

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006283.D
 Acq On : 04 Dec 2018 17:21
 Operator : JC/MD
 Sample : VX1204WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/5/2018 10:11:54 AM

Quant Time: Dec 05 01:07:44 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	669476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1014266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	925608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	460430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	355038	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
35) Dibromofluoromethane	5.50	113	336997	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	8.71	98	1230525	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.13	95	459210	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	132828	20.263	ug/l	99
3) Chloromethane	1.33	50	122688	18.213	ug/l	99
4) Vinyl Chloride	1.41	62	137564	18.975	ug/l	98
5) Bromomethane	1.64	94	63108	12.560	ug/l	98
6) Chloroethane	1.73	64	94035	21.154	ug/l	97
7) Trichlorofluoromethane	1.93	101	209880	18.859	ug/l	96
8) Diethyl Ether	2.19	74	78810	18.711	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	118701	18.758	ug/l	99
10) Methyl Iodide	2.51	142	76197	7.990	ug/l	98
11) Tert butyl alcohol	3.07	59	177444	94.940	ug/l	99
12) 1,1-Dichloroethene	2.38	96	112687	18.602	ug/l	93
13) Acrolein	2.29	56	94707	92.710	ug/l	96
14) Allyl chloride	2.73	41	214243	17.903	ug/l	99
15) Acrylonitrile	3.15	53	358231	91.850	ug/l	99
16) Acetone	2.45	43	315691	98.430	ug/l	100
17) Carbon Disulfide	2.57	76	327542	17.547	ug/l	100
18) Methyl Acetate	2.78	43	206586	19.261	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	408729	18.913	ug/l	99
20) Methylene Chloride	2.86	84	132458	19.405	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	120458	18.659	ug/l	92
22) Diisopropyl ether	3.87	45	359500	19.233	ug/l	99
23) Vinyl Acetate	3.82	43	1510278	94.735	ug/l	99
24) 1,1-Dichloroethane	3.70	63	203851	19.081	ug/l	99
25) 2-Butanone	4.70	43	443823	96.982	ug/l	97
26) 2,2-Dichloropropane	4.59	77	174964	17.745	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	145660	20.228	ug/l	97
28) Bromochloromethane	5.02	49	94942	20.345	ug/l	98
29) Tetrahydrofuran	5.15	42	293728	92.351	ug/l	97
30) Chloroform	5.21	83	220389	19.630	ug/l	100
31) Cyclohexane	5.58	56	186474	18.887	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	205673	19.254	ug/l	99
36) 1,1-Dichloropropene	5.80	75	156987	18.380	ug/l	100
37) Ethyl Acetate	4.85	43	174184	18.211	ug/l	98
38) Carbon Tetrachloride	5.78	117	188508	18.761	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201390	18.165	ug/l	97
40) Benzene	6.14	78	490726	19.183	ug/l	98
41) Methacrylonitrile	5.06	41	94787	18.010	ug/l	98
42) 1,2-Dichloroethane	6.20	62	162666	19.429	ug/l	99
43) Isopropyl Acetate	6.46	43	284869	17.863	ug/l	99
44) Trichloroethene	7.21	130	151830	19.592	ug/l	98
45) 1,2-Dichloropropane	7.52	63	123017	18.921	ug/l	94
46) Dibromomethane	7.66	93	89933	19.153	ug/l	98
47) Bromodichloromethane	7.90	83	166910	18.356	ug/l	100
48) Methyl methacrylate	7.77	41	140386	18.095	ug/l	97
49) 1,4-Dioxane	7.75	88	71062	371.634	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	866264	93.309	ug/l	98
52) Toluene	8.79	92	316829	18.825	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	187602	17.641	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	198149	17.944	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	134705	19.701	ug/l	98
56) Ethyl methacrylate	9.18	69	200052	18.716	ug/l	98
57) 1,3-Dichloropropane	9.37	76	208645	19.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	521221	96.094	ug/l	99
59) 2-Hexanone	9.49	43	666753	94.004	ug/l	100
60) Dibromochloromethane	9.59	129	152952	18.142	ug/l	100
61) 1,2-Dibromoethane	9.67	107	143501	18.770	ug/l	99
64) Tetrachloroethene	9.34	164	130805	18.765	ug/l	98
65) Chlorobenzene	10.14	112	370878	18.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	144117	18.878	ug/l	99
67) Ethyl Benzene	10.25	91	610396	18.678	ug/l	99
68) m/p-Xylenes	10.36	106	488502	37.317	ug/l	99
69) o-Xylene	10.69	106	245650	18.998	ug/l	99
70) Styrene	10.71	104	390129	18.655	ug/l	99
71) Bromoform	10.86	173	123496	17.137	ug/l	100
73) Isopropylbenzene	11.02	105	639557	20.114	ug/l	99
74) N-amyl acetate	10.90	43	254982	18.622	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	202999	19.956	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	191329m	21.529	ug/l	
77) Bromobenzene	11.26	156	173365	19.647	ug/l	98
78) n-propylbenzene	11.36	91	691849	19.574	ug/l	100
79) 2-Chlorotoluene	11.42	91	413443	19.681	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	517617	19.565	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64751	17.098	ug/l	91
82) 4-Chlorotoluene	11.51	91	470600	19.267	ug/l	100
83) tert-Butylbenzene	11.77	119	558815	19.797	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	533074	19.514	ug/l	100
85) sec-Butylbenzene	11.94	105	632410	19.694	ug/l	99
86) p-Isopropyltoluene	12.07	119	563107	19.474	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	300754	19.155	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	297844	18.689	ug/l	98
89) n-Butylbenzene	12.39	91	455239	18.451	ug/l	99
90) Hexachloroethane	12.60	117	108102	18.343	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	302183	19.392	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47027	18.034	ug/l	97

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VX1204WBSD01

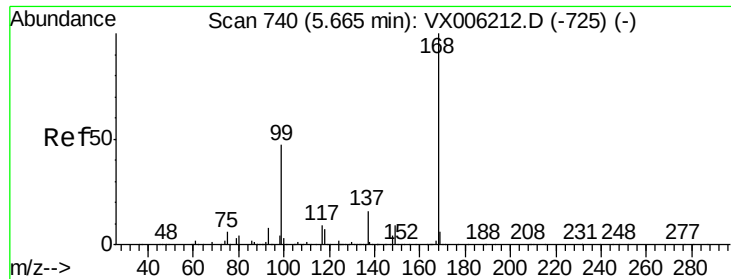
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	211085	18.567	ug/l	99
94) Hexachlorobutadiene	13.78	225	96876	19.268	ug/l	100
95) Naphthalene	13.83	128	692379	19.579	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	215312	19.121	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion:168 Resp: 669476

Ion Ratio Lower Upper

168 100

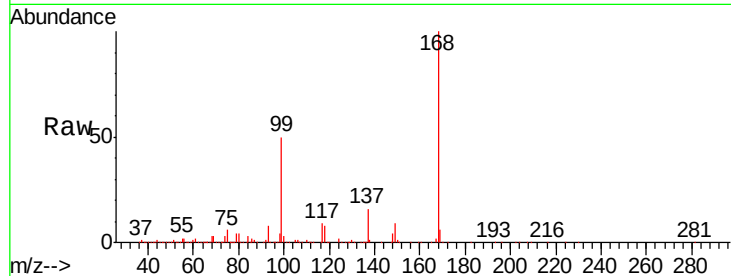
99 49.9 37.8 56.8

Manual Integrations

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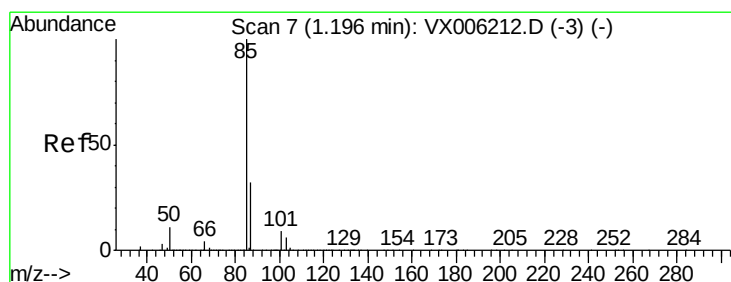
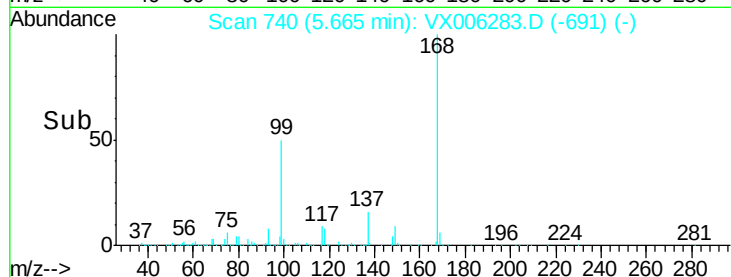
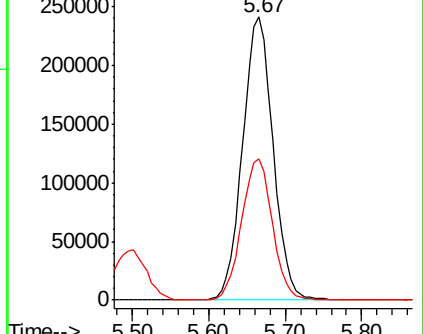
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.263 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006283.D

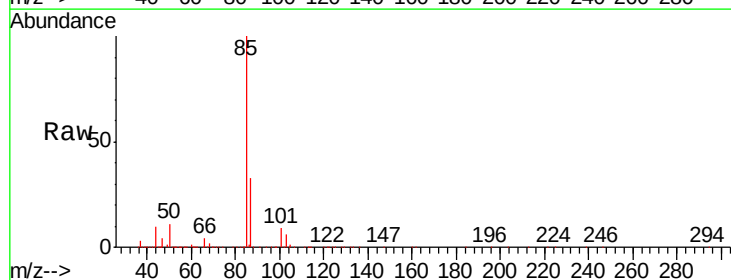
Acq: 04 Dec 2018 17:21

Tgt Ion: 85 Resp: 132828

Ion Ratio Lower Upper

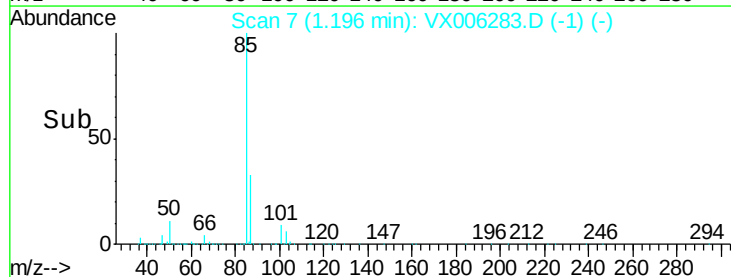
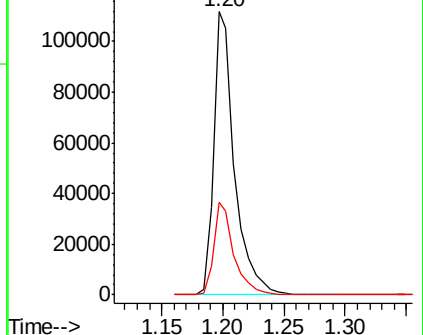
85 100

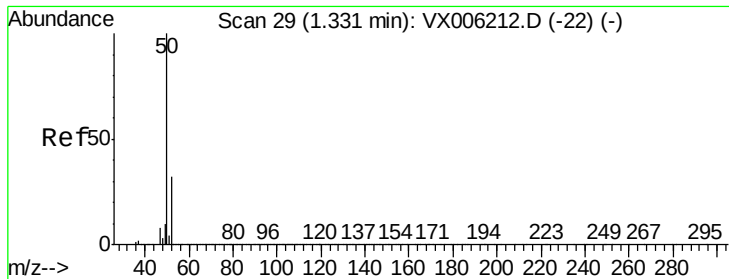
87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.213 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion: 50 Resp: 122688

Ion Ratio Lower Upper

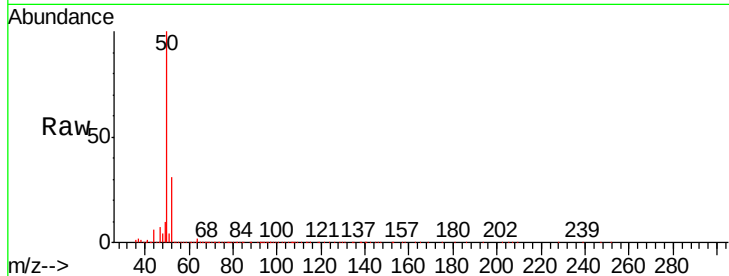
50 100

52 31.2 25.2 37.8

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

120000

100000

80000

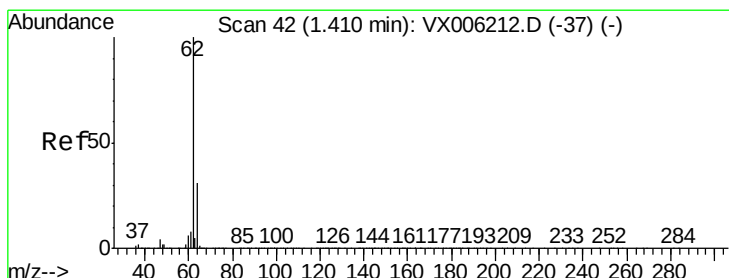
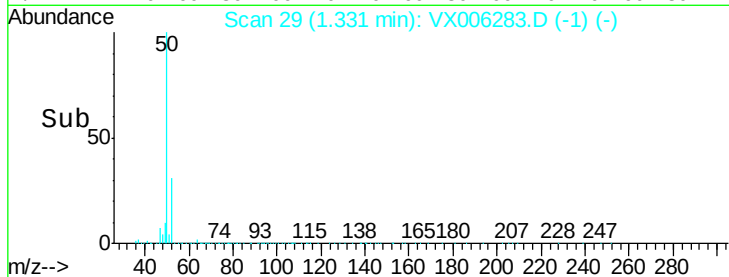
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 18.975 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006283.D

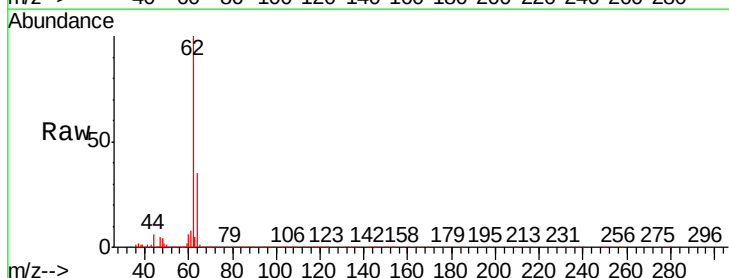
Acq: 04 Dec 2018 17:21

Tgt Ion: 62 Resp: 137564

Ion Ratio Lower Upper

62 100

64 32.3 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

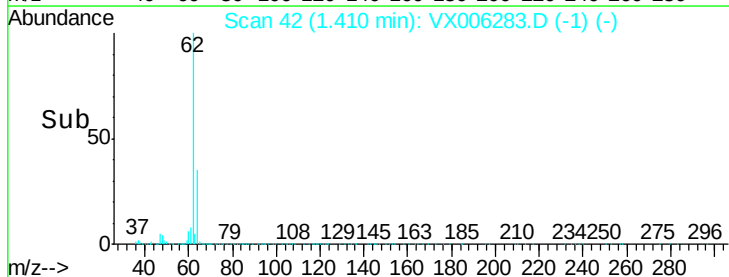
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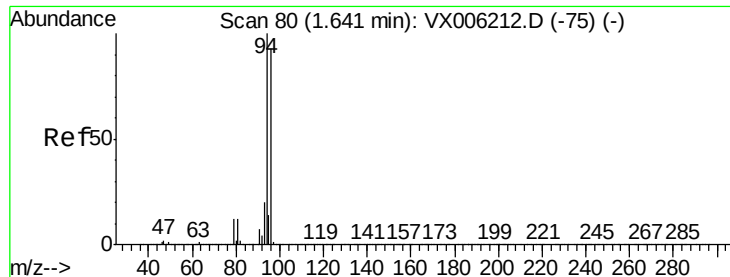
100000

50000

0

Time-->





#5

Bromomethane

Concen: 12.560 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

ClientSampled :

VX1204WBSD01

Tgt Ion: 94 Resp: 63108

Ion Ratio Lower Upper

94 100

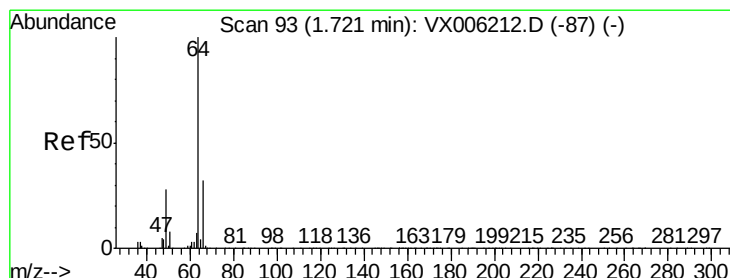
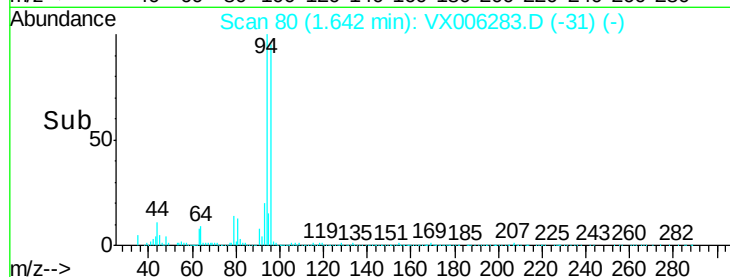
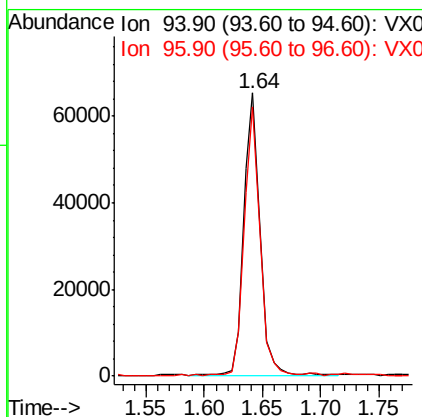
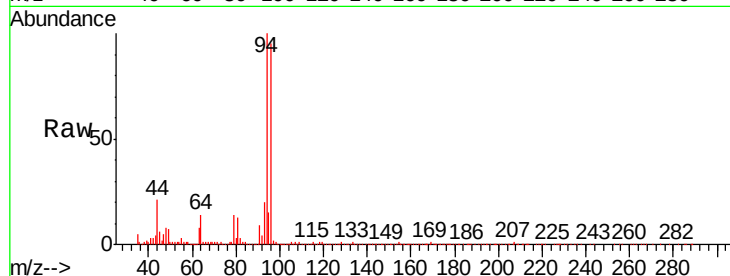
96 95.1 74.5 111.7

Manual Integrations

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12/5/2018 10:11:54 AM



#6

Chloroethane

Concen: 21.154 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006283.D

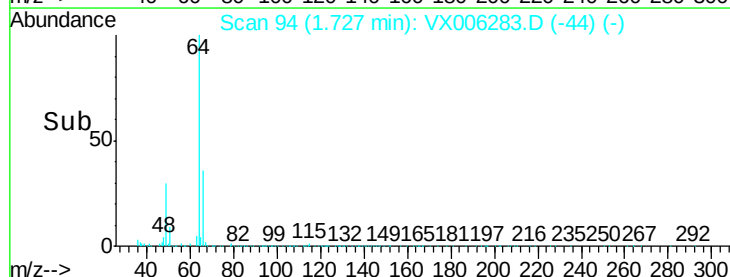
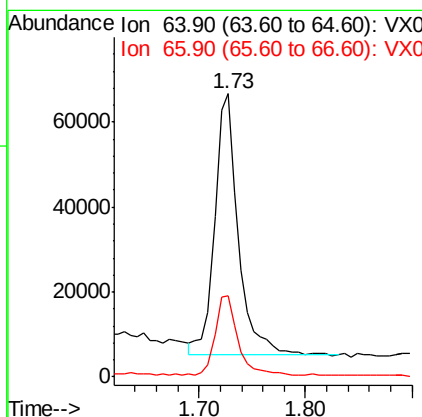
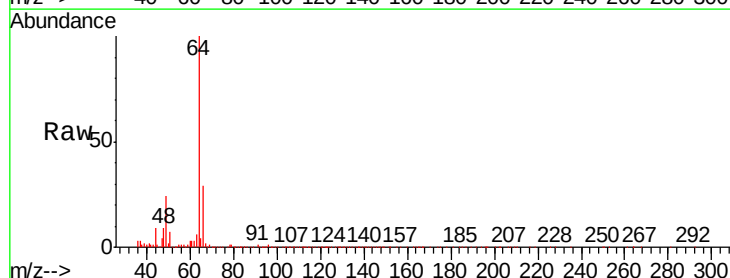
Acq: 04 Dec 2018 17:21

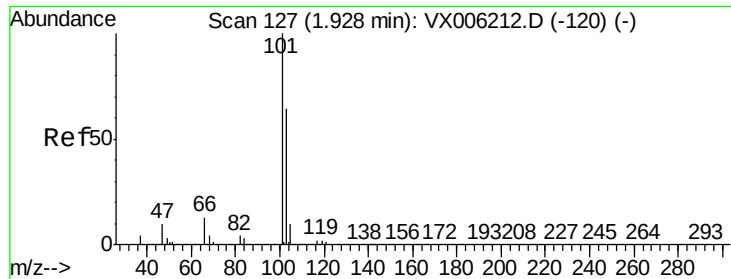
Tgt Ion: 64 Resp: 94035

Ion Ratio Lower Upper

64 100

66 30.5 25.9 38.9





#7

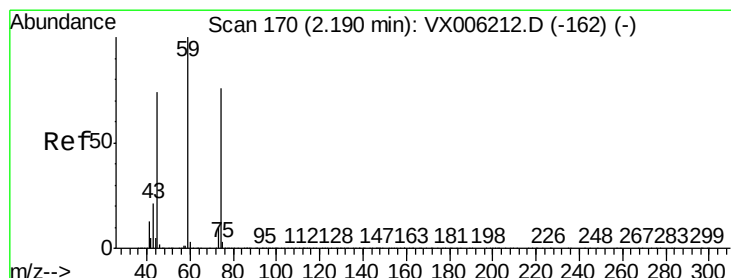
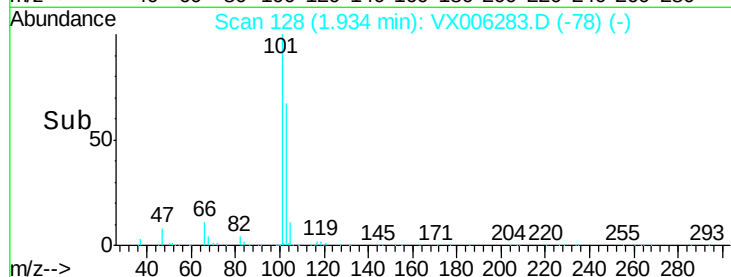
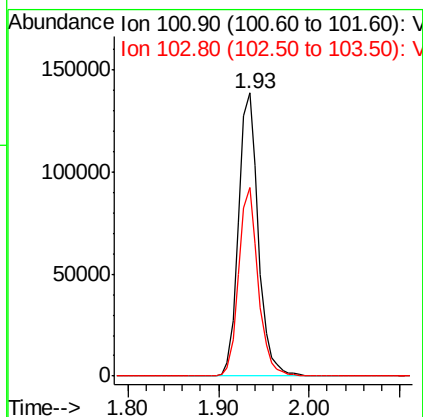
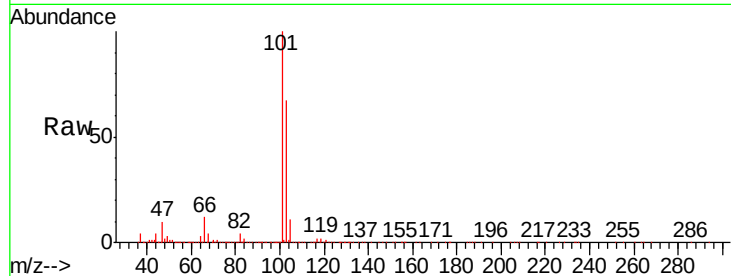
Trichlorofluoromethane
Concen: 18.859 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

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ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	209880		
103	66.5	51.0	76.4	

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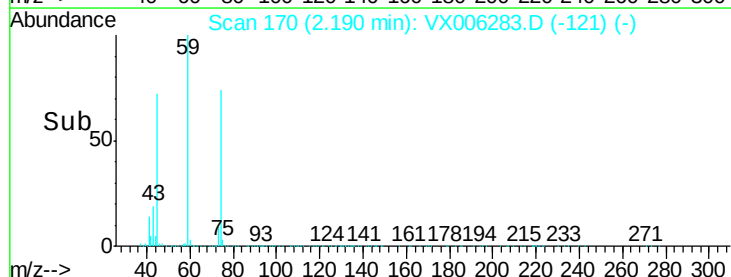
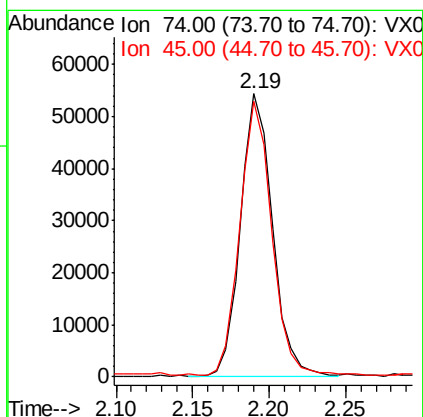
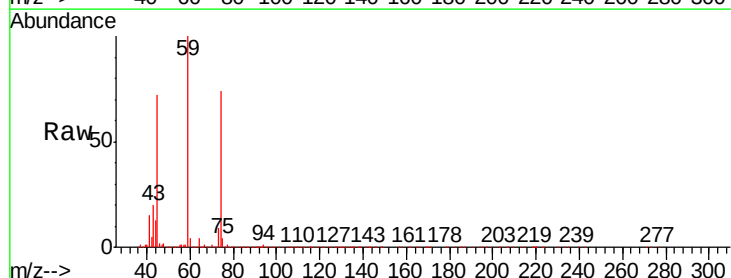
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12/5/2018 10:11:54 AM

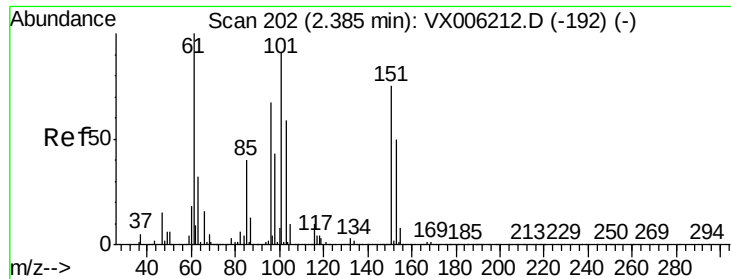


#8

Diethyl Ether
Concen: 18.711 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	78810		
45	97.1	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.758 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

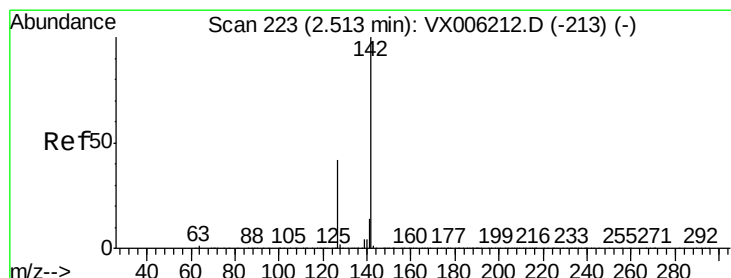
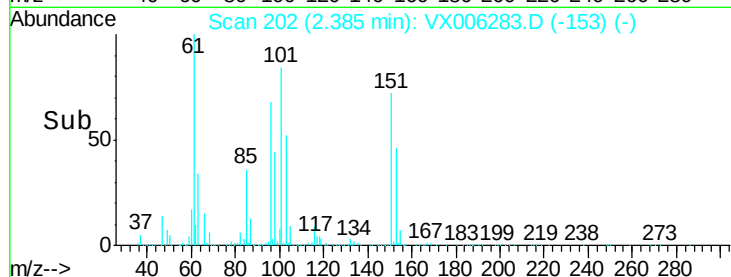
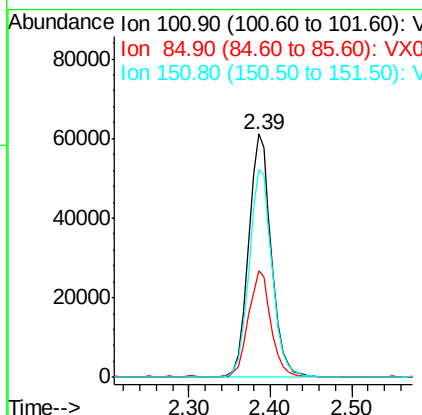
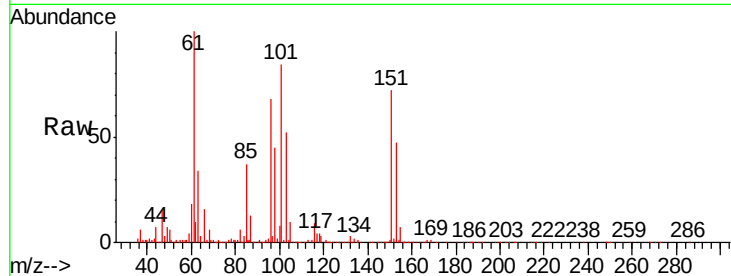
ClientSampleId :

VX1204WBSD01

Tgt Ion:	101	Resp:	118701
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.5	53.3
151	86.9	68.6	103.0

Manual Integrations
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#10

Methyl Iodide

Concen: 7.990 ug/l

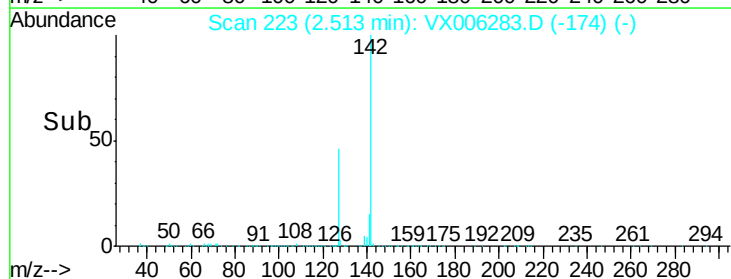
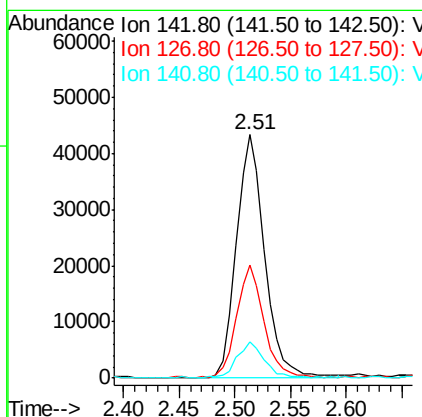
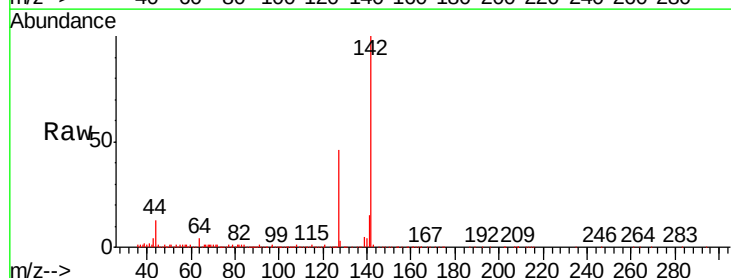
RT: 2.51 min Scan# 223

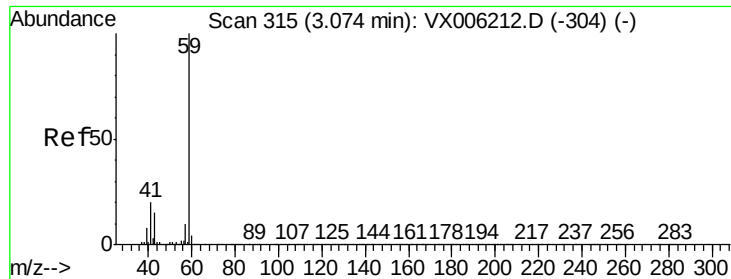
Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Tgt Ion:	142	Resp:	76197
Ion Ratio	Lower	Upper	
142	100		
127	44.9	34.8	52.2
141	15.1	11.4	17.2





#11

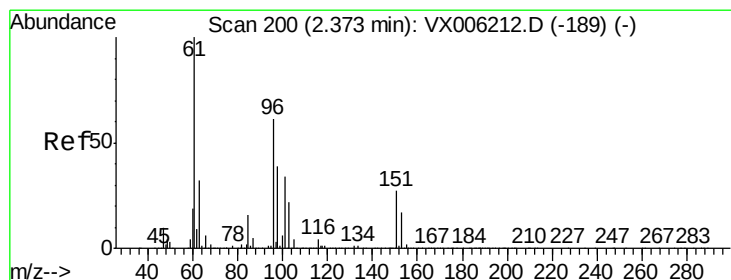
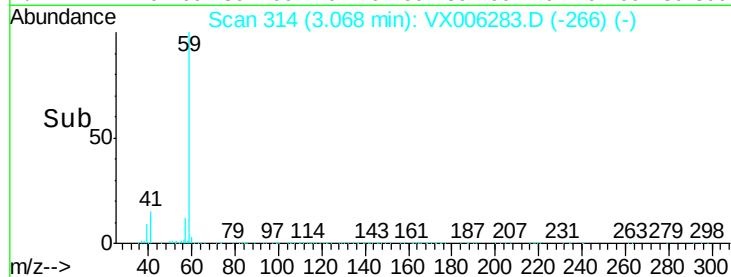
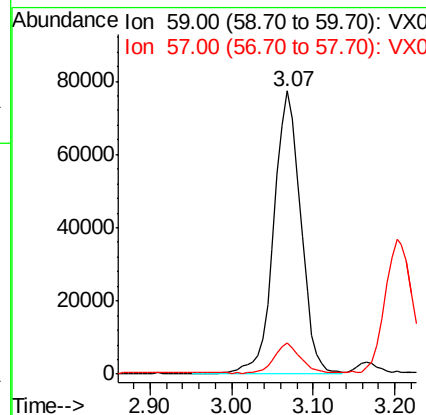
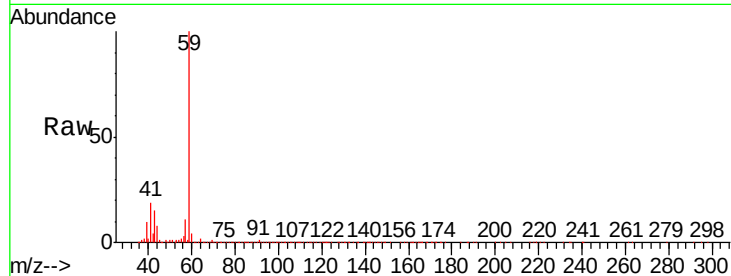
Tert butyl alcohol
Concen: 94.940 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

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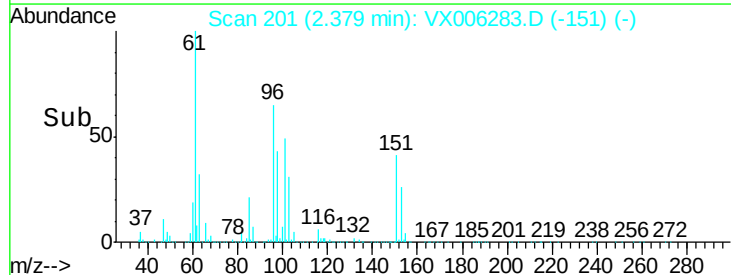
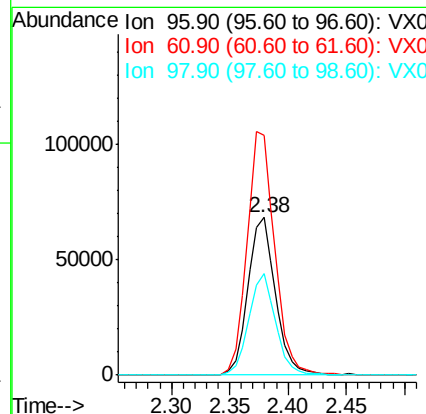
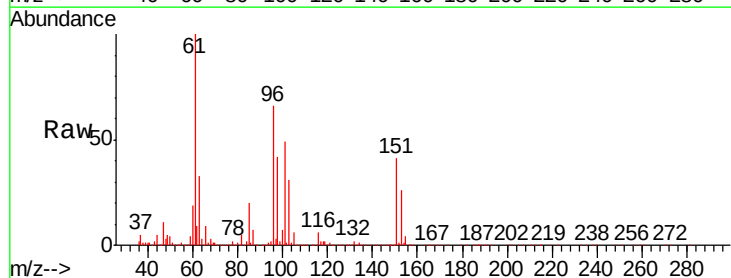
MMDadoda
12/5/2018 10:11:54 AM

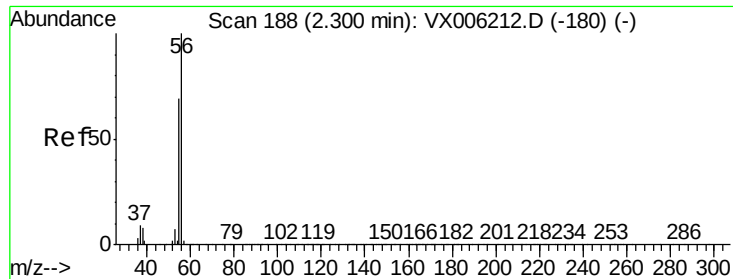


#12

1,1-Dichloroethene
Concen: 18.602 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.3	131.7	197.5
98	64.6	51.8	77.6





#13

Acrolein

Concen: 92.710 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion: 56 Resp: 94707

Ion Ratio Lower Upper

56 100

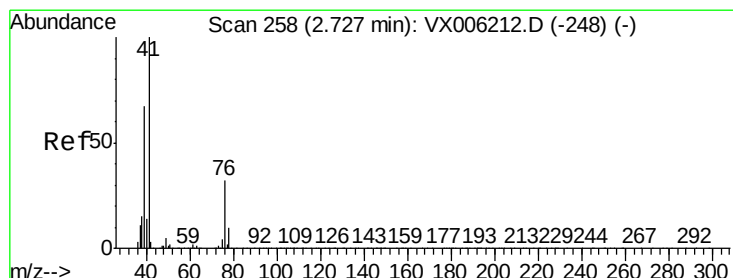
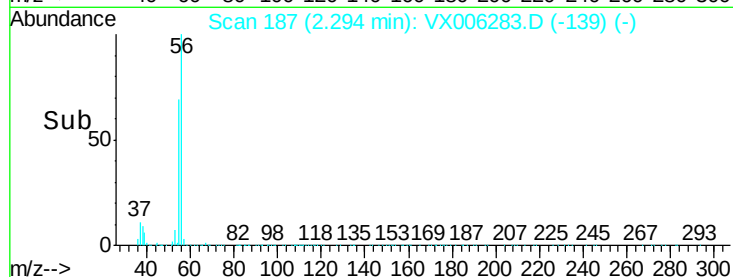
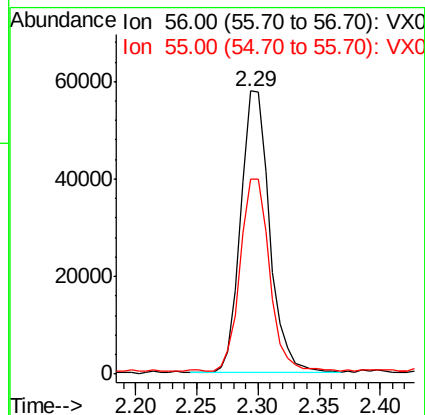
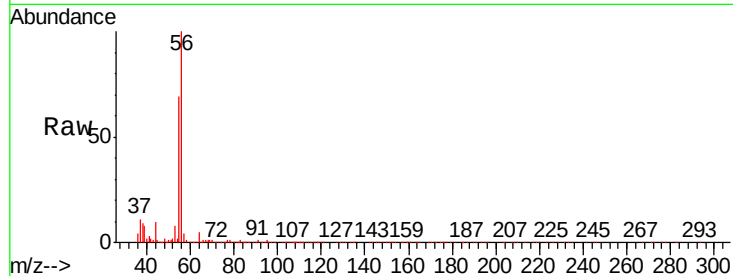
55 69.1 57.8 86.6

Manual Integrations

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12/5/2018 10:11:54 AM



#14

Allyl chloride

Concen: 17.903 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

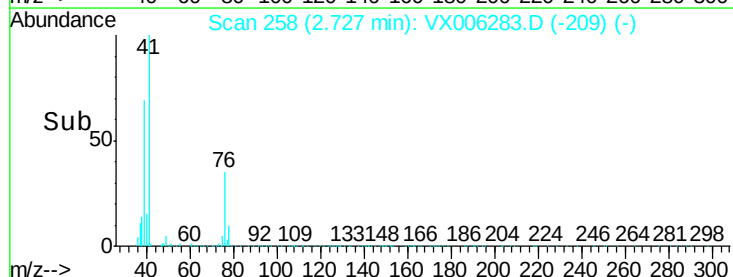
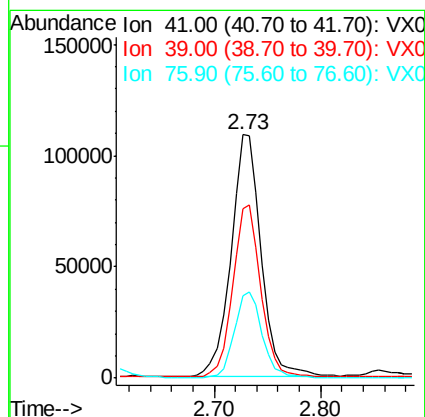
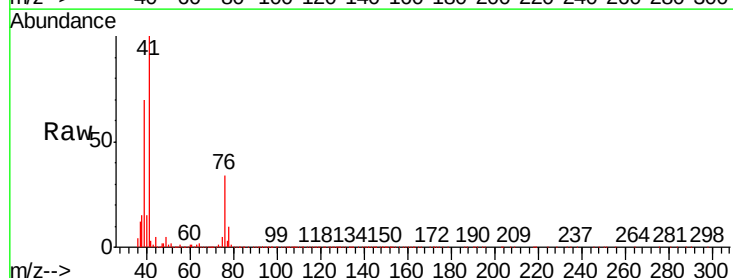
Tgt Ion: 41 Resp: 214243

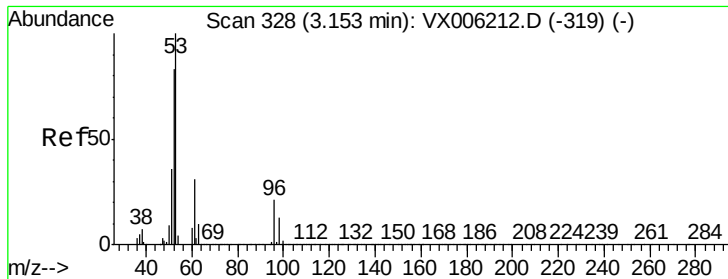
Ion Ratio Lower Upper

41 100

39 66.2 52.4 78.6

76 33.0 25.4 38.0





#15

Acrylonitrile

Concen: 91.850 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

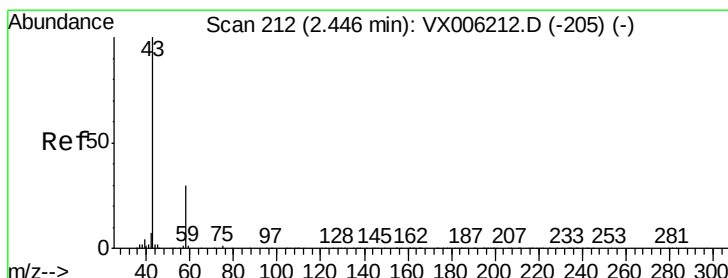
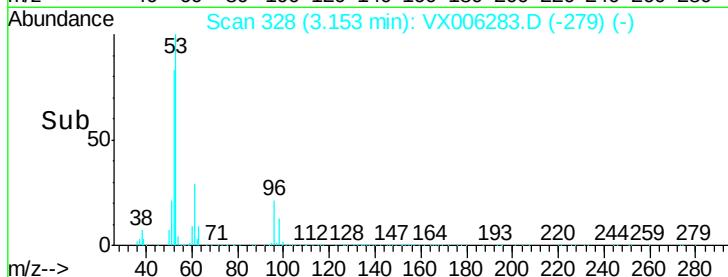
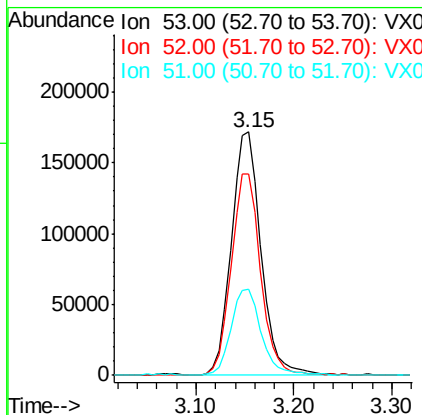
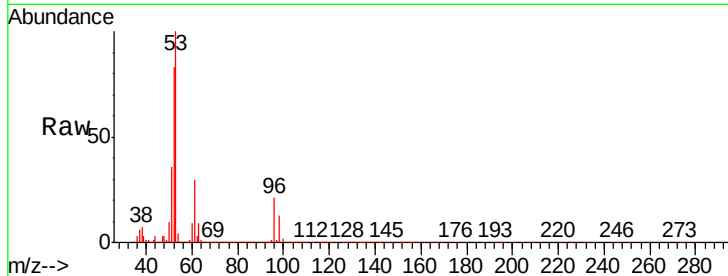
ClientSampleId :

VX1204WBSD01

Tgt Ion:	53	Resp:	358231
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.2	99.4
51	36.4	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 98.430 ug/l

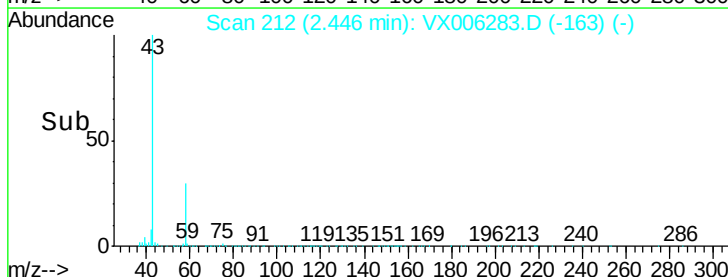
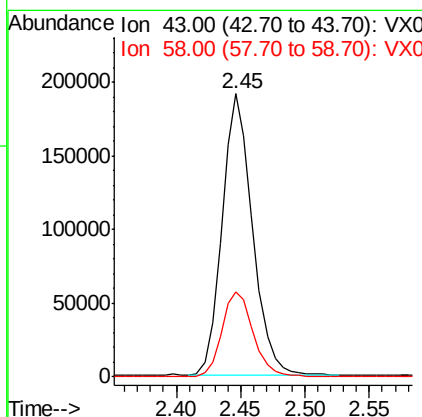
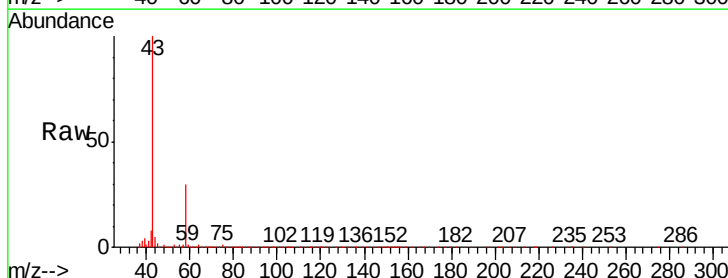
RT: 2.45 min Scan# 212

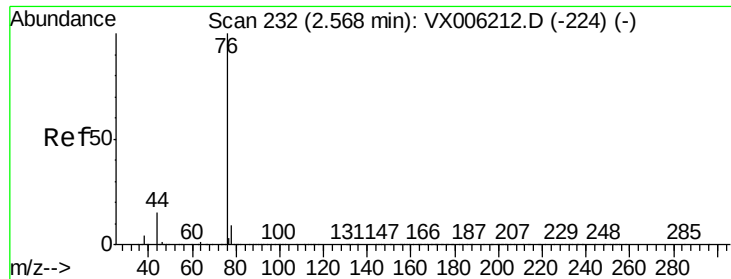
Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Tgt Ion:	43	Resp:	315691
Ion Ratio		Lower	Upper
43	100		
58	30.1	24.0	36.0





#17

Carbon Disulfide

Concen: 17.547 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

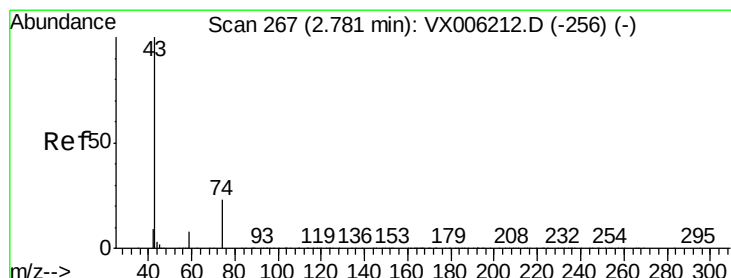
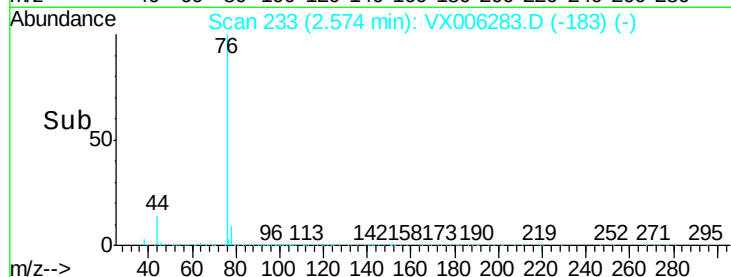
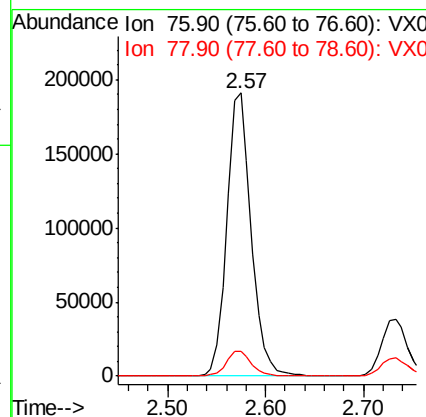
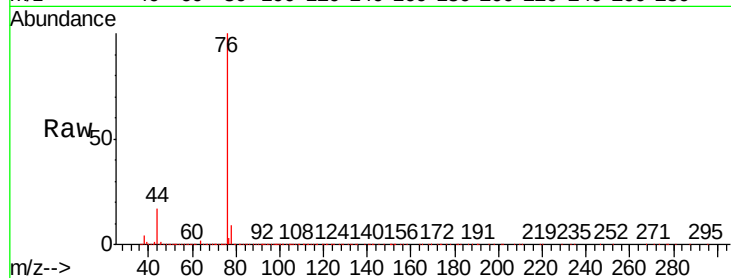
ClientSampleId :

VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.1	10.7

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#18

Methyl Acetate

Concen: 19.261 ug/l

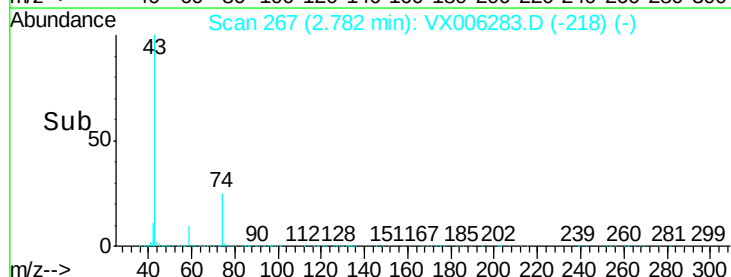
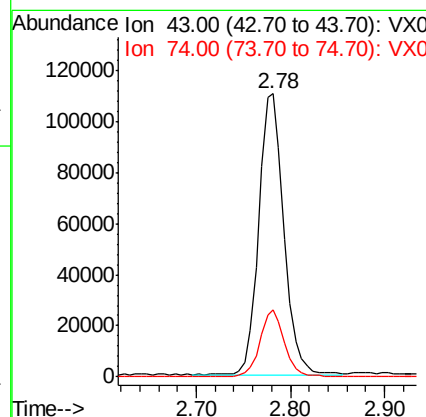
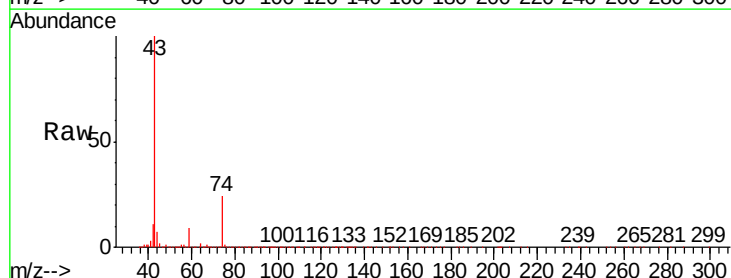
RT: 2.78 min Scan# 267

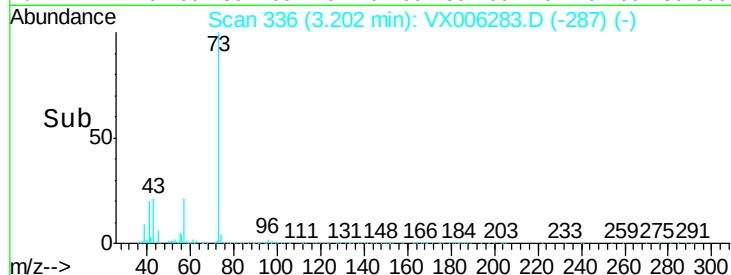
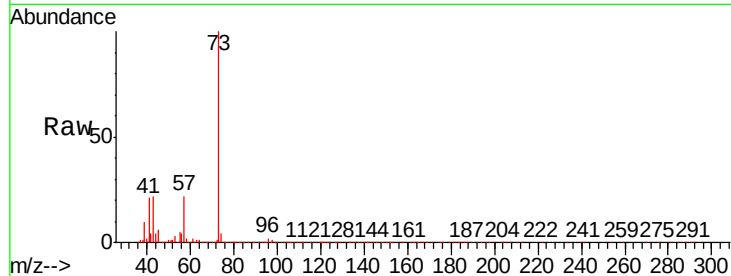
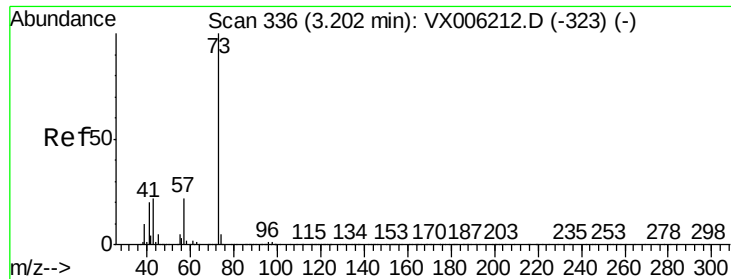
Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.9	26.9





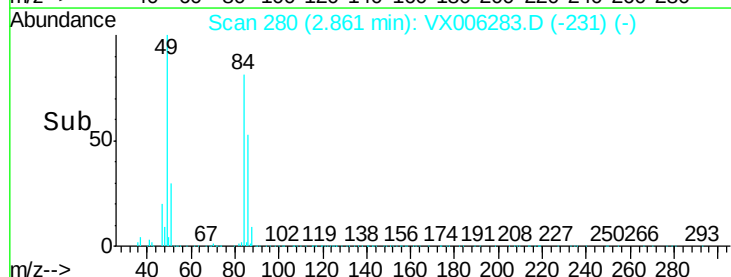
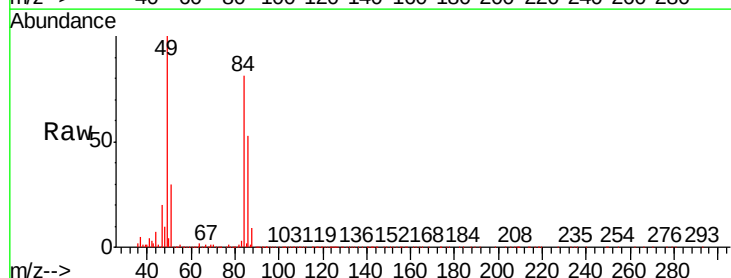
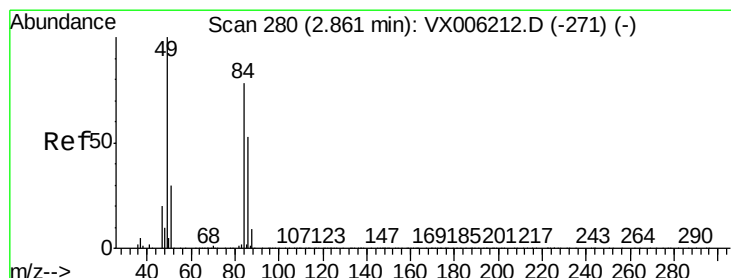
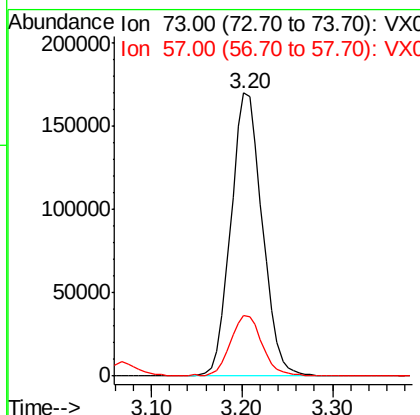
#19
Methyl tert-butyl Ether
Concen: 18.913 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.5	26.3

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

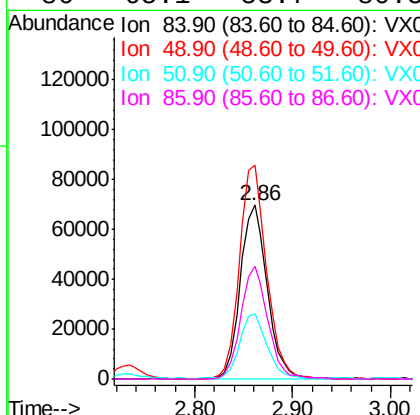
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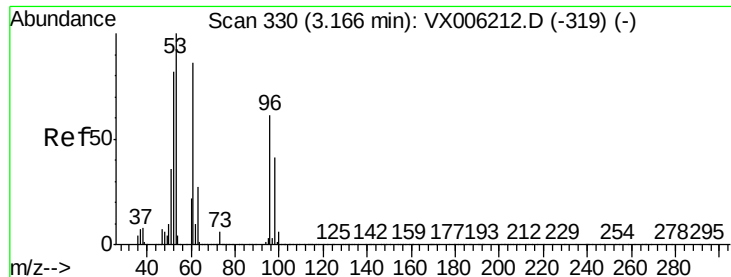
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#20
Methylene Chloride
Concen: 19.405 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	102.2	153.4
51	37.0	31.1	46.7
86	65.1	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 18.659 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

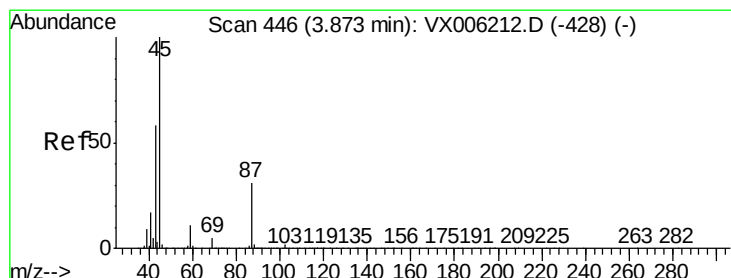
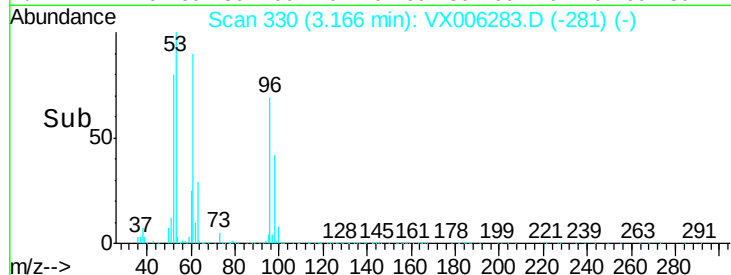
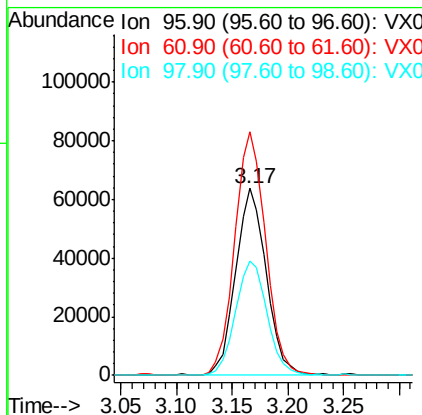
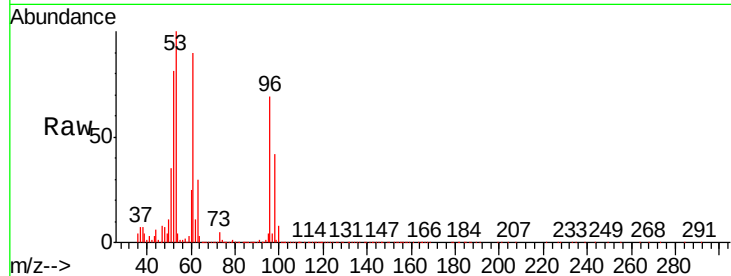
ClientSampleId :

VX1204WBSD01

Tgt Ion:	96	Resp:	120458
Ion Ratio	Lower	Upper	
96	100		
61	130.3	113.3	169.9
98	61.4	53.2	79.8

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#22

Diisopropyl ether

Concen: 19.233 ug/l

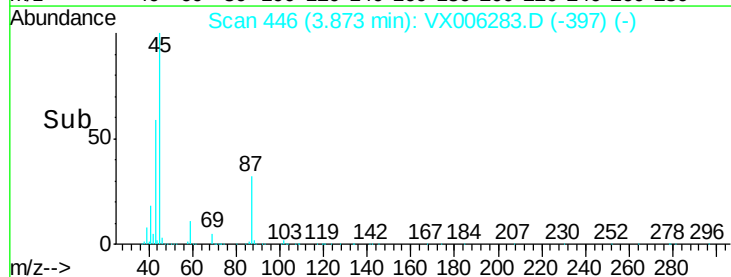
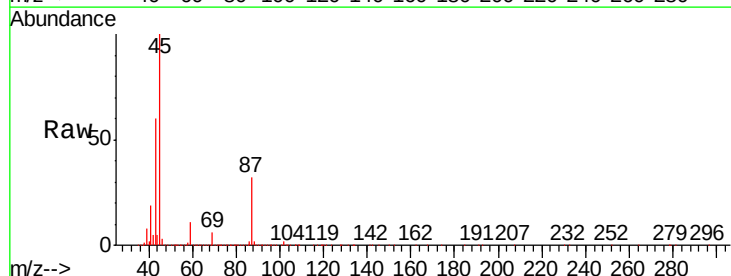
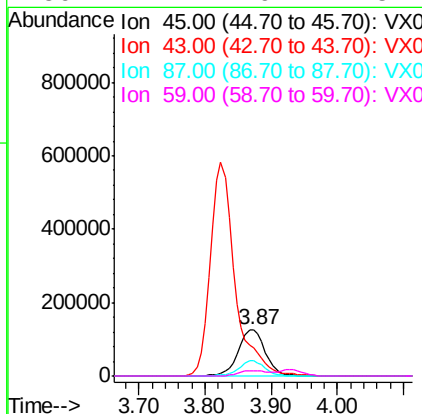
RT: 3.87 min Scan# 446

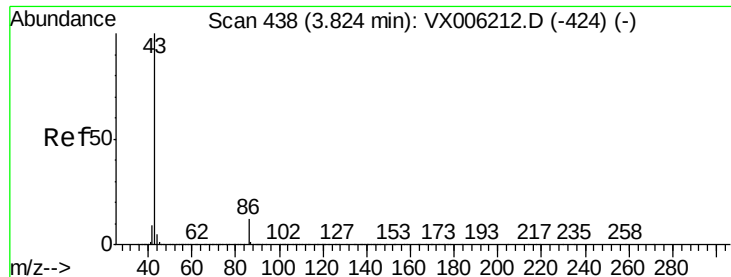
Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Tgt Ion:	45	Resp:	359500
Ion Ratio	Lower	Upper	
45	100		
43	58.9	46.2	69.2
87	31.8	24.9	37.3
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 94.735 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion: 43 Resp: 1510278

Ion Ratio Lower Upper

43 100

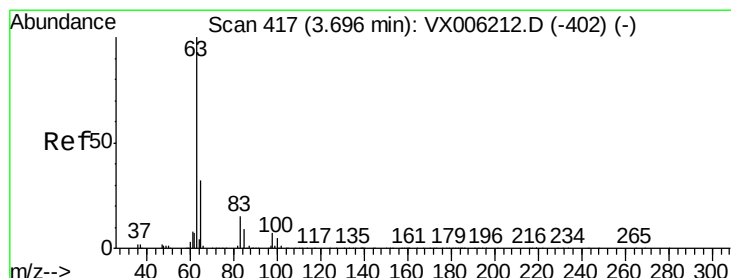
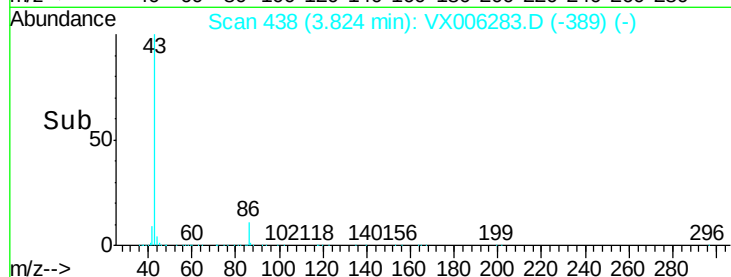
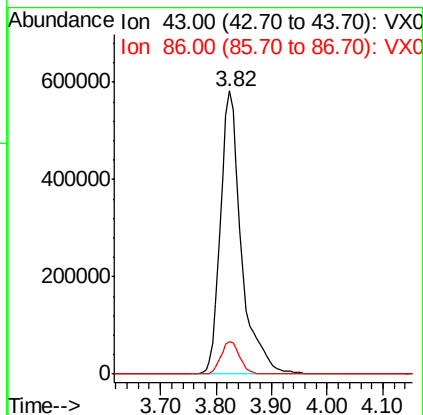
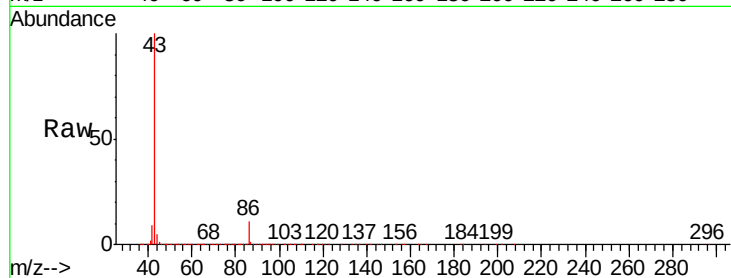
86 11.4 9.4 14.0

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12/5/2018 10:11:54 AM



#24

1,1-Dichloroethane

Concen: 19.081 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

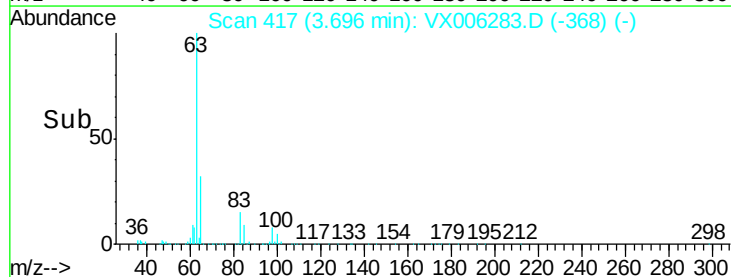
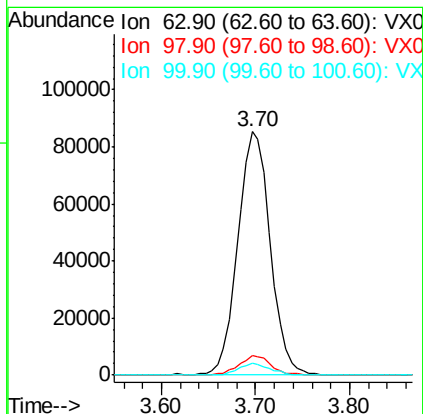
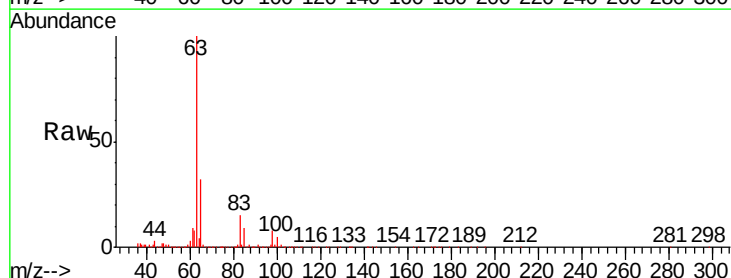
Tgt Ion: 63 Resp: 203851

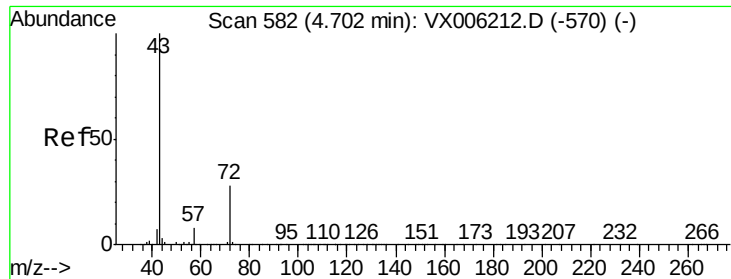
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

100 5.1 2.5 7.4





#25

2-Butanone

Concen: 96.982 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion: 43 Resp: 443823

Ion Ratio Lower Upper

43 100

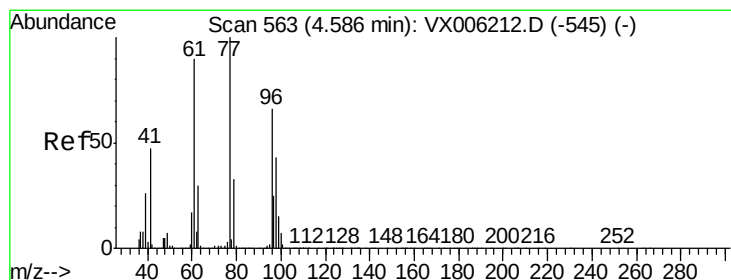
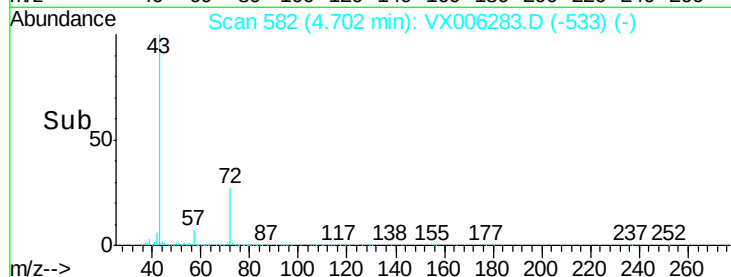
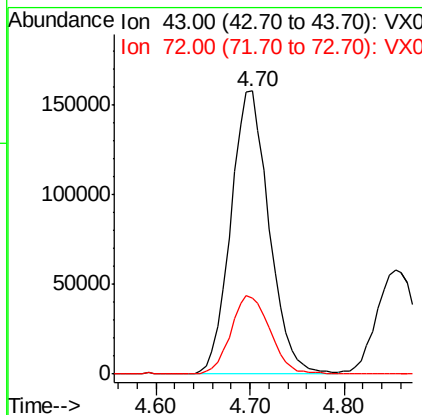
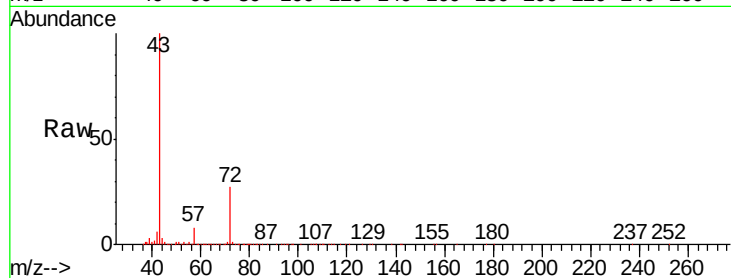
72 26.6 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.745 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006283.D

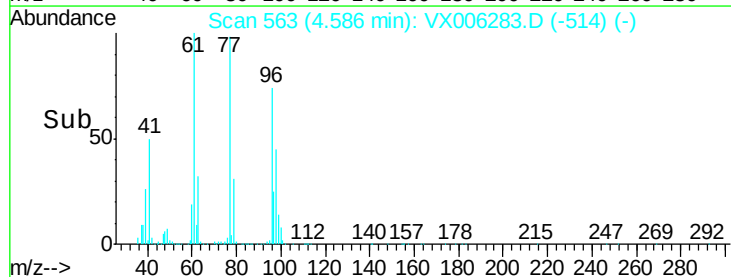
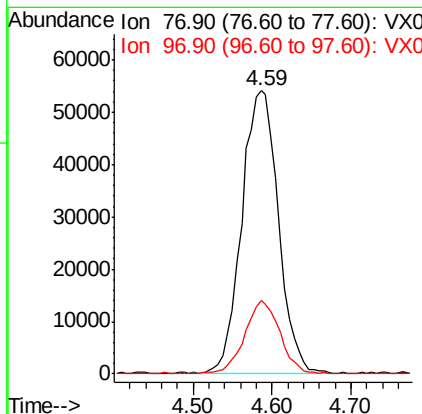
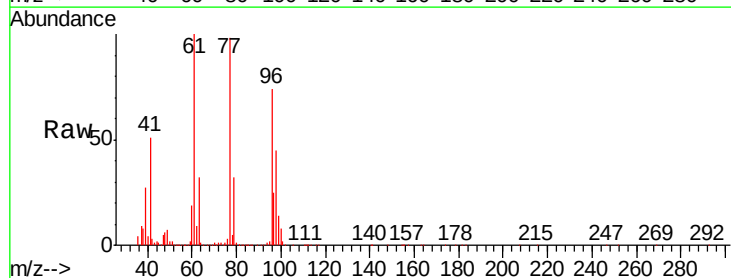
Acq: 04 Dec 2018 17:21

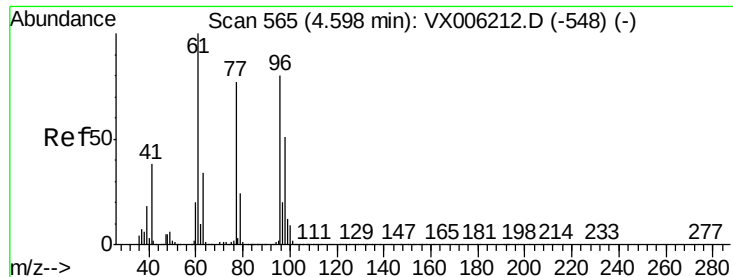
Tgt Ion: 77 Resp: 174964

Ion Ratio Lower Upper

77 100

97 24.6 12.3 36.8





#27

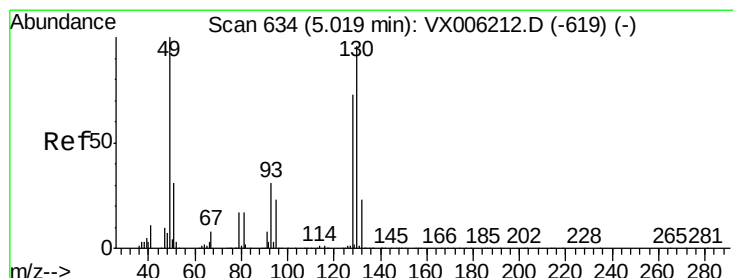
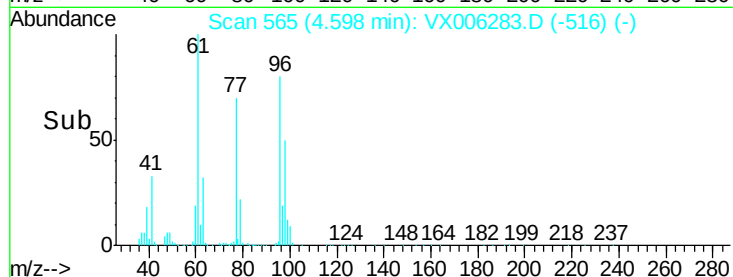
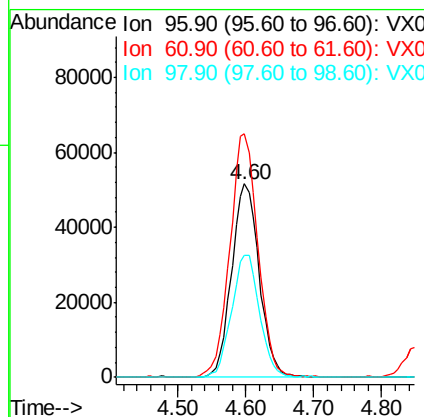
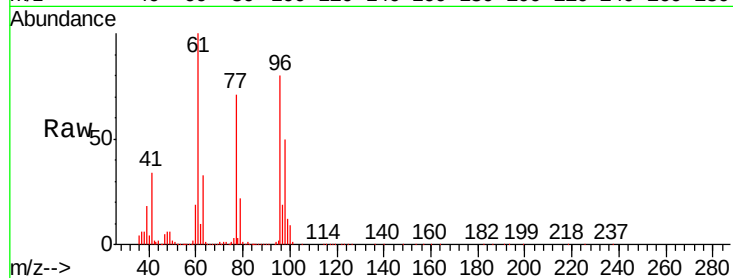
cis-1,2-Dichloroethene
Concen: 20.228 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	145660		
61	127.7	0.0	265.0	
98	63.8	0.0	130.2	

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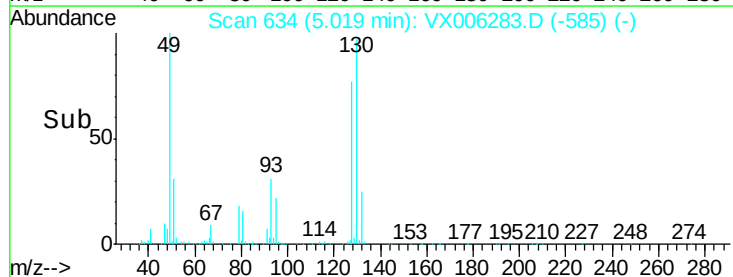
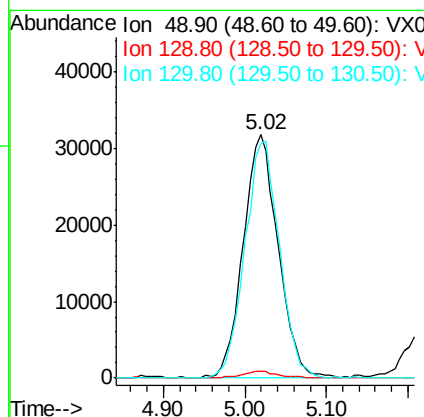
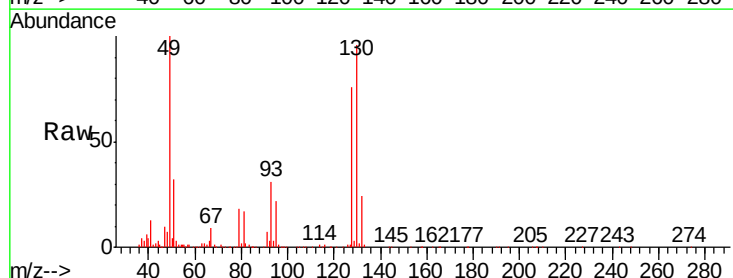
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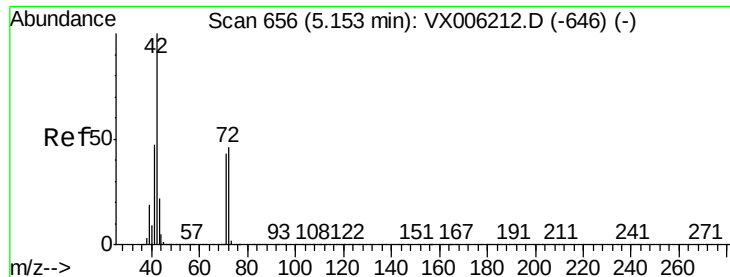


#28

Bromochloromethane
Concen: 20.345 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	94942		
129	2.8	0.0	5.0	
130	96.4	78.3	117.5	





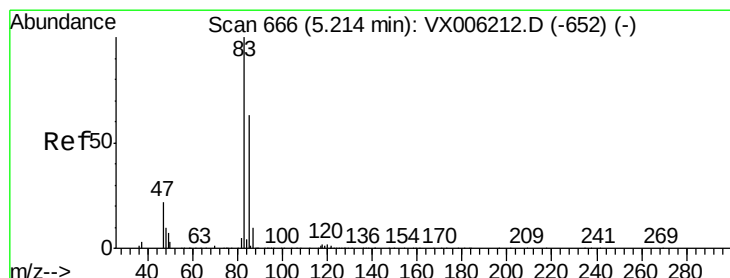
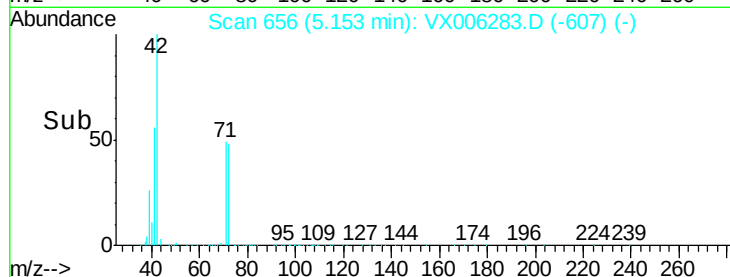
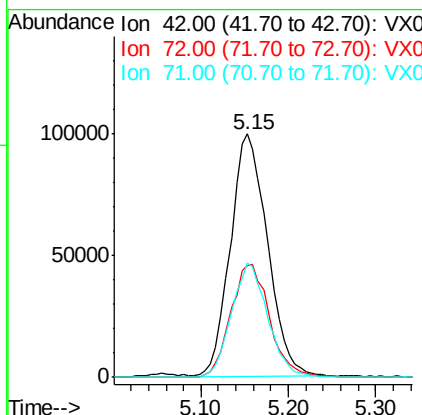
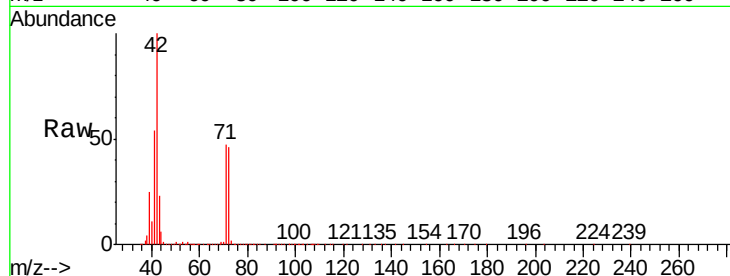
#29
Tetrahydrofuran
Concen: 92.351 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.8	37.8	56.8
71	46.0	35.2	52.8

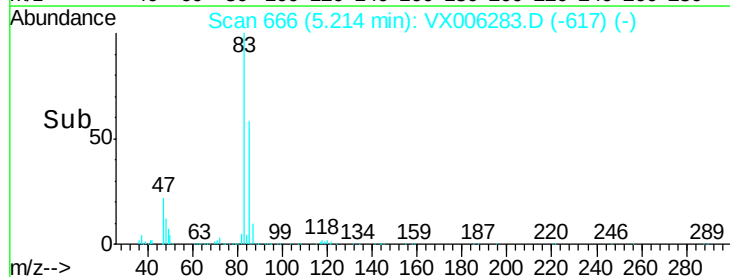
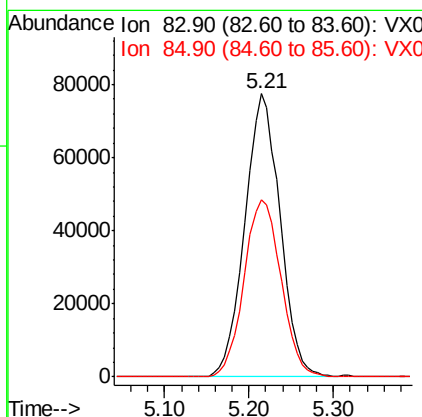
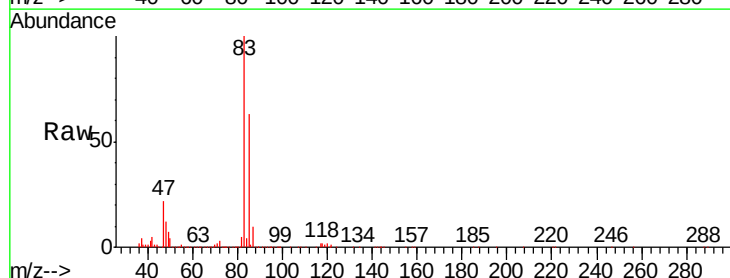
Manual Integrations
APPROVED

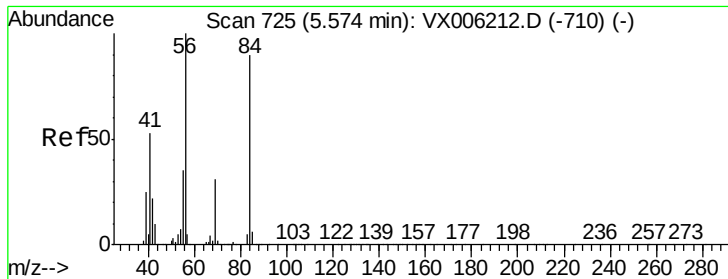
MMDadoda
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#30
Chloroform
Concen: 19.630 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.3	75.5





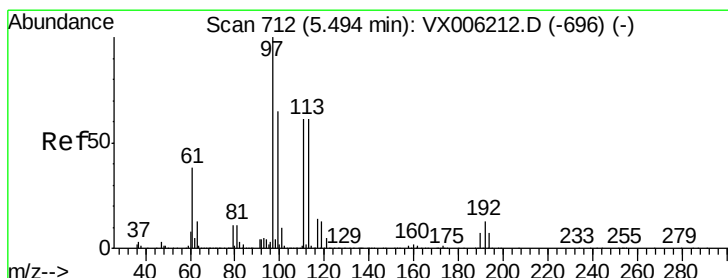
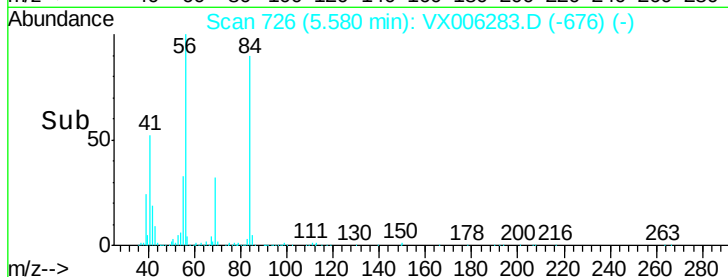
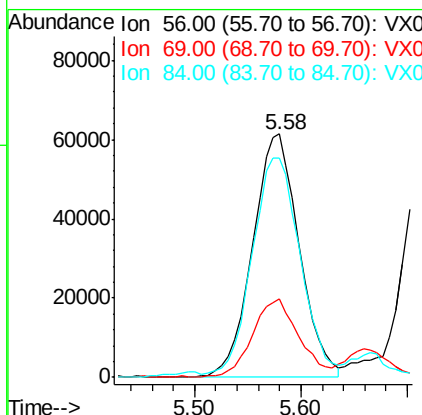
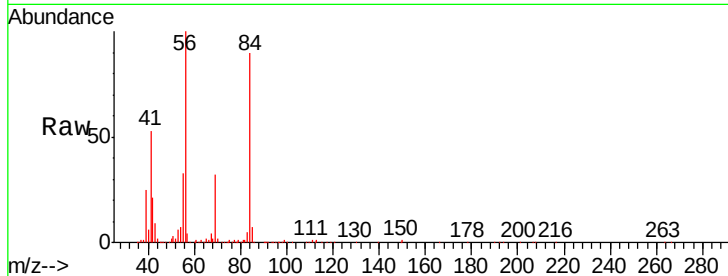
#31
Cyclohexane
Concen: 18.887 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.5	36.7
84	87.8	71.8	107.6

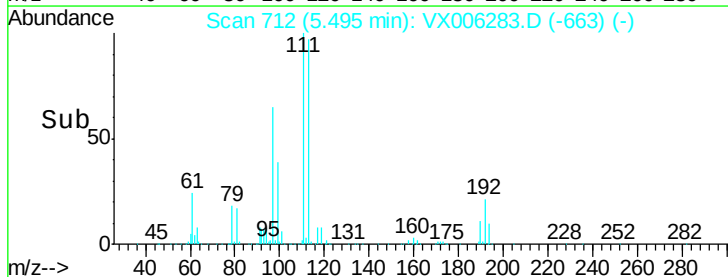
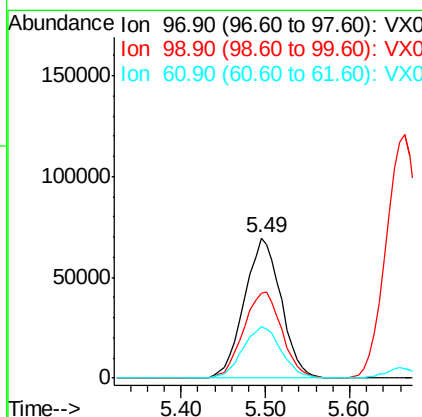
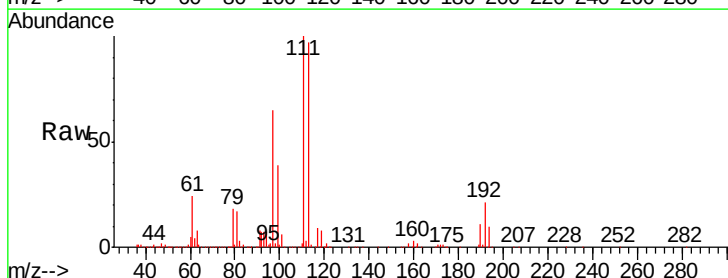
Manual Integrations
APPROVED

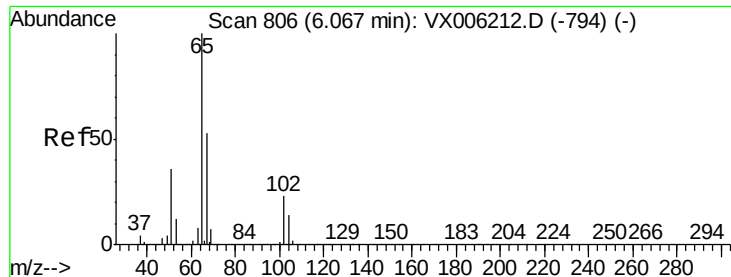
MMDadoda
12/5/2018 10:11:54 AM



#32
1,1,1-Trichloroethane
Concen: 19.254 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	37.9	30.6	46.0





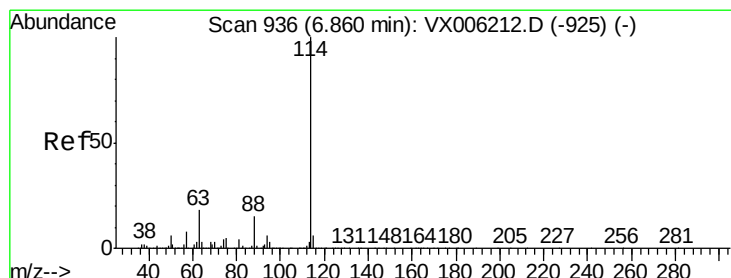
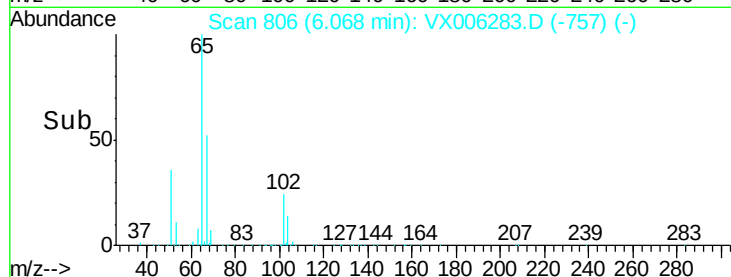
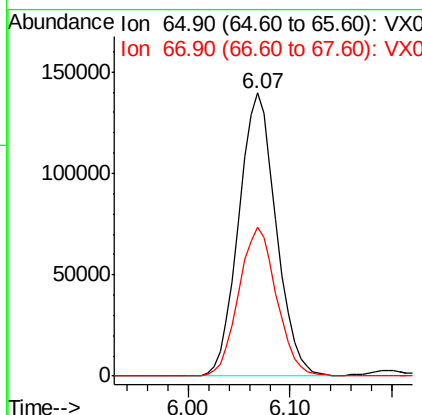
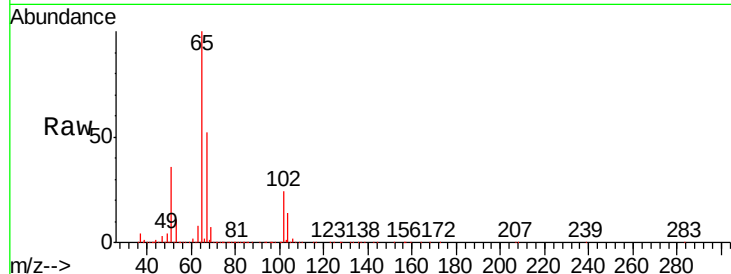
#33
 1,2-Dichloroethane-d4
 Concen: 51.950 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006283.D
 Acq: 04 Dec 2018 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.2

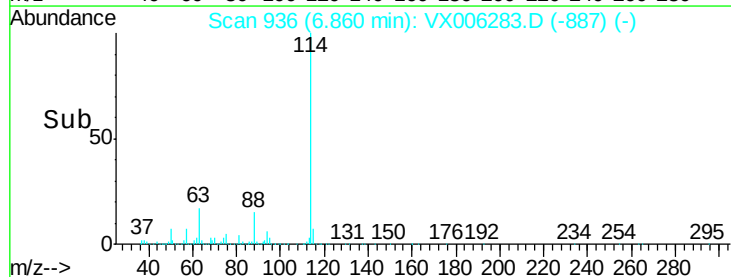
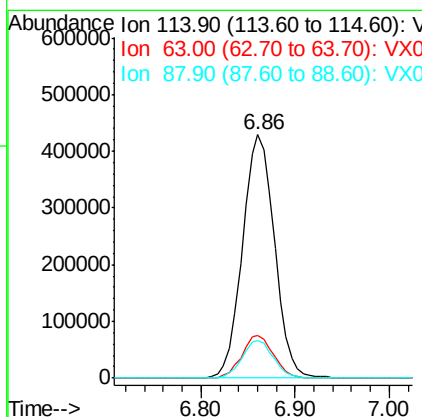
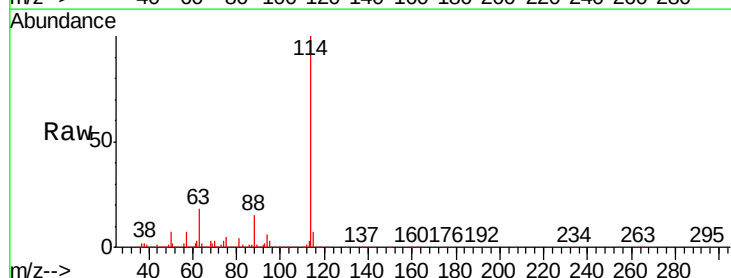
Manual Integrations
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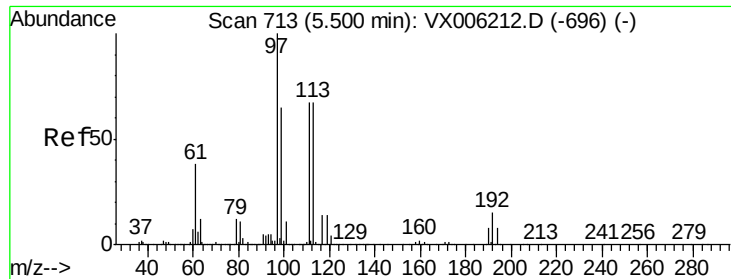
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006283.D
 Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.6
88	15.4	0.0	29.0





#35

Dibromofluoromethane

Concen: 51.317 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

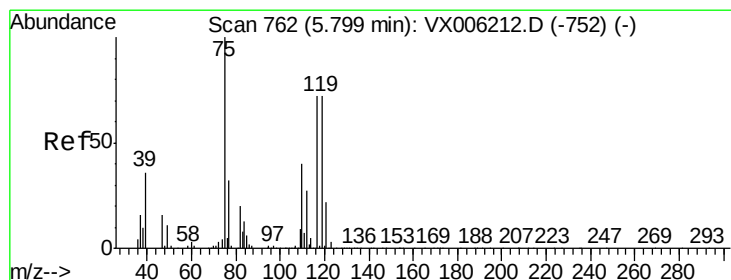
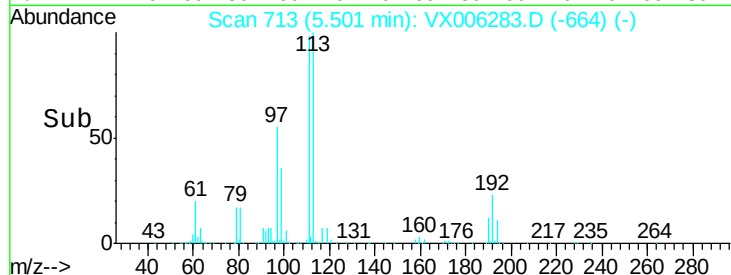
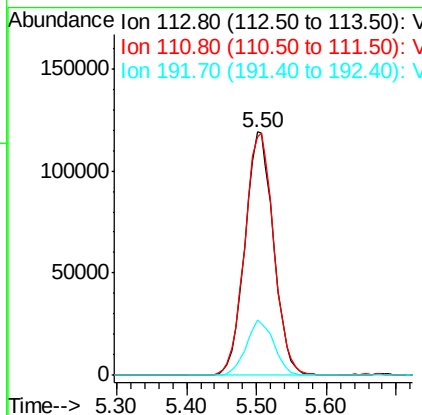
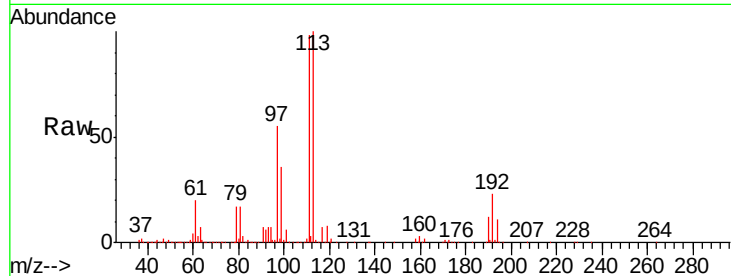
ClientSampleId :

VX1204WBSD01

Tgt Ion:	113	Resp:	336997
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.1	121.7
192	22.1	18.2	27.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.380 ug/l

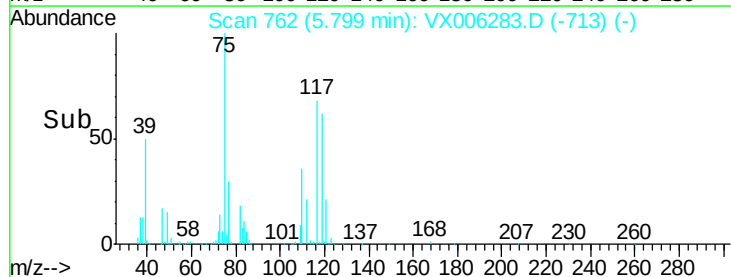
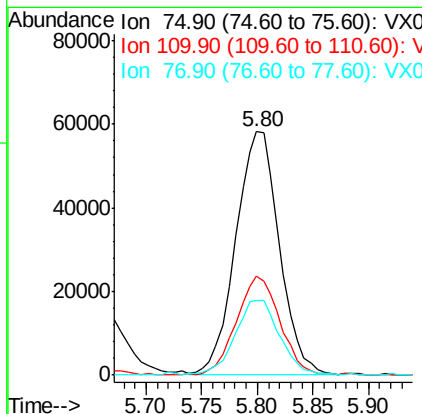
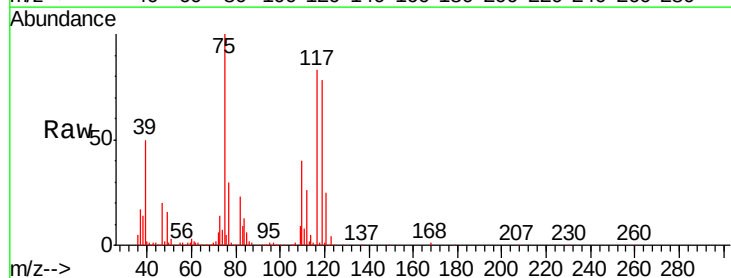
RT: 5.80 min Scan# 762

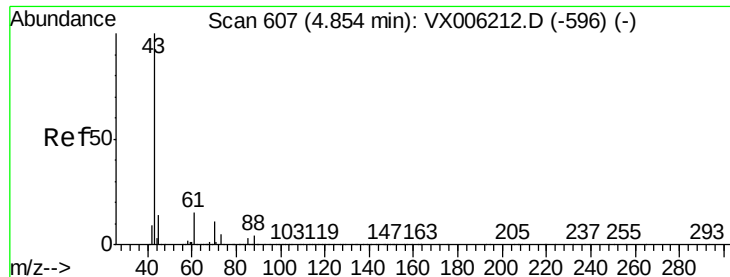
Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Tgt Ion:	75	Resp:	156987
Ion Ratio	Lower	Upper	
75	100		
110	40.8	20.4	61.3
77	31.5	24.9	37.3





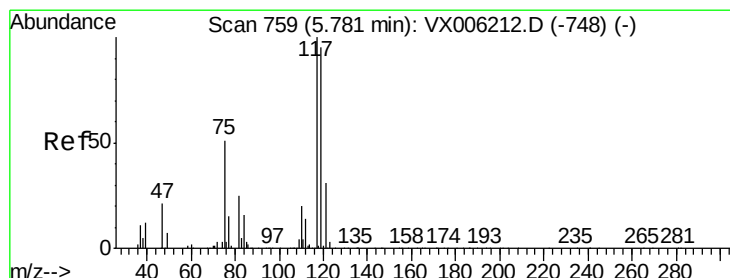
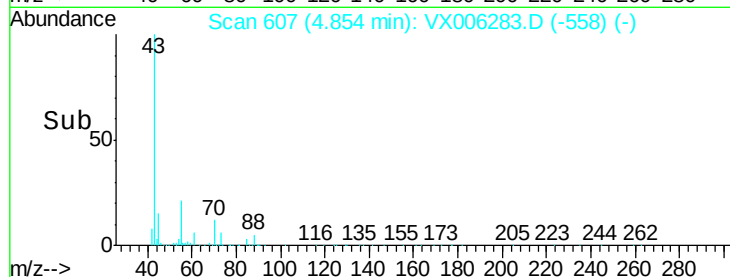
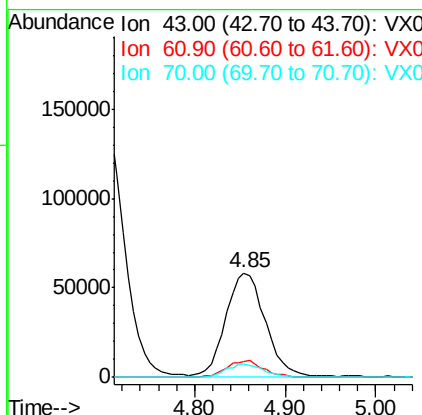
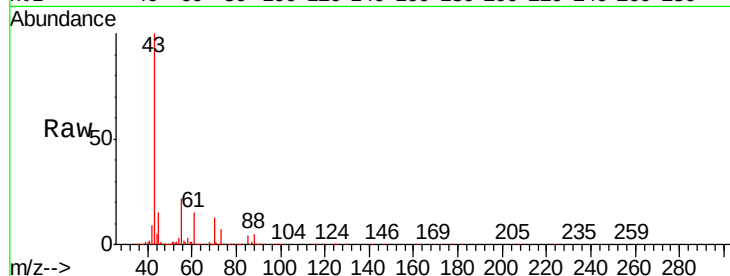
#37
Ethyl Acetate
Concen: 18.211 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.5	17.3
70	12.7	9.0	13.6

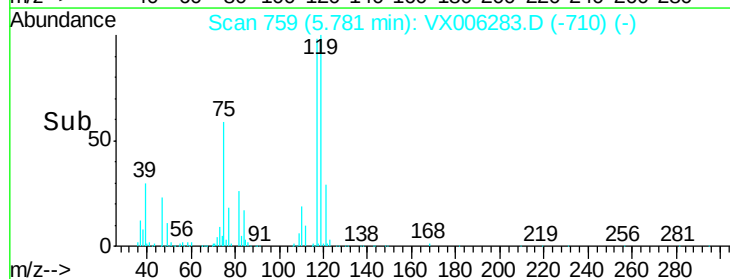
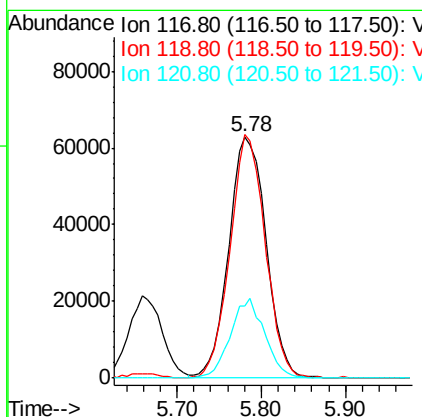
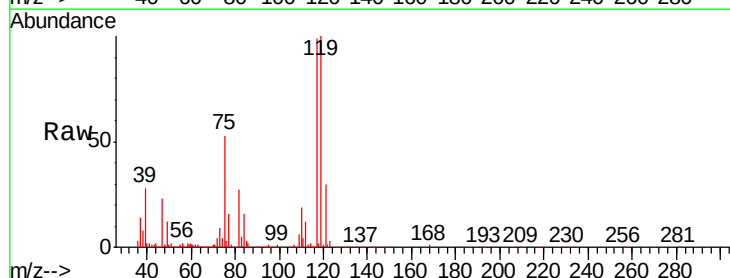
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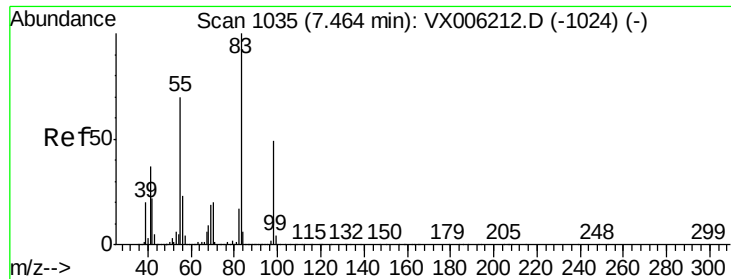
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#38
Carbon Tetrachloride
Concen: 18.761 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.7	75.8	113.8
121	29.8	24.6	37.0





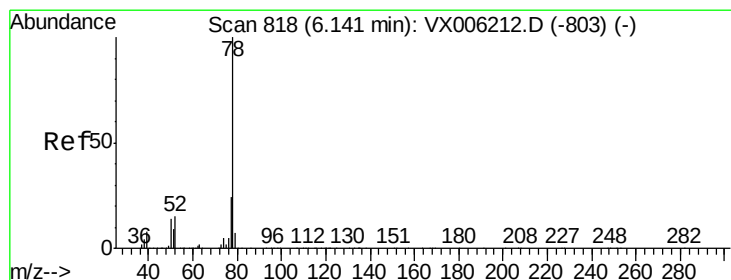
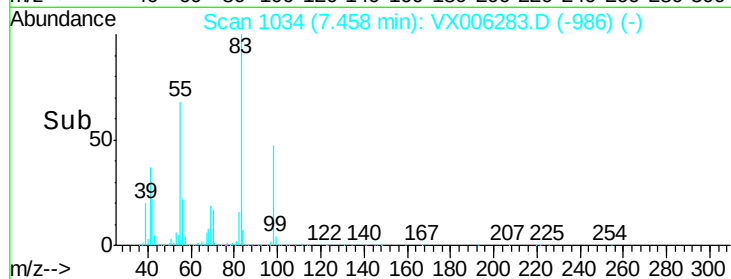
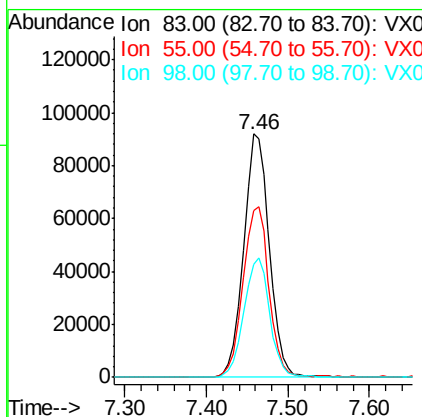
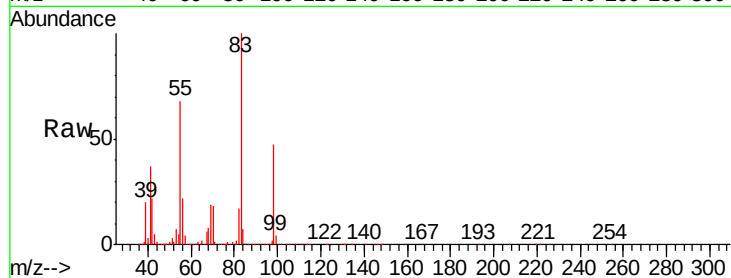
#39
Methylcyclohexane
Concen: 18.165 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.2	56.4	84.6
98	46.5	39.0	58.6

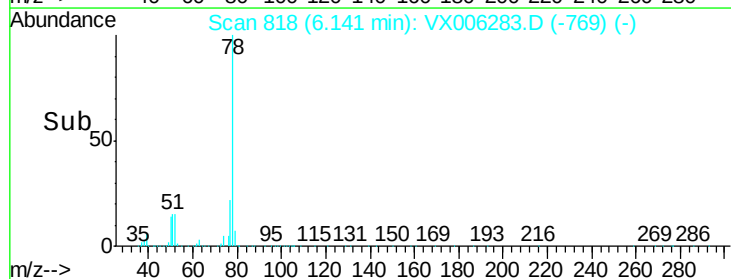
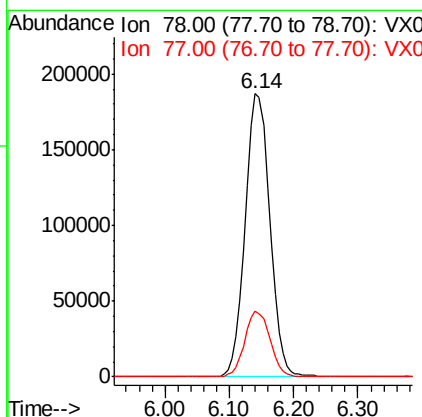
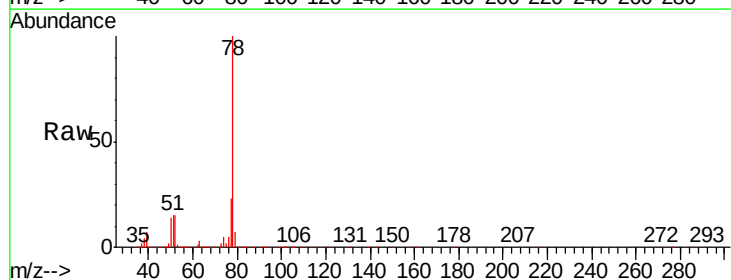
Manual Integrations
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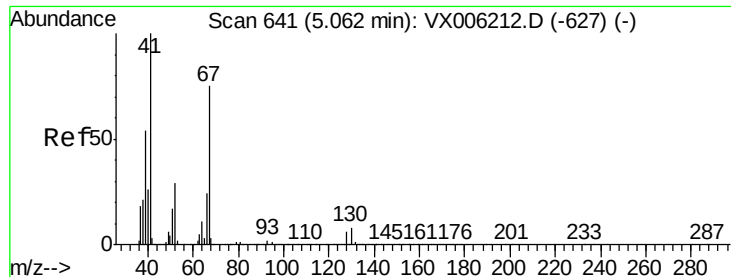
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#40
Benzene
Concen: 19.183 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.2	28.8





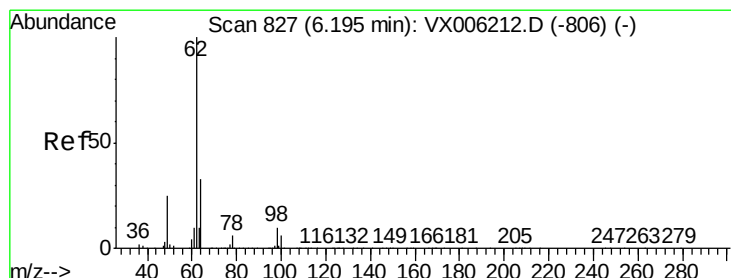
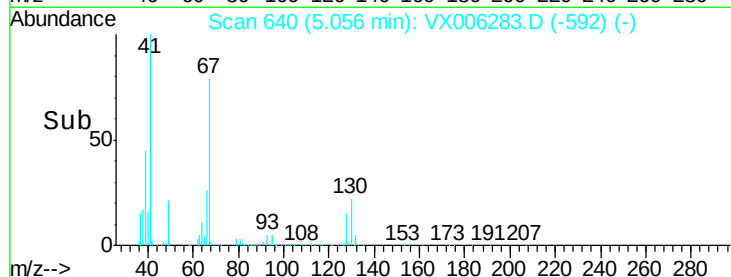
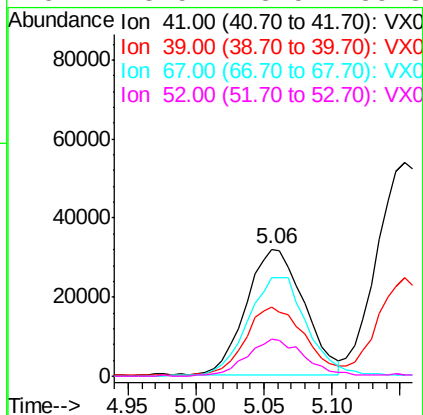
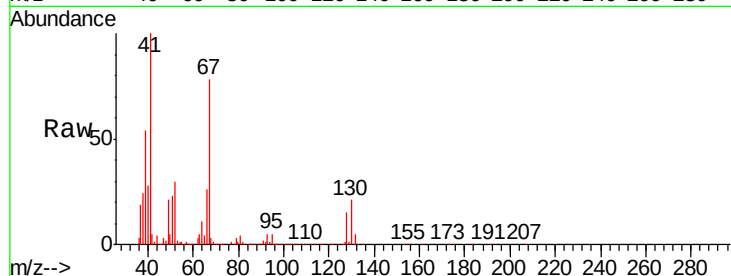
#41
Methacrylonitrile
Concen: 18.010 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	44.0	66.0	
67	79.0	61.4	92.0	
52	28.5	23.5	35.3	

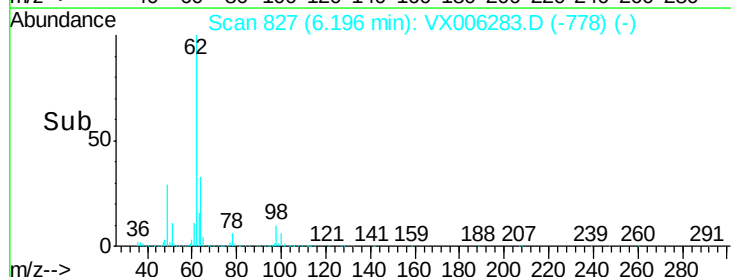
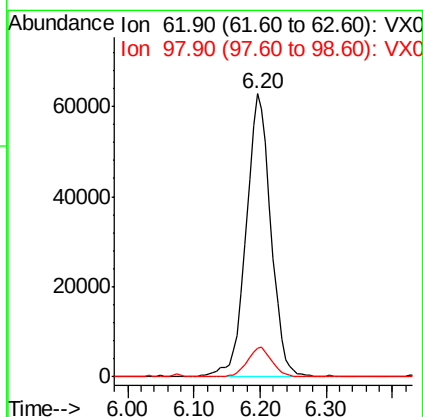
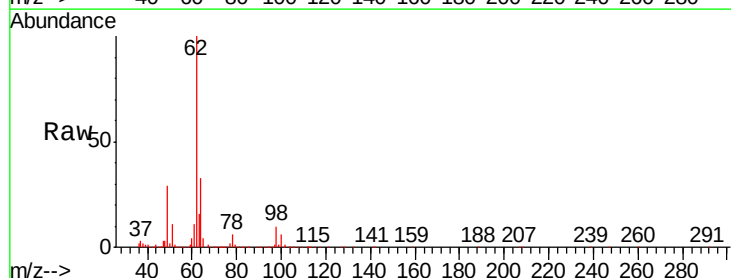
Manual Integrations
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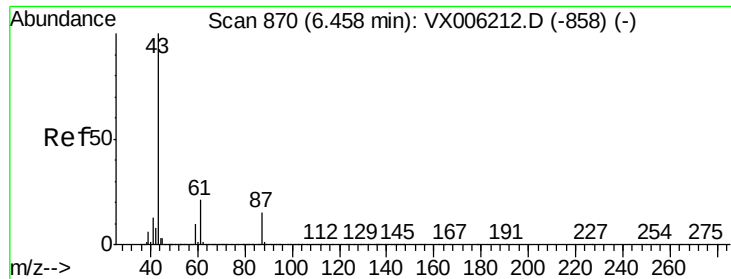
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12/5/2018 10:11:54 AM



#42
1,2-Dichloroethane
Concen: 19.429 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.2	





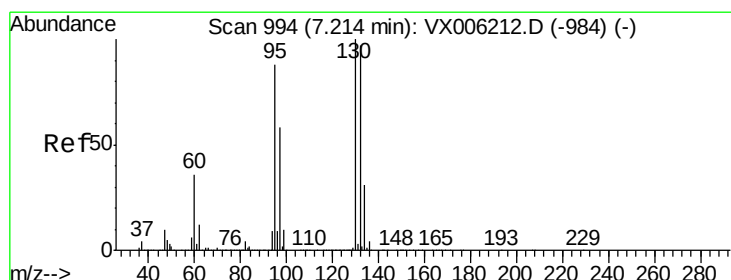
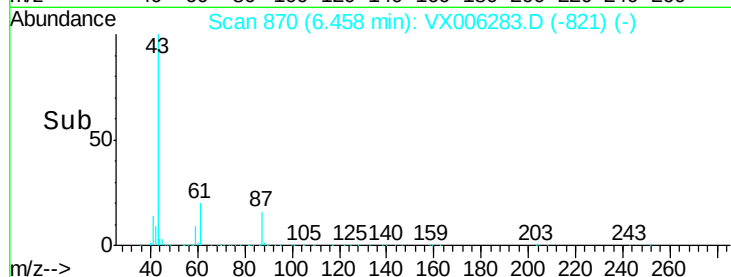
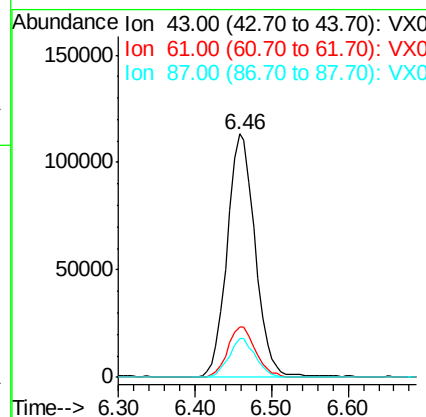
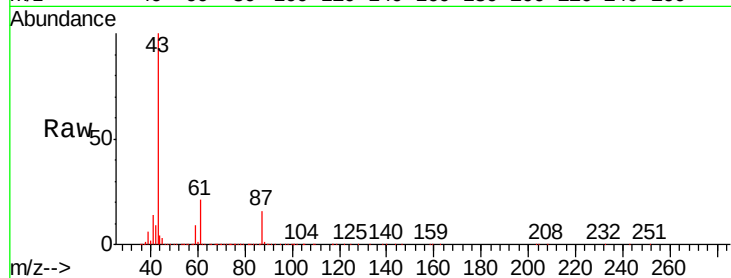
#43
Isopropyl Acetate
Concen: 17.863 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.8	25.2
87	15.3	11.9	17.9

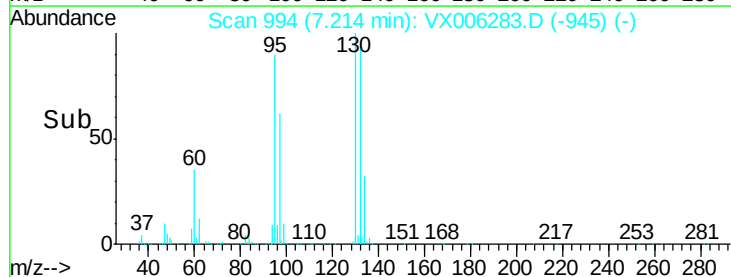
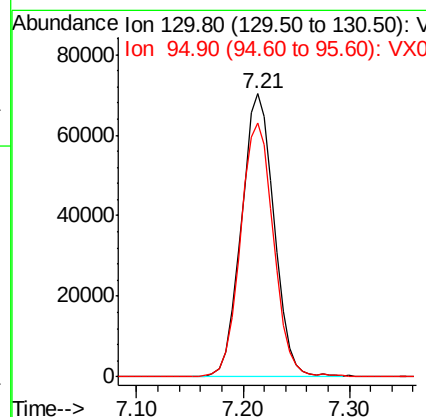
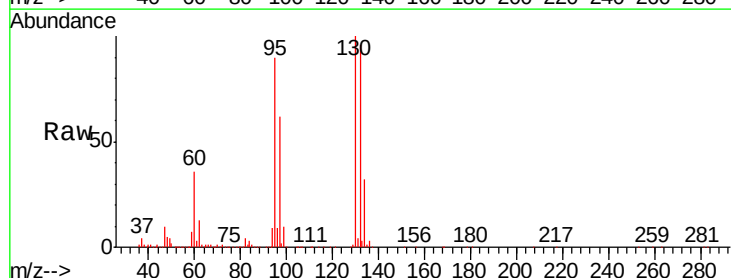
Manual Integrations
APPROVED

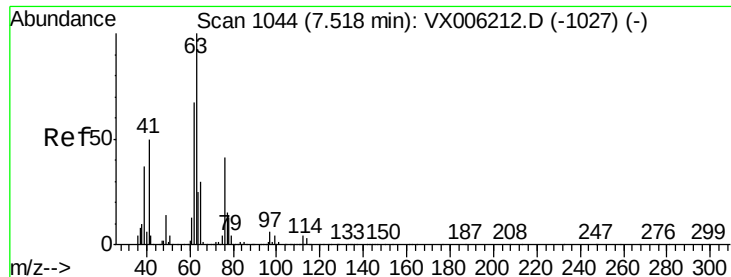
MMDadoda
12/5/2018 10:11:54 AM



#44
Trichloroethene
Concen: 19.592 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	175.8





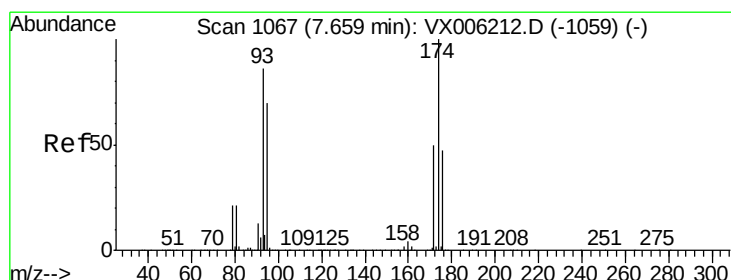
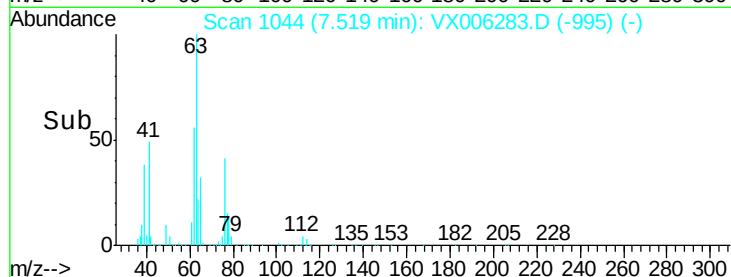
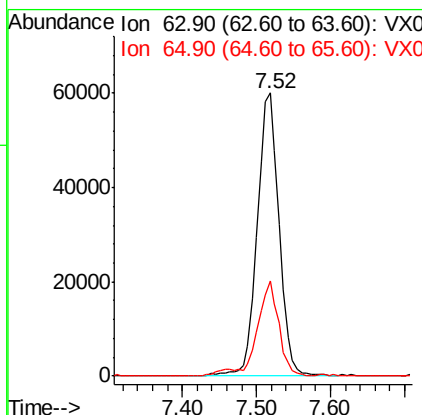
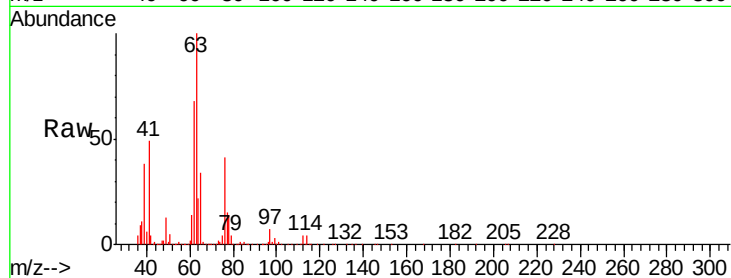
#45
 1,2-Dichloropropane
 Concen: 18.921 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006283.D
 Acq: 04 Dec 2018 17:21

Instrument :
 MSVOA_X
 ClientSampled :
 VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.6	24.3	36.5

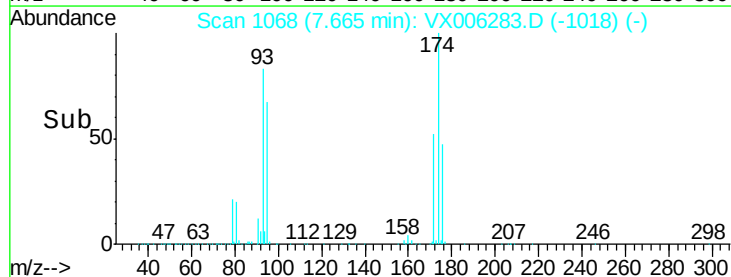
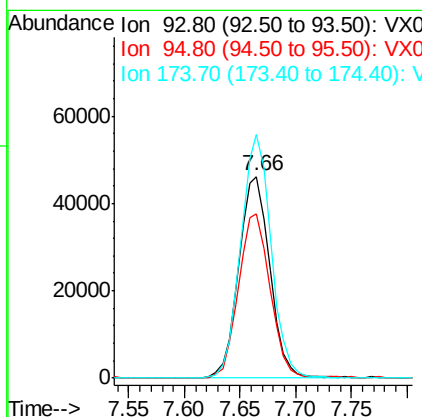
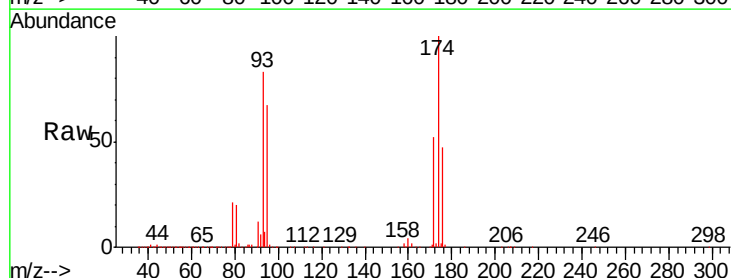
Manual Integrations
 APPROVED

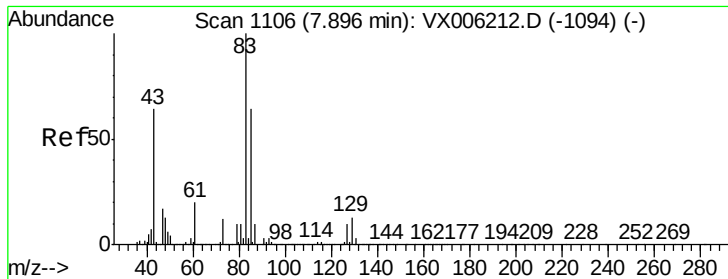
MMDadoda
 12/5/2018 10:11:54 AM



#46
 Dibromomethane
 Concen: 19.153 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006283.D
 Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	66.2	99.4
174	117.7	97.2	145.8





#47

Bromodichloromethane

Concen: 18.356 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

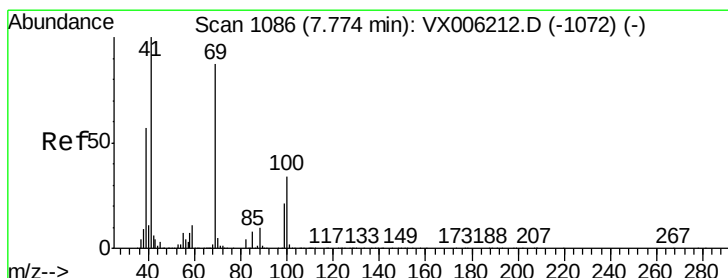
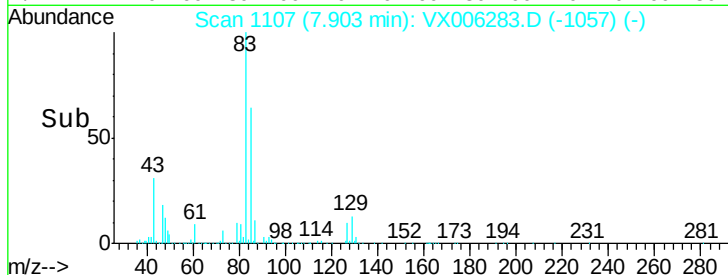
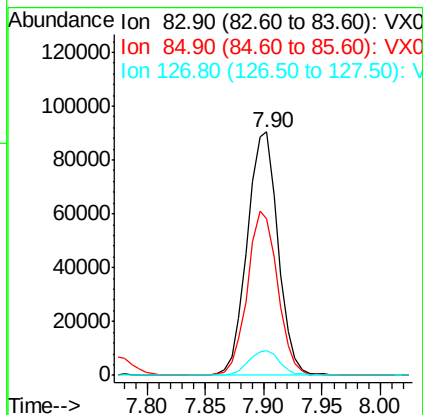
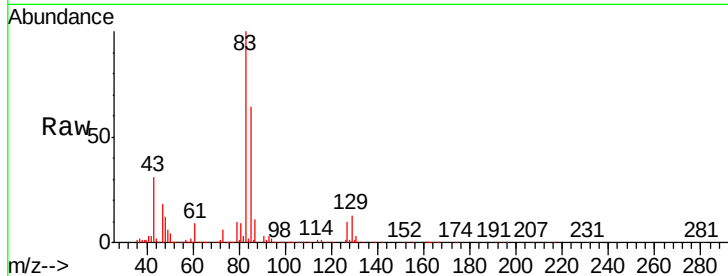
ClientSampleId :

VX1204WBSD01

Tgt Ion:	83	Resp:	166910
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.0
127	10.2	7.9	11.9

Manual Integrations
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12/5/2018 10:11:54 AM



#48

Methyl methacrylate

Concen: 18.095 ug/l

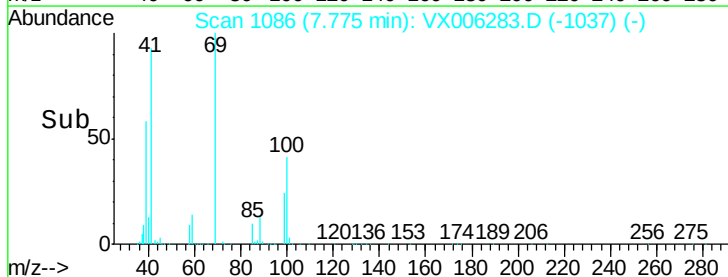
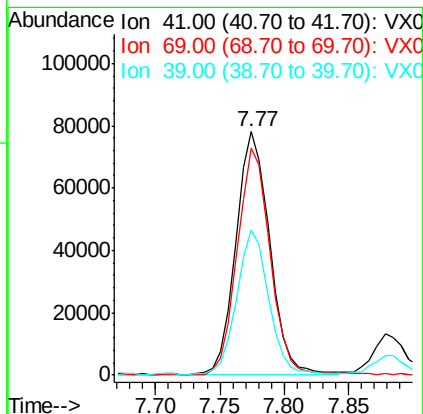
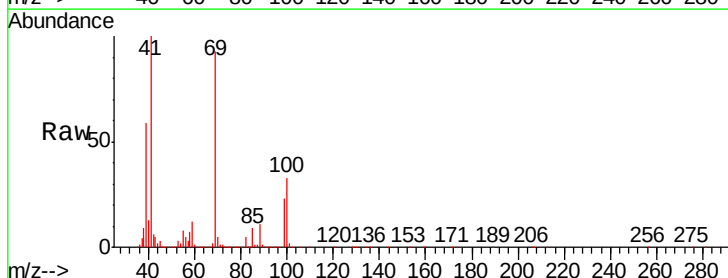
RT: 7.77 min Scan# 1086

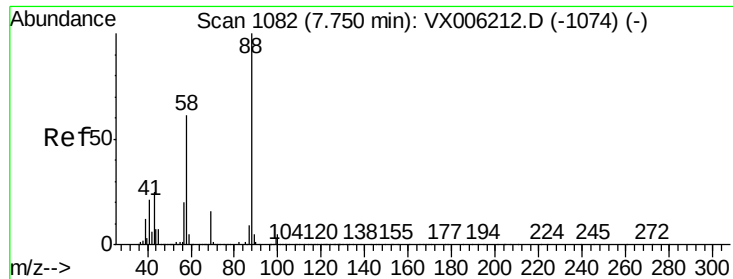
Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Tgt Ion:	41	Resp:	140386
Ion	Ratio	Lower	Upper
41	100		
69	92.6	70.3	105.5
39	56.7	45.3	67.9





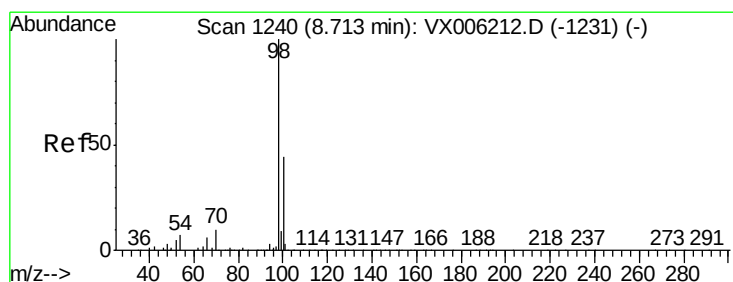
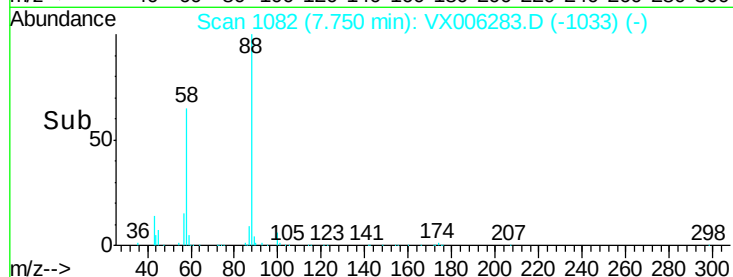
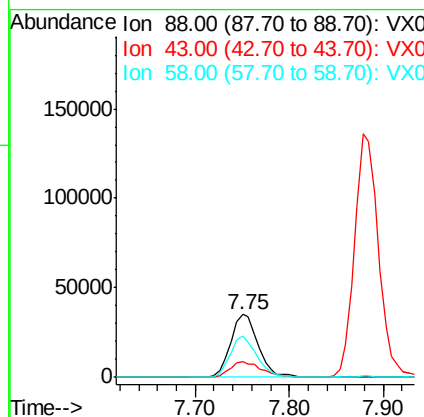
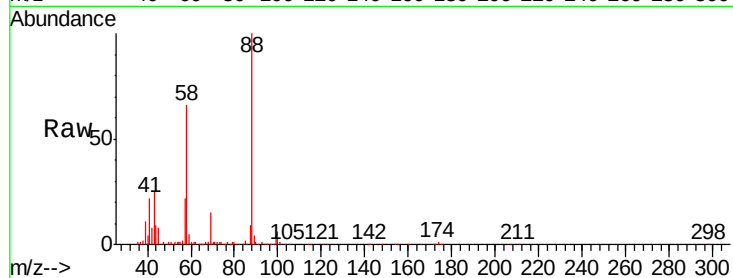
#49
1,4-Dioxane
Concen: 371.634 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.2	34.8
58	63.7	51.4	77.0

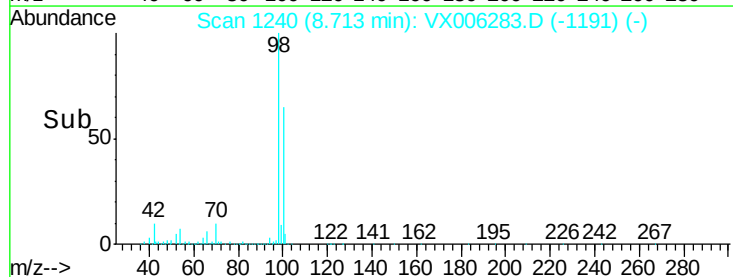
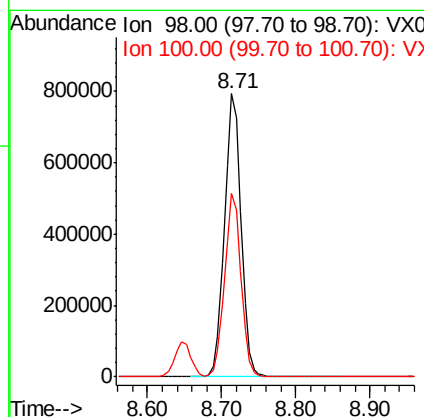
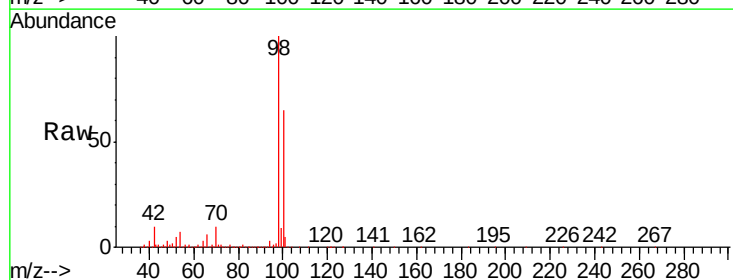
Manual Integrations
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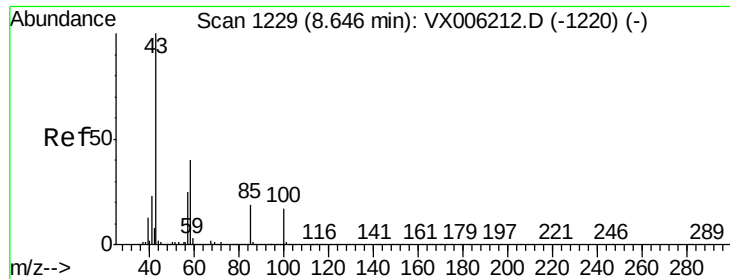
MMDadoda
12/5/2018 10:11:54 AM



#50
Toluene-d8
Concen: 51.515 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.2





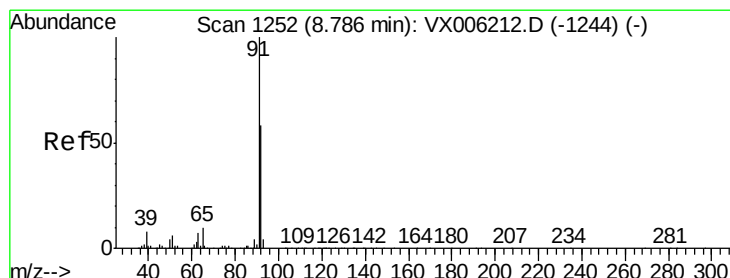
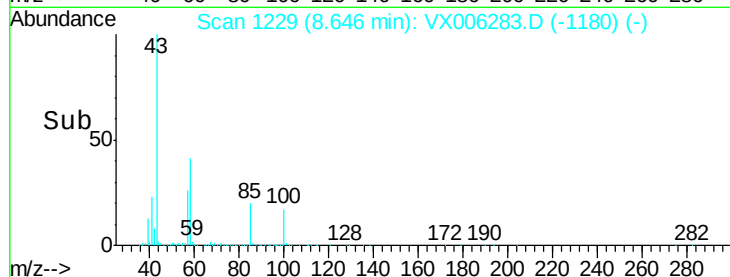
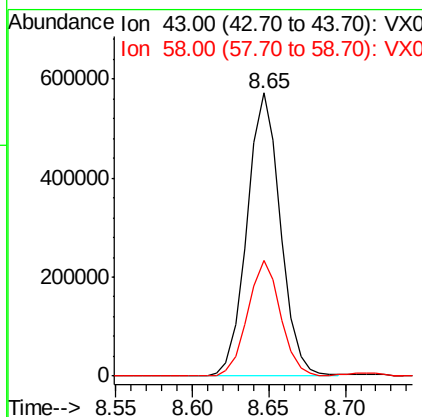
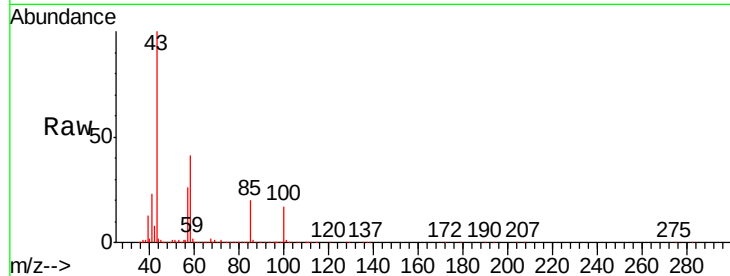
#51
 4-Methyl-2-Pentanone
 Concen: 93.309 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006283.D
 Acq: 04 Dec 2018 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Tgt Ion: 43 Resp: 866264
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.3 46.9

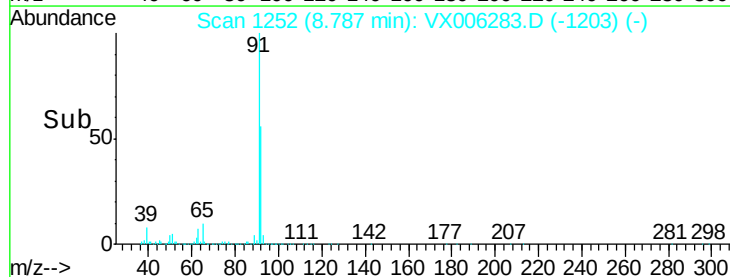
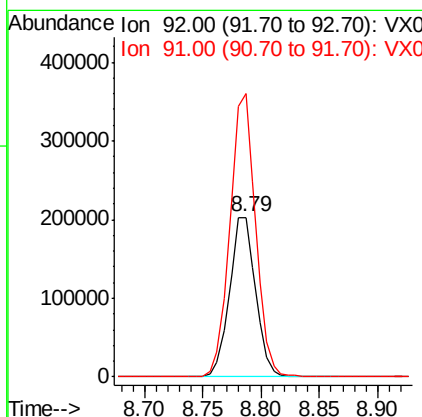
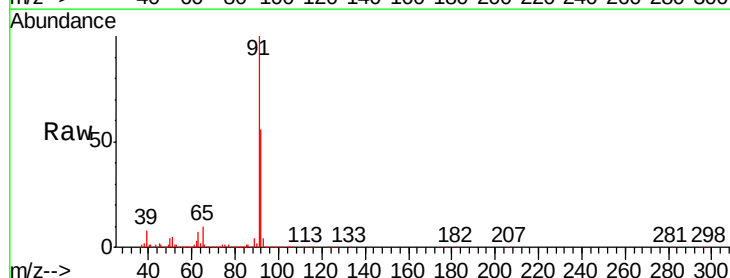
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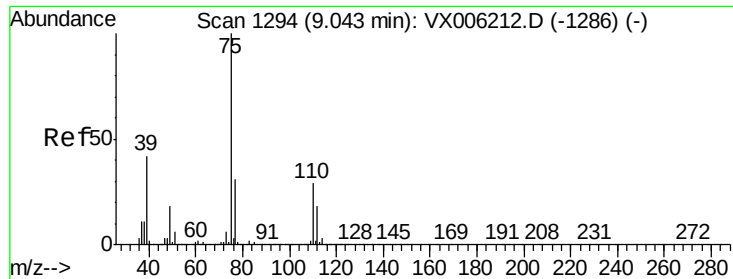
MMDadoda
 12/5/2018 10:11:54 AM



#52
 Toluene
 Concen: 18.825 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006283.D
 Acq: 04 Dec 2018 17:21

Tgt Ion: 92 Resp: 316829
 Ion Ratio Lower Upper
 92 100
 91 174.2 139.2 208.8





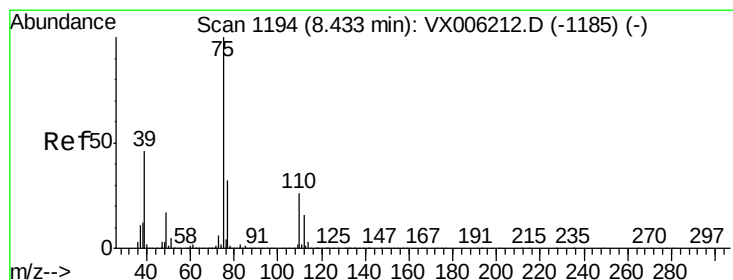
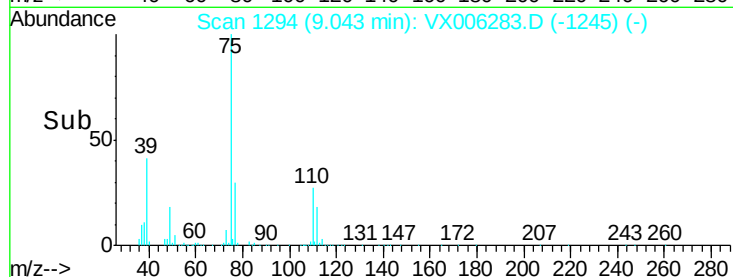
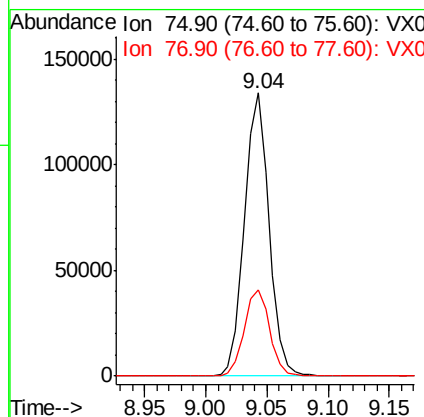
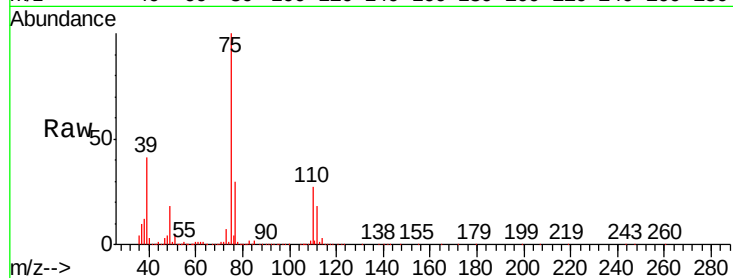
#53
t-1,3-Dichloropropene
Concen: 17.641 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion: 75 Resp: 187602
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.4

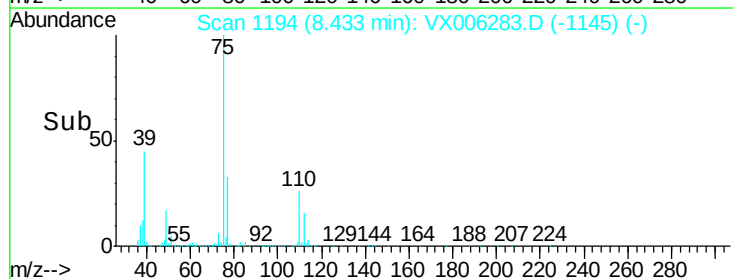
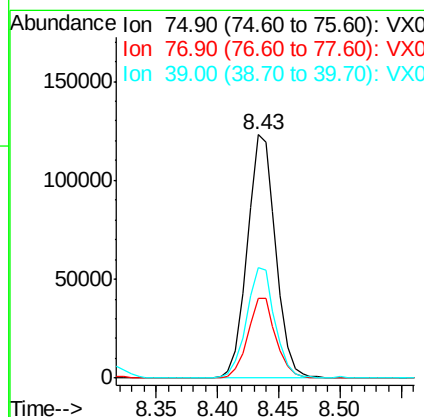
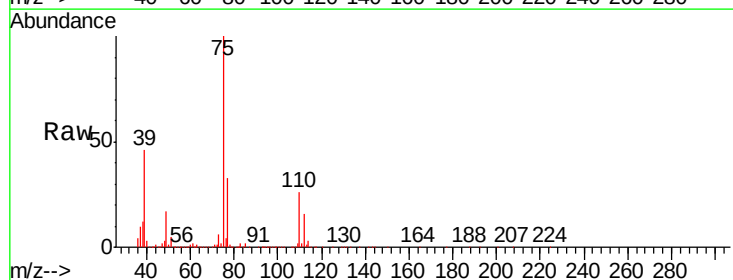
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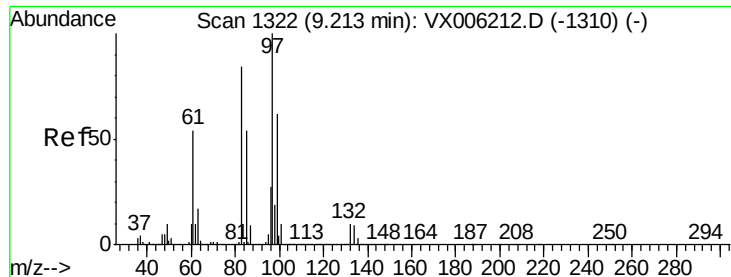
MMDadoda
12/5/2018 10:11:54 AM



#54
cis-1,3-Dichloropropene
Concen: 17.944 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion: 75 Resp: 198149
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4
39 45.4 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 19.701 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

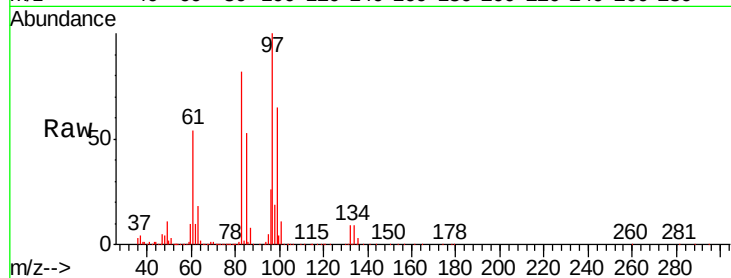
ClientSampleId :

VX1204WBSD01

Tgt Ion:	97	Resp:	134705
Ion Ratio	Lower	Upper	
97	100		
83	81.5	67.1	100.7
85	53.0	43.2	64.8
99	64.6	49.8	74.6

Manual Integrations
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MMDadoda
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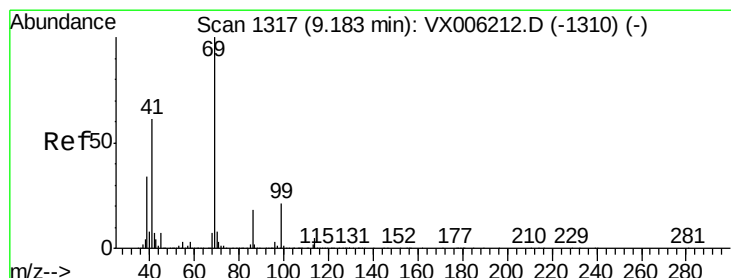
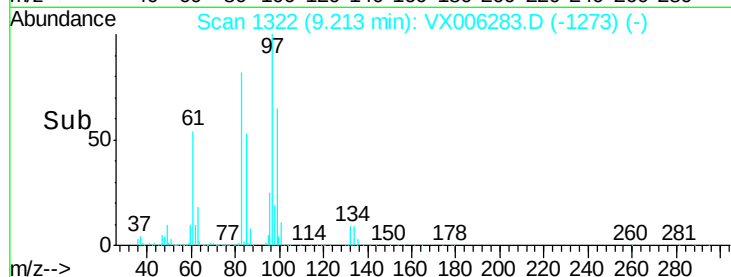
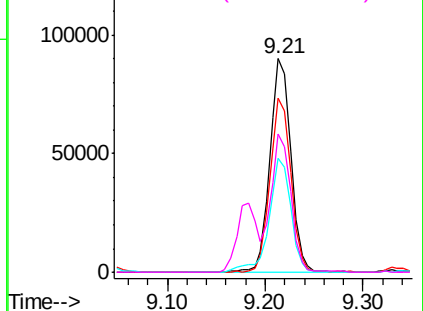


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.716 ug/l

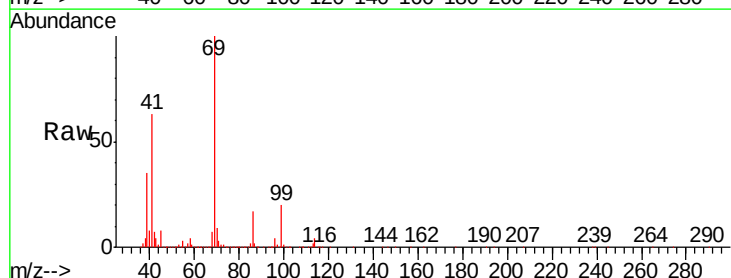
RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

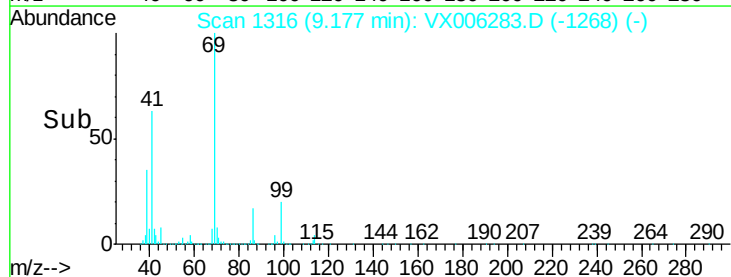
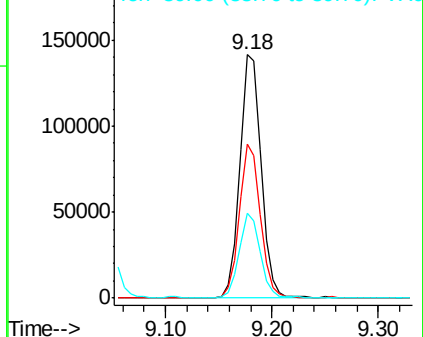
Tgt Ion:	69	Resp:	200052
Ion Ratio	Lower	Upper	
69	100		
41	61.9	50.6	76.0
39	33.8	27.6	41.4

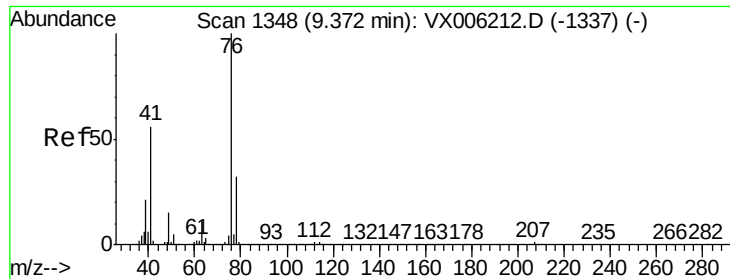


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





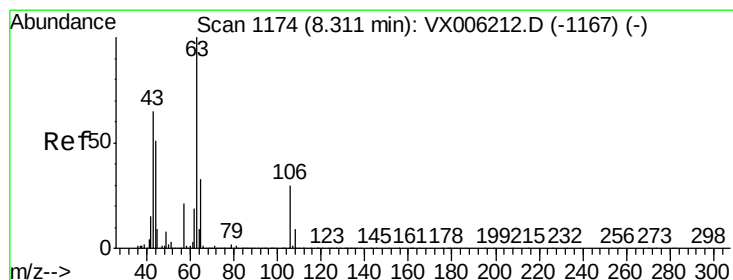
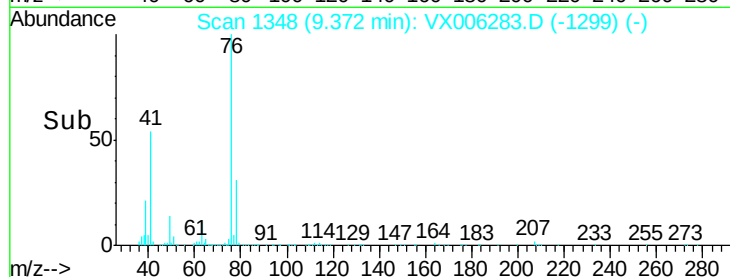
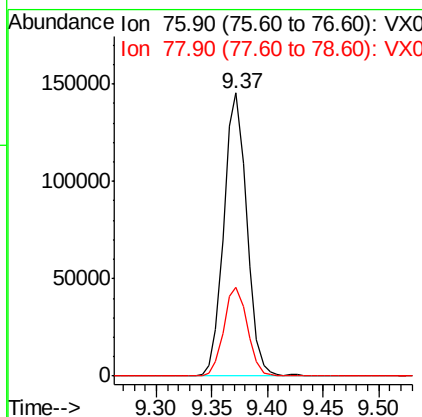
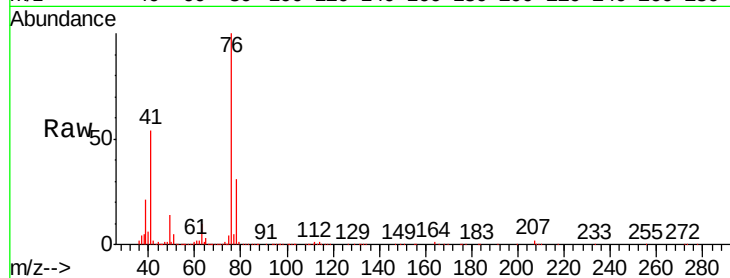
#57
 1,3-Dichloropropane
 Concen: 19.298 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006283.D
 Acq: 04 Dec 2018 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Tgt Ion: 76 Resp: 208645
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1

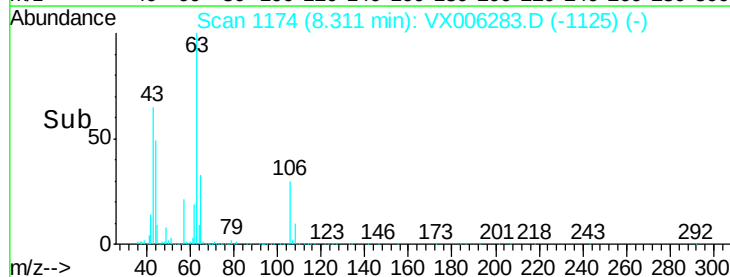
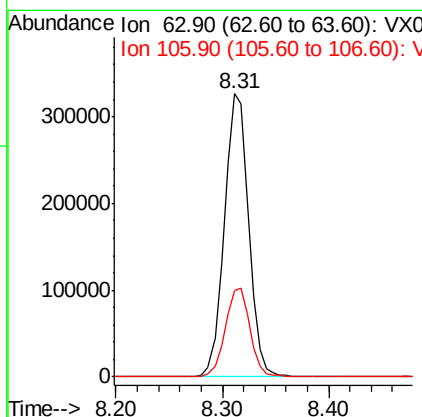
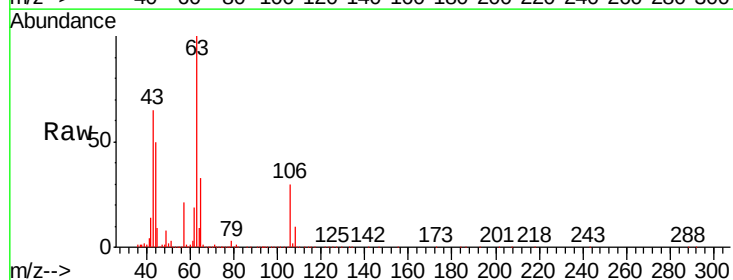
Manual Integrations
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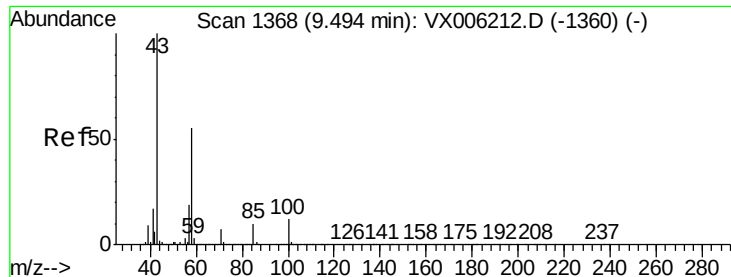
MMDadoda
 12/5/2018 10:11:54 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.094 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006283.D
 Acq: 04 Dec 2018 17:21

Tgt Ion: 63 Resp: 521221
 Ion Ratio Lower Upper
 63 100
 106 31.9 24.9 37.3





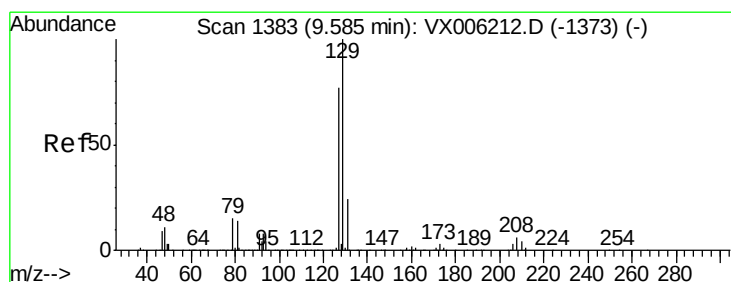
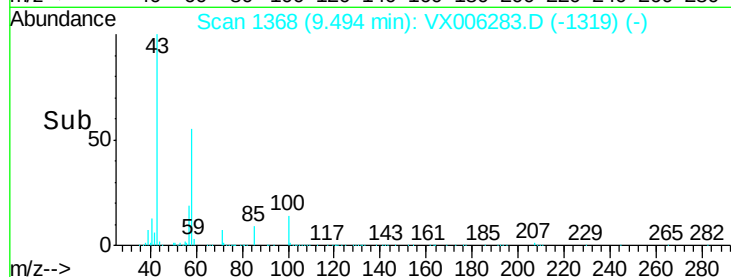
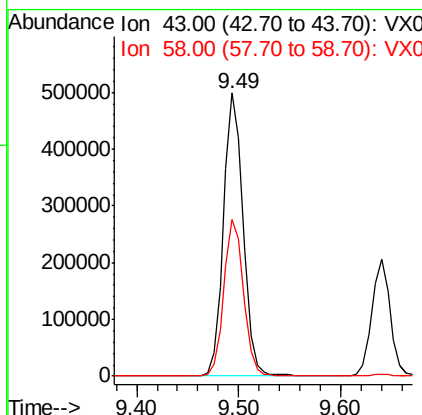
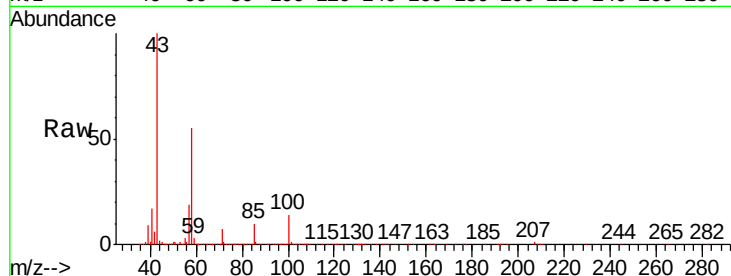
#59
2-Hexanone
Concen: 94.004 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion: 43 Resp: 666753
Ion Ratio Lower Upper
43 100
58 55.6 27.7 83.1

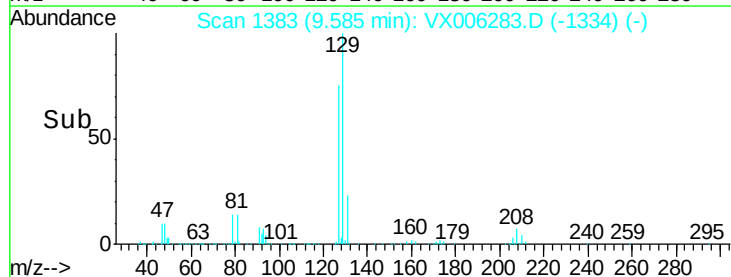
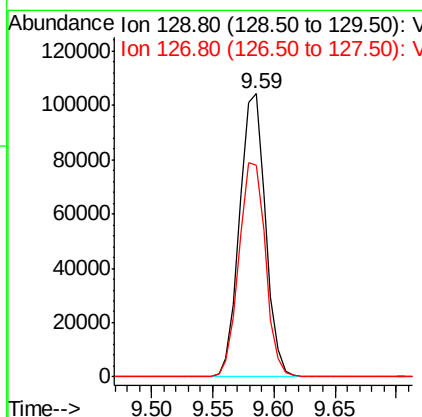
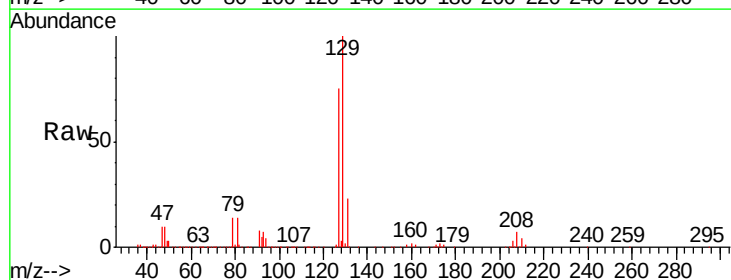
Manual Integrations
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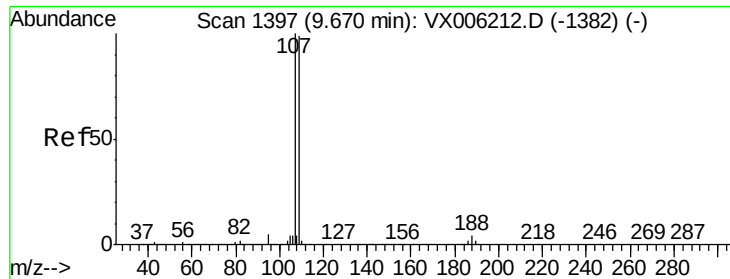
MMDadoda
12/5/2018 10:11:54 AM



#60
Dibromochloromethane
Concen: 18.142 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion: 129 Resp: 152952
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 18.770 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion: 107 Resp: 143501

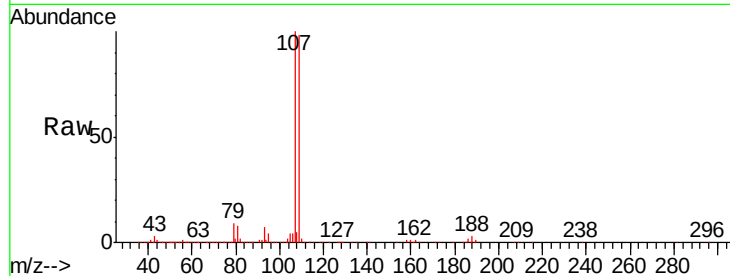
Ion Ratio Lower Upper

107 100

109 96.0 76.3 114.5

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12/5/2018 10:11:54 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

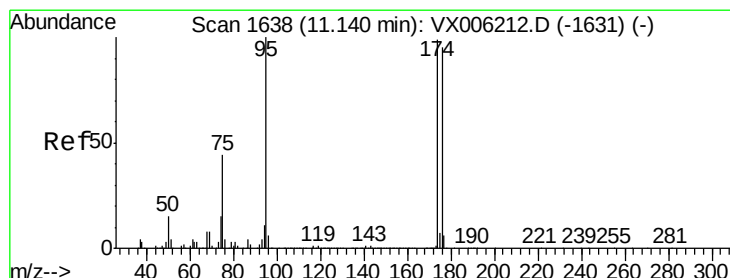
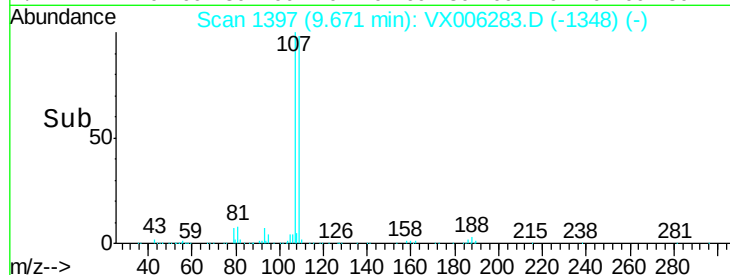
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.016 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

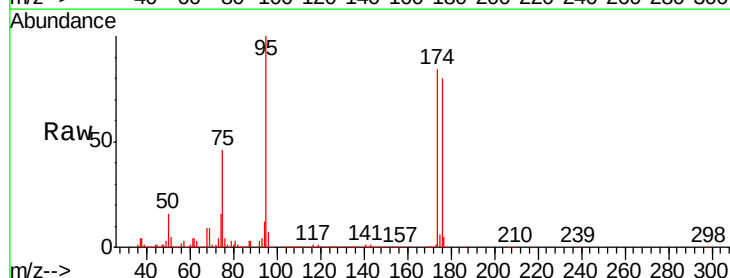
Tgt Ion: 95 Resp: 459210

Ion Ratio Lower Upper

95 100

174 90.7 0.0 187.0

176 88.1 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

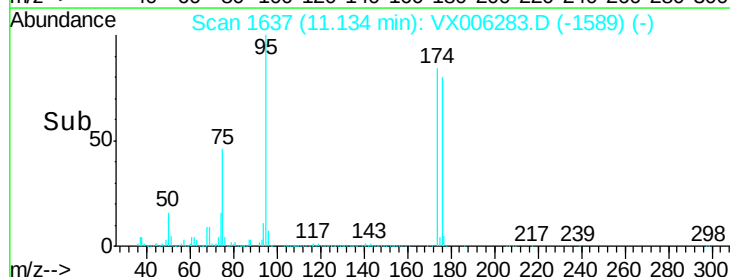
300000

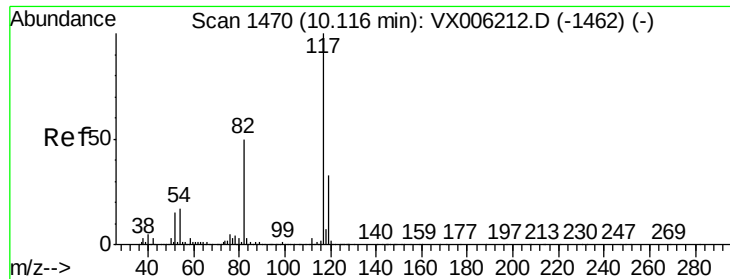
200000

100000

0

Time-->





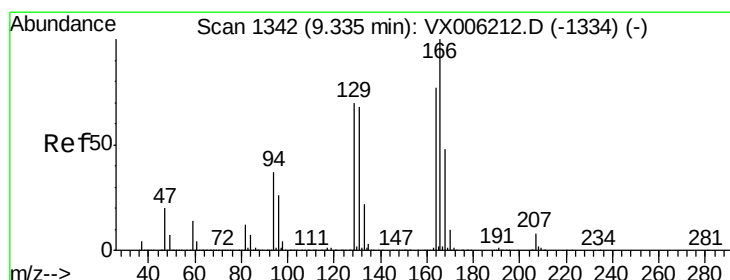
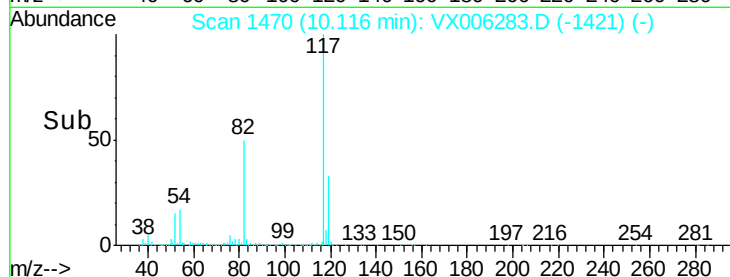
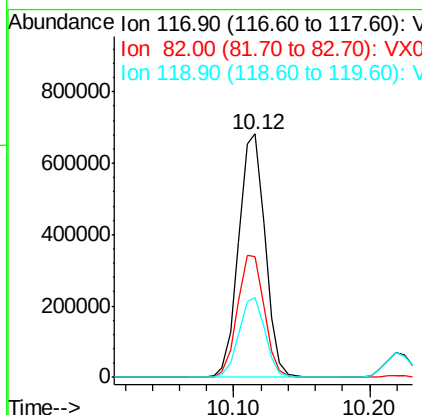
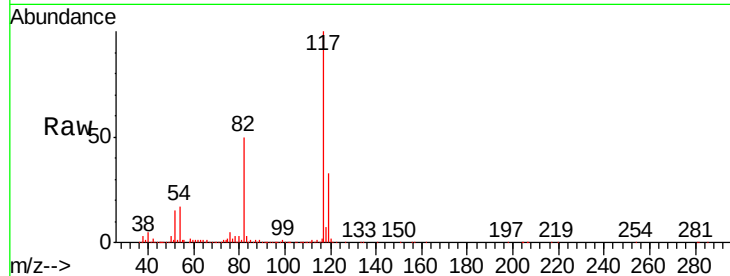
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	49.7	39.6	59.4
119	32.6	26.3	39.5

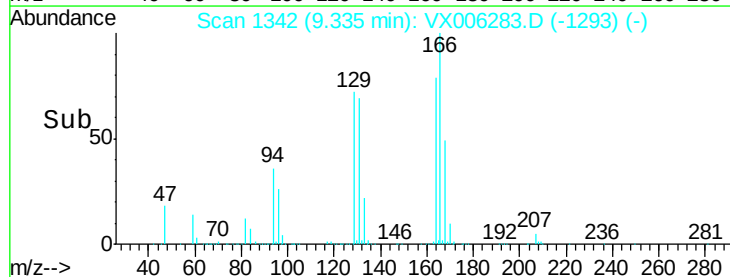
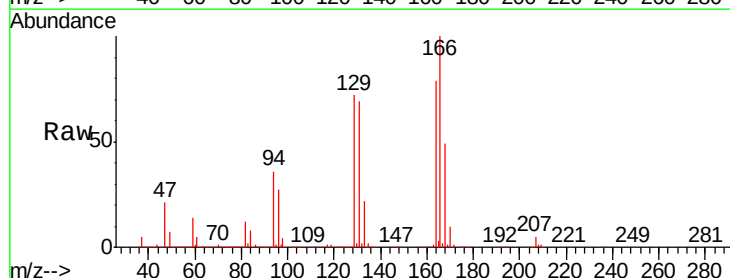
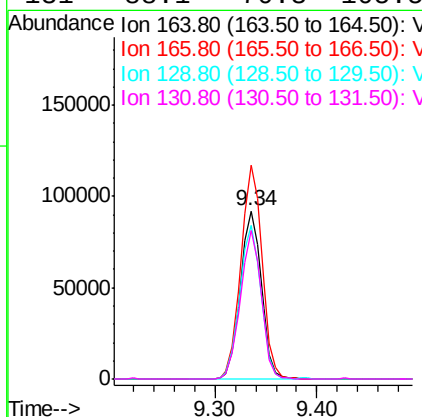
Manual Integrations
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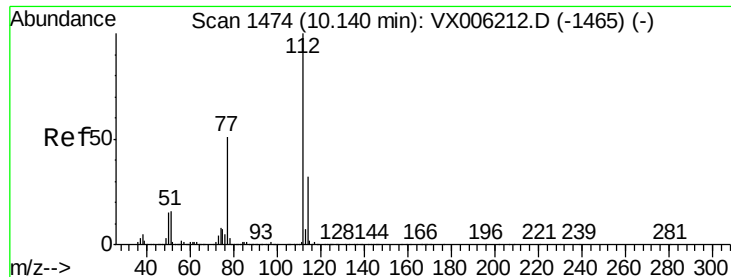
MMDadoda
12/5/2018 10:11:54 AM



#64
Tetrachloroethene
Concen: 18.765 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.0	104.2	156.2
129	91.6	72.6	108.8
131	88.1	70.3	105.5





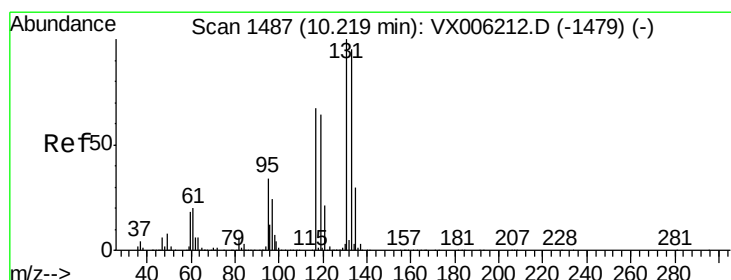
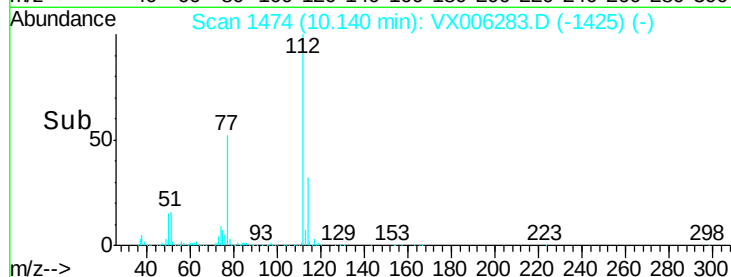
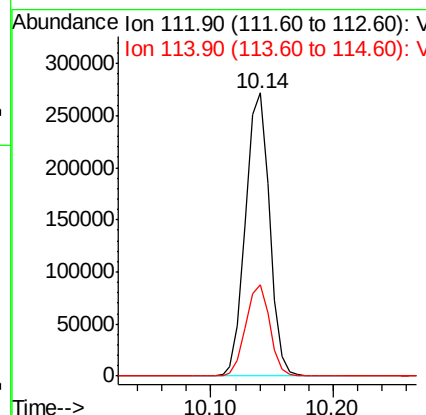
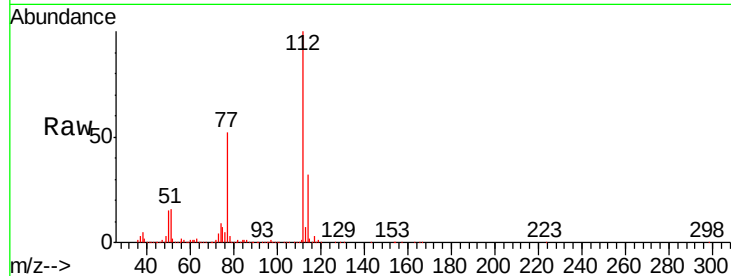
#65
Chlorobenzene
Concen: 18.876 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion:112 Resp: 370878
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

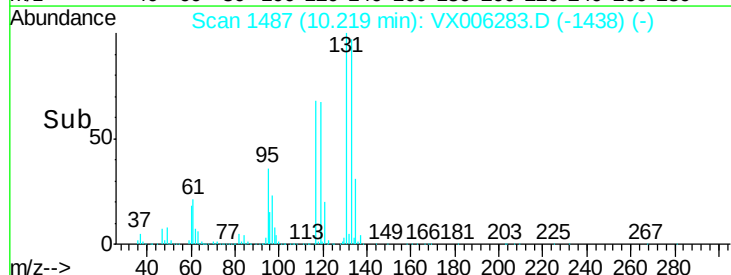
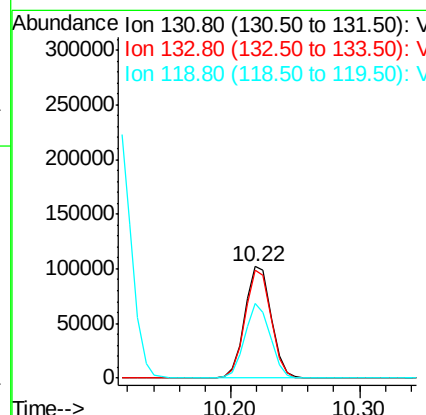
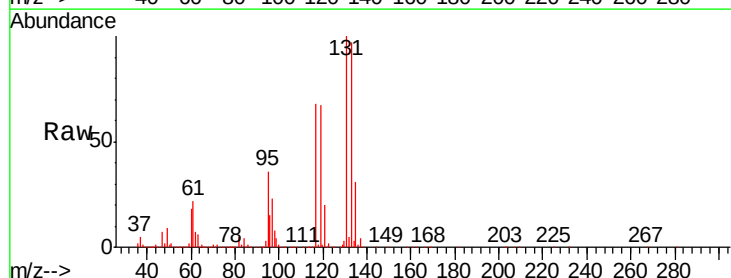
Manual Integrations
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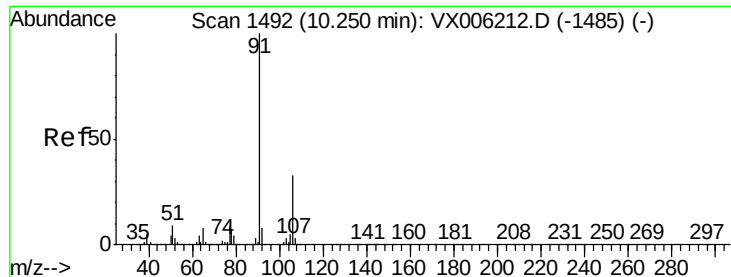
MMDadoda
12/5/2018 10:11:54 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.878 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion:131 Resp: 144117
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.4
119 64.8 32.1 96.3





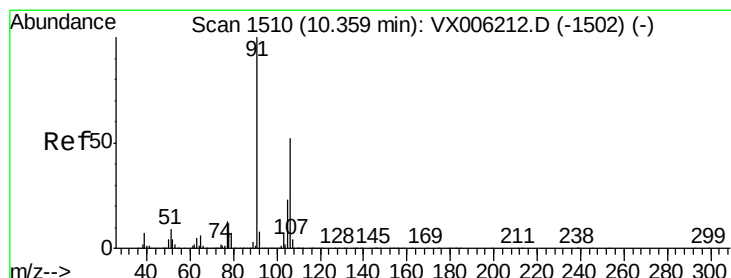
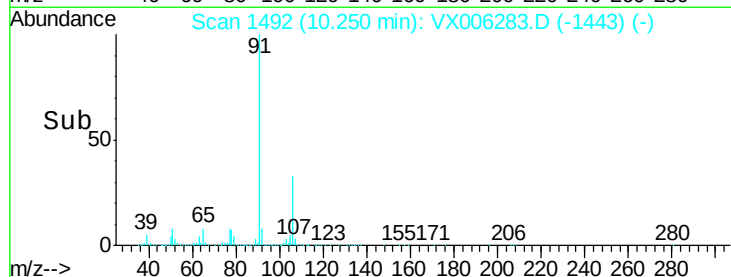
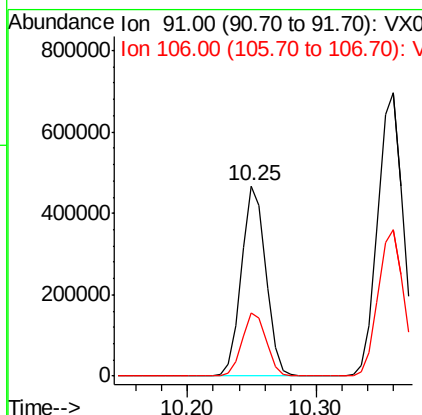
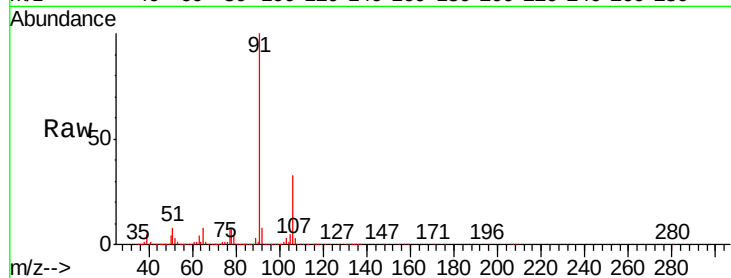
#67
Ethyl Benzene
Concen: 18.678 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion: 91 Resp: 610396
Ion Ratio Lower Upper
91 100
106 33.4 26.5 39.7

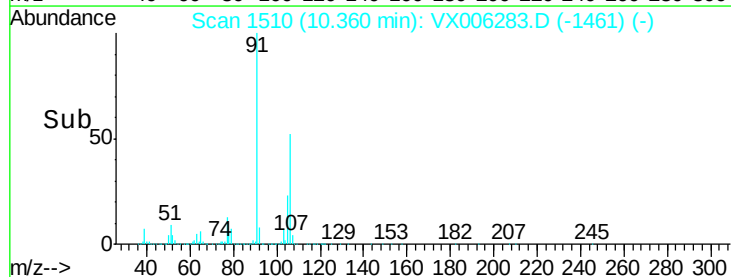
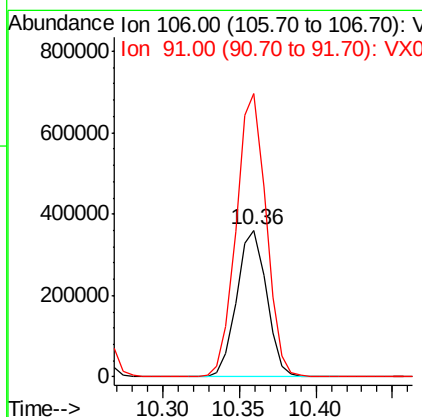
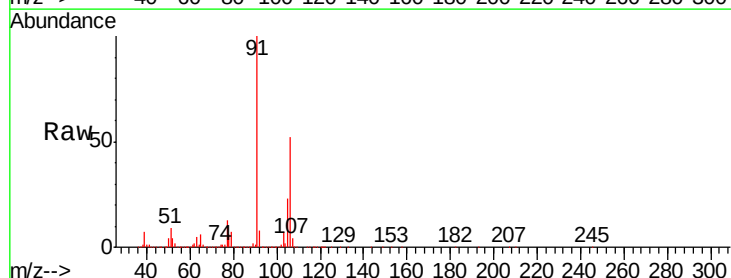
Manual Integrations
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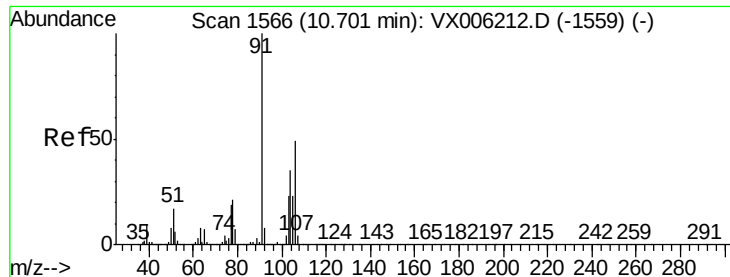
MMDadoda
12/5/2018 10:11:54 AM



#68
m/p-Xylenes
Concen: 37.317 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion: 106 Resp: 488502
Ion Ratio Lower Upper
106 100
91 193.2 155.2 232.8





#69

o-Xylene

Concen: 18.998 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion:106 Resp: 245650

Ion Ratio Lower Upper

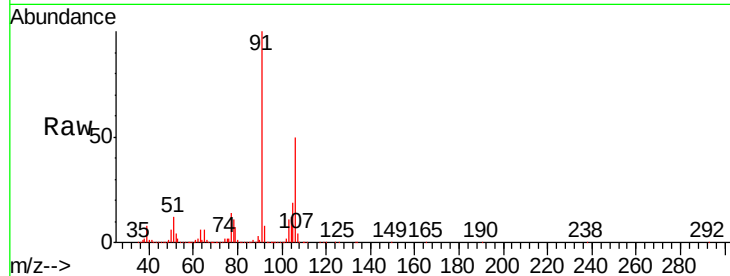
106 100

91 202.6 101.8 305.6

Manual Integrations
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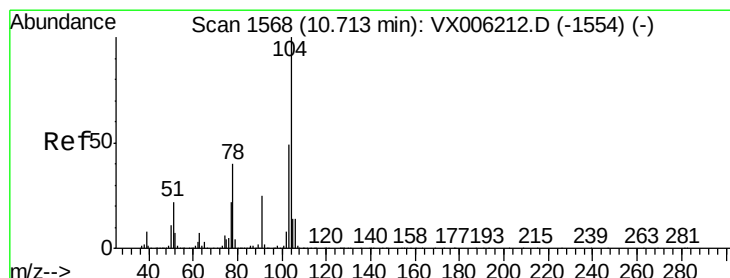
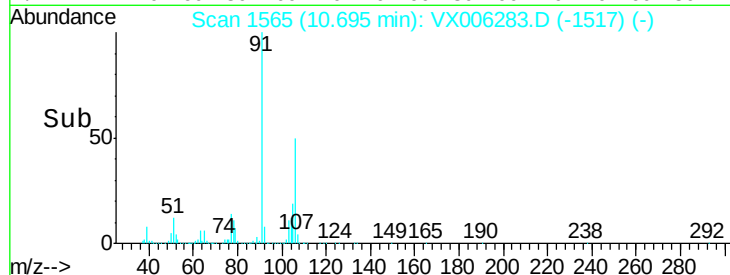
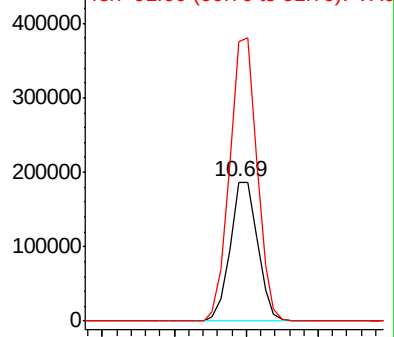
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 18.655 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

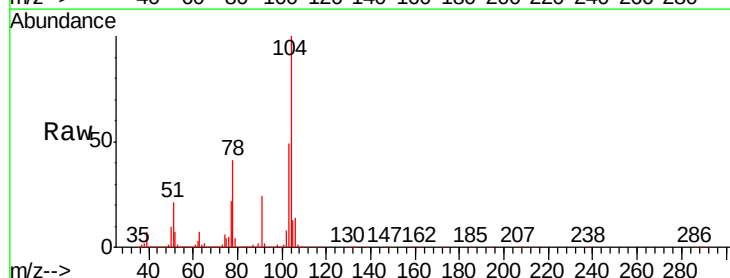
Tgt Ion:104 Resp: 390129

Ion Ratio Lower Upper

104 100

78 46.9 37.2 55.8

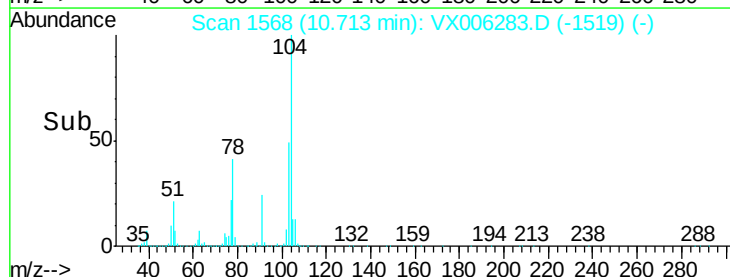
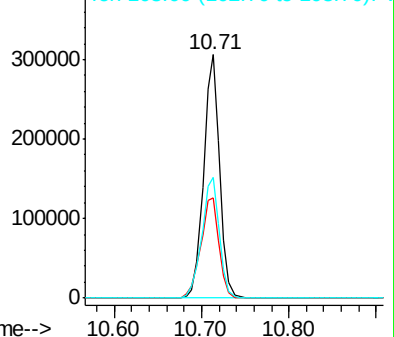
103 54.7 43.5 65.3

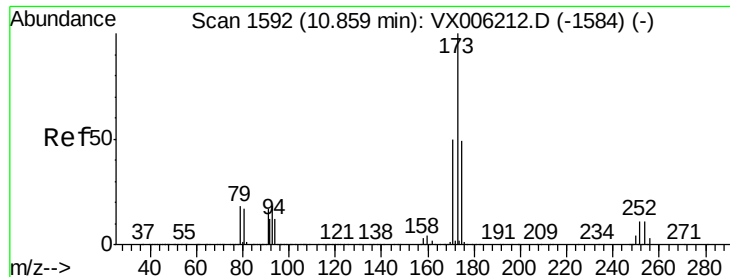


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.137 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

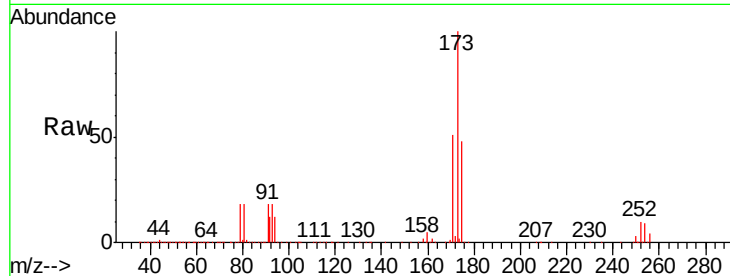
ClientSampleId :

VX1204WBSD01

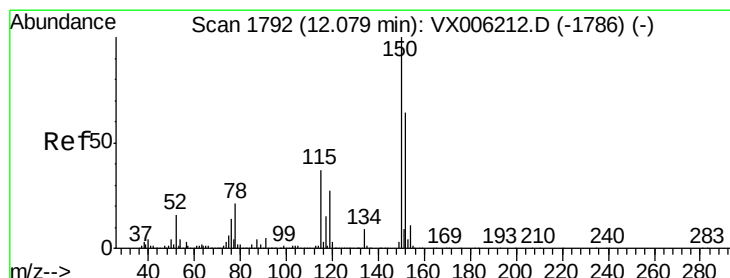
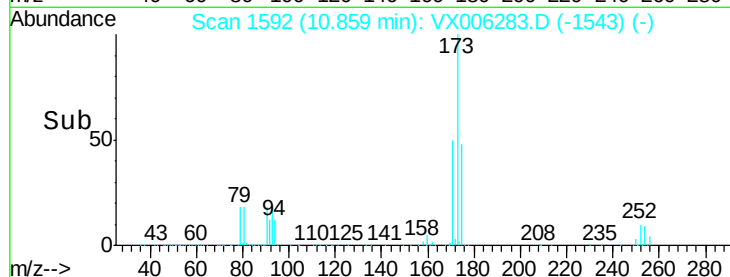
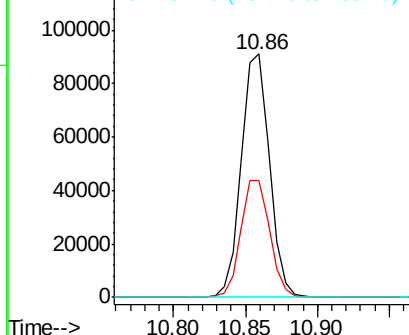
Tgt Ion:	173	Resp:	123496
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.6	73.8
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

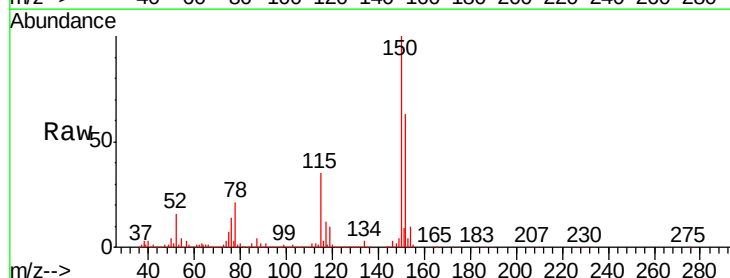
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

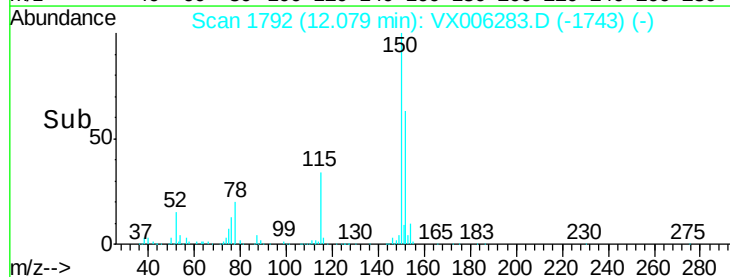
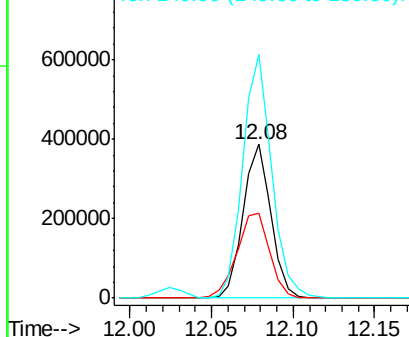
Lab File: VX006283.D

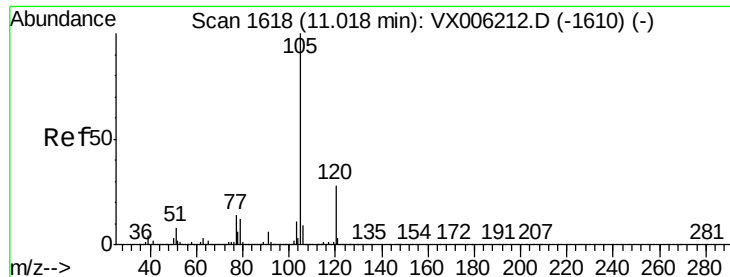
Acq: 04 Dec 2018 17:21

Tgt Ion:	152	Resp:	460430
Ion Ratio	Lower	Upper	
152	100		
115	64.7	39.0	116.9
150	165.4	0.0	345.8



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





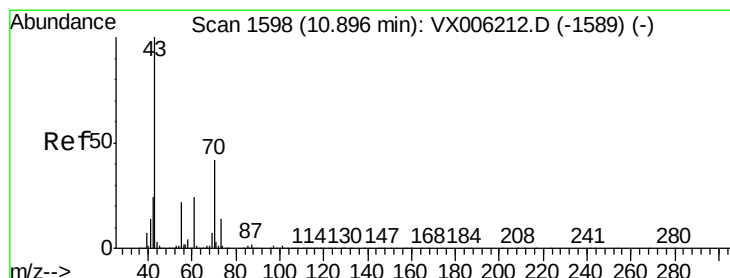
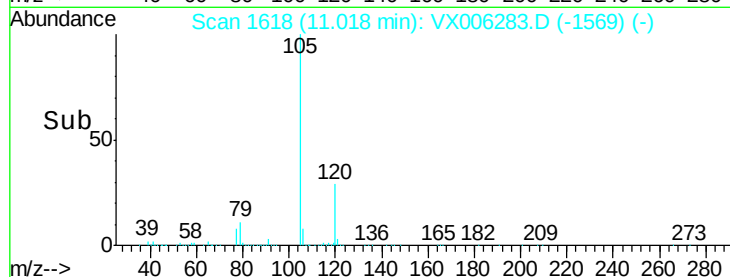
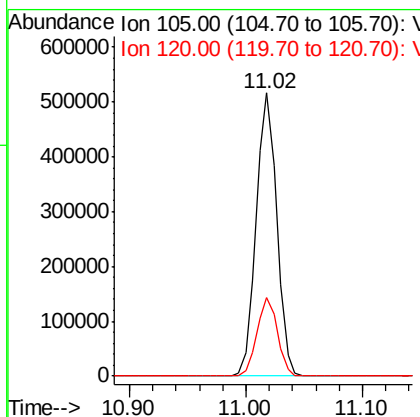
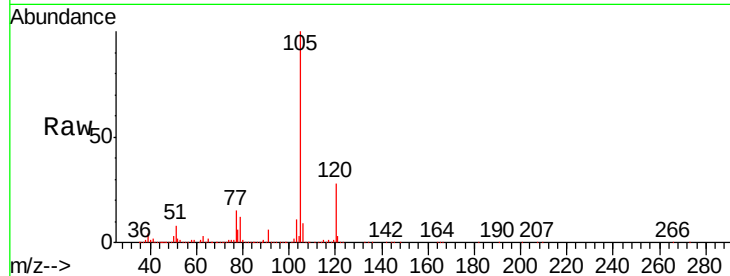
#73
Isopropylbenzene
Concen: 20.114 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	14.1	42.3

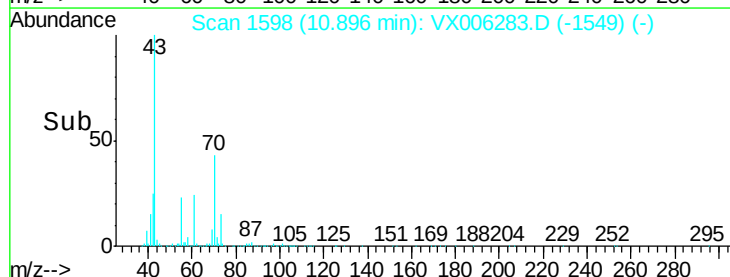
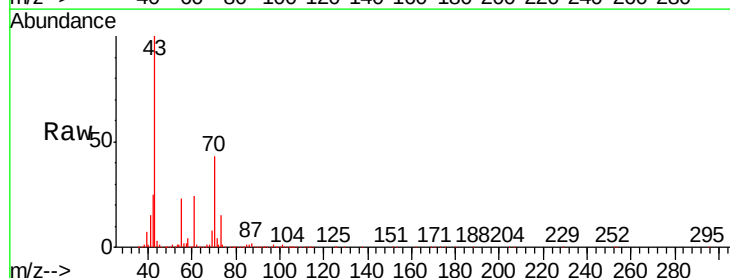
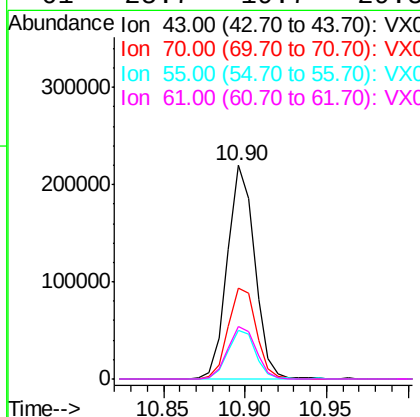
Manual Integrations
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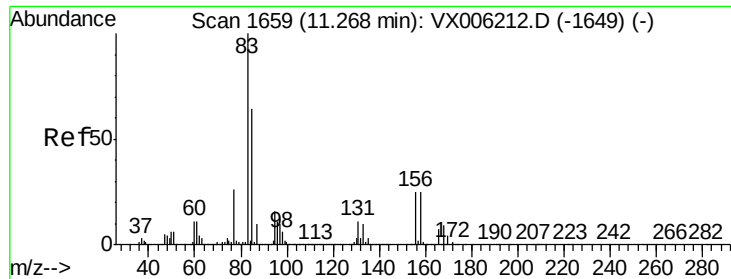
MMDadoda
12/5/2018 10:11:54 AM



#74
N-ethyl acetate
Concen: 18.622 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.4	34.1	51.1
55	23.1	17.8	26.8
61	25.7	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.956 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion: 83 Resp: 202999

Ion Ratio Lower Upper

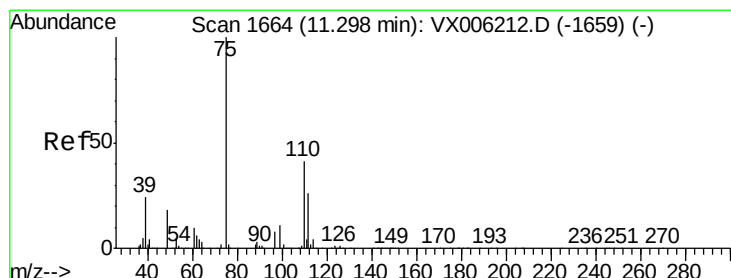
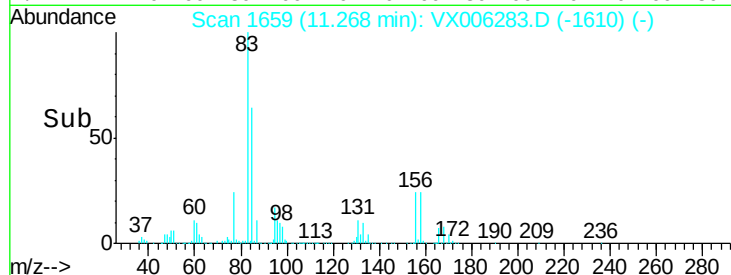
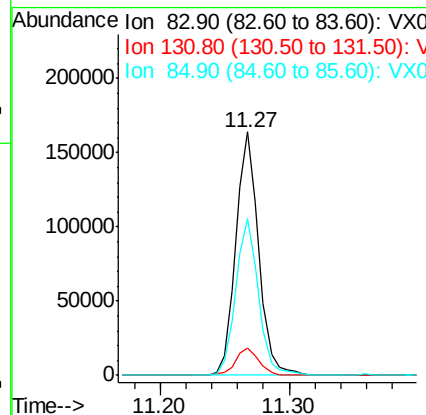
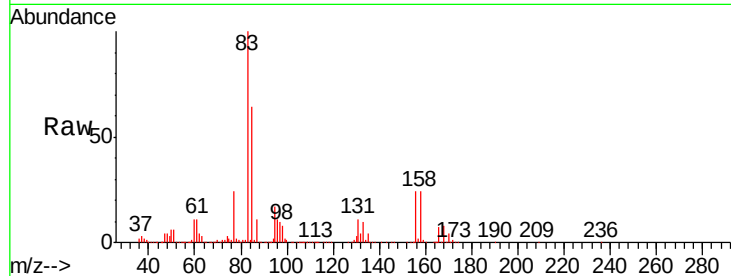
83 100

131 11.6 5.7 17.1

85 64.8 32.1 96.5

Manual Integrations
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12/5/2018 10:11:54 AM



#76

1,2,3-Trichloropropane

Concen: 21.529 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006283.D

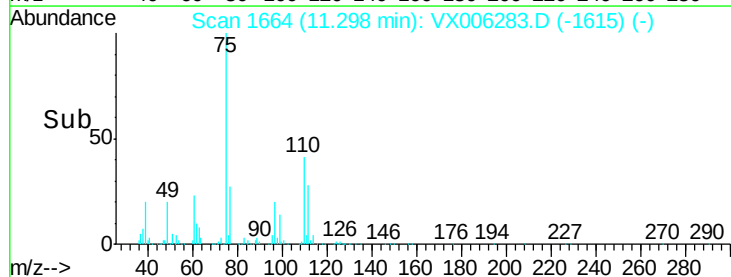
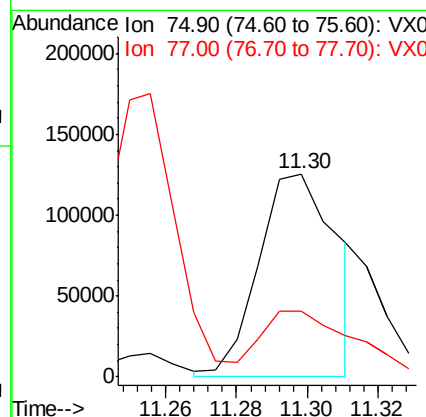
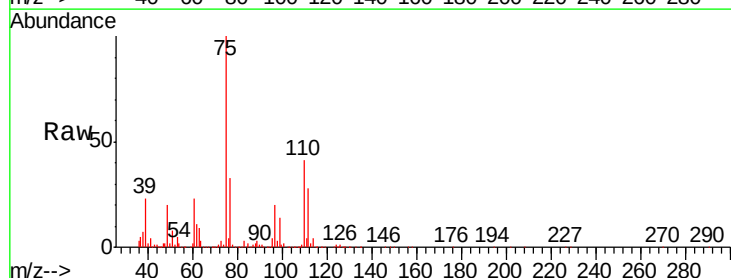
Acq: 04 Dec 2018 17:21

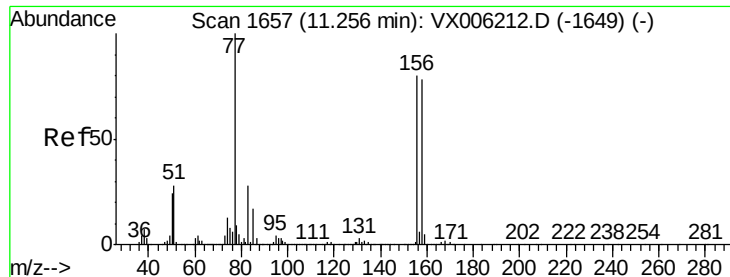
Tgt Ion: 75 Resp: 191329

Ion Ratio Lower Upper

75 100

77 38.9 19.9 59.7





#77

Bromobenzene

Concen: 19.647 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

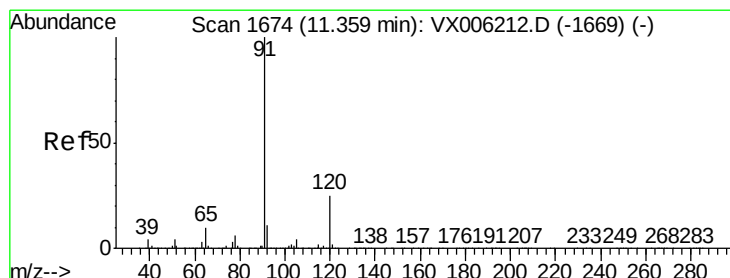
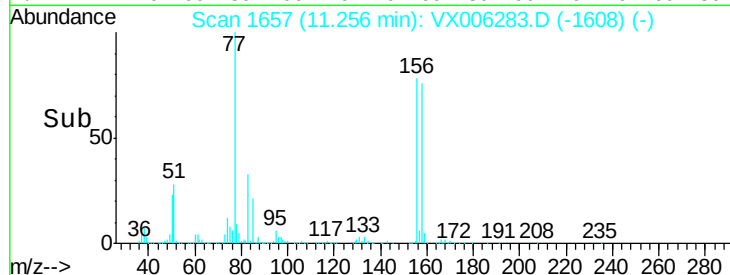
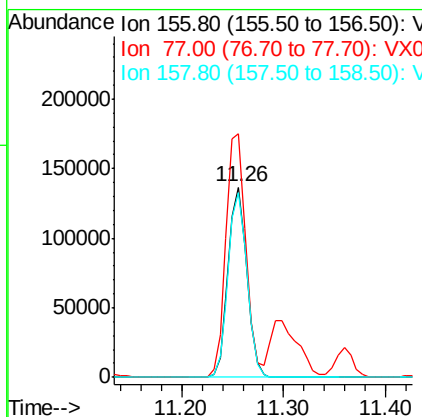
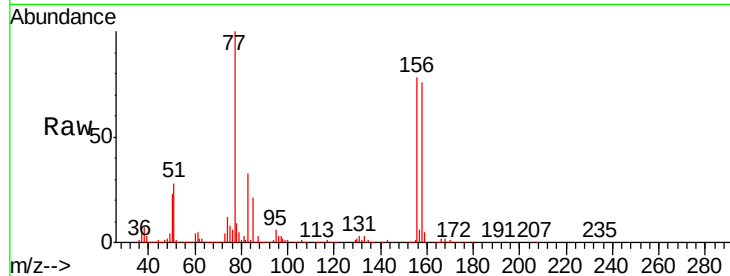
ClientSampleId :

VX1204WBSD01

Tgt Ion:	156	Resp:	173365
Ion Ratio	Lower	Upper	
156	100		
77	136.8	66.2	198.6
158	98.0	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 19.574 ug/l

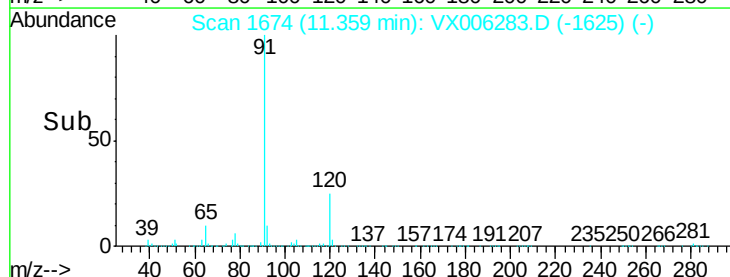
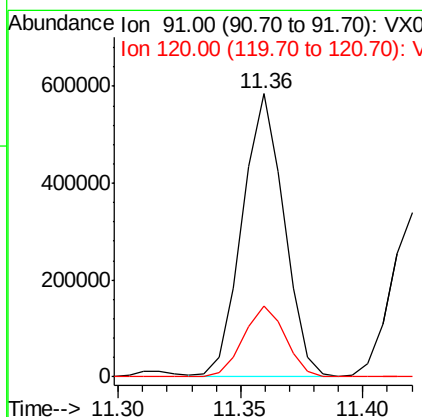
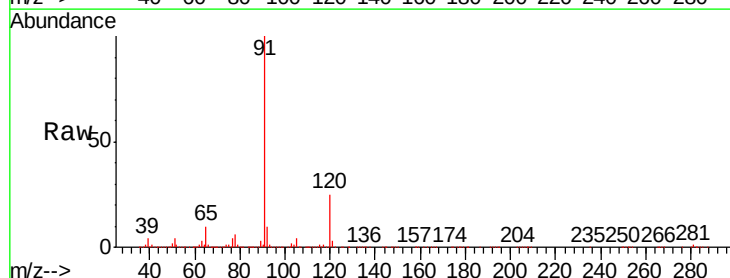
RT: 11.36 min Scan# 1674

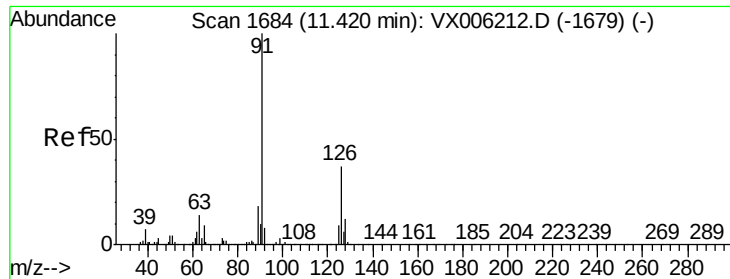
Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Tgt Ion:	91	Resp:	691849
Ion Ratio	Lower	Upper	
91	100		
120	25.3	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.681 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion: 91 Resp: 413443

Ion Ratio Lower Upper

91 100

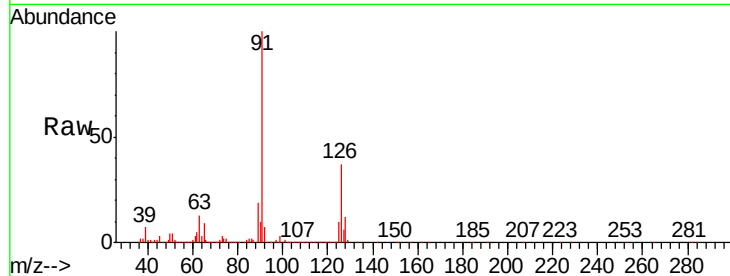
126 38.1 18.6 56.0

Manual Integrations

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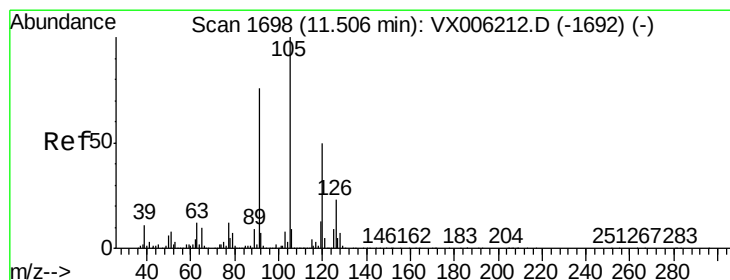
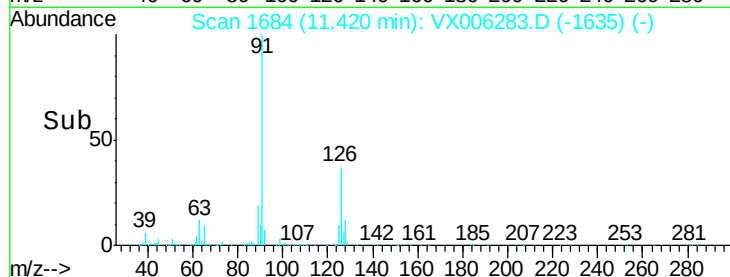
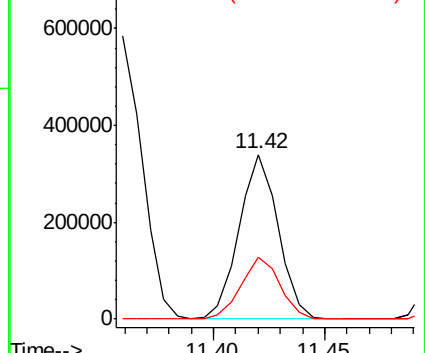
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.565 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006283.D

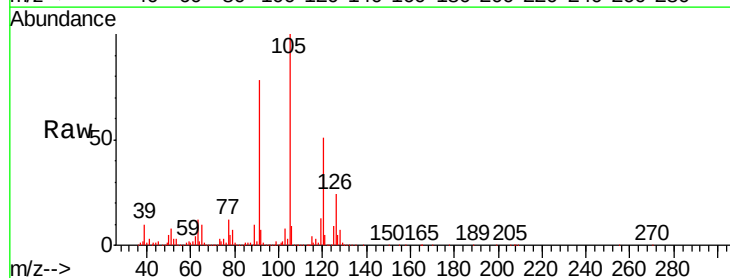
Acq: 04 Dec 2018 17:21

Tgt Ion: 105 Resp: 517617

Ion Ratio Lower Upper

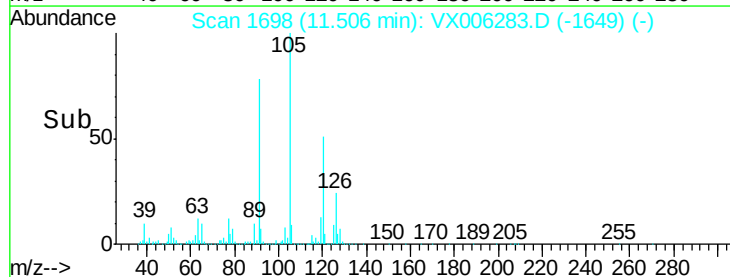
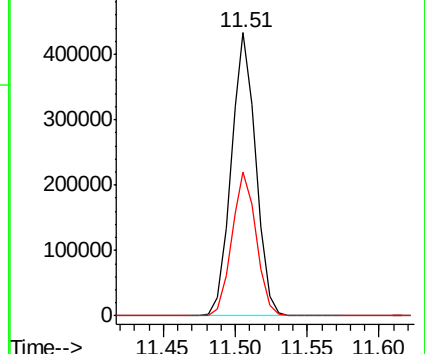
105 100

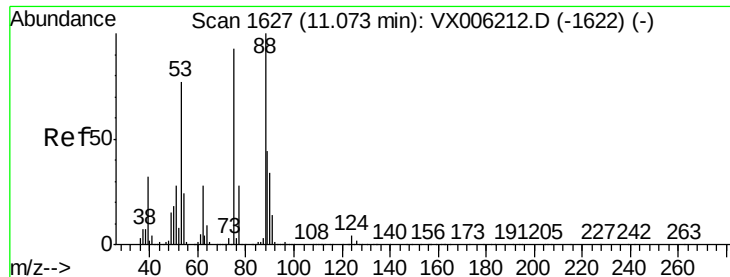
120 50.5 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.098 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

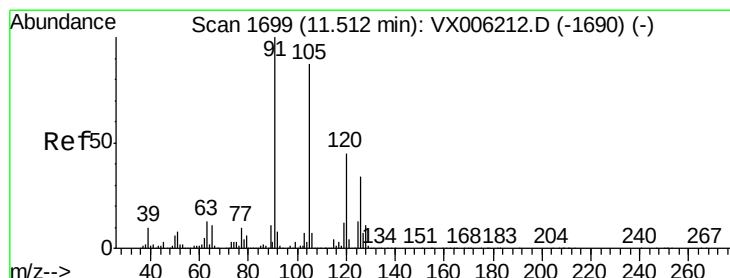
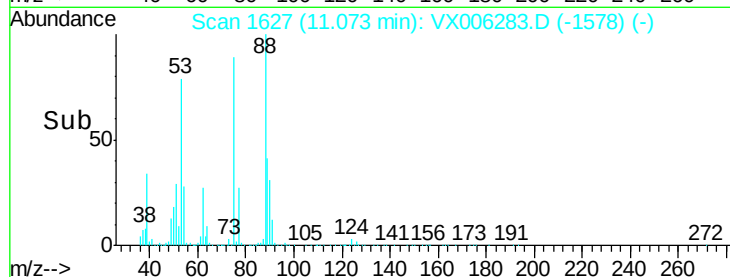
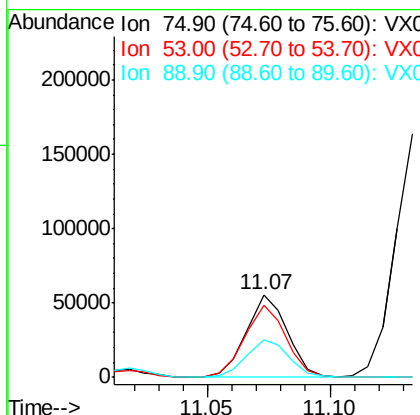
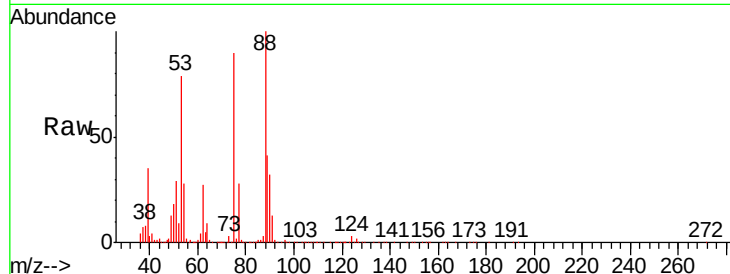
ClientSampleId :

VX1204WBSD01

Tgt Ion:	75	Resp:	64751
Ion Ratio	Lower	Upper	
75	100		
53	88.4	64.4	96.6
89	48.0	44.2	66.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.267 ug/l

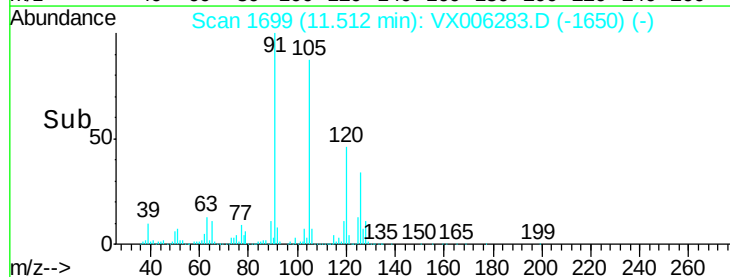
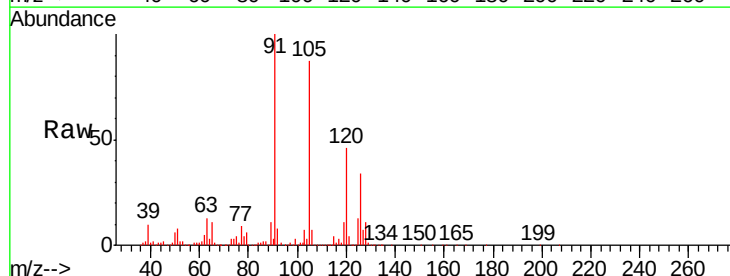
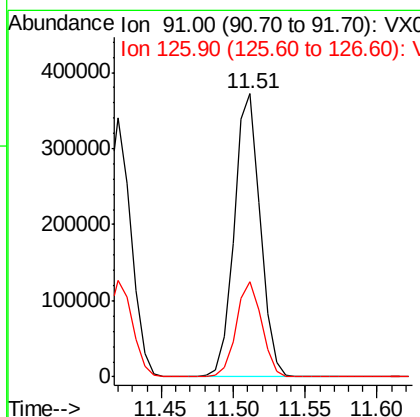
RT: 11.51 min Scan# 1699

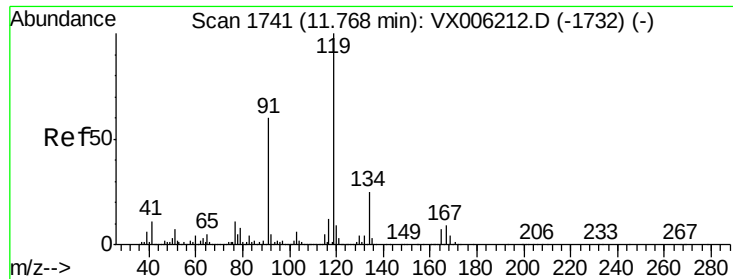
Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Tgt Ion:	91	Resp:	470600
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.4	49.4





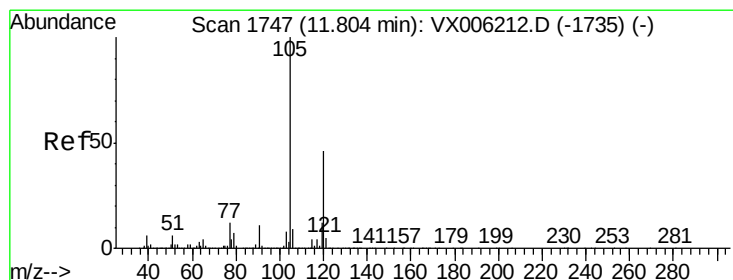
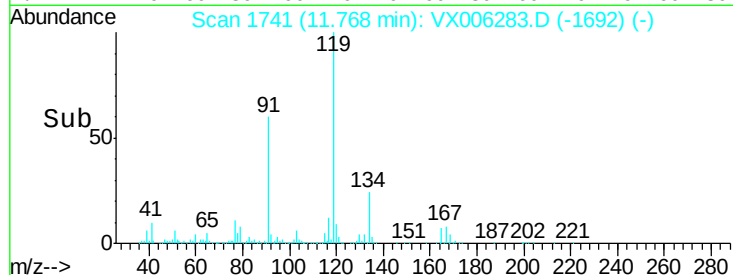
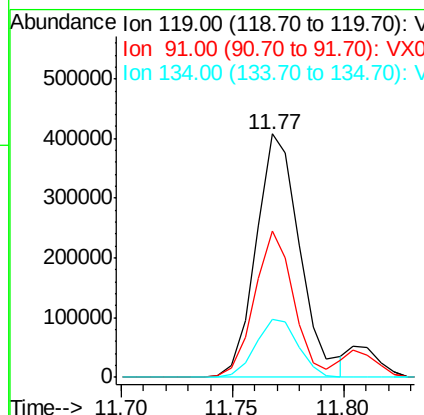
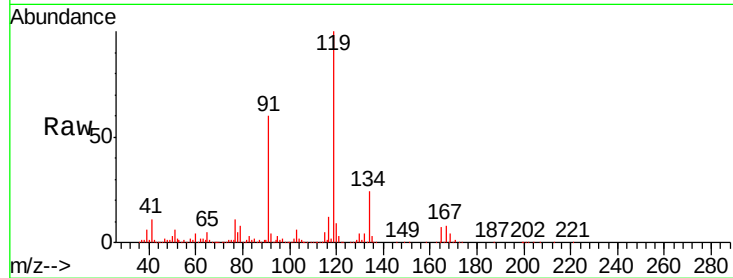
#83
 tert-Butylbenzene
 Concen: 19.797 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006283.D
 Acq: 04 Dec 2018 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	558815		
91	53.7	26.4	79.2	
134	23.4	11.6	34.7	

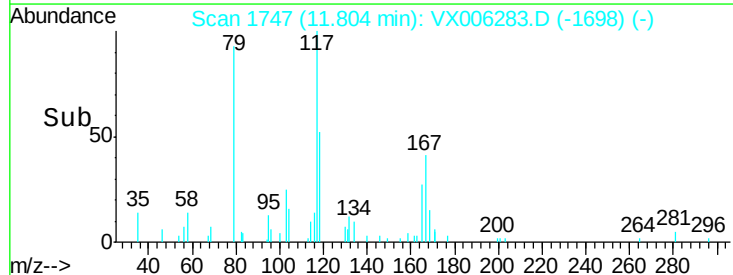
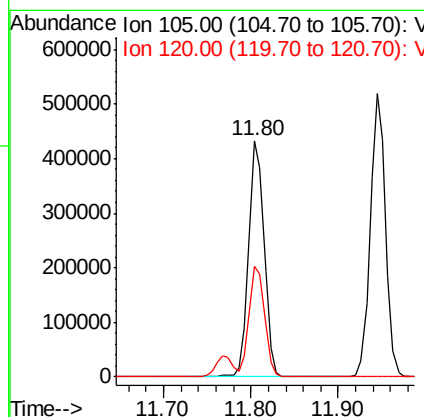
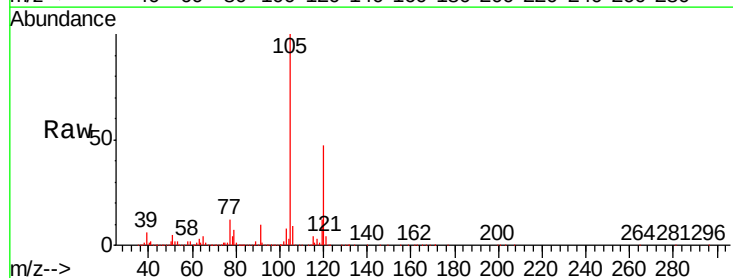
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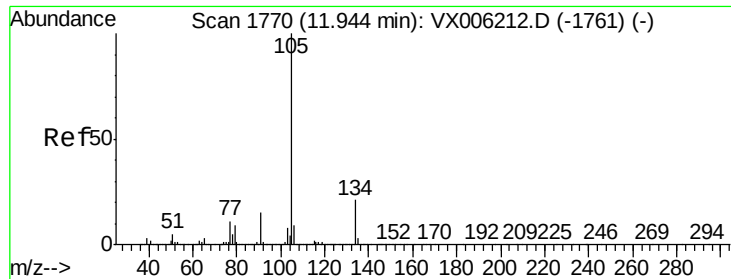
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 12/5/2018 10:11:54 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.514 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006283.D
 Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	533074		
120	46.5	23.4	70.0	





#85

sec-Butylbenzene

Concen: 19.694 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion:105 Resp: 632410

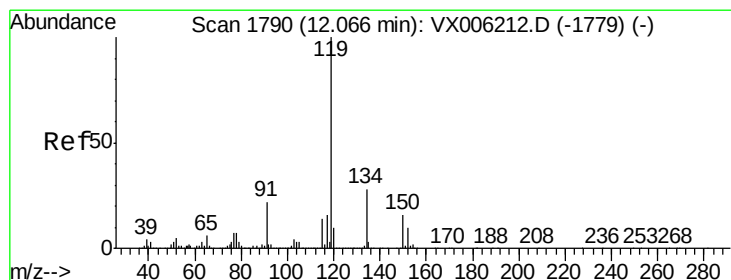
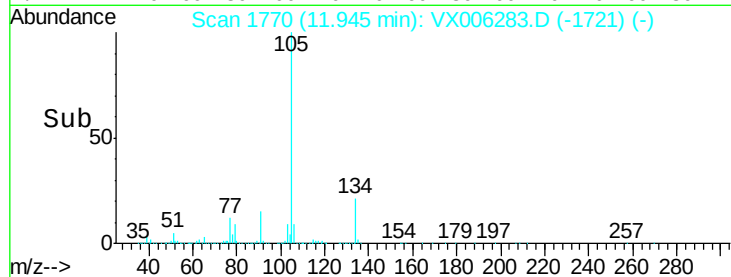
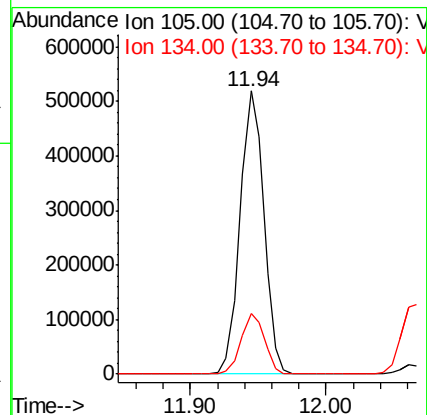
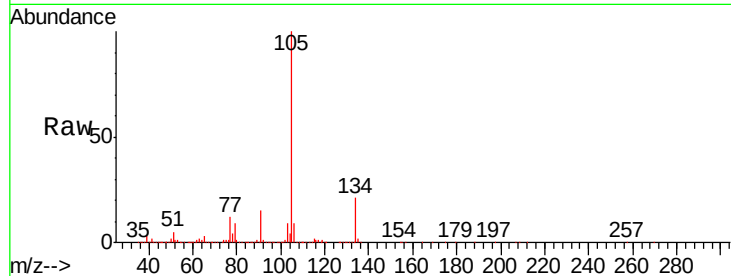
Ion Ratio Lower Upper

105 100

134 21.2 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 19.474 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

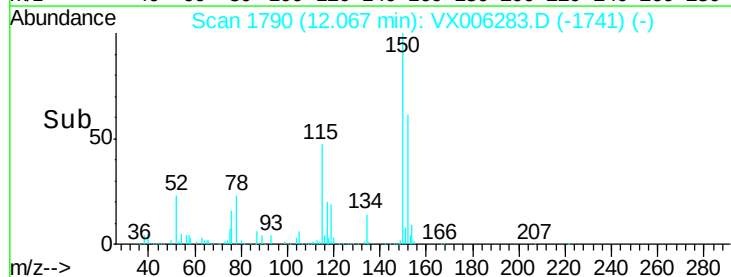
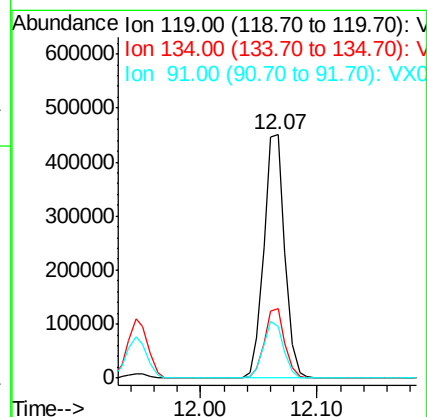
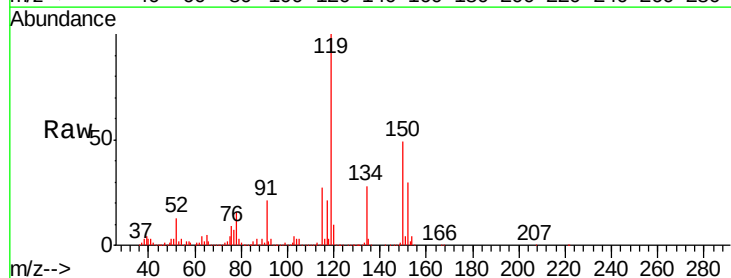
Tgt Ion:119 Resp: 563107

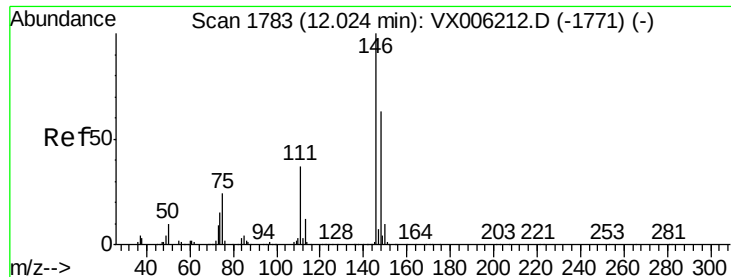
Ion Ratio Lower Upper

119 100

134 27.7 13.9 41.6

91 22.8 11.3 33.8





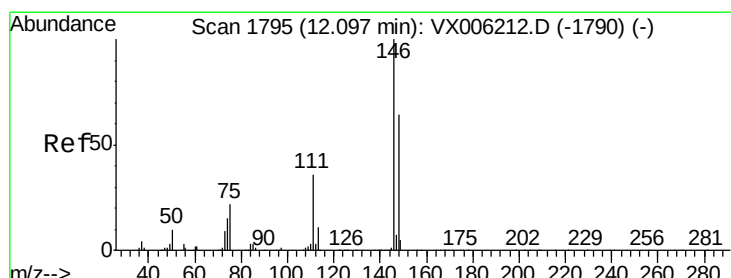
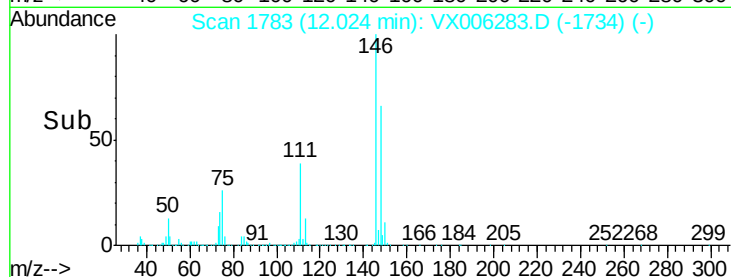
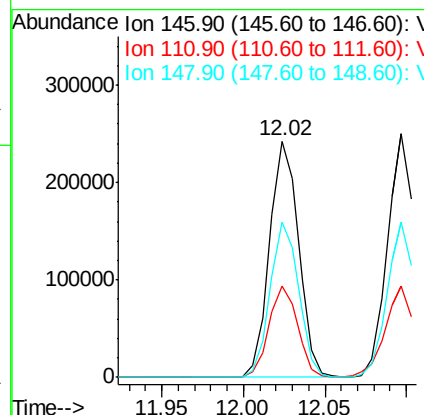
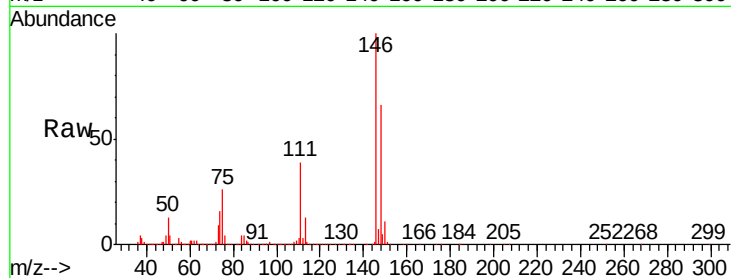
#87
 1,3-Dichlorobenzene
 Concen: 19.155 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006283.D
 Acq: 04 Dec 2018 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.2
148	64.6	32.0	96.0

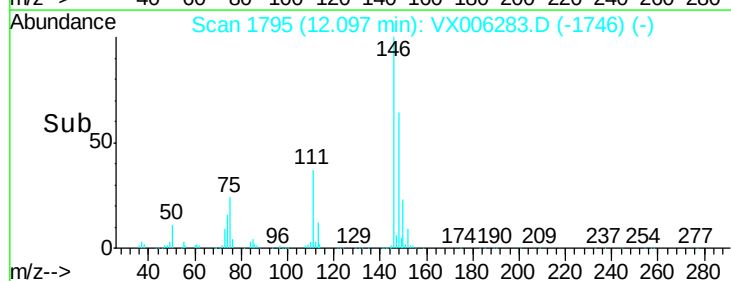
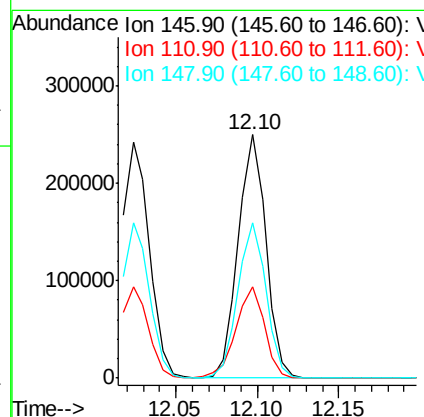
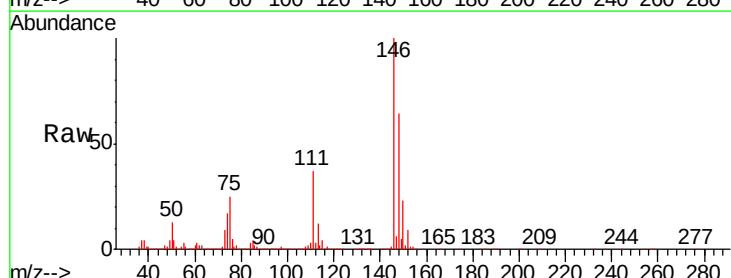
Manual Integrations
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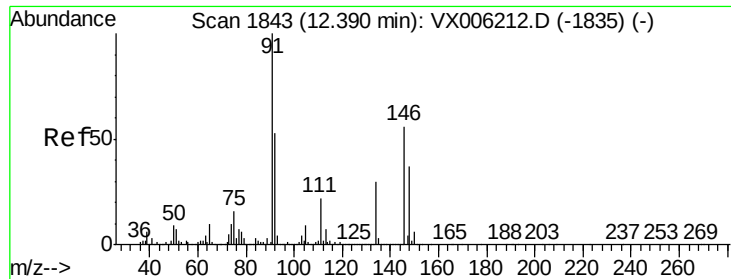
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#88
 1,4-Dichlorobenzene
 Concen: 18.689 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006283.D
 Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.3	54.8
148	64.6	31.9	95.9





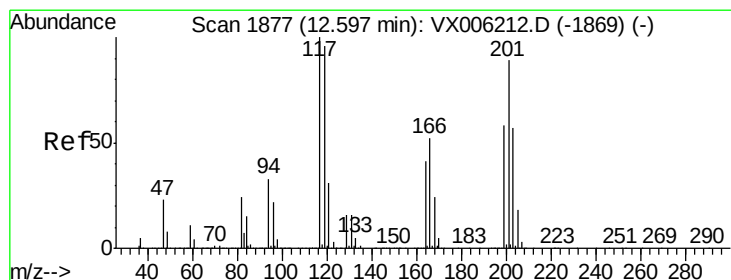
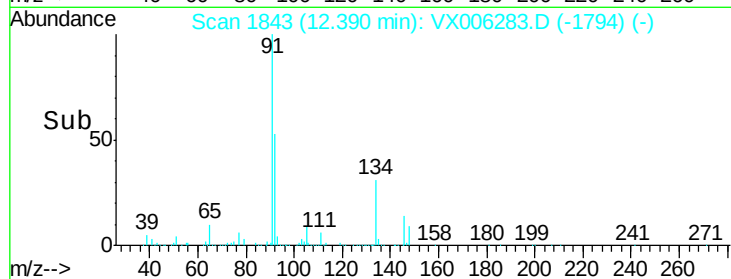
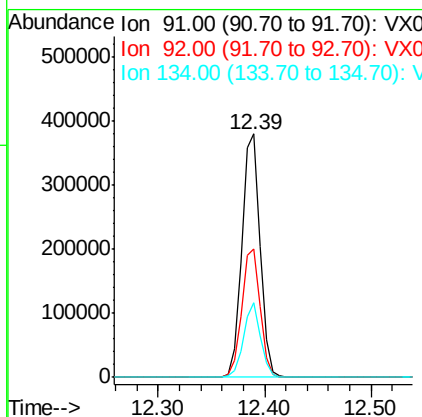
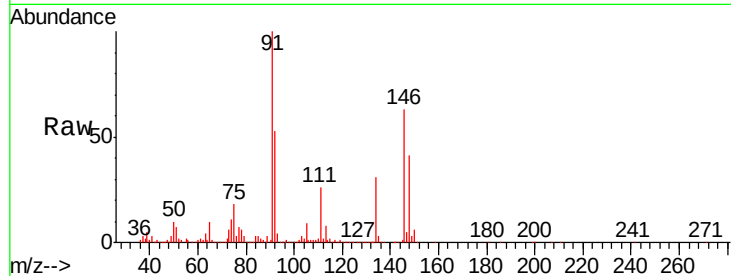
#89
n-Butylbenzene
Concen: 18.451 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.8
134	28.7	14.8	44.3

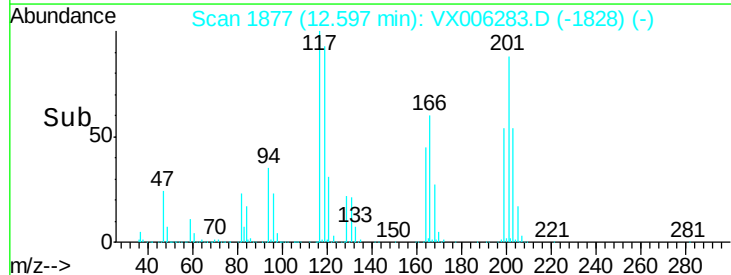
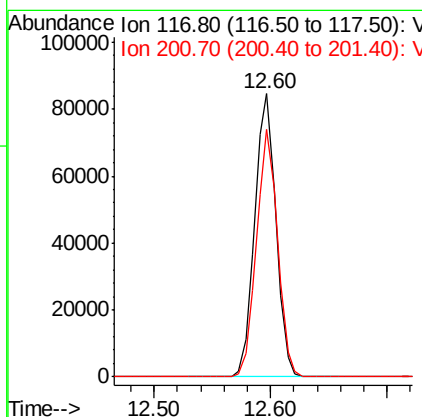
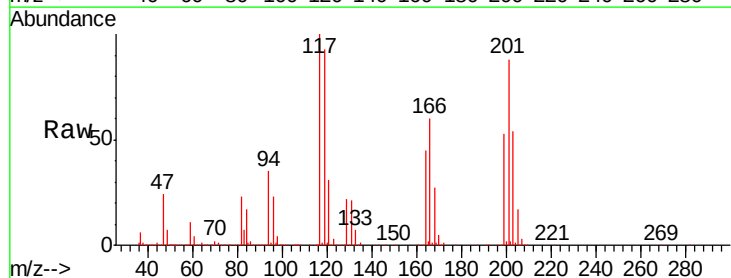
Manual Integrations
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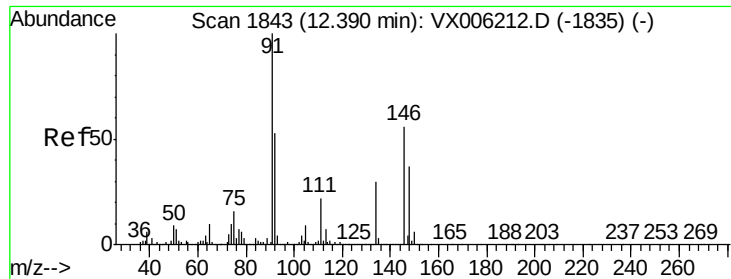
MMDadoda
12/5/2018 10:11:54 AM



#90
Hexachloroethane
Concen: 18.343 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.0	44.7	134.1





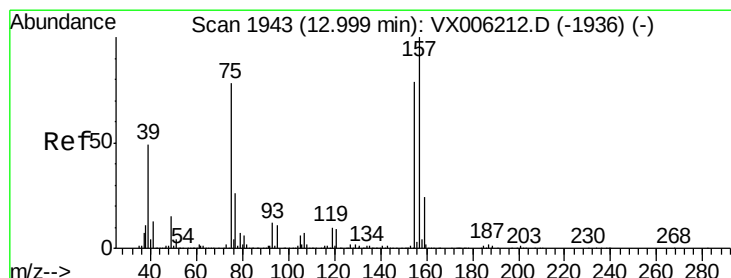
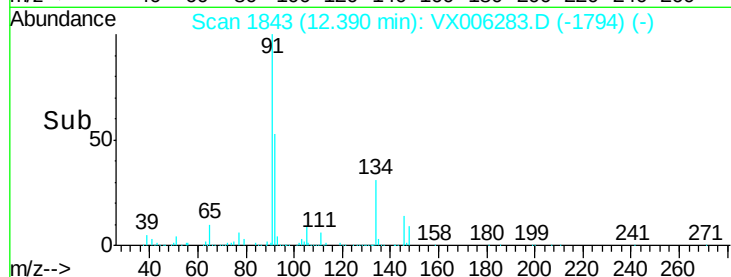
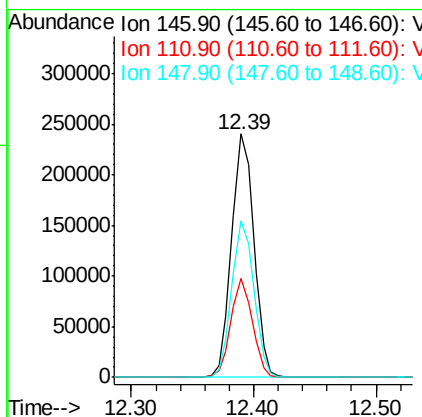
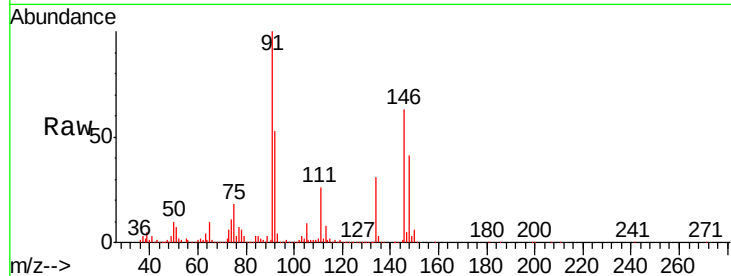
#91
1,2-Dichlorobenzene
Concen: 19.392 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.3
148	64.3	32.1	96.3

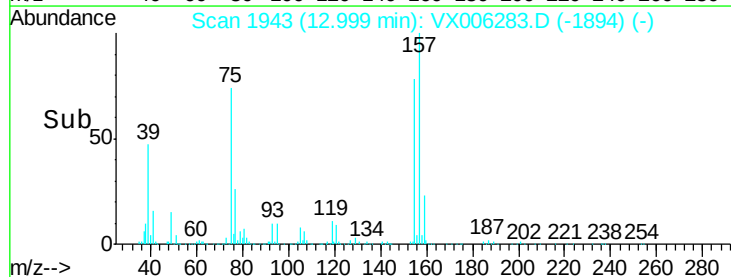
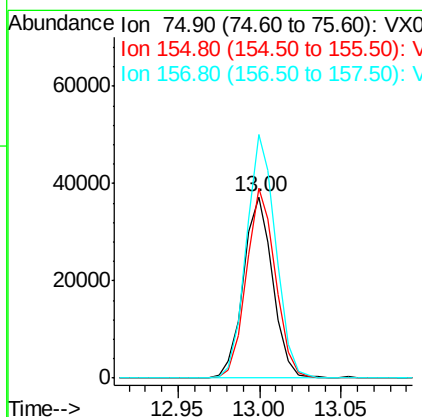
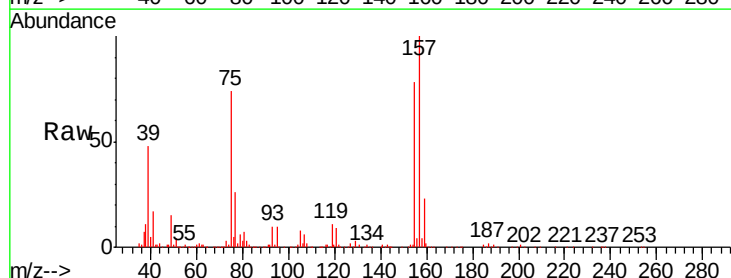
Manual Integrations
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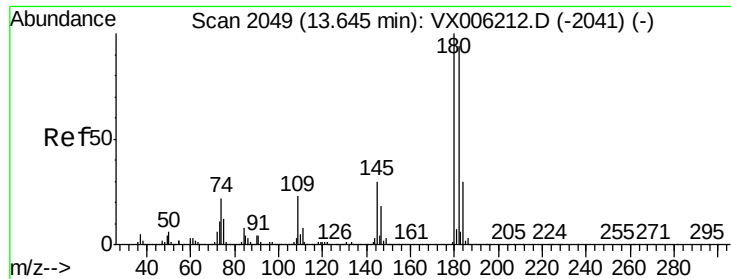
MMDadoda
12/5/2018 10:11:54 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.034 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.1	53.4	160.3
157	133.6	68.0	203.8





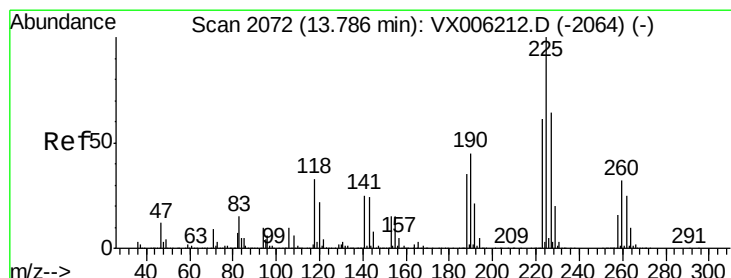
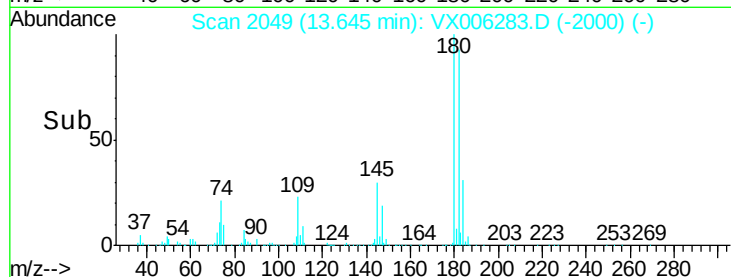
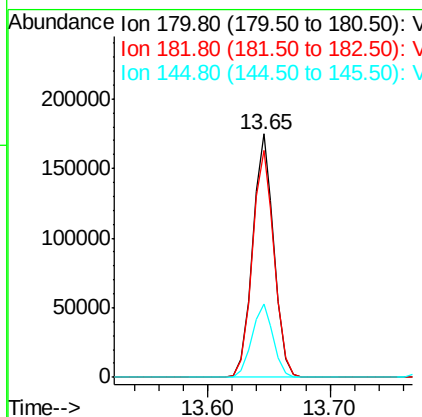
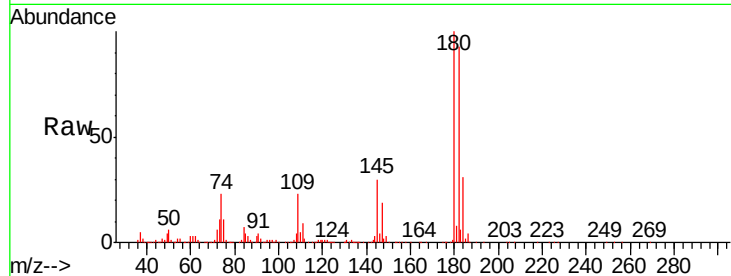
#93
1,2,4-Trichlorobenzene
Concen: 18.567 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	211085		
182	95.7	47.3	141.9	
145	30.3	14.6	43.8	

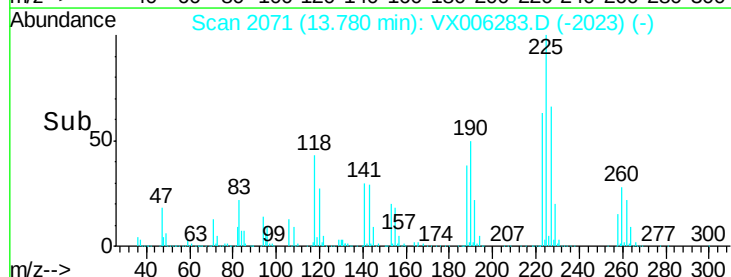
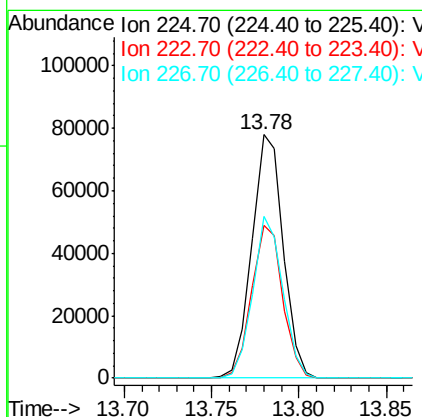
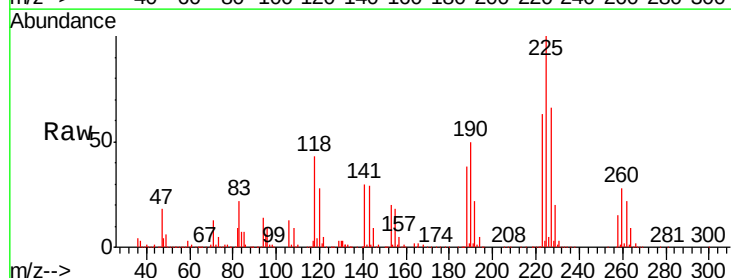
Manual Integrations
APPROVED

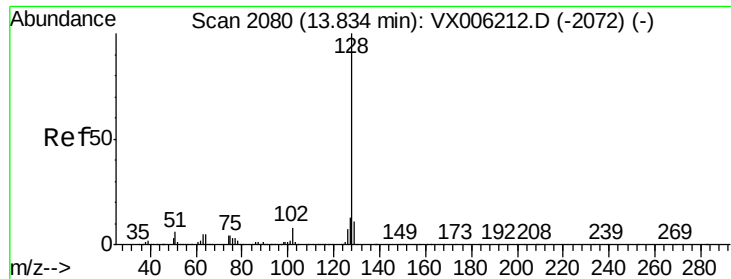
MMDadoda
12/5/2018 10:11:54 AM



#94
Hexachlorobutadiene
Concen: 19.268 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX006283.D
Acq: 04 Dec 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	96876		
223	62.3	31.2	93.6	
227	63.6	31.9	95.5	





#95

Naphthalene

Concen: 19.579 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_X

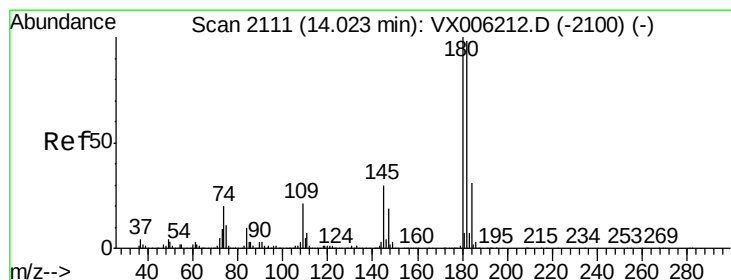
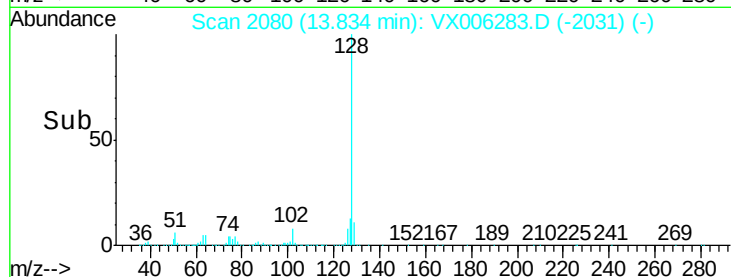
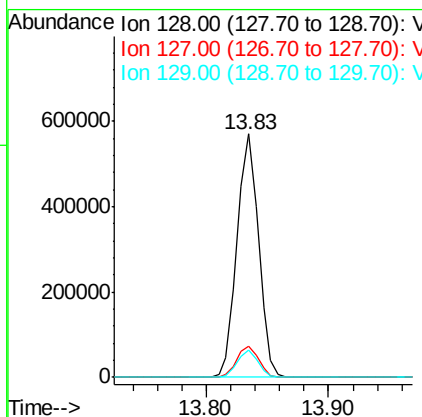
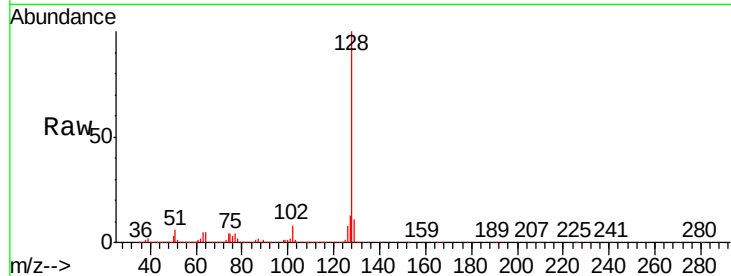
ClientSampleId :

VX1204WBSD01

Tgt Ion:	128	Resp:	692379
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/5/2018 10:11:54 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.121 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006283.D

Acq: 04 Dec 2018 17:21

Tgt Ion:	180	Resp:	215312
Ion Ratio		Lower	Upper
180	100		
182	95.4	48.4	145.2
145	32.2	15.6	46.8

