

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006305.D
 Acq On : 05 Dec 2018 17:18
 Operator : JC/MD
 Sample : VX1205WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:42:06 AM

Quant Time: Dec 06 01:06:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	665237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1007415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	902312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	447740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	335626	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	5.50	113	324069	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	8.71	98	1155525	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.13	95	421385	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133585	20.509	ug/l	100
3) Chloromethane	1.33	50	122111	18.243	ug/l	99
4) Vinyl Chloride	1.41	62	137119	19.034	ug/l	98
5) Bromomethane	1.64	94	94679	18.964	ug/l	99
6) Chloroethane	1.72	64	84677	19.170	ug/l	99
7) Trichlorofluoromethane	1.93	101	213317	19.290	ug/l	96
8) Diethyl Ether	2.19	74	80110	19.141	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122707	19.514	ug/l	99
10) Methyl Iodide	2.51	142	144610	15.260	ug/l	99
11) Tert butyl alcohol	3.07	59	169391	91.208	ug/l	99
12) 1,1-Dichloroethene	2.38	96	114365	18.999	ug/l	91
13) Acrolein	2.29	56	97609	96.160	ug/l	99
14) Allyl chloride	2.73	41	211484	17.785	ug/l	98
15) Acrylonitrile	3.15	53	359960	92.881	ug/l	100
16) Acetone	2.45	43	303173	95.129	ug/l	100
17) Carbon Disulfide	2.57	76	318805	17.188	ug/l	99
18) Methyl Acetate	2.78	43	207208	19.442	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	415705	19.359	ug/l	99
20) Methylene Chloride	2.86	84	130380	19.223	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	119721	18.663	ug/l	97
22) Diisopropyl ether	3.87	45	368994	19.867	ug/l	97
23) Vinyl Acetate	3.82	43	1523444	96.170	ug/l	99
24) 1,1-Dichloroethane	3.70	63	207751	19.570	ug/l	99
25) 2-Butanone	4.70	43	443906	97.619	ug/l	100
26) 2,2-Dichloropropane	4.58	77	179237	18.295	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	142958	19.979	ug/l	98
28) Bromochloromethane	5.02	49	95267	20.545	ug/l	98
29) Tetrahydrofuran	5.15	42	298437	94.430	ug/l	98
30) Chloroform	5.21	83	226140	20.271	ug/l	100
31) Cyclohexane	5.57	56	186557	19.016	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	209671	19.753	ug/l	99
36) 1,1-Dichloropropene	5.80	75	161902	19.084	ug/l	100
37) Ethyl Acetate	4.85	43	177344	18.667	ug/l	98
38) Carbon Tetrachloride	5.79	117	189222	18.960	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205835	18.692	ug/l	96
40) Benzene	6.14	78	501001	19.718	ug/l	100
41) Methacrylonitrile	5.06	41	96521	18.464	ug/l	99
42) 1,2-Dichloroethane	6.20	62	168551	20.269	ug/l	100
43) Isopropyl Acetate	6.46	43	288864	18.236	ug/l	99
44) Trichloroethene	7.21	130	148503	19.293	ug/l	99
45) 1,2-Dichloropropane	7.52	63	125390	19.417	ug/l	98
46) Dibromomethane	7.66	93	92272	19.784	ug/l	97
47) Bromodichloromethane	7.90	83	172455	19.094	ug/l	99
48) Methyl methacrylate	7.77	41	141347	18.343	ug/l	98
49) 1,4-Dioxane	7.75	88	70835	372.966	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	866740	93.995	ug/l	99
52) Toluene	8.79	92	321923	19.258	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	187452	17.747	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	200281	18.260	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	134483	19.803	ug/l	99
56) Ethyl methacrylate	9.18	69	204911	19.301	ug/l	98
57) 1,3-Dichloropropane	9.37	76	211431	19.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	519314	96.393	ug/l	100
59) 2-Hexanone	9.49	43	650375	92.318	ug/l	99
60) Dibromochloromethane	9.59	129	156689	18.711	ug/l	98
61) 1,2-Dibromoethane	9.67	107	145608	19.175	ug/l	99
64) Tetrachloroethene	9.34	164	135001	19.867	ug/l	98
65) Chlorobenzene	10.14	112	373728	19.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	142008	19.082	ug/l	99
67) Ethyl Benzene	10.25	91	616312	19.346	ug/l	100
68) m/p-Xylenes	10.36	106	489541	38.362	ug/l	99
69) o-Xylene	10.70	106	244096	19.365	ug/l	100
70) Styrene	10.71	104	385883	18.928	ug/l	98
71) Bromoform	10.86	173	117342	16.703	ug/l	99
73) Isopropylbenzene	11.02	105	642014	20.763	ug/l	99
74) N-amyl acetate	10.90	43	255222	19.168	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	199143	20.132	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	189555m	21.934	ug/l	
77) Bromobenzene	11.26	156	171393	19.974	ug/l	98
78) n-propylbenzene	11.36	91	703331	20.463	ug/l	100
79) 2-Chlorotoluene	11.42	91	415861	20.357	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	528130	20.529	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62937	17.090	ug/l	92
82) 4-Chlorotoluene	11.51	91	474117	19.961	ug/l	100
83) tert-Butylbenzene	11.77	119	562014	20.475	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	542089	20.406	ug/l	100
85) sec-Butylbenzene	11.94	105	638024	20.432	ug/l	99
86) p-Isopropyltoluene	12.06	119	572211	20.349	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	300634	19.690	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	297142	19.174	ug/l	98
89) n-Butylbenzene	12.39	91	475945	19.837	ug/l	100
90) Hexachloroethane	12.60	117	106592	18.599	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	299100	19.738	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43989	17.348	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	212610	19.231	ug/l	99
94) Hexachlorobutadiene	13.78	225	89806	18.368	ug/l	100
95) Naphthalene	13.83	128	691217	20.100	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	214049	19.548	ug/l	99

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

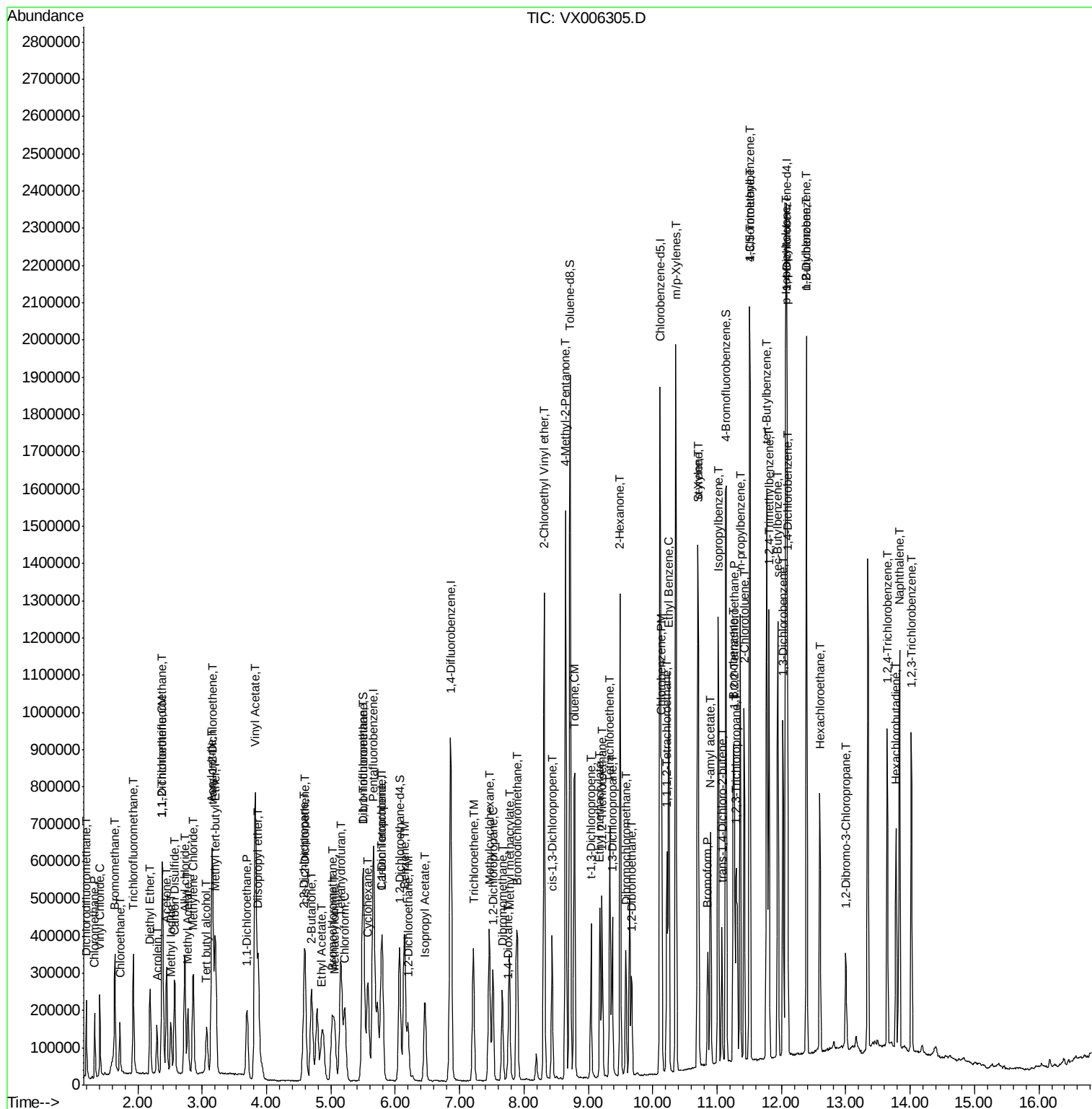
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Data File : VX006305.D
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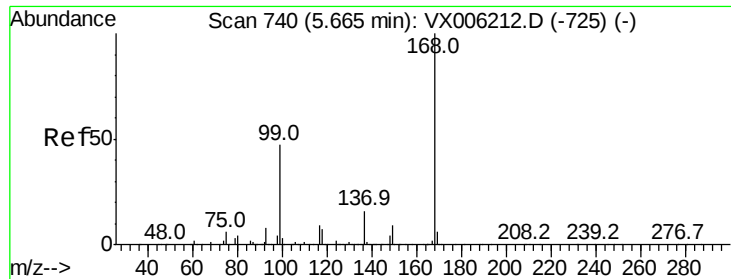
Instrument :
MSVOA_X
Client Sampled :
VX1205WBSD01

Manual Integrations
APPROVED

MMDadoda
12/7/2018 10:42:06 AM

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion:168 Resp: 665237

Ion Ratio Lower Upper

168 100

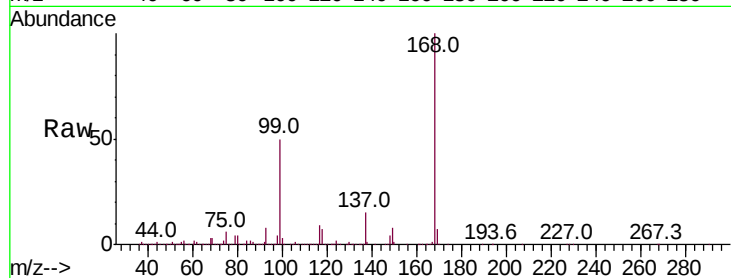
99 49.5 37.8 56.8

Manual Integrations

APPROVED

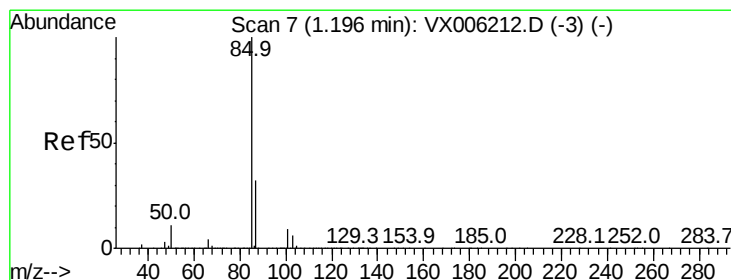
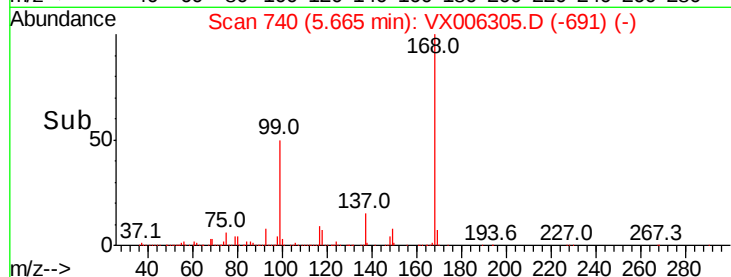
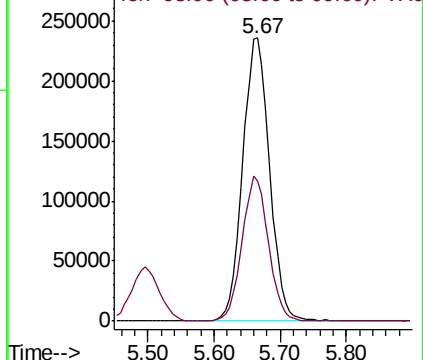
MMDadoda

12/7/2018 10:42:06 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.509 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006305.D

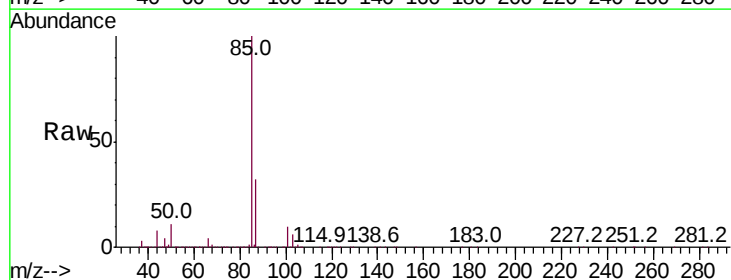
Acq: 05 Dec 2018 17:18

Tgt Ion: 85 Resp: 133585

Ion Ratio Lower Upper

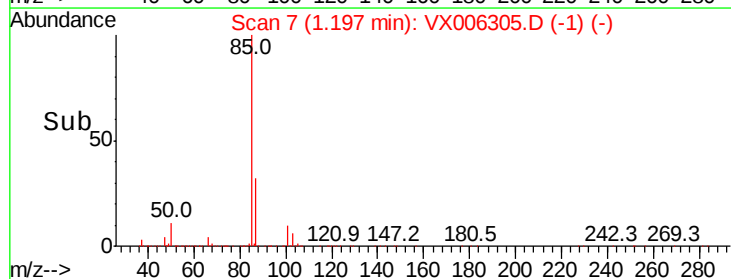
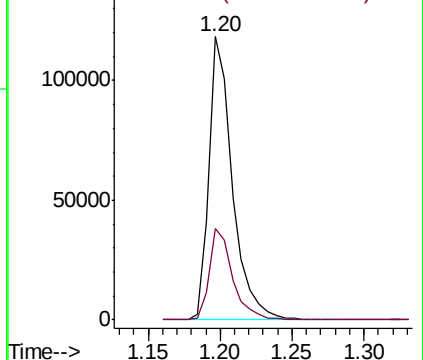
85 100

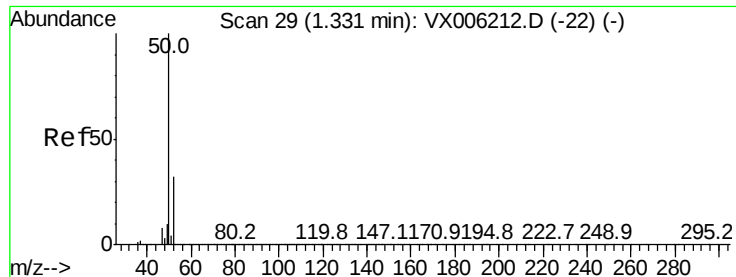
87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.243 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 50 Resp: 122111

Ion Ratio Lower Upper

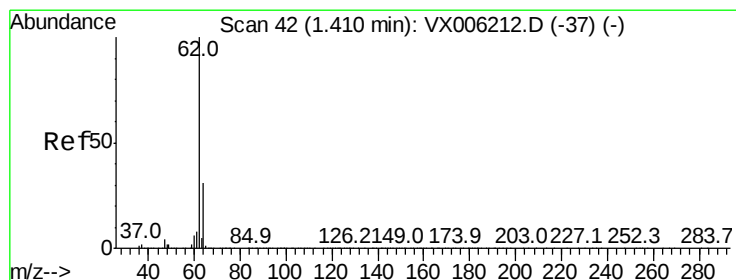
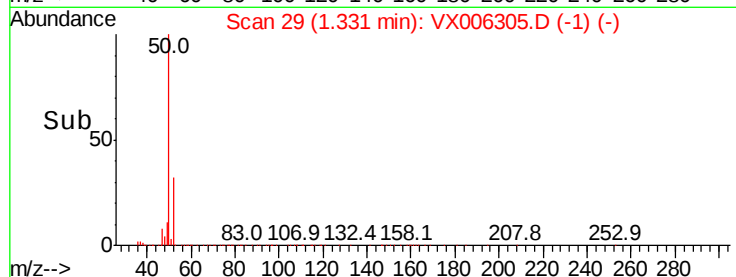
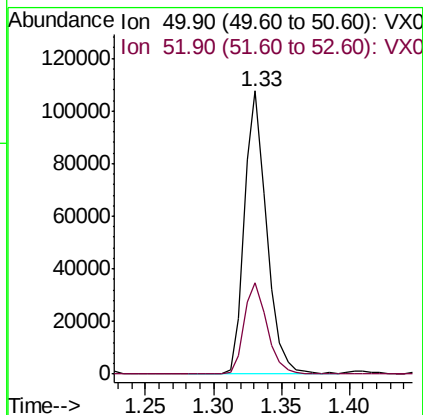
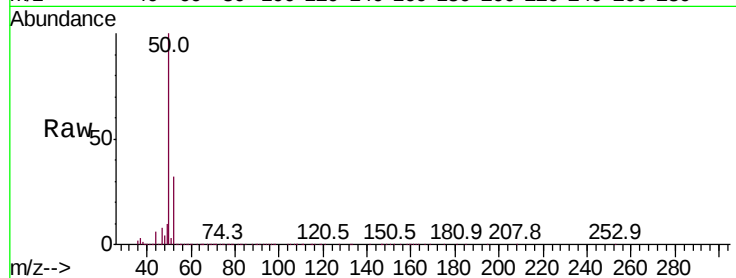
50 100

52 32.2 25.2 37.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.034 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006305.D

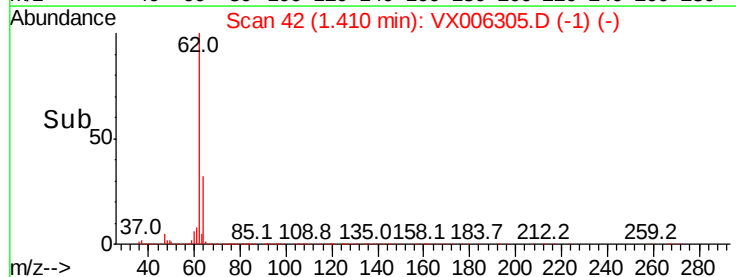
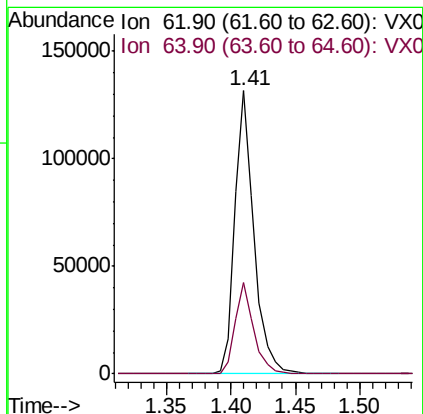
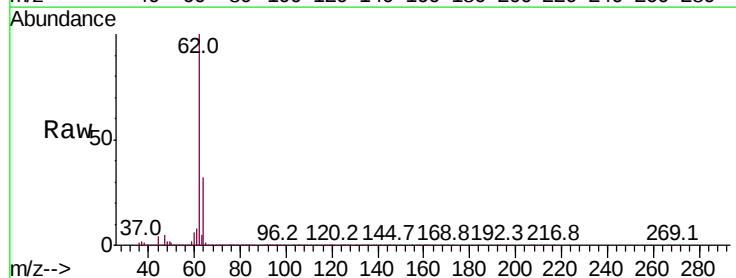
Acq: 05 Dec 2018 17:18

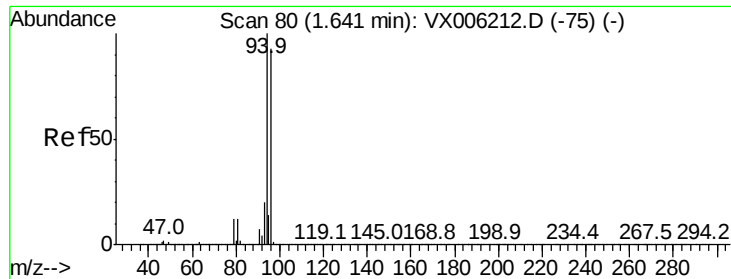
Tgt Ion: 62 Resp: 137119

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3





#5

Bromomethane

Concen: 18.964 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 94 Resp: 94679

Ion Ratio Lower Upper

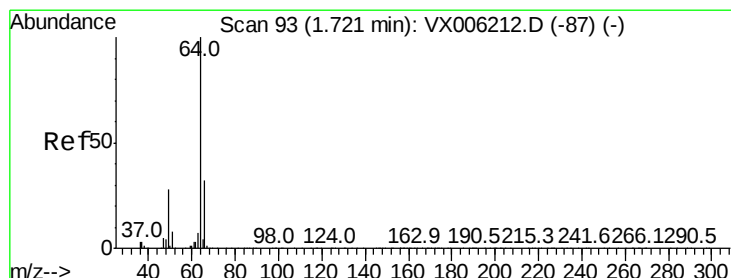
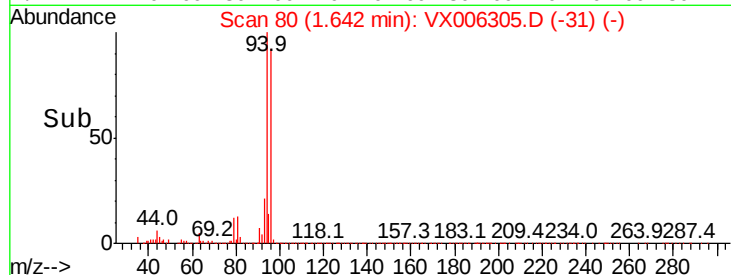
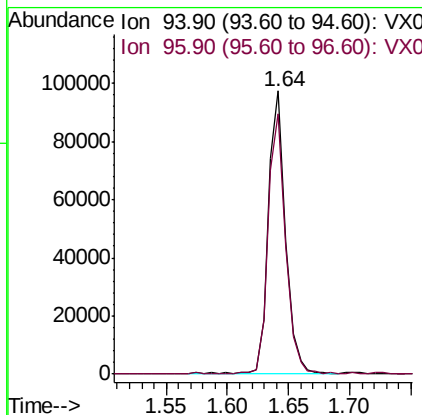
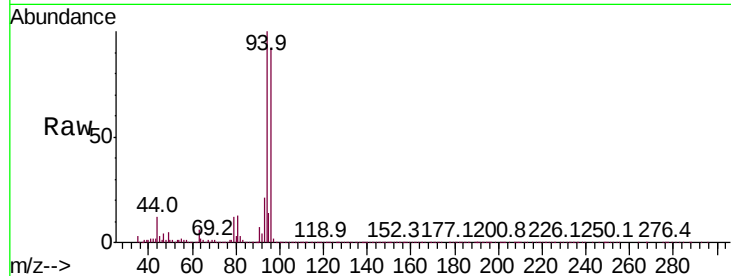
94 100

96 91.7 74.5 111.7

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#6

Chloroethane

Concen: 19.170 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006305.D

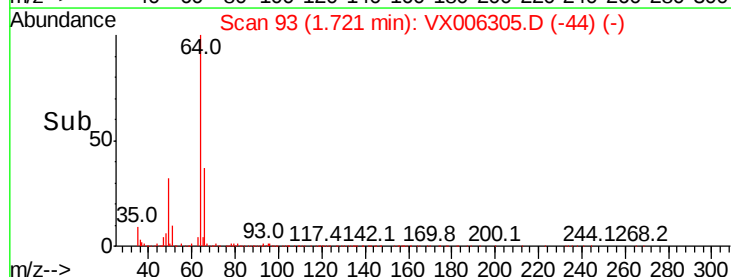
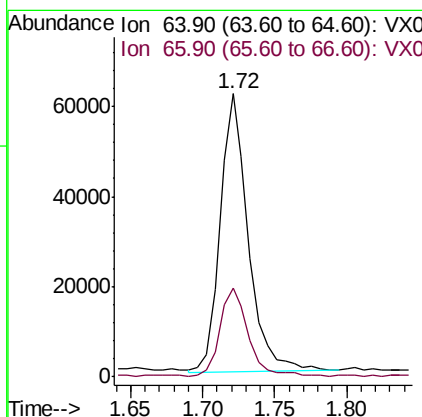
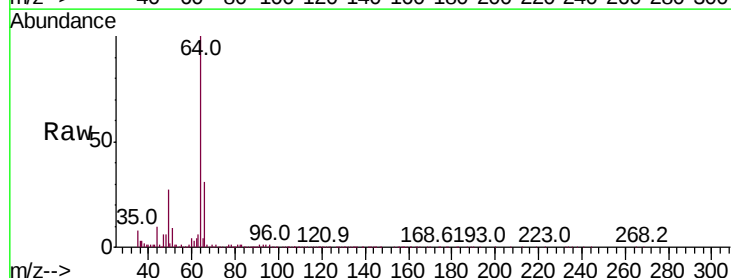
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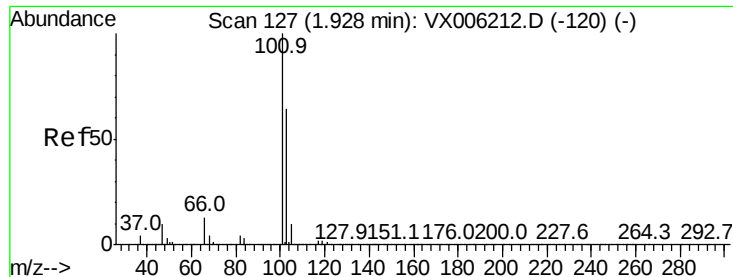
Tgt Ion: 64 Resp: 84677

Ion Ratio Lower Upper

64 100

66 31.6 25.9 38.9





#7

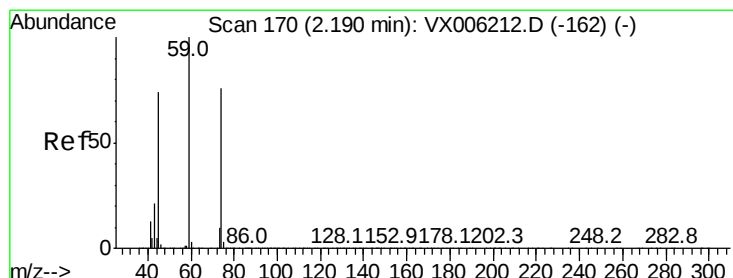
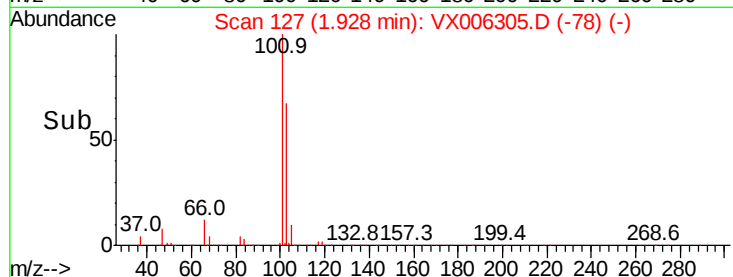
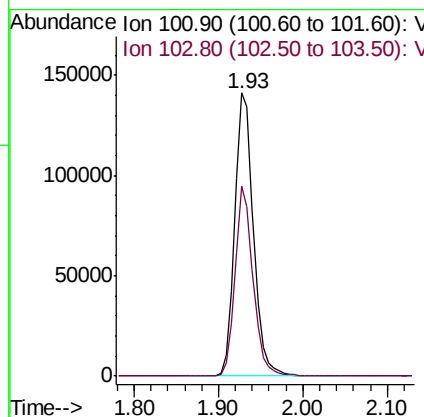
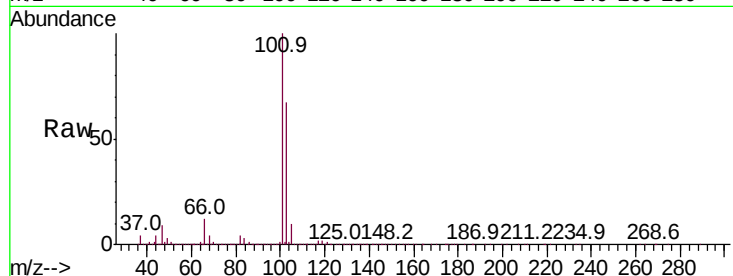
Trichlorofluoromethane
Concen: 19.290 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	213317		
103	66.9	51.0	76.4	

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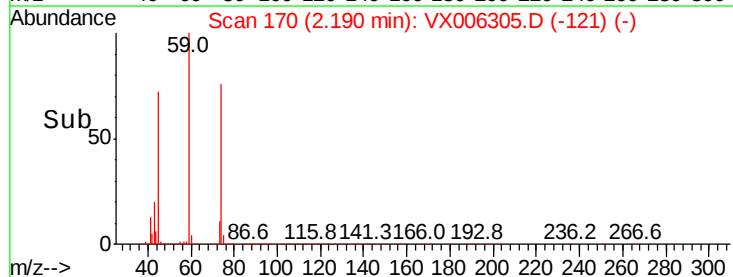
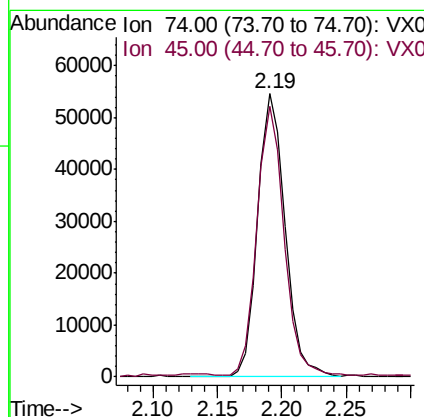
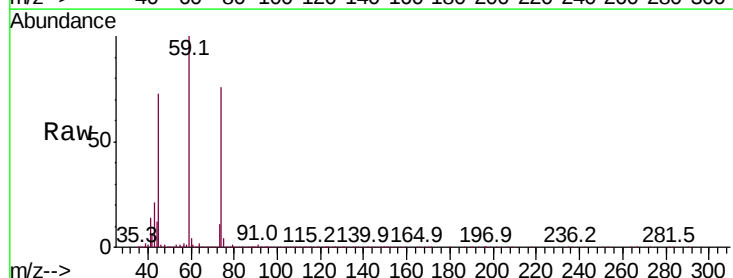
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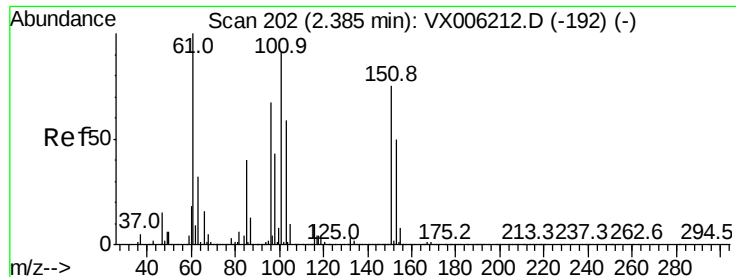


#8

Diethyl Ether
Concen: 19.141 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	80110		
45	93.5	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.514 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

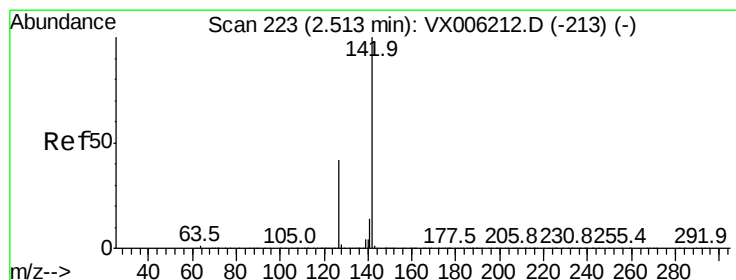
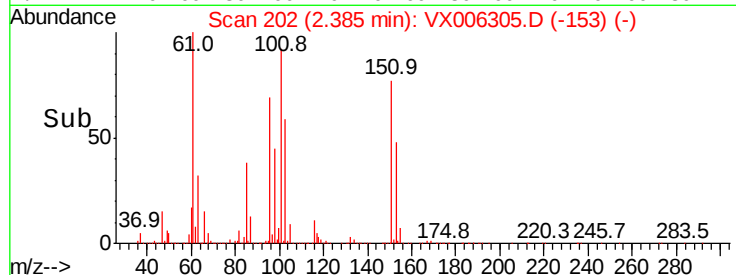
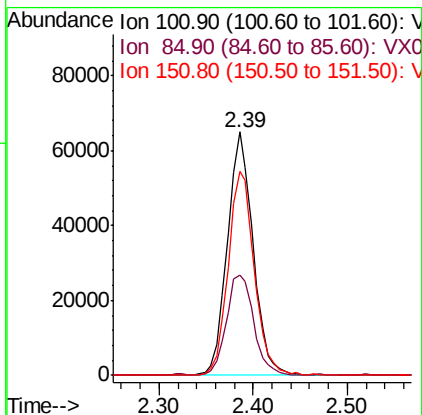
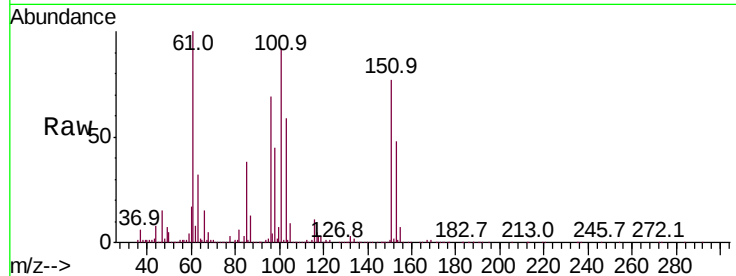
ClientSampleId :

VX1205WBSD01

Tot Ion:	101	Resp:	122707
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.5	53.3
151	84.7	68.6	103.0

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#10

Methyl Iodide

Concen: 15.260 ug/l

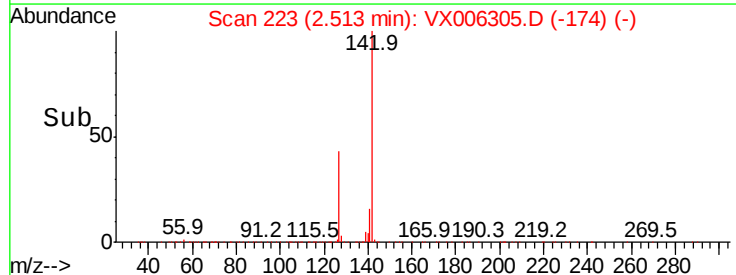
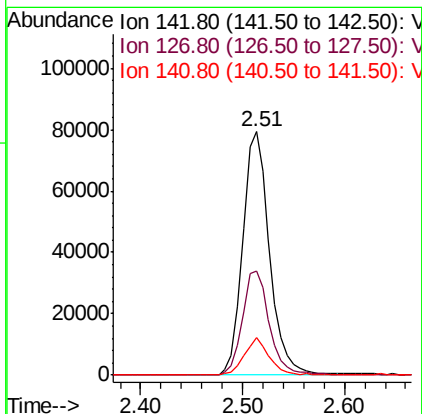
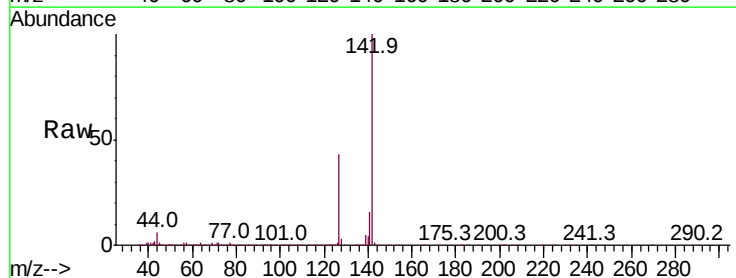
RT: 2.51 min Scan# 223

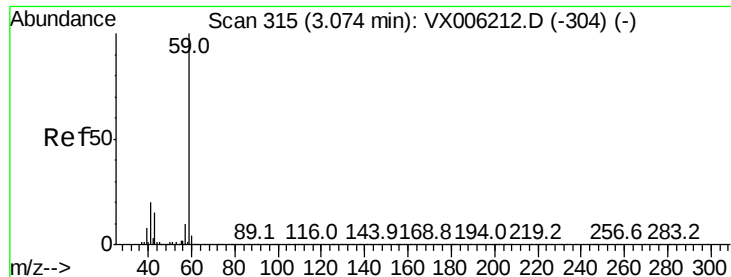
Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion:	142	Resp:	144610
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.8	52.2
141	14.0	11.4	17.2





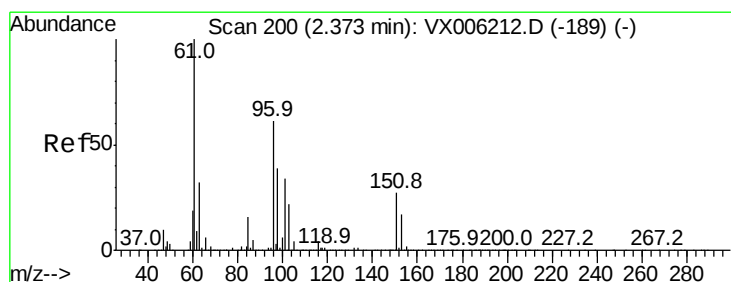
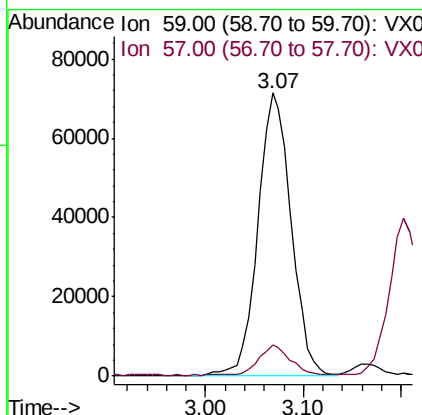
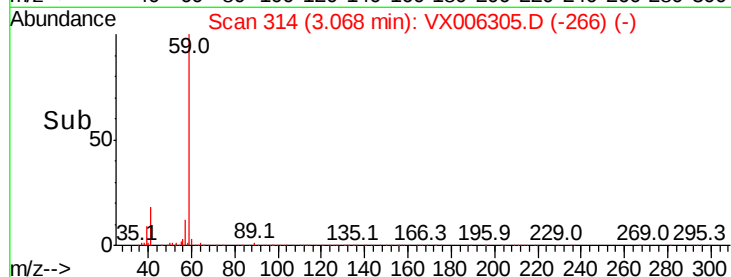
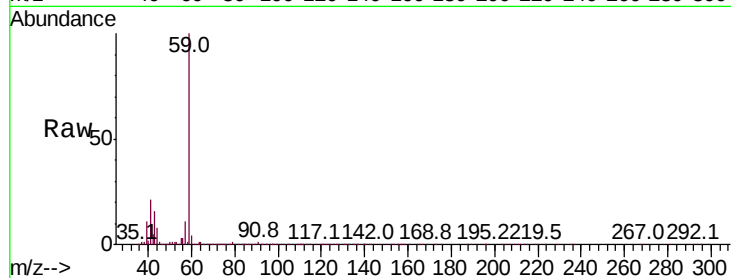
#11
Tert butyl alcohol
Concen: 91.208 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	59	57	Ratio	100	9.8	Resp	169391	Lower	8.2	Upper	12.2
Ion	59	57	Ratio	100	9.8	Resp	169391	Lower	8.2	Upper	12.2

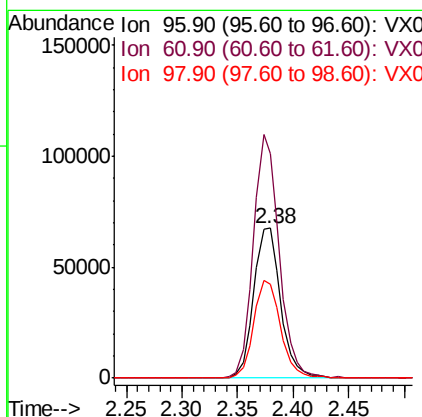
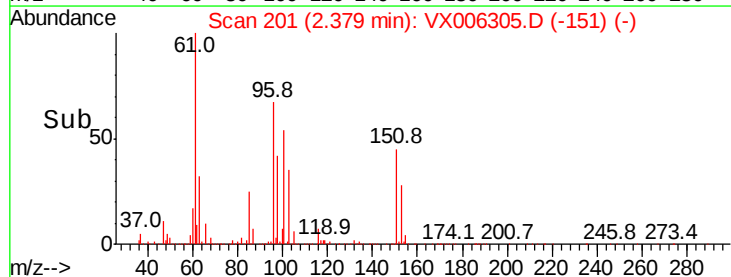
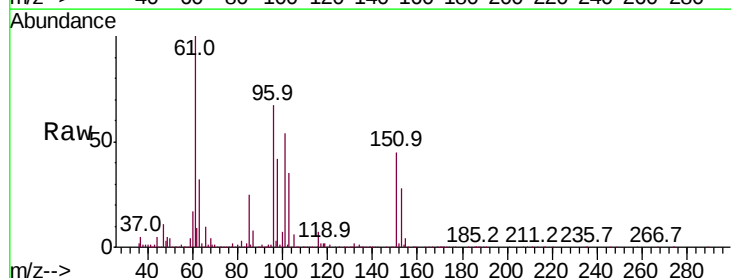
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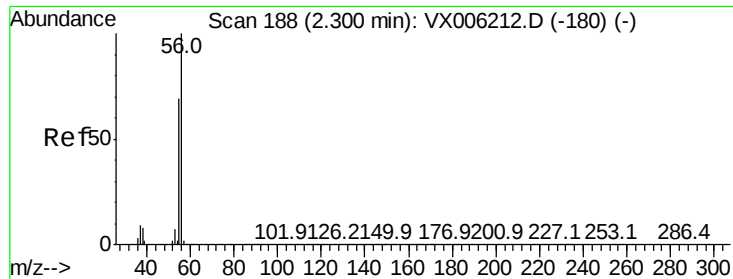
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.999 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	96	61	98	Ratio	100	149.8	62.4	Resp	114365	Lower	131.7	Upper	197.5	77.6
Ion	96	61	98	Ratio	100	149.8	62.4	Resp	114365	Lower	131.7	Upper	197.5	77.6





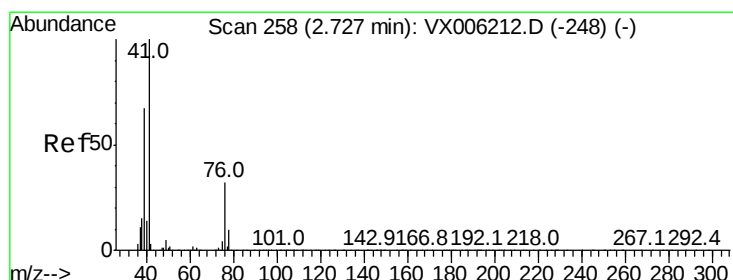
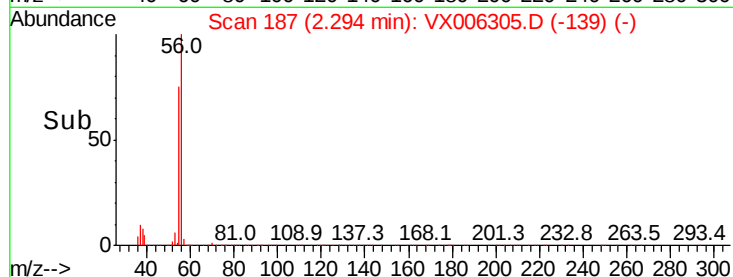
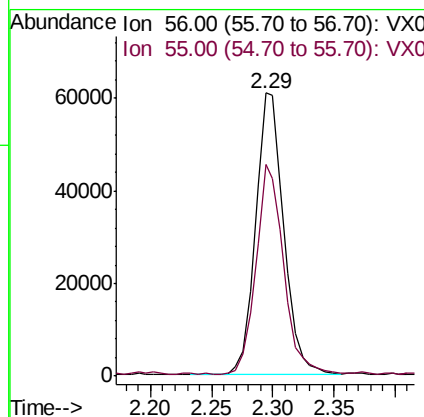
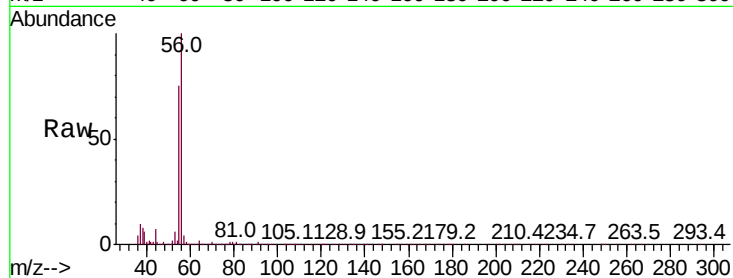
#13
Acrolein
Concen: 96.160 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampled :
VX1205WBSD01

Tot Ion	56	Resp	97609
Ion Ratio	100	Lower	Upper
55	73.2	57.8	86.6

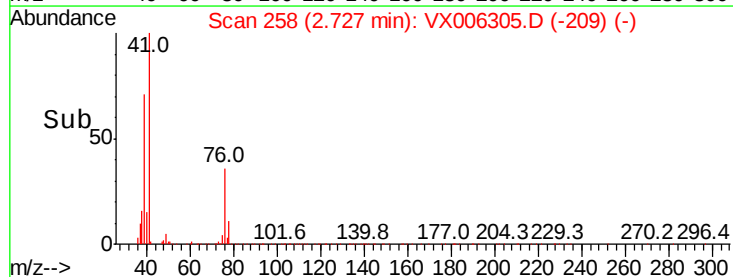
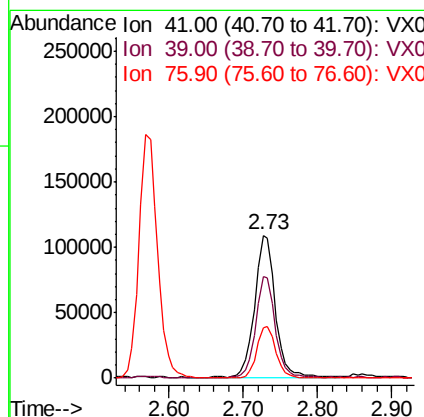
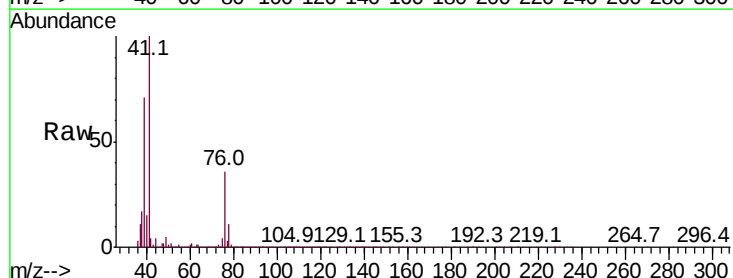
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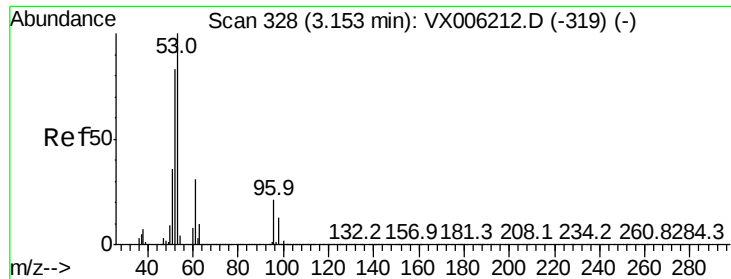
MMDadoda
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#14
Allyl chloride
Concen: 17.785 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	41	Resp	211484
Ion Ratio	100	Lower	Upper
39	66.6	52.4	78.6
76	33.5	25.4	38.0





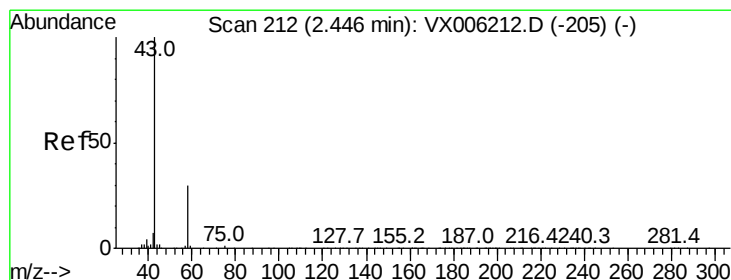
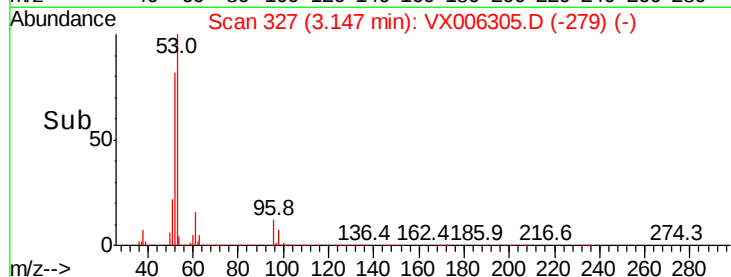
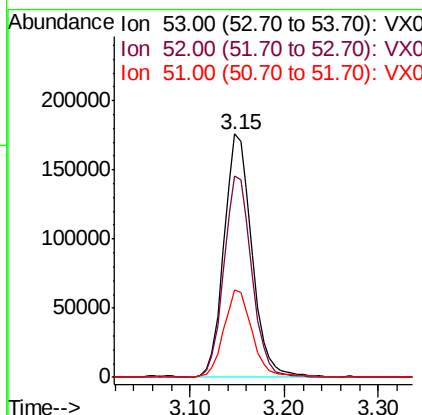
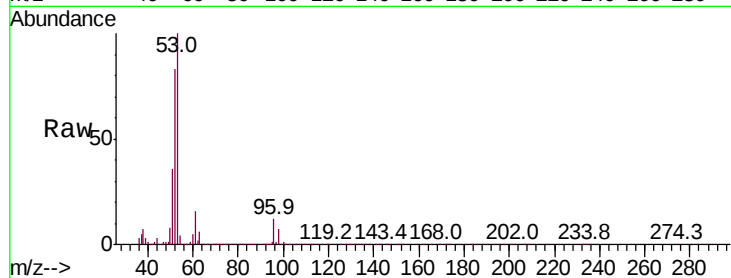
#15
Acrylonitrile
Concen: 92.881 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.4
51	36.3	28.7	43.1

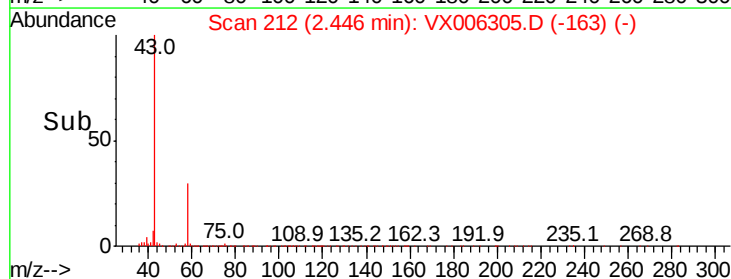
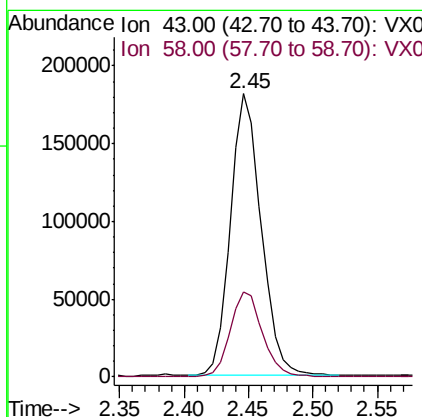
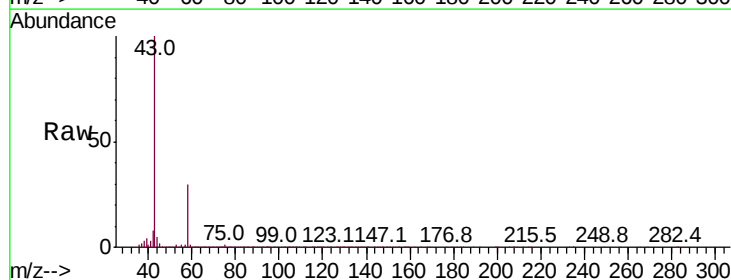
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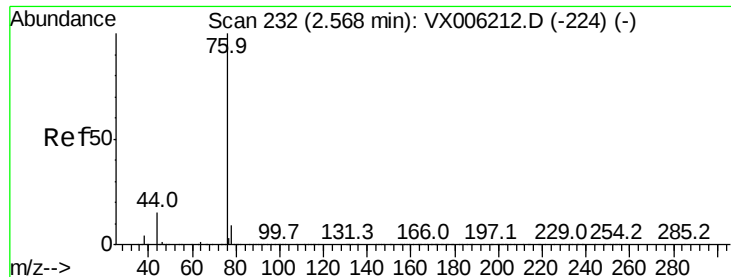
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#16
Acetone
Concen: 95.129 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.0	36.0





#17

Carbon Disulfide

Concen: 17.188 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 76 Resp: 318805

Ion Ratio Lower Upper

76 100

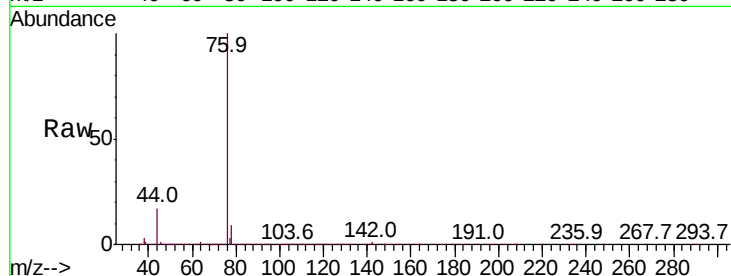
78 9.1 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

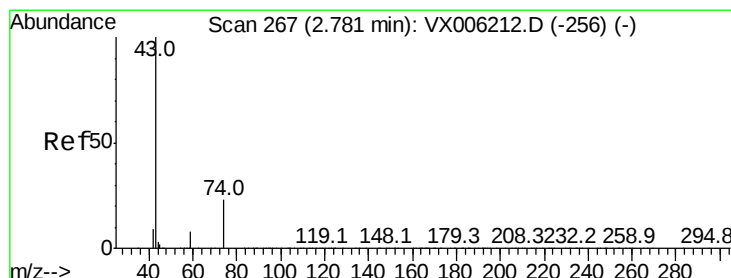
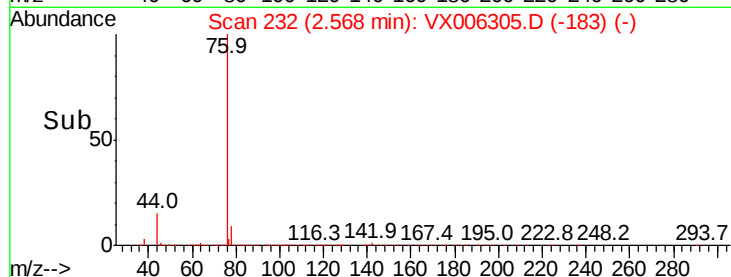
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 19.442 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006305.D

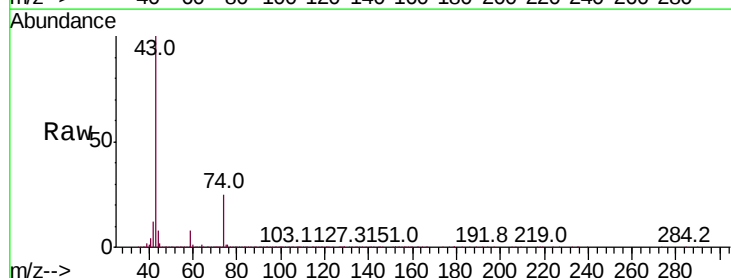
Acq: 05 Dec 2018 17:18

Tgt Ion: 43 Resp: 207208

Ion Ratio Lower Upper

43 100

74 23.5 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

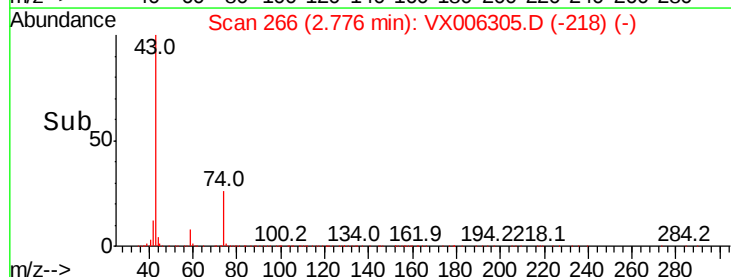
40000

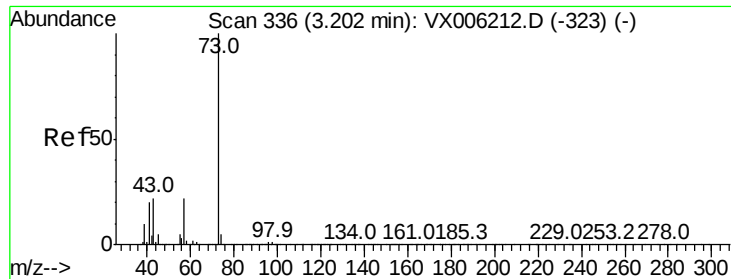
20000

0

2.70 2.75 2.80 2.85

Time-->





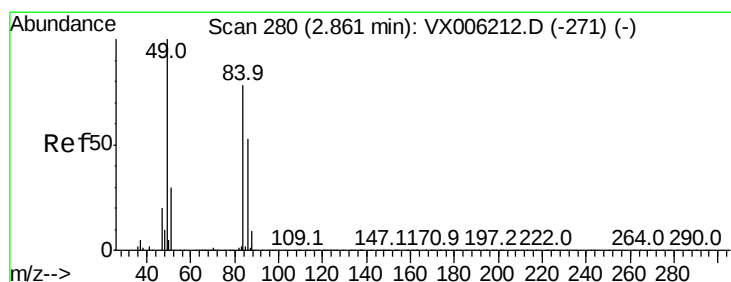
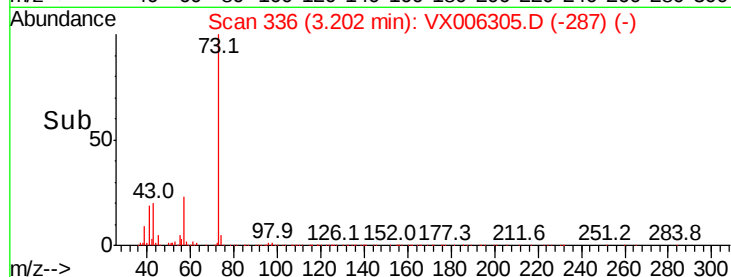
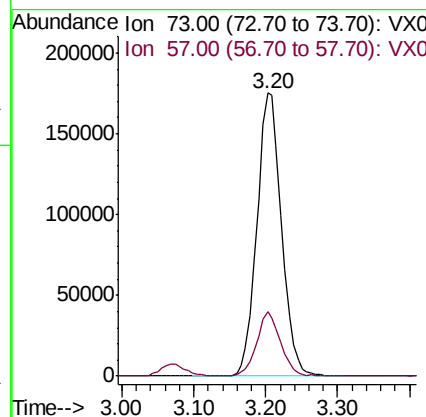
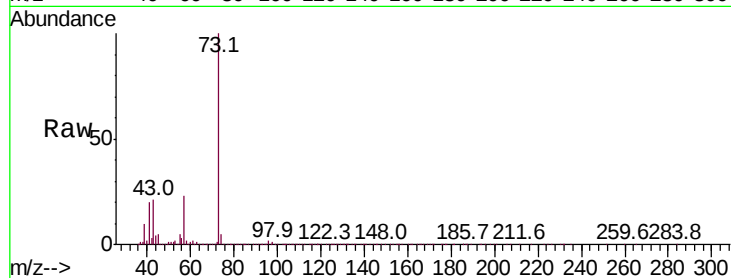
#19
Methvl tert-butvl Ether
Concen: 19.359 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion: 73 Resp: 415705
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3

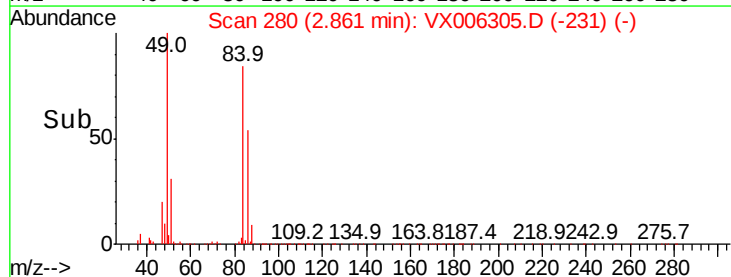
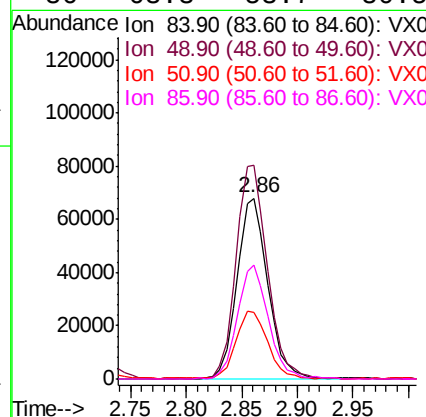
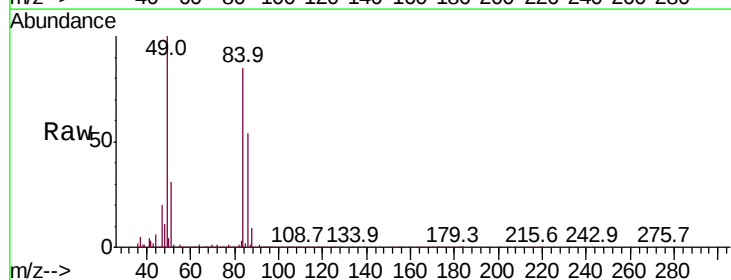
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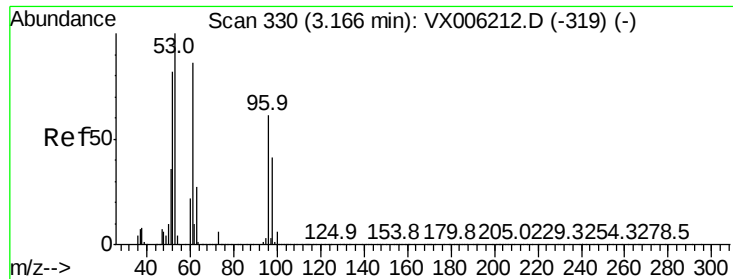
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#20
Methylene Chloride
Concen: 19.223 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion: 84 Resp: 130380
Ion Ratio Lower Upper
84 100
49 118.2 102.2 153.4
51 36.3 31.1 46.7
86 63.3 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 18.663 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 96 Resp: 119721

Ion Ratio Lower Upper

96 100

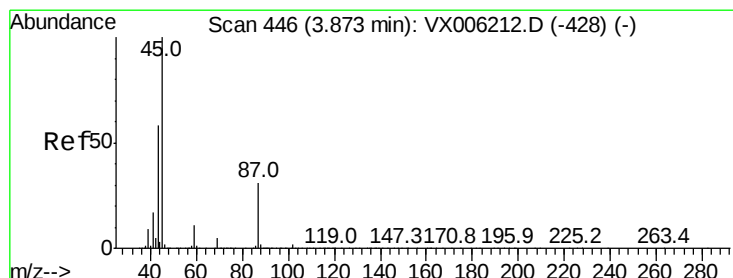
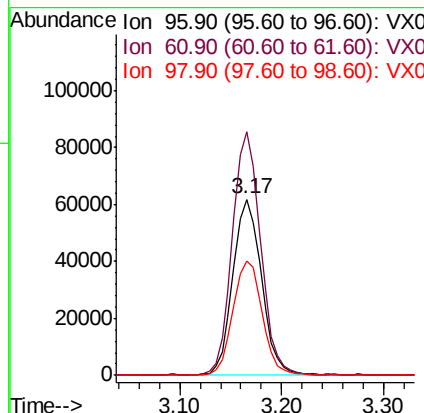
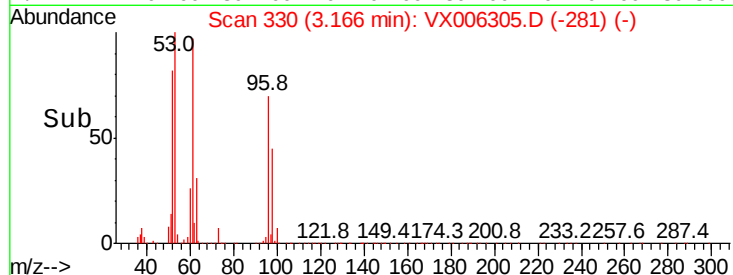
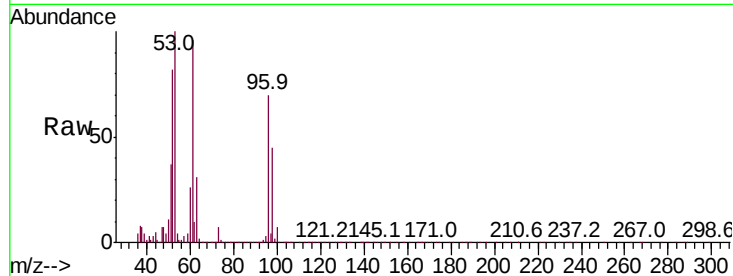
61 138.2 113.3 169.9

98 64.8 53.2 79.8

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#22

Diisopropyl ether

Concen: 19.867 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion: 45 Resp: 368994

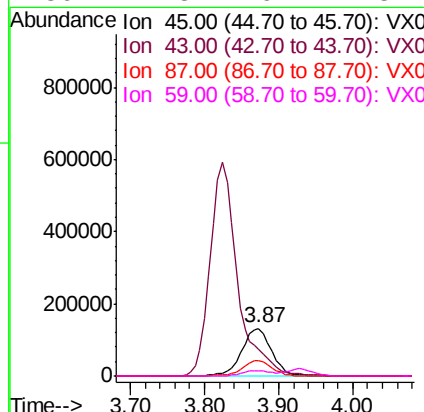
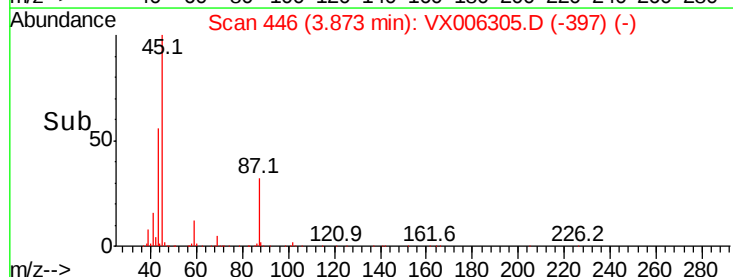
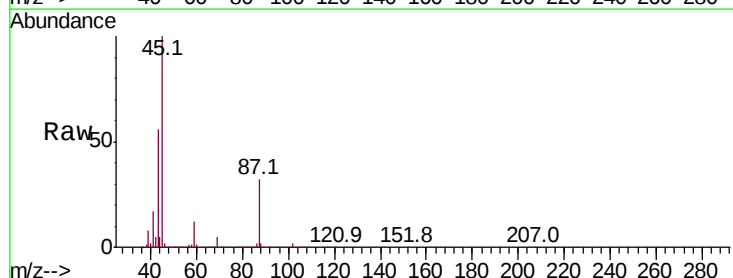
Ion Ratio Lower Upper

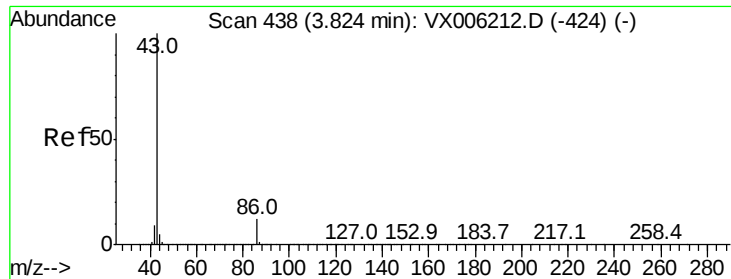
45 100

43 55.6 46.2 69.2

87 32.4 24.9 37.3

59 11.8 9.1 13.7





#23

Vinyl Acetate

Concen: 96.170 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 43 Resp: 1523444

Ion Ratio Lower Upper

43 100

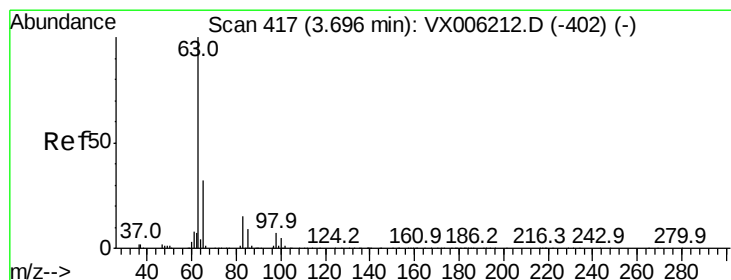
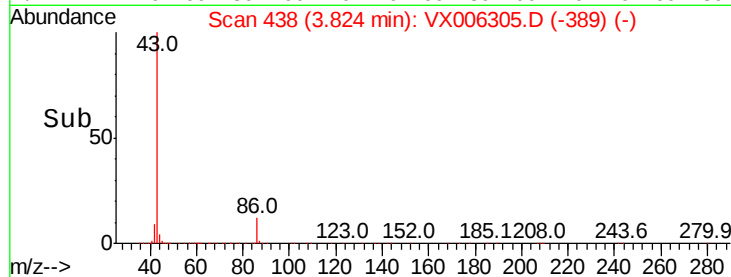
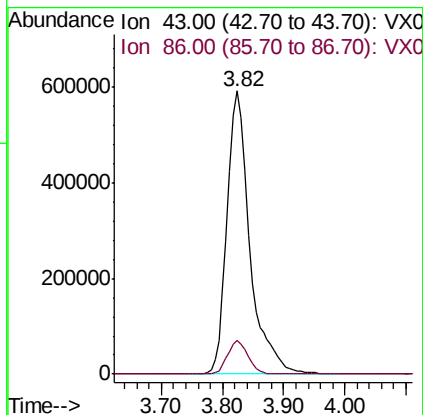
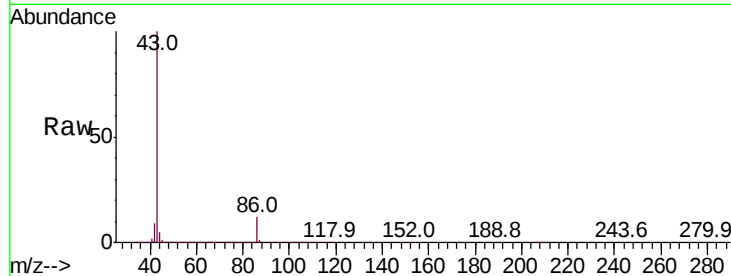
86 12.0 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.570 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

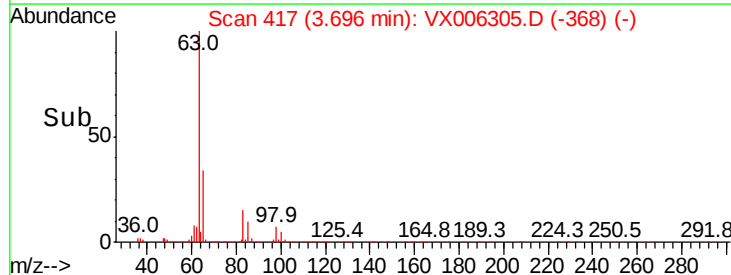
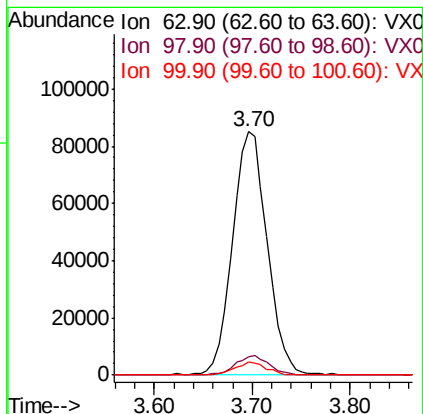
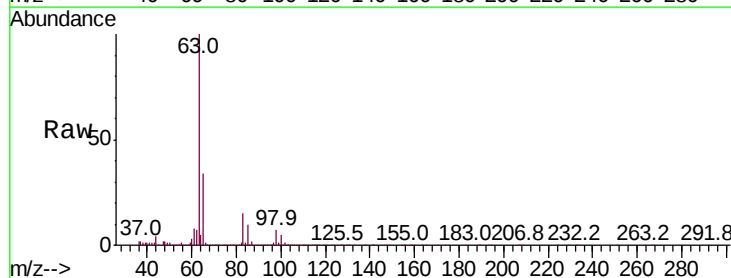
Tgt Ion: 63 Resp: 207751

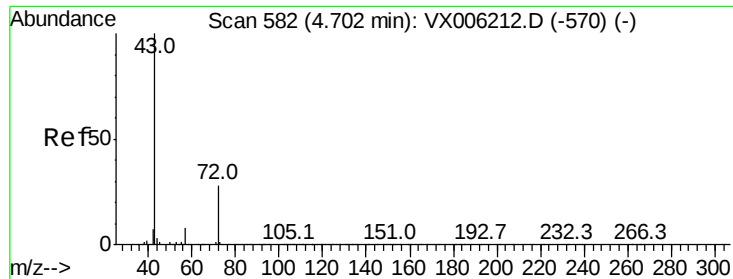
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 5.1 2.5 7.4





#25

2-Butanone

Concen: 97.619 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampled :

VX1205WBSD01

Tot Ion: 43 Resp: 443906

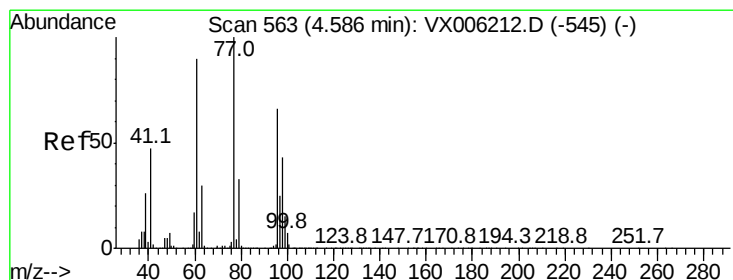
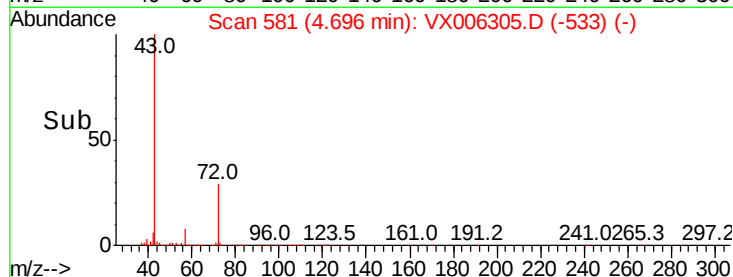
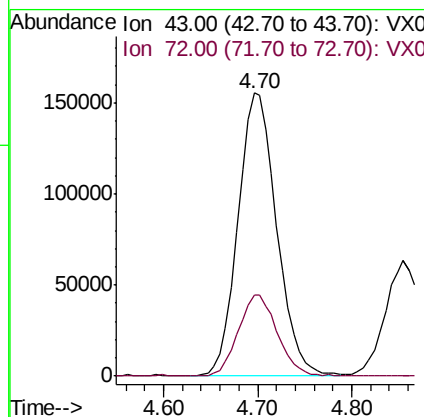
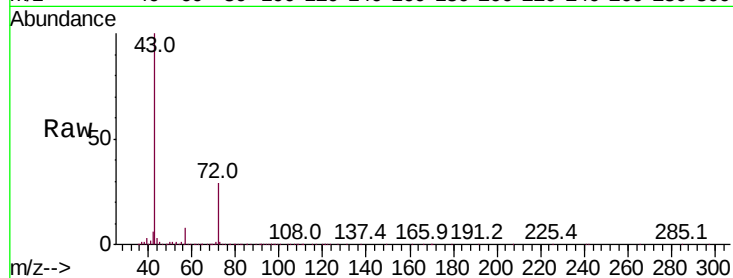
Ion Ratio Lower Upper

43 100

72 28.4 22.6 33.8

Manual Integrations
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12/7/2018 10:42:06 AM



#26

2,2-Dichloropropane

Concen: 18.295 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006305.D

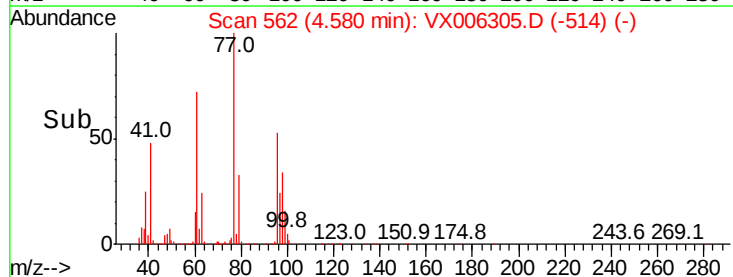
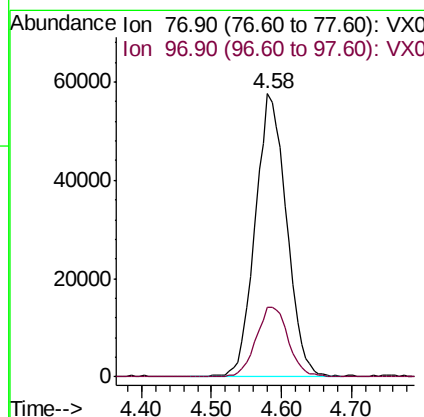
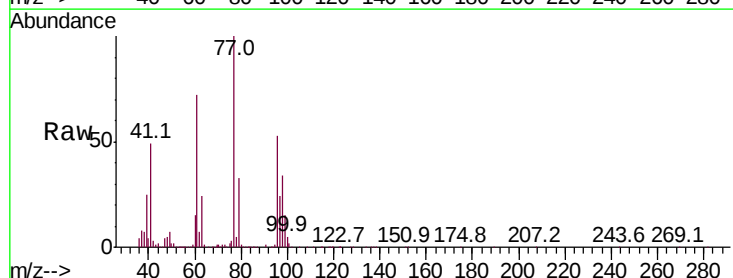
Acq: 05 Dec 2018 17:18

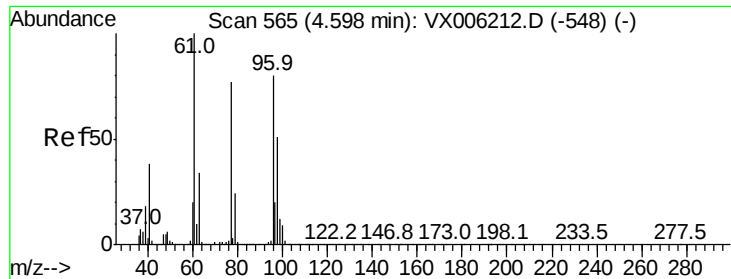
Tgt Ion: 77 Resp: 179237

Ion Ratio Lower Upper

77 100

97 25.4 12.3 36.8





#27

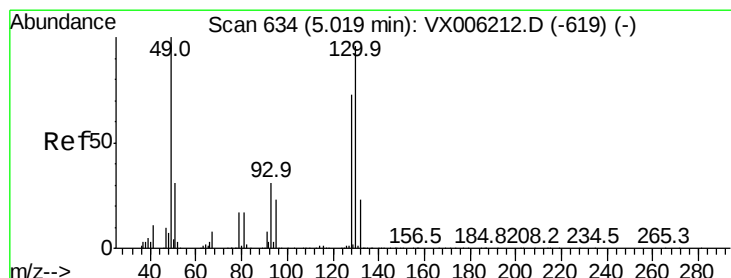
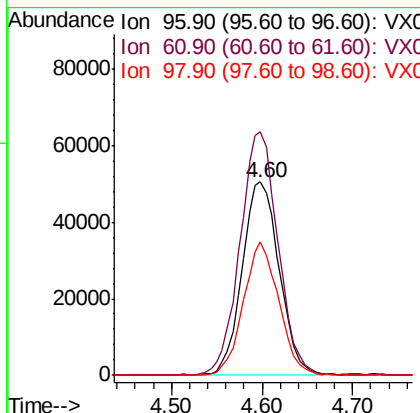
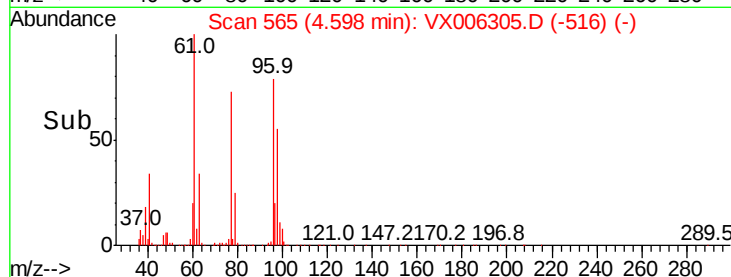
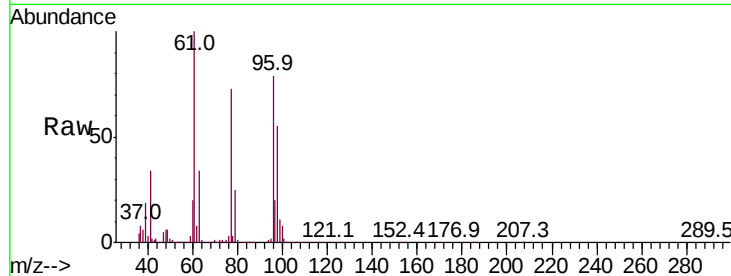
cis-1,2-Dichloroethene
Concen: 19.979 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	265.0
98	65.1	0.0	130.2

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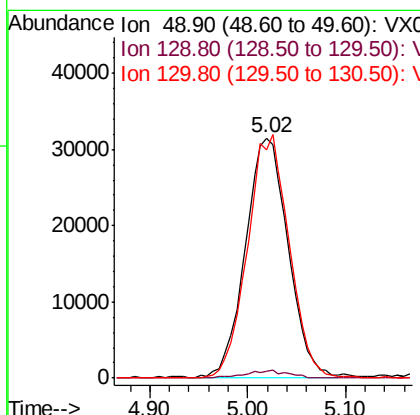
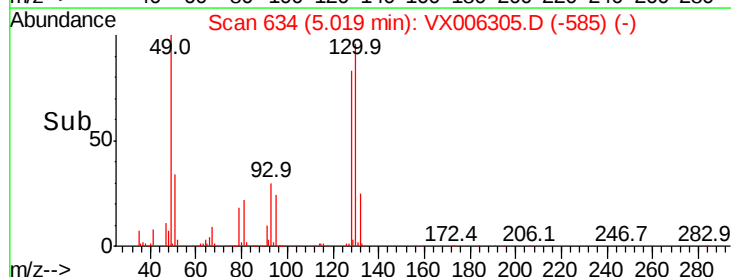
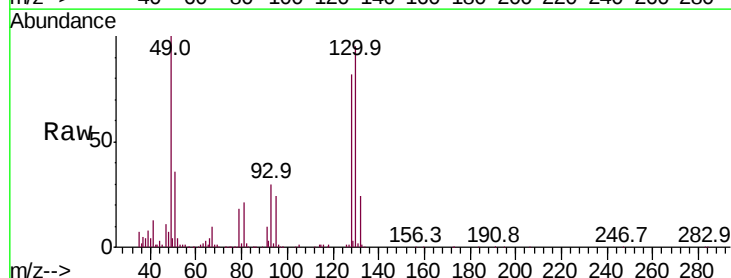
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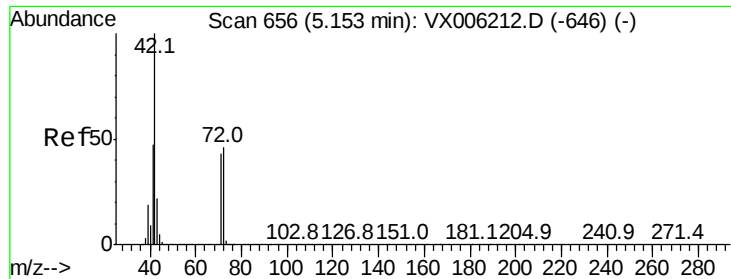


#28

Bromochloromethane
Concen: 20.545 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.3	0.0	5.0
130	99.4	78.3	117.5





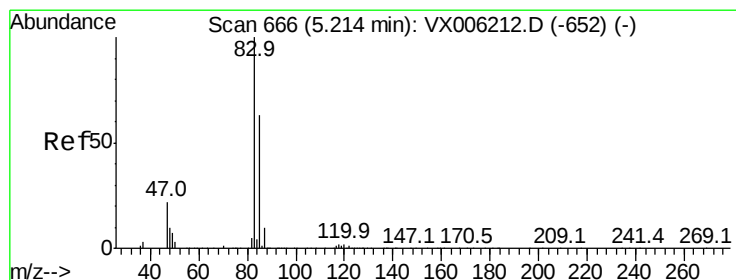
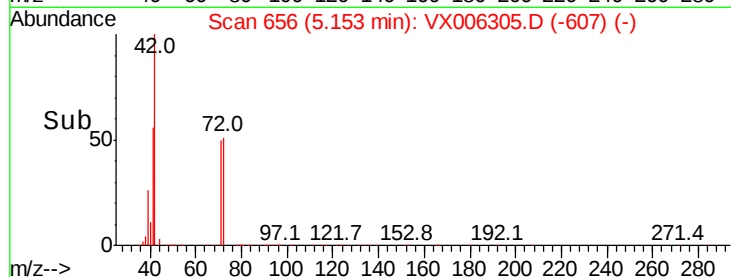
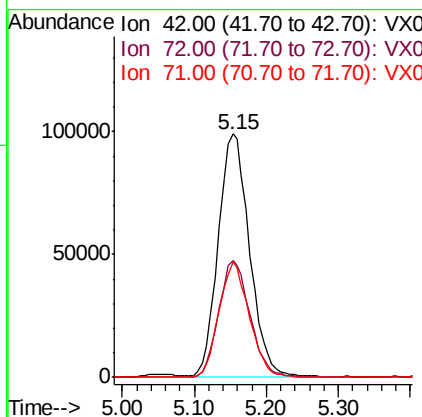
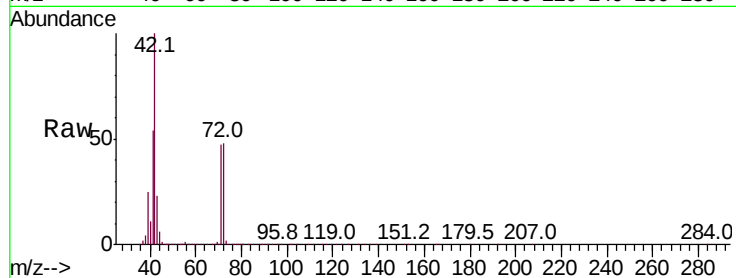
#29
Tetrahydrofuran
Concen: 94.430 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
42	100	298437		
72	48.2		37.8	56.8
71	46.3		35.2	52.8

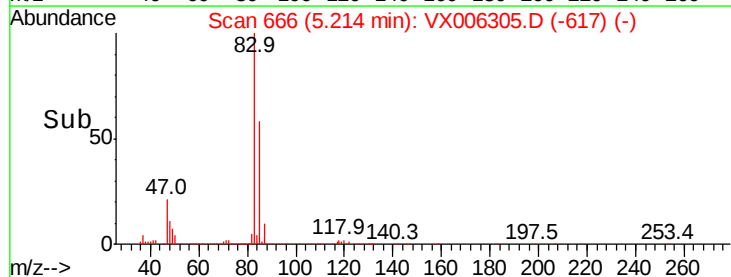
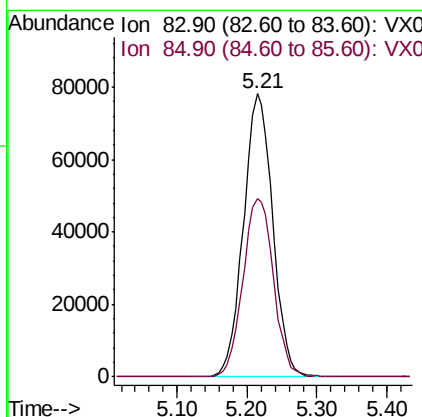
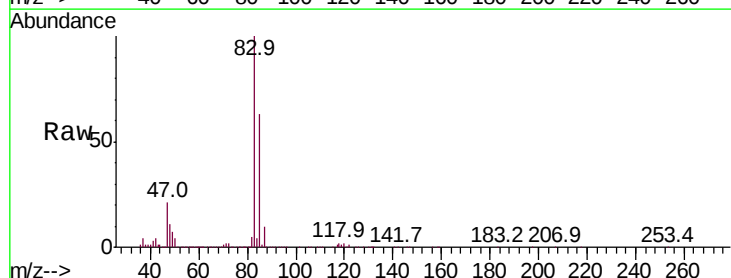
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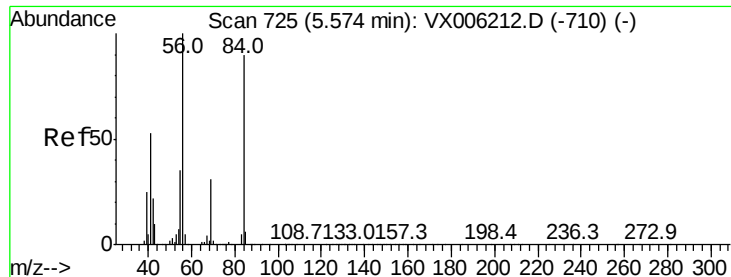
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#30
Chloroform
Concen: 20.271 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	226140		
85	63.1		50.3	75.5





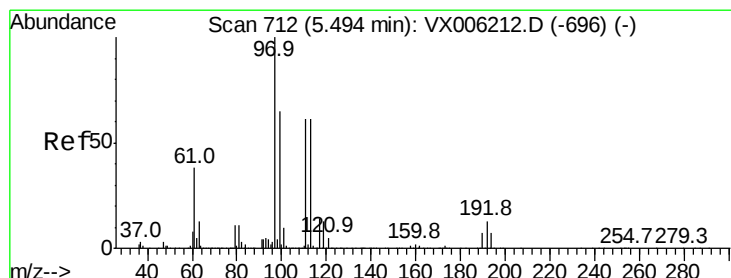
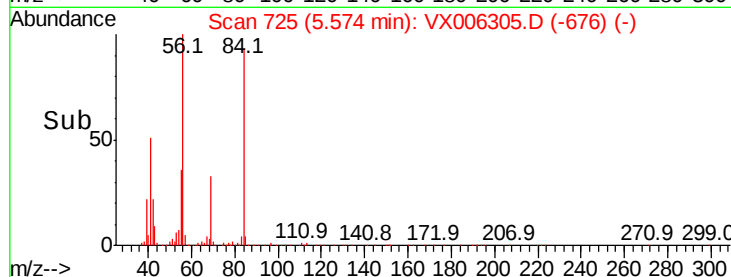
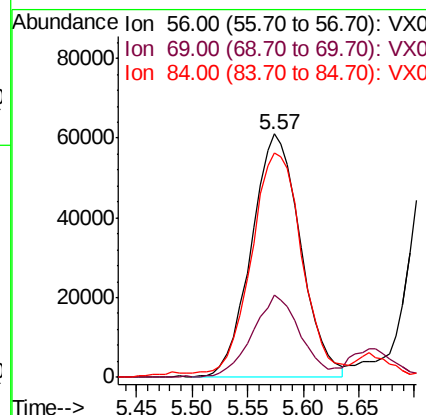
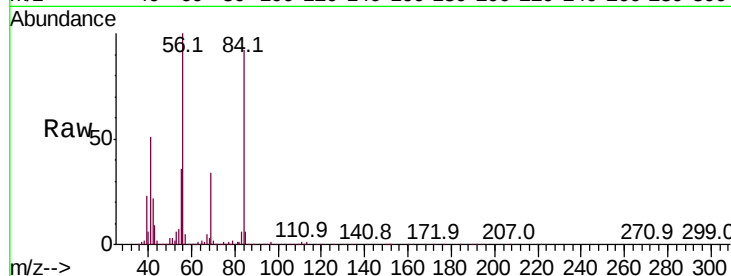
#31
Cyclohexane
Concen: 19.016 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	24.5	36.7
84	90.8	71.8	107.6

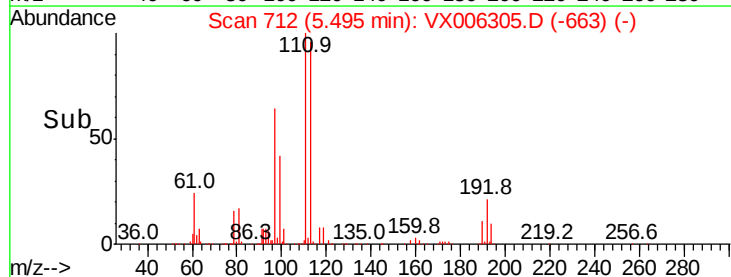
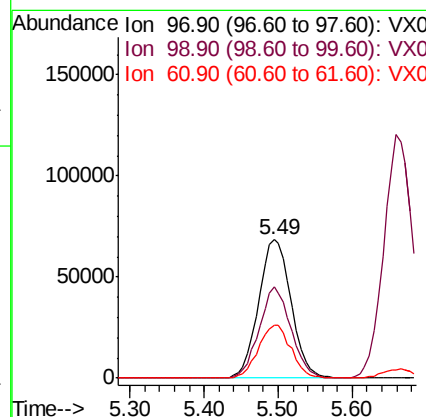
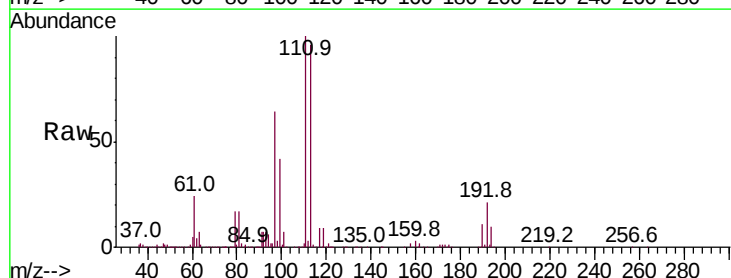
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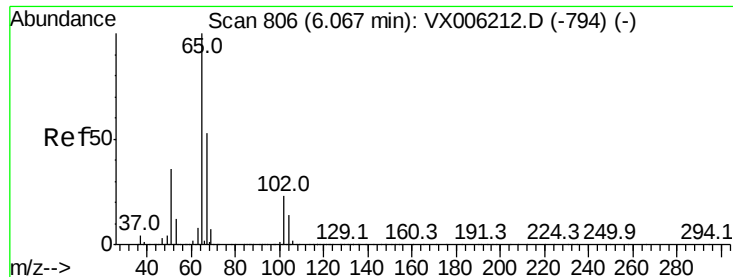
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#32
1,1,1-Trichloroethane
Concen: 19.753 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	38.7	30.6	46.0





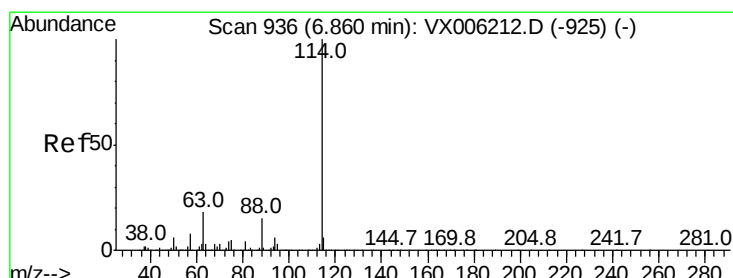
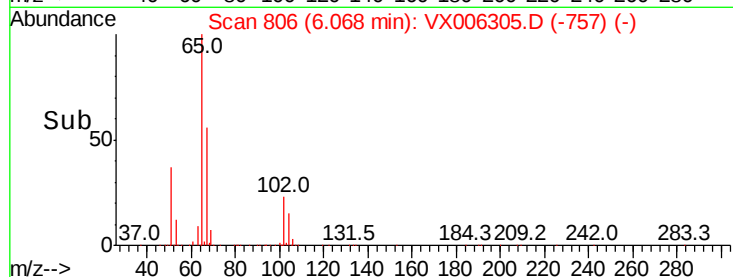
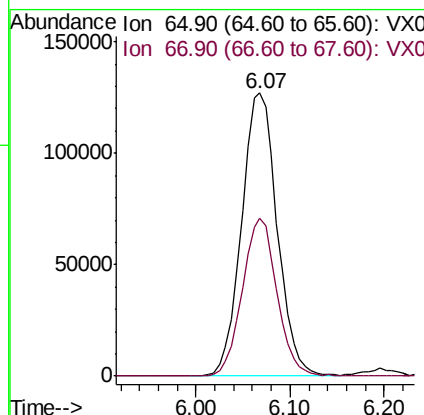
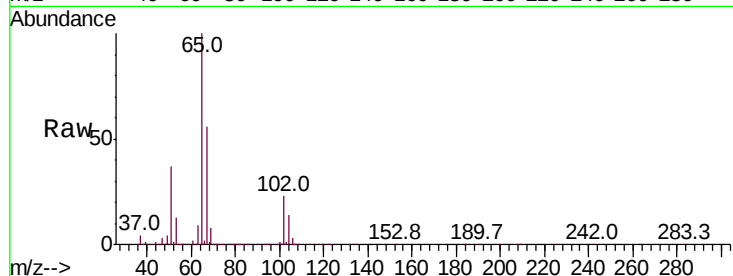
#33
 1,2-Dichloroethane-d4
 Concen: 49.422 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.2

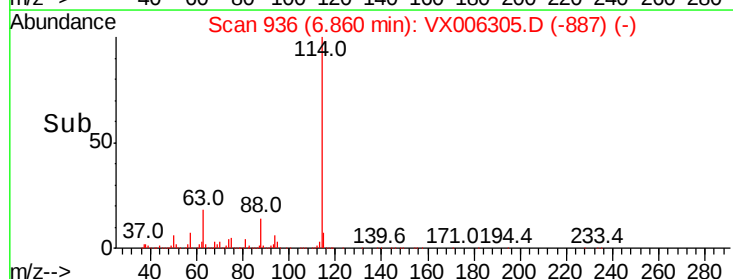
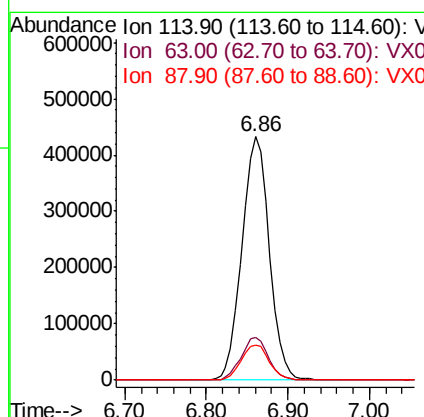
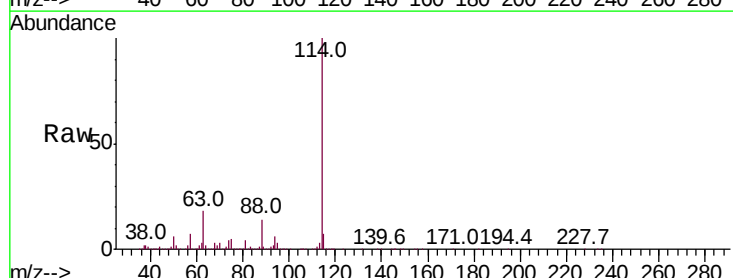
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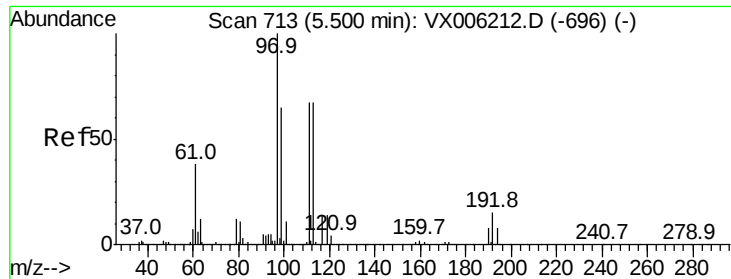
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 12/7/2018 10:42:06 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	36.6
88	14.4	0.0	29.0





#35

Dibromofluoromethane

Concen: 49.684 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

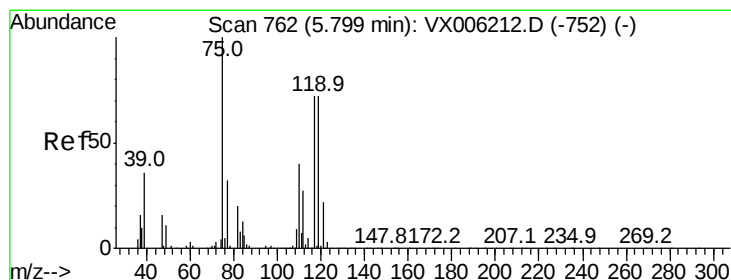
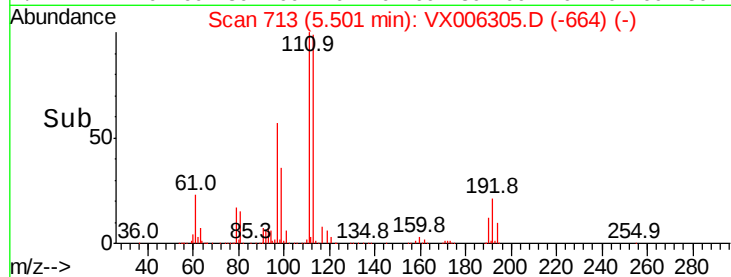
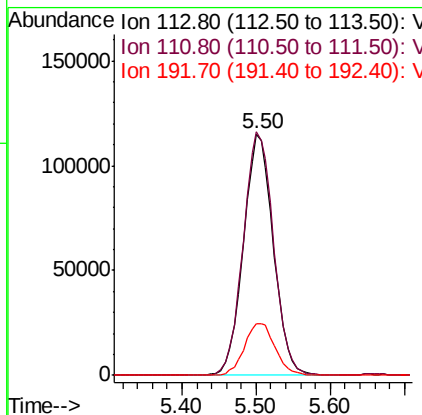
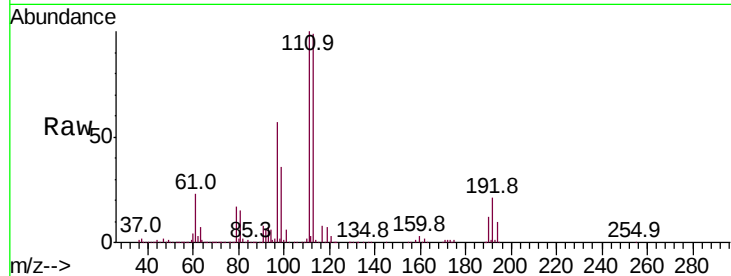
ClientSampleId :

VX1205WBSD01

Tot Ion:	113	Resp:	324069
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.1	121.7
192	22.1	18.2	27.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.084 ug/l

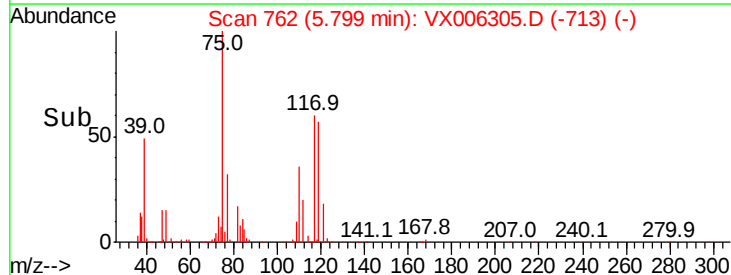
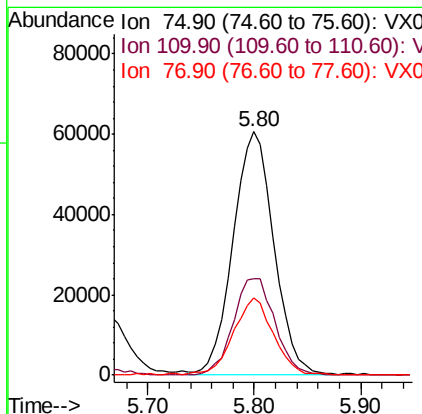
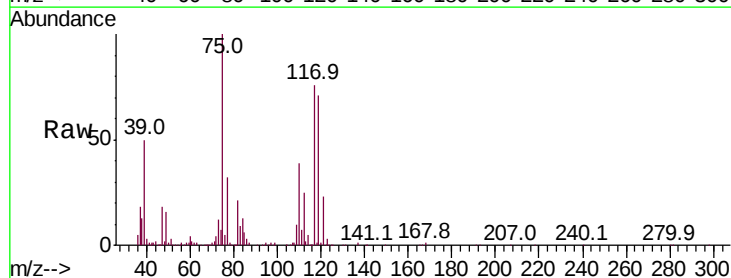
RT: 5.80 min Scan# 762

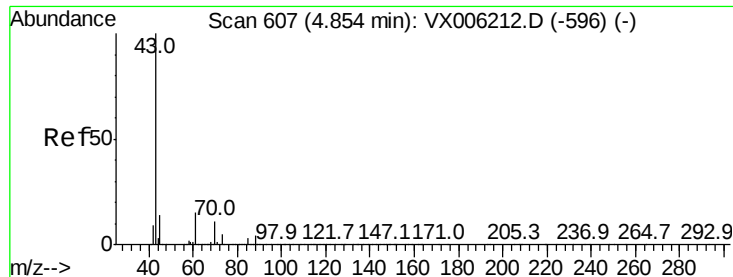
Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion:	75	Resp:	161902
Ion Ratio	Lower	Upper	
75	100		
110	40.8	20.4	61.3
77	30.8	24.9	37.3





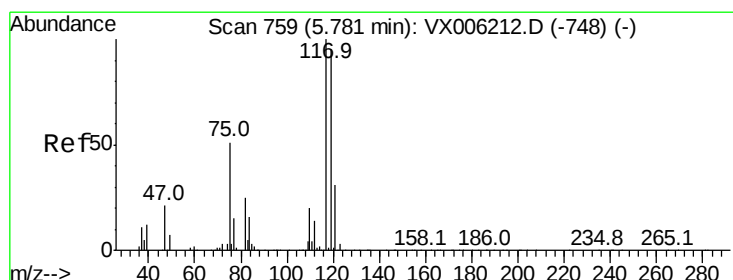
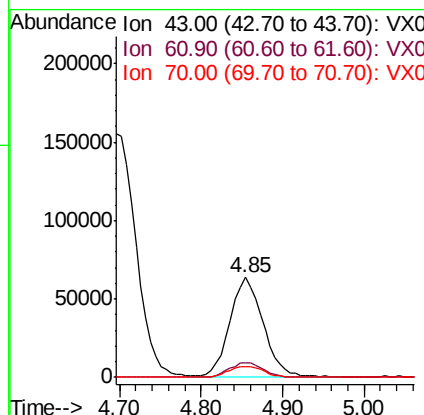
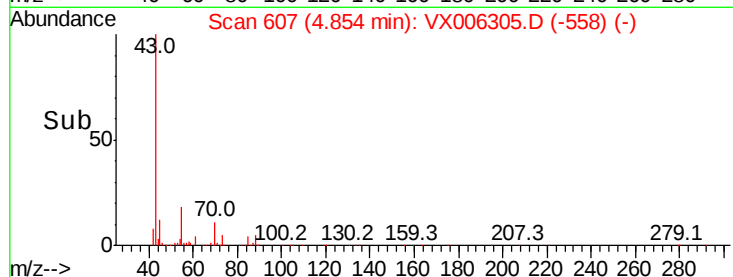
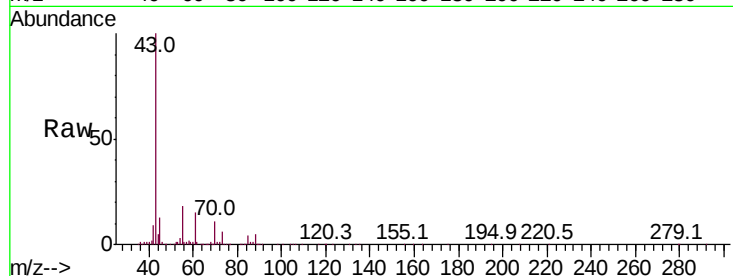
#37
Ethyl Acetate
Concen: 18.667 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	12.1	9.0	13.6

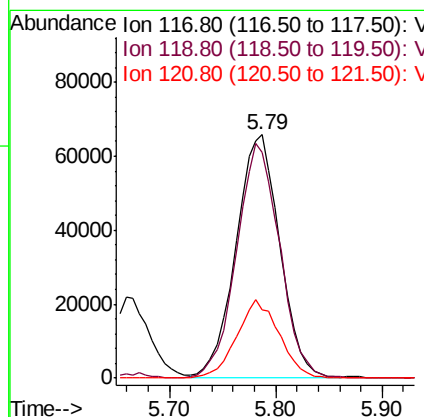
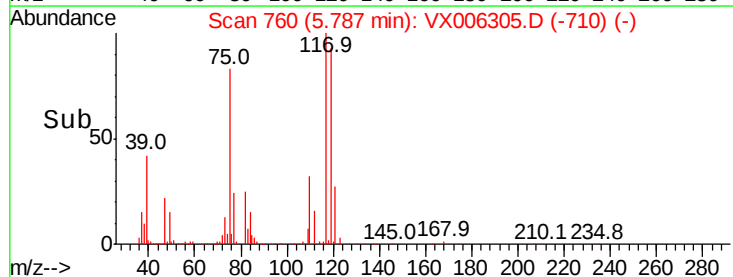
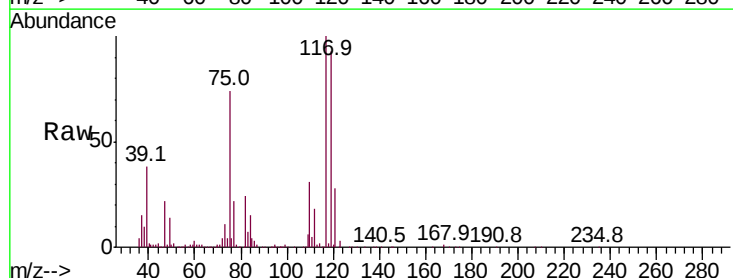
Manual Integrations
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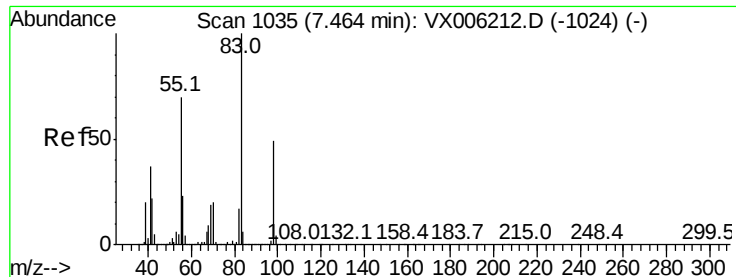
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#38
Carbon Tetrachloride
Concen: 18.960 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.8	113.8
121	28.0	24.6	37.0





#39

Methvlcvclohexane

Concen: 18.692 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

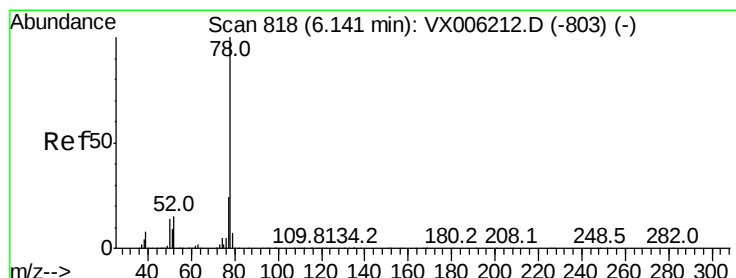
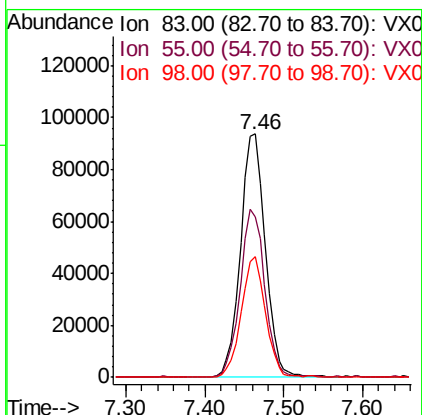
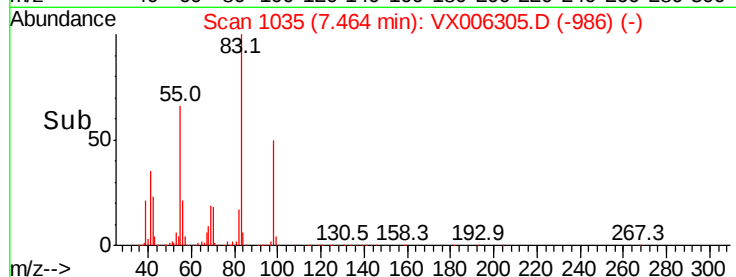
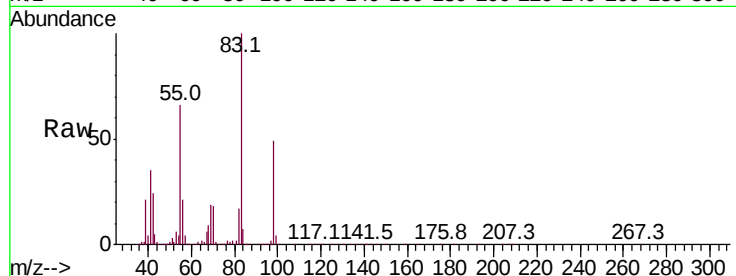
Instrument :
MSVOA_X

ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.9	56.4	84.6
98	49.4	39.0	58.6

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#40

Benzene

Concen: 19.718 ug/l

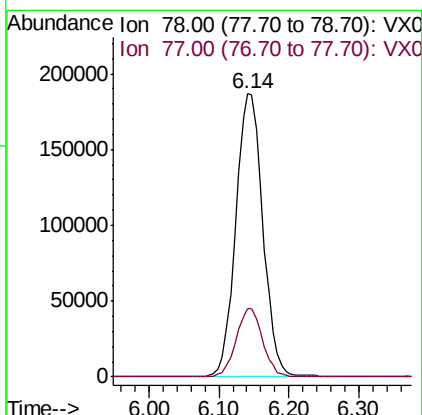
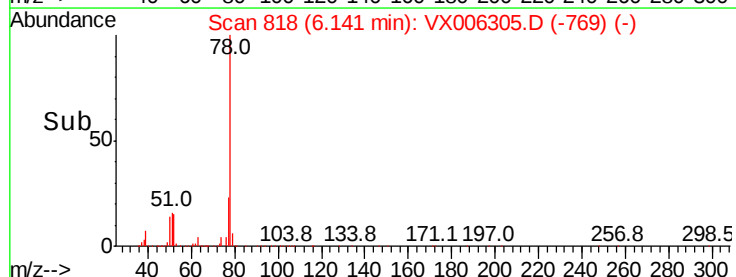
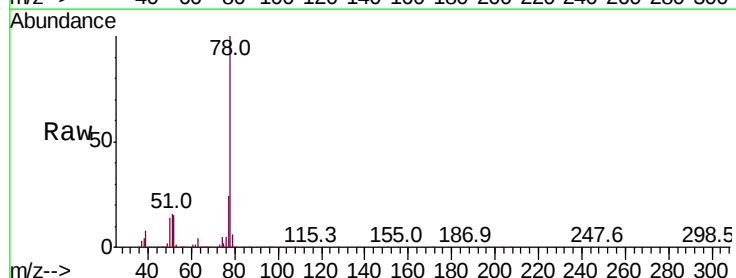
RT: 6.14 min Scan# 818

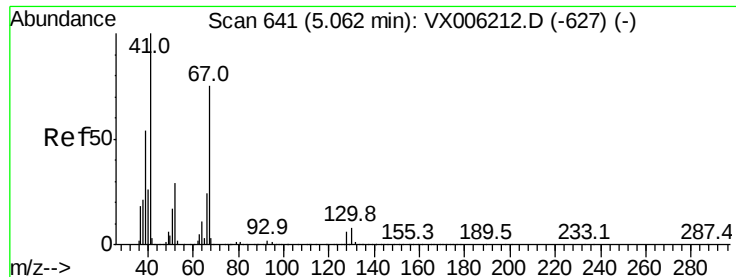
Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





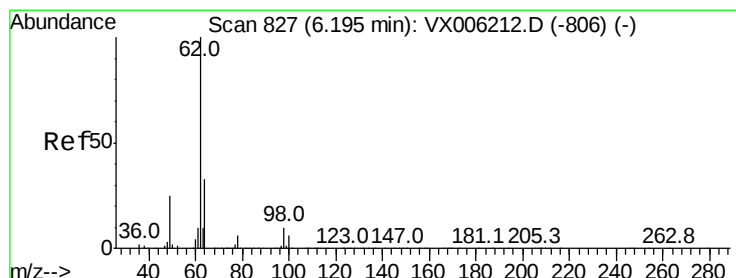
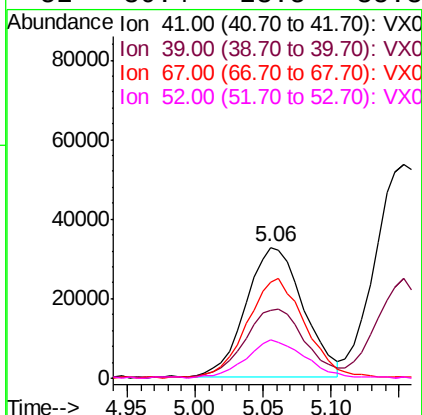
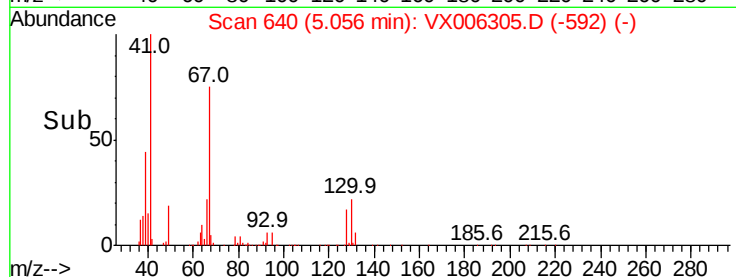
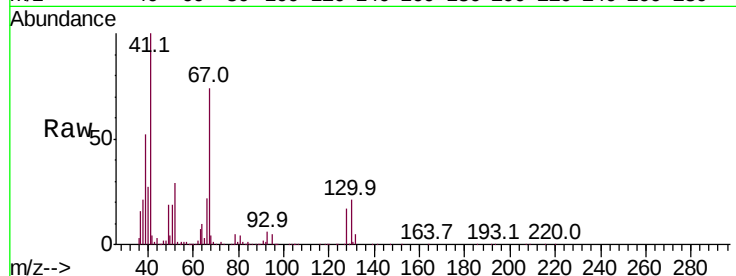
#41
Methacrylonitrile
Concen: 18.464 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		96521		
39	54.9	44.0	66.0		
67	77.1	61.4	92.0		
52	30.4	23.5	35.3		

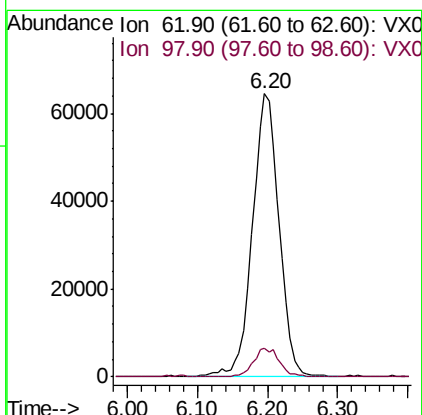
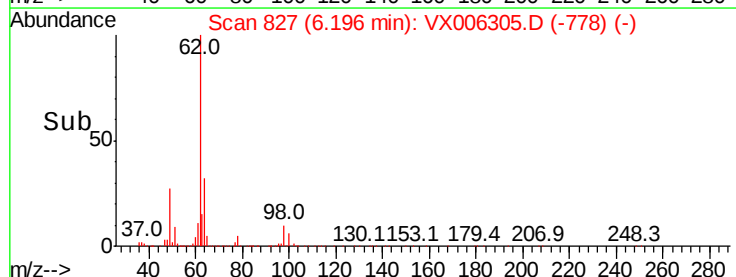
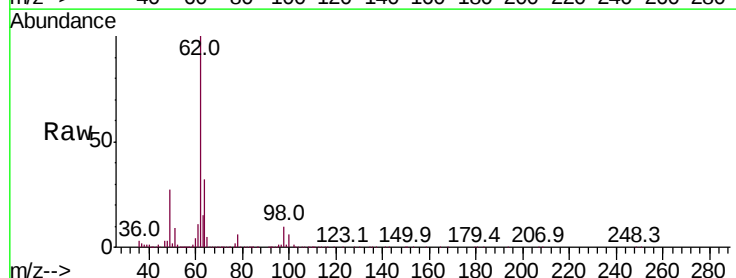
Manual Integrations
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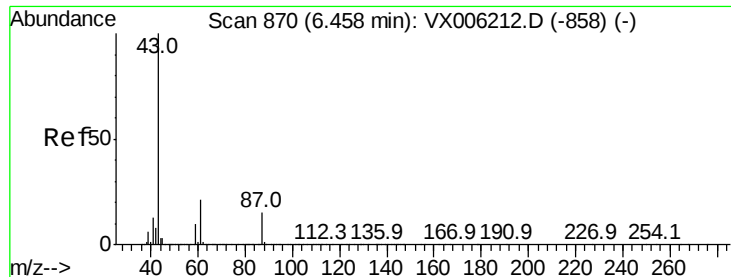
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#42
1,2-Dichloroethane
Concen: 20.269 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		168551		
98	10.1	0.0	20.2		





#43

Isopropyl Acetate

Concen: 18.236 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

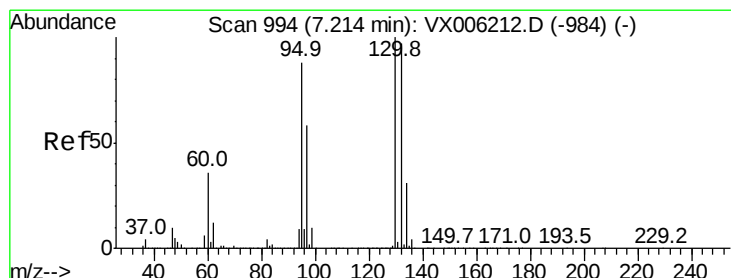
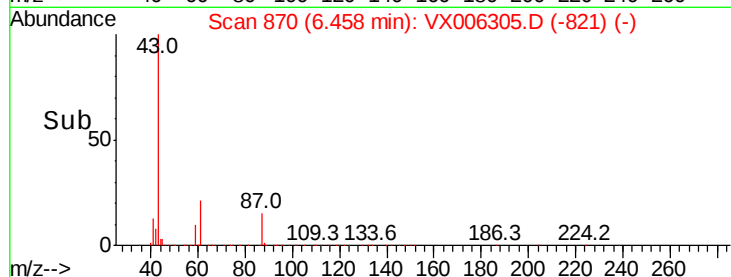
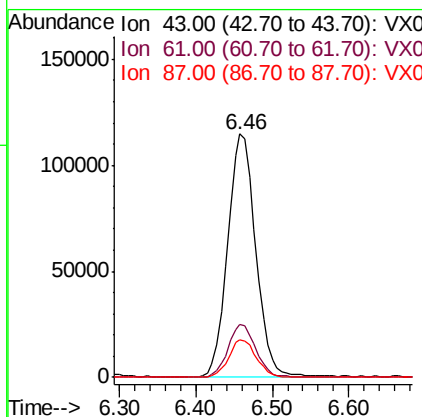
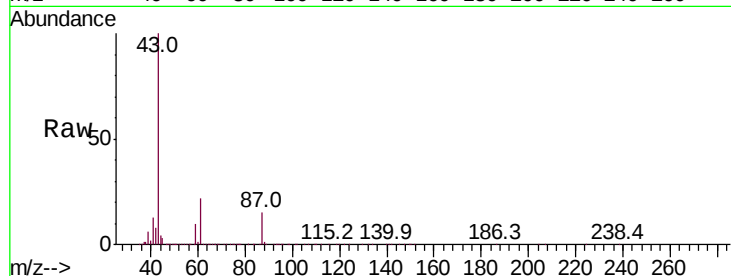
ClientSampleId :

VX1205WBSD01

Tot Ion:	43	Resp:	288864
Ion	Ratio	Lower	Upper
43	100		
61	21.7	16.8	25.2
87	15.4	11.9	17.9

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#44

Trichloroethene

Concen: 19.293 ug/l

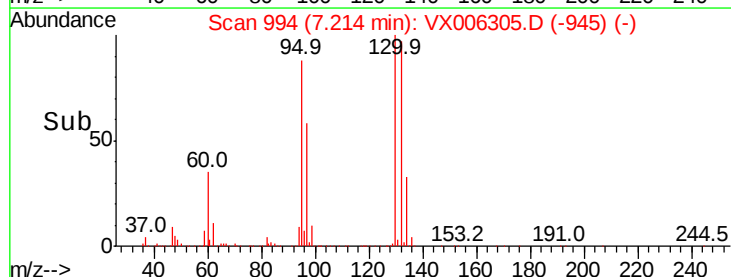
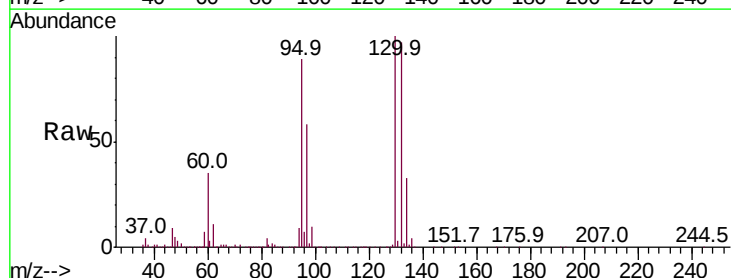
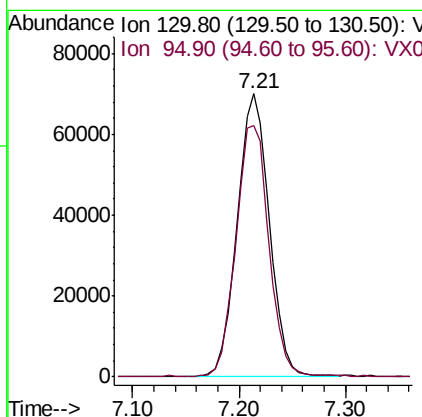
RT: 7.21 min Scan# 994

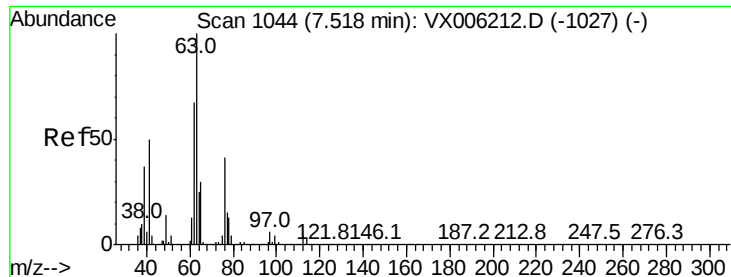
Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion:	130	Resp:	148503
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	175.8





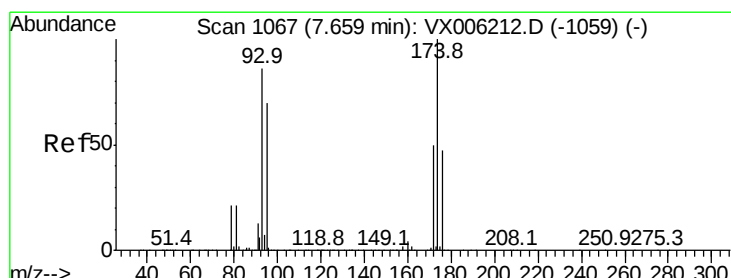
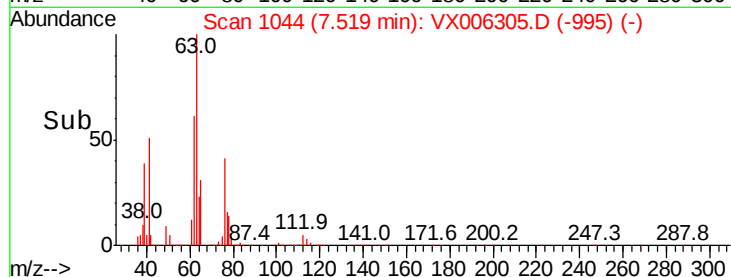
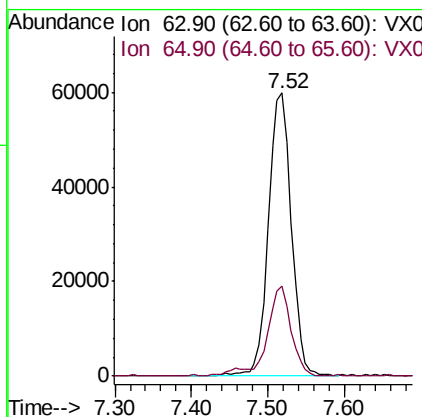
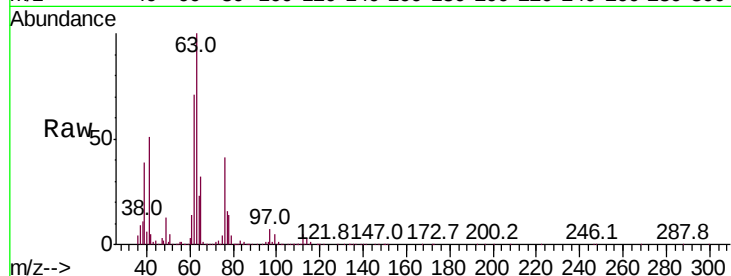
#45
 1,2-Dichloropropane
 Concen: 19.417 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.3	36.5

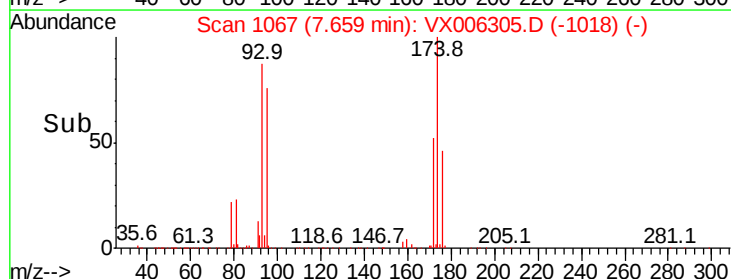
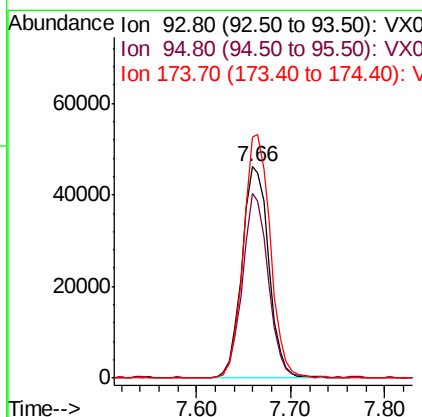
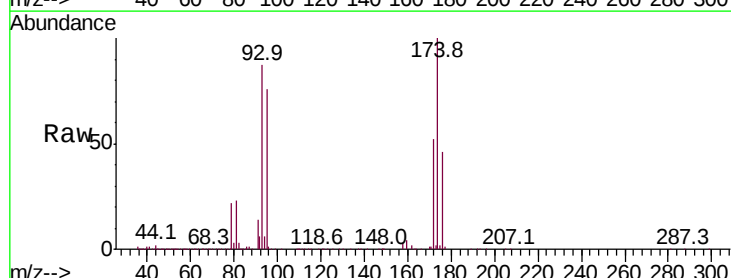
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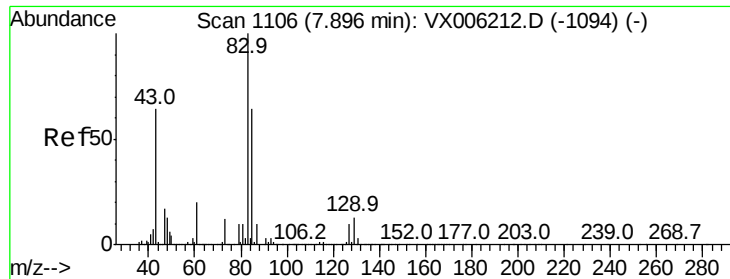
MMDadoda
 12/7/2018 10:42:06 AM



#46
 Dibromomethane
 Concen: 19.784 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.2	99.4
174	115.4	97.2	145.8





#47

Bromodichloromethane

Concen: 19.094 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

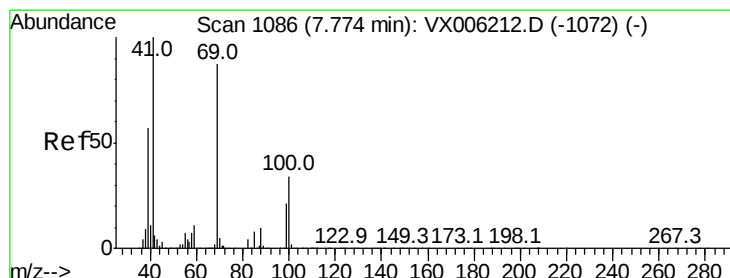
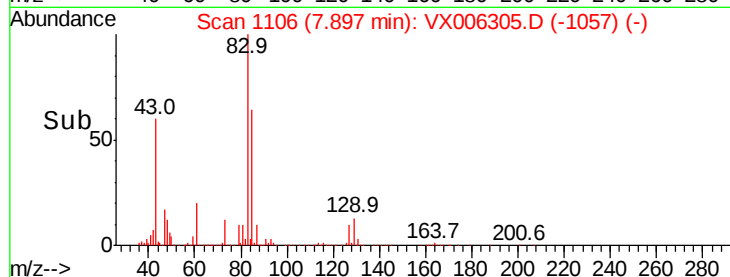
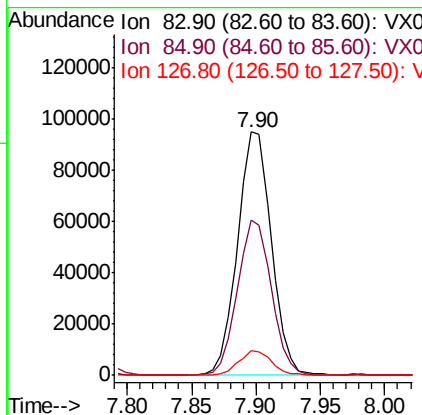
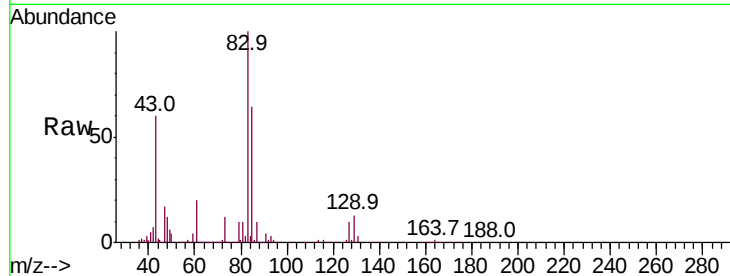
ClientSampleId :

VX1205WBSD01

Tot Ion:	83	Resp:	172455
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.4	77.0
127	10.0	7.9	11.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.343 ug/l

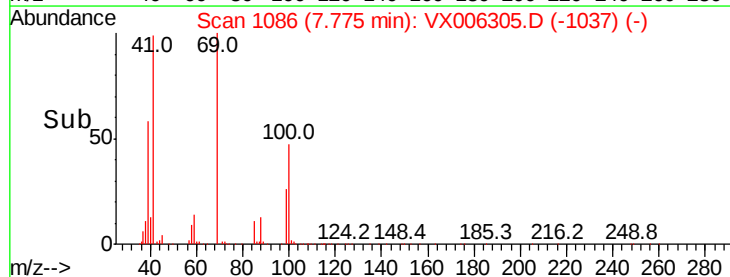
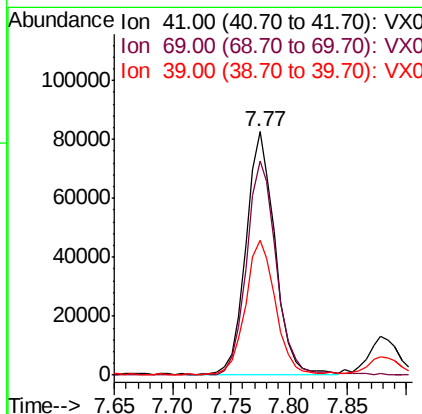
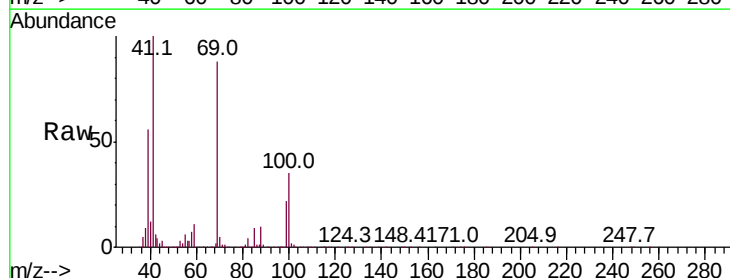
RT: 7.77 min Scan# 1086

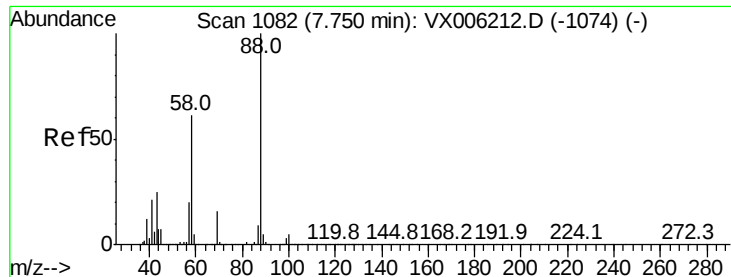
Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion:	41	Resp:	141347
Ion Ratio	Lower	Upper	
41	100		
69	91.0	70.3	105.5
39	57.4	45.3	67.9





#49

1,4-Dioxane

Concen: 372.966 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006305.D

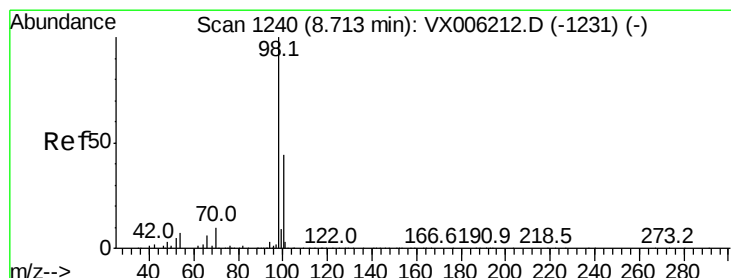
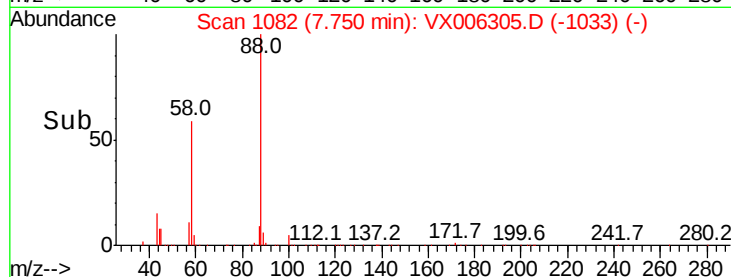
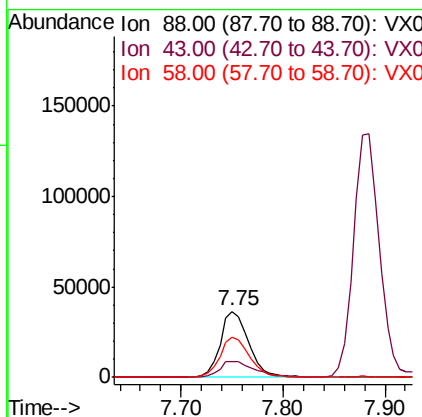
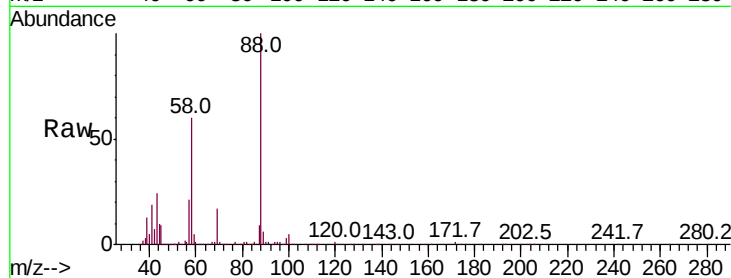
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.2	34.8
58	62.7	51.4	77.0

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#50

Toluene-d8

Concen: 48.704 ug/l

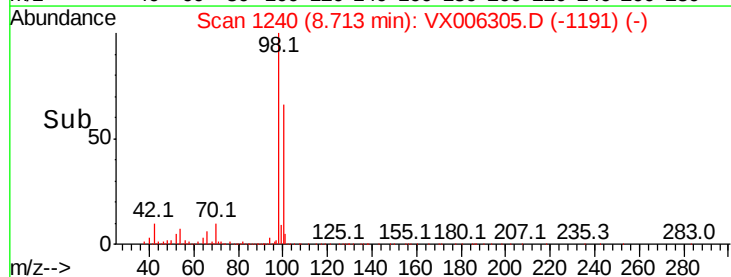
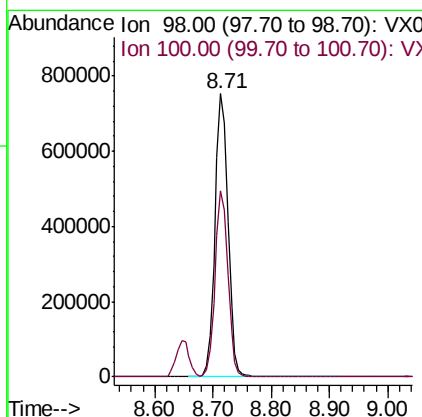
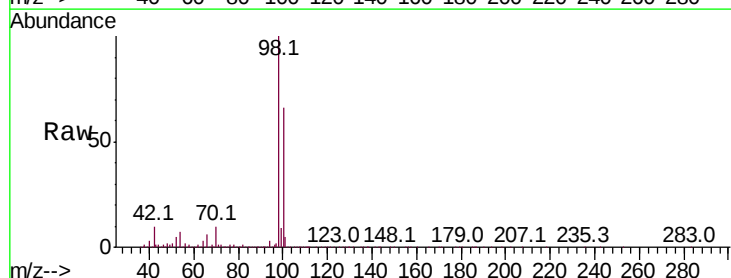
RT: 8.71 min Scan# 1240

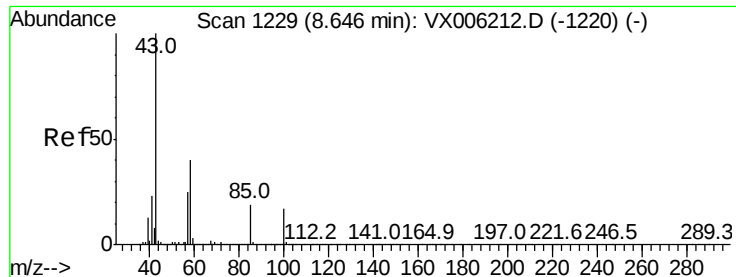
Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





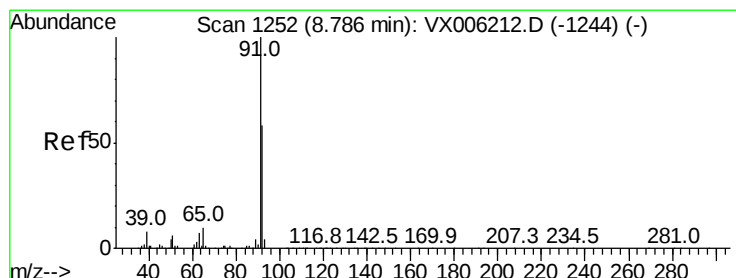
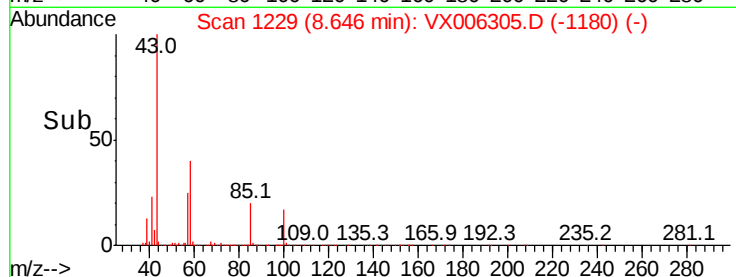
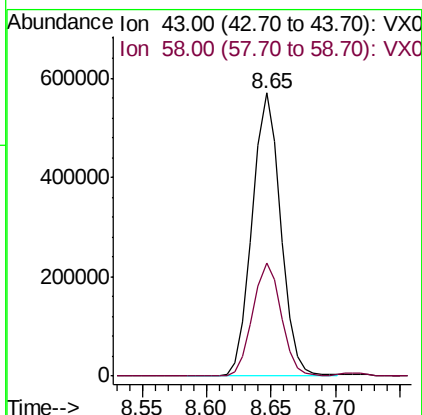
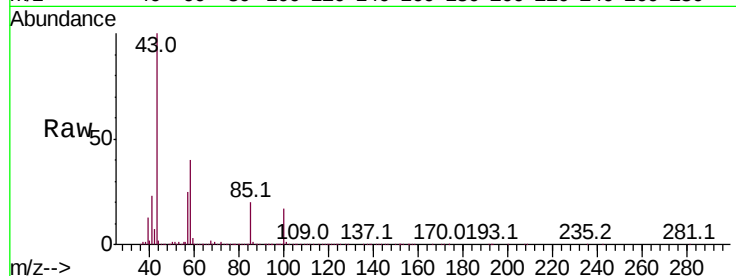
#51
4-Methyl-2-Pentanone
Concen: 93.995 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.3	46.9

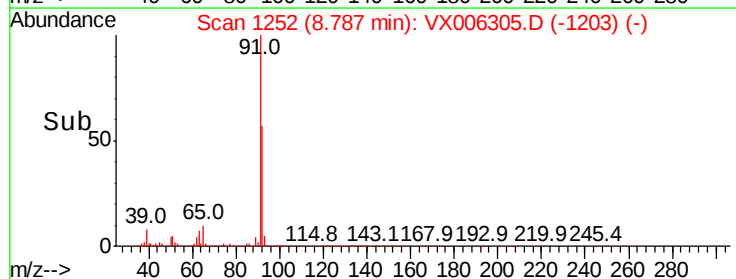
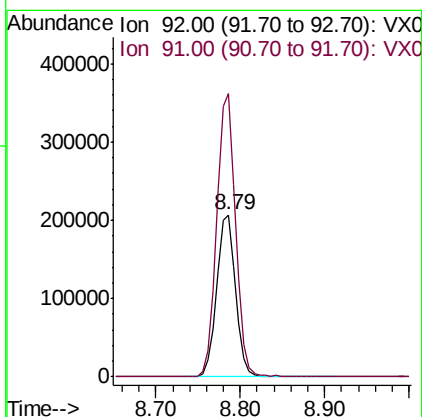
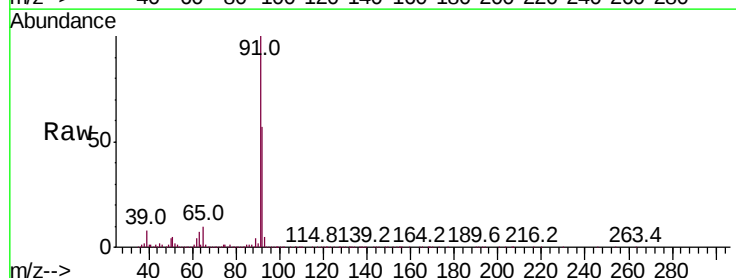
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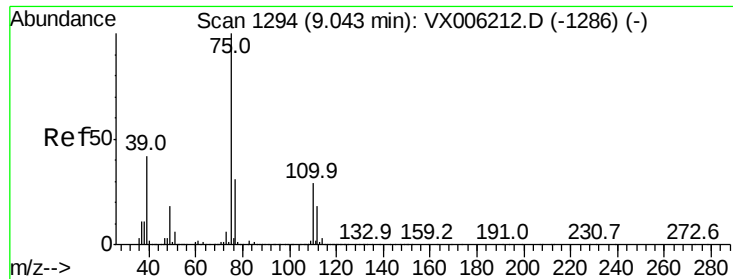
MMDadoda
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#52
Toluene
Concen: 19.258 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.1	139.2	208.8





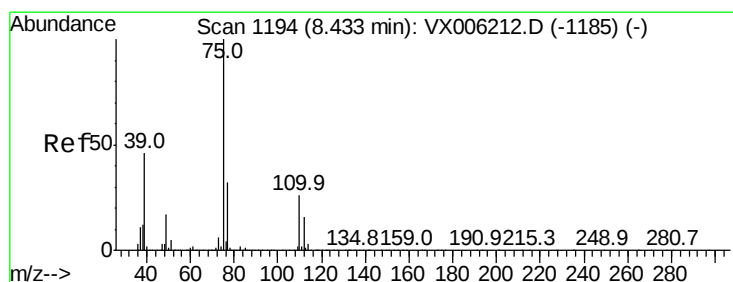
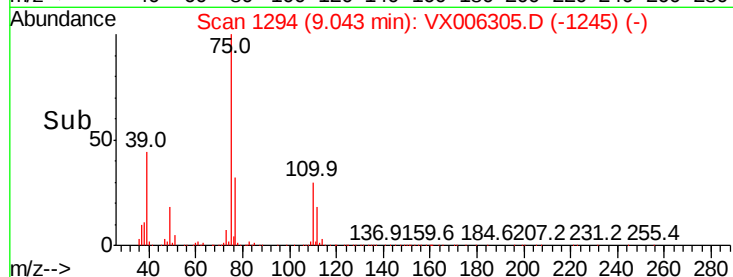
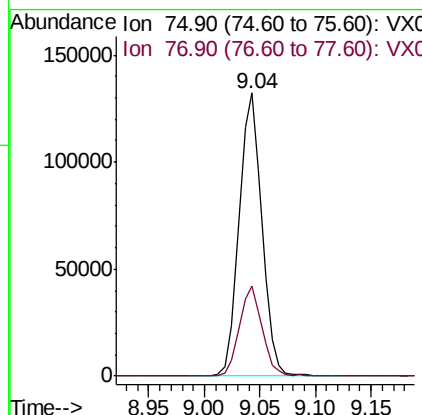
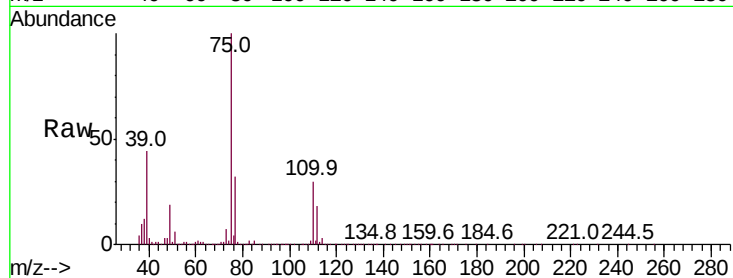
#53
t-1,3-Dichloropropene
Concen: 17.747 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.4

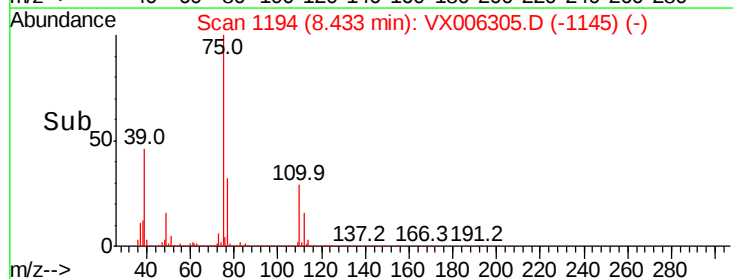
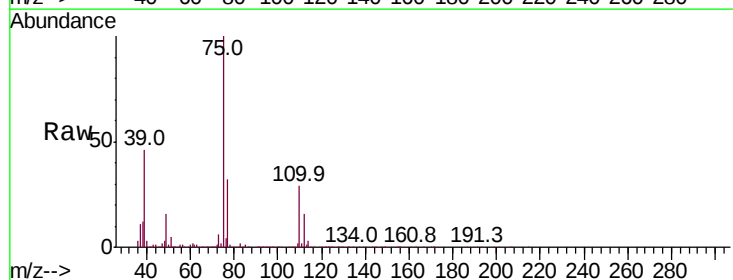
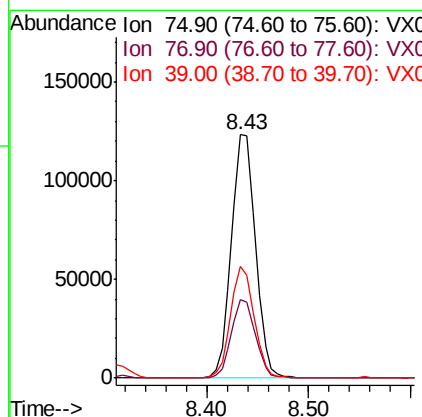
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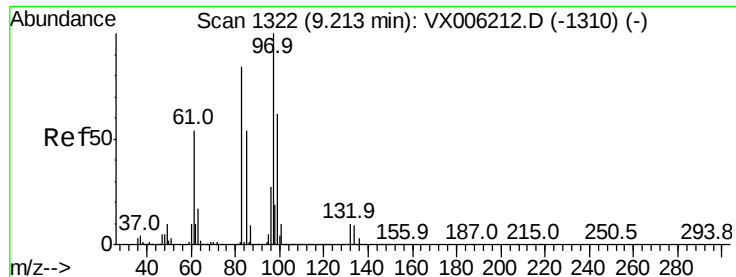
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.260 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.6	38.4
39	45.6	36.5	54.7





#55

1,1,2-Trichloroethane

Concen: 19.803 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 97 Resp: 134483

Ion Ratio Lower Upper

97 100

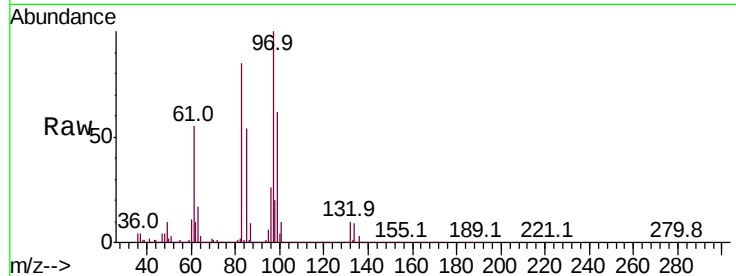
83 84.7 67.1 100.7

85 54.0 43.2 64.8

99 62.5 49.8 74.6

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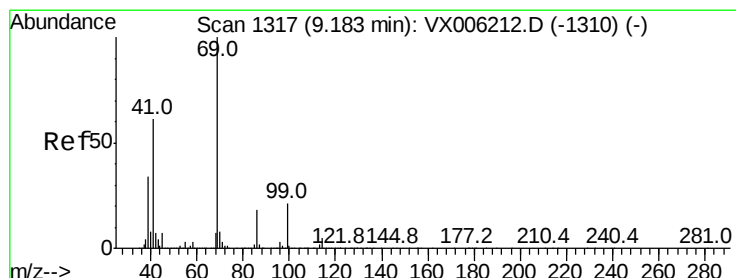
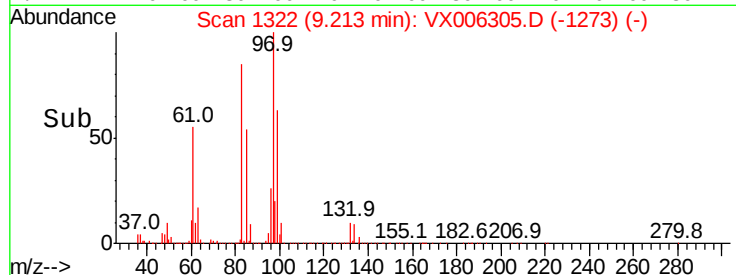
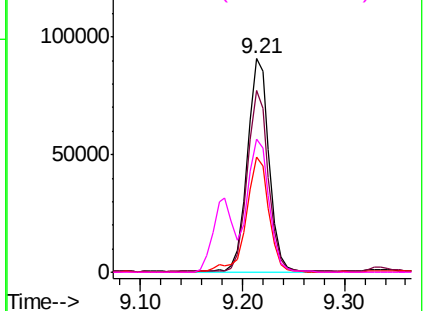


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.301 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

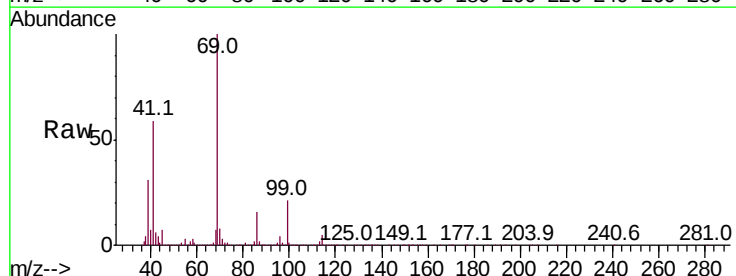
Tgt Ion: 69 Resp: 204911

Ion Ratio Lower Upper

69 100

41 61.8 50.6 76.0

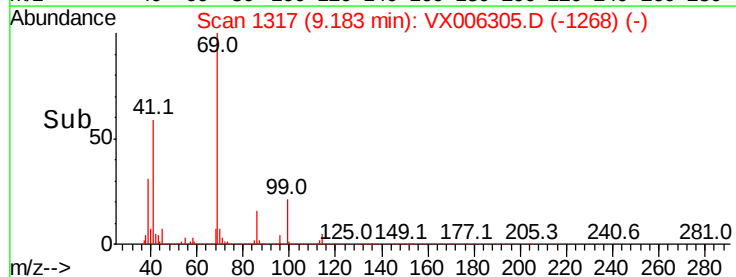
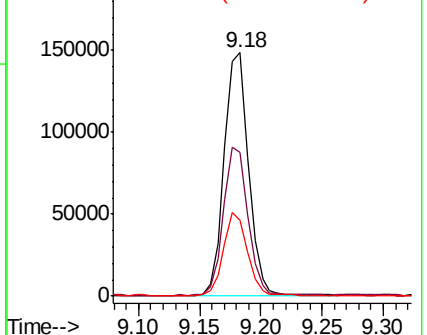
39 33.6 27.6 41.4

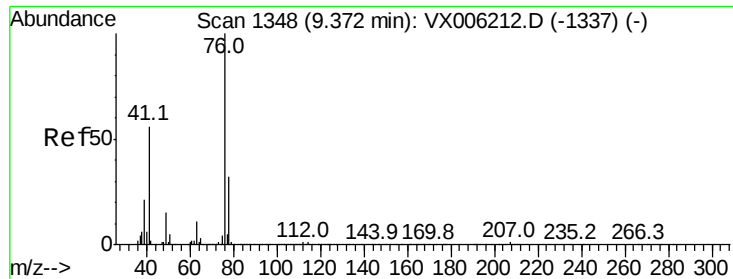


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.689 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 76 Resp: 211431

Ion Ratio Lower Upper

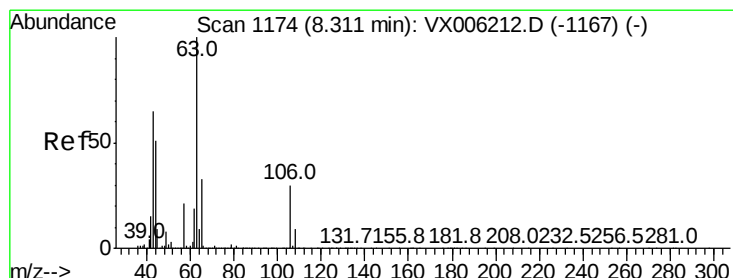
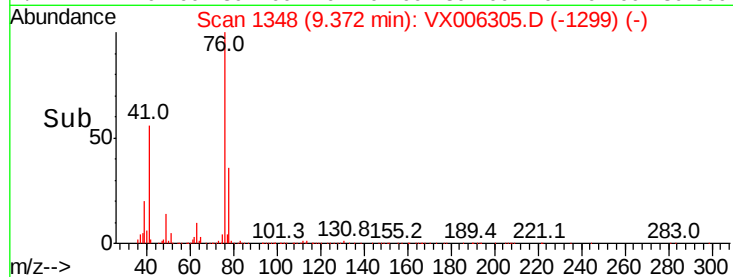
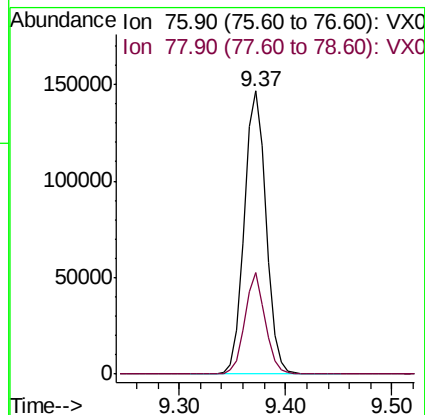
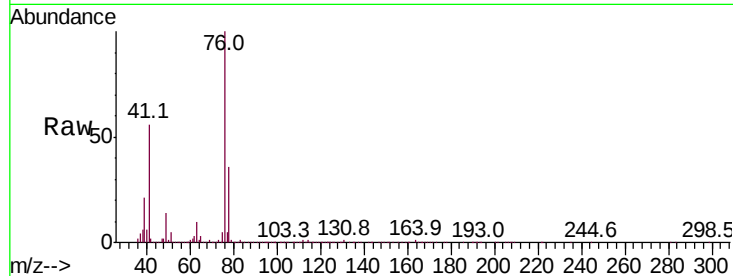
76 100

78 33.3 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 96.393 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006305.D

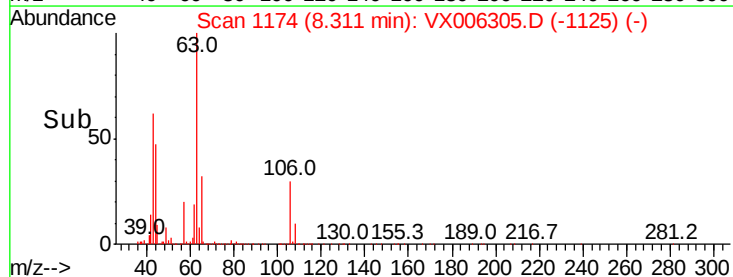
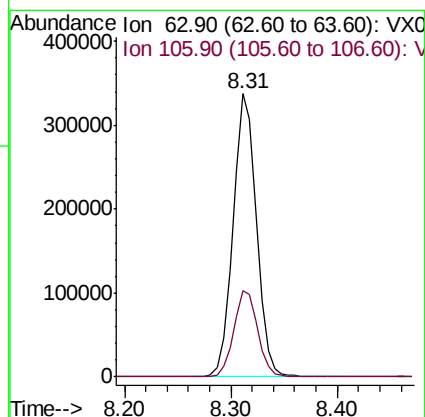
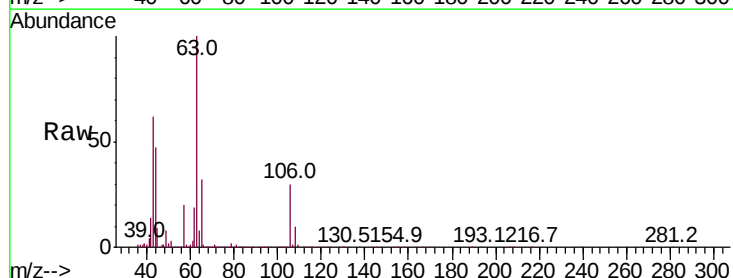
Acq: 05 Dec 2018 17:18

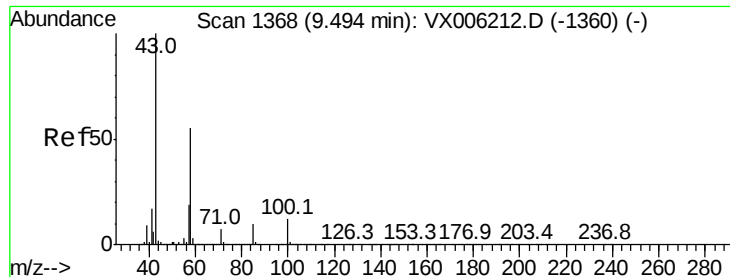
Tgt Ion: 63 Resp: 519314

Ion Ratio Lower Upper

63 100

106 31.3 24.9 37.3





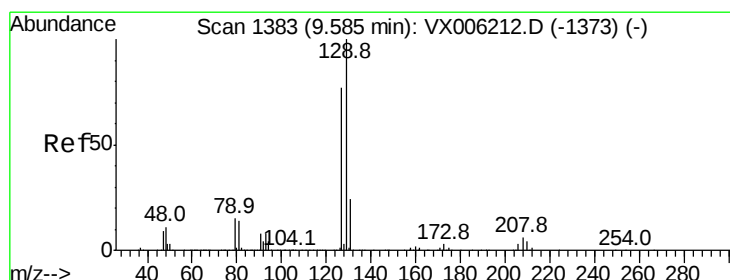
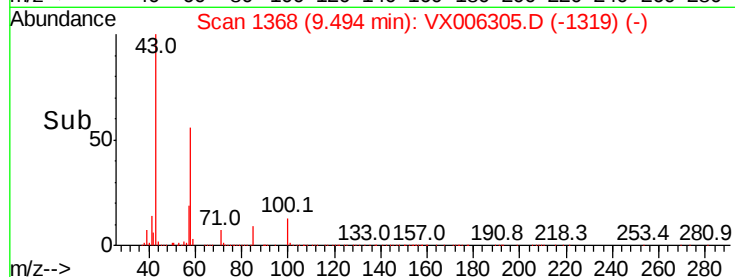
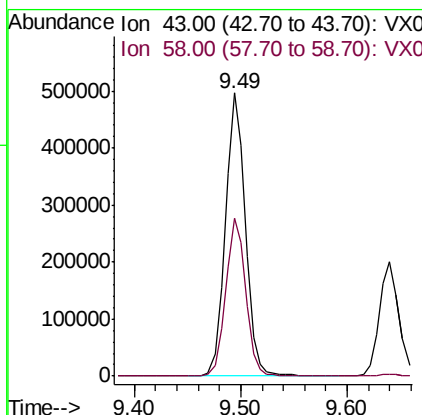
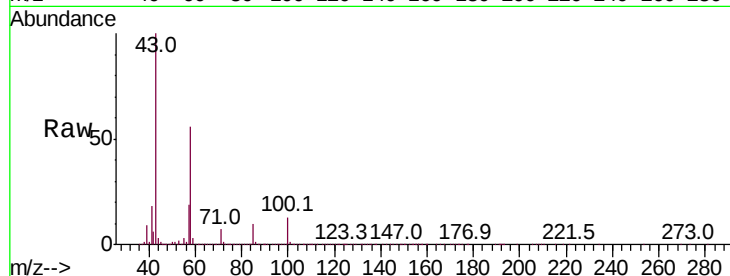
#59
2-Hexanone
Concen: 92.318 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion: 43 Resp: 650375
Ion Ratio Lower Upper
43 100
58 56.0 27.7 83.1

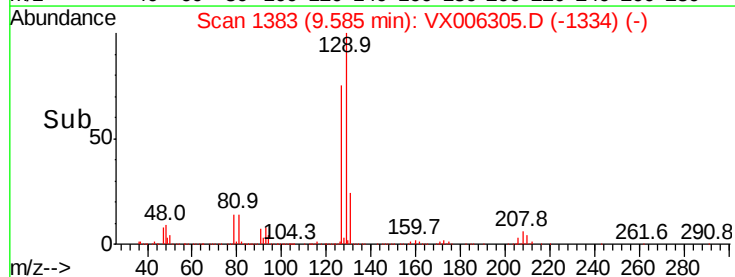
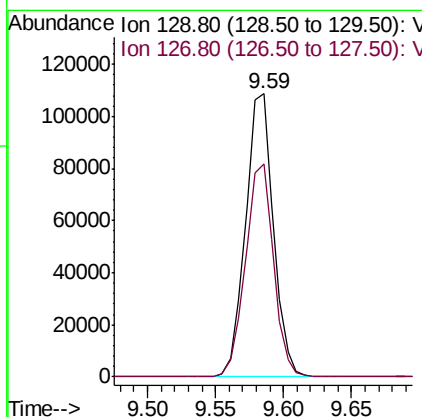
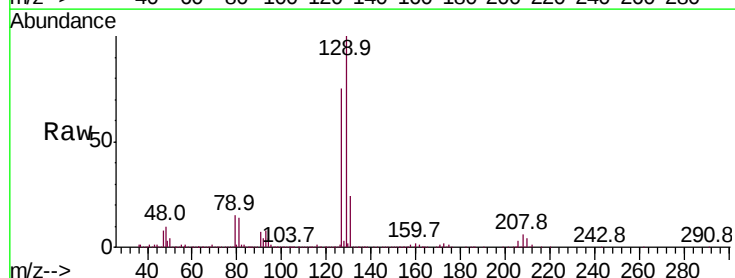
Manual Integrations
APPROVED

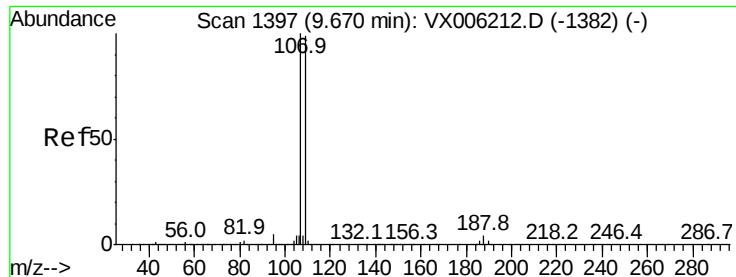
MMDadoda
12/7/2018 10:42:06 AM



#60
Dibromochloromethane
Concen: 18.711 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion: 129 Resp: 156689
Ion Ratio Lower Upper
129 100
127 75.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.175 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 107 Resp: 145608

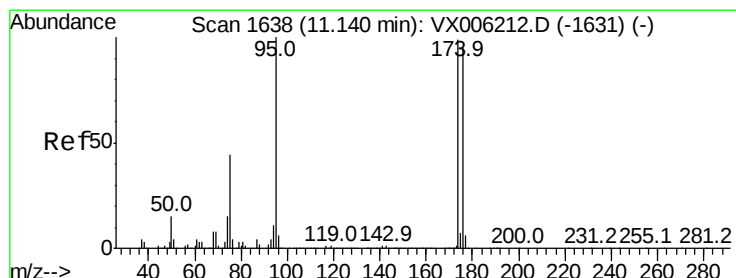
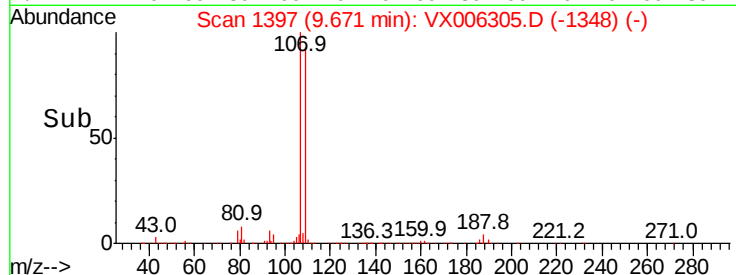
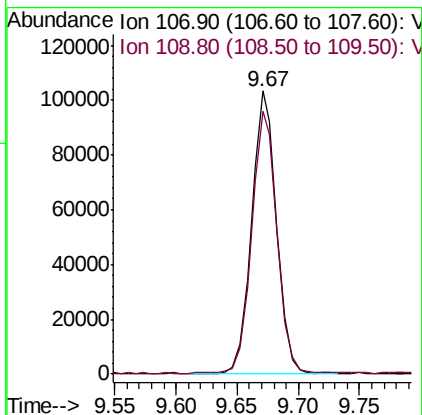
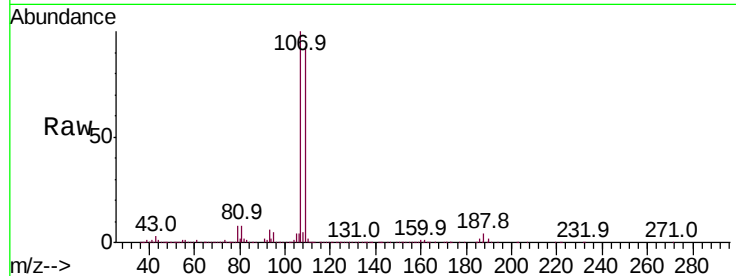
Ion Ratio Lower Upper

107 100

109 94.0 76.3 114.5

Manual Integrations
APPROVED

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#62

4-Bromofluorobenzene

Concen: 47.132 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

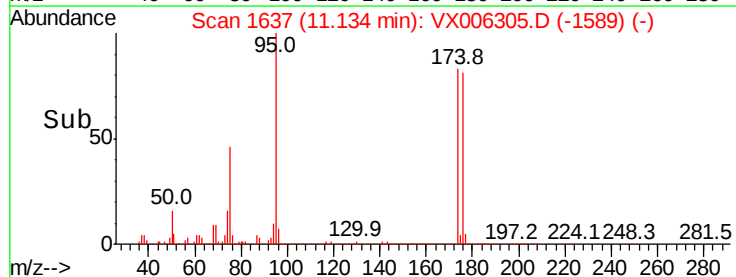
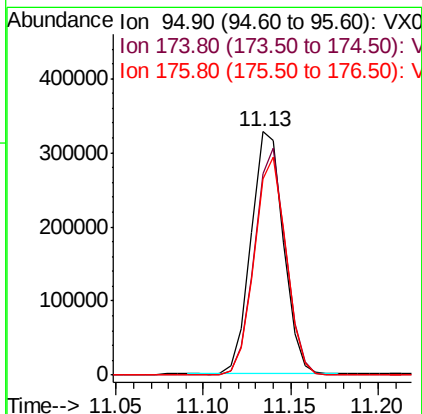
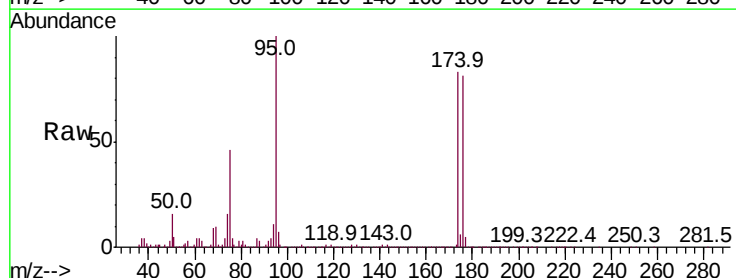
Tgt Ion: 95 Resp: 421385

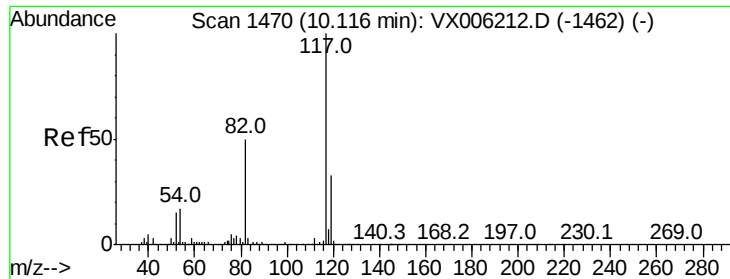
Ion Ratio Lower Upper

95 100

174 90.3 0.0 187.0

176 88.5 0.0 181.8





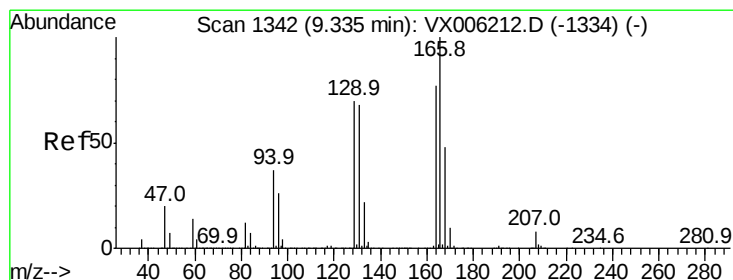
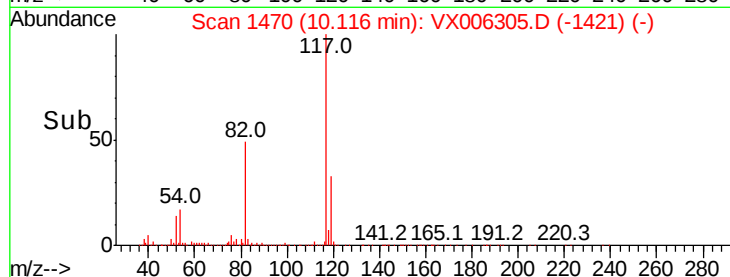
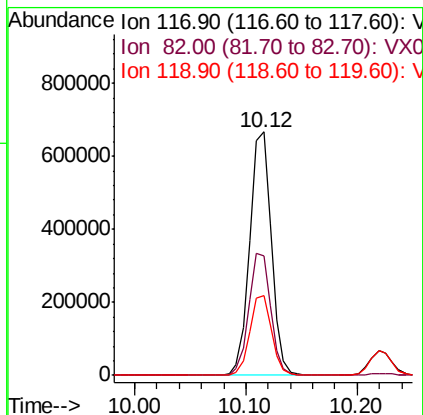
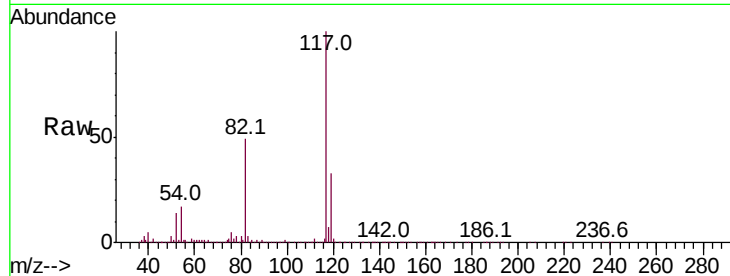
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	902312		
82	49.0		39.6	59.4
119	32.7		26.3	39.5

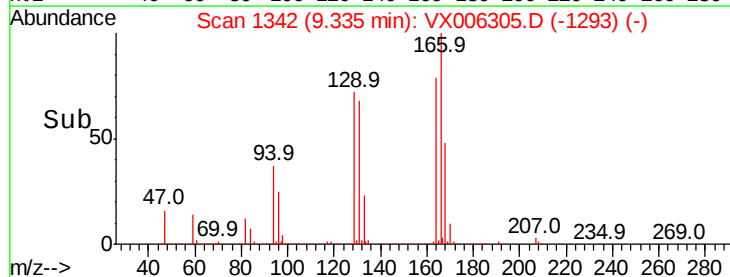
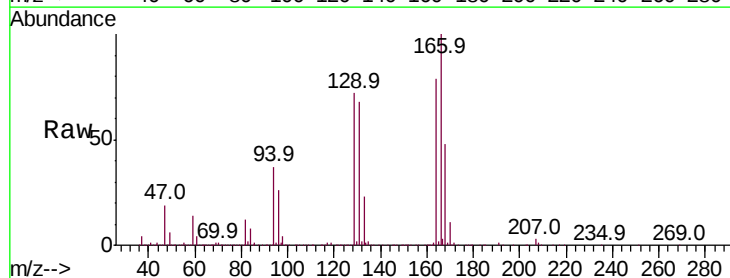
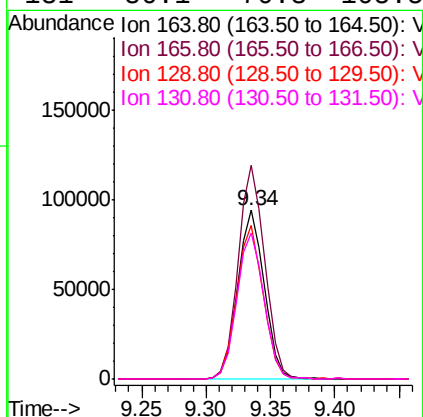
Manual Integrations
APPROVED

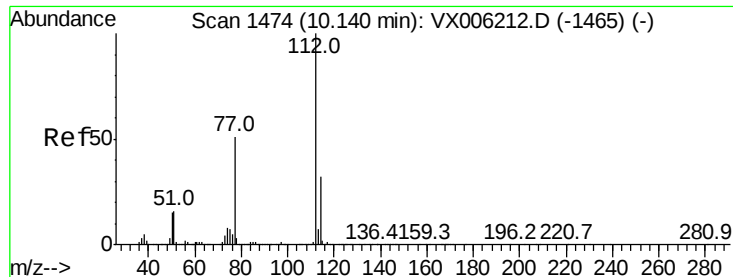
MMDadoda
12/7/2018 10:42:06 AM



#64
Tetrachloroethene
Concen: 19.867 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	135001		
166	126.3		104.2	156.2
129	90.7		72.6	108.8
131	86.1		70.3	105.5





#65

Chlorobenzene

Concen: 19.512 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion:112 Resp: 373728

Ion Ratio Lower Upper

112 100

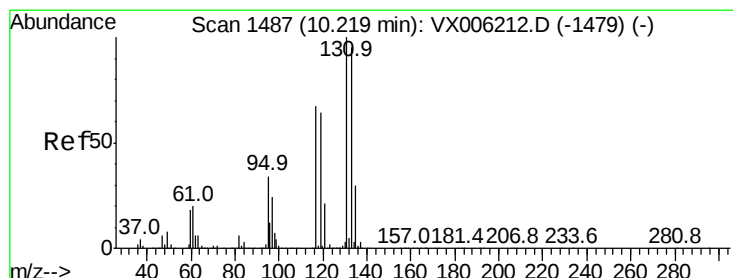
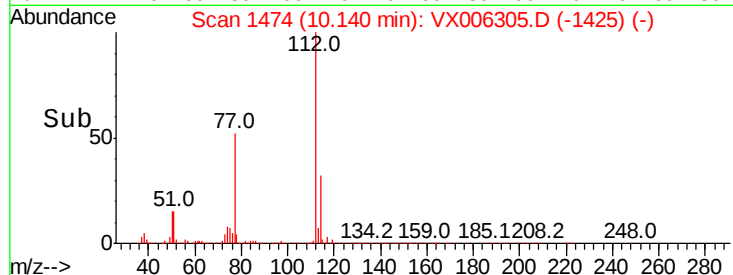
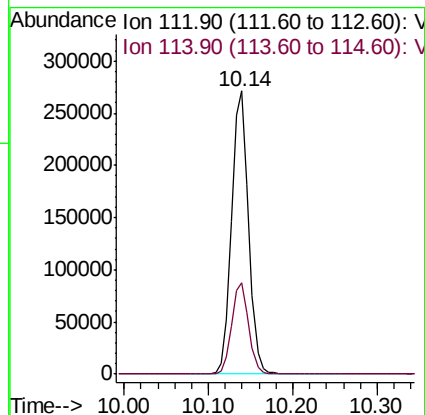
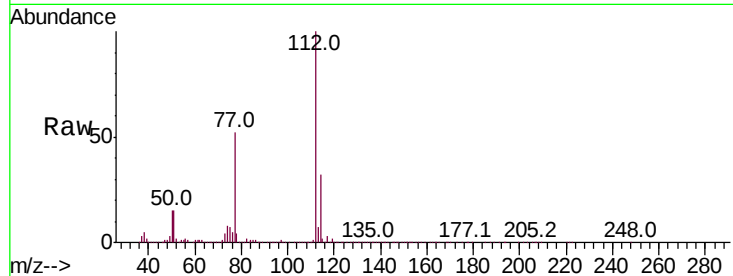
114 32.2 25.4 38.2

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.082 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

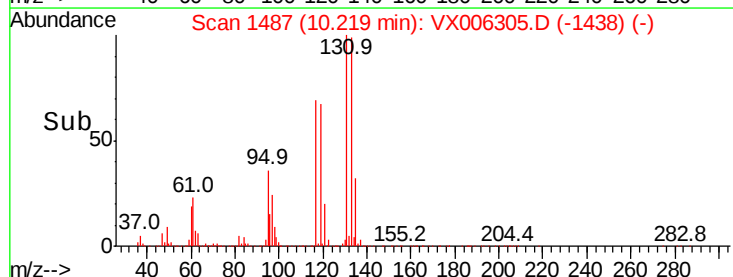
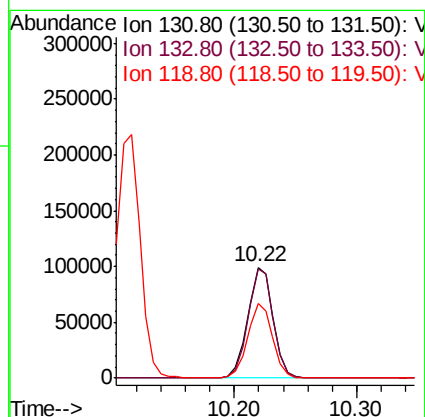
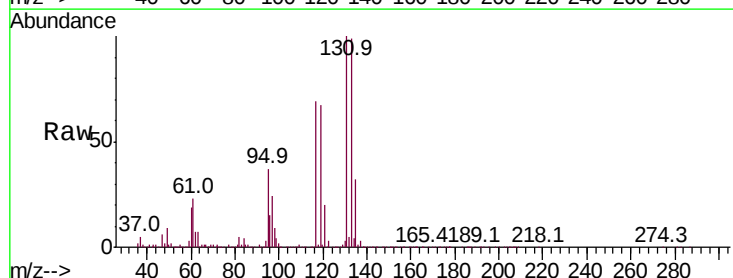
Tgt Ion:131 Resp: 142008

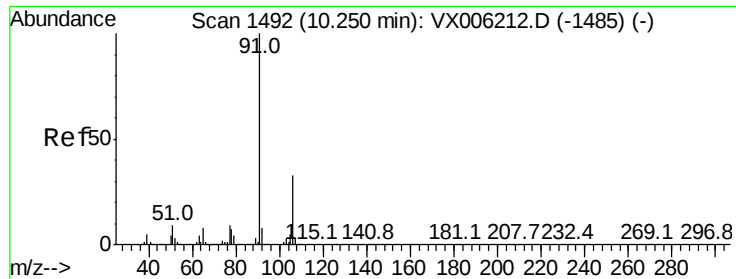
Ion Ratio Lower Upper

131 100

133 96.8 48.1 144.4

119 65.1 32.1 96.3





#67

Ethyl Benzene

Concen: 19.346 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 91 Resp: 616312

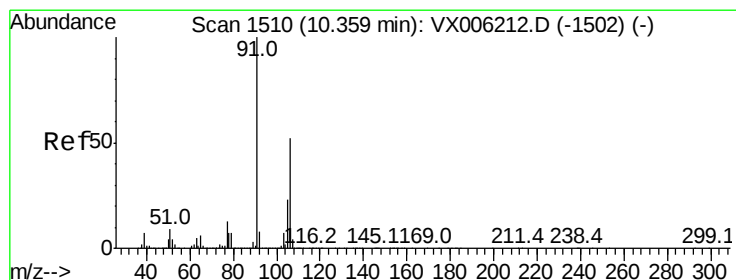
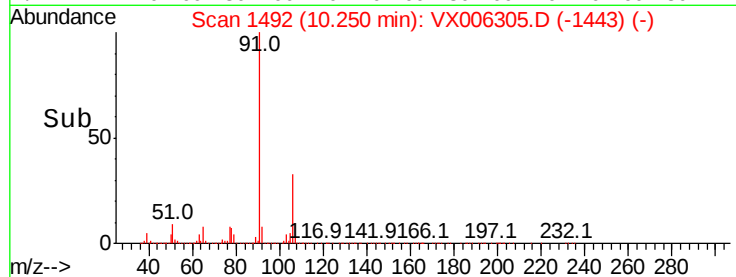
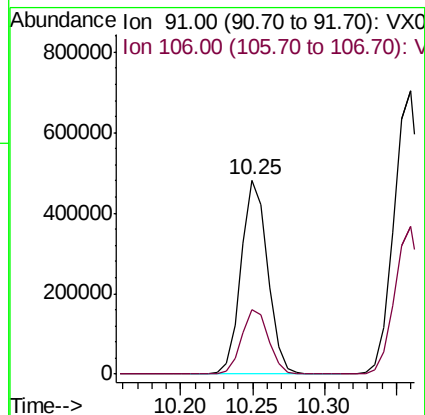
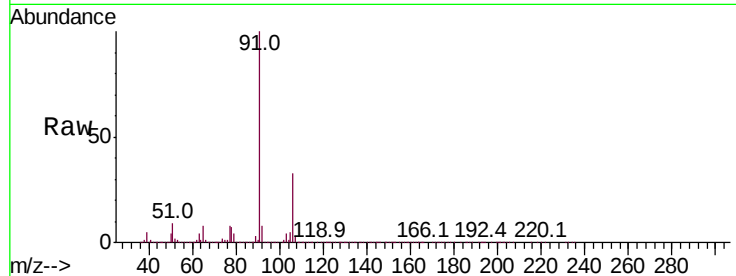
Ion Ratio Lower Upper

91 100

106 33.1 26.5 39.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.362 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006305.D

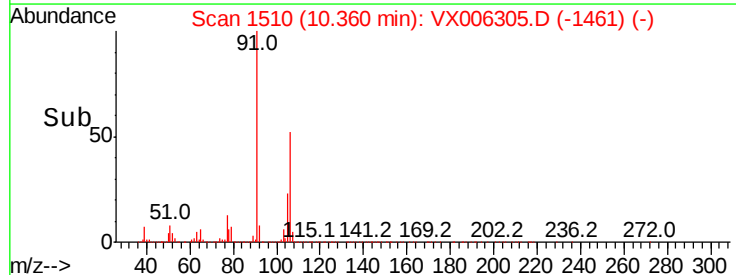
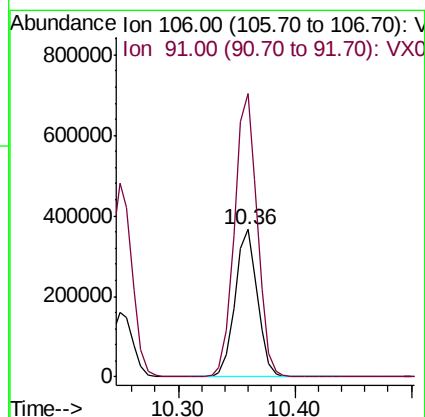
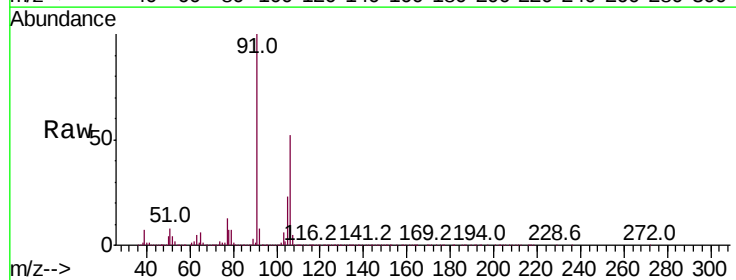
Acq: 05 Dec 2018 17:18

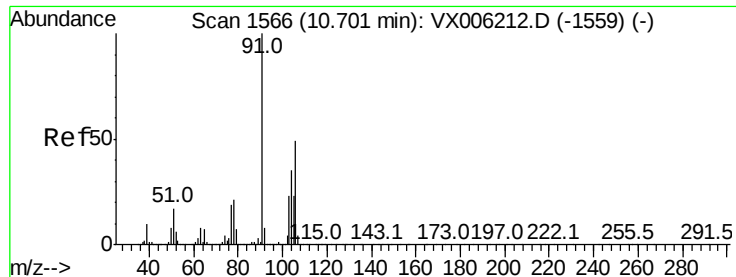
Tgt Ion: 106 Resp: 489541

Ion Ratio Lower Upper

106 100

91 195.4 155.2 232.8





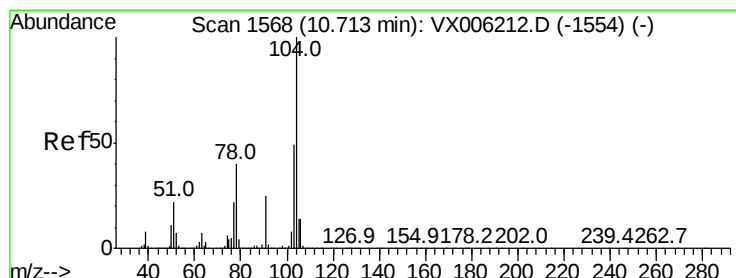
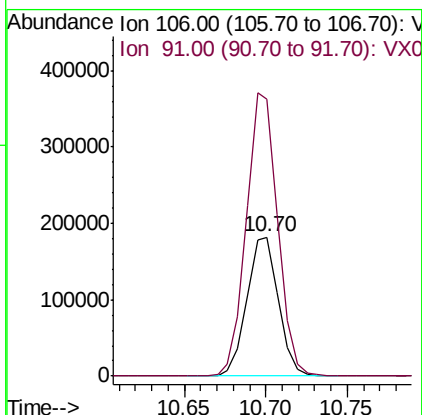
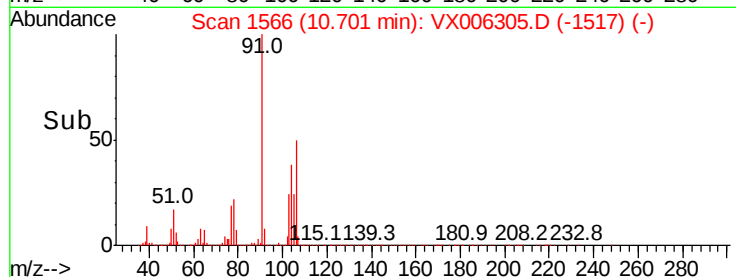
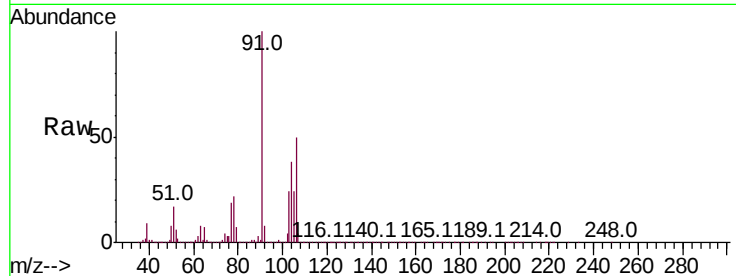
#69
o-Xylene
Concen: 19.365 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.0	101.8	305.6

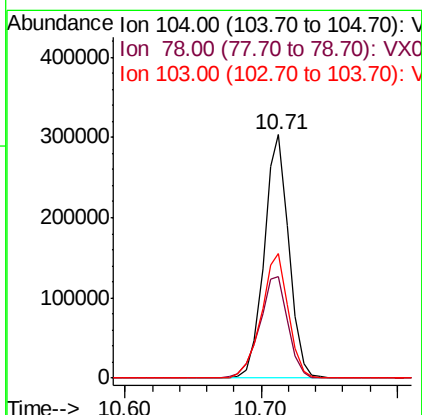
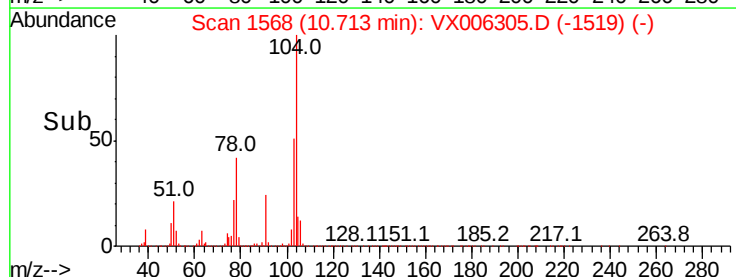
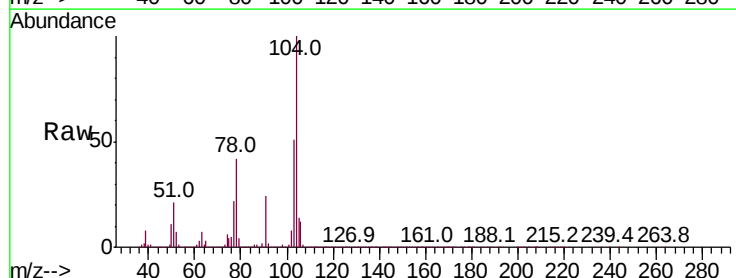
Manual Integrations
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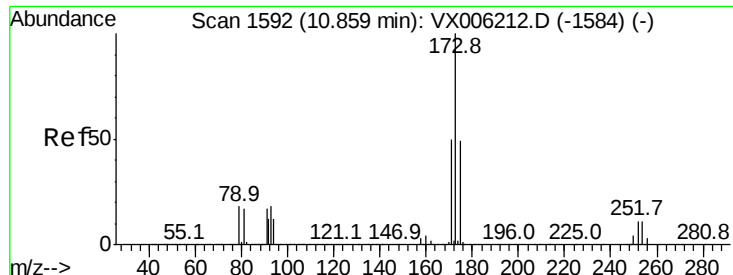
MMDadoda
12/7/2018 10:42:06 AM



#70
Styrene
Concen: 18.928 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	37.2	55.8
103	56.1	43.5	65.3





#71

Bromoform

Concen: 16.703 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

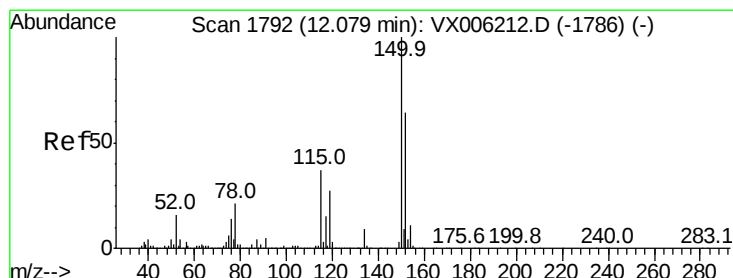
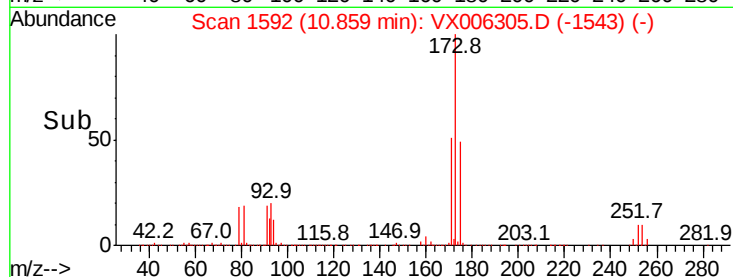
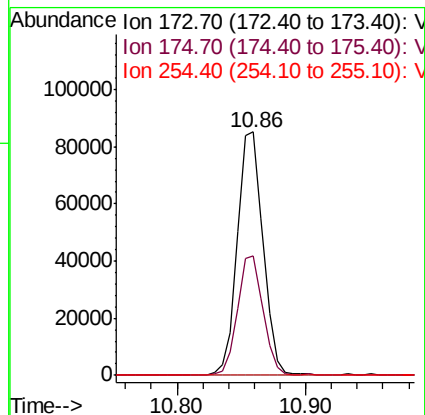
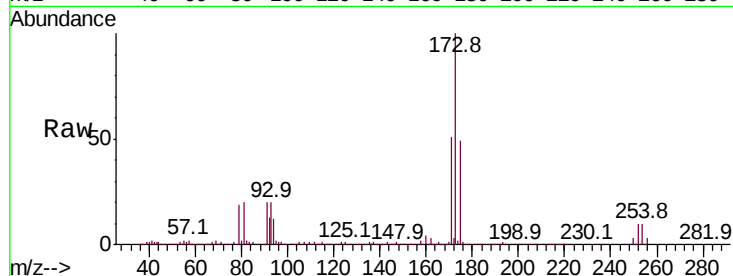
ClientSampleId :

VX1205WBSD01

Tot Ion:	173	Resp:	117342
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.6	73.8
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

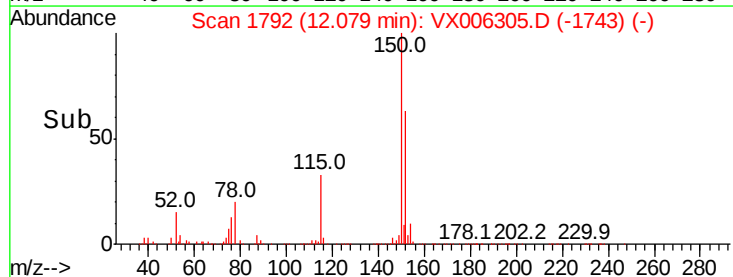
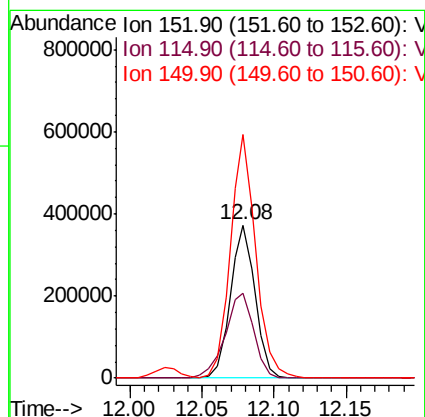
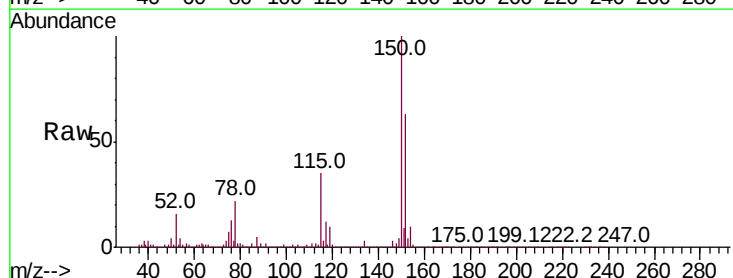
RT: 12.08 min Scan# 1792

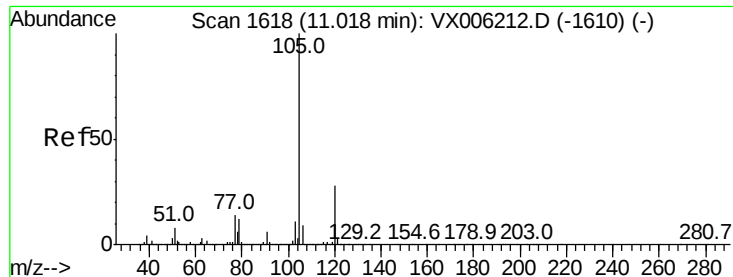
Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion:	152	Resp:	447740
Ion Ratio	Lower	Upper	
152	100		
115	64.2	39.0	116.9
150	163.0	0.0	345.8





#73

Isopropylbenzene

Concen: 20.763 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion:105 Resp: 642014

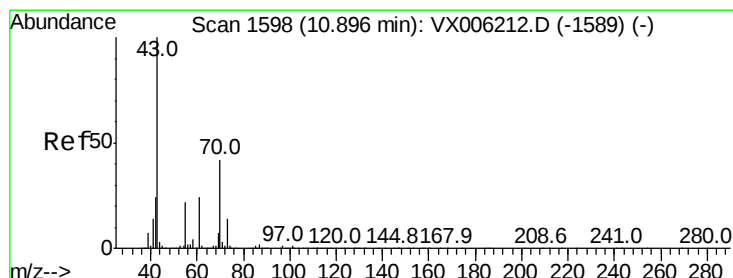
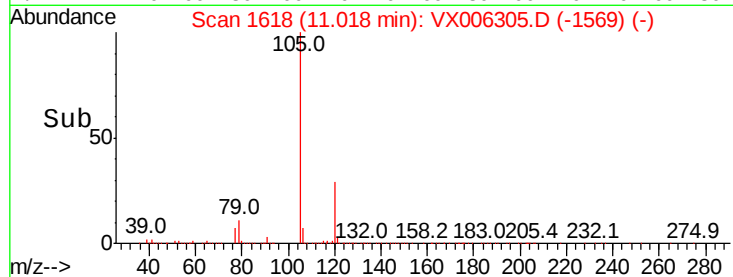
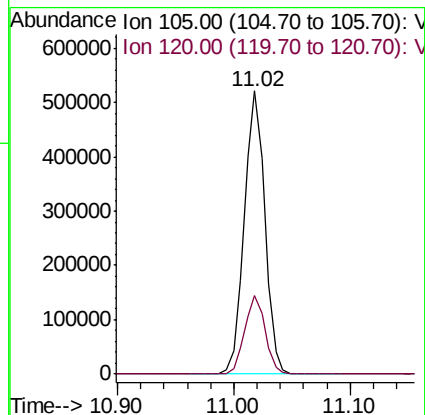
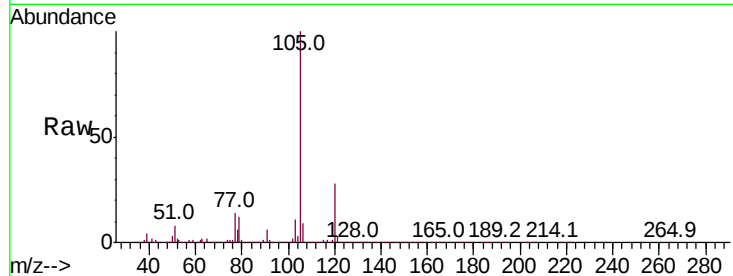
Ion Ratio Lower Upper

105 100

120 27.9 14.1 42.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.168 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion: 43 Resp: 255222

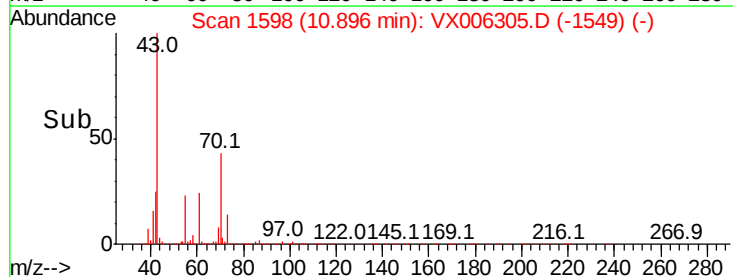
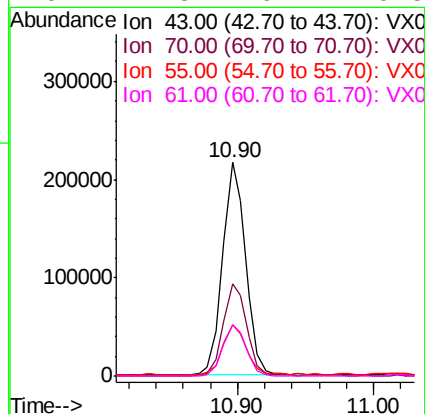
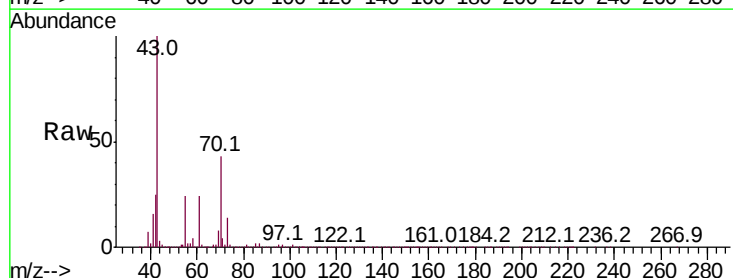
Ion Ratio Lower Upper

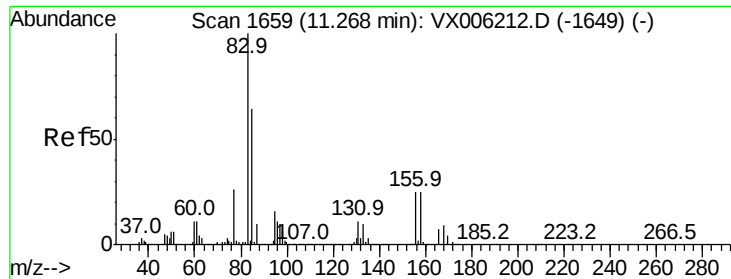
43 100

70 43.9 34.1 51.1

55 23.5 17.8 26.8

61 24.3 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.132 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

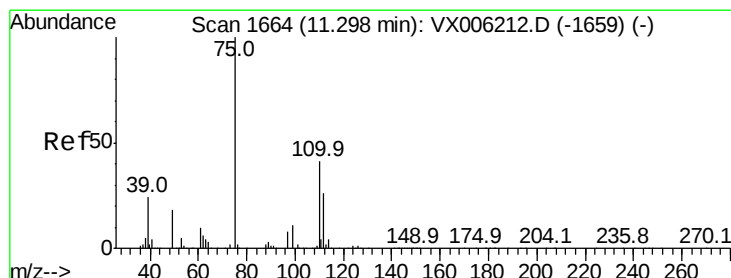
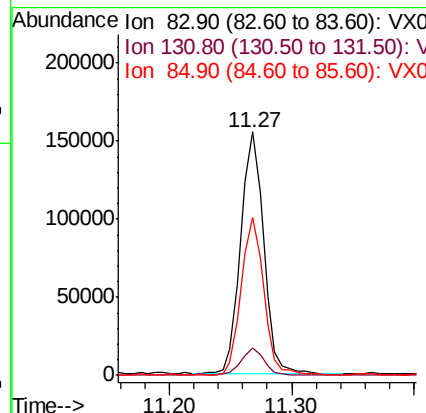
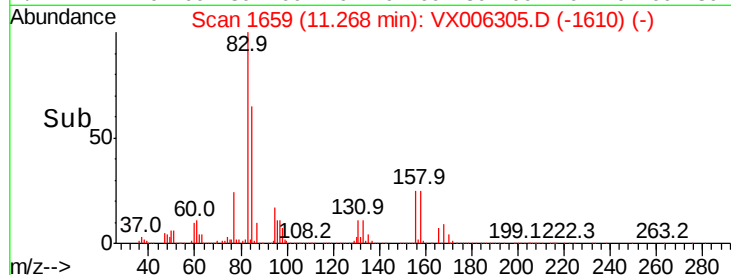
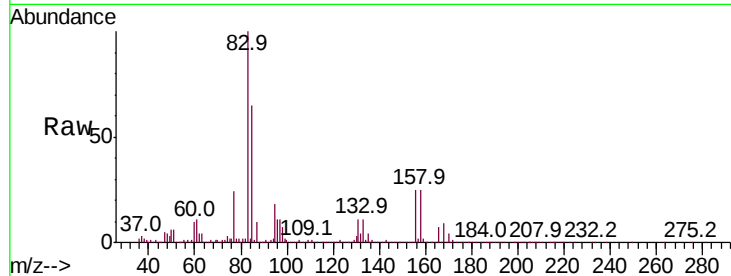
ClientSampleId :

VX1205WBSD01

Tot Ion:	83	Resp:	199143
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.1
85	64.1	32.1	96.5

Manual Integrations
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12/7/2018 10:42:06 AM



#76

1,2,3-Trichloropropane

Concen: 21.934 ug/l m

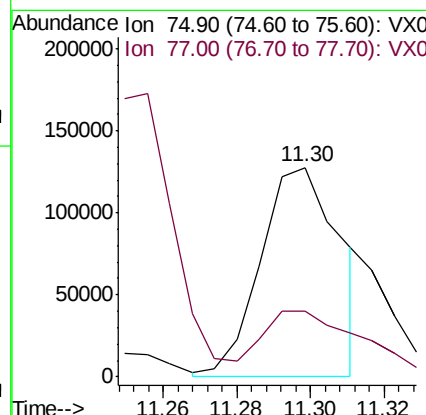
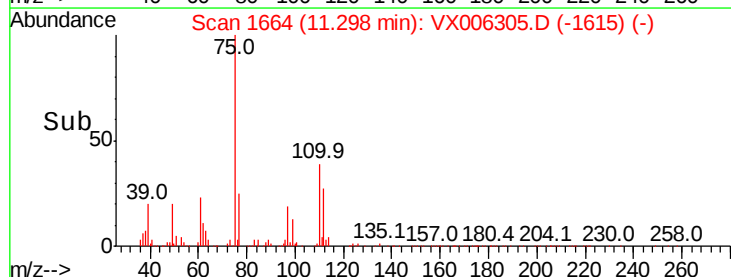
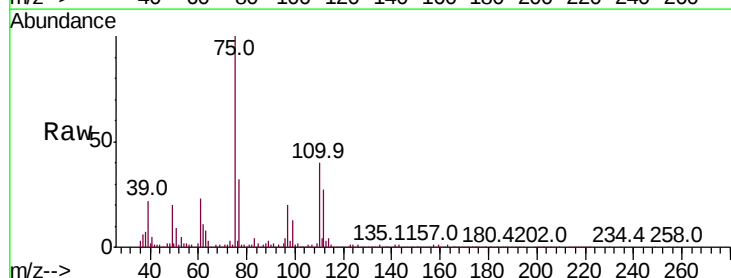
RT: 11.30 min Scan# 1664

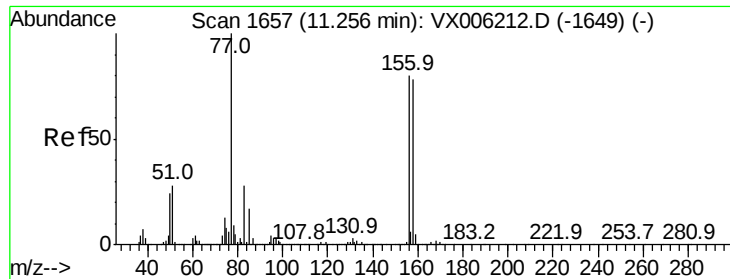
Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion:	75	Resp:	189555
Ion Ratio	Lower	Upper	
75	100		
77	38.7	19.9	59.7





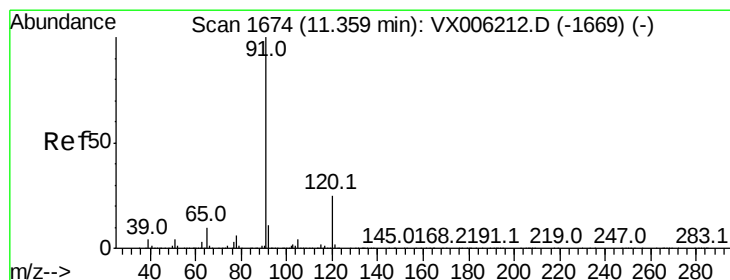
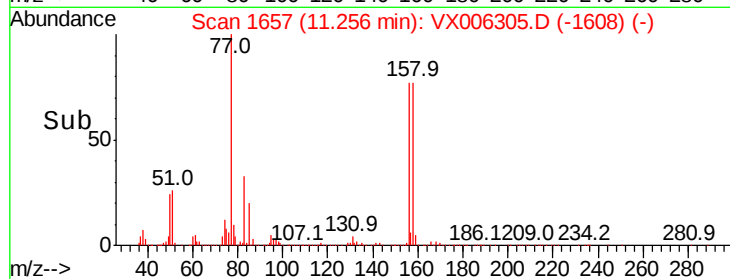
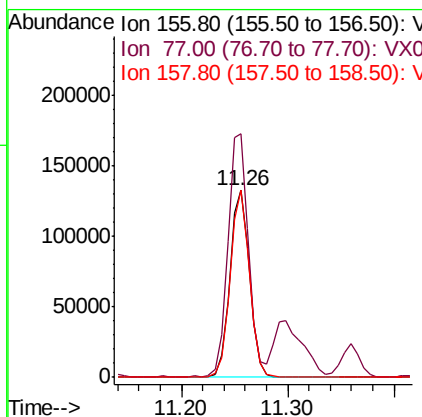
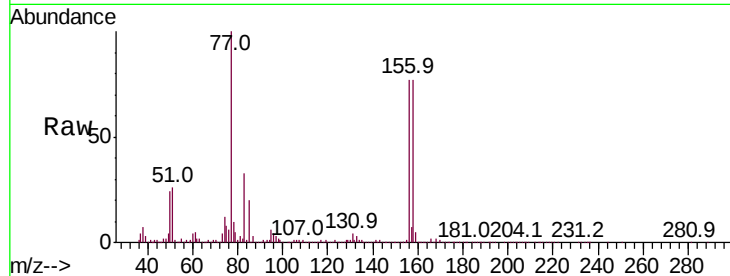
#77
Bromobenzene
Concen: 19.974 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.9	66.2	198.6
158	97.2	48.8	146.4

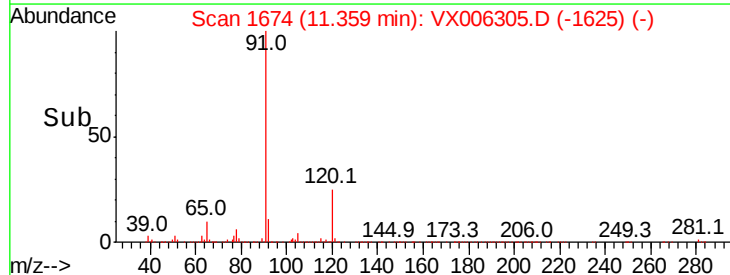
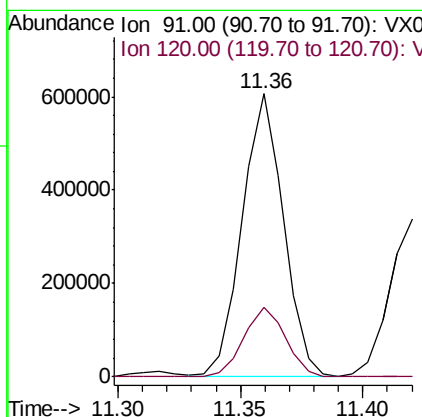
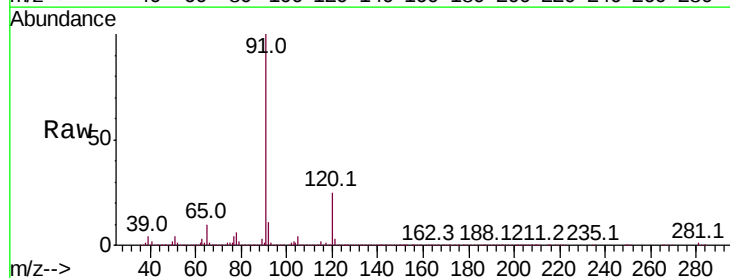
Manual Integrations
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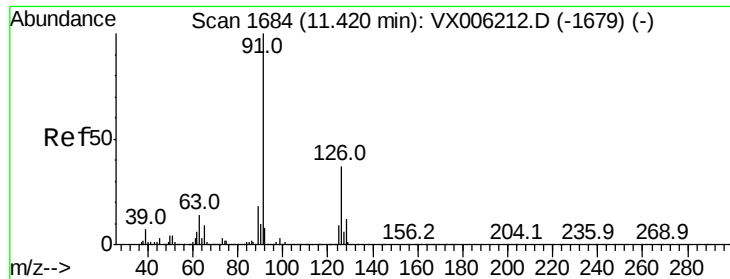
MMDadoda
12/7/2018 10:42:06 AM



#78
n-propylbenzene
Concen: 20.463 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.2	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.357 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampled :

VX1205WBSD01

Tot Ion: 91 Resp: 415861

Ion Ratio Lower Upper

91 100

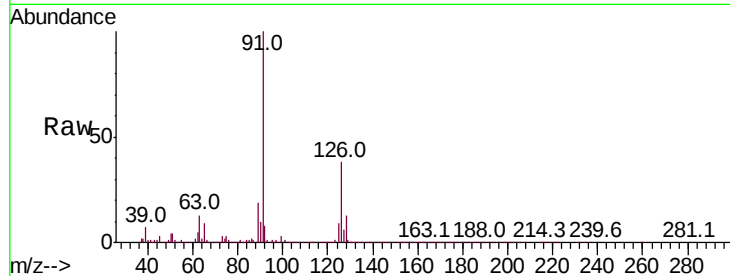
126 37.5 18.6 56.0

Manual Integrations

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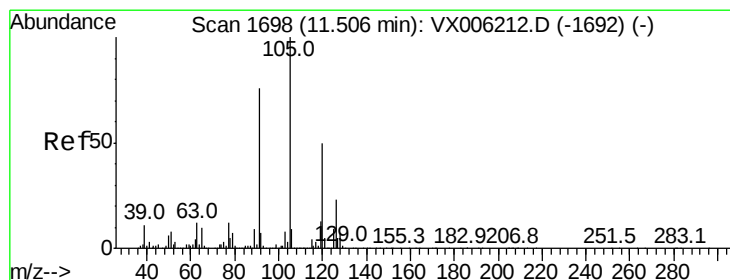
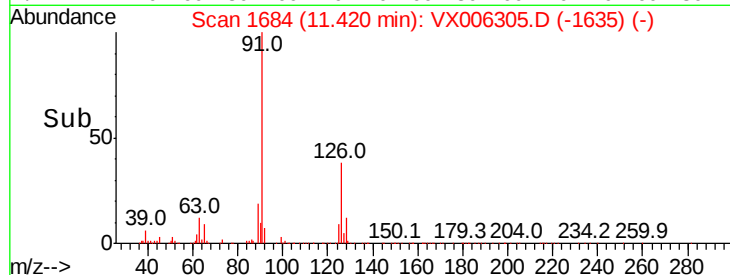
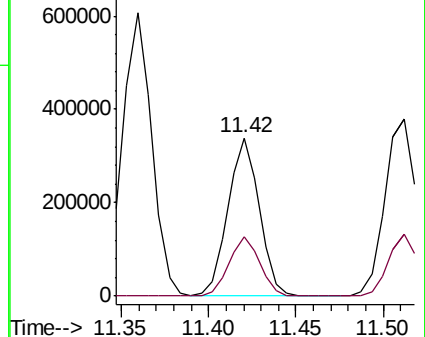
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Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006212.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.529 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006305.D

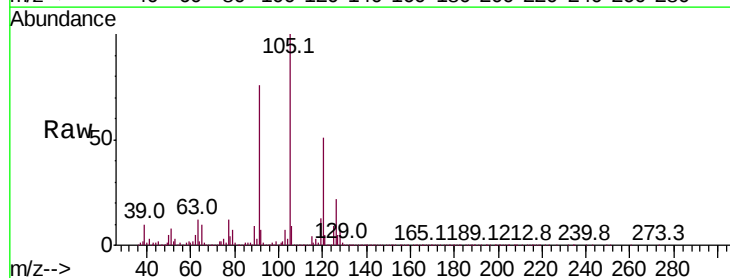
Acq: 05 Dec 2018 17:18

Tgt Ion: 105 Resp: 528130

Ion Ratio Lower Upper

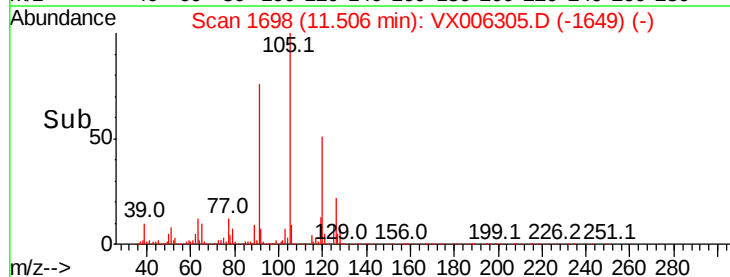
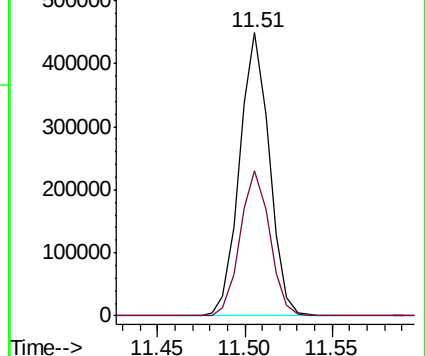
105 100

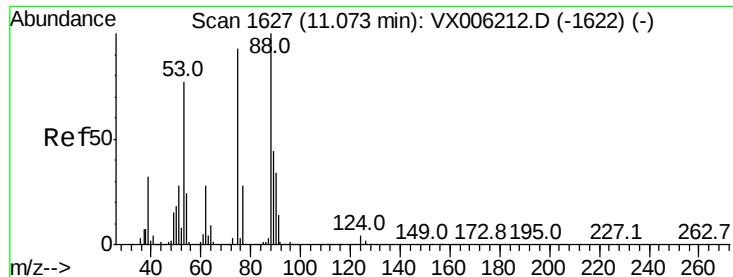
120 51.1 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006212.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006212.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.090 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

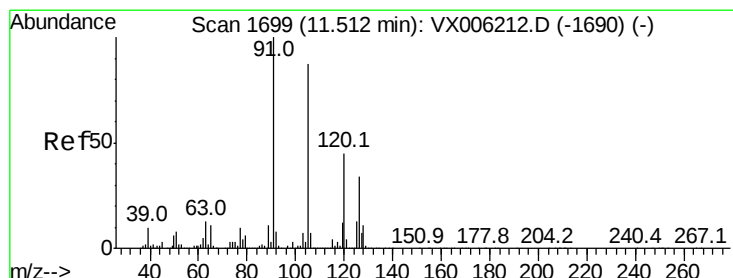
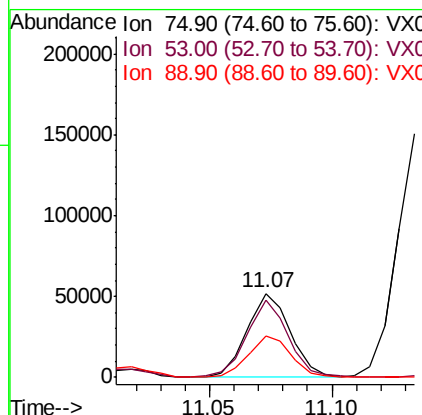
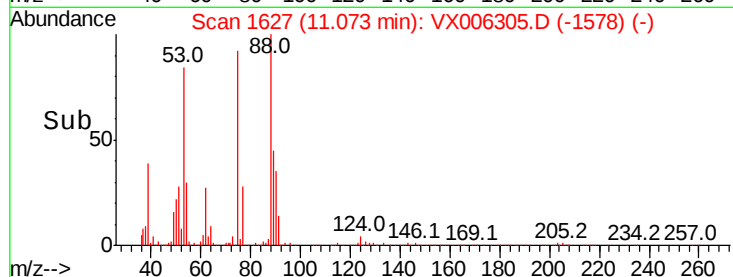
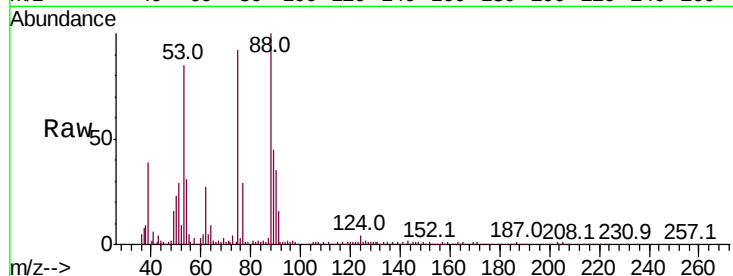
ClientSampleId :

VX1205WBSD01

Tot Ion:	75	Resp:	62937
Ion Ratio	Lower	Upper	
75	100		
53	87.4	64.4	96.6
89	49.4	44.2	66.4

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#82

4-Chlorotoluene

Concen: 19.961 ug/l

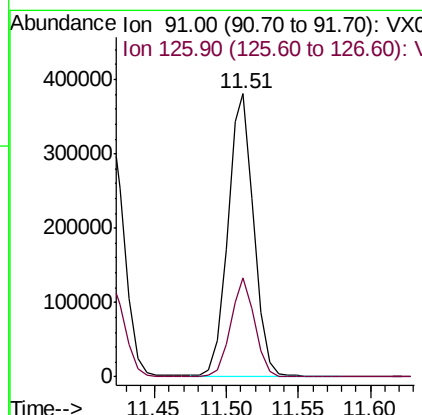
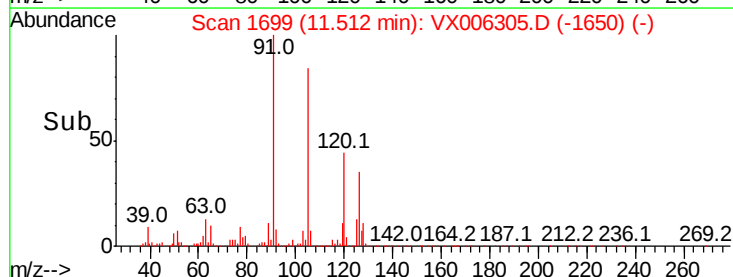
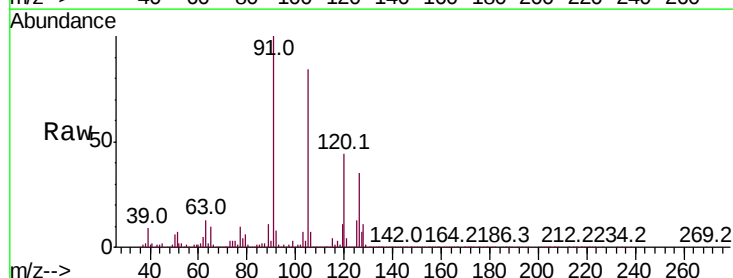
RT: 11.51 min Scan# 1699

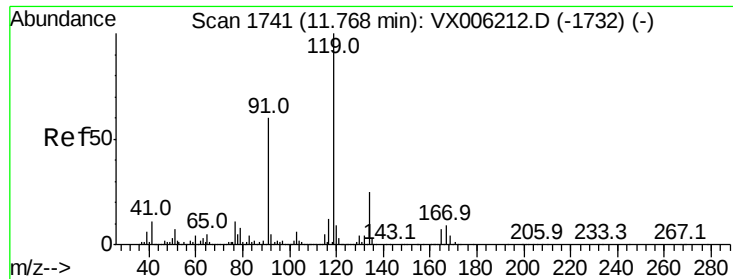
Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion:	91	Resp:	474117
Ion Ratio	Lower	Upper	
91	100		
126	33.0	16.4	49.4





#83

tert-Butylbenzene

Concen: 20.475 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

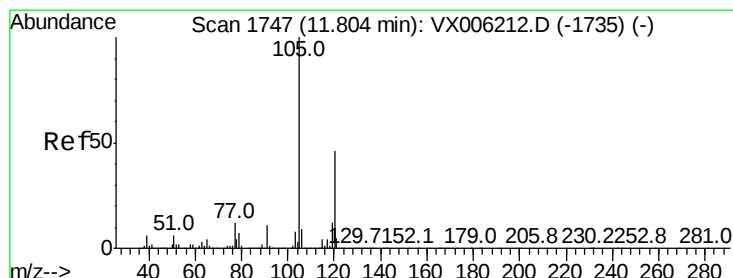
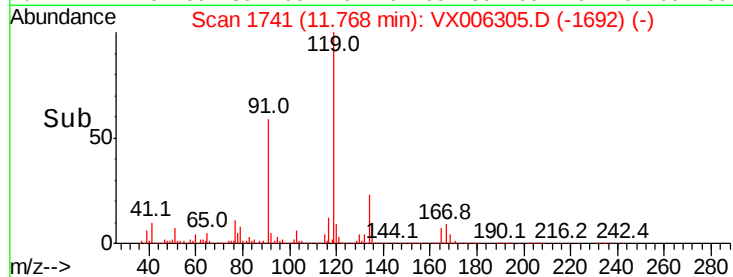
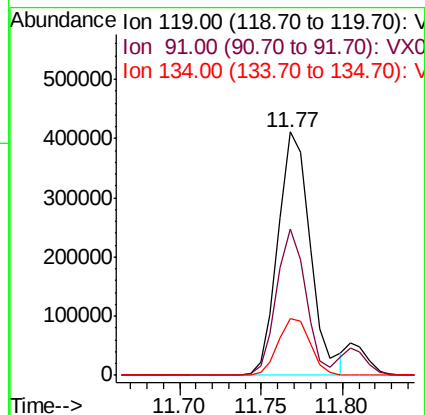
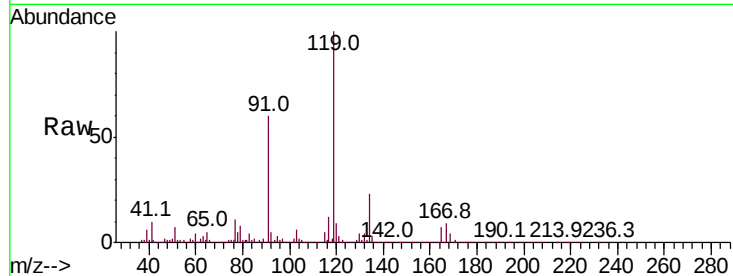
ClientSampleID :

VX1205WBSD01

Tot Ion:	119	Resp:	562014
Ion Ratio	Lower	Upper	
119	100		
91	54.1	26.4	79.2
134	23.0	11.6	34.7

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#84

1,2,4-Trimethylbenzene

Concen: 20.406 ug/l

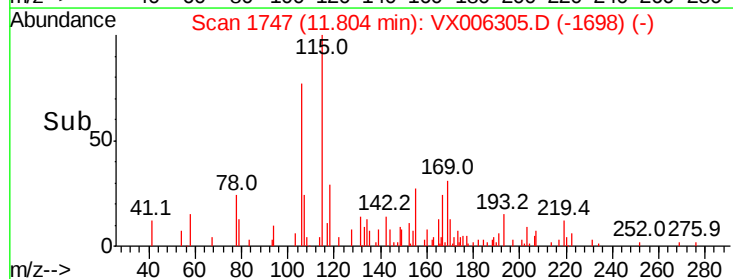
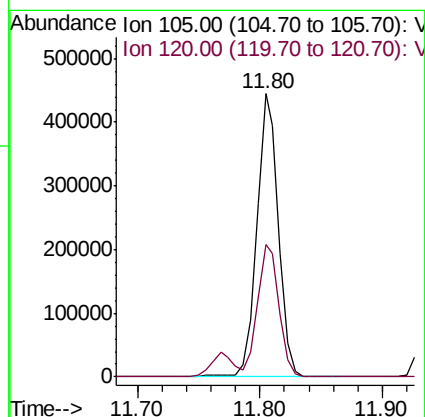
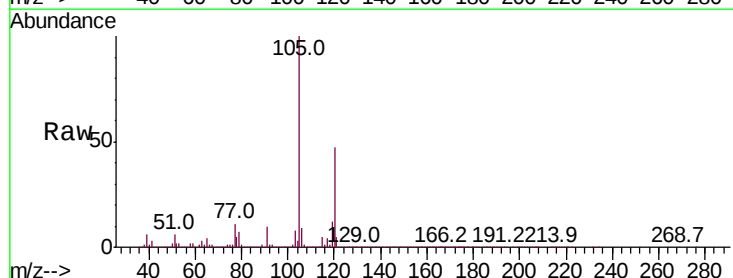
RT: 11.80 min Scan# 1747

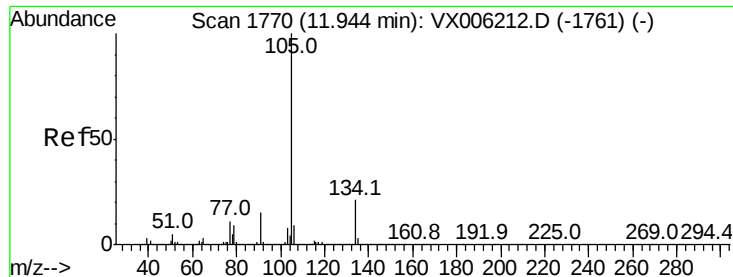
Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion:	105	Resp:	542089
Ion Ratio	Lower	Upper	
105	100		
120	46.8	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.432 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion:105 Resp: 638024

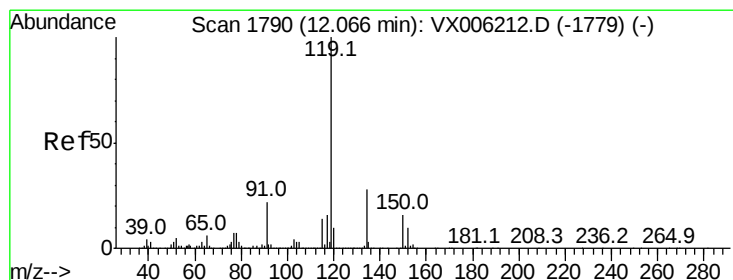
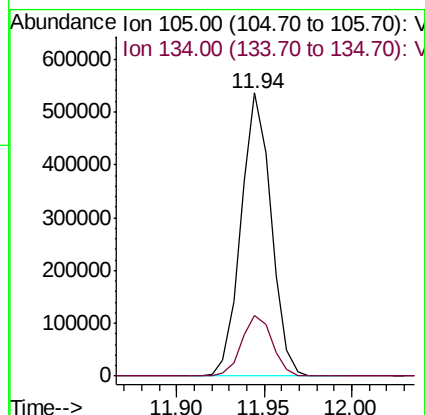
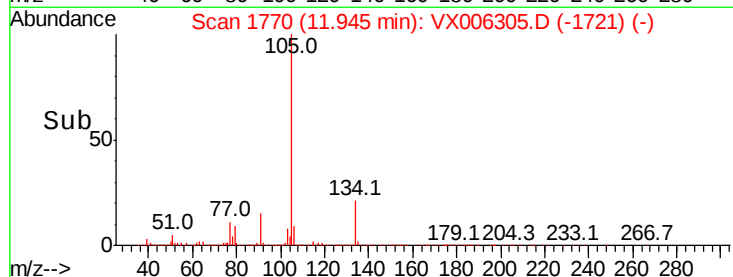
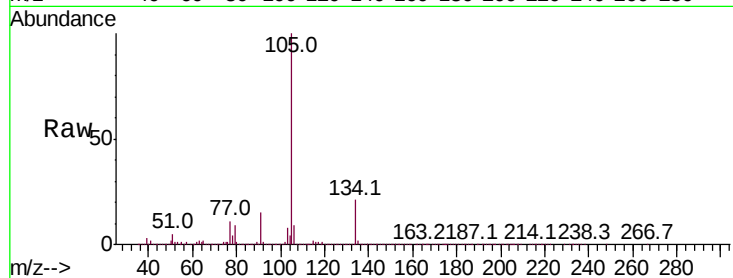
Ion Ratio Lower Upper

105 100

134 21.9 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 20.349 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

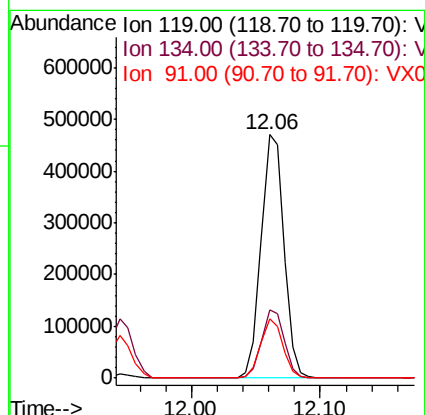
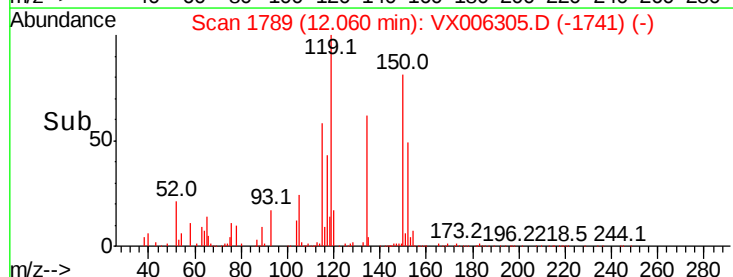
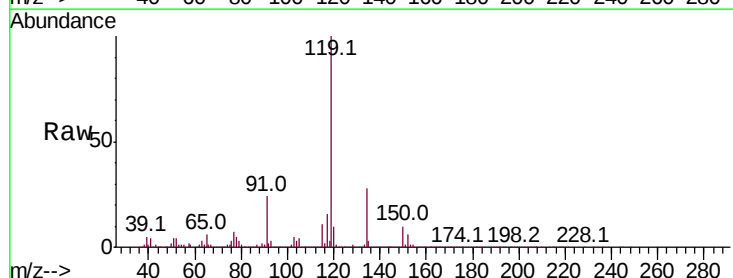
Tgt Ion:119 Resp: 572211

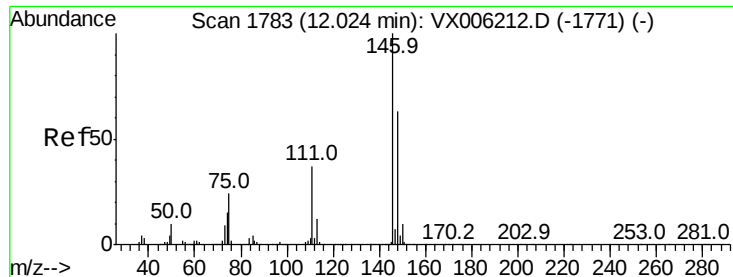
Ion Ratio Lower Upper

119 100

134 27.8 13.9 41.6

91 23.2 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.690 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006305.D

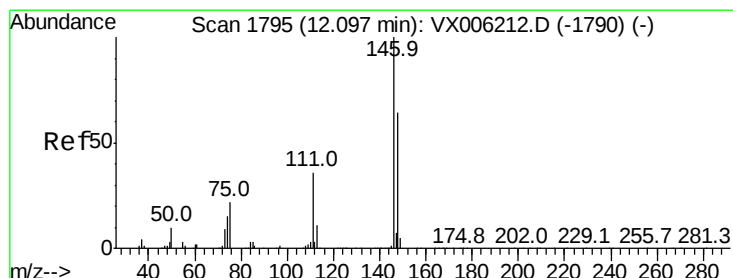
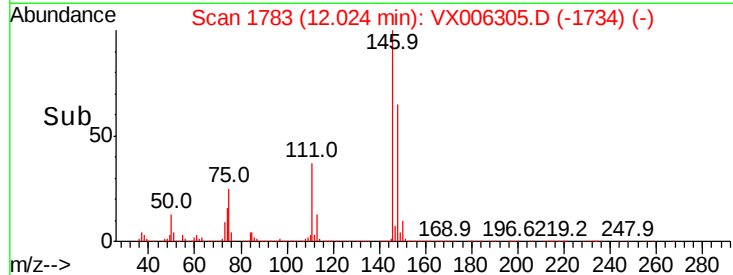
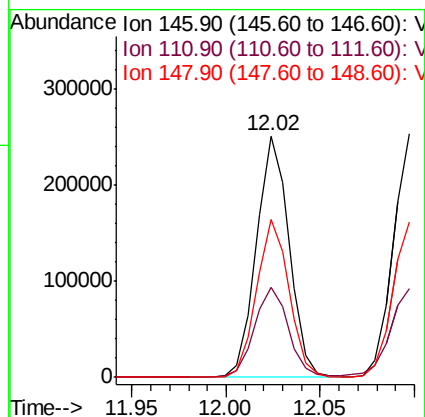
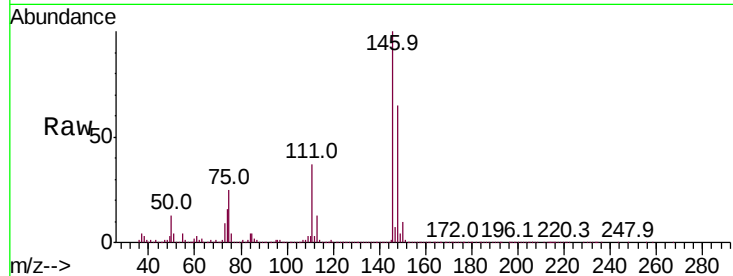
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.2
148	64.9	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.174 ug/l

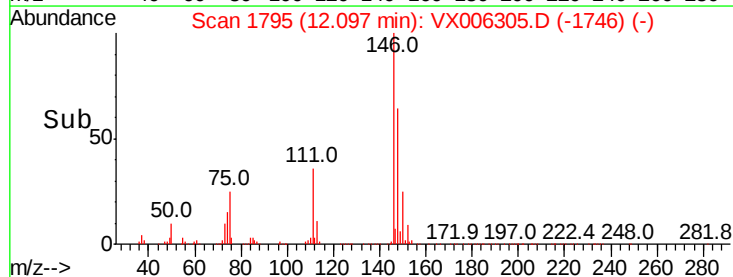
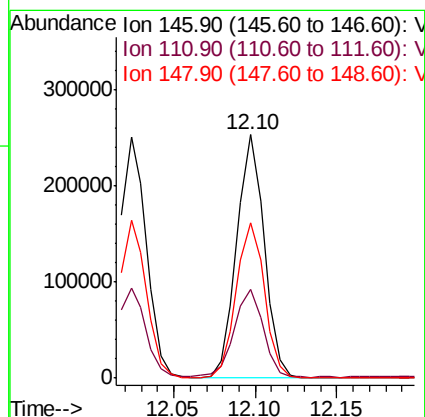
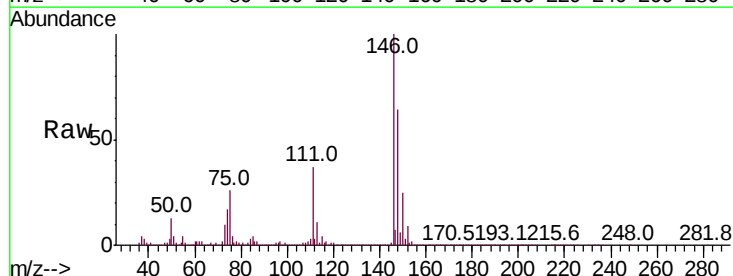
RT: 12.10 min Scan# 1795

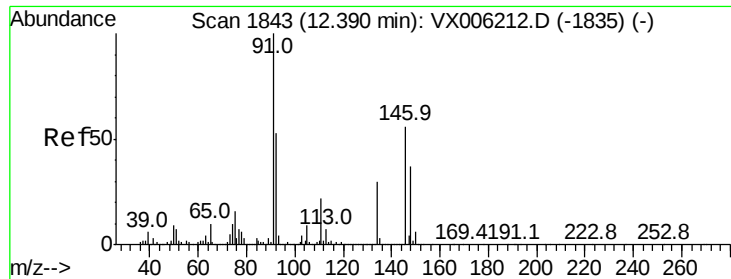
Delta R.T. 0.00 min

Lab File: VX006305.D

Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.3	54.8
148	65.4	31.9	95.9





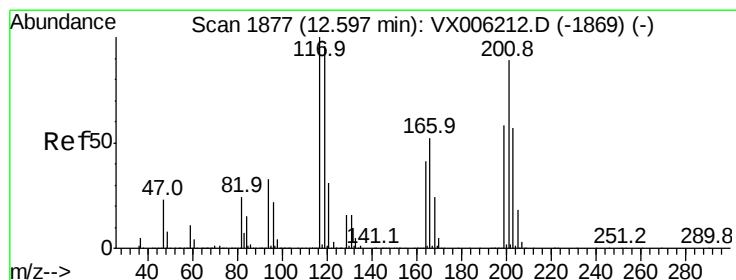
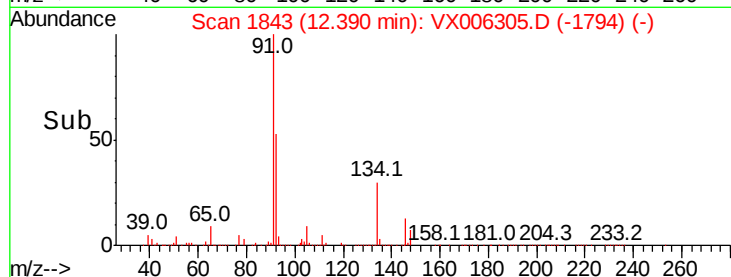
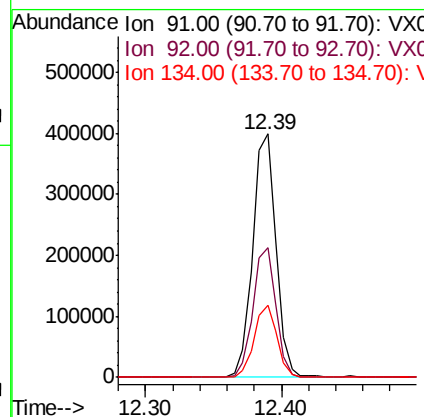
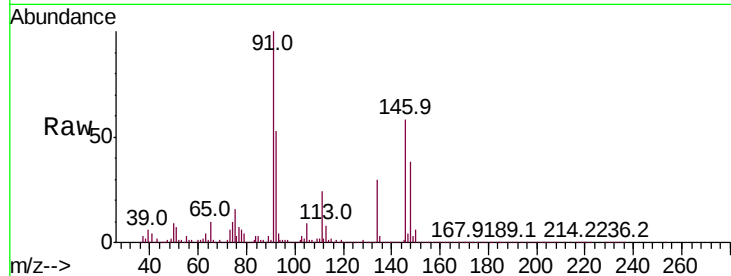
#89
n-Butylbenzene
Concen: 19.837 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.8
134	29.3	14.8	44.3

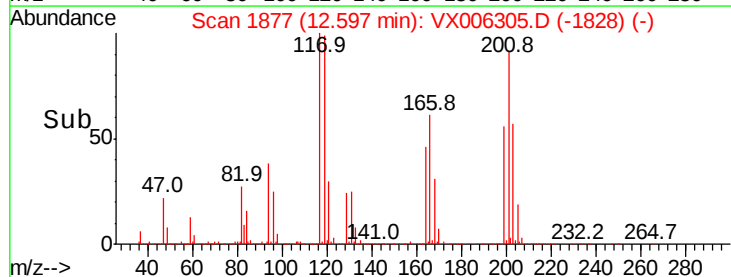
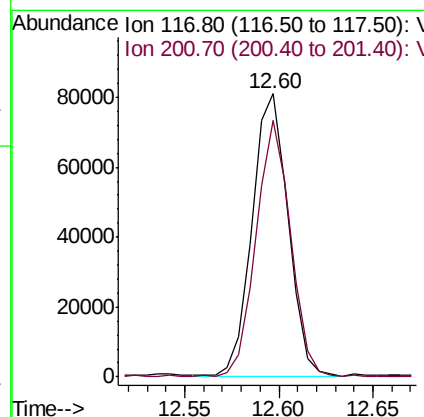
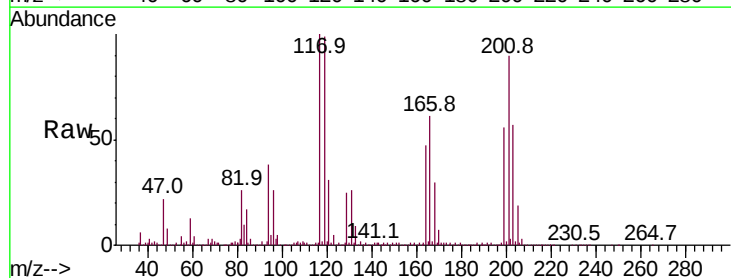
Manual Integrations
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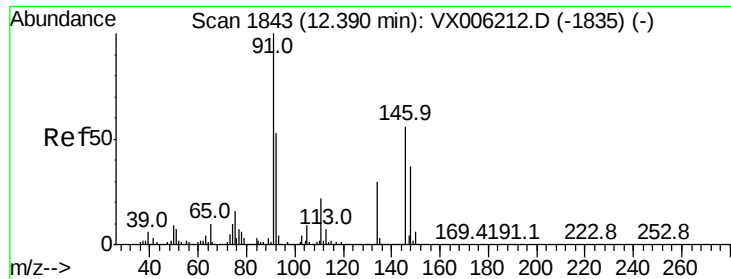
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#90
Hexachloroethane
Concen: 18.599 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	44.7	134.1





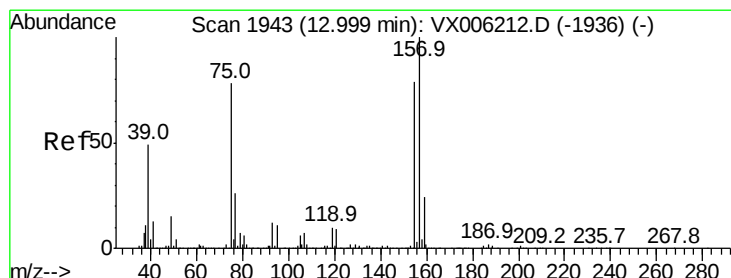
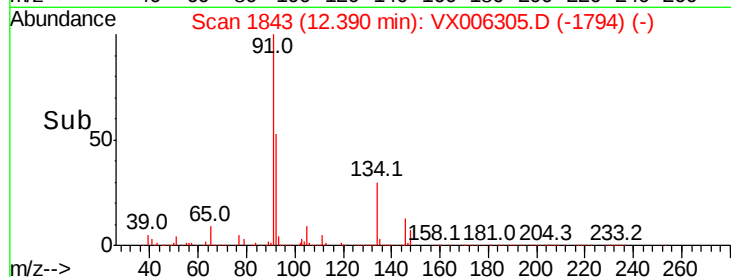
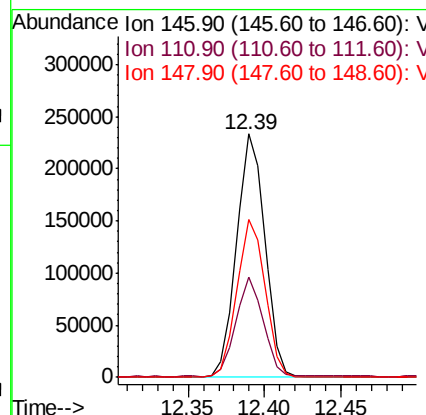
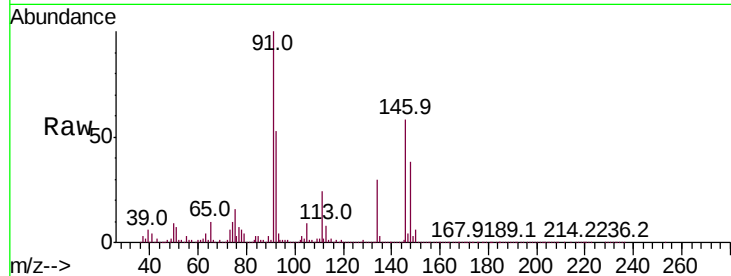
#91
 1,2-Dichlorobenzene
 Concen: 19.738 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.3
148	64.6	32.1	96.3

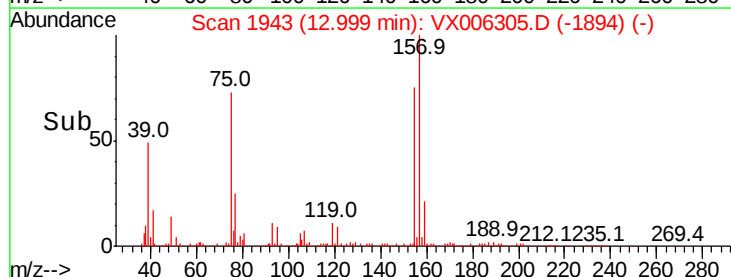
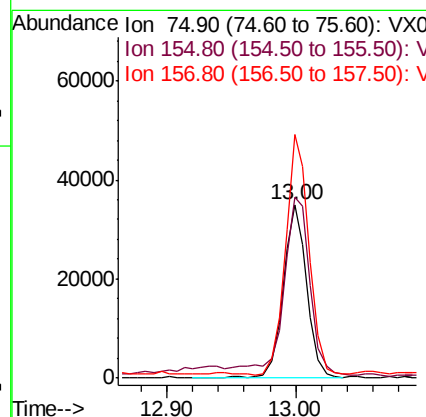
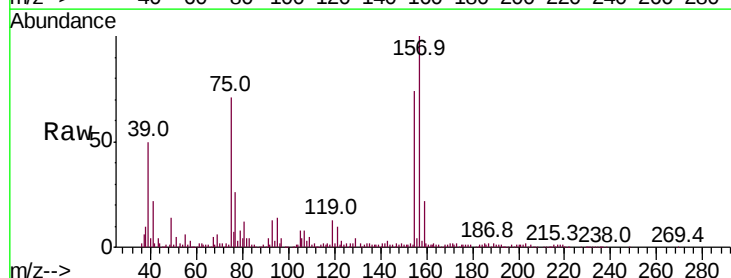
Manual Integrations
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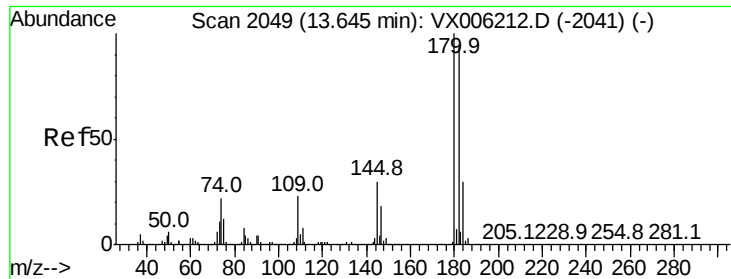
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.348 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	117.7	53.4	160.3
157	139.4	68.0	203.8





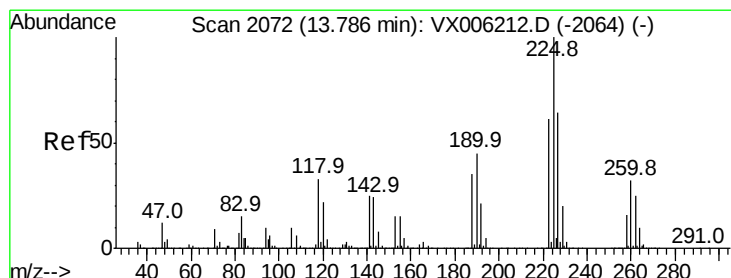
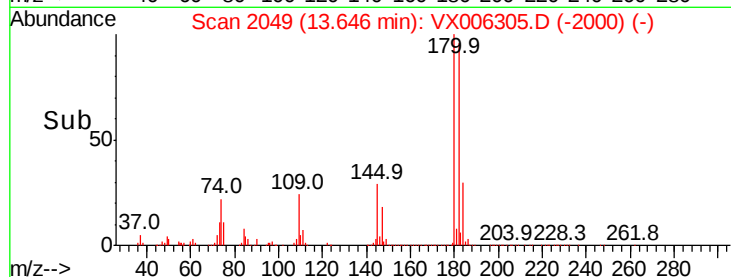
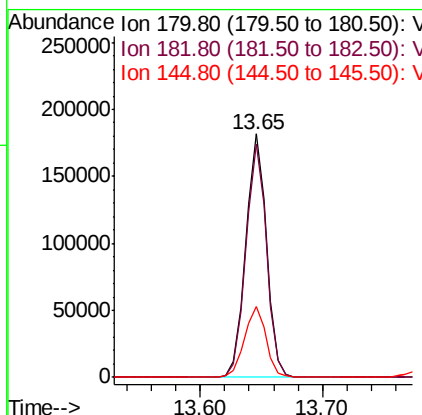
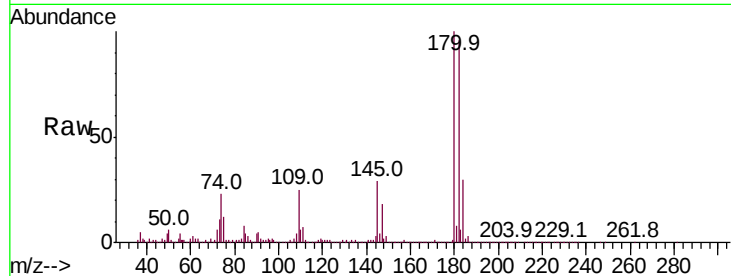
#93
 1,2,4-Trichlorobenzene
 Concen: 19.231 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.0	47.3	141.9	
145	29.8	14.6	43.8	

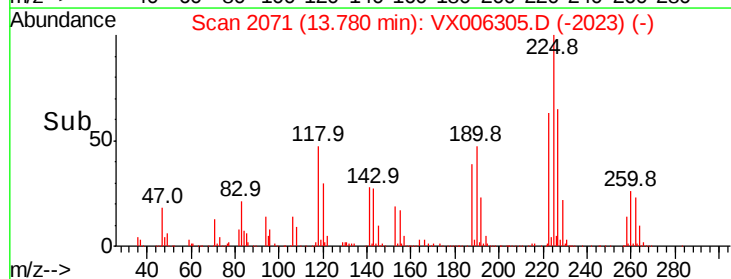
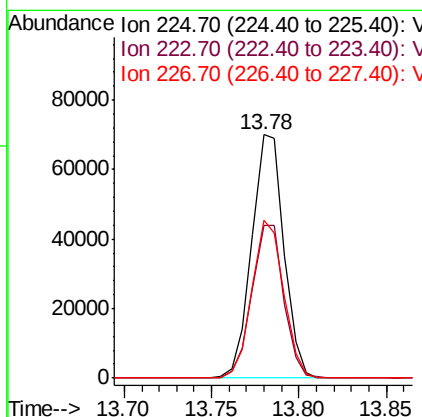
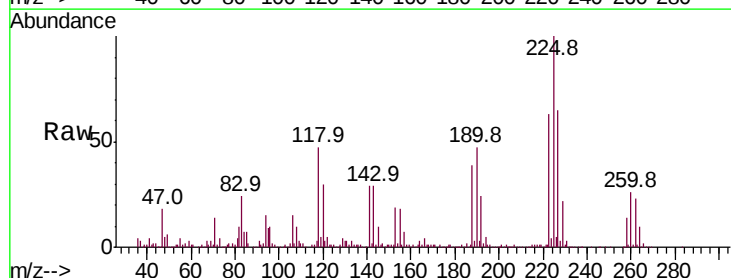
Manual Integrations
 APPROVED

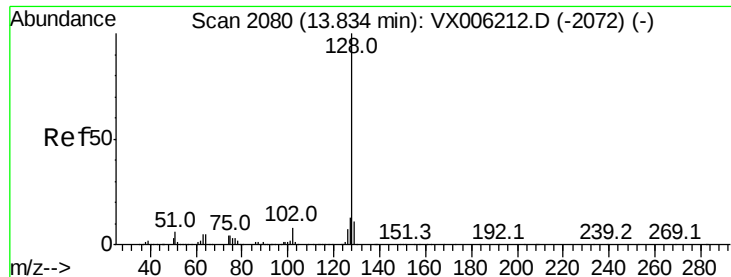
MMDadoda
 12/7/2018 10:42:06 AM



#94
 Hexachlorobutadiene
 Concen: 18.368 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006305.D
 Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	31.2	93.6	
227	63.7	31.9	95.5	





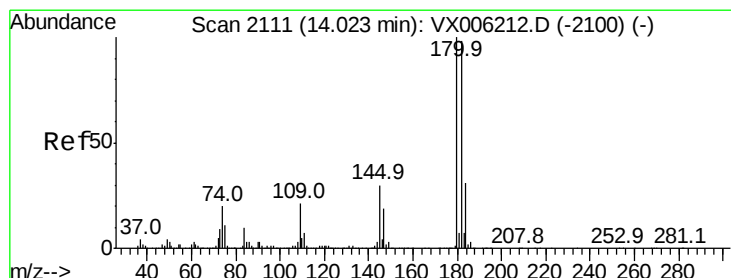
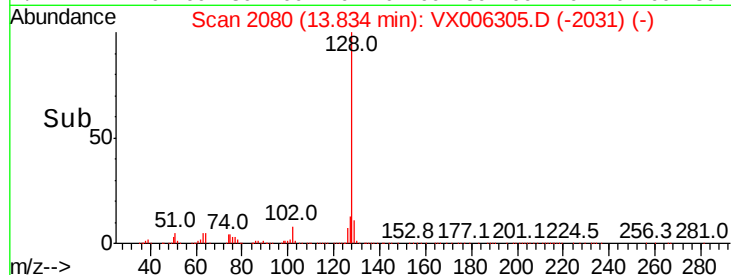
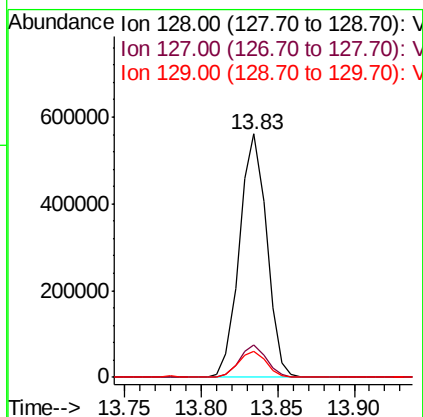
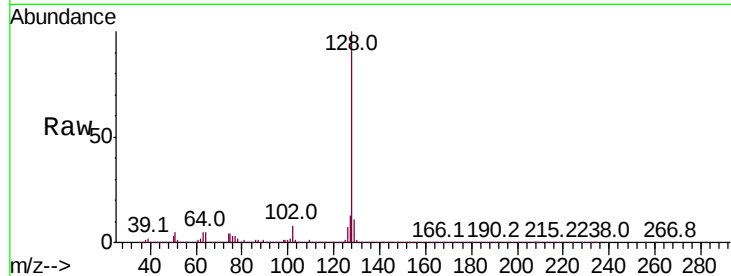
#95
Naphthalene
Concen: 20.100 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/7/2018 10:42:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.548 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006305.D
Acq: 05 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.4	145.2
145	31.7	15.6	46.8

