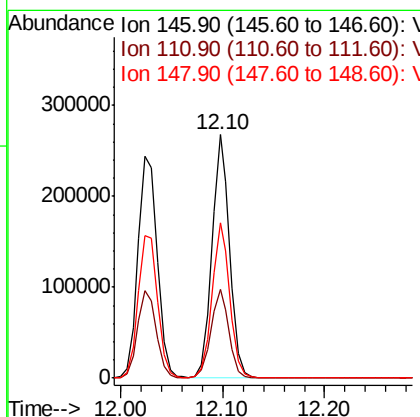
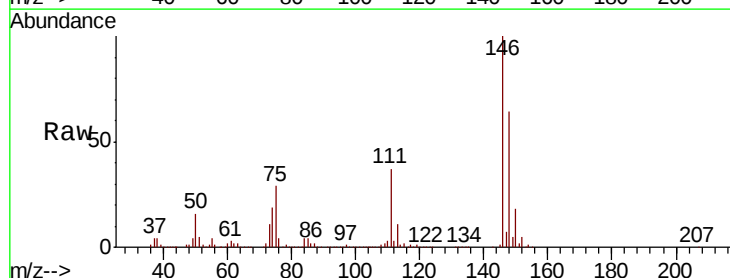
Manual Integrations
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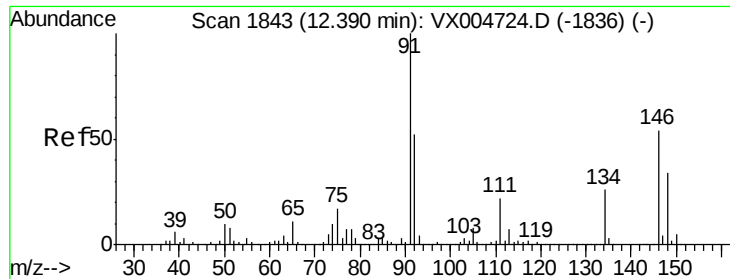
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 10/10/2018 2:07:47 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.856 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.2
148	64.2	32.0	96.0





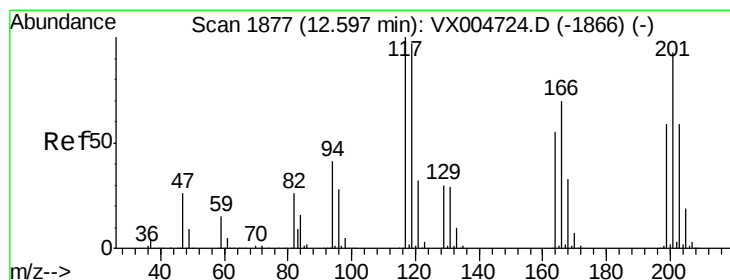
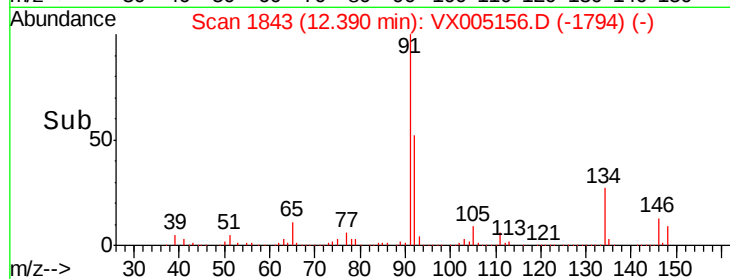
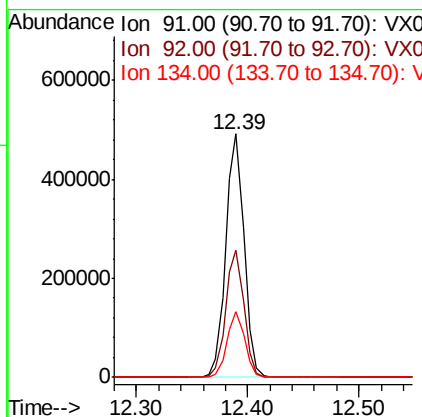
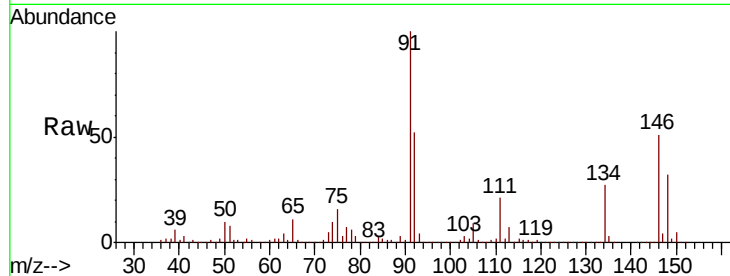
#89
n-Butylbenzene
Concen: 55.342 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	26.4	13.2	39.6

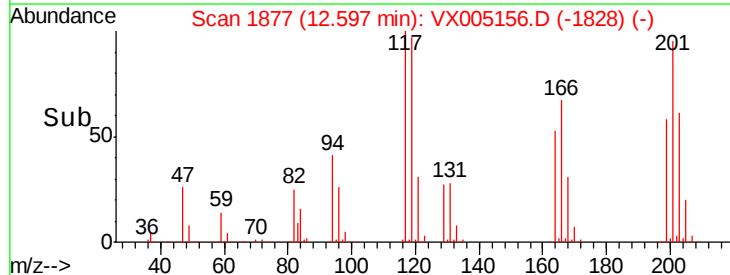
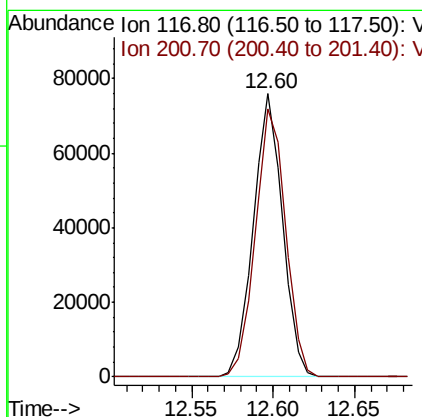
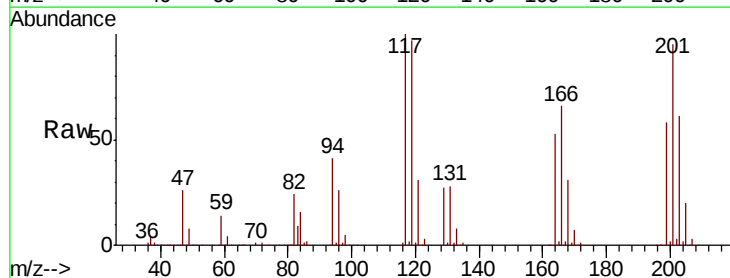
Manual Integrations
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#90
Hexachloroethane
Concen: 51.575 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.0	48.4	145.0





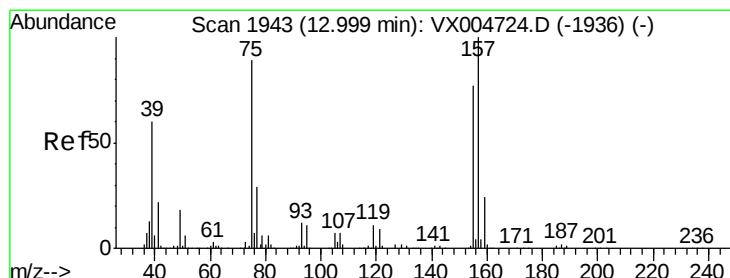
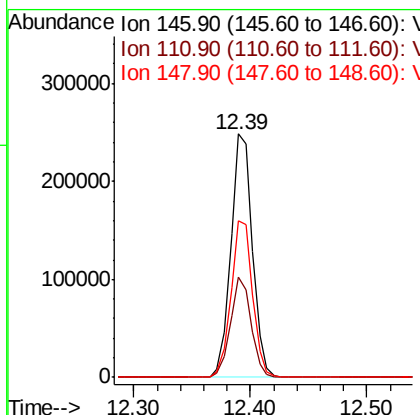
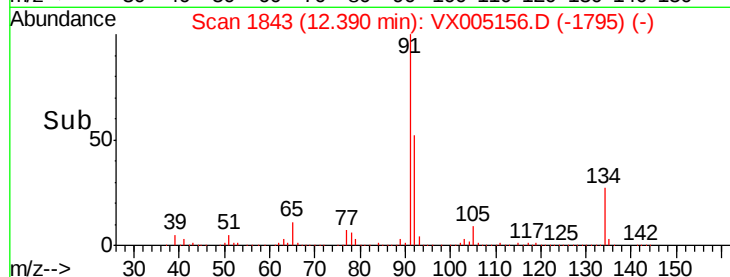
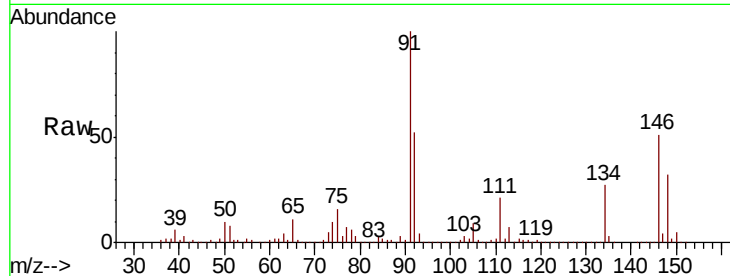
#91
 1,2-Dichlorobenzene
 Concen: 46.421 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	64.5	31.8	95.4

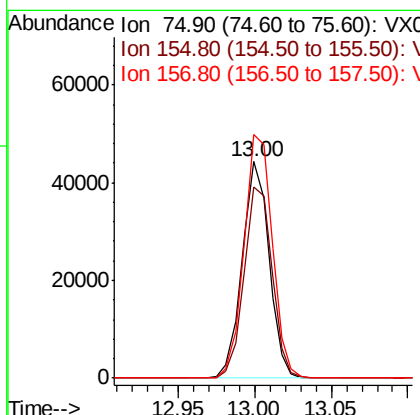
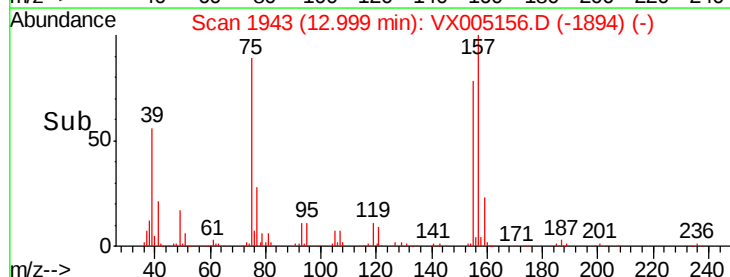
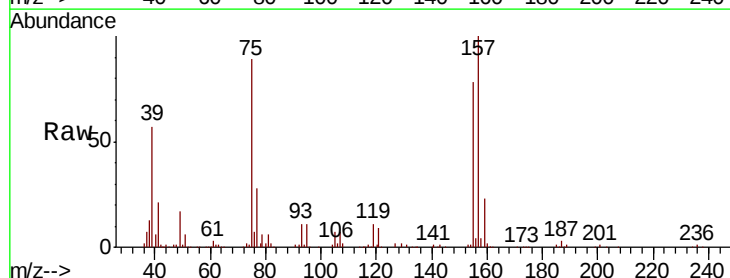
Manual Integrations
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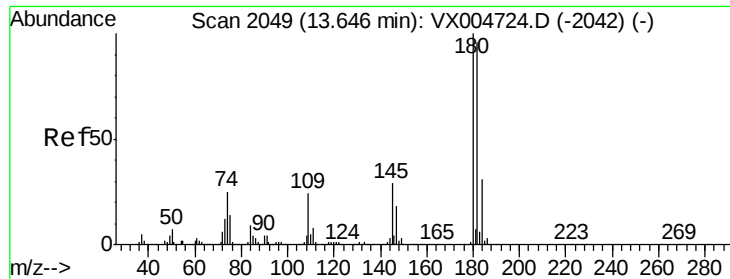
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.905 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.7	46.1	138.3
157	118.2	60.2	180.6





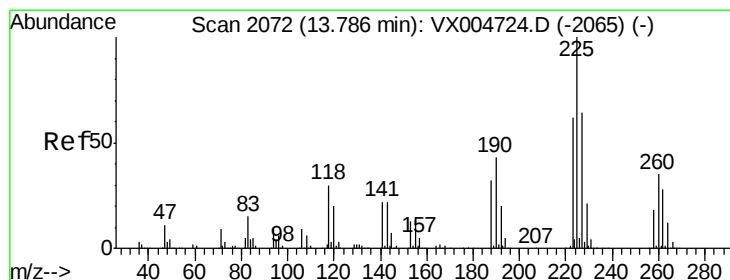
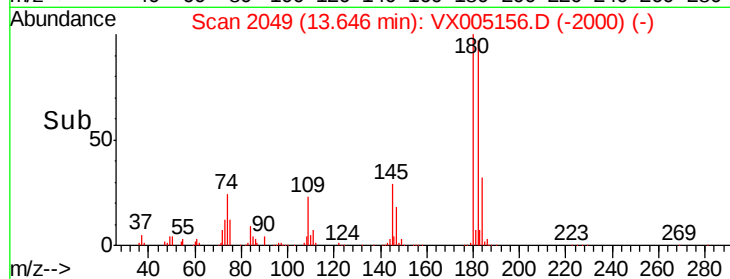
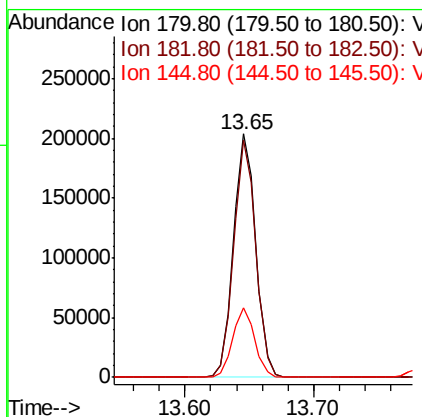
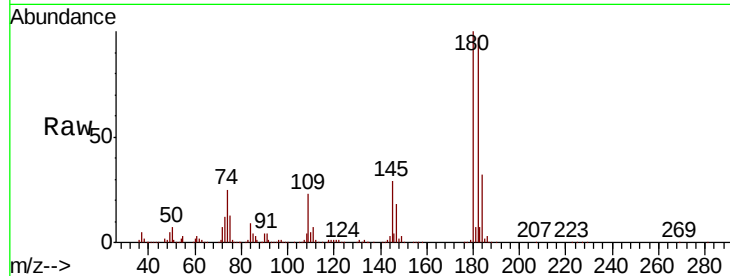
#93
 1,2,4-Trichlorobenzene
 Concen: 51.042 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	246674		
182	96.3	47.8	143.4	
145	28.2	14.1	42.4	

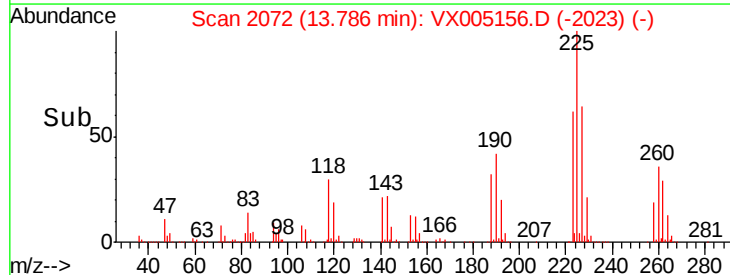
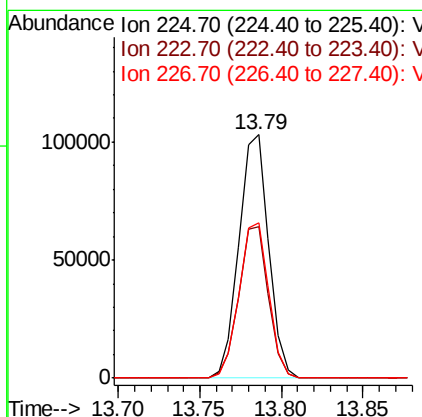
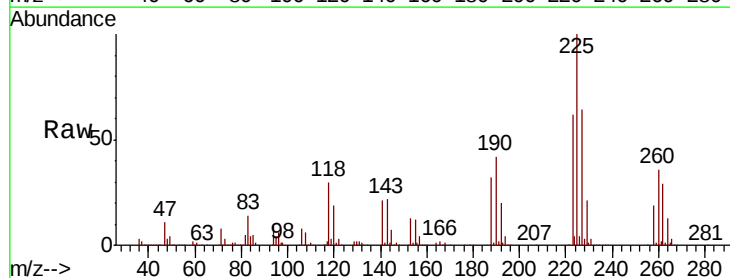
Manual Integrations
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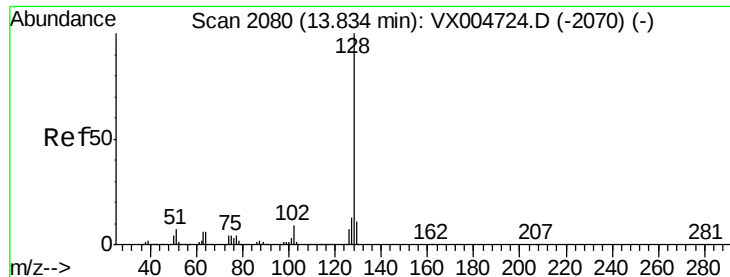
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#94
 Hexachlorobutadiene
 Concen: 52.280 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005156.D
 Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131016		
223	62.1	31.3	93.8	
227	63.9	31.9	95.5	





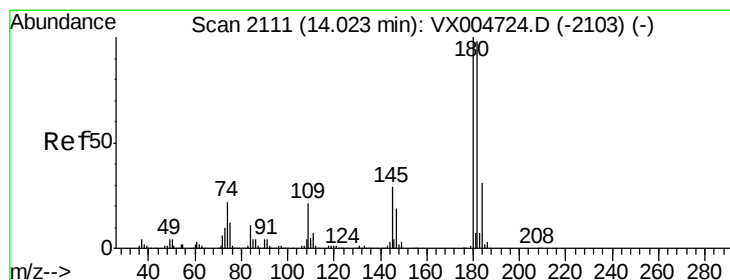
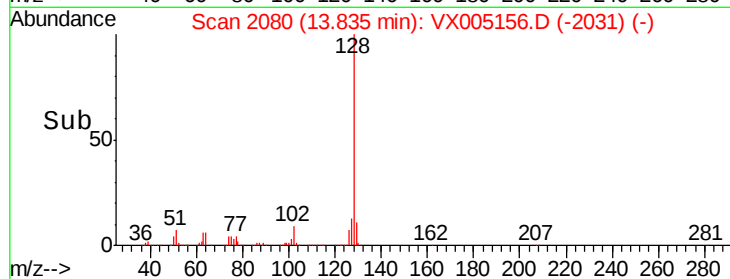
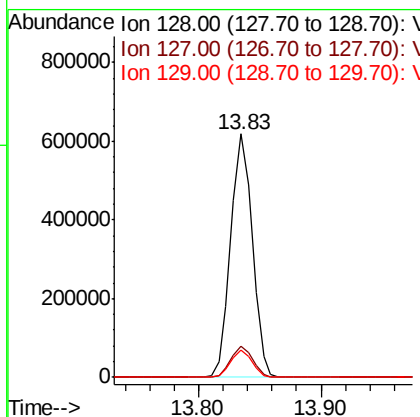
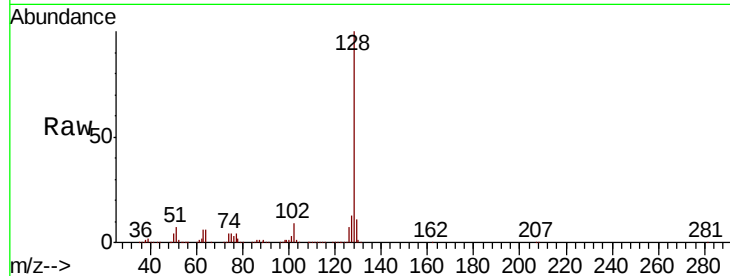
#95
Naphthalene
Concen: 47.169 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

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
10/10/2018 2:07:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.340 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005156.D
Acq: 09 Oct 2018 13:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.8
145	29.7	15.0	45.0

