

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005077.D
 Acq On : 05 Oct 2018 20:11
 Operator : JC/MD
 Sample : VX1005MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:46:23 PM

Quant Time: Oct 06 00:02:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191619	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	162535	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	5.51	113	130844	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
50) Toluene-d8	8.72	98	481685	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.14	95	177756	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62726	19.993	ug/l	96
3) Chloromethane	1.32	50	70885	18.622	ug/l	100
4) Vinyl Chloride	1.40	62	71487	20.024	ug/l	98
5) Bromomethane	1.64	94	40402	19.084	ug/l	96
6) Chloroethane	1.72	64	41757	20.069	ug/l	95
7) Trichlorofluoromethane	1.93	101	93747	21.211	ug/l	95
8) Diethyl Ether	2.19	74	37205	19.377	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50999	20.257	ug/l	99
10) Methyl Iodide	2.51	142	49264	14.623	ug/l	92
11) Tert butyl alcohol	3.07	59	98040	106.670	ug/l	100
12) 1,1-Dichloroethene	2.37	96	48740	19.549	ug/l	98
13) Acrolein	2.29	56	17808	27.232	ug/l	94
14) Allyl chloride	2.73	41	111197	20.440	ug/l	97
15) Acrylonitrile	3.15	53	218086	107.788	ug/l	98
16) Acetone	2.45	43	182572	95.136	ug/l	93
17) Carbon Disulfide	2.57	76	127478	17.015	ug/l	99
18) Methyl Acetate	2.78	43	125362	25.783	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	194015	22.559	ug/l #	89
20) Methylene Chloride	2.85	84	59969	21.006	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	51546	18.886	ug/l #	68
22) Diisopropyl ether	3.87	45	194706	21.255	ug/l	97
23) Vinyl Acetate	3.82	43	826771	98.598	ug/l	98
24) 1,1-Dichloroethane	3.70	63	109346	20.010	ug/l	98
25) 2-Butanone	4.71	43	286657	101.337	ug/l	95
26) 2,2-Dichloropropane	4.59	77	71919	18.900	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	58494	19.184	ug/l	95
28) Bromochloromethane	5.02	49	47500	18.459	ug/l	99
29) Tetrahydrofuran	5.16	42	189241	107.636	ug/l	97
30) Chloroform	5.22	83	100920	19.541	ug/l	99
31) Cyclohexane	5.57	56	86570	20.699	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	84128	19.946	ug/l	96
36) 1,1-Dichloropropene	5.80	75	74123	19.148	ug/l	93
37) Ethyl Acetate	4.86	43	103143	20.073	ug/l	98
38) Carbon Tetrachloride	5.78	117	75799	18.628	ug/l	94

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78172	19.777	ug/l	89
40) Benzene	6.15	78	220517	18.196	ug/l	94
41) Methacrylonitrile	5.06	41	54867	19.254	ug/l	94
42) 1,2-Dichloroethane	6.20	62	80618	18.818	ug/l	99
43) Isopropyl Acetate	6.46	43	143268	19.317	ug/l	95
44) Trichloroethene	7.21	130	58498	19.635	ug/l	97
45) 1,2-Dichloropropane	7.52	63	60513	20.361	ug/l	98
46) Dibromomethane	7.66	93	37446	20.049	ug/l	99
47) Bromodichloromethane	7.90	83	71035	20.313	ug/l	99
48) Methyl methacrylate	7.78	41	73145	21.729	ug/l	98
49) 1,4-Dioxane	7.76	88	33247	397.545	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	517723	110.867	ug/l	99
52) Toluene	8.79	92	134580	20.210	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	77263	19.552	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	84907	20.513	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	57858	19.835	ug/l	95
56) Ethyl methacrylate	9.18	69	87185	20.227	ug/l	98
57) 1,3-Dichloropropane	9.37	76	96881	19.956	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	243357	105.551	ug/l	98
59) 2-Hexanone	9.50	43	407807	104.796	ug/l	94
60) Dibromochloromethane	9.59	129	56511	19.372	ug/l	98
61) 1,2-Dibromoethane	9.67	107	59223	18.958	ug/l	94
64) Tetrachloroethene	9.34	164	61652	19.914	ug/l	97
65) Chlorobenzene	10.14	112	152716	18.933	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54322	19.156	ug/l	99
67) Ethyl Benzene	10.26	91	250795	19.584	ug/l	96
68) m/p-Xylenes	10.36	106	196760	39.319	ug/l	95
69) o-Xylene	10.70	106	95682	20.817	ug/l	98
70) Styrene	10.71	104	159148	19.861	ug/l	100
71) Bromoform	10.86	173	44727	18.423	ug/l	96
73) Isopropylbenzene	11.02	105	260604	21.577	ug/l	99
74) N-amyl acetate	10.90	43	122436	19.546	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93312	18.979	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87707m	20.421	ug/l	
77) Bromobenzene	11.26	156	69982	19.948	ug/l	99
78) n-propylbenzene	11.36	91	297661	21.479	ug/l	99
79) 2-Chlorotoluene	11.42	91	178316	20.643	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	219109	19.673	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24754	17.082	ug/l	96
82) 4-Chlorotoluene	11.51	91	210970	20.750	ug/l	99
83) tert-Butylbenzene	11.77	119	212772	21.397	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	226643	19.733	ug/l	100
85) sec-Butylbenzene	11.94	105	264555	21.842	ug/l	100
86) p-Isopropyltoluene	12.07	119	235104	21.424	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	128732	19.652	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129835	19.200	ug/l	99
89) n-Butylbenzene	12.39	91	202784	20.347	ug/l	100
90) Hexachloroethane	12.60	117	34916	19.110	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	129437	18.908	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21819	20.212	ug/l	98

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Instrument :
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ClientSampleId :
VX1005MBS01

Manual Integrations
APPROVED

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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	95273	19.839	ug/l	99
94) Hexachlorobutadiene	13.79	225	48609	19.520	ug/l	99
95) Naphthalene	13.83	128	302215	19.408	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99312	20.020	ug/l	100

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

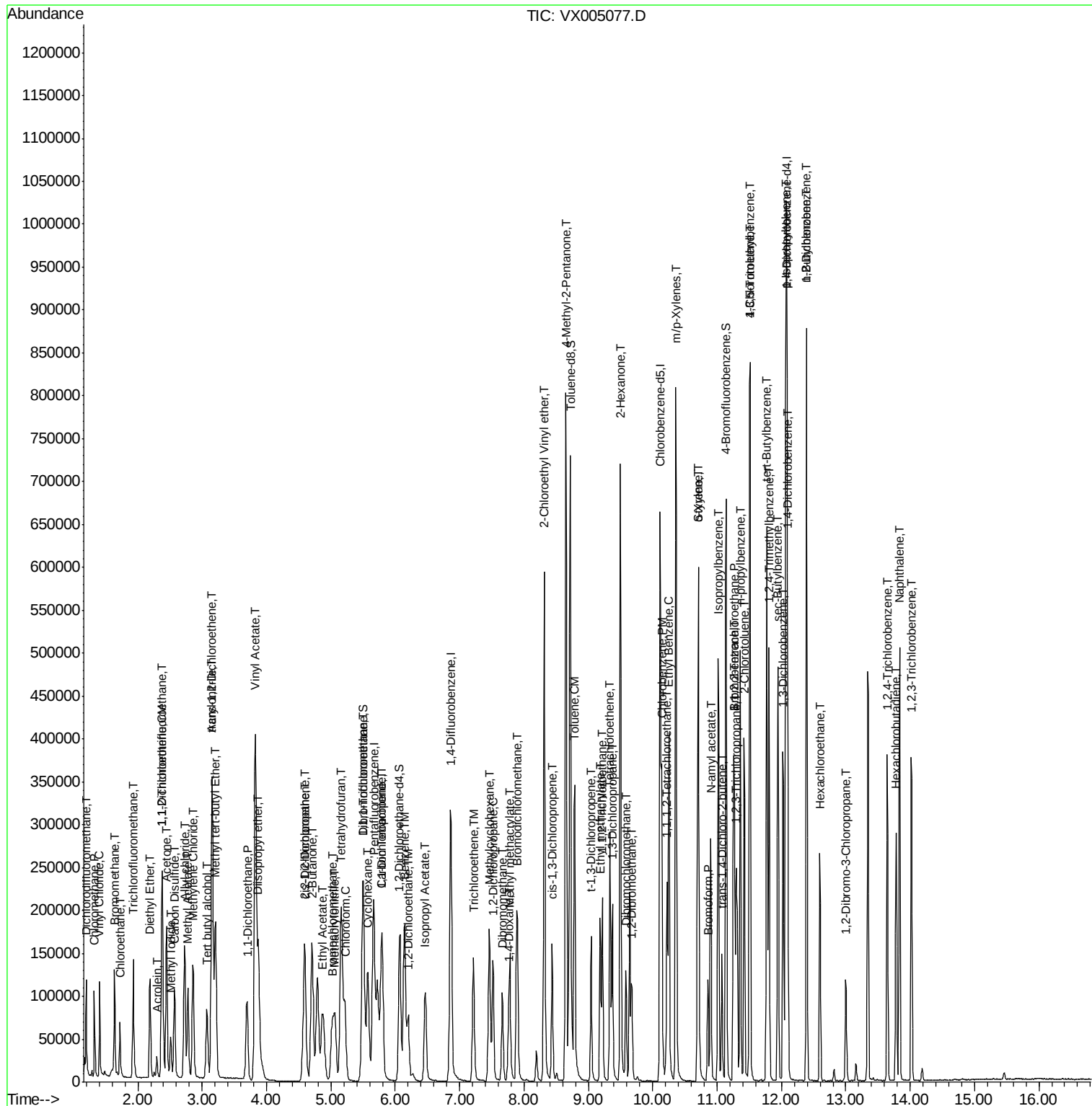
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Data File : VX005077.D
Acq On : 05 Oct 2018 20:11
Operator : JC/MD
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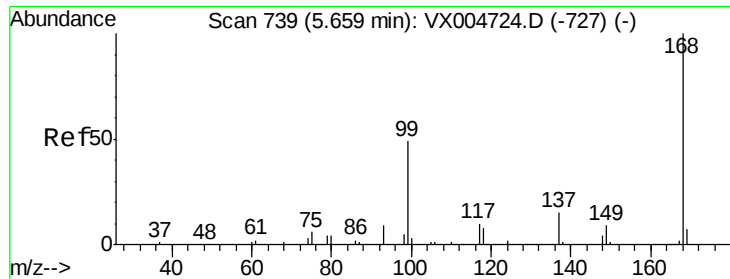
Instrument :
MSVOA_X
Client Sampled :
VX1005MBS01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





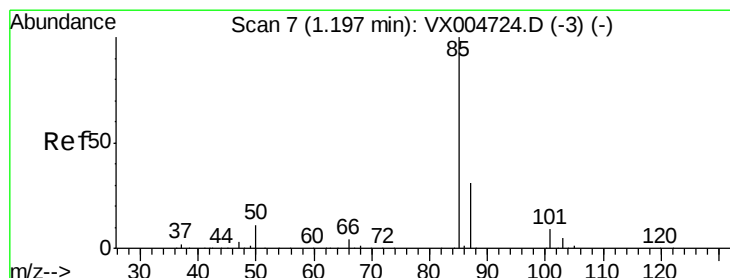
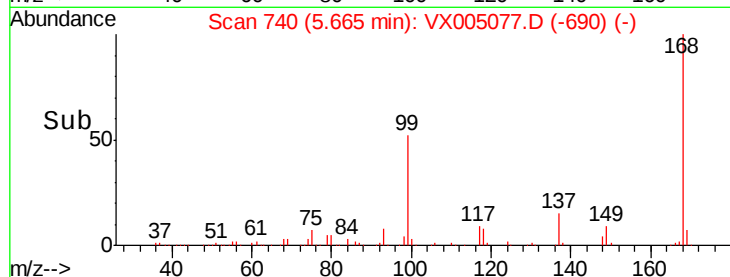
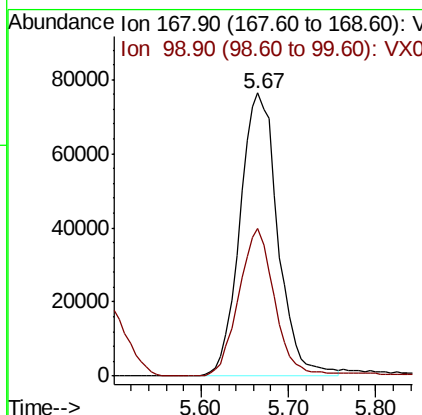
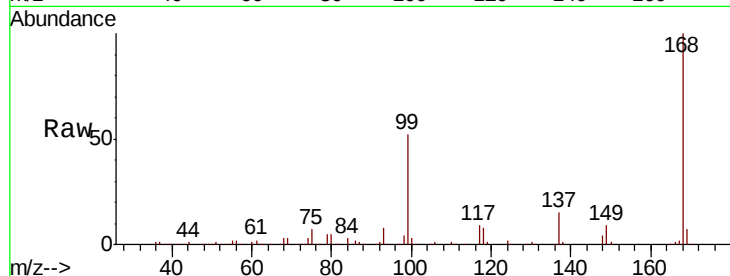
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.0	39.3	58.9

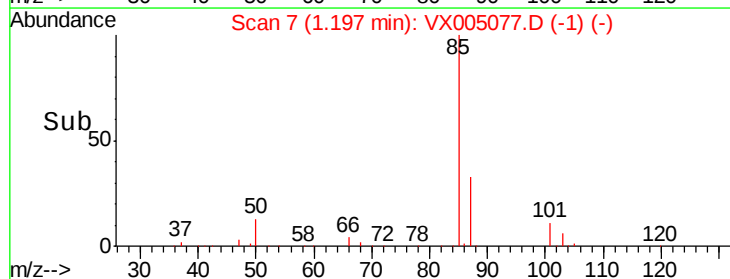
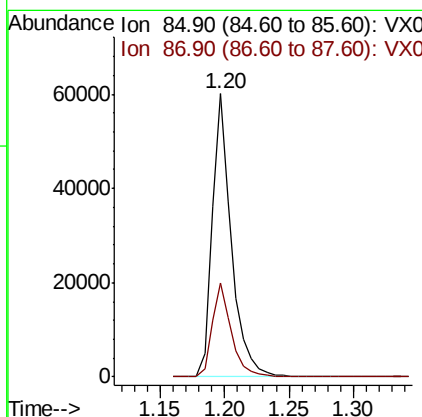
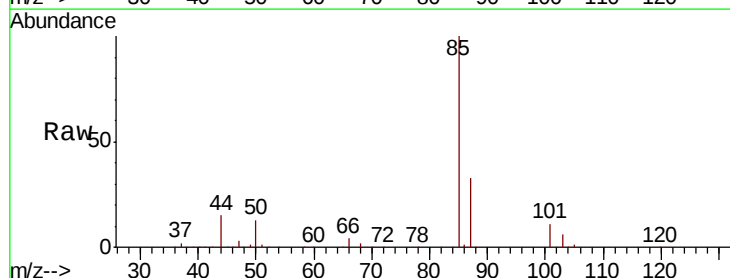
Manual Integrations
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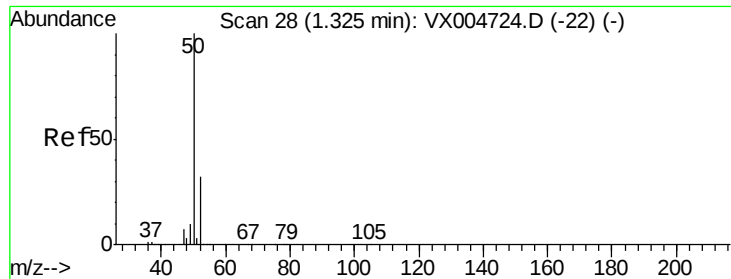
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#2
Dichlorodifluoromethane
Concen: 19.993 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	15.7	47.1





#3

Chloromethane

Concen: 18.622 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tot Ion: 50 Resp: 70885

Ion Ratio Lower Upper

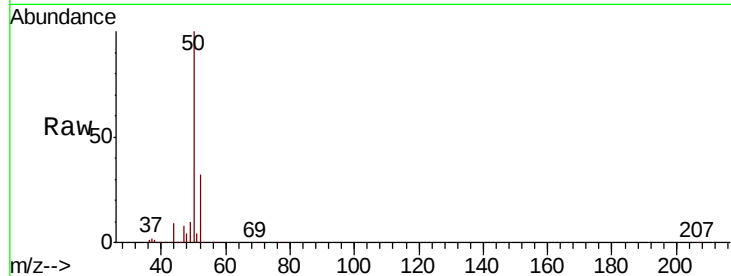
50 100

52 32.3 25.8 38.6

Manual Integrations
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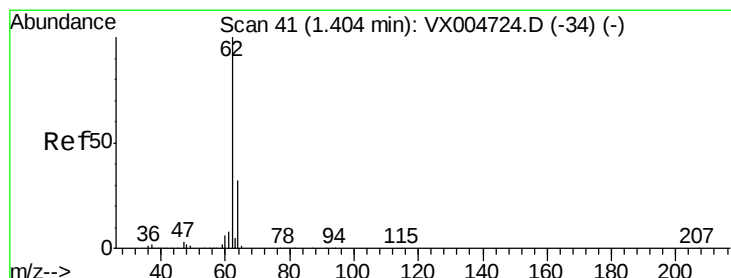
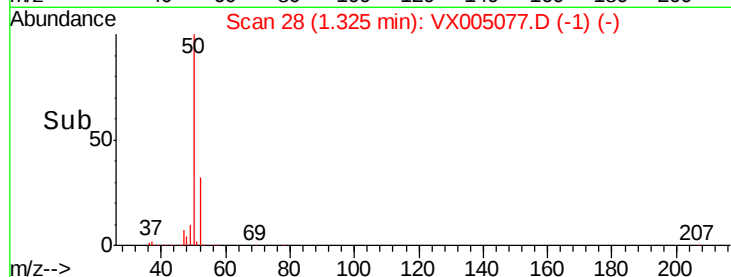
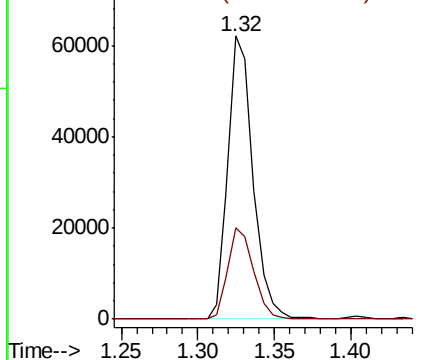
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.024 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005077.D

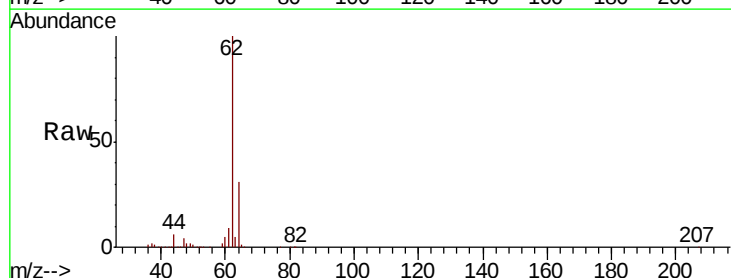
Acq: 05 Oct 2018 20:11

Tgt Ion: 62 Resp: 71487

Ion Ratio Lower Upper

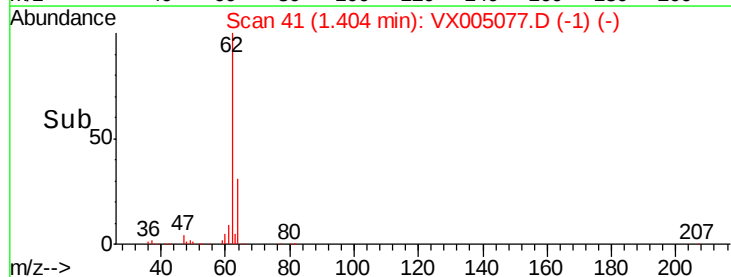
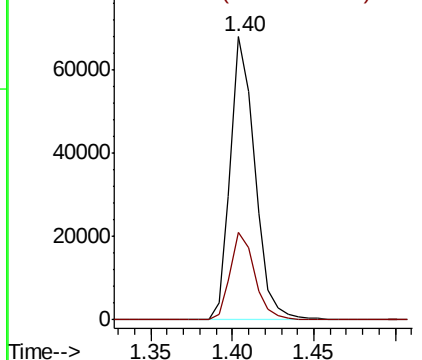
62 100

64 30.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.084 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tot Ion: 94 Resp: 40402

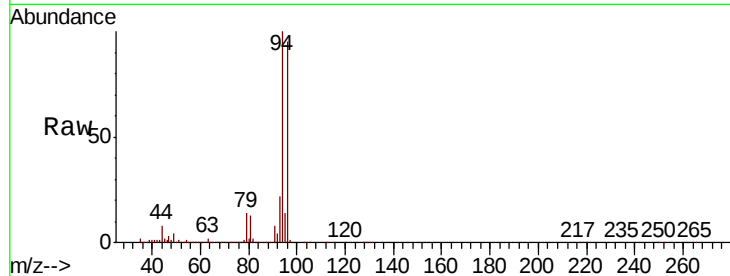
Ion Ratio Lower Upper

94 100

96 95.3 79.5 119.3

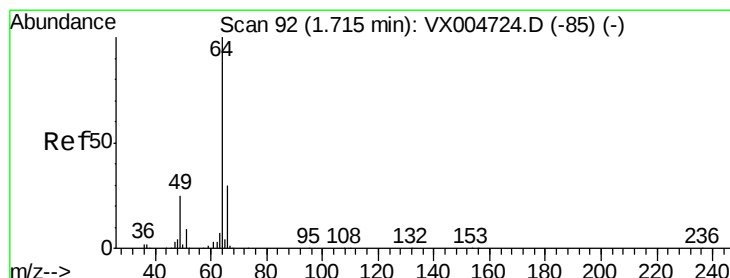
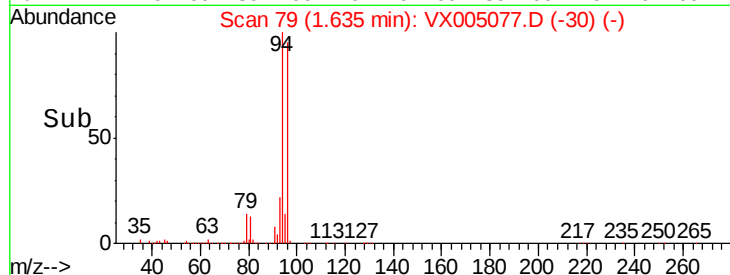
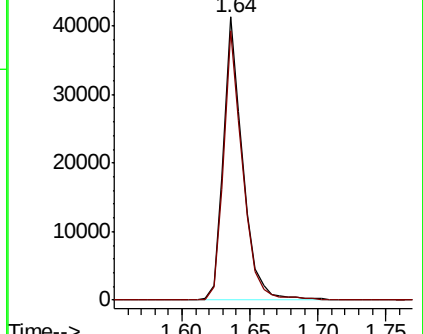
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.069 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005077.D

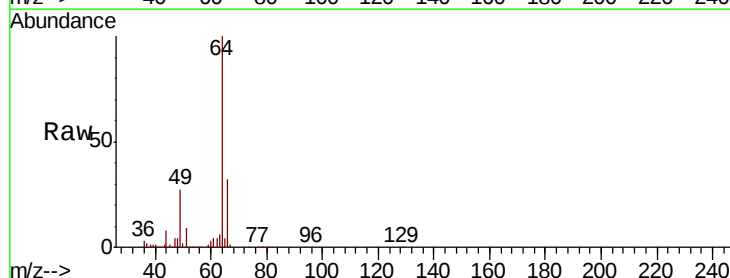
Acq: 05 Oct 2018 20:11

Tgt Ion: 64 Resp: 41757

Ion Ratio Lower Upper

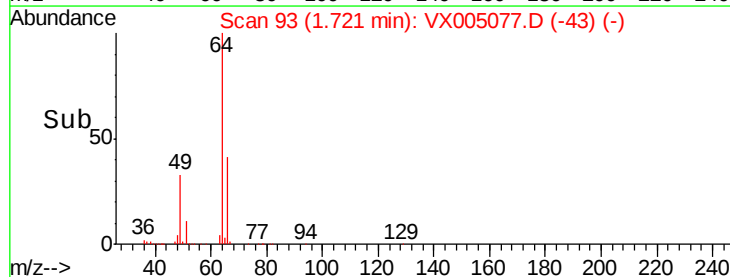
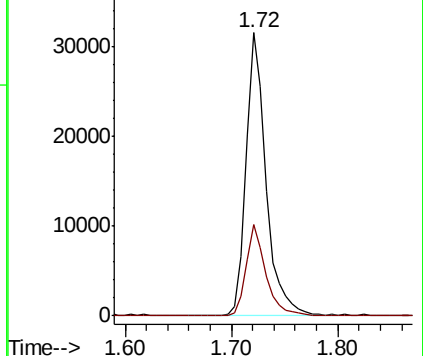
64 100

66 32.5 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

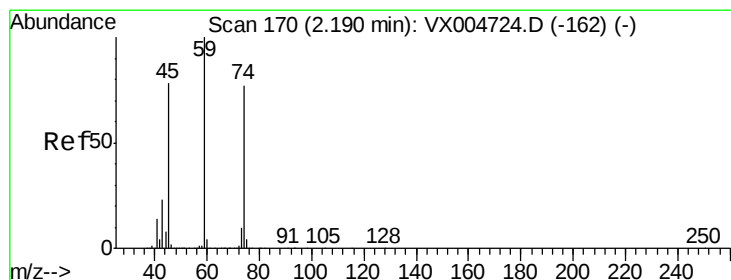
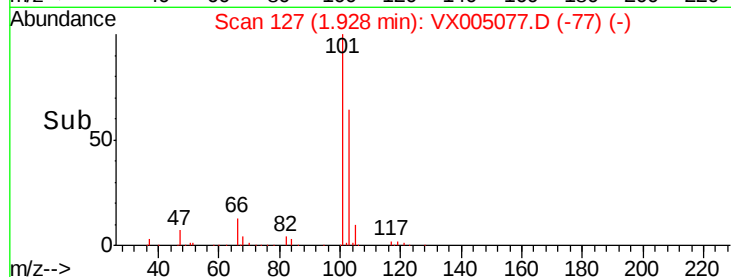
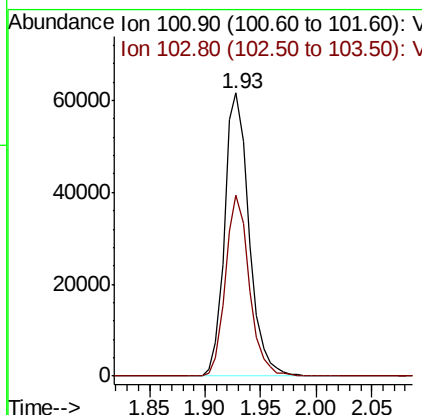
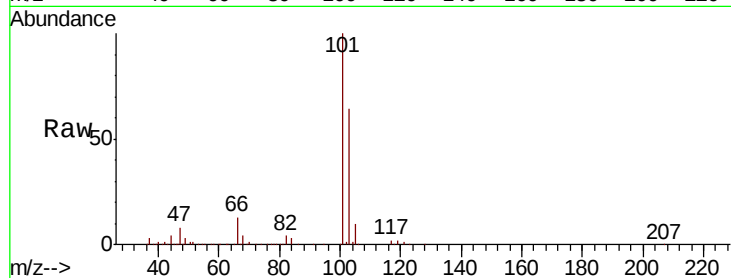
Trichlorofluoromethane
Concen: 21.211 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	48.4	72.6

Manual Integrations
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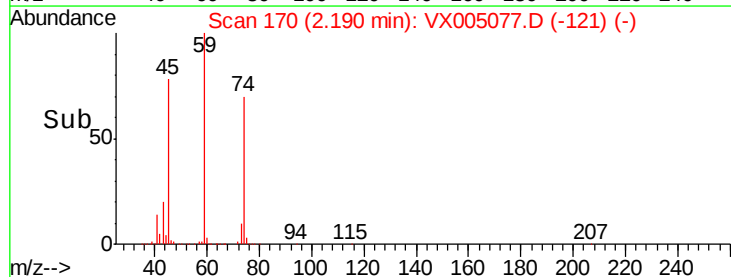
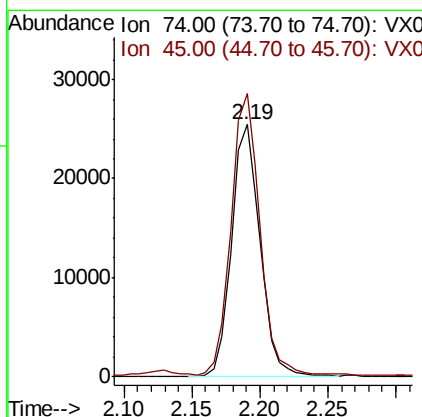
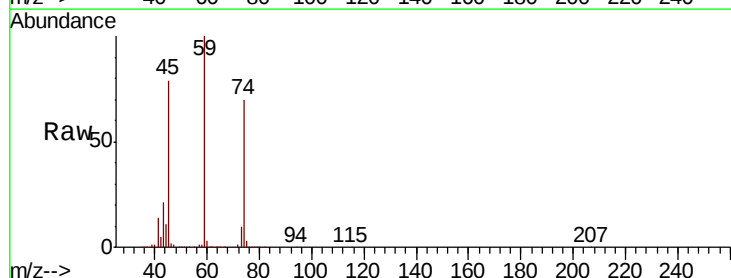
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10/8/2018 1:46:23 PM



#8

Diethyl Ether
Concen: 19.377 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.7	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.257 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

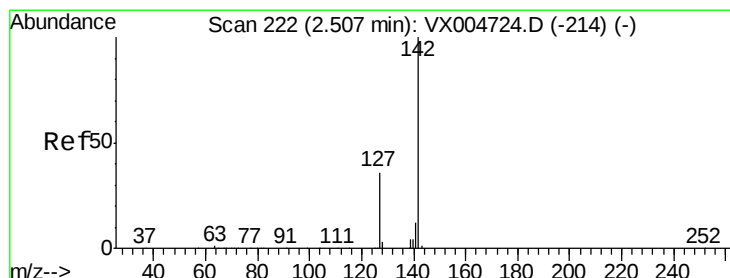
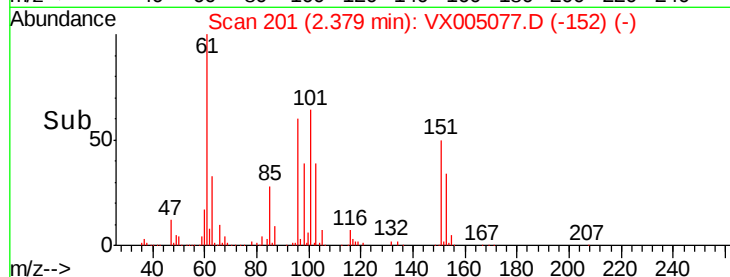
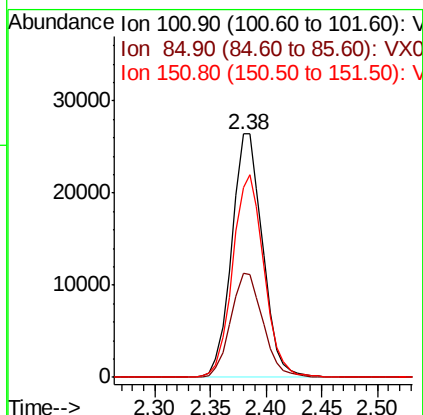
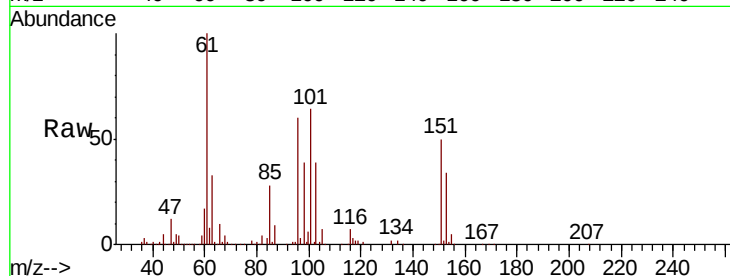
ClientSampleId :

VX1005MBS01

Tot Ion:	101	Resp:	50999
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.9	53.9
151	84.0	66.6	100.0

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#10

Methyl Iodide

Concen: 14.623 ug/l

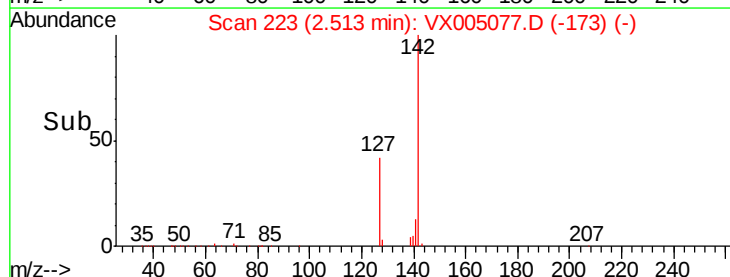
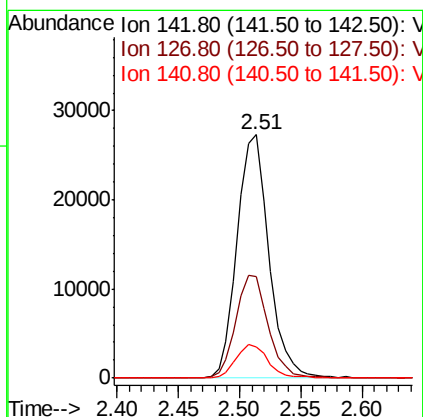
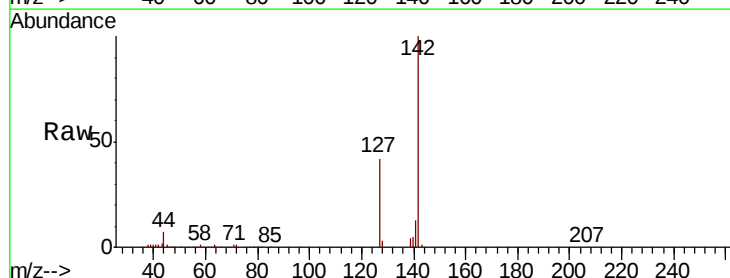
RT: 2.51 min Scan# 223

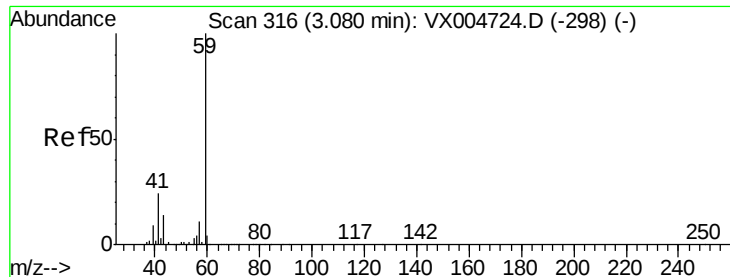
Delta R.T. 0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Tgt Ion:	142	Resp:	49264
Ion Ratio	Lower	Upper	
142	100		
127	43.1	30.1	45.1
141	13.9	10.1	15.1





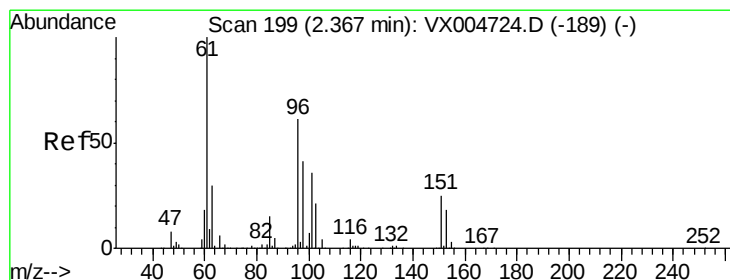
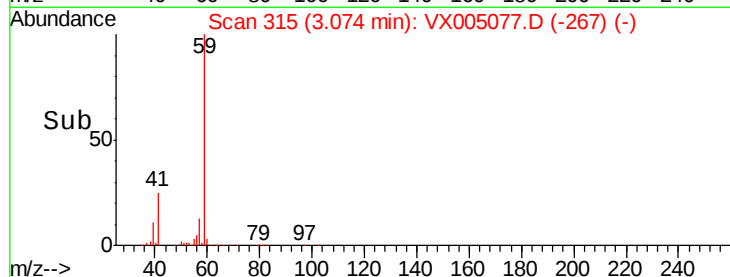
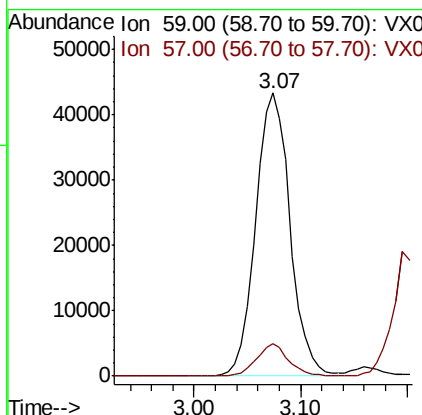
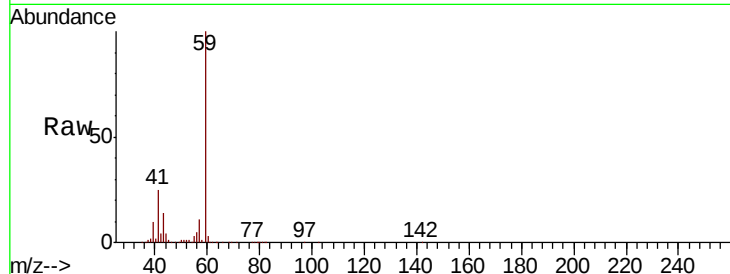
#11
Tert butyl alcohol
Concen: 106.670 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampled :
VX1005MBS01

Tot Ion: 59 Resp: 98040
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

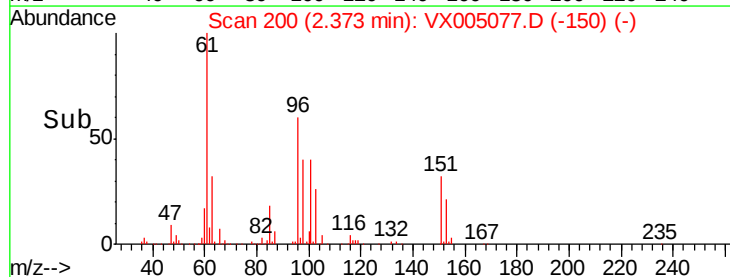
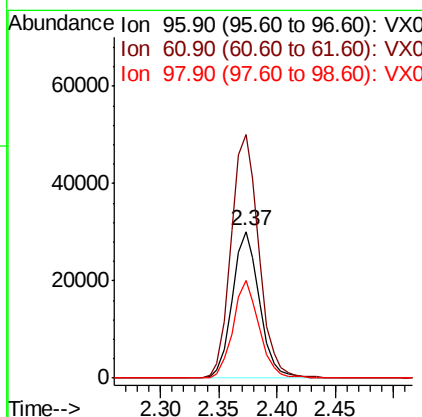
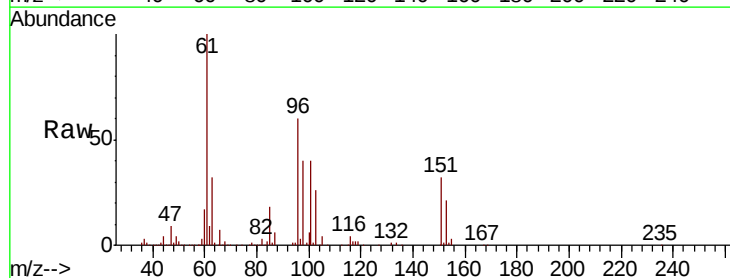
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 19.549 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 96 Resp: 48740
Ion Ratio Lower Upper
96 100
61 165.8 130.2 195.4
98 66.7 53.4 80.0





#13

Acrolein

Concen: 27.232 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tot Ion: 56 Resp: 17808

Ion Ratio Lower Upper

56 100

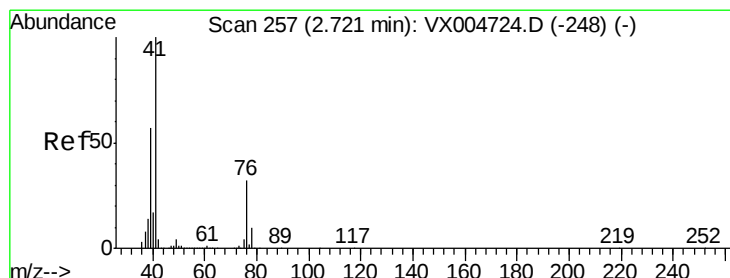
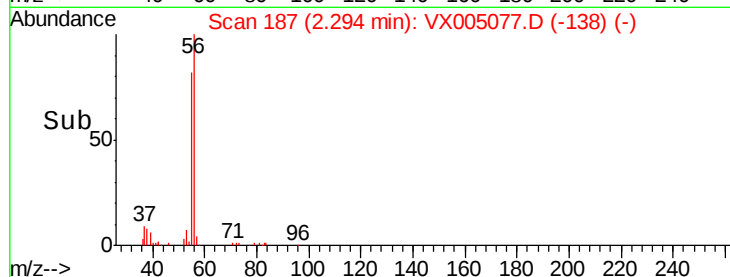
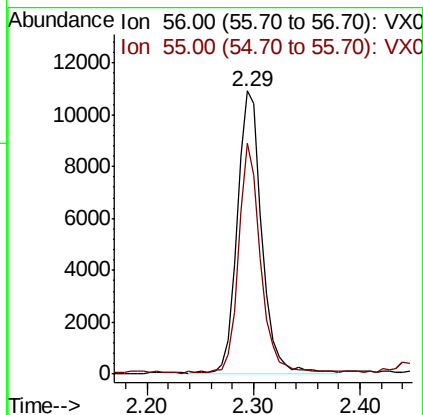
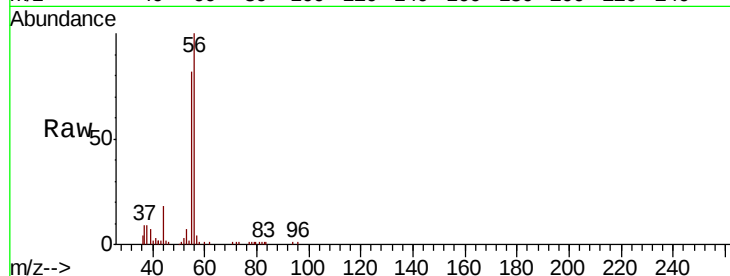
55 74.2 63.4 95.2

Manual Integrations

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#14

Allyl chloride

Concen: 20.440 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

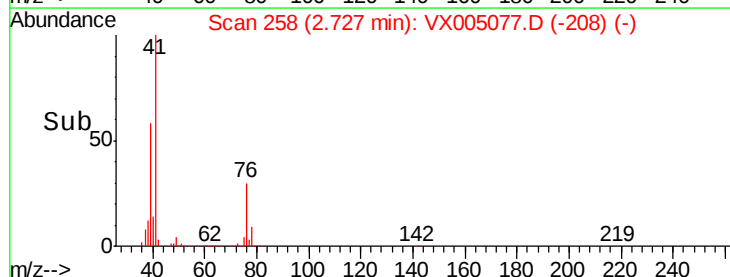
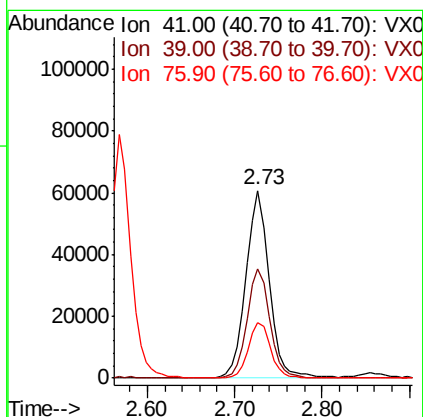
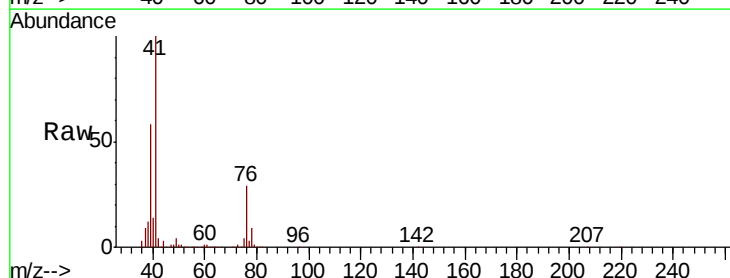
Tgt Ion: 41 Resp: 111197

Ion Ratio Lower Upper

41 100

39 56.7 44.1 66.1

76 28.6 25.0 37.4





#15

Acrylonitrile

Concen: 107.788 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

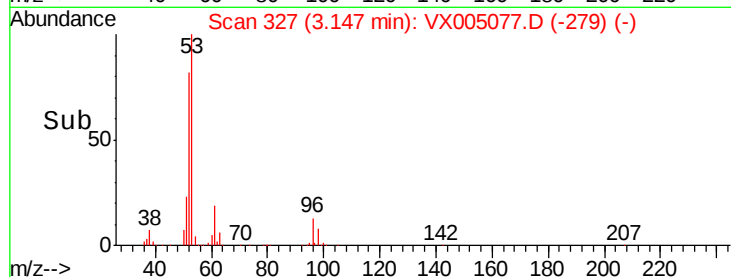
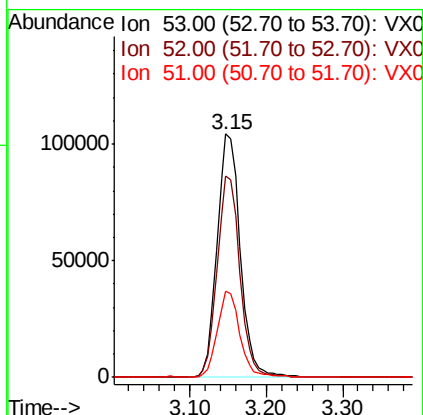
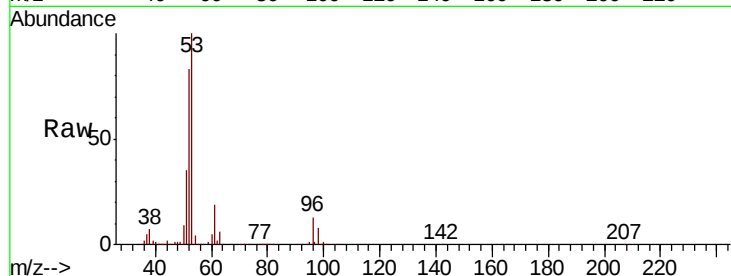
ClientSampleId :

VX1005MBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.1	63.0	94.4
51	34.7	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 95.136 ug/l

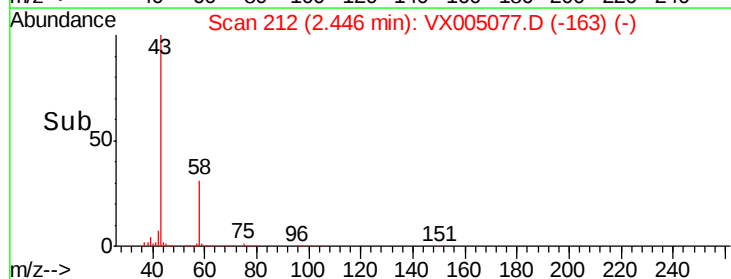
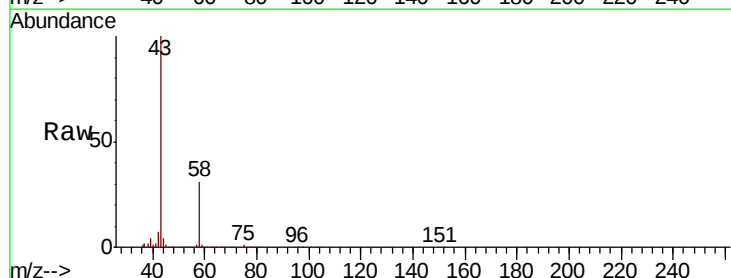
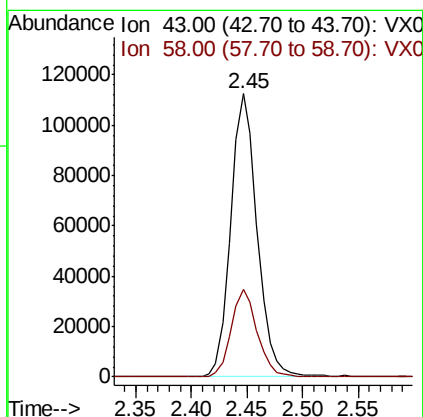
RT: 2.45 min Scan# 212

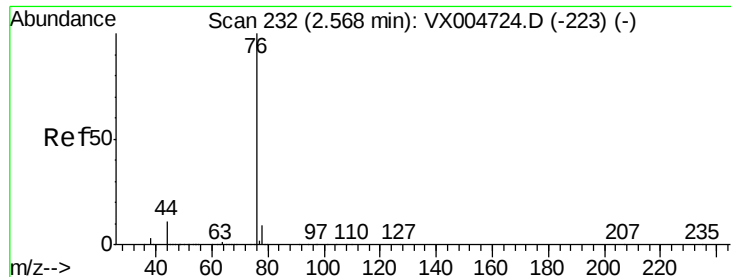
Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.8	32.6





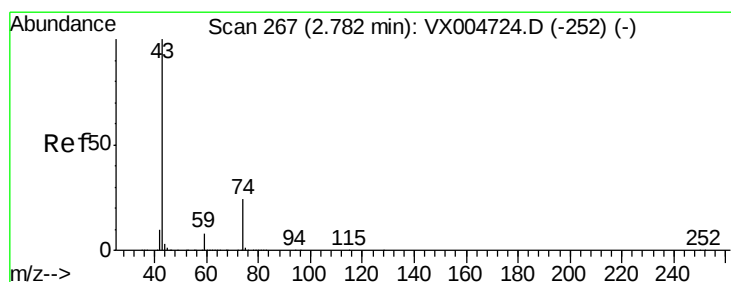
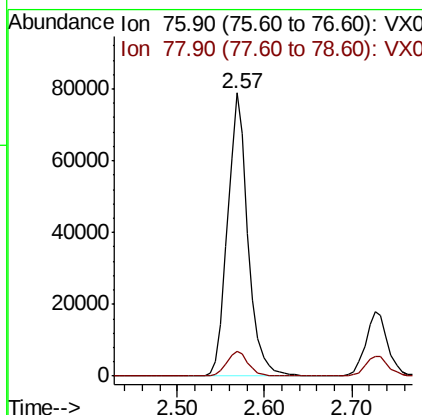
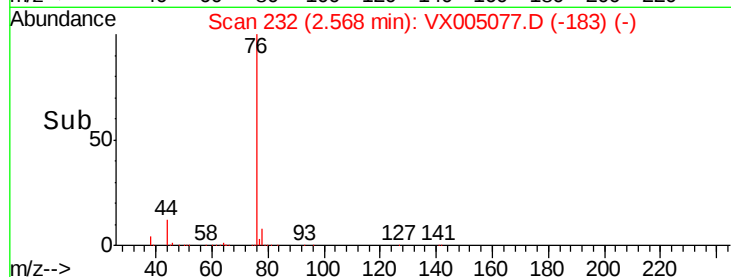
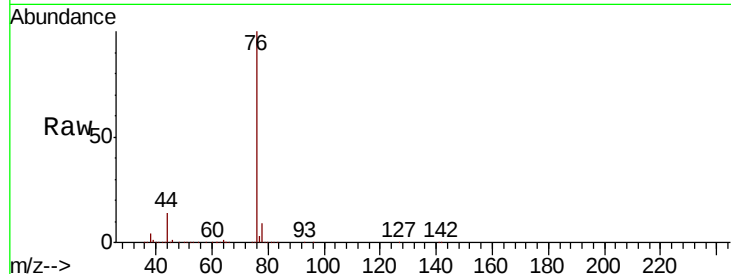
#17
Carbon Disulfide
Concen: 17.015 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.6

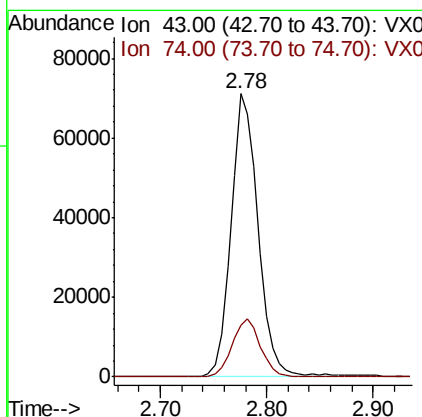
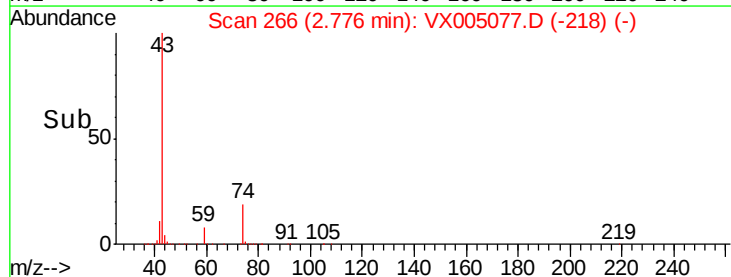
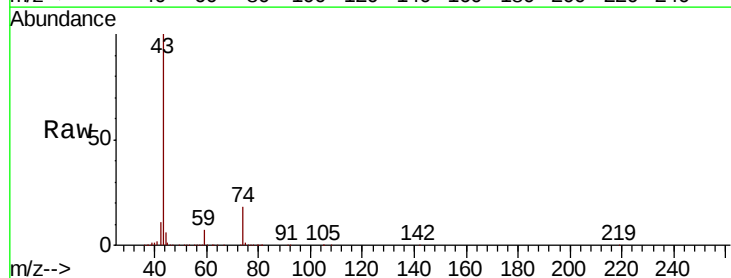
Manual Integrations
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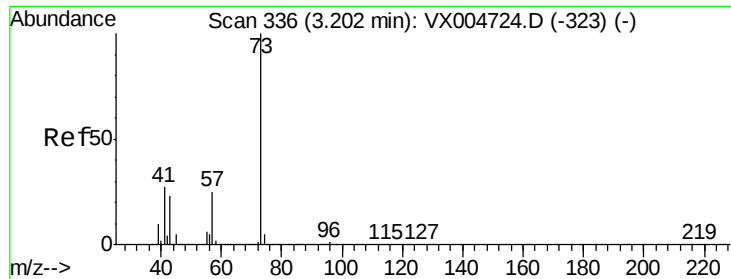
MMDadoda
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#18
Methyl Acetate
Concen: 25.783 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.8	26.8





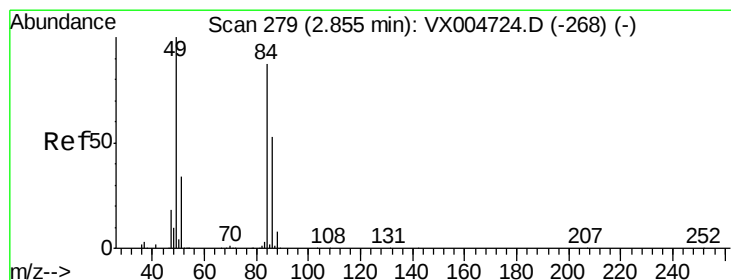
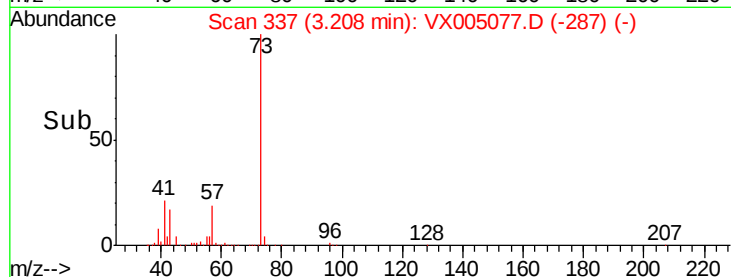
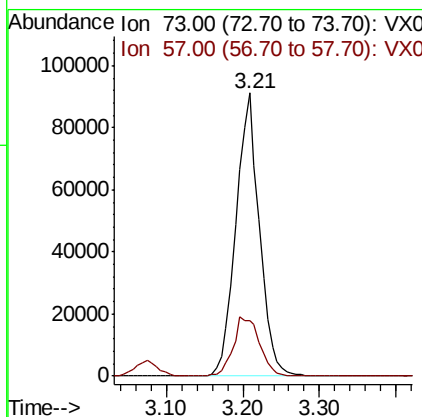
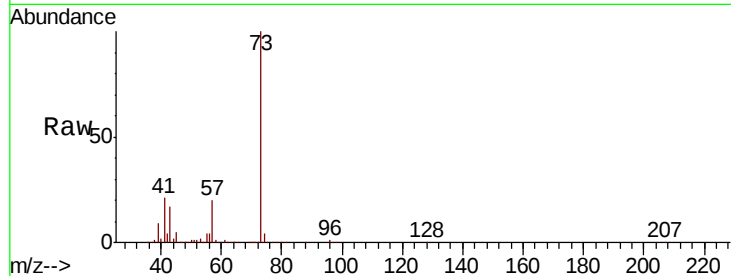
#19
Methvl tert-butvl Ether
Concen: 22.559 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.5	19.9	29.9#

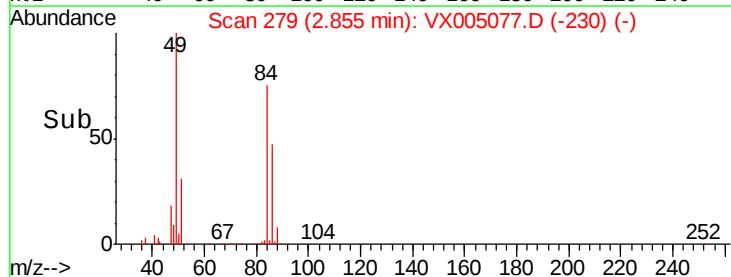
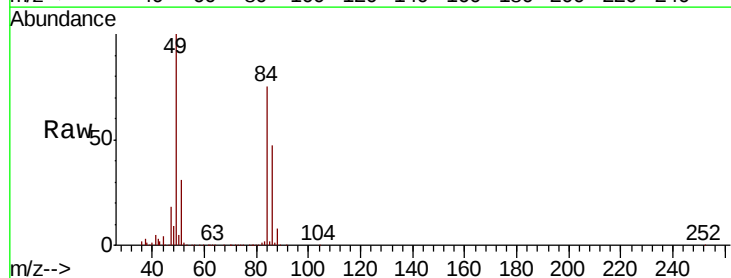
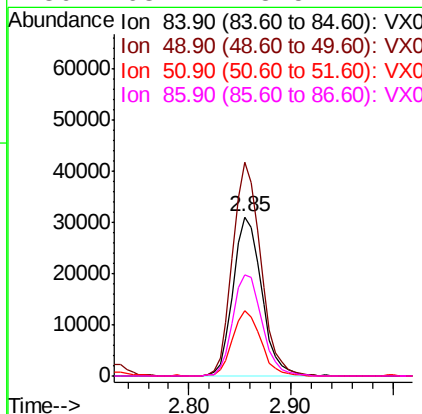
Manual Integrations
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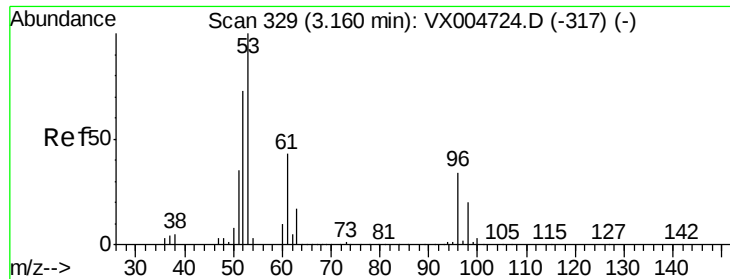
MMDadoda
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#20
Methylene Chloride
Concen: 21.006 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.1	92.3	138.5
51	41.1	31.8	47.6
86	63.4	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 18.886 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

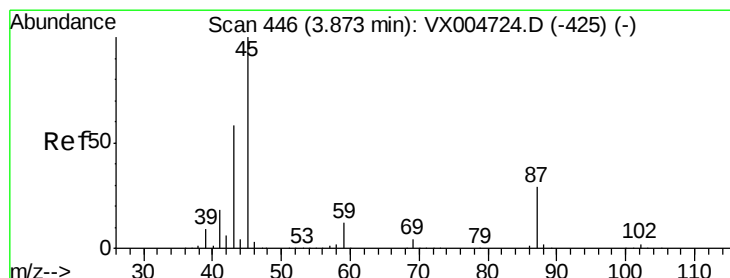
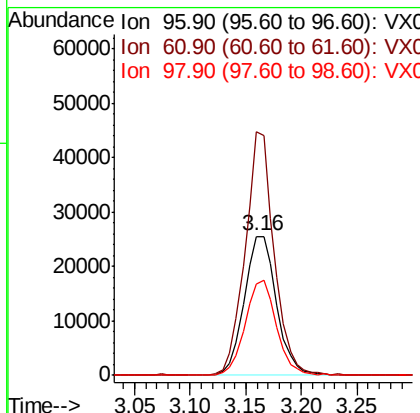
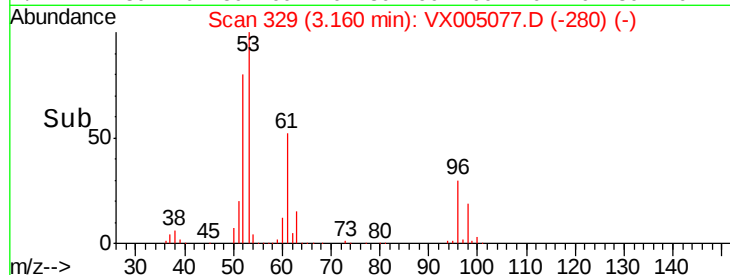
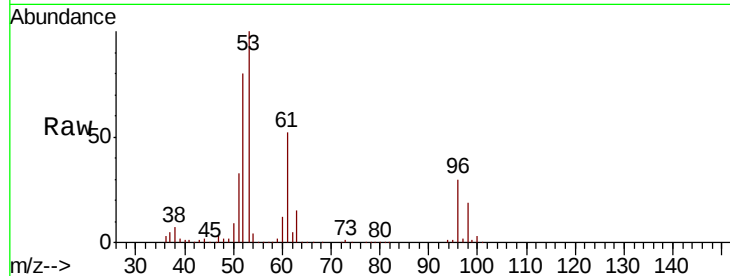
ClientSampleId :

VX1005MBS01

Tot Ion:	96	Resp:	51546
Ion	Ratio	Lower	Upper
96	100		
61	174.7	101.0	151.6#
98	65.7	47.2	70.8

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#22

Diisopropyl ether

Concen: 21.255 ug/l

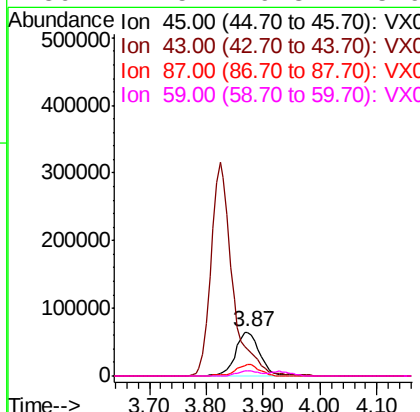
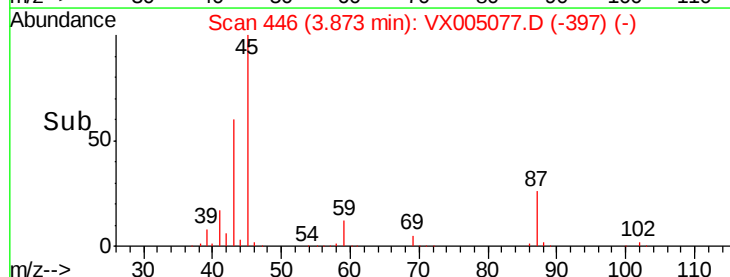
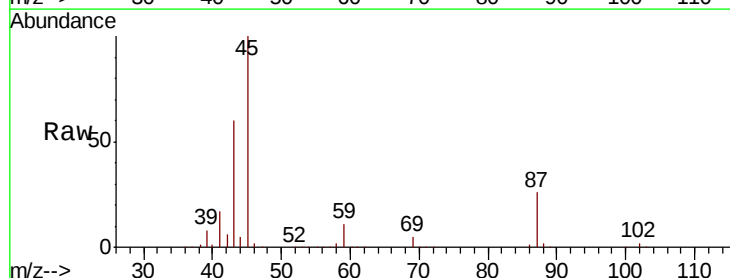
RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Tgt Ion:	45	Resp:	194706
Ion	Ratio	Lower	Upper
45	100		
43	60.0	46.7	70.1
87	25.9	22.9	34.3
59	11.5	9.3	13.9





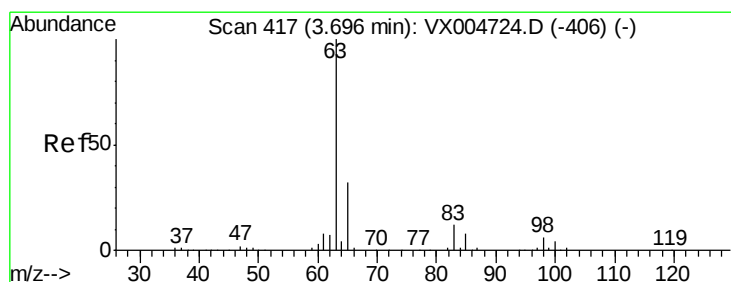
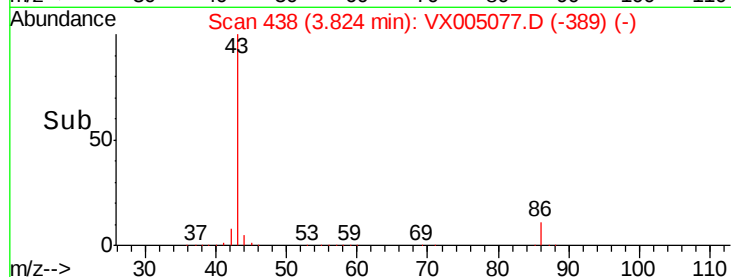
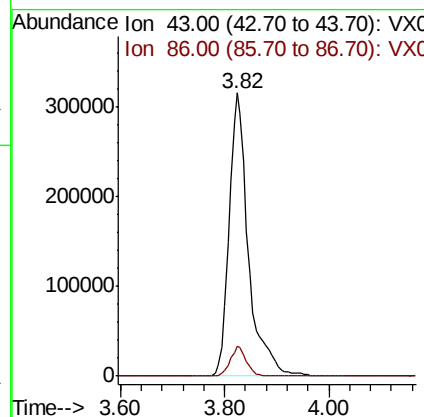
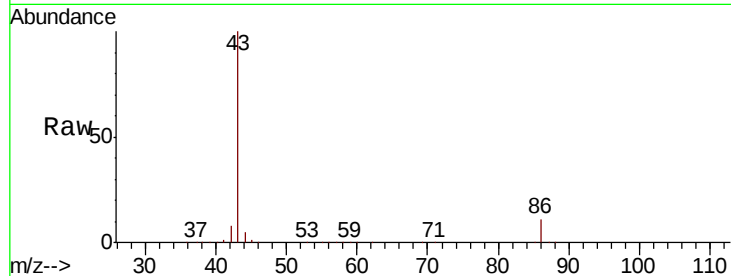
#23
 Vinyl Acetate
 Concen: 98.598 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

Tot Ion	43	86	Resp	Lower	Upper
826771	100	10.8		8.1	12.1

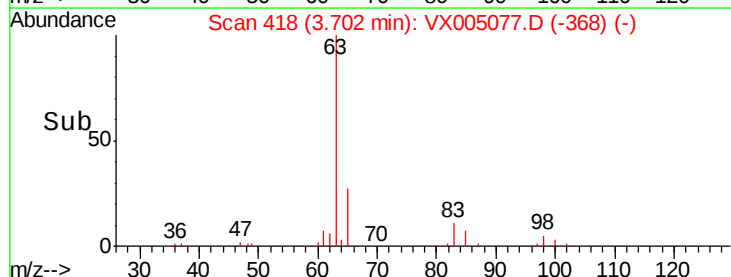
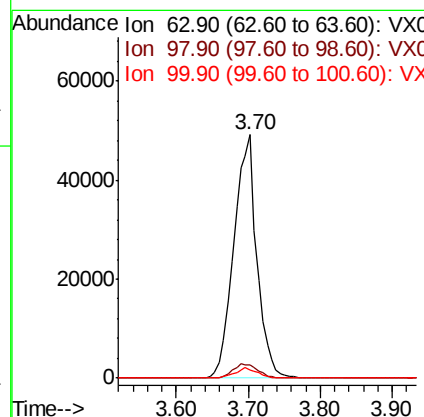
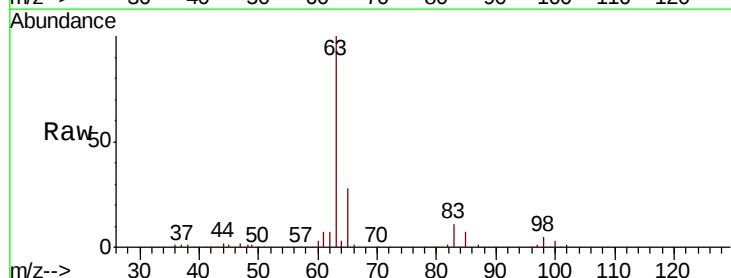
Manual Integrations
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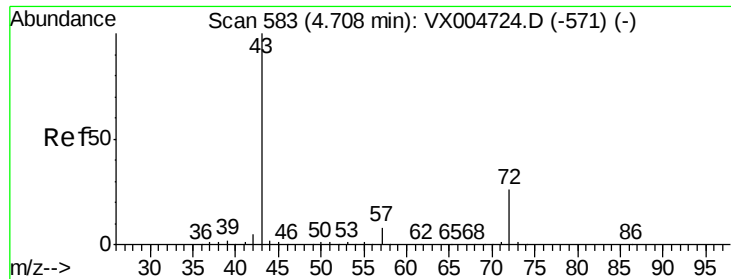
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 20.010 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Tgt Ion	63	98	100	Resp	Lower	Upper
109346	100	5.4	3.2		3.0	5.8





#25

2-Butanone

Concen: 101.337 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tot Ion: 43 Resp: 286657

Ion Ratio Lower Upper

43 100

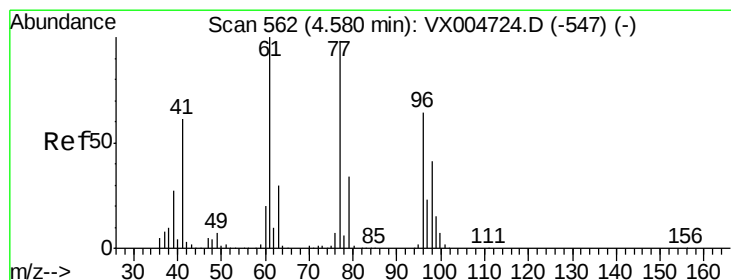
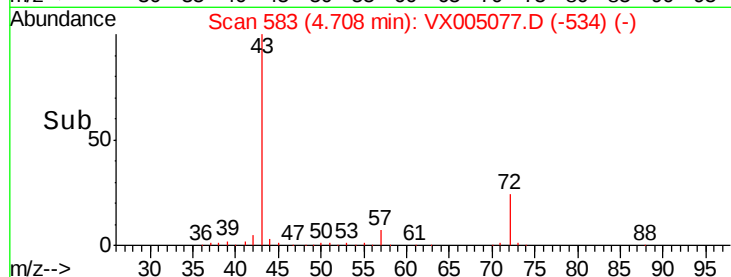
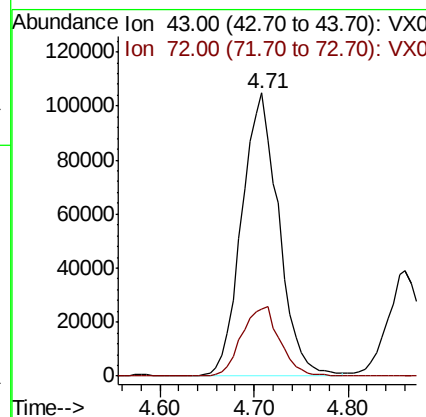
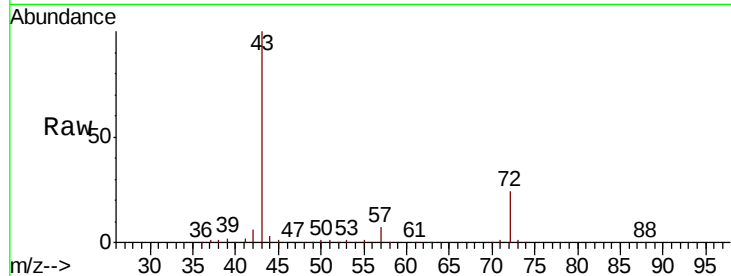
72 23.5 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.900 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005077.D

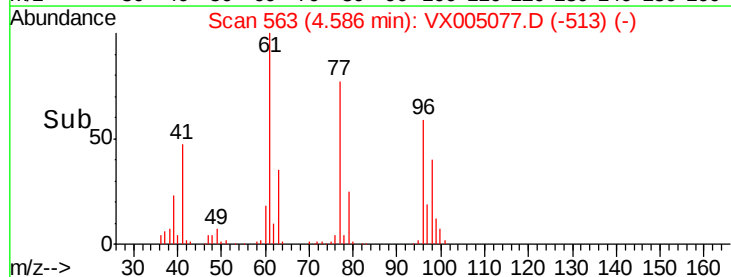
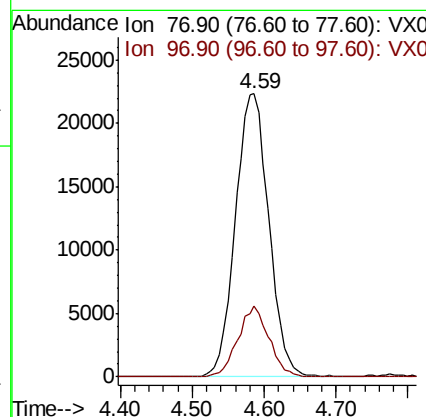
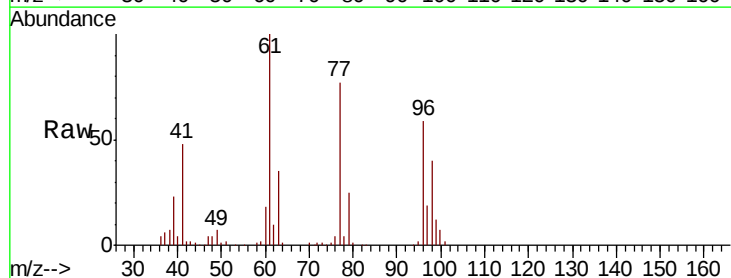
Acq: 05 Oct 2018 20:11

Tgt Ion: 77 Resp: 71919

Ion Ratio Lower Upper

77 100

97 23.2 12.6 37.8





#27

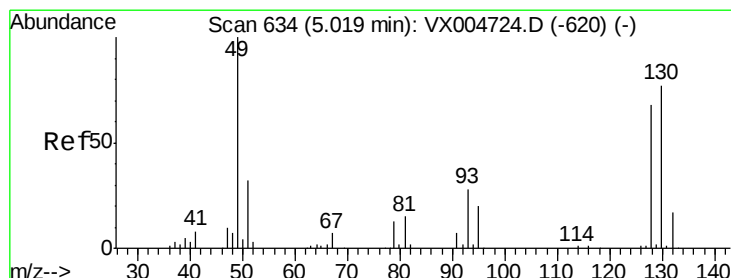
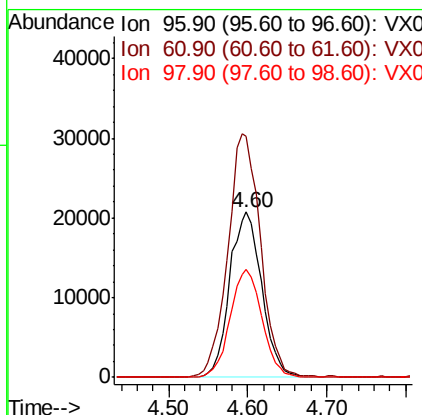
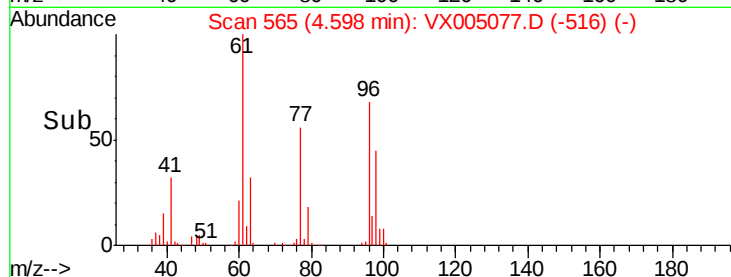
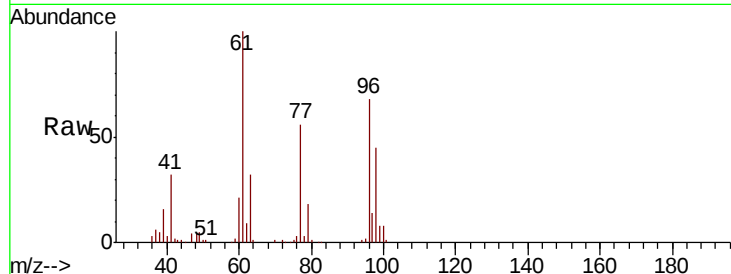
cis-1,2-Dichloroethene
Concen: 19.184 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	285.8
98	64.9	0.0	136.2

Manual Integrations
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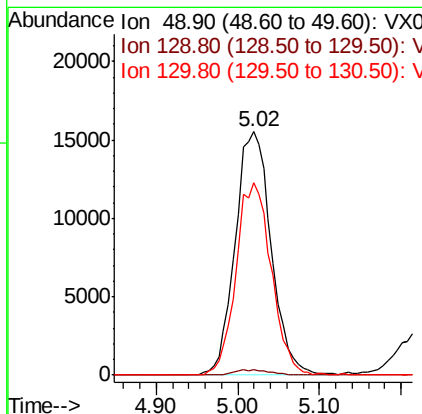
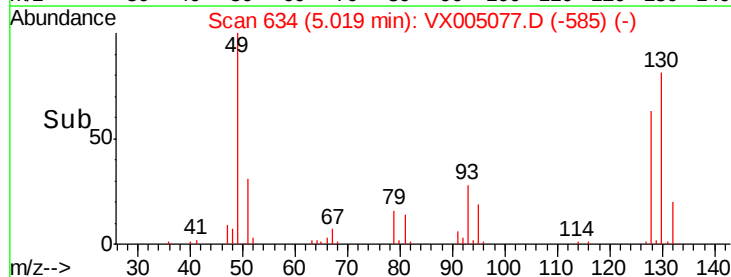
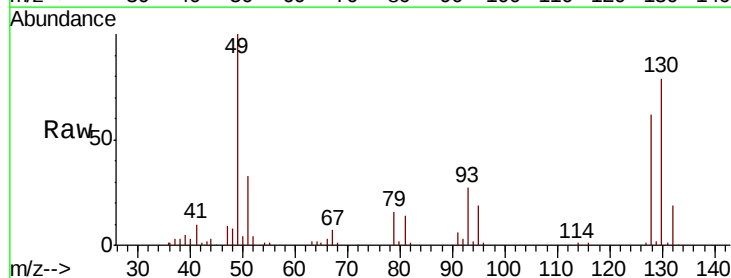
MMDadoda
10/8/2018 1:46:23 PM



#28

Bromochloromethane
Concen: 18.459 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	77.0	62.0	93.0





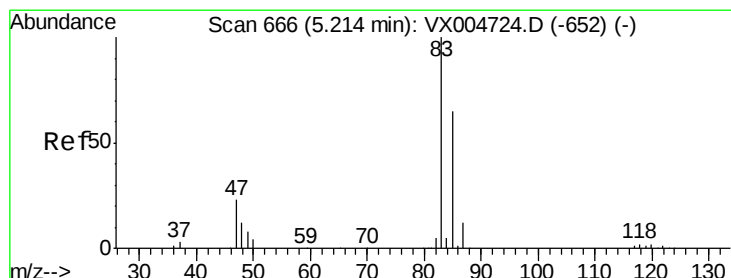
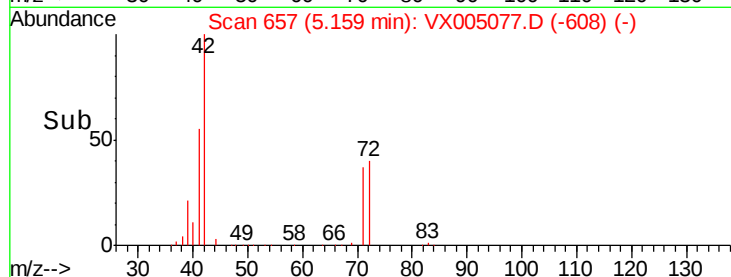
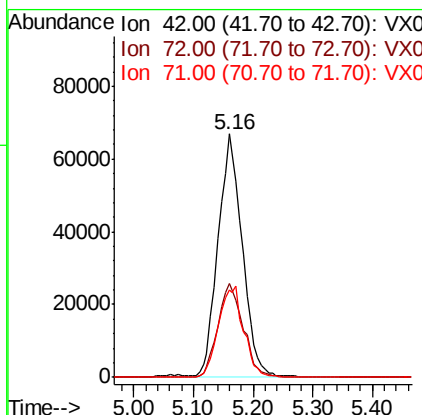
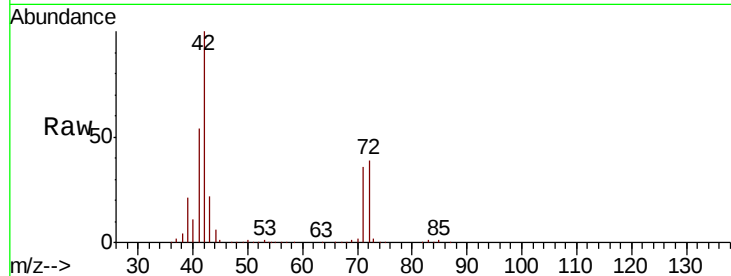
#29
Tetrahydrofuran
Concen: 107.636 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	33.7	50.5
71	38.8	32.2	48.4

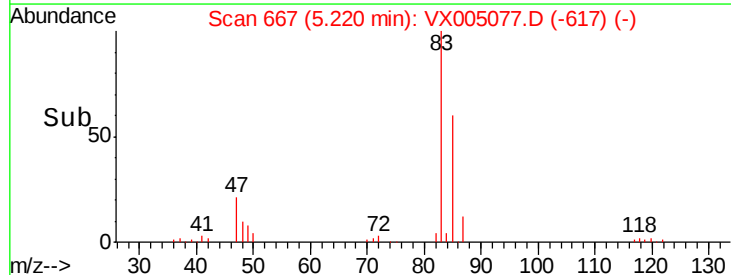
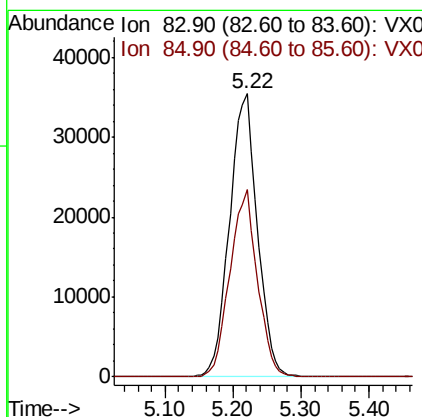
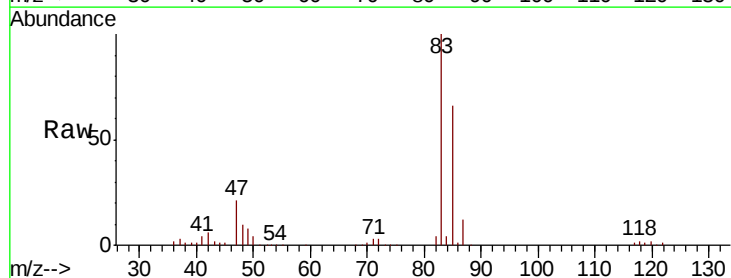
Manual Integrations
APPROVED

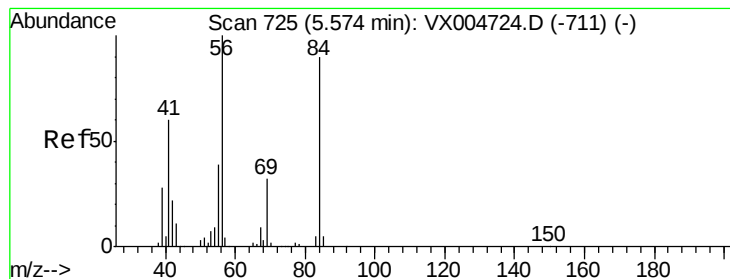
MMDadoda
10/8/2018 1:46:23 PM



#30
Chloroform
Concen: 19.541 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.4	78.6





#31

Cyclohexane

Concen: 20.699 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

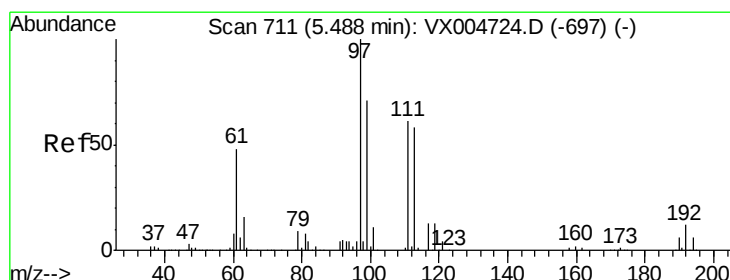
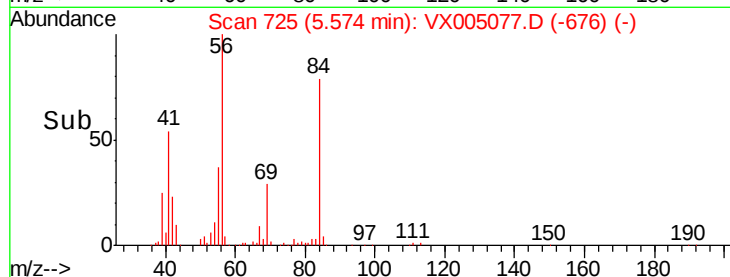
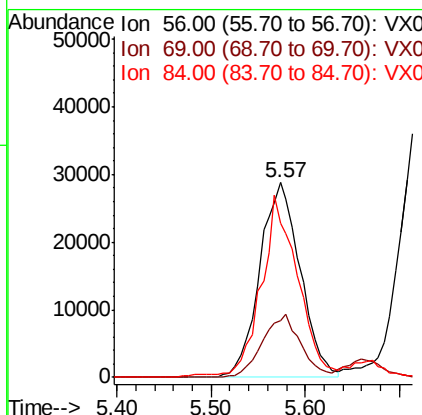
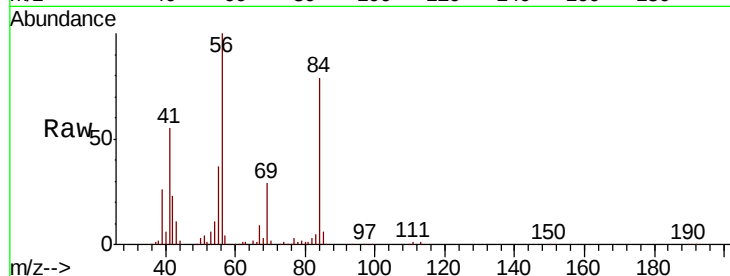
ClientSampleId :

VX1005MBS01

Tot Ion:	56	Resp:	86570
Ion	Ratio	Lower	Upper
56	100		
69	29.3	25.9	38.9
84	78.0	71.9	107.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.946 ug/l

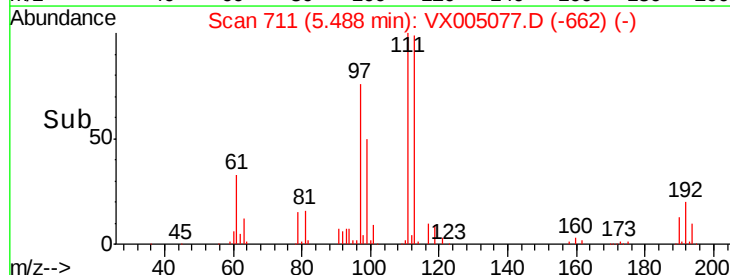
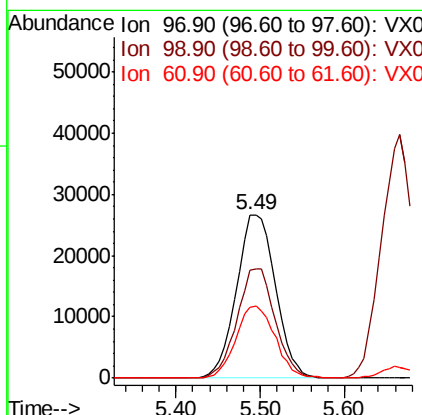
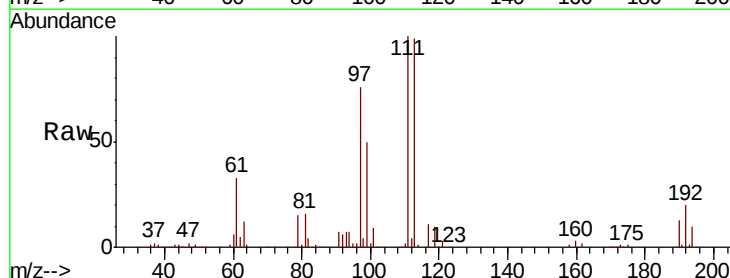
RT: 5.49 min Scan# 711

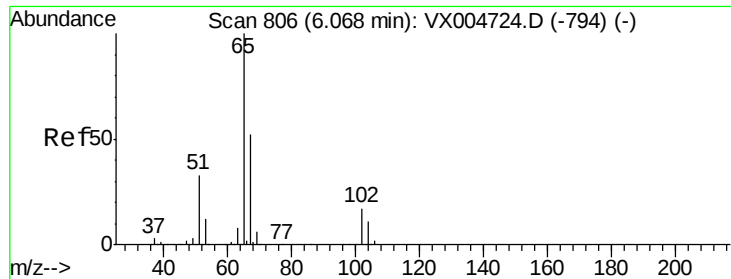
Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Tgt Ion:	97	Resp:	84128
Ion	Ratio	Lower	Upper
97	100		
99	64.9	54.6	82.0
61	44.1	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 49.447 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tot Ion: 65 Resp: 162535

Ion Ratio Lower Upper

65 100

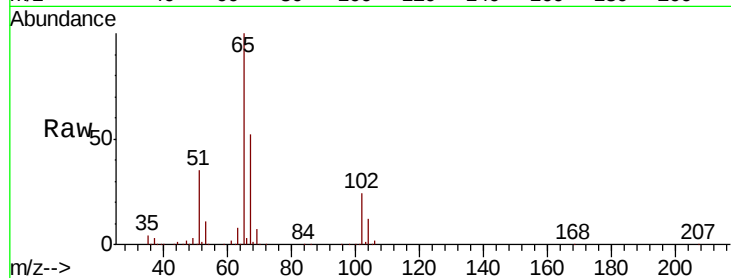
67 53.9 0.0 107.4

Manual Integrations

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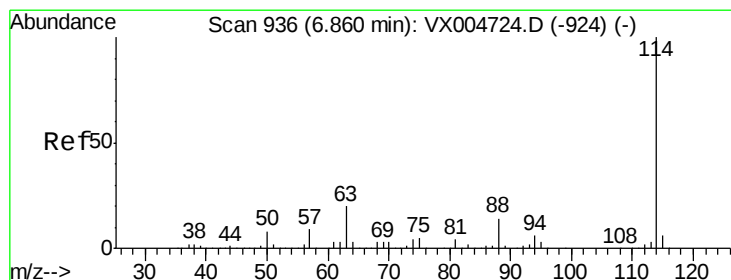
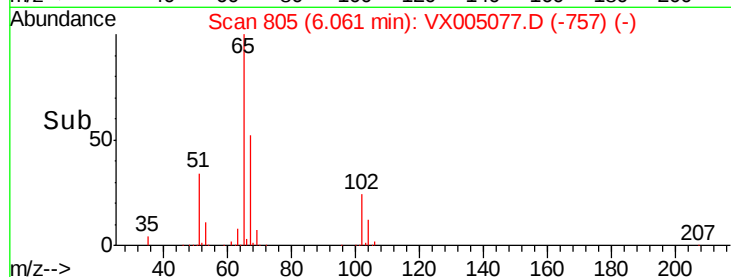
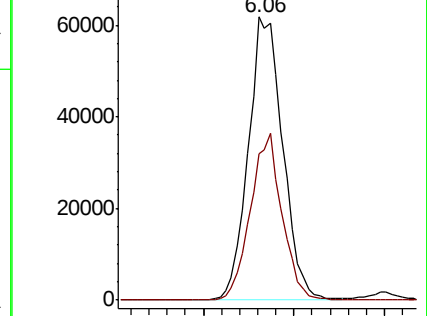
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

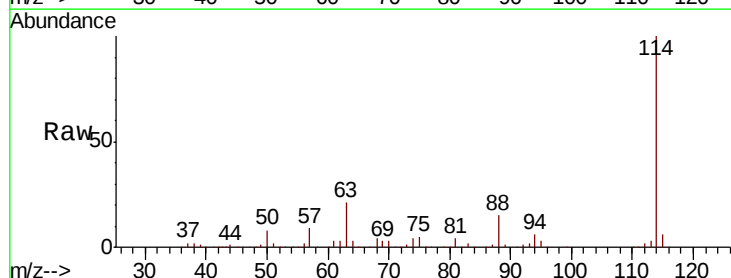
Tgt Ion: 114 Resp: 334771

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.8

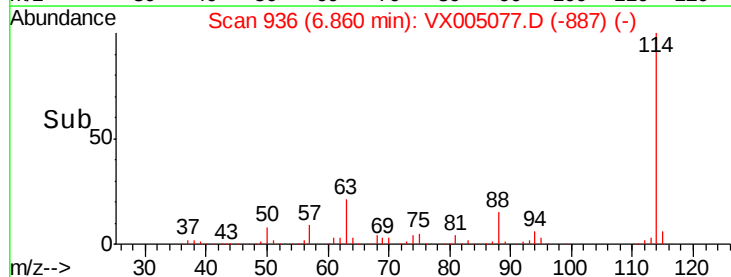
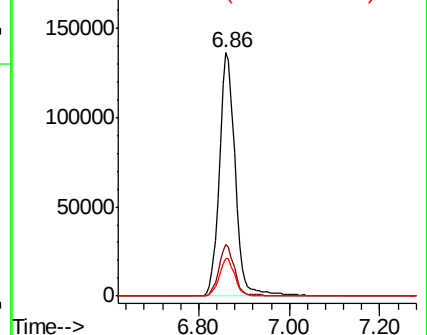
88 15.2 0.0 27.0

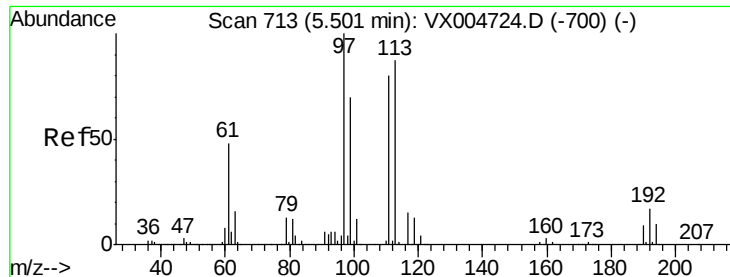


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.117 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

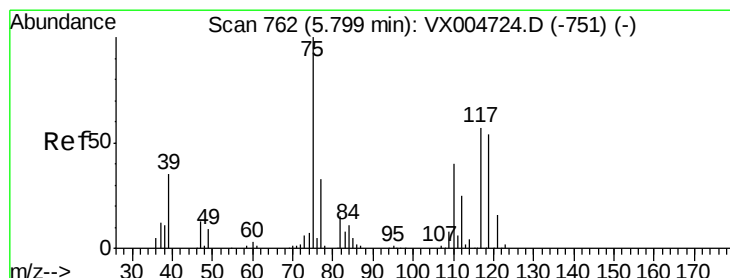
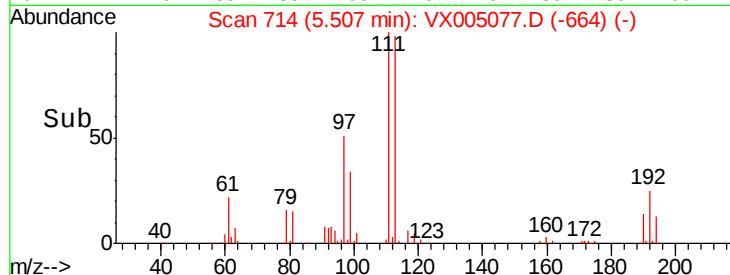
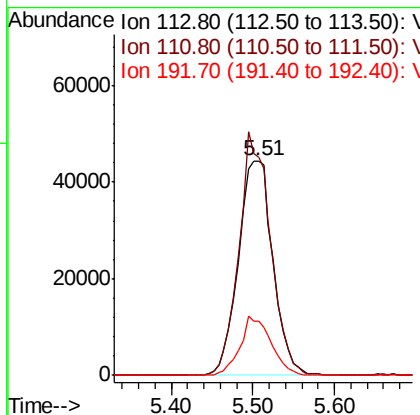
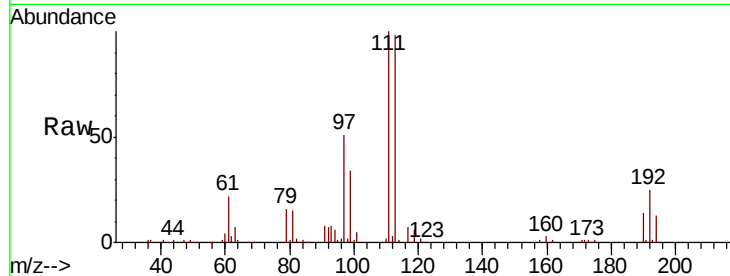
ClientSampleId :

VX1005MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130844		
111	103.3	77.0	115.4	
192	24.5	17.0	25.6	

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.148 ug/l

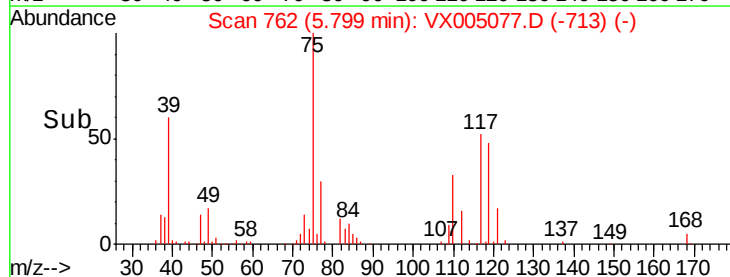
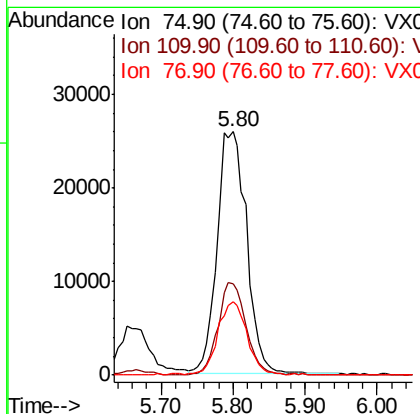
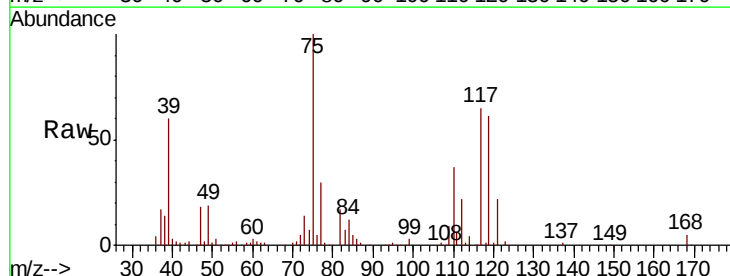
RT: 5.80 min Scan# 762

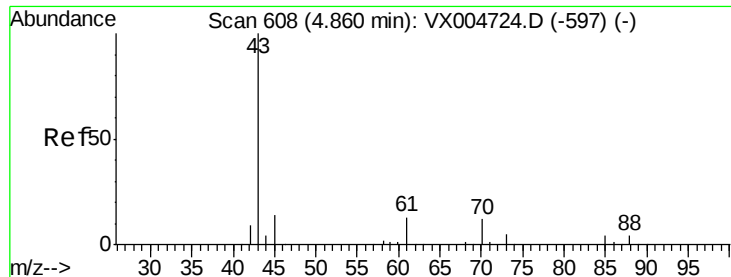
Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	74123		
110	36.2	20.0	59.9	
77	29.3	27.1	40.7	





#37

Ethyl Acetate

Concen: 20.073 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

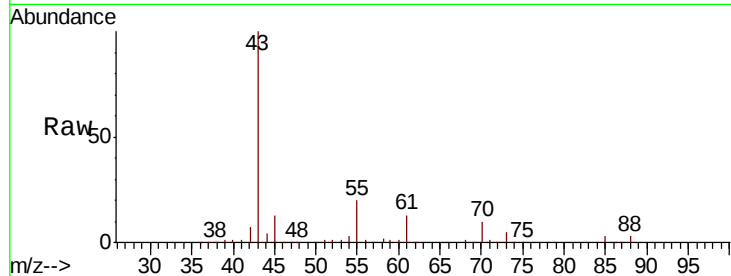
ClientSampleId :

VX1005MBS01

Tot Ion:	43	Resp:	103143
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.4	15.6
70	10.0	8.7	13.1

Manual Integrations
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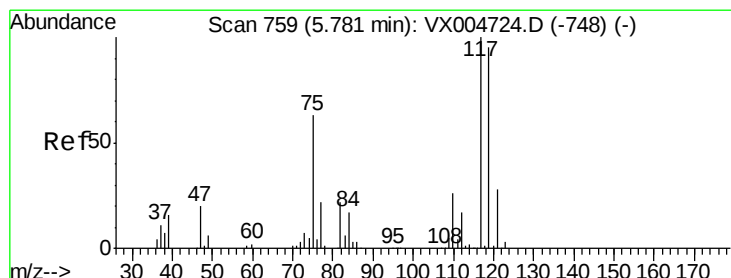
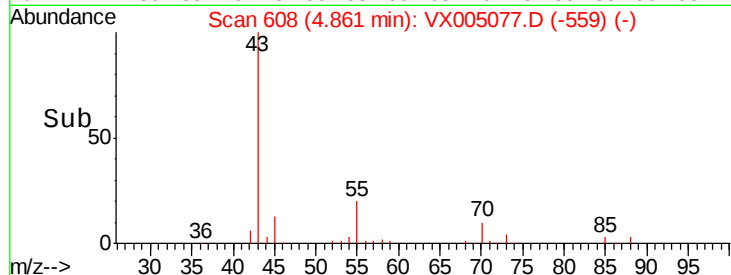
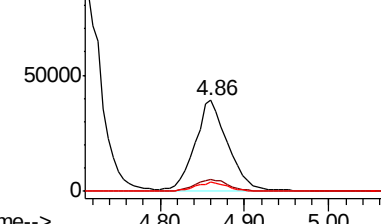
MMDadoda
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Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX004724.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX004724.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 18.628 ug/l

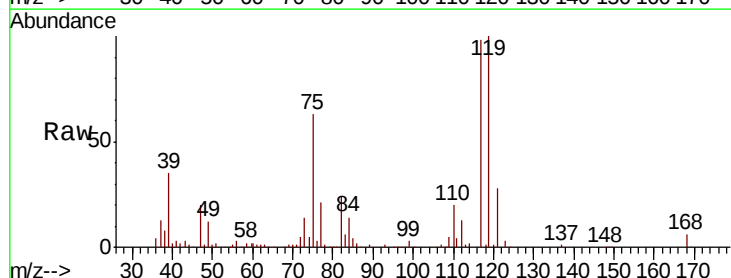
RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

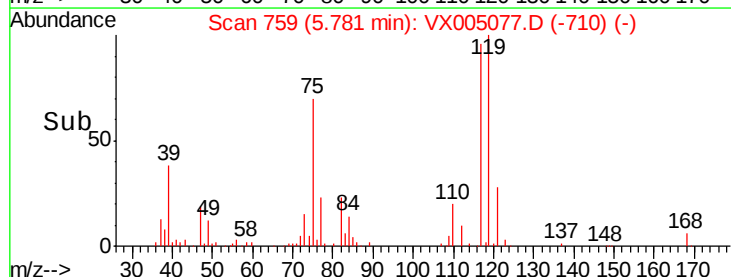
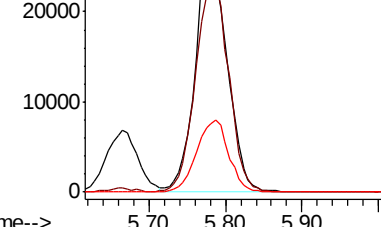
Tgt Ion:	117	Resp:	75799
Ion	Ratio	Lower	Upper
117	100		
119	101.6	75.2	112.8
121	28.2	22.5	33.7

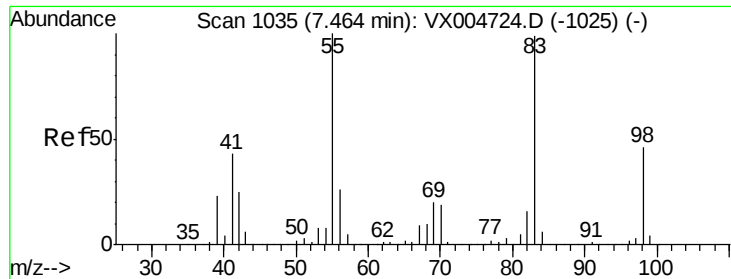


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX004724.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX004724.D (-748) (-)





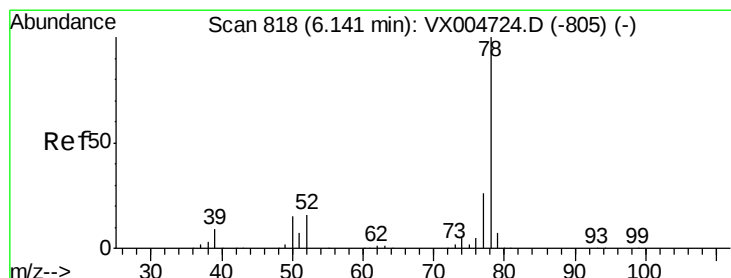
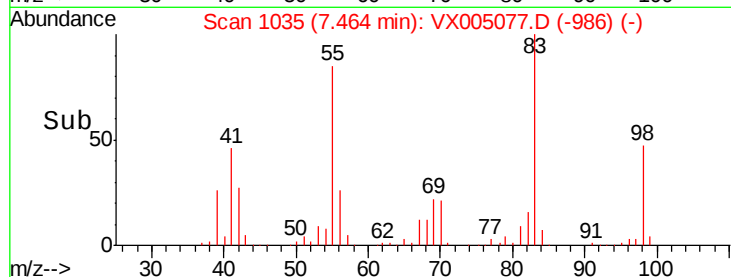
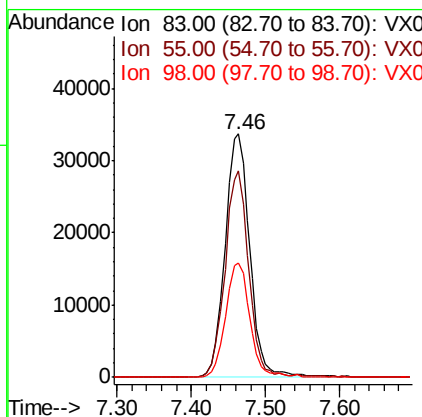
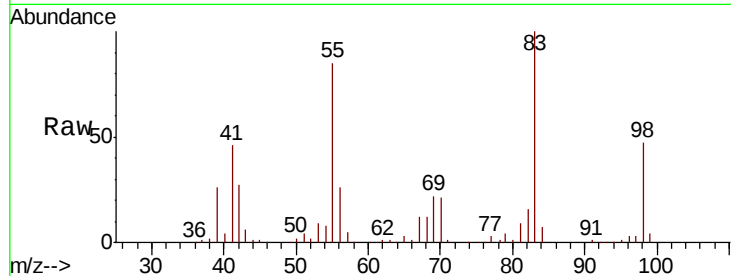
#39
Methylvlcyclohexane
Concen: 19.777 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.0	81.1	121.7
98	46.7	37.3	55.9

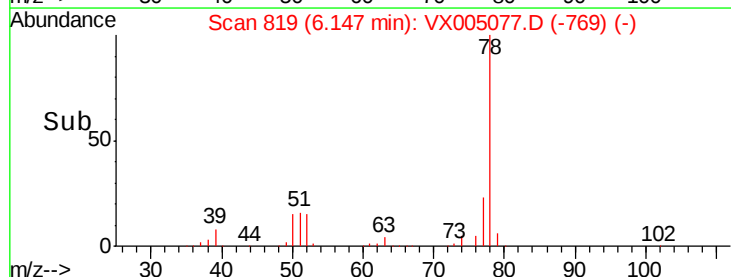
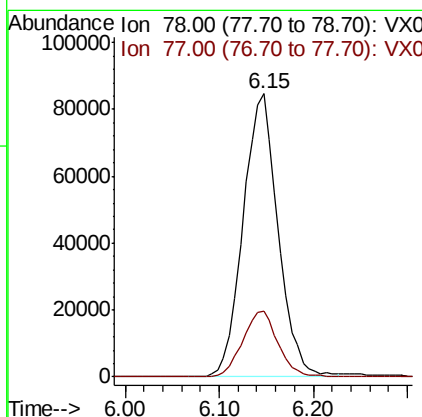
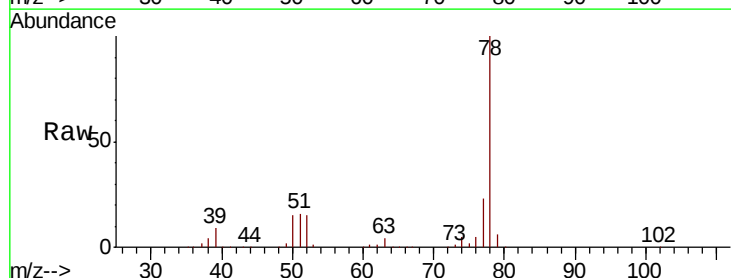
Manual Integrations
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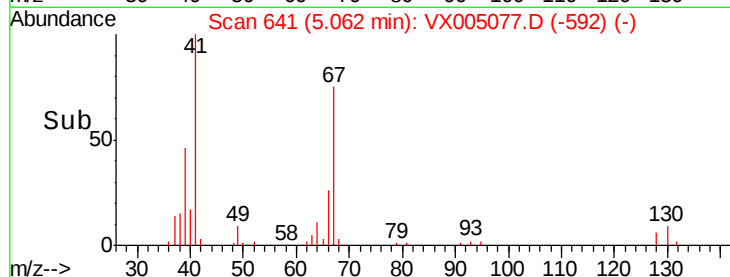
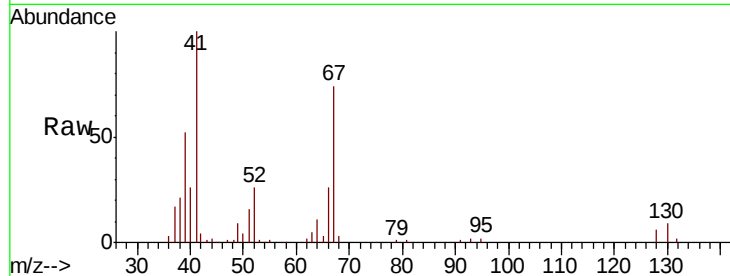
MMDadoda
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#40
Benzene
Concen: 18.196 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	21.0	31.4





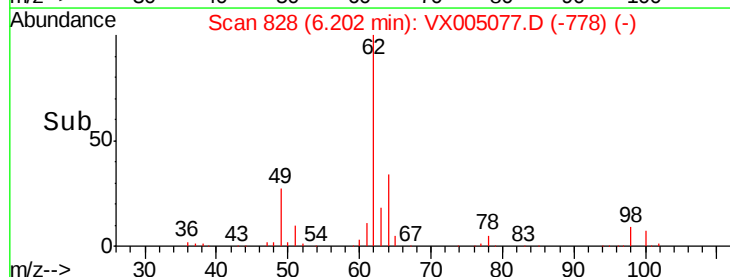
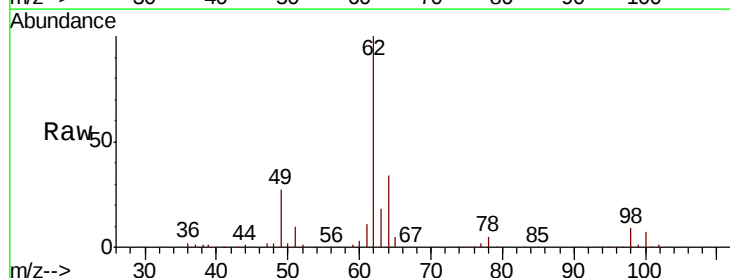
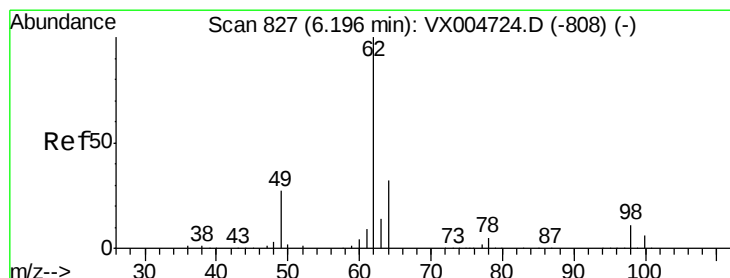
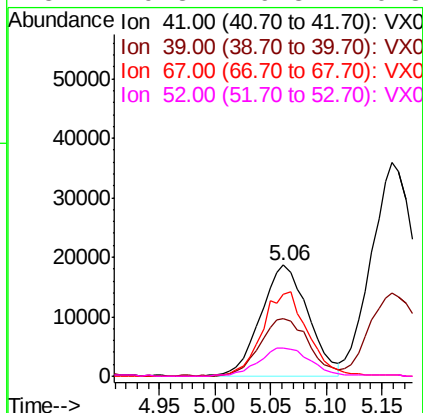
#41
Methacrylonitrile
Concen: 19.254 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		54867		
39	53.0	42.5	63.7		
67	74.4	53.0	79.6		
52	29.3	19.8	29.8		

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

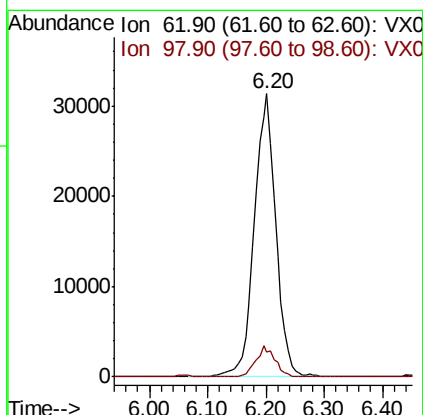
Manual Integrations
APPROVED

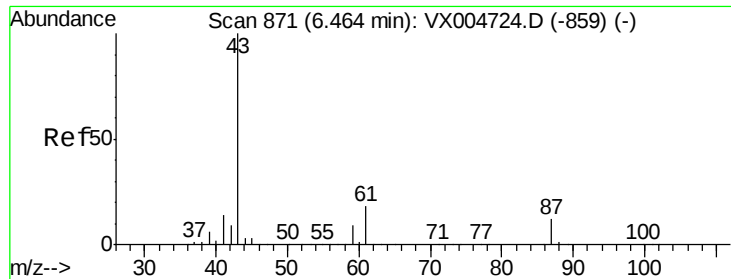
MMDadoda
10/8/2018 1:46:23 PM



#42
1,2-Dichloroethane
Concen: 18.818 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		80618		
98	9.7	0.0	20.2		





#43

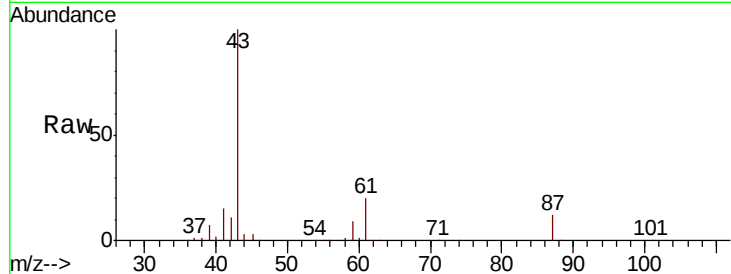
Isopropyl Acetate
 Concen: 19.317 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

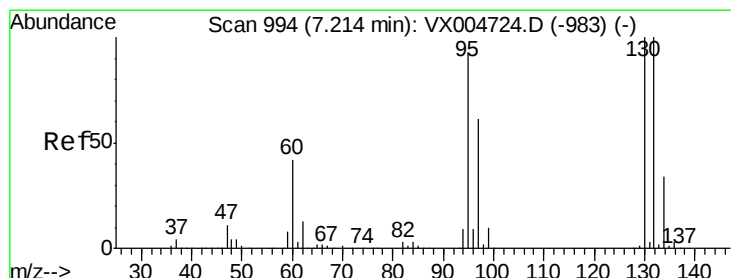
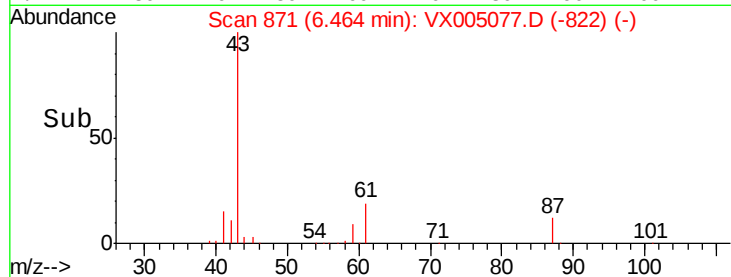
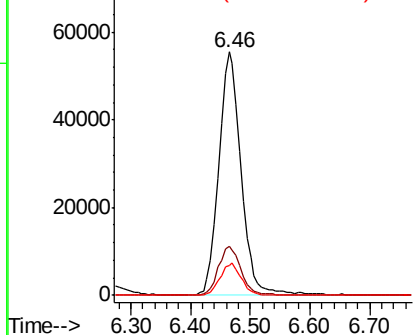
Tot Ion	43	61	87
Resp	143268		
Ratio	100	20.3	12.9
Lower		14.2	9.3
Upper		21.4	13.9

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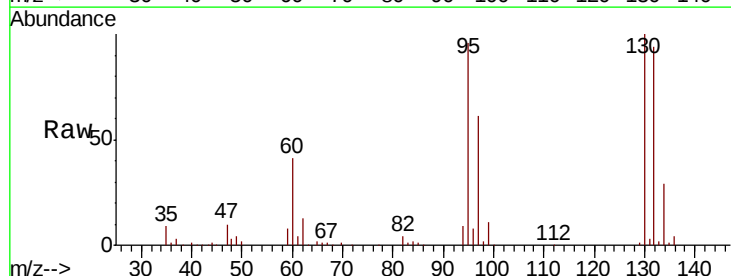
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



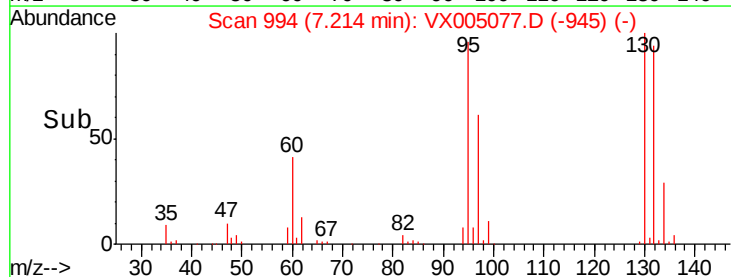
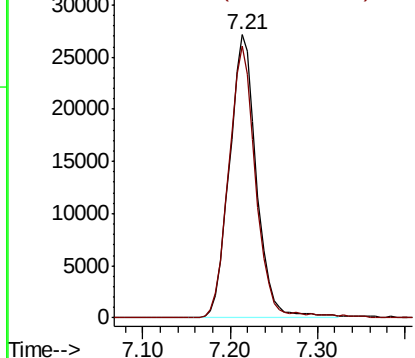
#44

Trichloroethene
 Concen: 19.635 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Tgt Ion	130	95
Resp	58498	
Ratio	100	96.1
Lower		0.0
Upper		186.8



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





#45

1,2-Dichloropropane

Concen: 20.361 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tot Ion: 63 Resp: 60513

Ion Ratio Lower Upper

63 100

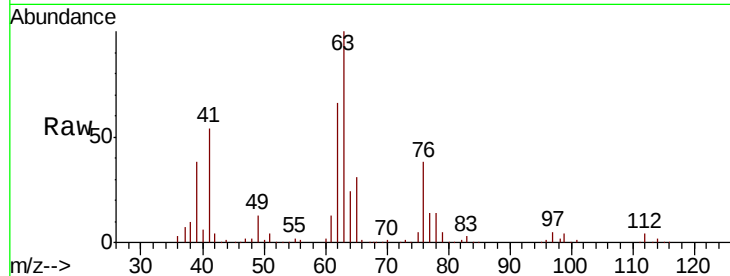
65 30.9 23.9 35.9

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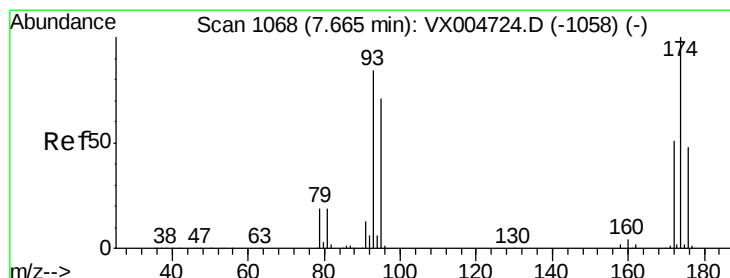
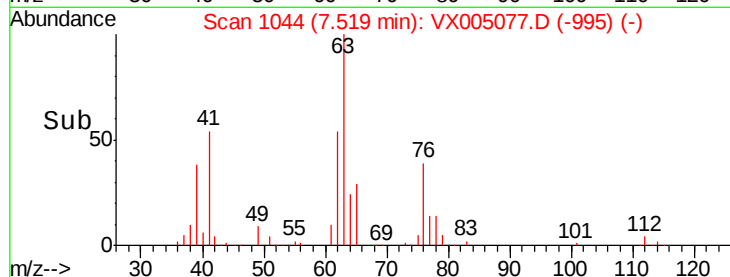
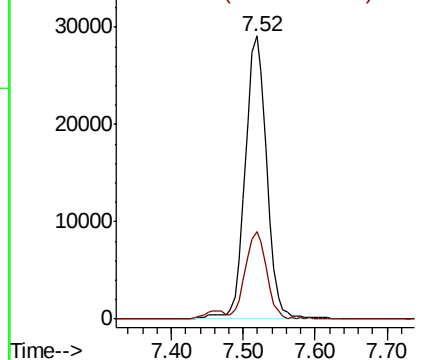
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.049 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

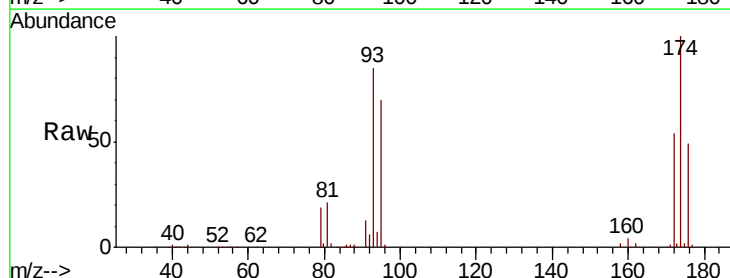
Tgt Ion: 93 Resp: 37446

Ion Ratio Lower Upper

93 100

95 84.0 66.7 100.1

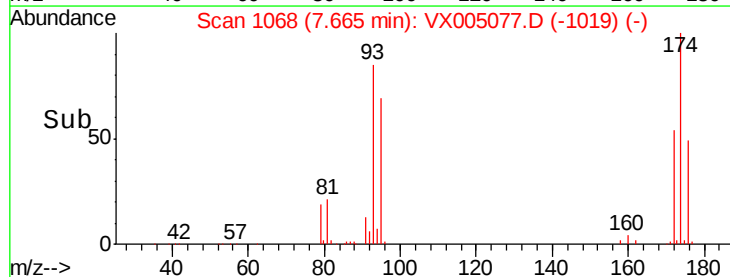
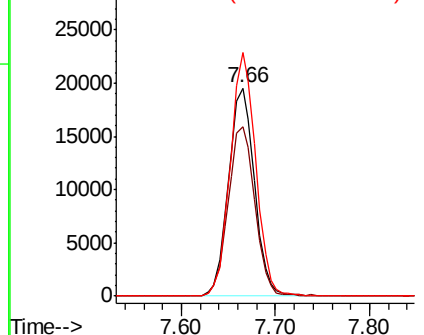
174 114.3 92.7 139.1

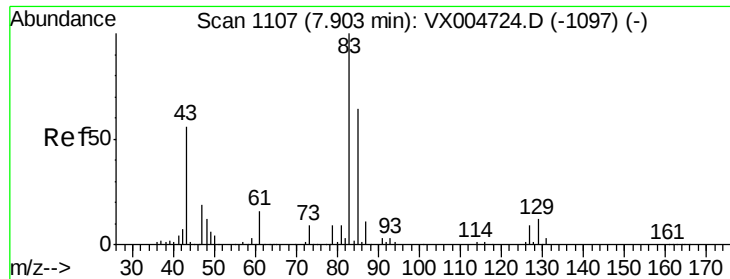


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.313 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

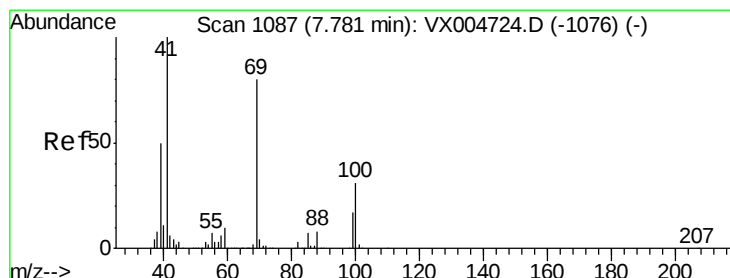
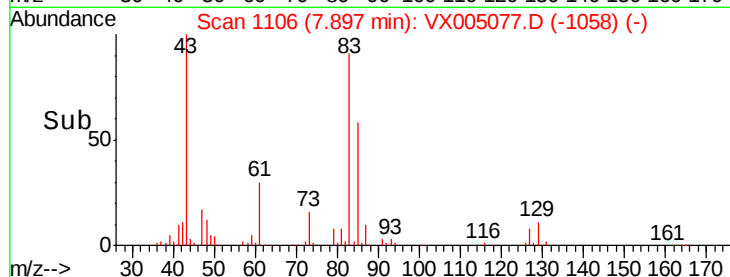
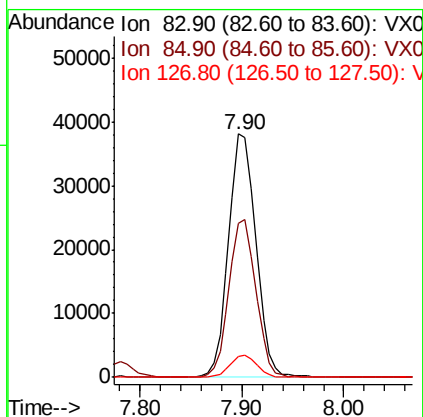
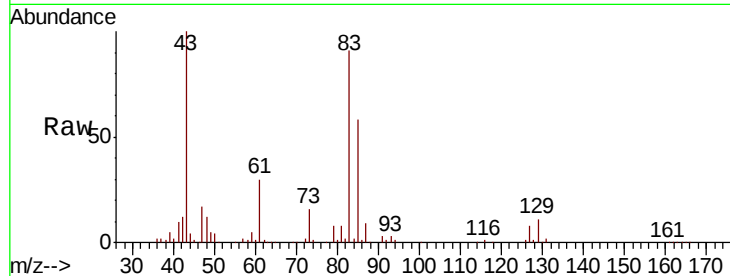
ClientSampleId :

VX1005MBS01

Tot Ion:	83	Resp:	71035
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.2	76.8
127	8.5	7.0	10.6

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#48

Methyl methacrylate

Concen: 21.729 ug/l

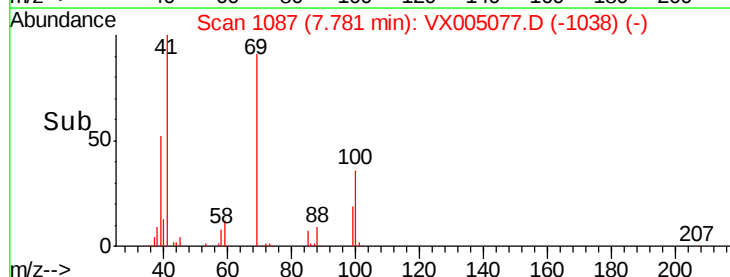
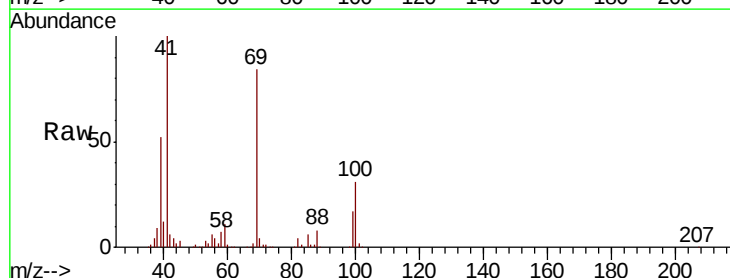
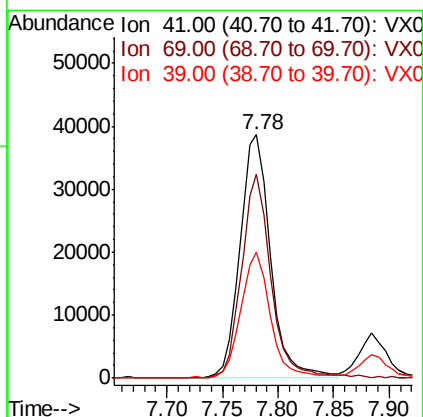
RT: 7.78 min Scan# 1087

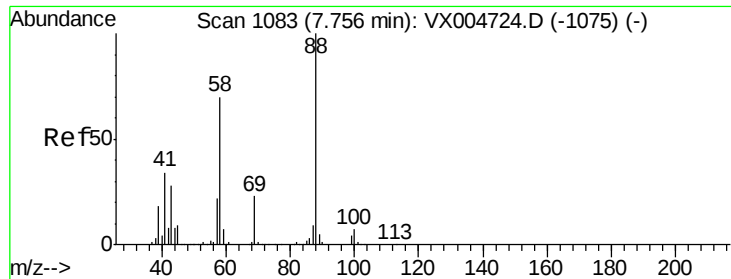
Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Tgt Ion:	41	Resp:	73145
Ion Ratio	Lower	Upper	
41	100		
69	81.5	63.8	95.6
39	50.3	40.7	61.1





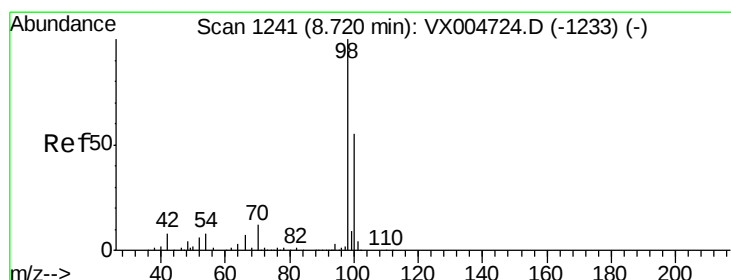
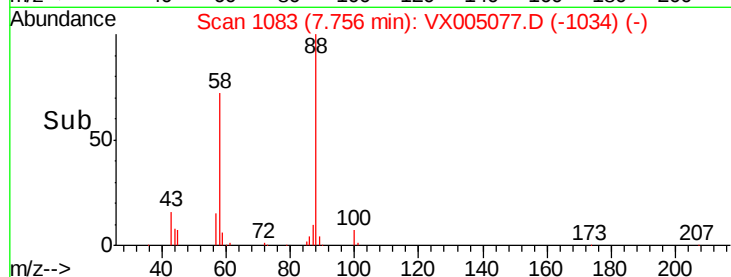
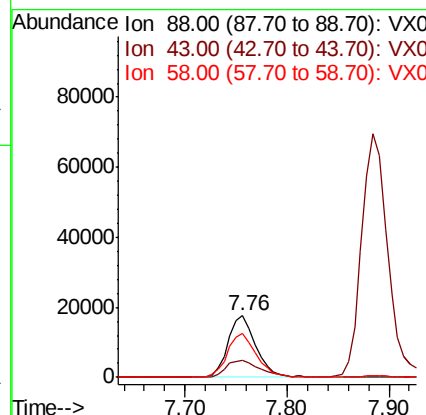
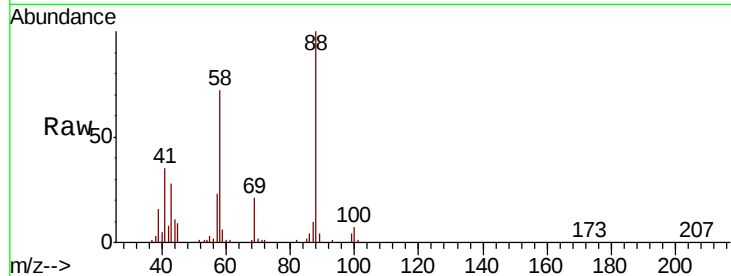
#49
1,4-Dioxane
Concen: 397.545 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	25.1	37.7
58	74.7	56.2	84.2

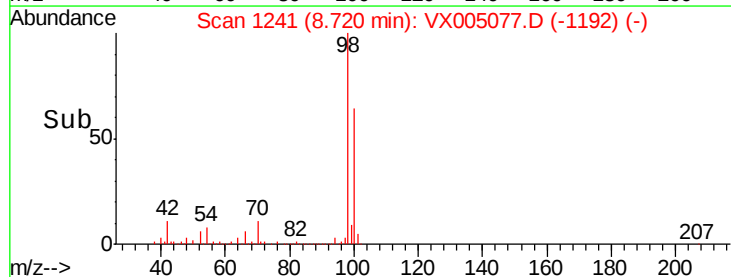
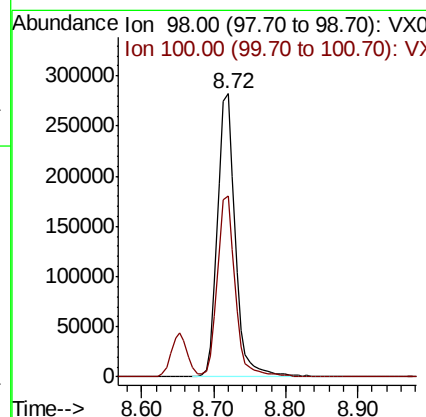
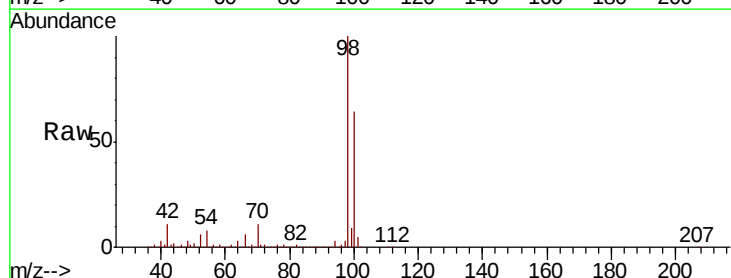
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#50
Toluene-d8
Concen: 51.067 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9





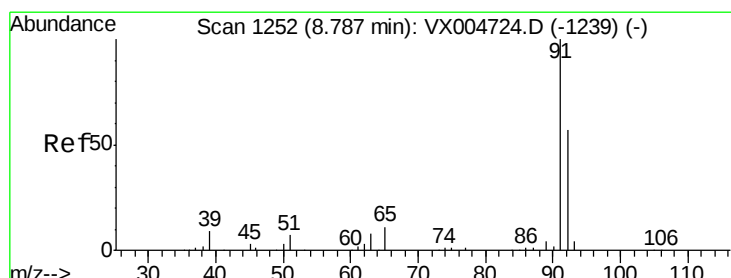
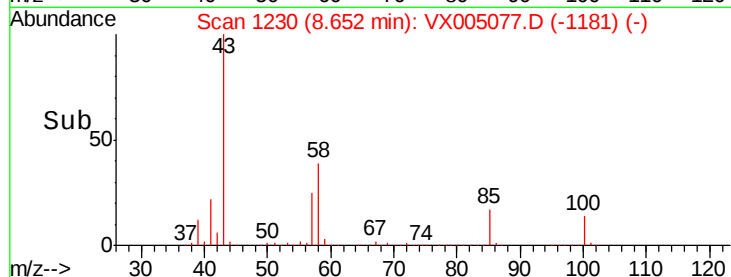
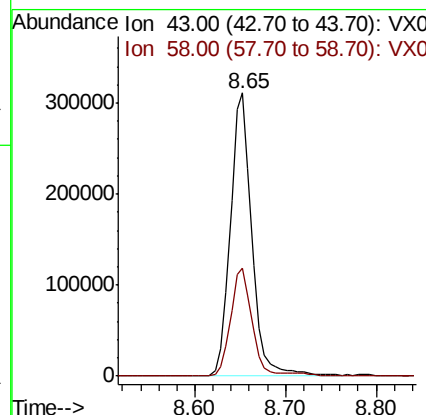
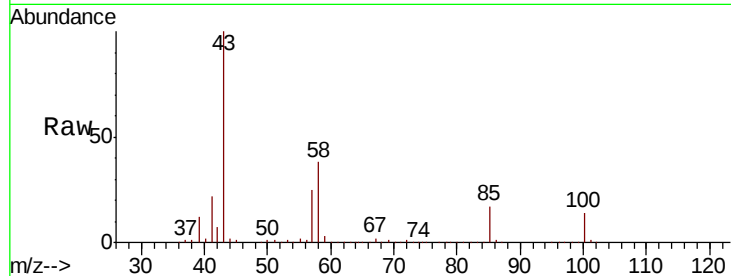
#51
4-Methyl-2-Pentanone
Concen: 110.867 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.5	45.7

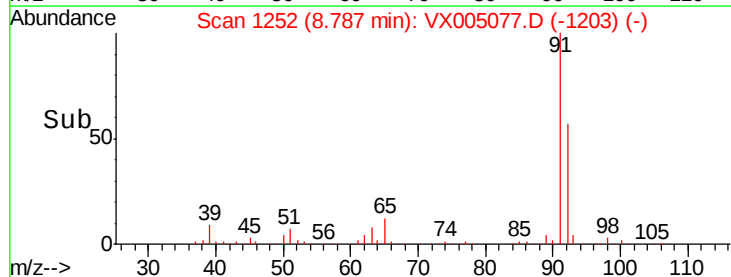
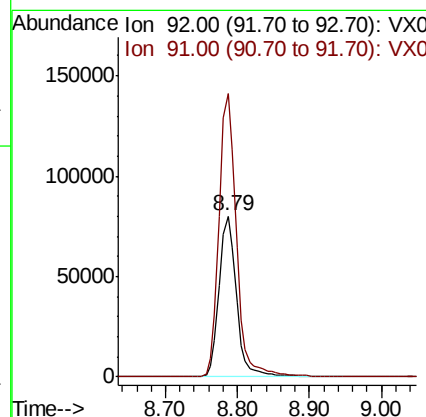
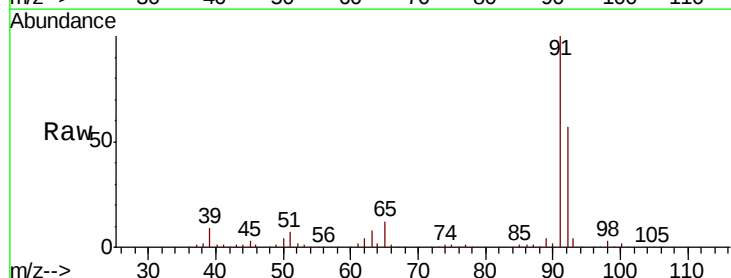
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#52
Toluene
Concen: 20.210 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.6	136.7	205.1





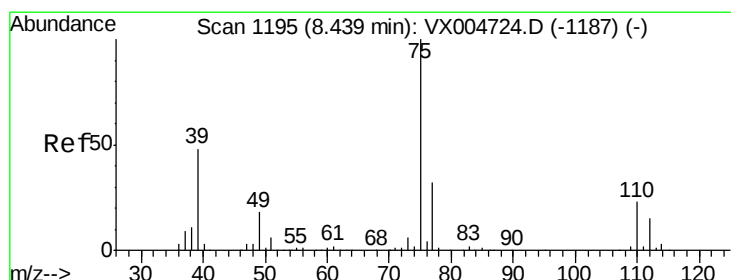
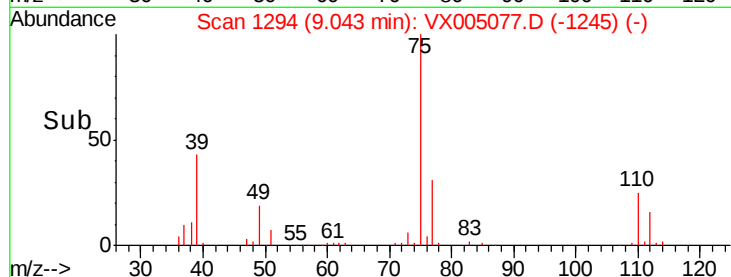
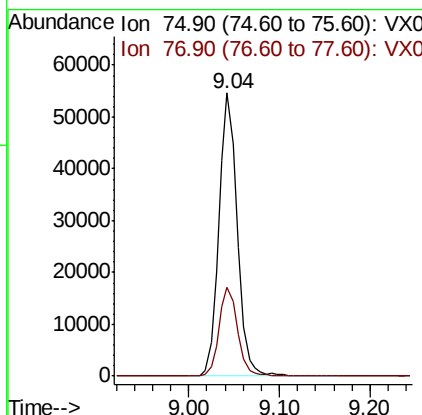
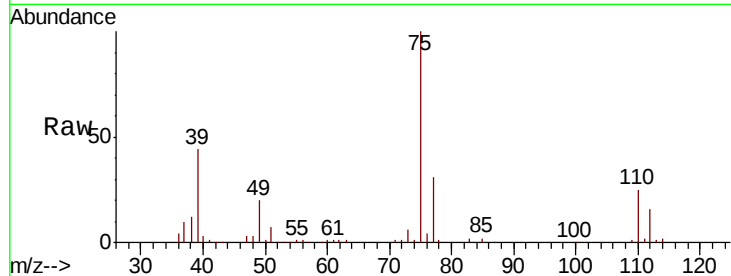
#53
t-1,3-Dichloropropene
Concen: 19.552 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion: 75 Resp: 77263
Ion Ratio Lower Upper
75 100
77 31.4 28.9 43.3

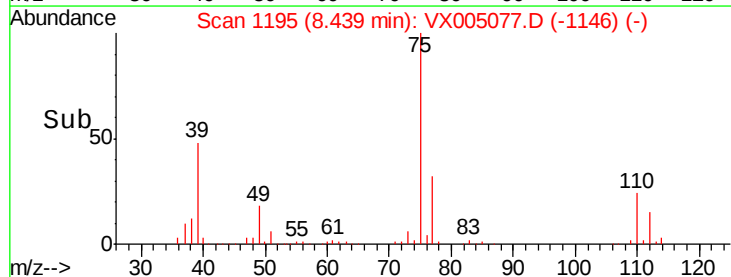
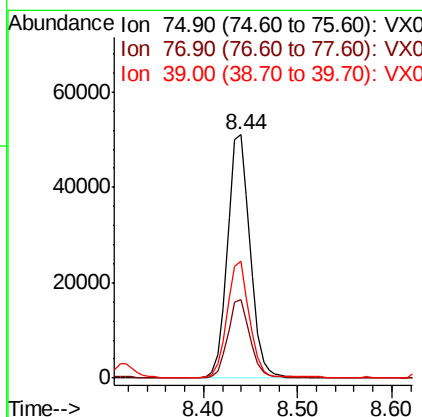
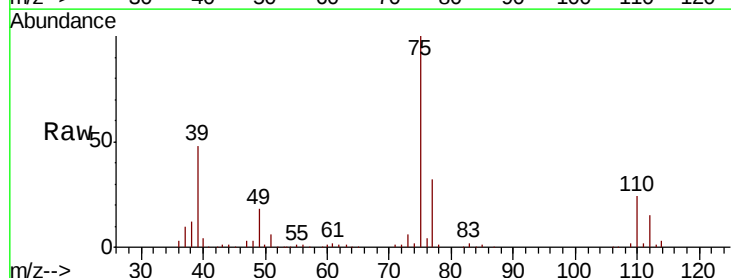
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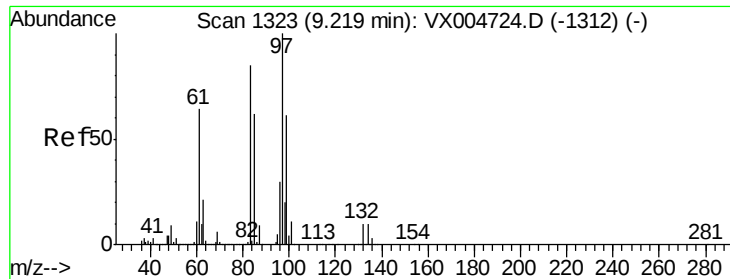
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#54
cis-1,3-Dichloropropene
Concen: 20.513 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 75 Resp: 84907
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
39 47.9 38.3 57.5





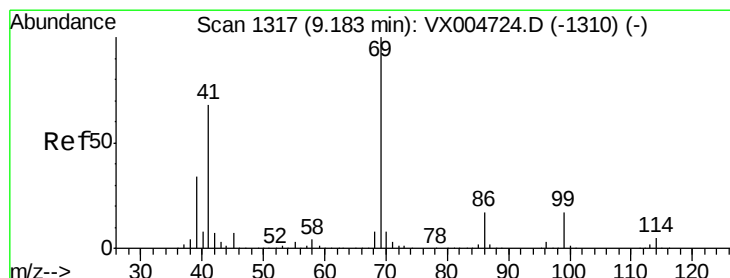
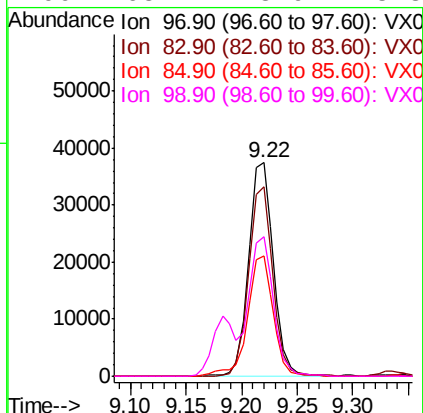
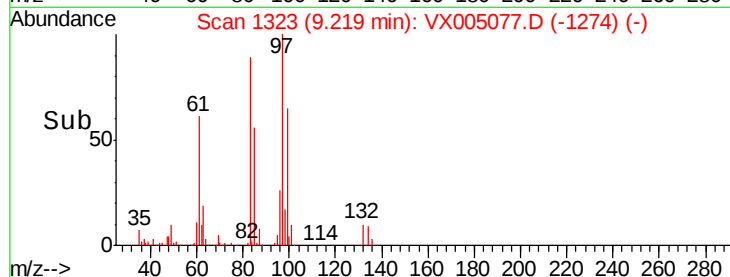
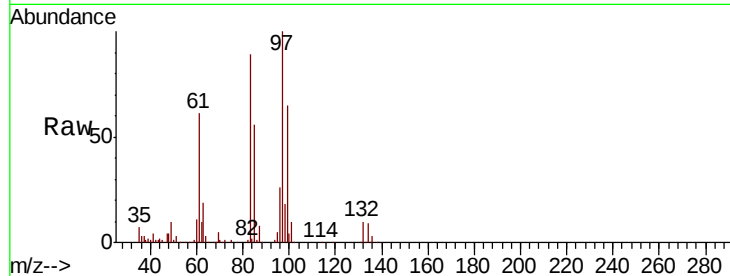
#55
 1,1,2-Trichloroethane
 Concen: 19.835 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

Tot Ion	97	Resp:	57858
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.2	102.2
85	56.4	49.9	74.9
99	65.2	48.9	73.3

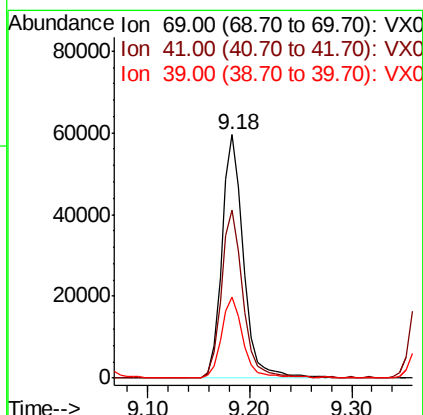
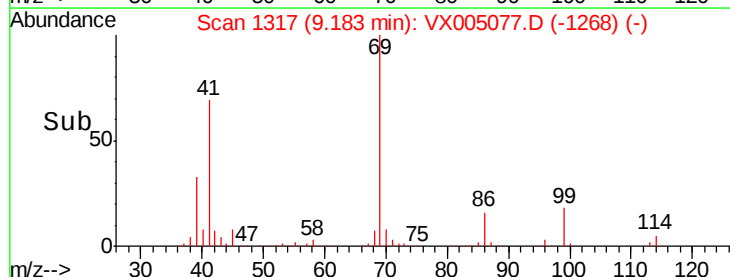
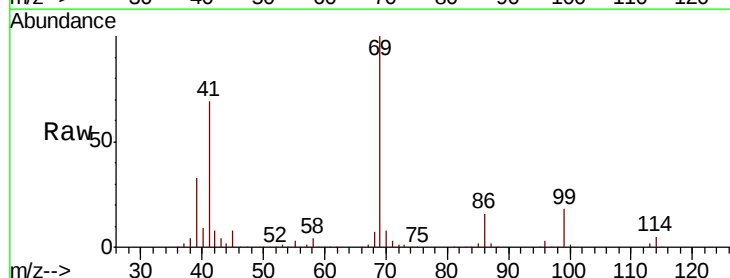
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#56
 Ethyl methacrylate
 Concen: 20.227 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Tgt Ion	69	Resp:	87185
Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.9	85.3
39	33.8	28.4	42.6





#57

1,3-Dichloropropane

Concen: 19.956 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tot Ion: 76 Resp: 96881

Ion Ratio Lower Upper

76 100

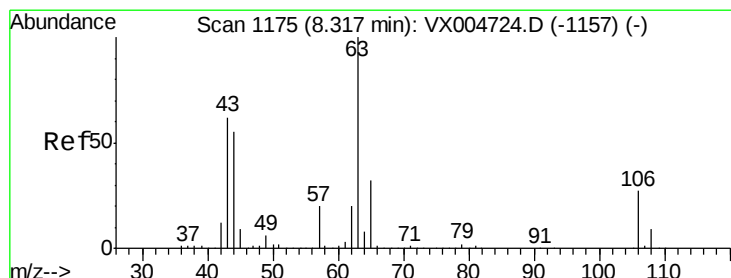
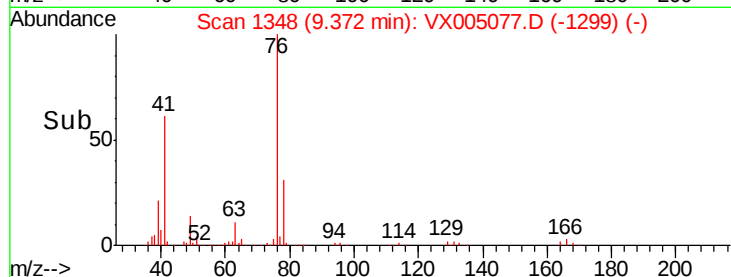
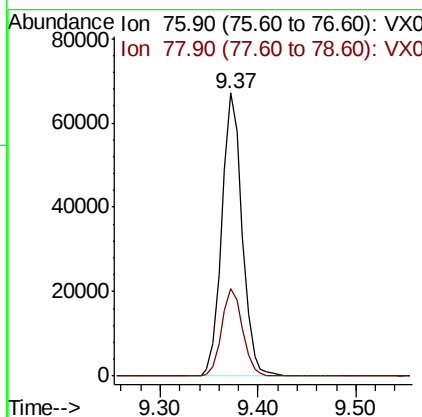
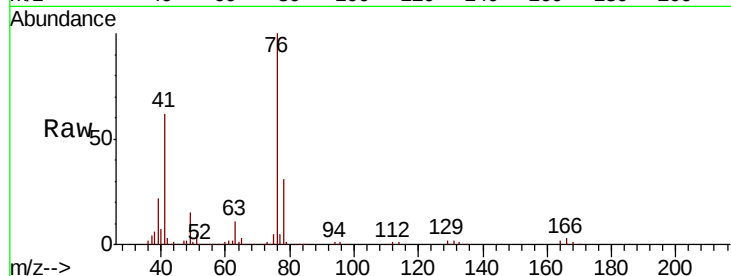
78 31.8 26.6 40.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 105.551 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005077.D

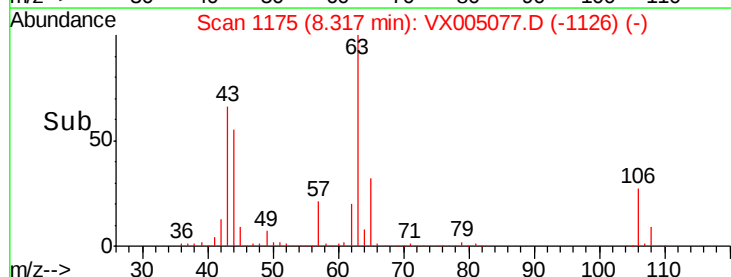
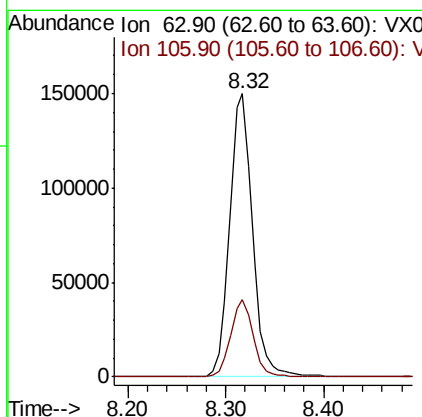
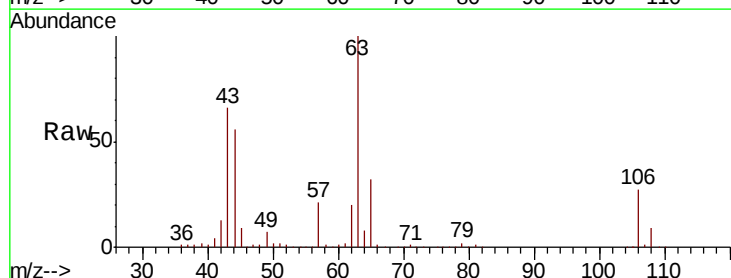
Acq: 05 Oct 2018 20:11

Tgt Ion: 63 Resp: 243357

Ion Ratio Lower Upper

63 100

106 27.2 21.0 31.6





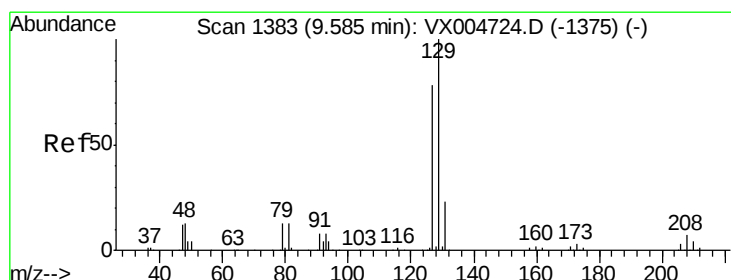
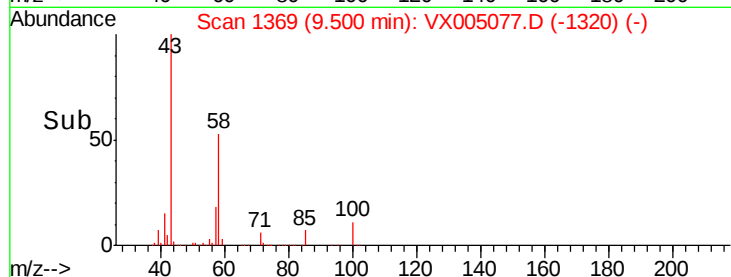
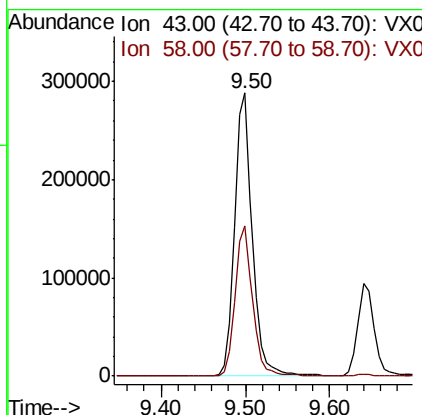
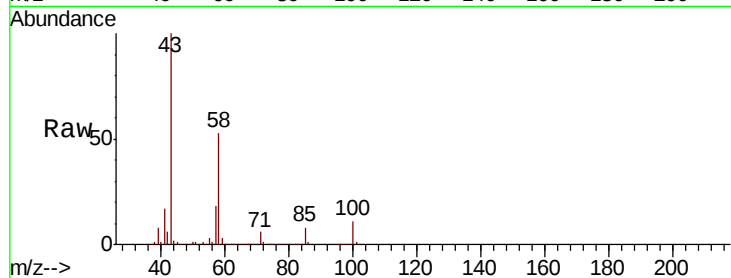
#59
2-Hexanone
Concen: 104.796 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.6	28.4	85.3

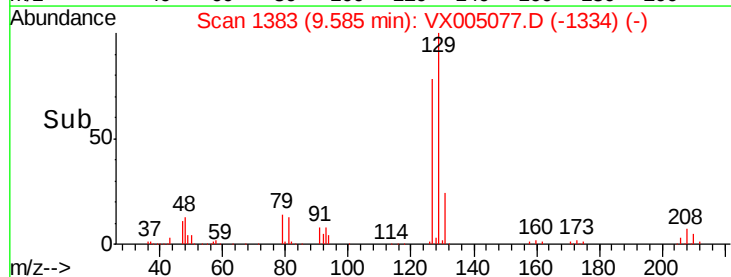
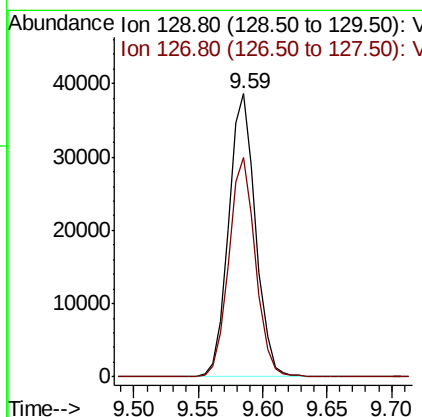
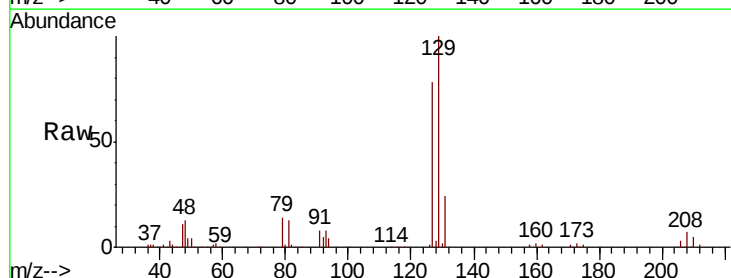
Manual Integrations
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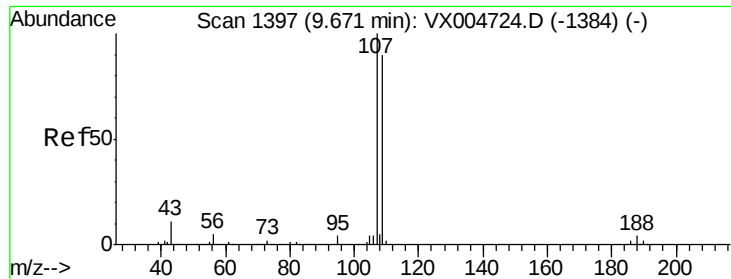
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#60
Dibromochloromethane
Concen: 19.372 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	39.1	117.2





#61

1,2-Dibromoethane

Concen: 18.958 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tot Ion:107 Resp: 59223

Ion Ratio Lower Upper

107 100

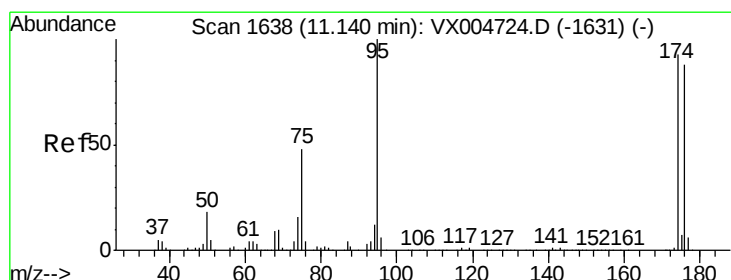
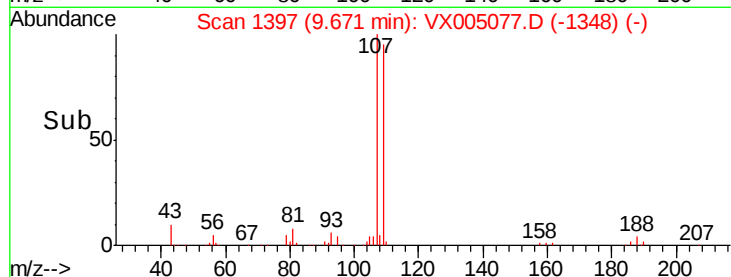
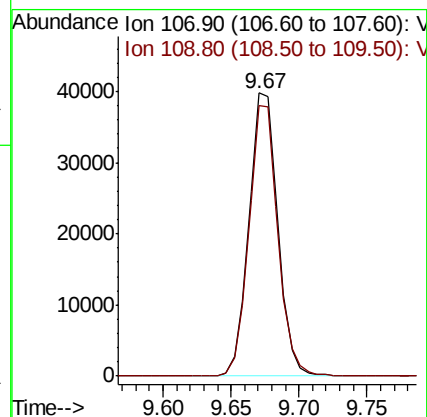
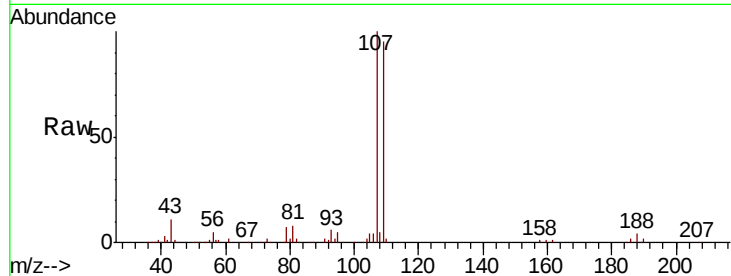
109 95.8 72.1 108.1

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#62

4-Bromofluorobenzene

Concen: 52.311 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

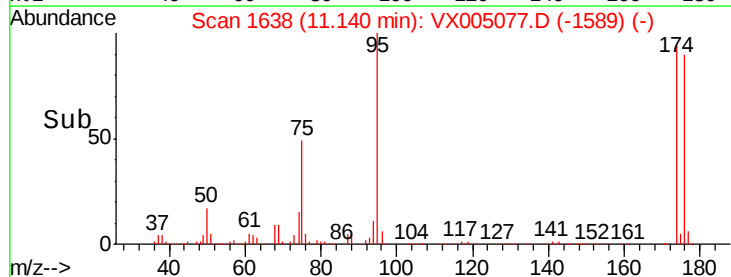
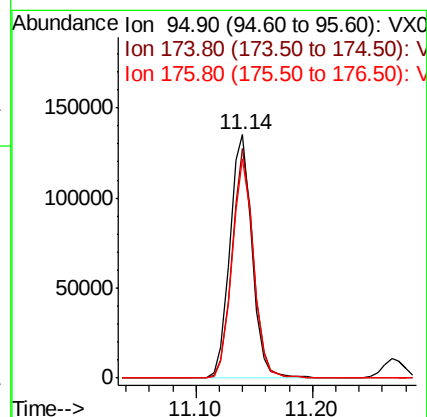
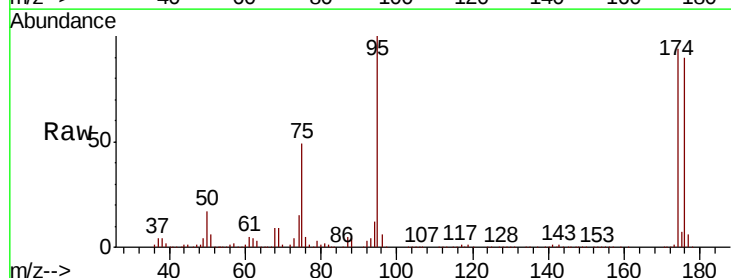
Tgt Ion: 95 Resp: 177756

Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.0

176 87.9 0.0 180.2





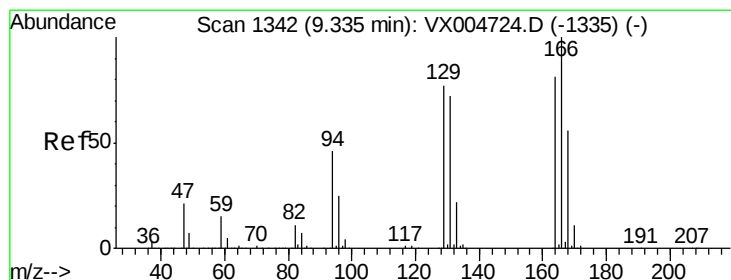
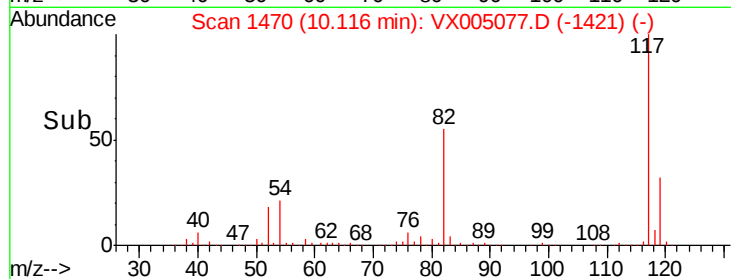
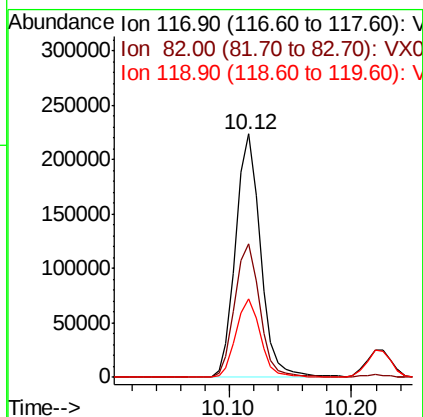
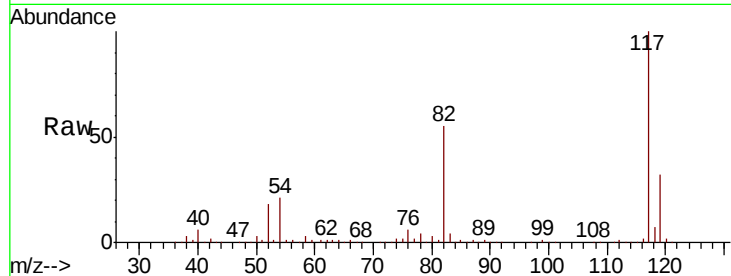
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.2	63.4
119	32.2	27.4	41.0

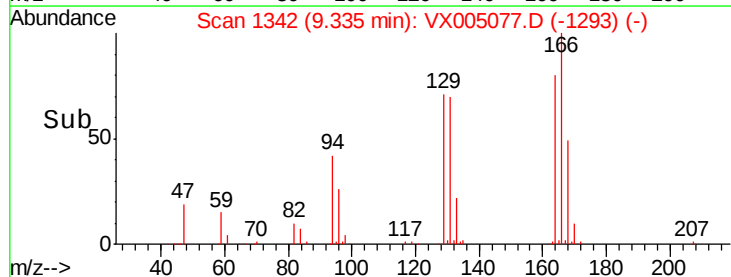
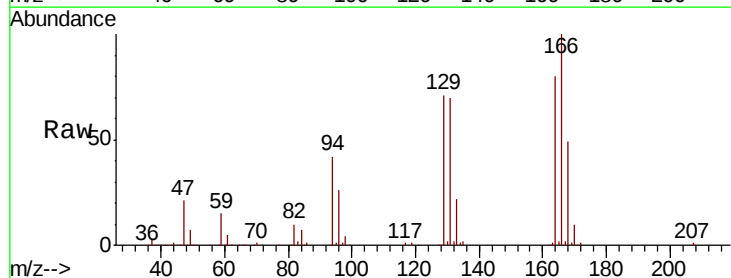
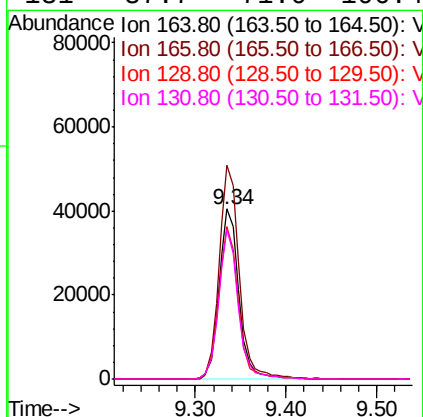
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#64
Tetrachloroethene
Concen: 19.914 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	98.4	147.6
129	89.3	76.1	114.1
131	87.7	71.0	106.4





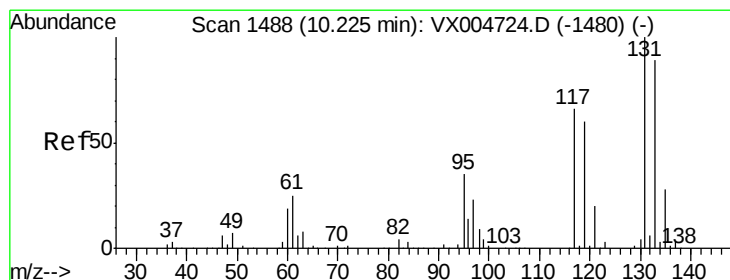
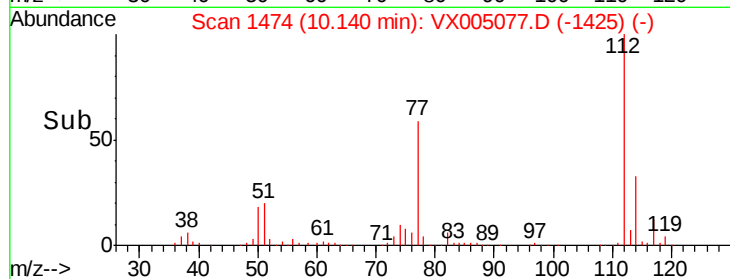
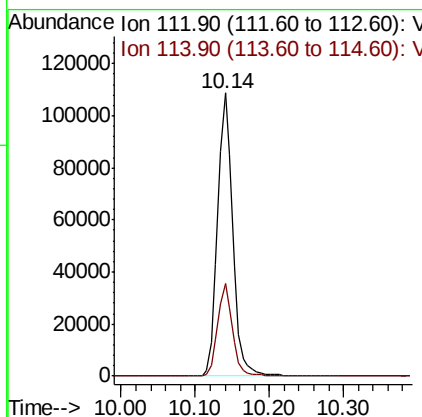
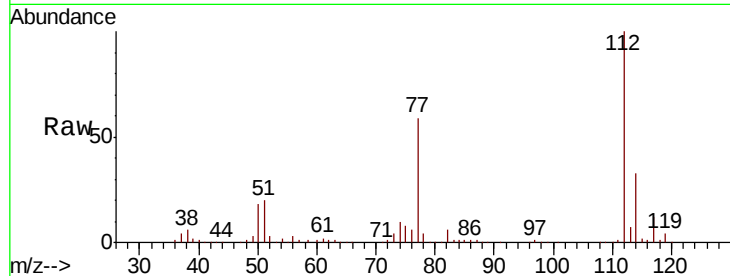
#65
Chlorobenzene
Concen: 18.933 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion:112 Resp: 152716
Ion Ratio Lower Upper
112 100
114 32.8 26.7 40.1

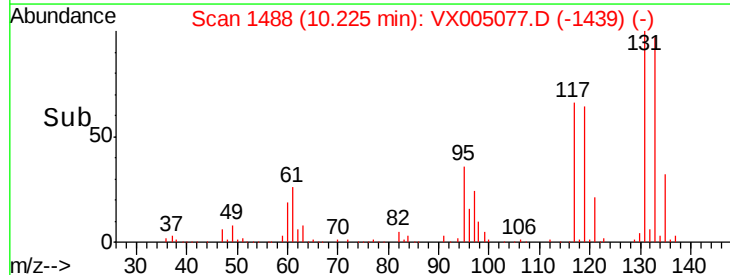
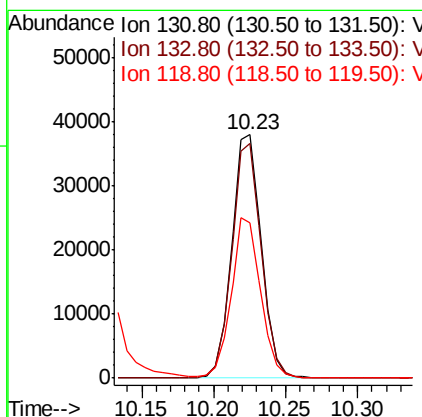
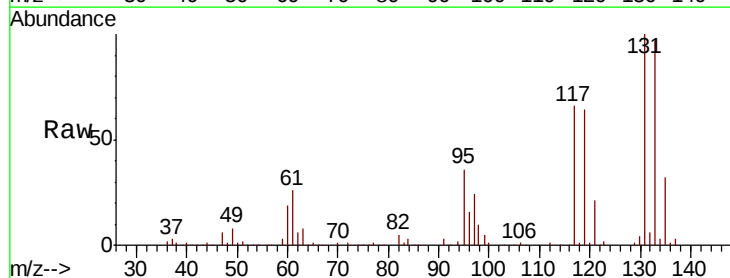
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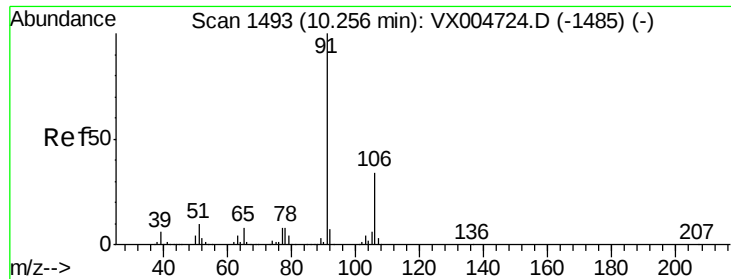
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.156 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion:131 Resp: 54322
Ion Ratio Lower Upper
131 100
133 96.3 48.4 145.0
119 65.6 32.3 96.8





#67

Ethyl Benzene

Concen: 19.584 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

VX1005MBS01

Tot Ion: 91 Resp: 250795

Ion Ratio Lower Upper

91 100

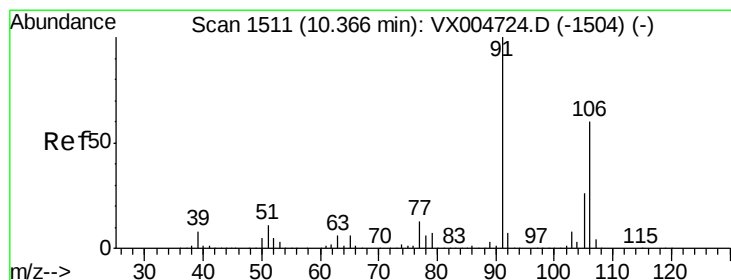
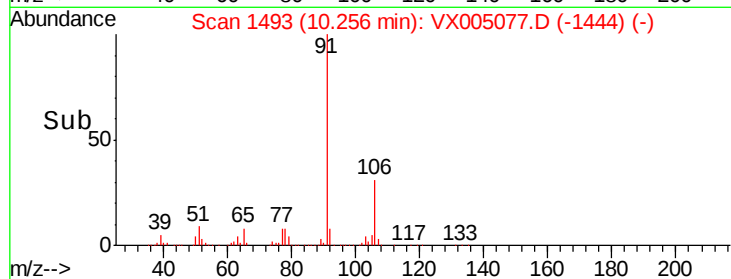
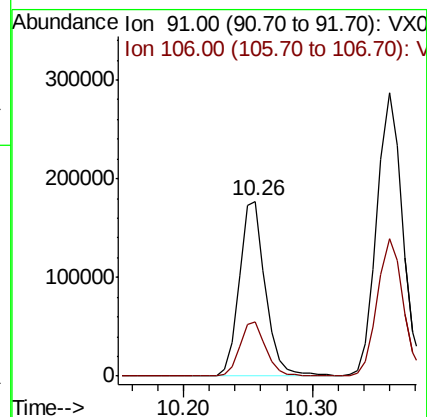
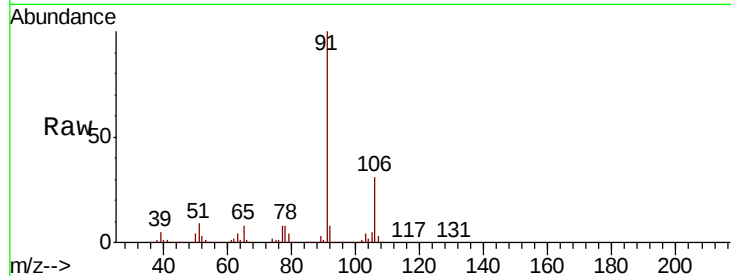
106 31.2 26.9 40.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.319 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005077.D

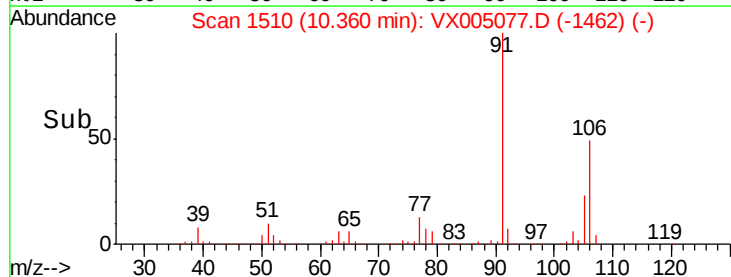
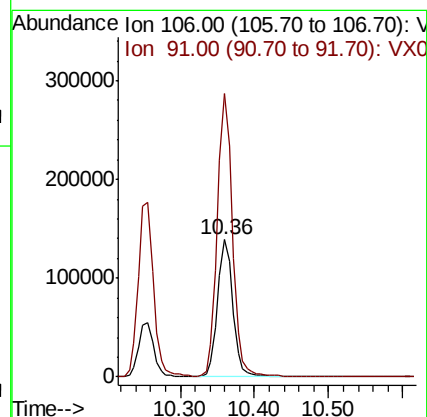
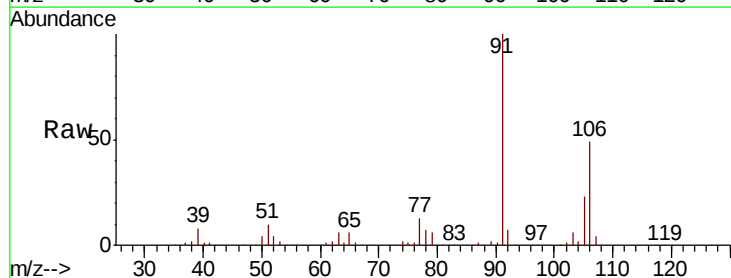
Acq: 05 Oct 2018 20:11

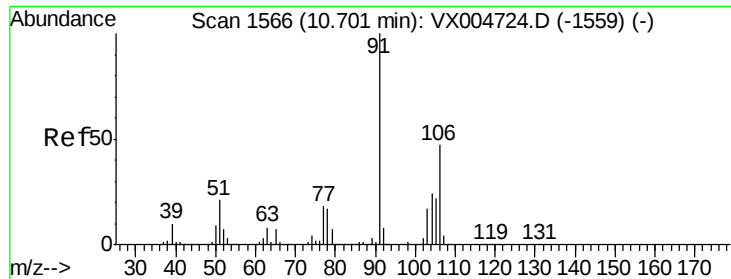
Tgt Ion: 106 Resp: 196760

Ion Ratio Lower Upper

106 100

91 204.8 157.5 236.3





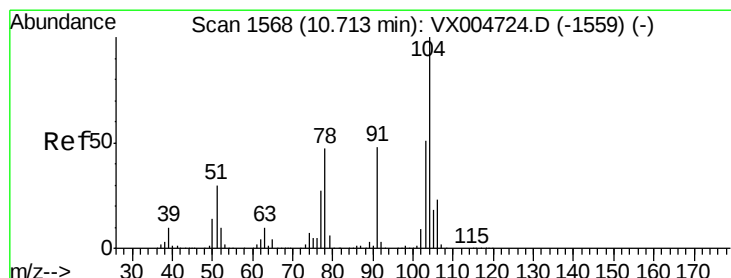
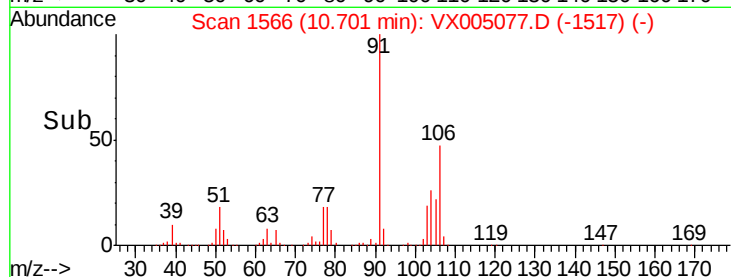
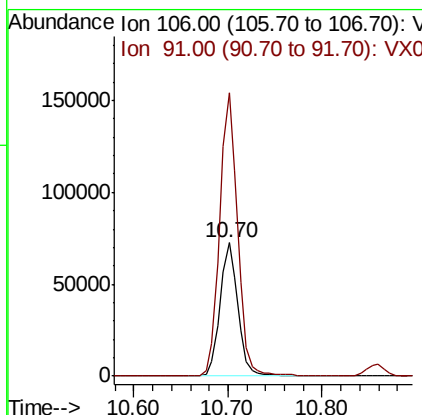
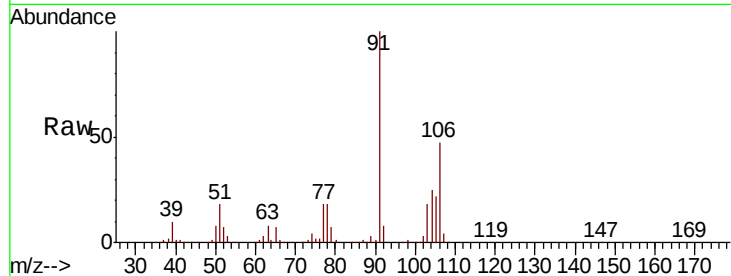
#69
o-Xylene
Concen: 20.817 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion:106 Resp: 95682
Ion Ratio Lower Upper
106 100
91 213.5 108.3 324.8

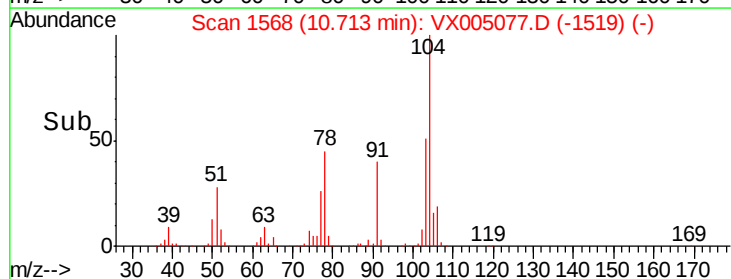
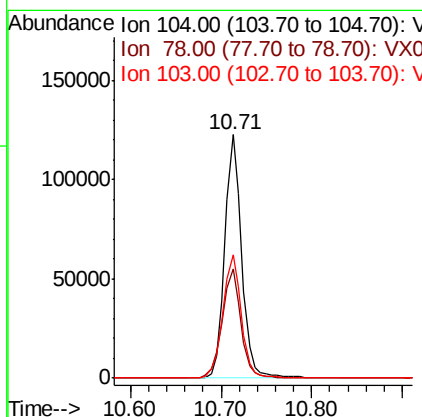
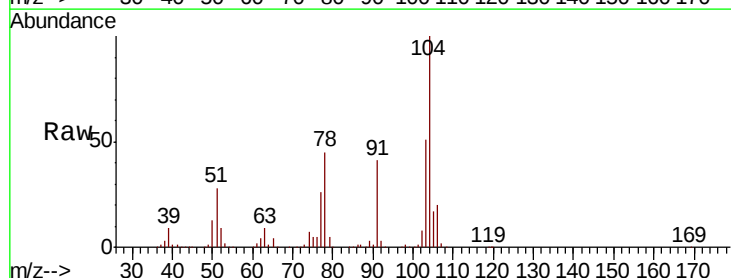
Manual Integrations
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#70
Styrene
Concen: 19.861 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion:104 Resp: 159148
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 55.6 44.3 66.5





#71

Bromoform

Concen: 18.423 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

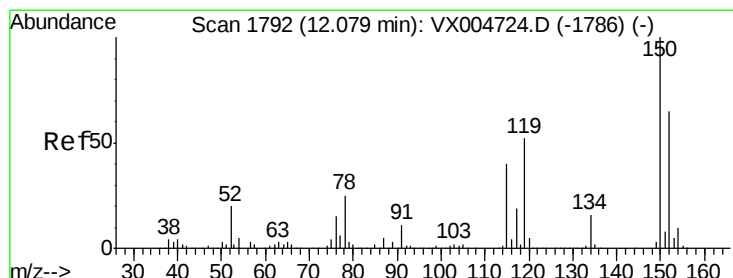
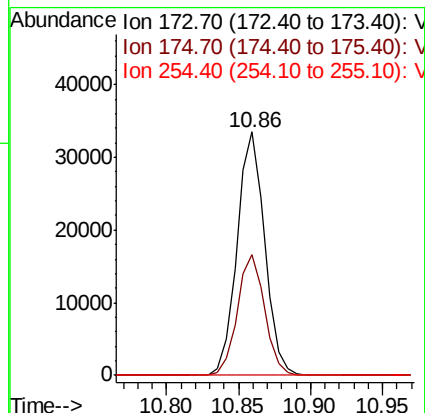
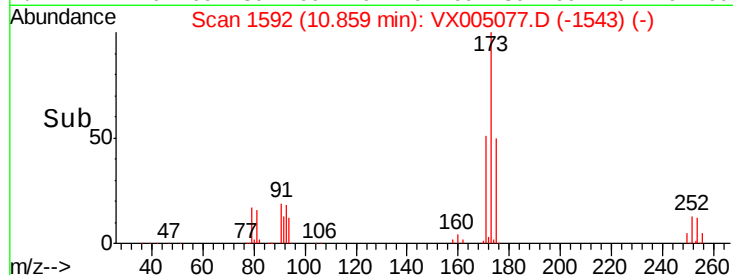
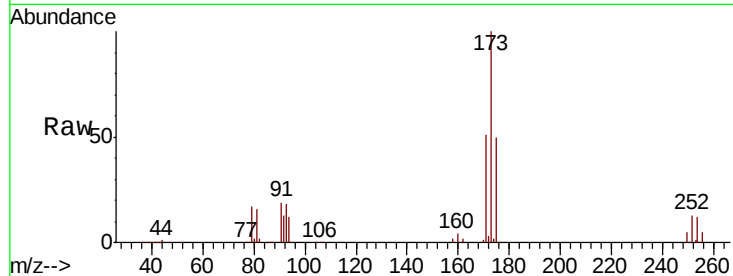
ClientSampleId :

VX1005MBS01

Tot Ion:	173	Resp:	44727
Ion Ratio	Lower	Upper	
173	100		
175	49.0	23.3	69.8
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

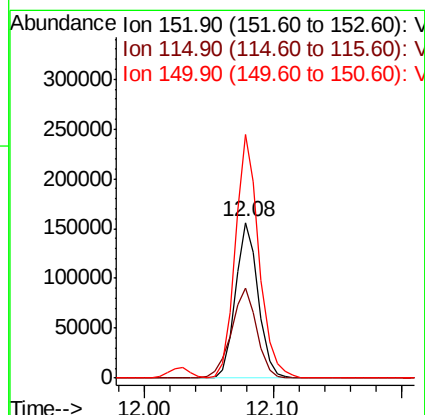
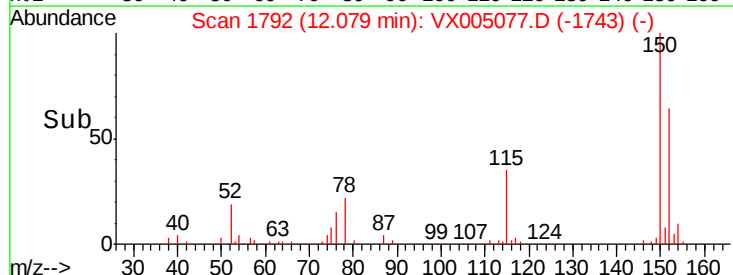
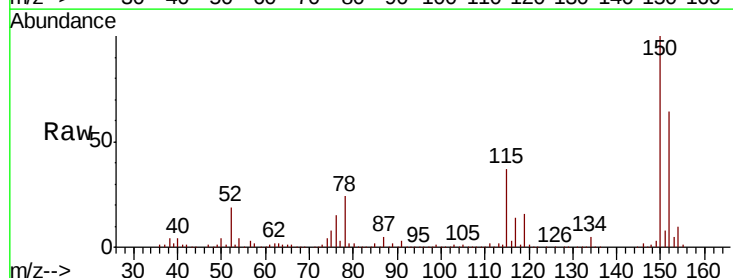
RT: 12.08 min Scan# 1792

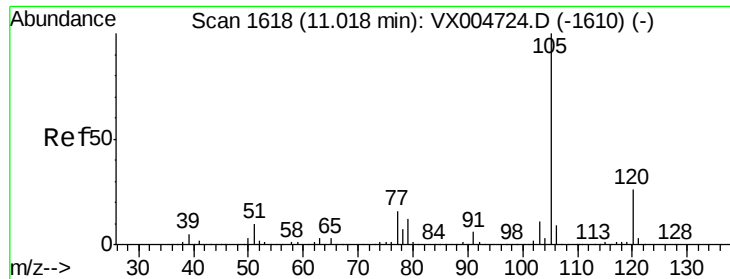
Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Tgt Ion:	152	Resp:	191619
Ion Ratio	Lower	Upper	
152	100		
115	65.2	40.2	120.6
150	162.5	0.0	351.0





#73

Isopropylbenzene

Concen: 21.577 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tot Ion: 105 Resp: 260604

Ion Ratio Lower Upper

105 100

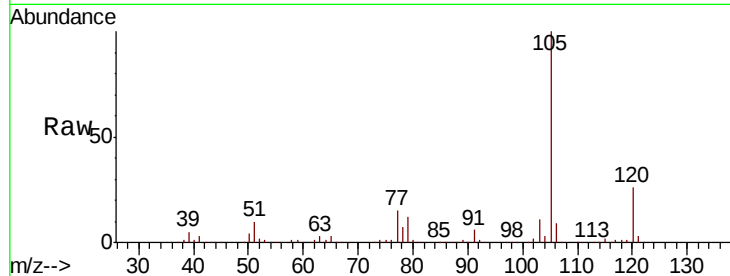
120 26.9 13.2 39.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

200000

150000

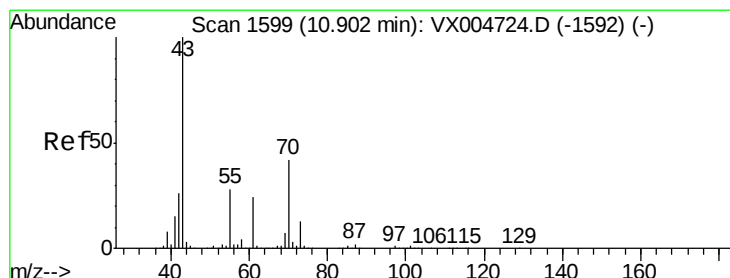
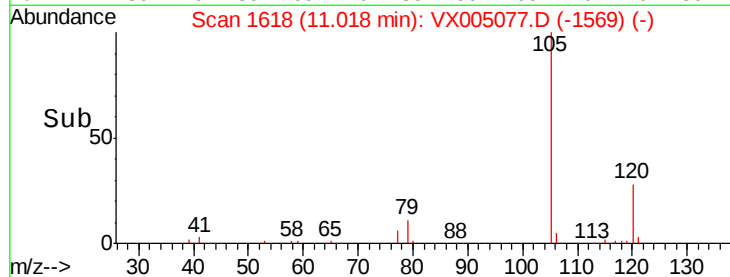
100000

50000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 19.546 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Tgt Ion: 43 Resp: 122436

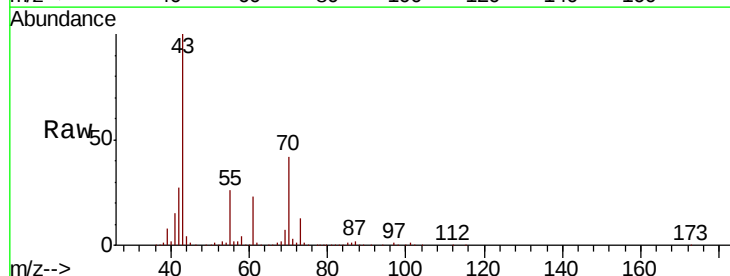
Ion Ratio Lower Upper

43 100

70 40.7 32.6 48.8

55 25.4 21.6 32.4

61 23.8 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

150000

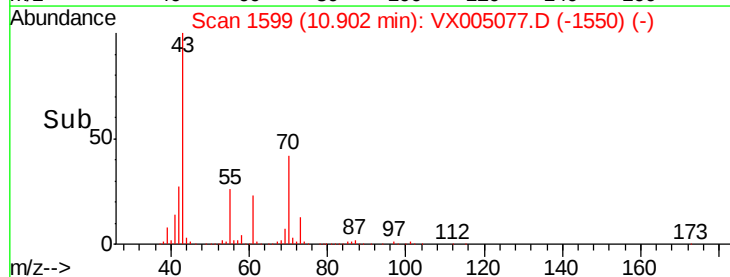
100000

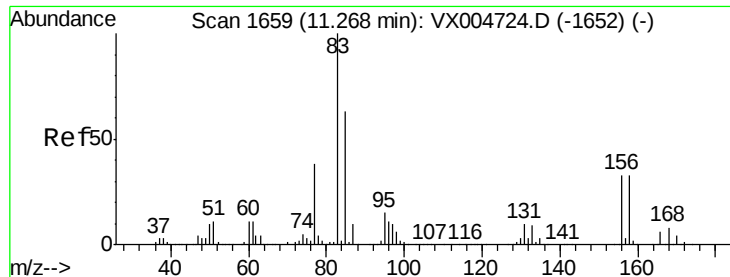
50000

0

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.979 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

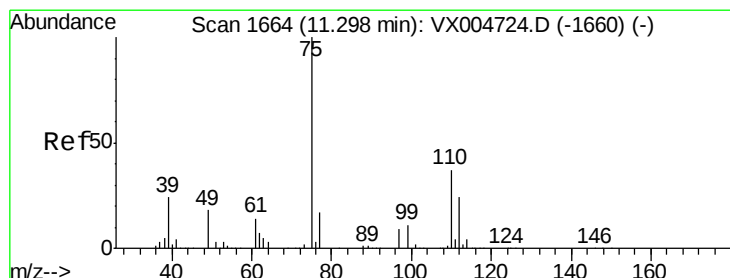
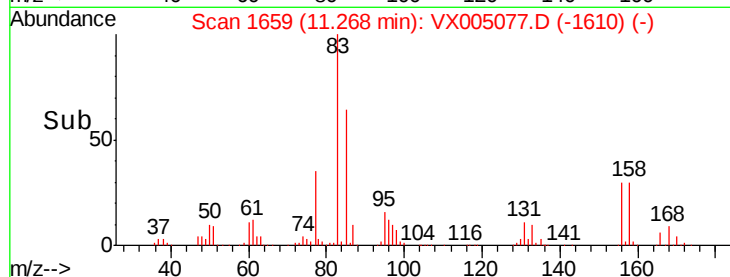
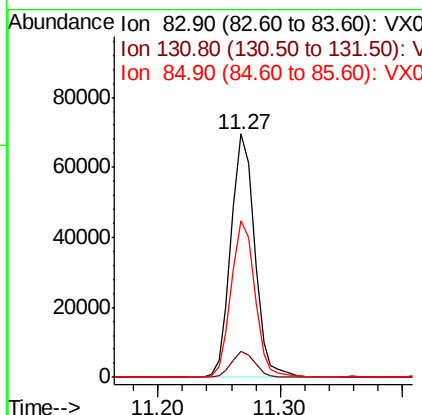
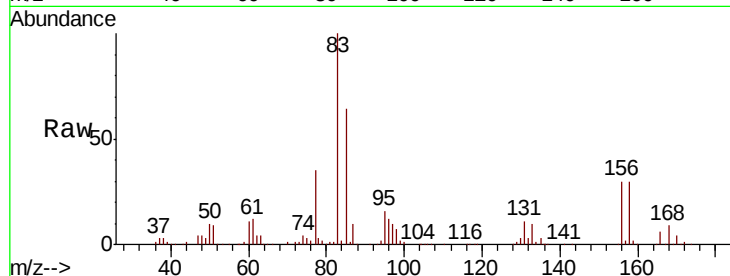
ClientSampleId :

VX1005MBS01

Tot Ion:	83	Resp:	93312
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	64.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.421 ug/l m

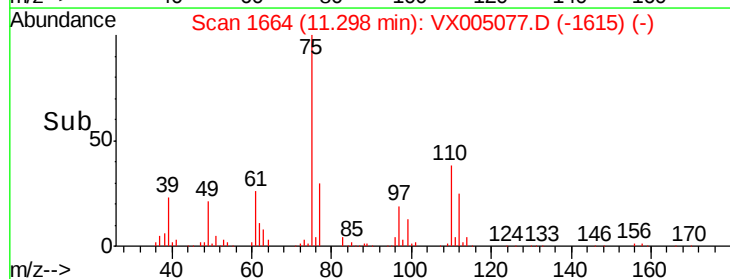
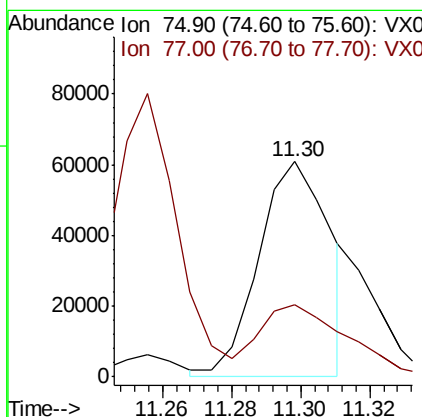
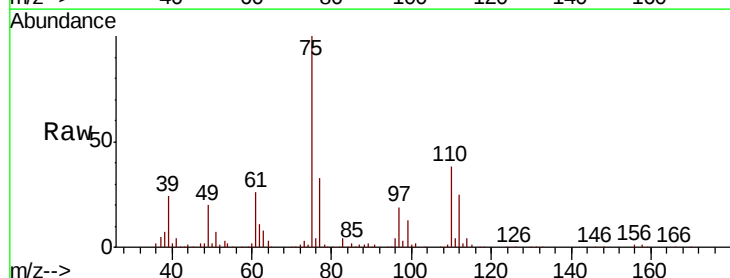
RT: 11.30 min Scan# 1664

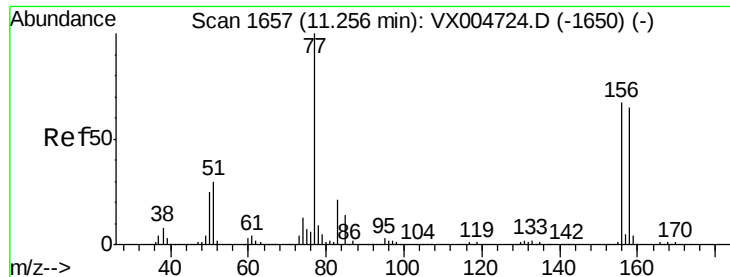
Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Tgt Ion:	75	Resp:	87707
Ion Ratio	Lower	Upper	
75	100		
77	41.2	21.4	64.3





#77

Bromobenzene

Concen: 19.948 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tot Ion:156 Resp: 69982

Ion Ratio Lower Upper

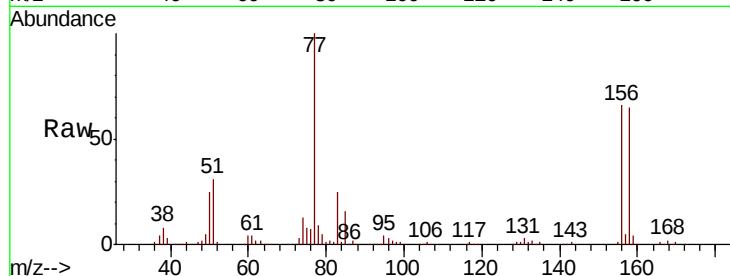
156 100

77 147.9 73.4 220.2

158 97.1 49.1 147.4

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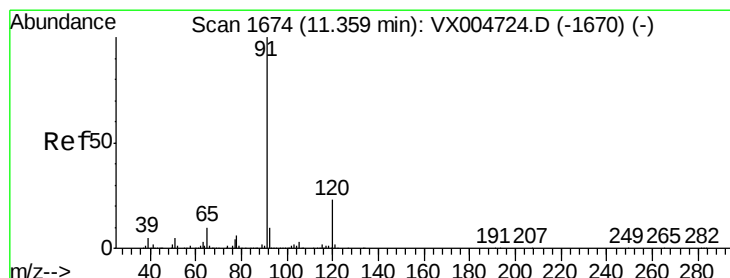
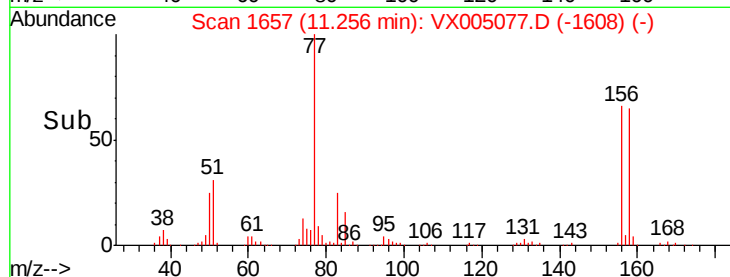
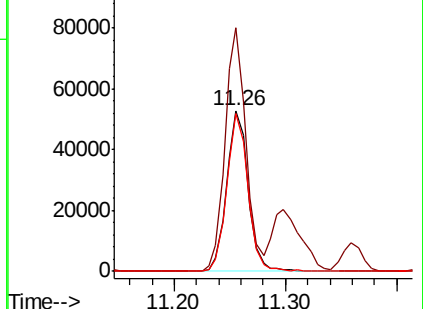
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.479 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005077.D

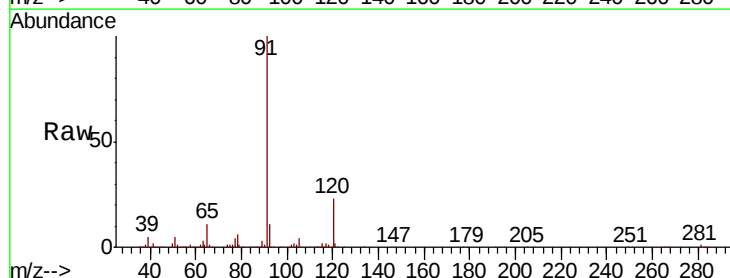
Acq: 05 Oct 2018 20:11

Tgt Ion: 91 Resp: 297661

Ion Ratio Lower Upper

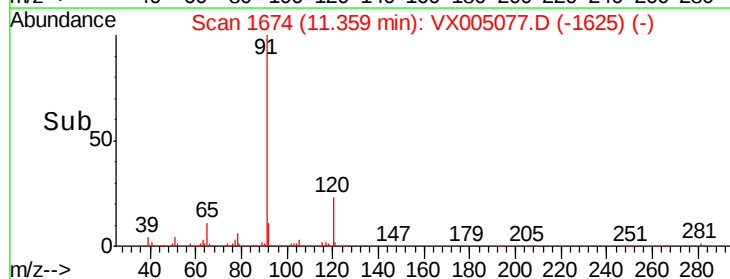
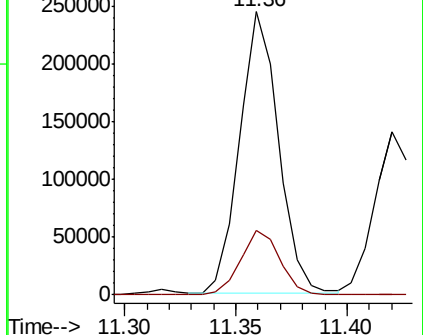
91 100

120 23.6 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: 20.643 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

VX1005MBS01

Tot Ion: 91 Resp: 178316

Ion Ratio Lower Upper

91 100

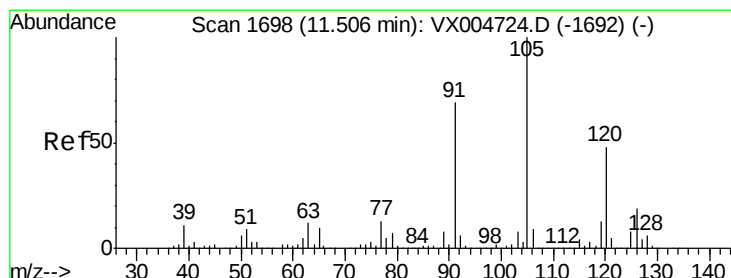
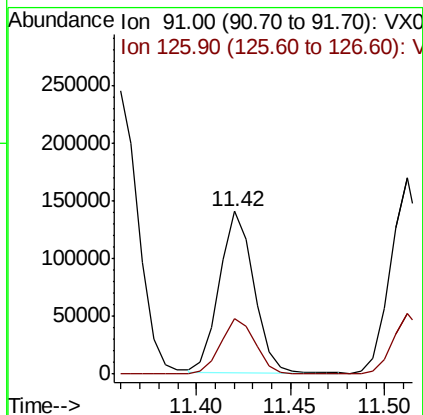
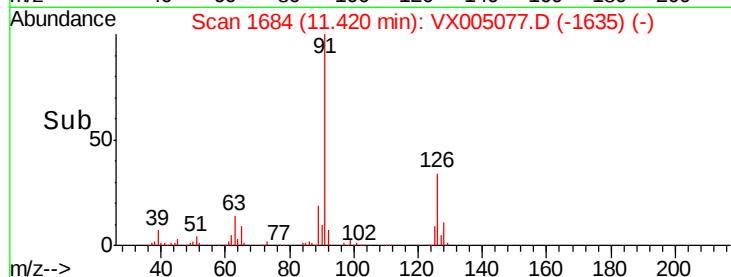
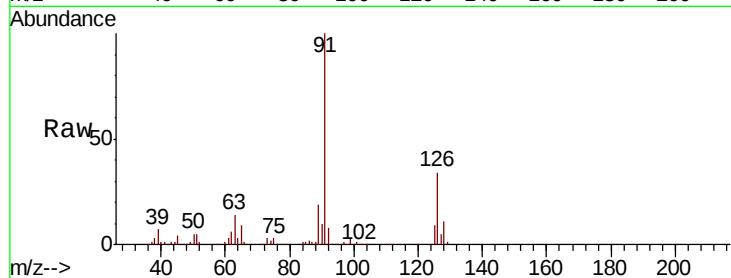
126 35.1 17.6 52.9

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#80

1,3,5-Trimethylbenzene

Concen: 19.673 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005077.D

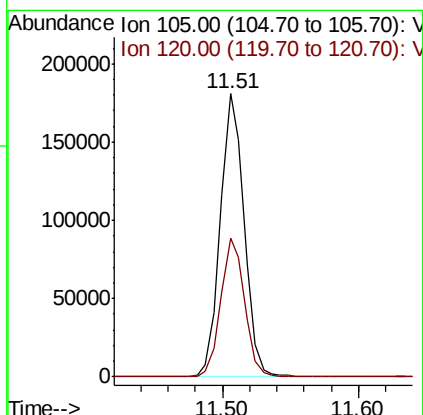
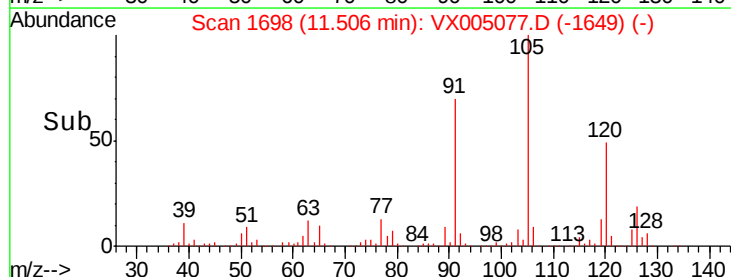
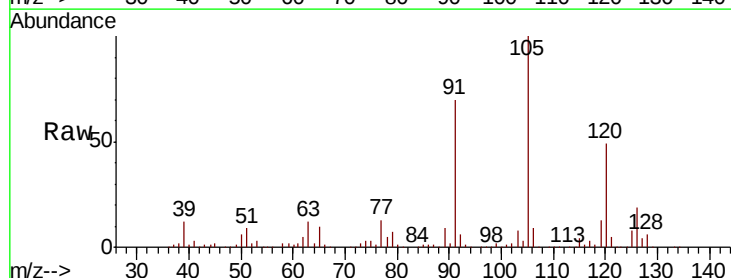
Acq: 05 Oct 2018 20:11

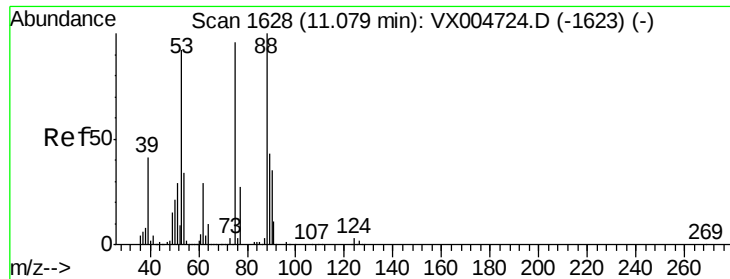
Tgt Ion: 105 Resp: 219109

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.082 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

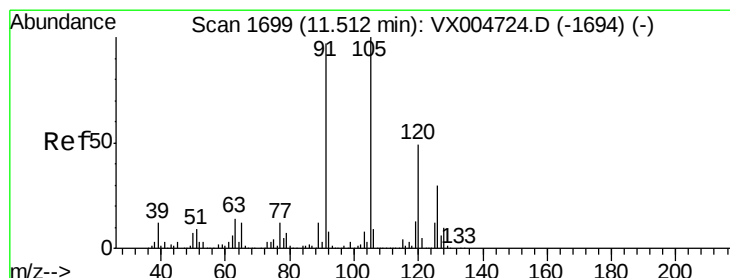
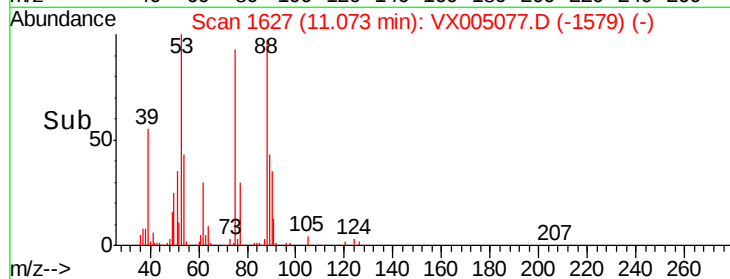
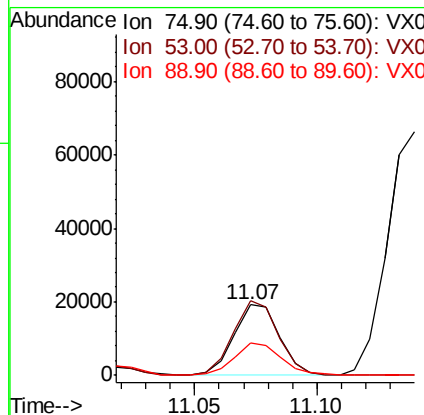
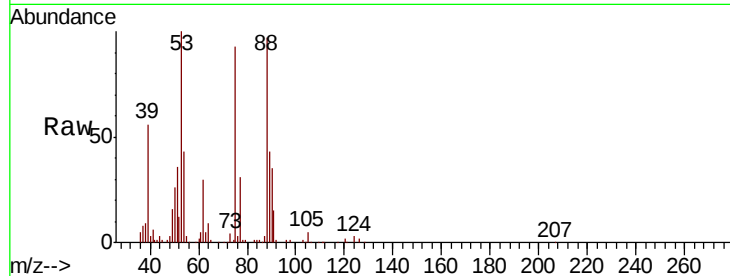
ClientSampleId :

VX1005MBS01

Tot Ion:	75	Resp:	24754
Ion	Ratio	Lower	Upper
75	100		
53	105.0	80.2	120.4
89	48.3	37.1	55.7

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#82

4-Chlorotoluene

Concen: 20.750 ug/l

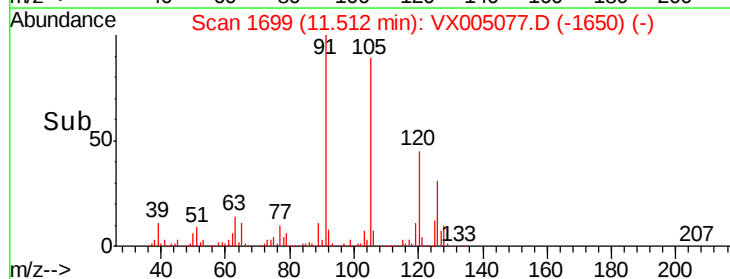
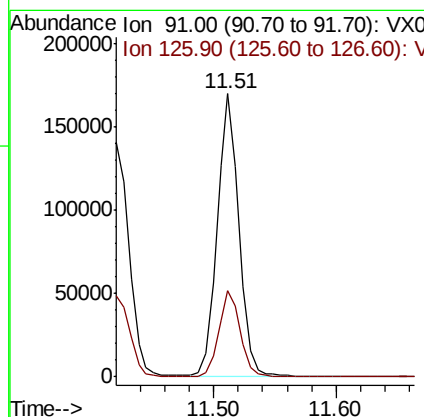
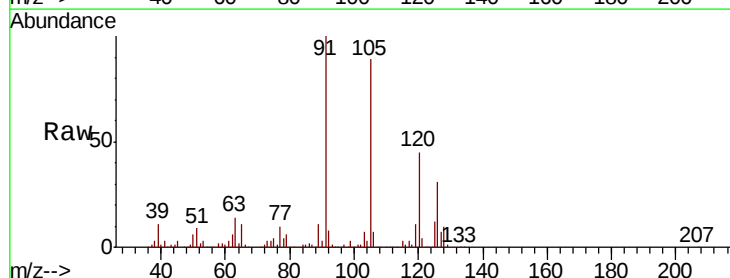
RT: 11.51 min Scan# 1699

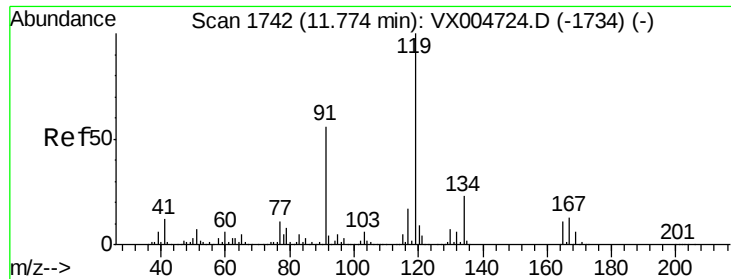
Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Tgt Ion:	91	Resp:	210970
Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.5	46.5





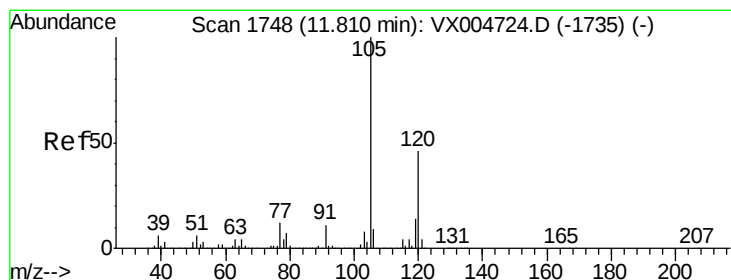
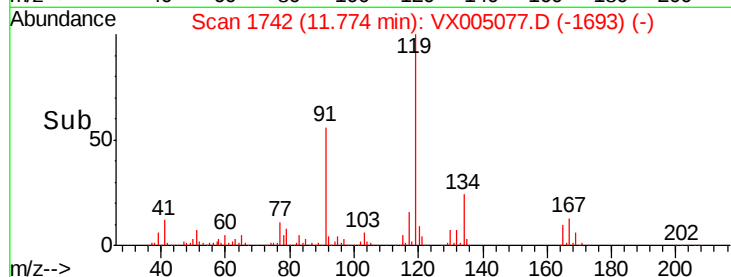
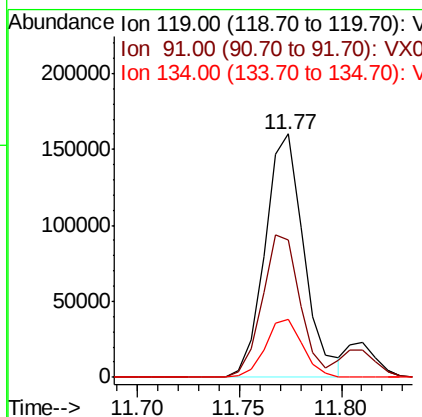
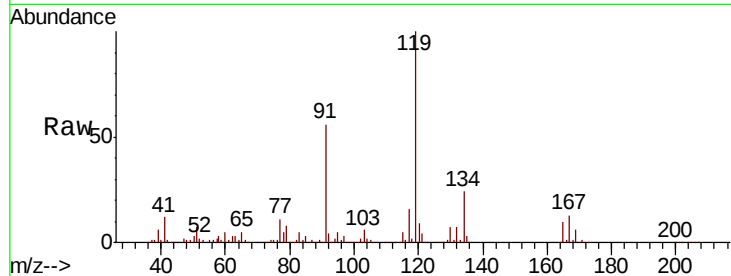
#83
 tert-Butylbenzene
 Concen: 21.397 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	212772		
91	57.2		27.5	82.5
134	23.2		11.5	34.4

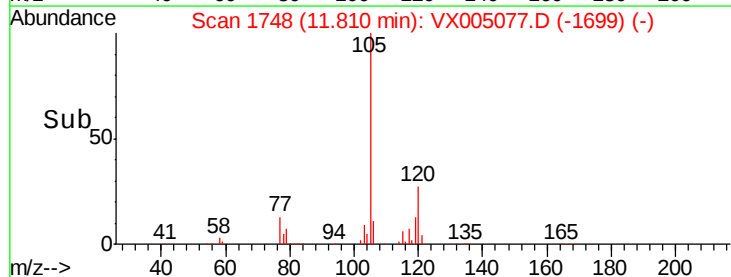
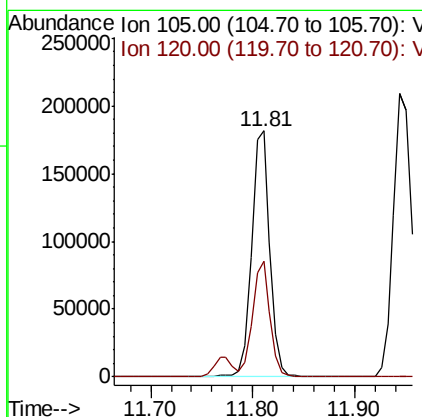
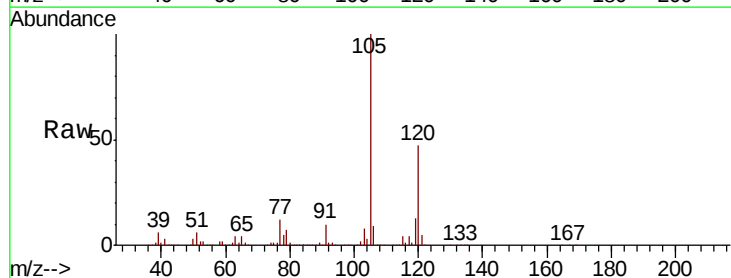
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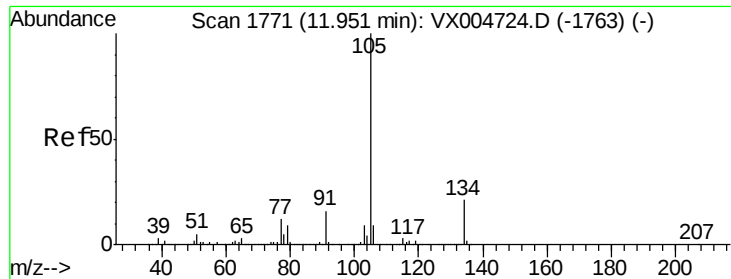
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.733 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	226643		
120	45.2		22.8	68.3





#85

sec-Butylbenzene

Concen: 21.842 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tot Ion:105 Resp: 264555

Ion Ratio Lower Upper

105 100

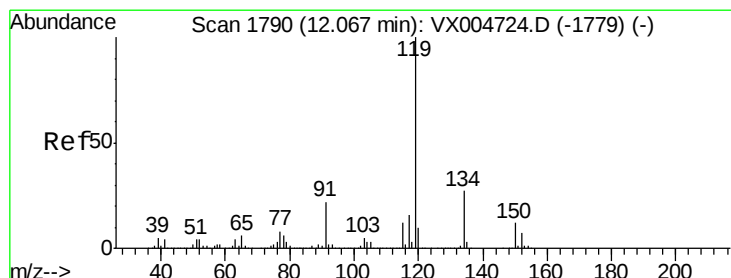
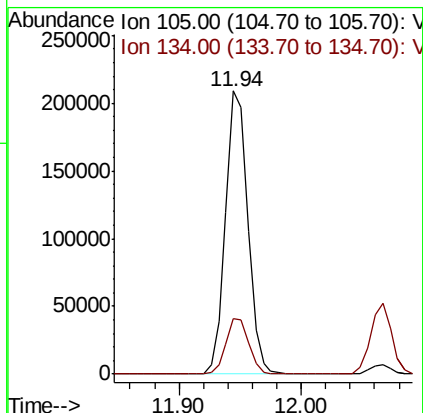
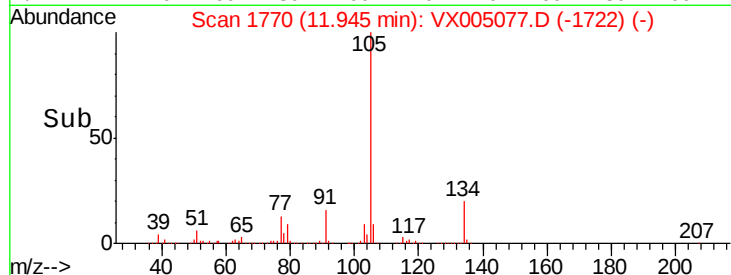
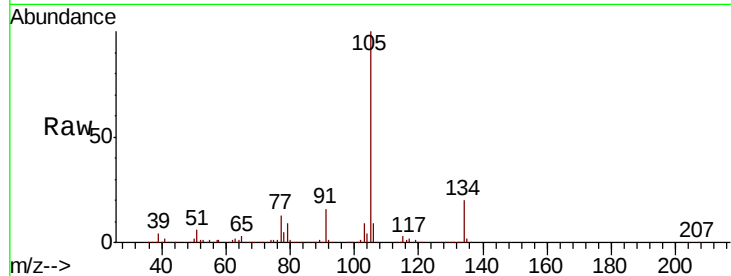
134 20.1 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 21.424 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

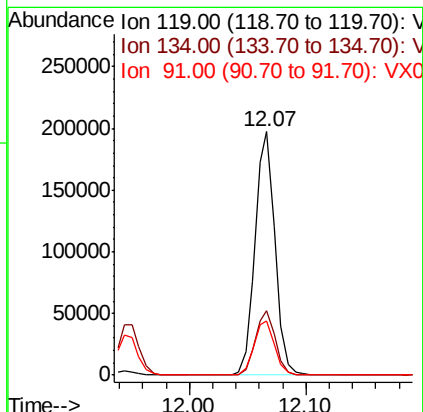
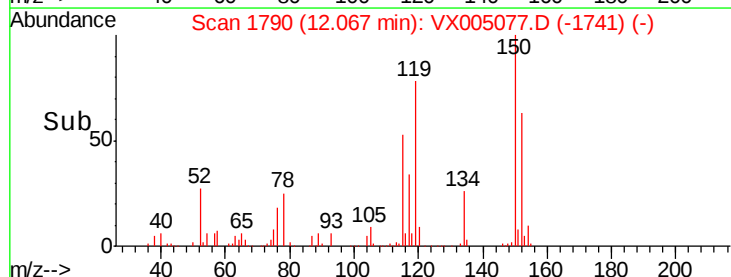
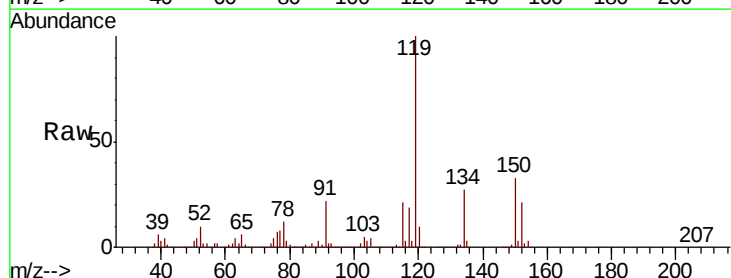
Tgt Ion:119 Resp: 235104

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.9 11.5 34.4





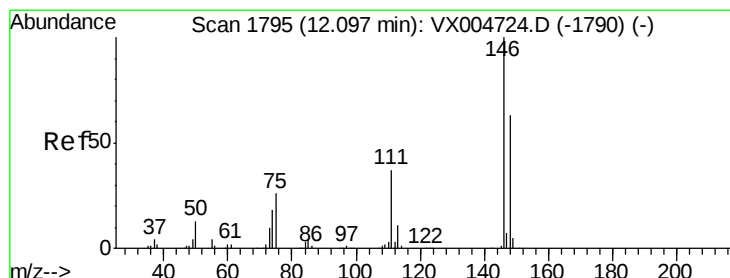
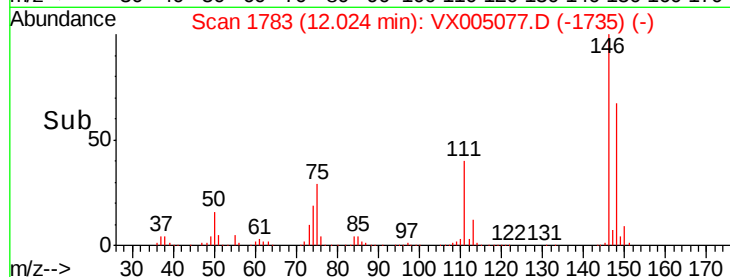
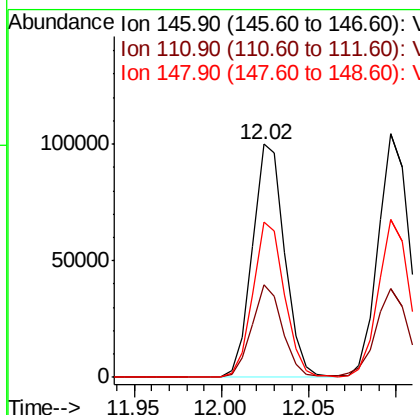
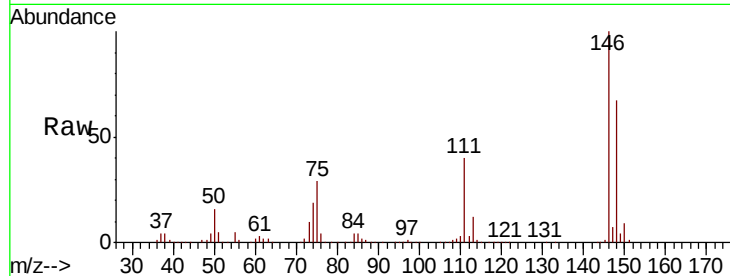
#87
 1,3-Dichlorobenzene
 Concen: 19.652 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	65.1	31.8	95.3

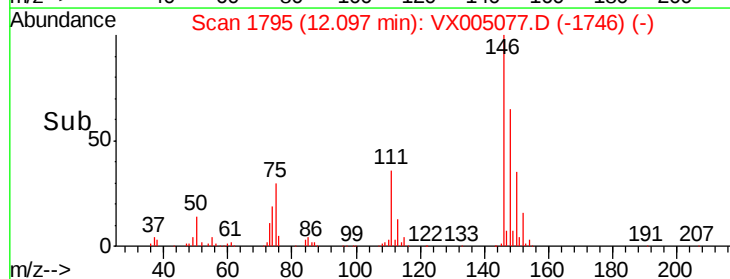
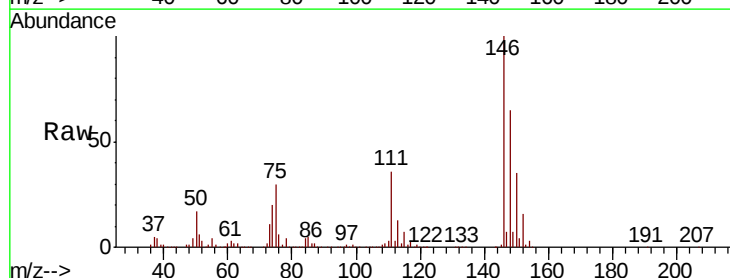
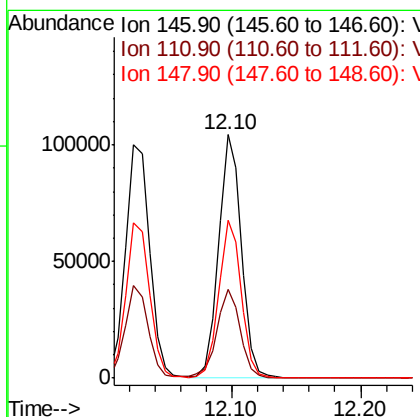
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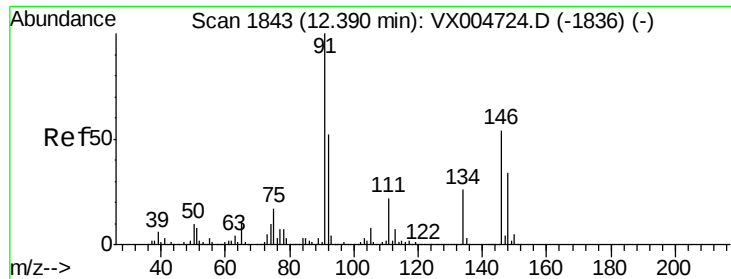
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#88
 1,4-Dichlorobenzene
 Concen: 19.200 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.4	55.2
148	64.4	32.0	96.0





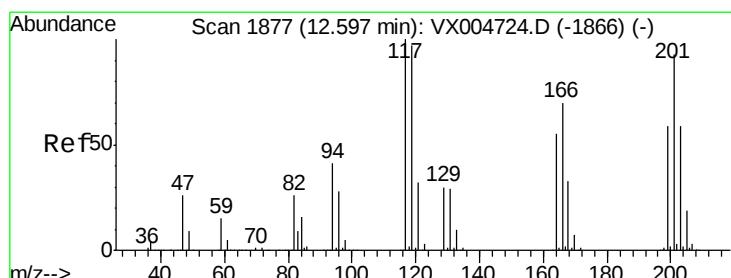
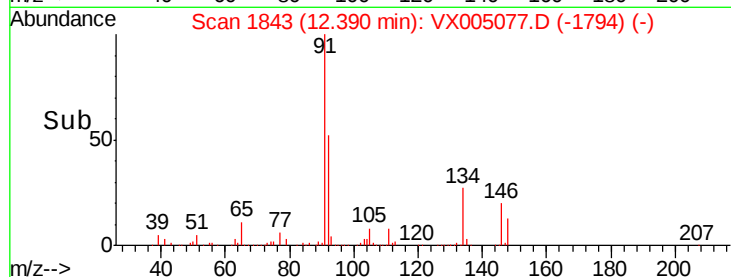
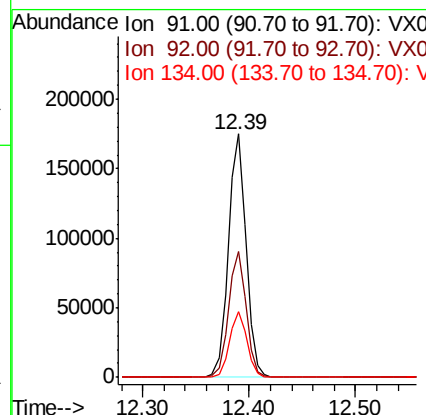
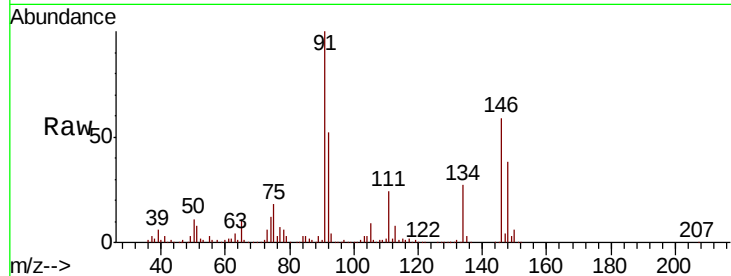
#89
n-Butylbenzene
Concen: 20.347 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		202784		
92	51.8	26.0		78.0	
134	26.7	13.2		39.6	

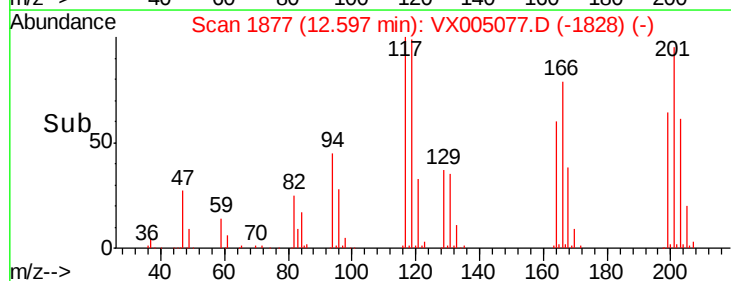
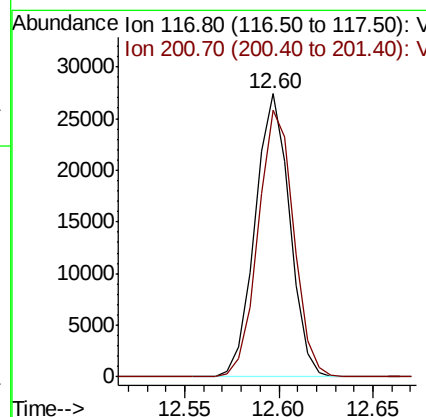
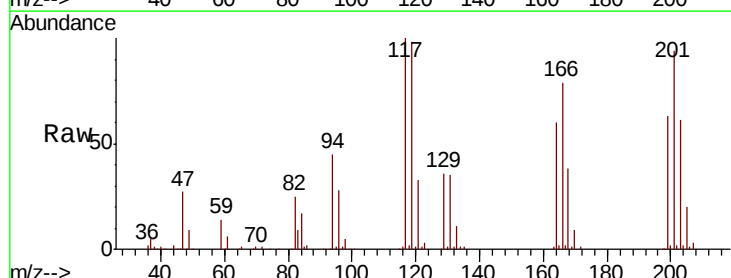
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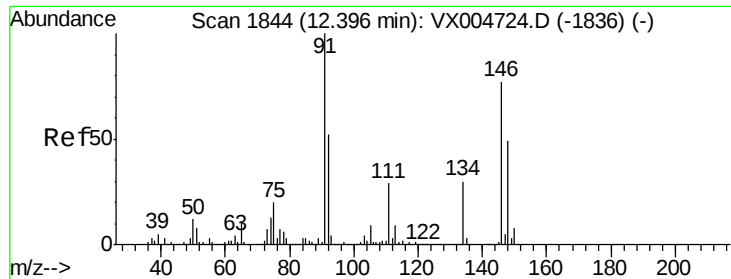
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#90
Hexachloroethane
Concen: 19.110 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		34916		
201	96.4	48.4		145.0	





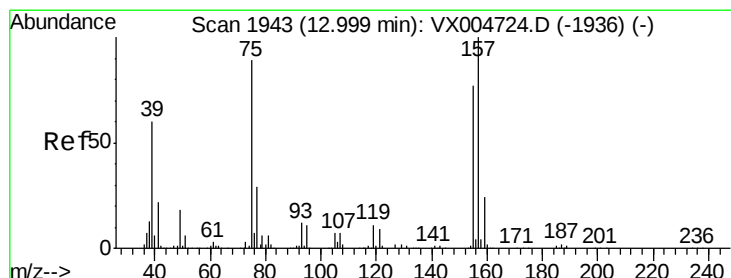
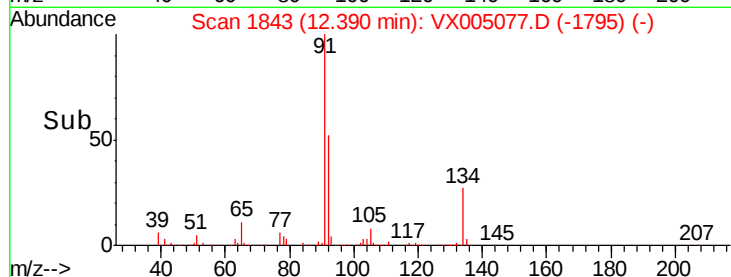
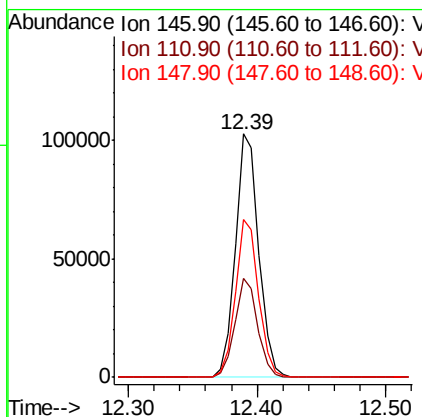
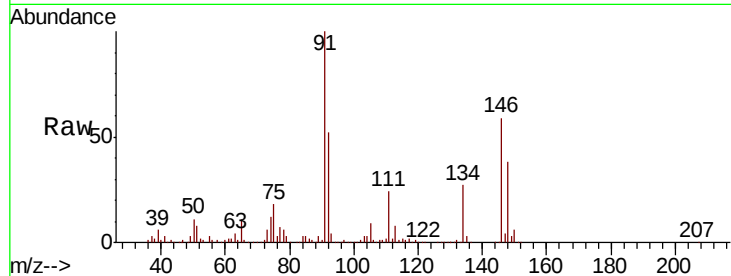
#91
 1,2-Dichlorobenzene
 Concen: 18.908 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	64.0	31.8	95.4

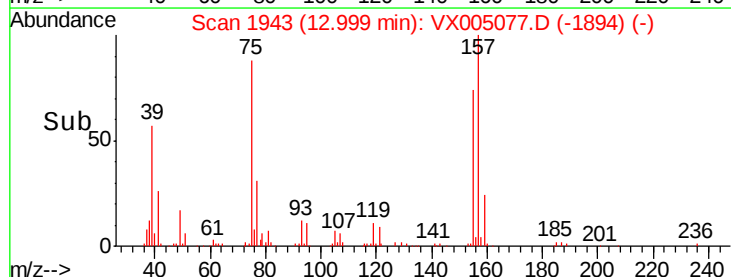
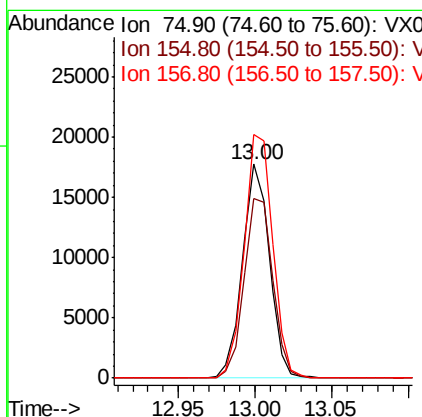
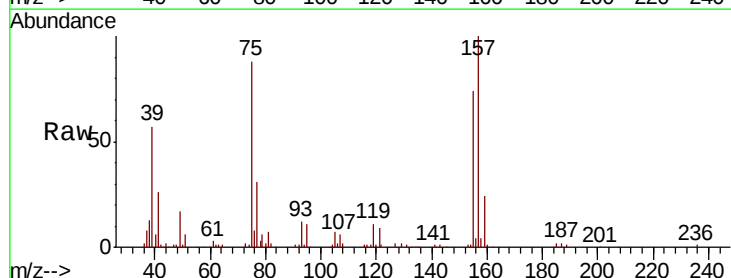
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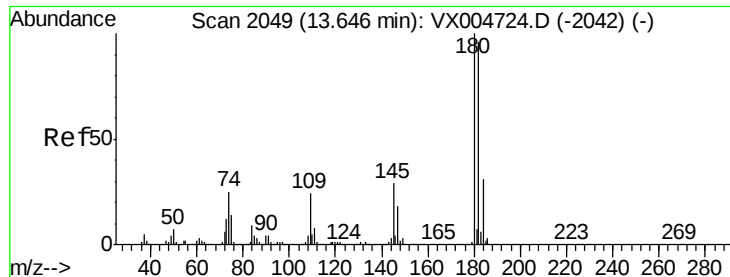
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.212 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.0	46.1	138.3
157	119.6	60.2	180.6





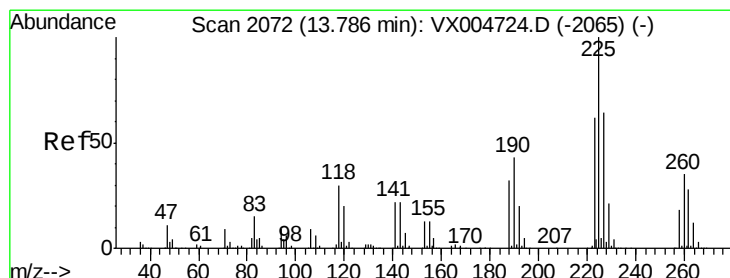
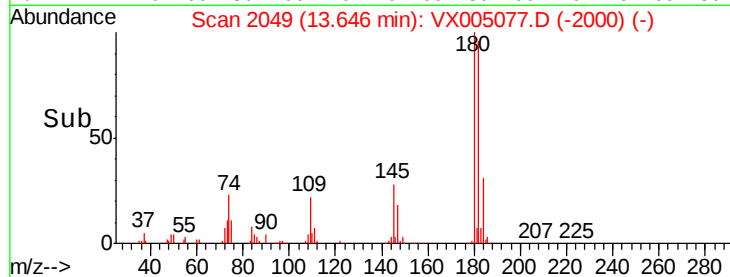
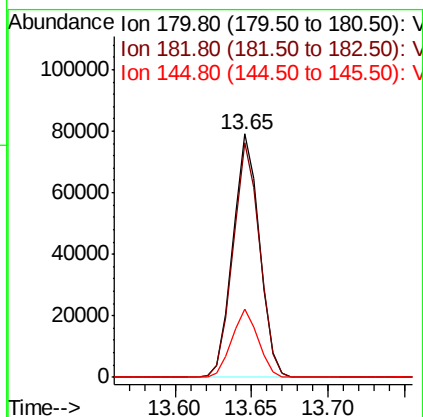
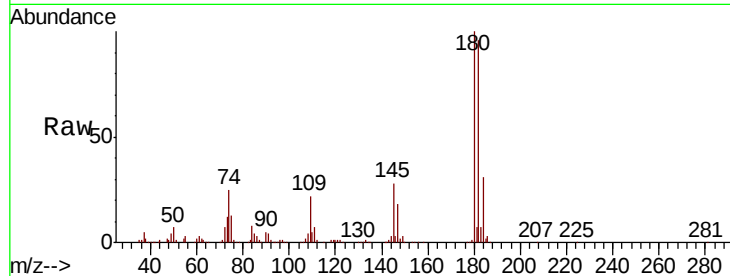
#93
 1,2,4-Trichlorobenzene
 Concen: 19.839 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.4
145	27.7	14.1	42.4

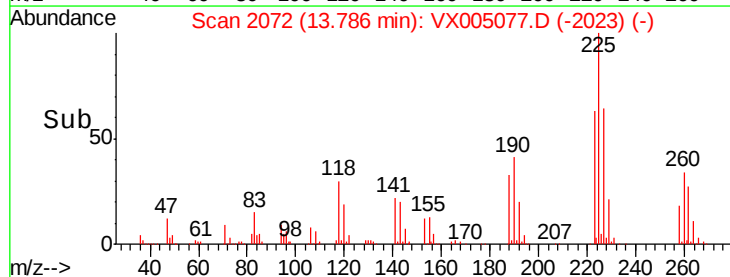
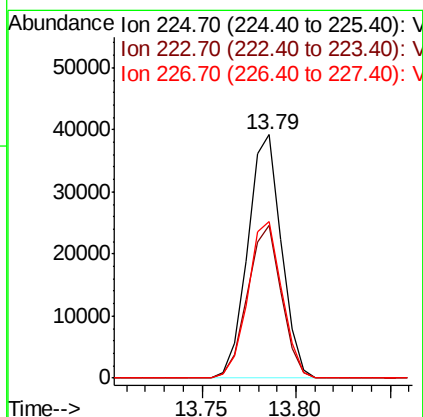
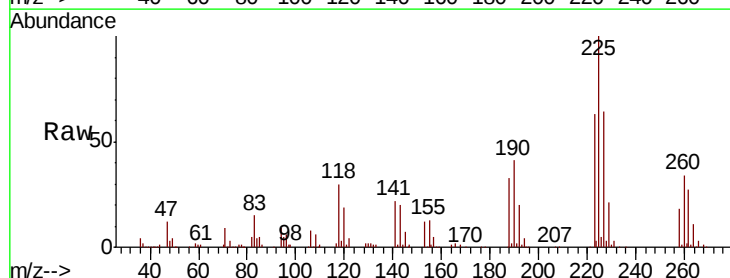
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#94
 Hexachlorobutadiene
 Concen: 19.520 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.3	93.8
227	64.9	31.9	95.5





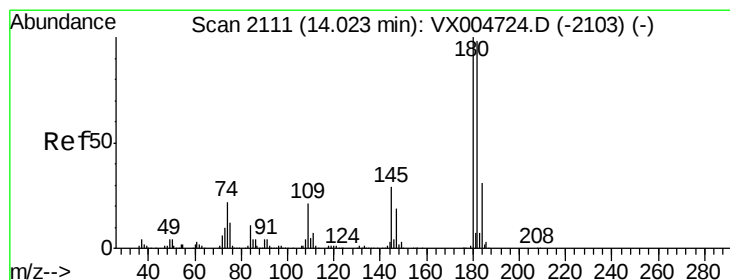
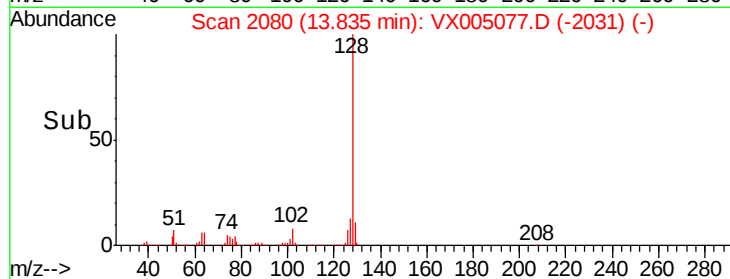
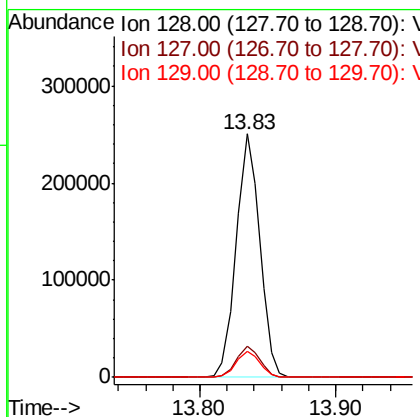
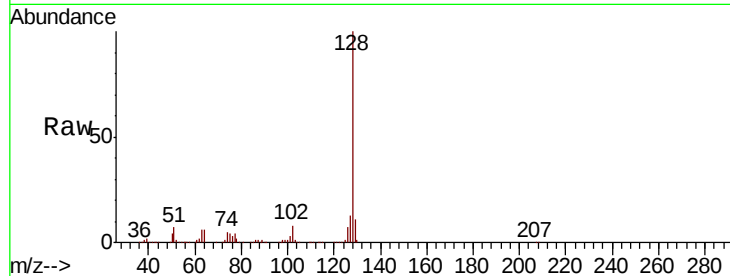
#95
Naphthalene
Concen: 19.408 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/8/2018 1:46:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.020 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.8
145	30.2	15.0	45.0

