

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006312.D
 Acq On : 06 Dec 2018 12:32
 Operator : JC/MD
 Sample : VX1206MBS01
 Misc : 5.0µl/10mL/100µL/5.0ml/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 11:19:04 AM

Quant Time: Dec 07 05:00:57 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	690465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1044306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	937161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	469904	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	330687	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	5.51	113	318067	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	8.71	98	1144448	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
62) 4-Bromofluorobenzene	11.13	95	423540	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	126543	18.718	ug/l	96
3) Chloromethane	1.33	50	119853	17.251	ug/l	96
4) Vinyl Chloride	1.41	62	132897	17.774	ug/l	98
5) Bromomethane	1.64	94	89367	17.246	ug/l	97
6) Chloroethane	1.72	64	86043	18.768	ug/l	98
7) Trichlorofluoromethane	1.93	101	207517	18.080	ug/l	97
8) Diethyl Ether	2.19	74	79078	18.204	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	117626	18.023	ug/l	98
10) Methyl Iodide	2.51	142	150074	15.258	ug/l	99
11) Tert butyl alcohol	3.07	59	171180	88.804	ug/l	100
12) 1,1-Dichloroethene	2.38	96	109932	17.595	ug/l	92
13) Acrolein	2.29	56	91807	87.139	ug/l	100
14) Allyl chloride	2.73	41	208046	16.857	ug/l	98
15) Acrylonitrile	3.15	53	357084	88.772	ug/l	99
16) Acetone	2.45	43	289836	87.621	ug/l	97
17) Carbon Disulfide	2.57	76	306087	15.899	ug/l	98
18) Methyl Acetate	2.78	43	203518	18.398	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	397556	17.837	ug/l	99
20) Methylene Chloride	2.86	84	122861	17.452	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	117659	17.672	ug/l	93
22) Diisopropyl ether	3.87	45	354798	18.405	ug/l	95
23) Vinyl Acetate	3.82	43	1486152	90.388	ug/l	99
24) 1,1-Dichloroethane	3.70	63	205985	18.695	ug/l	99
25) 2-Butanone	4.70	43	431037	91.325	ug/l	98
26) 2,2-Dichloropropane	4.59	77	188171	18.505	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	137090	18.459	ug/l	99
28) Bromochloromethane	5.02	49	93196	19.364	ug/l	97
29) Tetrahydrofuran	5.15	42	294908	89.904	ug/l	99
30) Chloroform	5.22	83	218073	18.833	ug/l	96
31) Cyclohexane	5.57	56	180117	17.688	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	198691	18.035	ug/l	99
36) 1,1-Dichloropropene	5.80	75	154444	17.562	ug/l	99
37) Ethyl Acetate	4.85	43	167874	17.046	ug/l	97
38) Carbon Tetrachloride	5.78	117	181707	17.564	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196639	17.226	ug/l	99
40) Benzene	6.15	78	481474	18.280	ug/l	98
41) Methacrylonitrile	5.06	41	91649	16.912	ug/l	97
42) 1,2-Dichloroethane	6.20	62	161176	18.697	ug/l	98
43) Isopropyl Acetate	6.46	43	276583	16.844	ug/l	99
44) Trichloroethene	7.21	130	142985	17.920	ug/l	98
45) 1,2-Dichloropropane	7.52	63	120559	18.010	ug/l	97
46) Dibromomethane	7.66	93	88771	18.361	ug/l	97
47) Bromodichloromethane	7.90	83	162737	17.382	ug/l	98
48) Methyl methacrylate	7.77	41	139995	17.525	ug/l	99
49) 1,4-Dioxane	7.75	88	72762	369.578	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	853734	89.314	ug/l	98
52) Toluene	8.79	92	311188	17.958	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	183552	16.764	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	195895	17.230	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	130826	18.584	ug/l	99
56) Ethyl methacrylate	9.18	69	196778	17.880	ug/l	99
57) 1,3-Dichloropropane	9.37	76	203959	18.322	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	517315	92.630	ug/l	98
59) 2-Hexanone	9.49	43	654065	89.562	ug/l	99
60) Dibromochloromethane	9.59	129	148993	17.164	ug/l	100
61) 1,2-Dibromoethane	9.67	107	141755	18.009	ug/l	100
64) Tetrachloroethene	9.34	164	129609	18.364	ug/l	99
65) Chlorobenzene	10.14	112	369160	18.556	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	139390	18.034	ug/l	99
67) Ethyl Benzene	10.25	91	594731	17.975	ug/l	100
68) m/p-Xylenes	10.36	106	476768	35.972	ug/l	99
69) o-Xylene	10.70	106	235713	18.005	ug/l	99
70) Styrene	10.71	104	376217	17.768	ug/l	99
71) Bromoform	10.86	173	117463	16.099	ug/l	100
73) Isopropylbenzene	11.02	105	620008	19.106	ug/l	100
74) N-amyl acetate	10.90	43	242095	17.325	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	195839	18.864	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	186792m	20.595	ug/l	
77) Bromobenzene	11.26	156	169148	18.782	ug/l	99
78) n-propylbenzene	11.36	91	674989	18.712	ug/l	100
79) 2-Chlorotoluene	11.42	91	405655	18.920	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	513411	19.015	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63310	16.381	ug/l	94
82) 4-Chlorotoluene	11.51	91	460356	18.468	ug/l	100
83) tert-Butylbenzene	11.77	119	545041	18.920	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	523548	18.779	ug/l	100
85) sec-Butylbenzene	11.94	105	619368	18.899	ug/l	99
86) p-Isopropyltoluene	12.07	119	545260	18.476	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	297935	18.593	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	294977	18.136	ug/l	98
89) n-Butylbenzene	12.39	91	453319	18.003	ug/l	100
90) Hexachloroethane	12.60	117	103757	17.251	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	295266	18.566	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45543	17.113	ug/l	93

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ClientSampleId :
VX1206MBS01

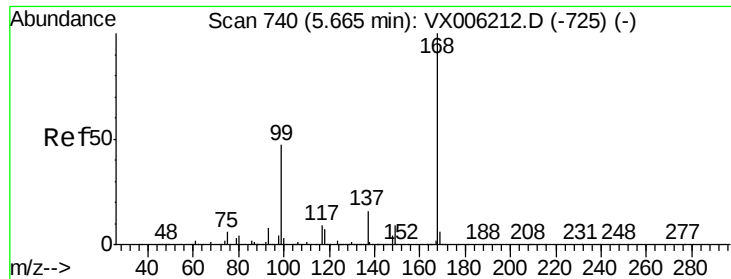
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	205944	17.750	ug/l	99
94) Hexachlorobutadiene	13.78	225	96326	18.773	ug/l	100
95) Naphthalene	13.83	128	658747	18.252	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	205898	17.916	ug/l	100

(#) = 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: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampled :

VX1206MBS01

Tot Ion:168 Resp: 690465

Ion Ratio Lower Upper

168 100

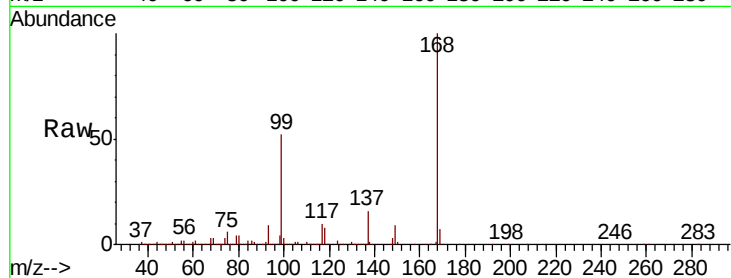
99 51.5 37.8 56.8

Manual Integrations

APPROVED

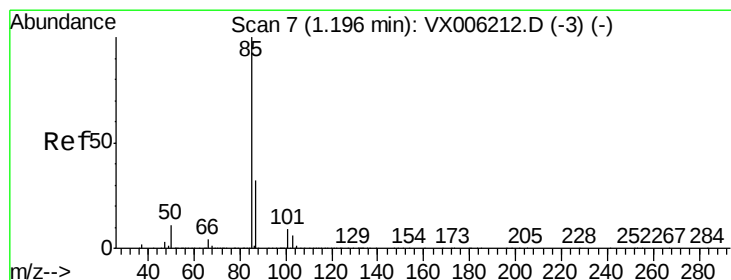
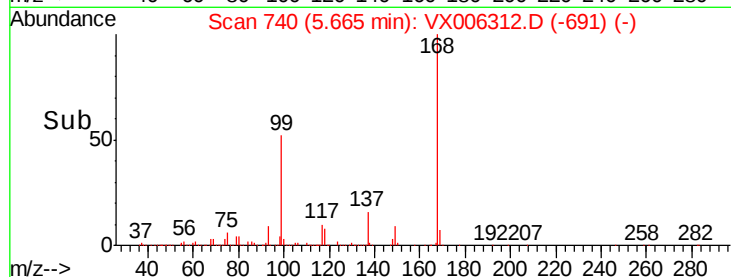
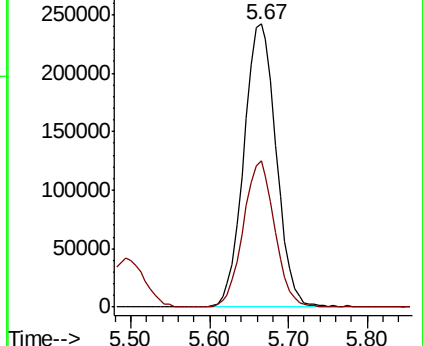
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.718 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006312.D

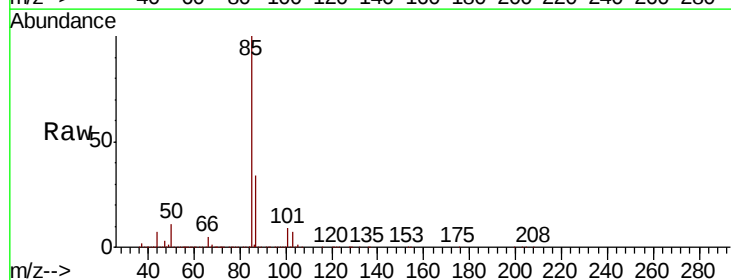
Acq: 06 Dec 2018 12:32

Tgt Ion: 85 Resp: 126543

Ion Ratio Lower Upper

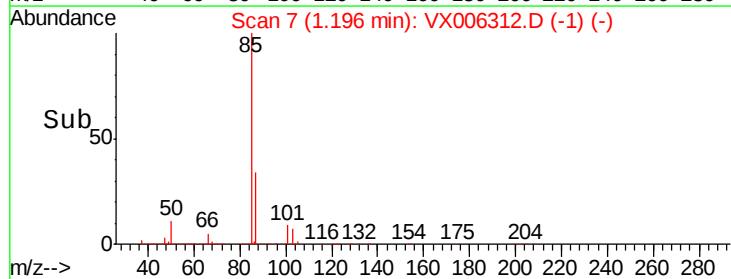
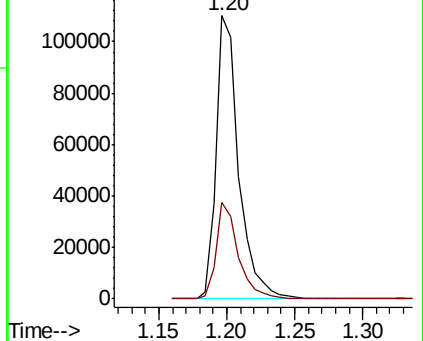
85 100

87 34.1 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: 17.251 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1206MBS01

Tot Ion: 50 Resp: 119853

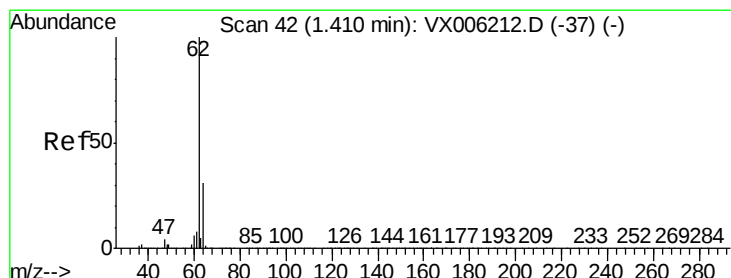
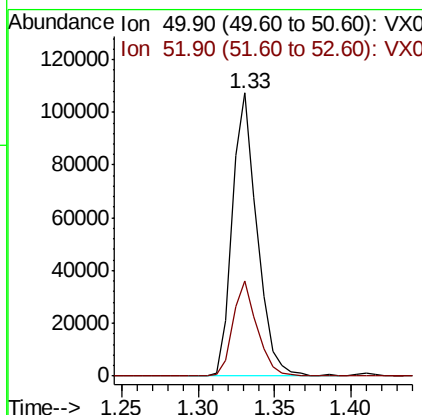
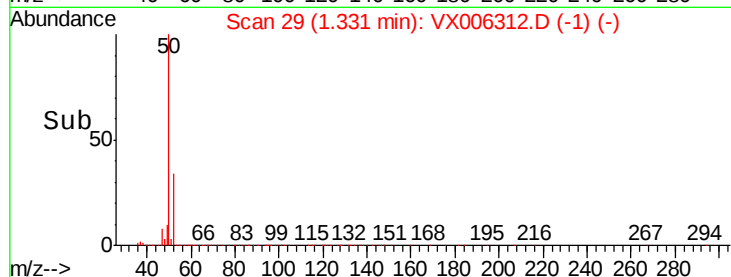
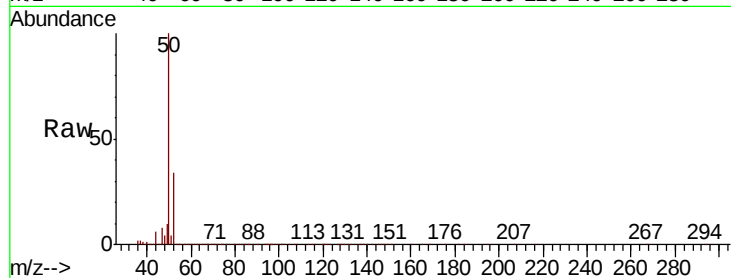
Ion Ratio Lower Upper

50 100

52 33.7 25.2 37.8

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#4

Vinyl Chloride

Concen: 17.774 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006312.D

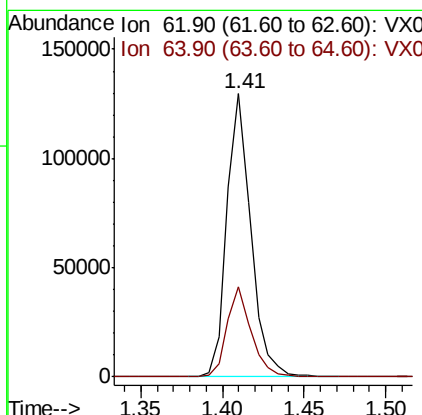
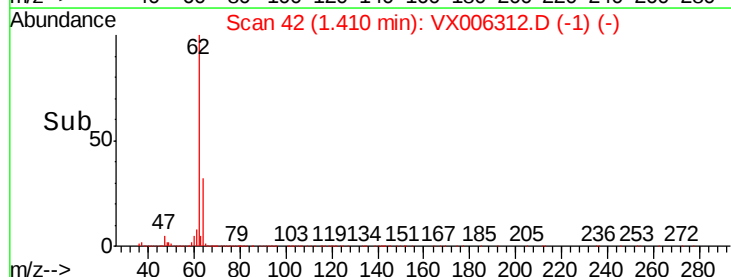
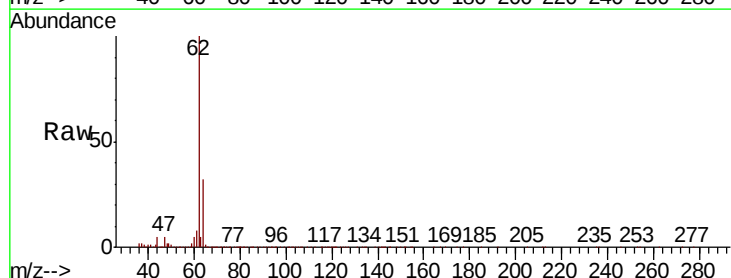
Acq: 06 Dec 2018 12:32

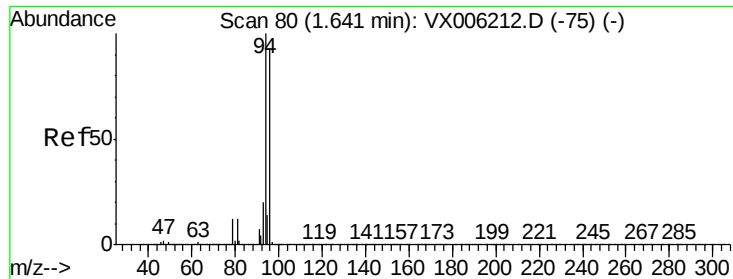
Tgt Ion: 62 Resp: 132897

Ion Ratio Lower Upper

62 100

64 31.9 24.9 37.3





#5

Bromomethane

Concen: 17.246 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampled :

VX1206MBS01

Tot Ion: 94 Resp: 89367

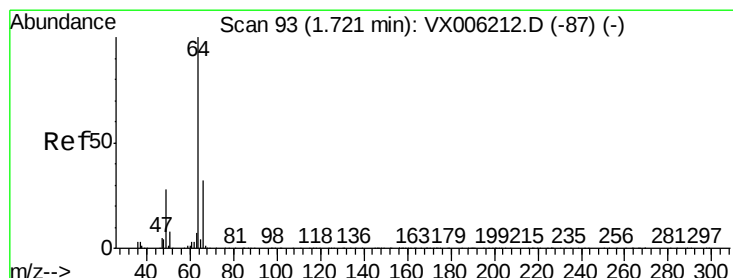
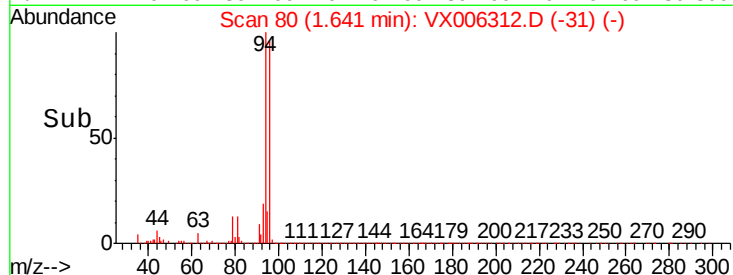
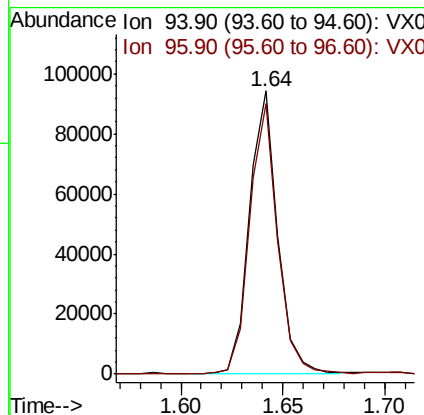
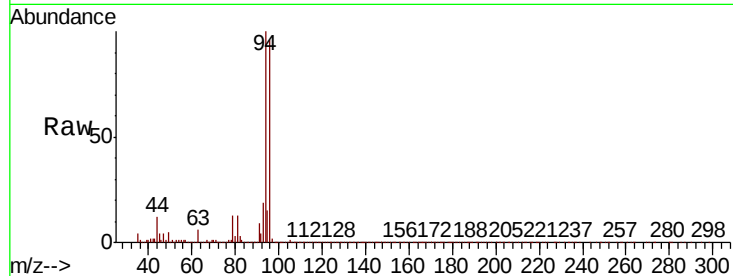
Ion Ratio Lower Upper

94 100

96 95.5 74.5 111.7

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#6

Chloroethane

Concen: 18.768 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006312.D

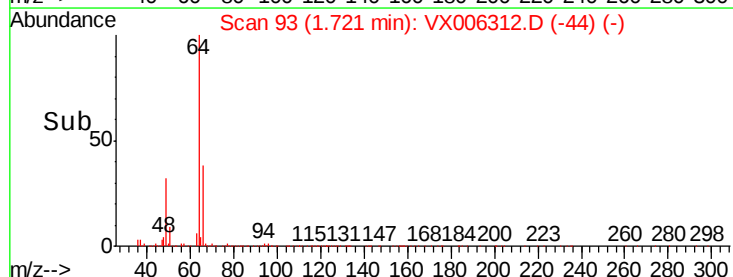
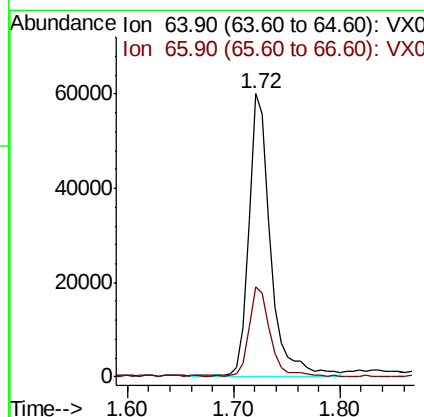
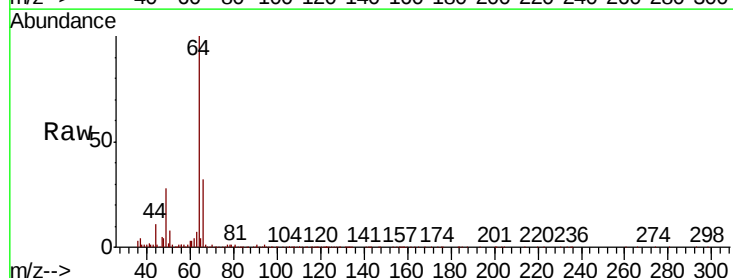
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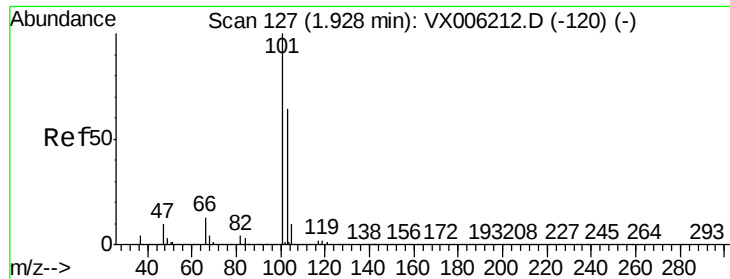
Tgt Ion: 64 Resp: 86043

Ion Ratio Lower Upper

64 100

66 31.3 25.9 38.9





#7

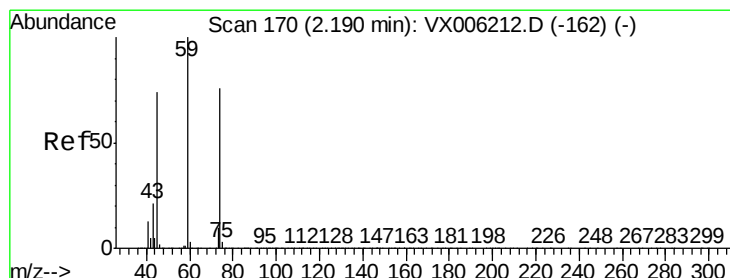
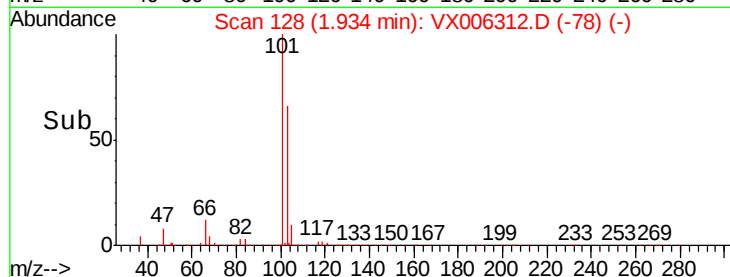
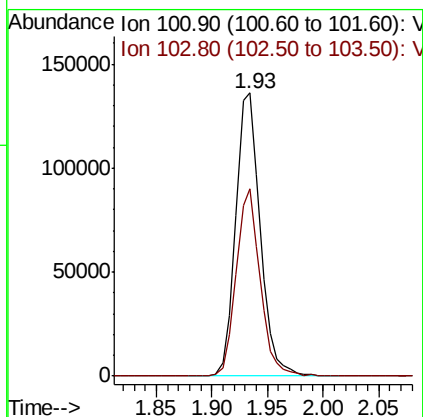
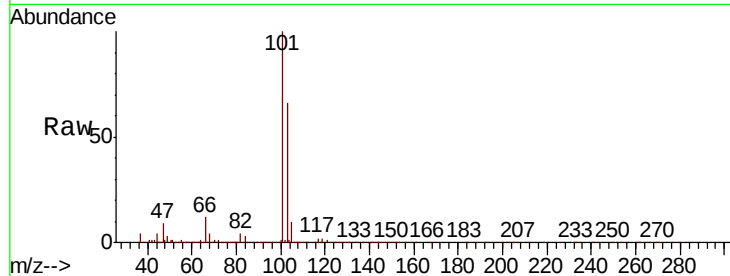
Trichlorofluoromethane
Concen: 18.080 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.0	76.4

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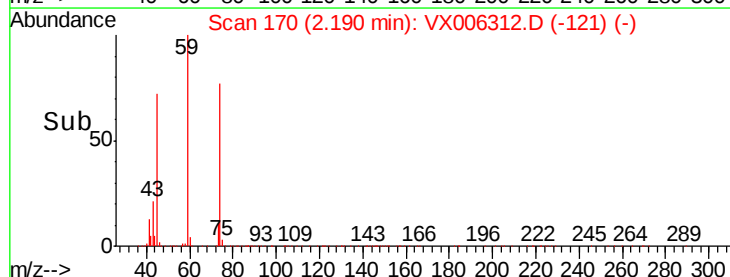
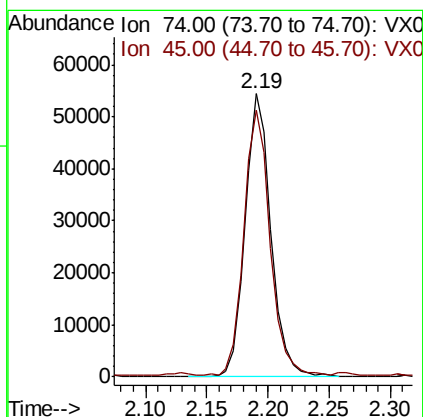
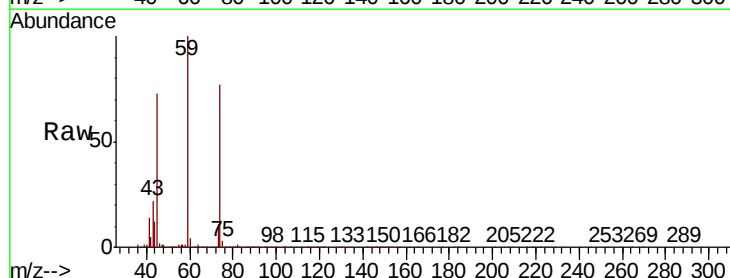
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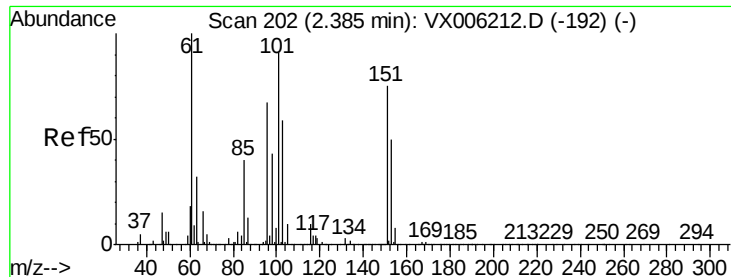


#8

Diethyl Ether
Concen: 18.204 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.023 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

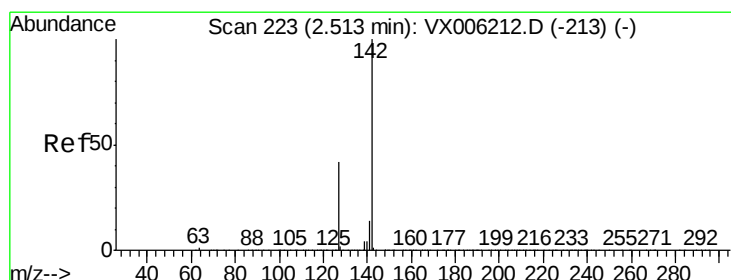
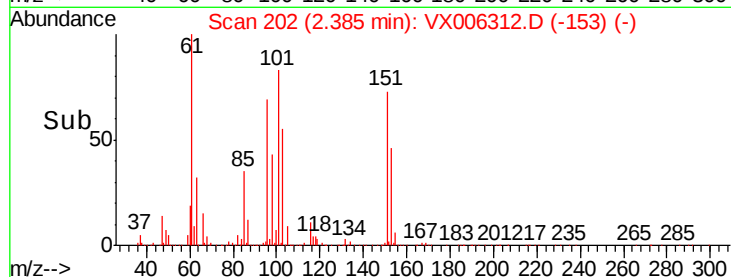
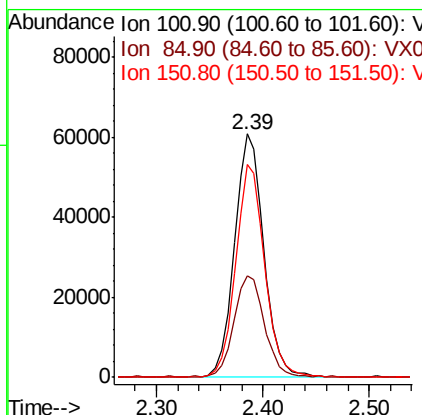
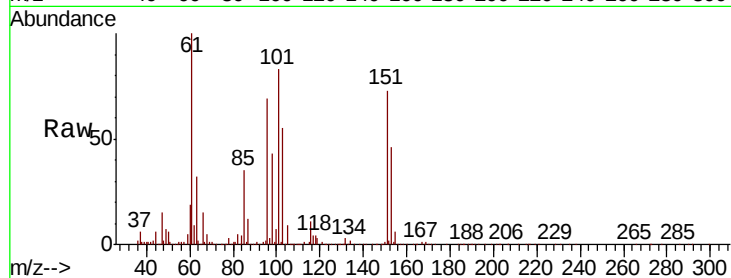
ClientSampleId :

VX1206MBS01

Tot Ion:	101	Resp:	117626
Ion Ratio	Lower	Upper	
101	100		
85	42.7	35.5	53.3
151	86.8	68.6	103.0

Manual Integrations
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#10

Methyl Iodide

Concen: 15.258 ug/l

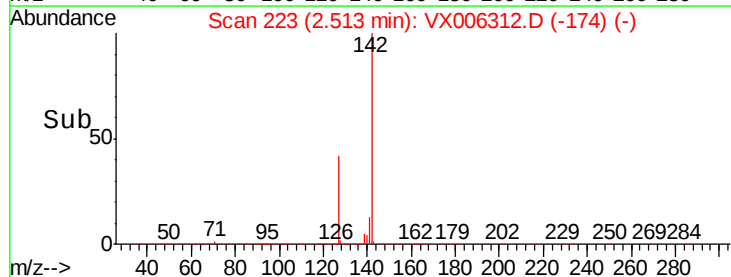
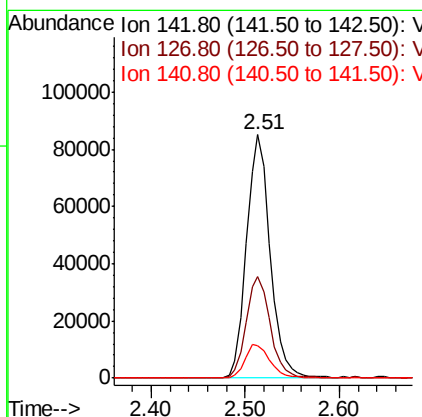
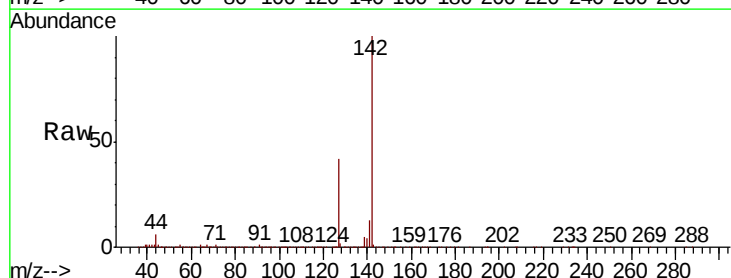
RT: 2.51 min Scan# 223

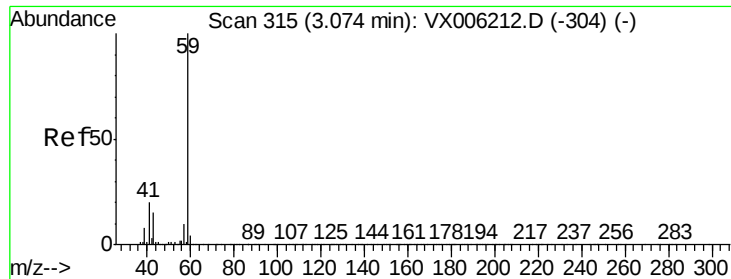
Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Tgt Ion:	142	Resp:	150074
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.8	52.2
141	14.3	11.4	17.2





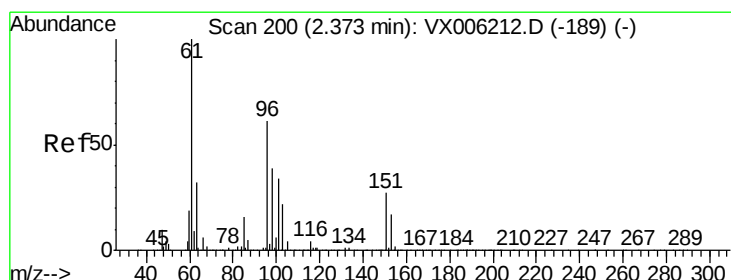
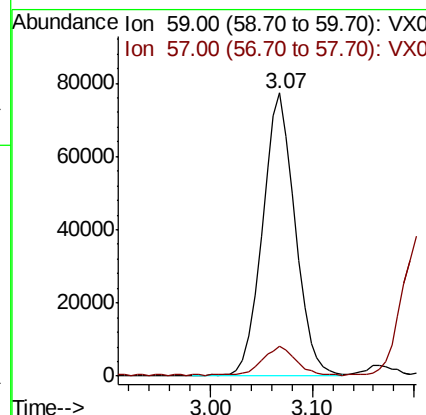
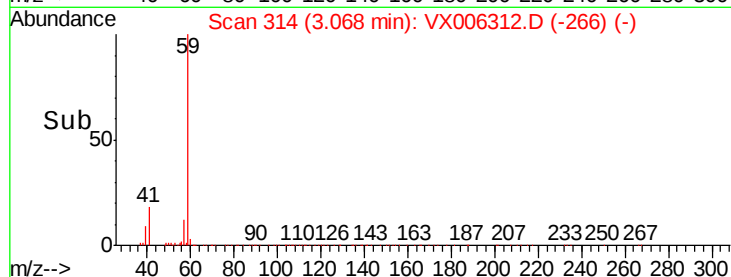
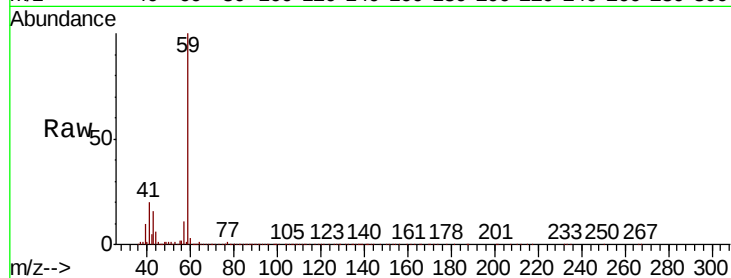
#11
Tert butyl alcohol
Concen: 88.804 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

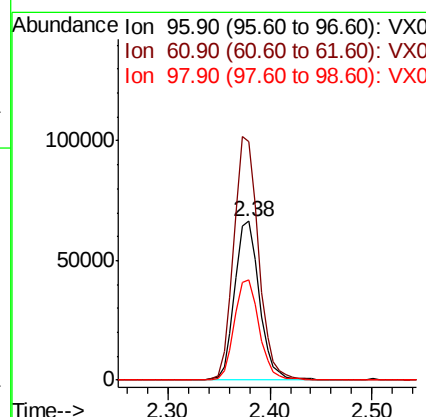
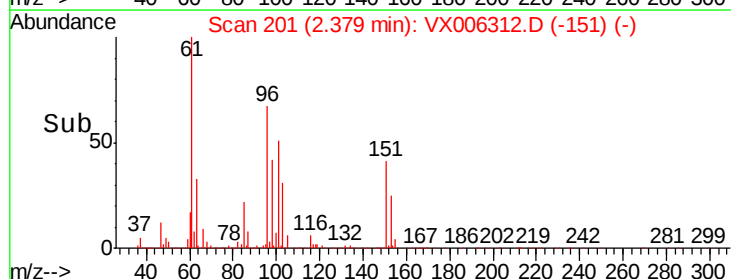
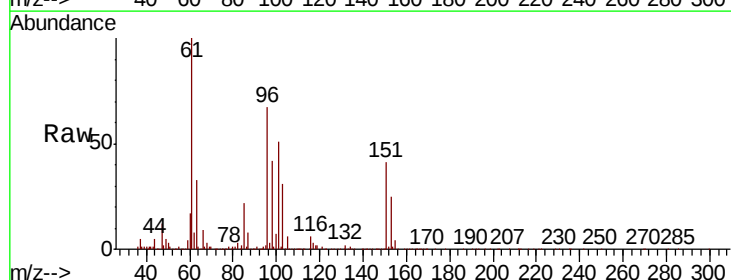
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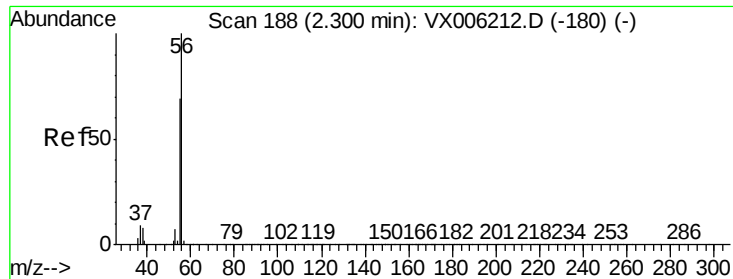
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.595 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.4	131.7	197.5
98	63.6	51.8	77.6





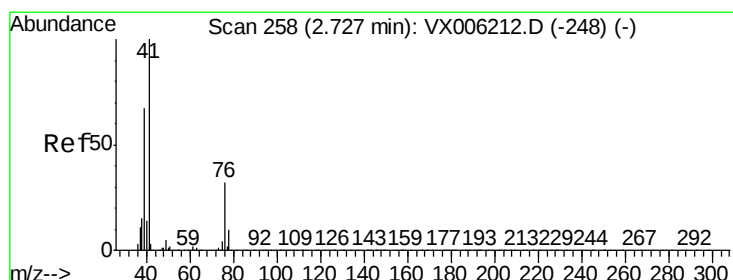
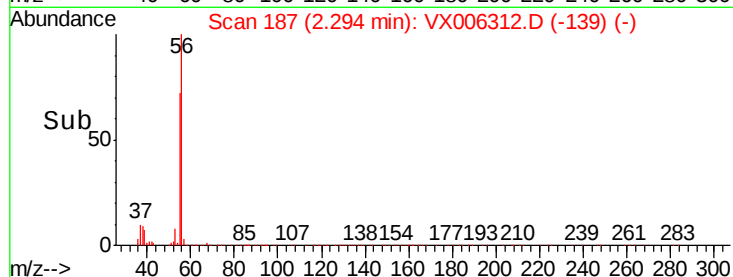
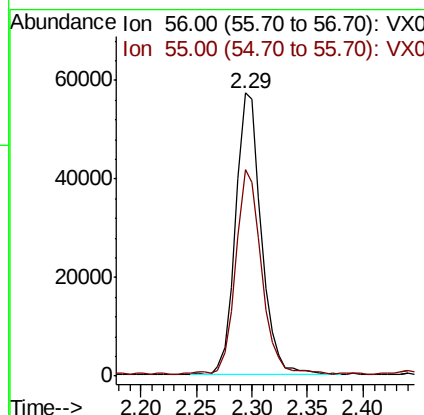
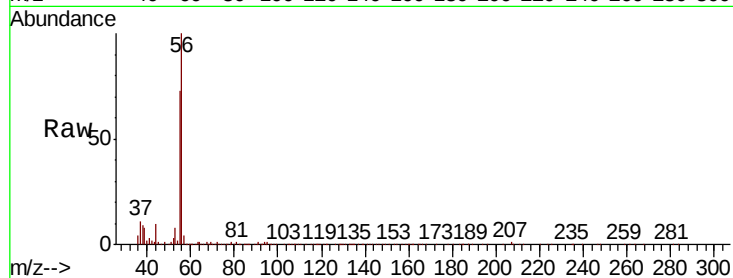
#13
Acrolein
Concen: 87.139 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	56	Resp	Lower	Upper
56	100			
55	72.5	57.8	86.6	

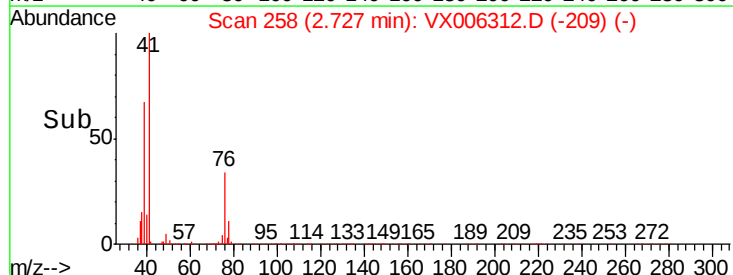
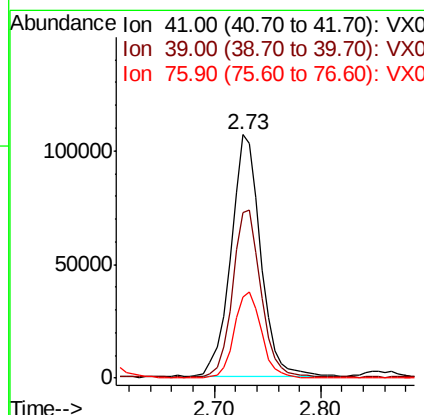
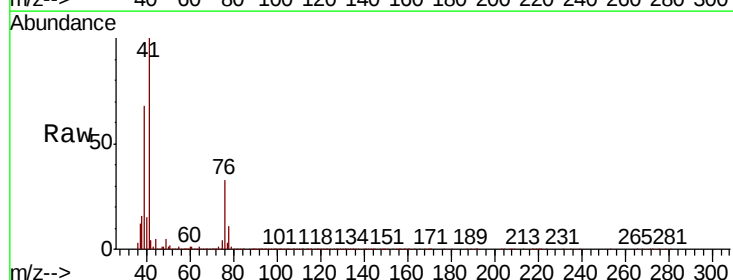
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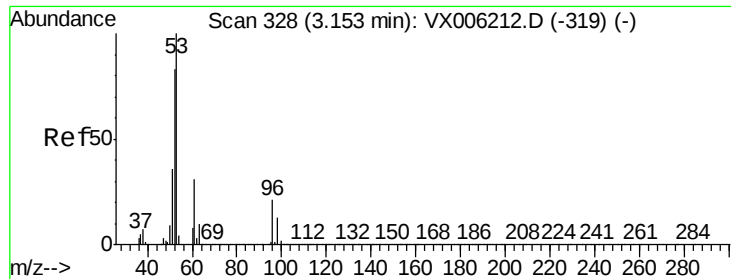
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#14
Allyl chloride
Concen: 16.857 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	41	Resp	Lower	Upper
41	100			
39	66.6	52.4	78.6	
76	33.2	25.4	38.0	





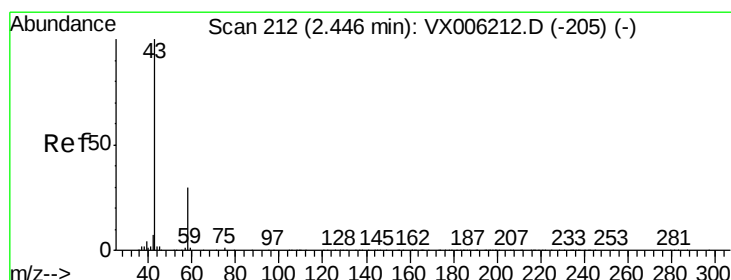
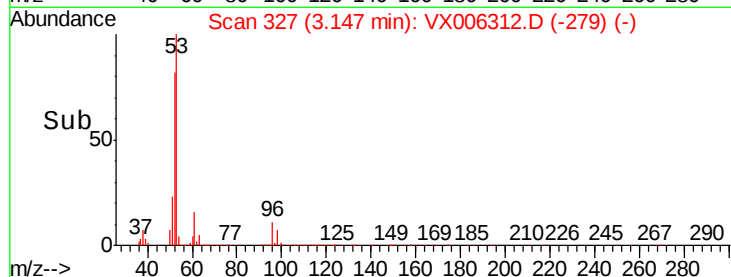
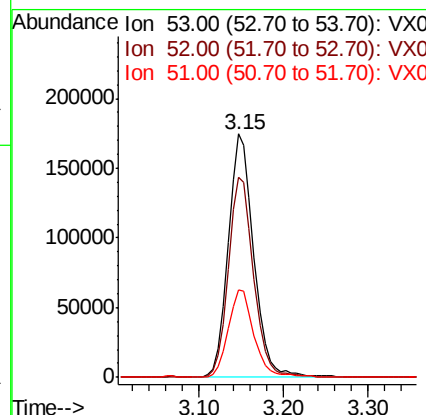
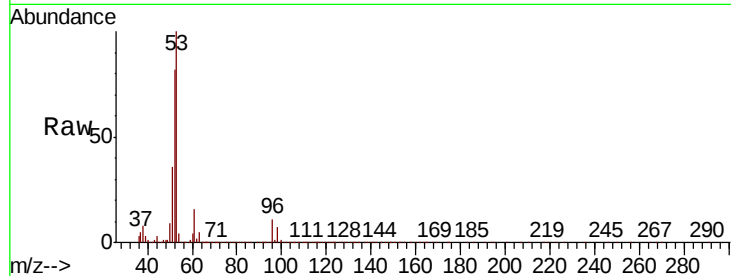
#15
Acrylonitrile
Concen: 88.772 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.4
51	36.4	28.7	43.1

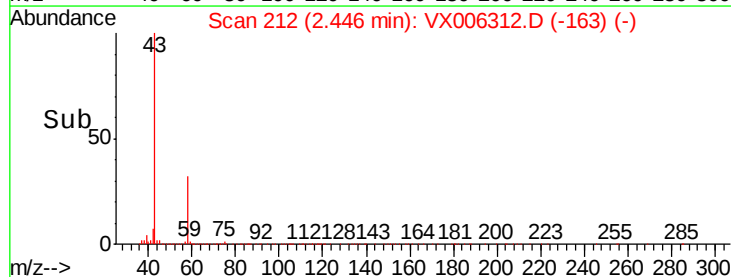
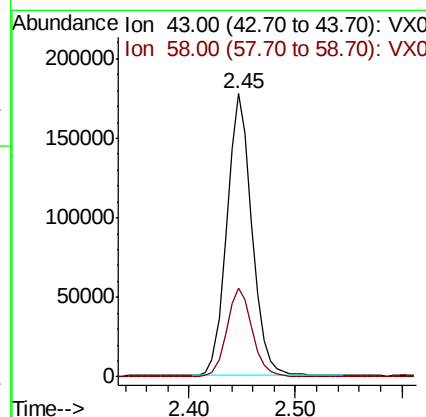
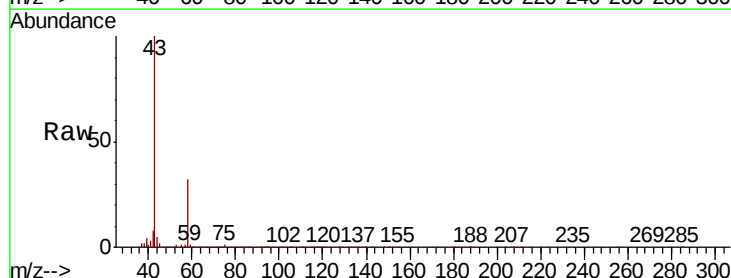
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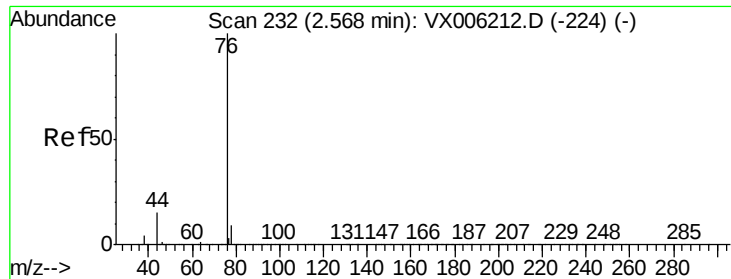
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#16
Acetone
Concen: 87.621 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.0	36.0





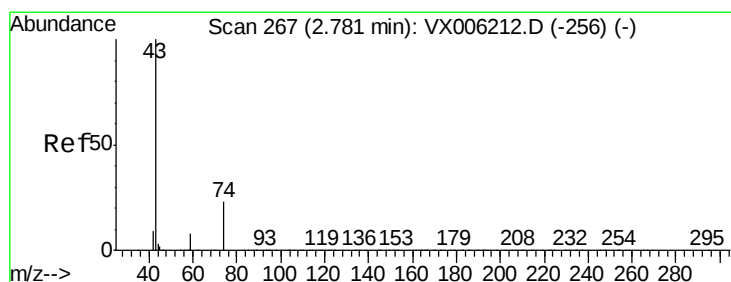
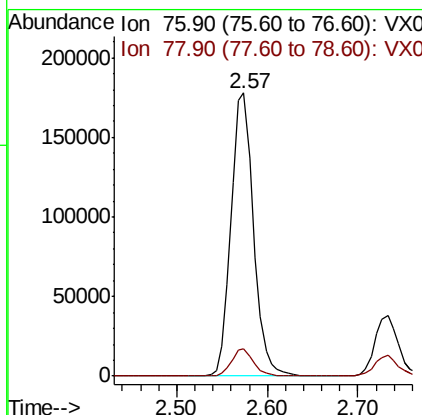
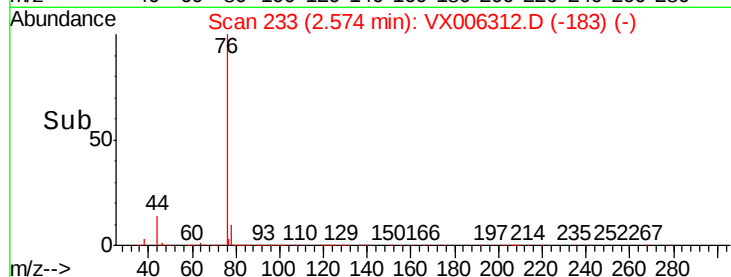
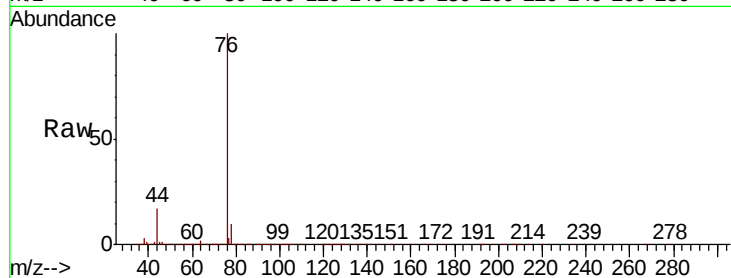
#17
Carbon Disulfide
Concen: 15.899 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

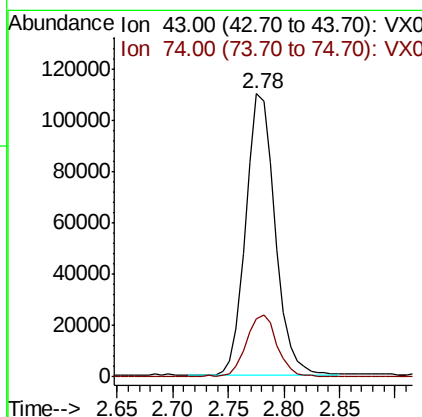
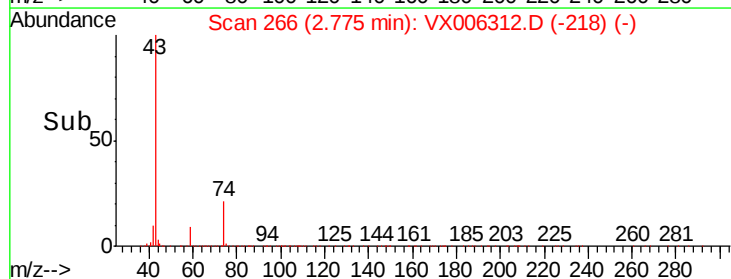
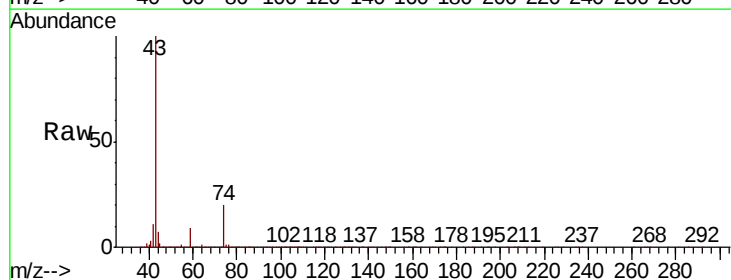
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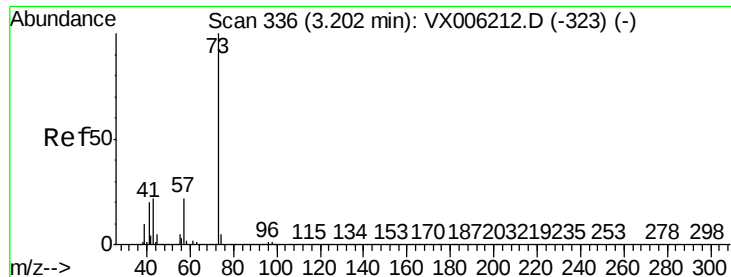
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#18
Methyl Acetate
Concen: 18.398 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	17.9	26.9





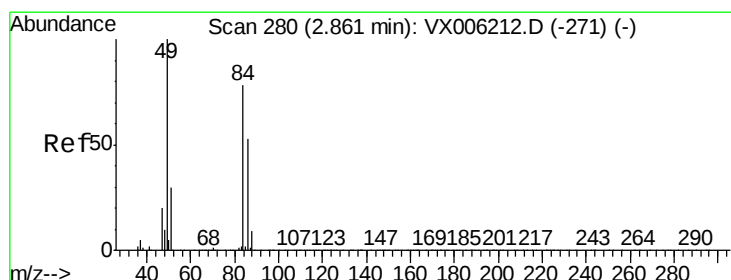
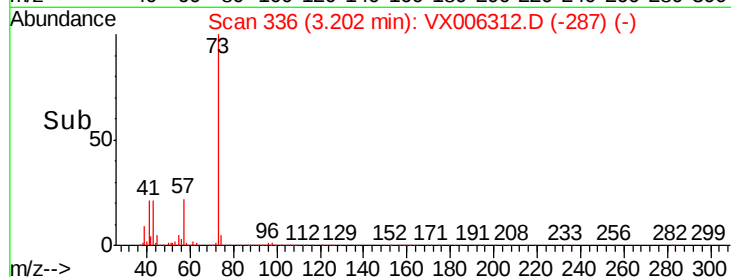
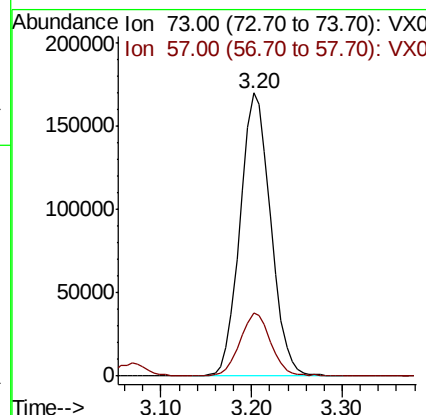
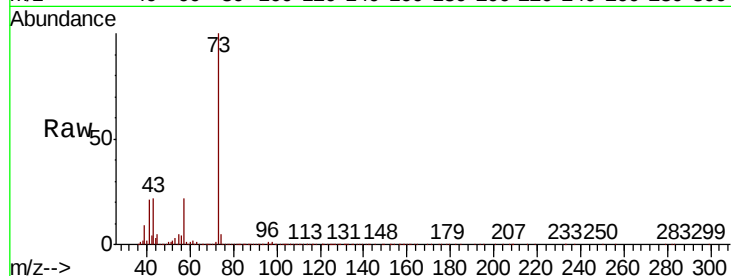
#19
Methvl tert-butvl Ether
Concen: 17.837 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.5	26.3

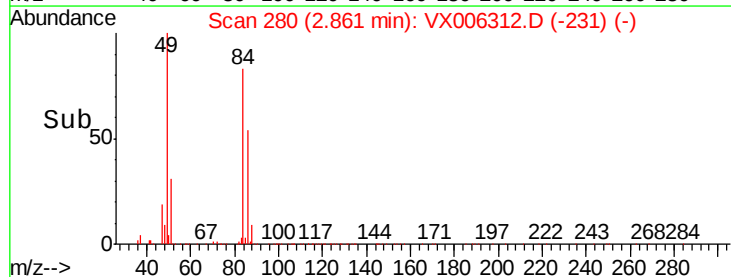
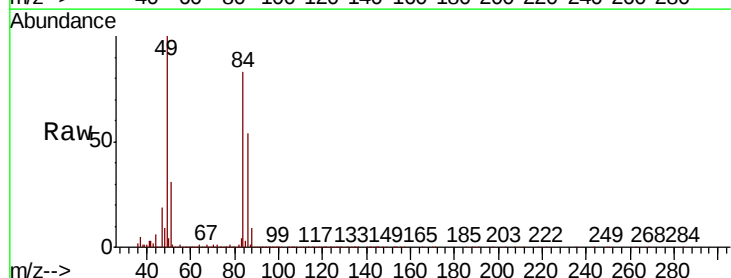
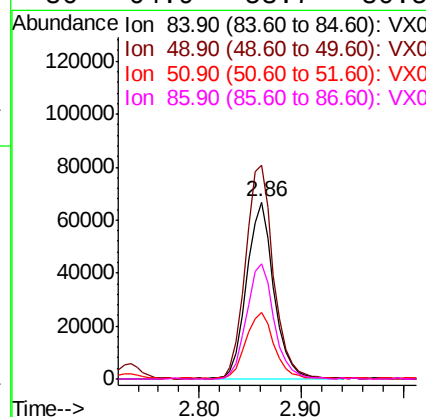
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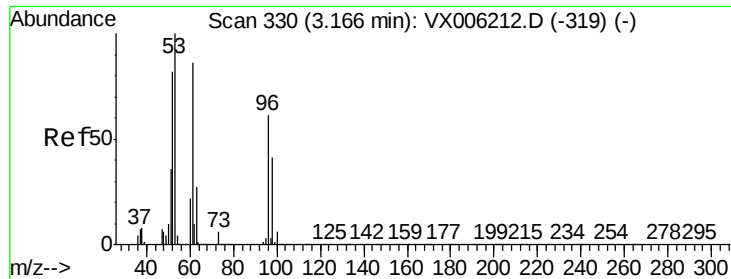
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#20
Methylene Chloride
Concen: 17.452 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.8	102.2	153.4
51	37.2	31.1	46.7
86	64.9	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 17.672 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

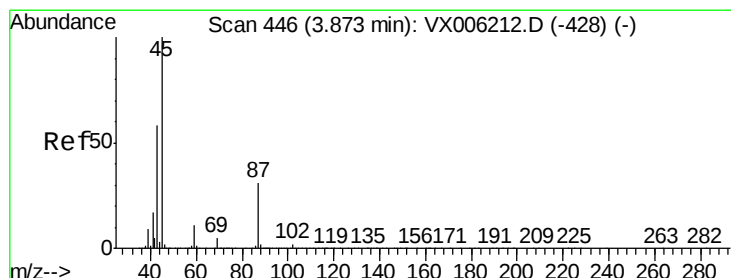
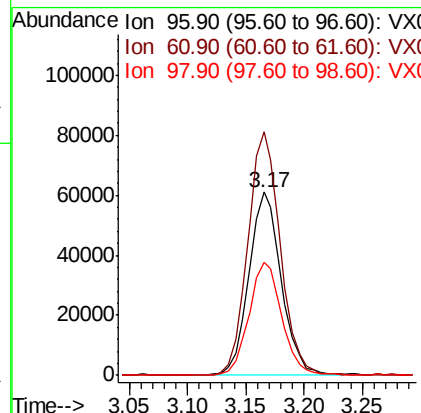
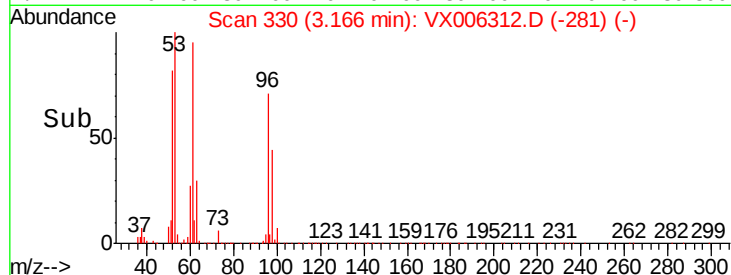
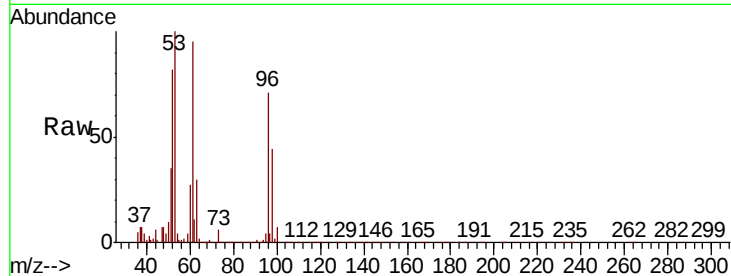
ClientSampleId :

VX1206MBS01

Tot Ion:	96	Resp:	117659
Ion Ratio	Lower	Upper	
96	100		
61	132.8	113.3	169.9
98	61.8	53.2	79.8

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#22

Diisopropyl ether

Concen: 18.405 ug/l

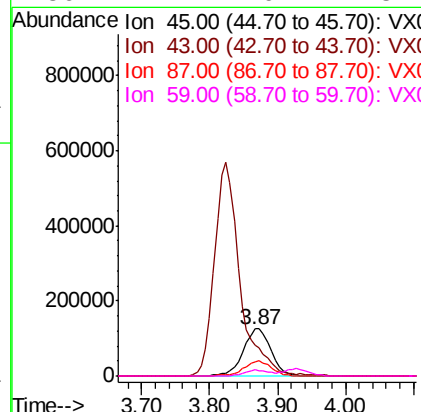
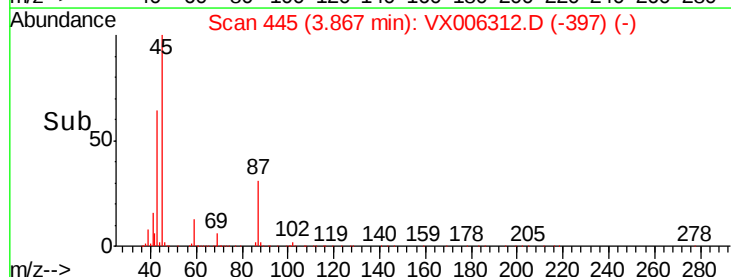
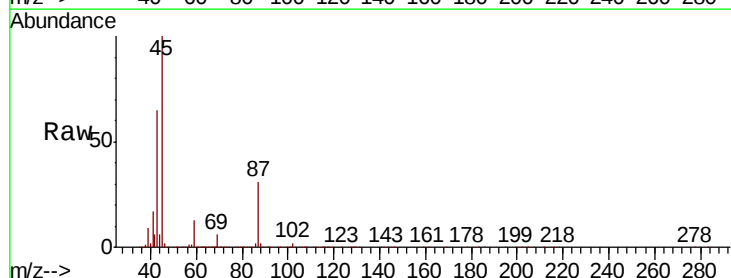
RT: 3.87 min Scan# 445

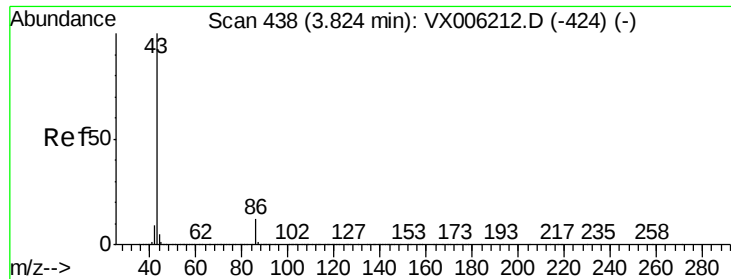
Delta R.T. -0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Tgt Ion:	45	Resp:	354798
Ion Ratio	Lower	Upper	
45	100		
43	63.9	46.2	69.2
87	30.7	24.9	37.3
59	12.7	9.1	13.7





#23

Vinyl Acetate

Concen: 90.388 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1206MBS01

Tot Ion: 43 Resp: 1486152

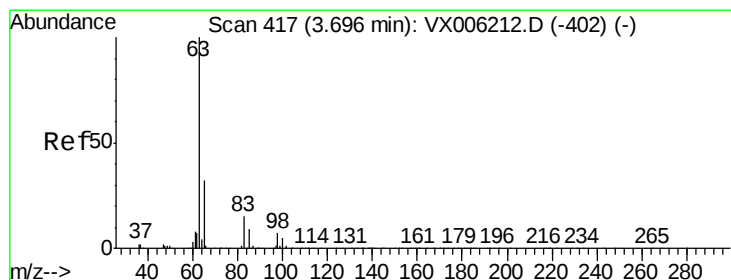
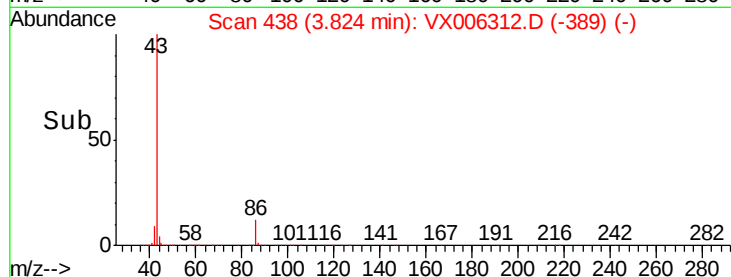
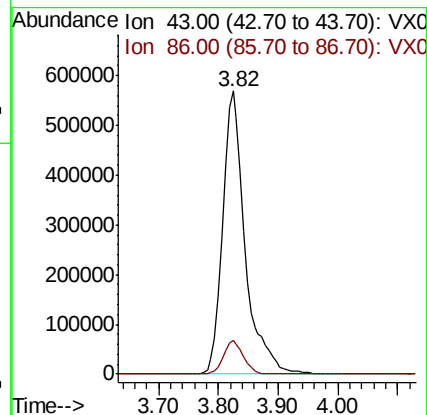
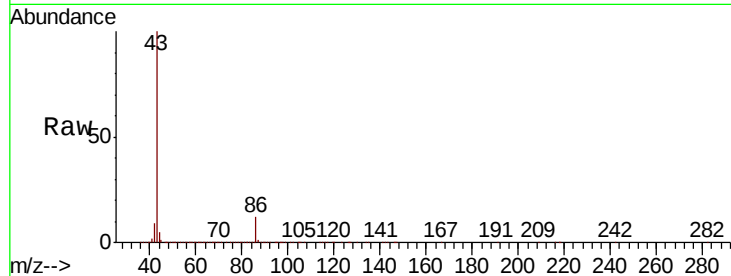
Ion Ratio Lower Upper

43 100

86 12.1 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 18.695 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

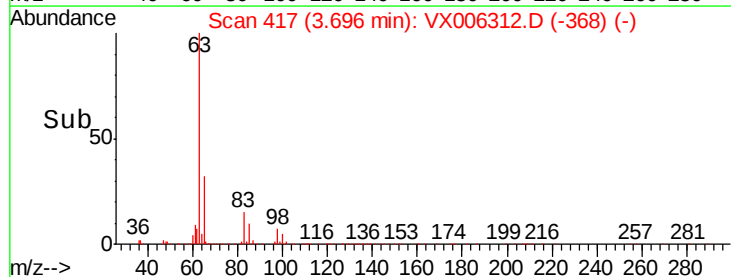
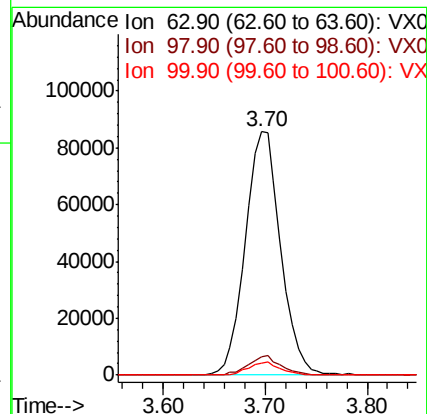
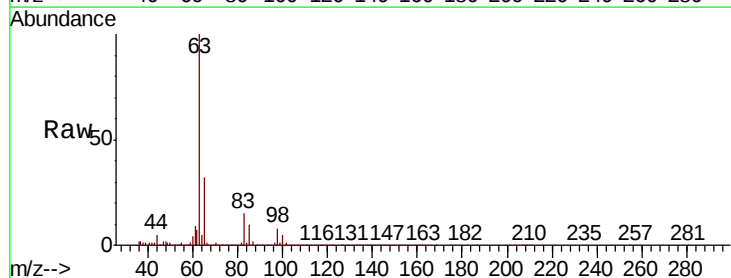
Tgt Ion: 63 Resp: 205985

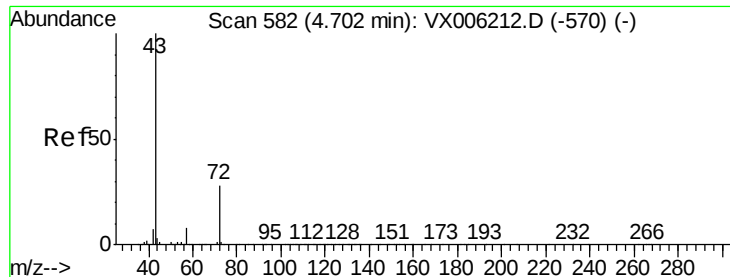
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.8 2.5 7.4





#25

2-Butanone

Concen: 91.325 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Tot Ion: 43 Resp: 431037

Ion Ratio Lower Upper

43 100

72 29.3 22.6 33.8

Instrument :

MSVOA_X

ClientSampleId :

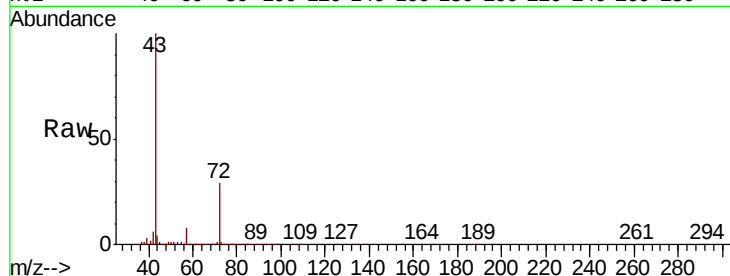
VX1206MBS01

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

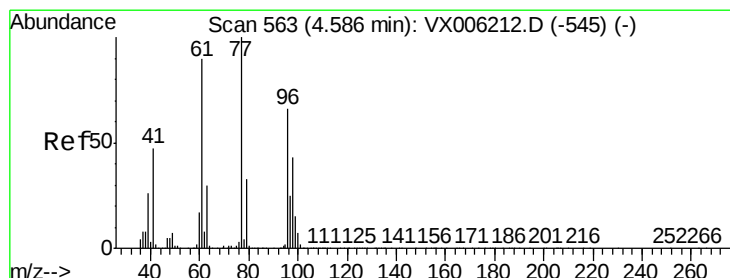
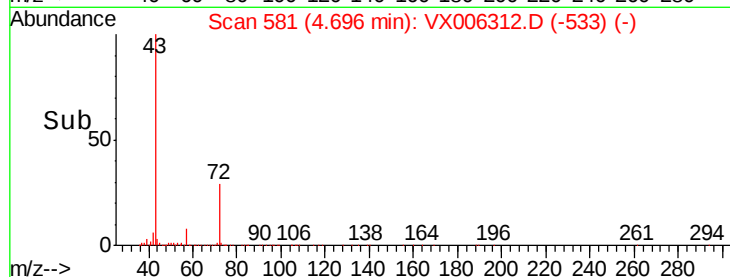
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.505 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006312.D

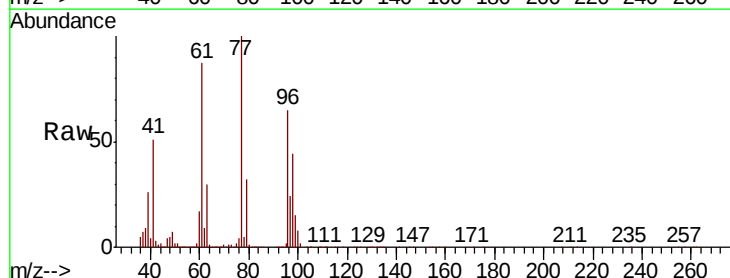
Acq: 06 Dec 2018 12:32

Tgt Ion: 77 Resp: 188171

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

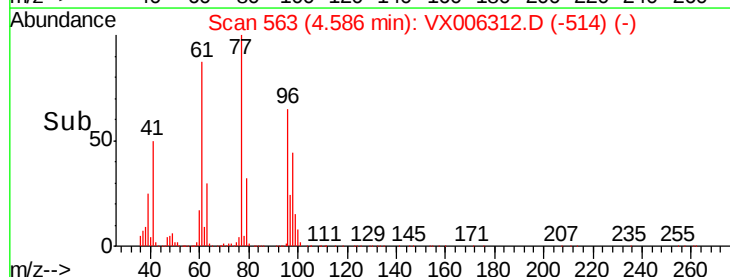
40000

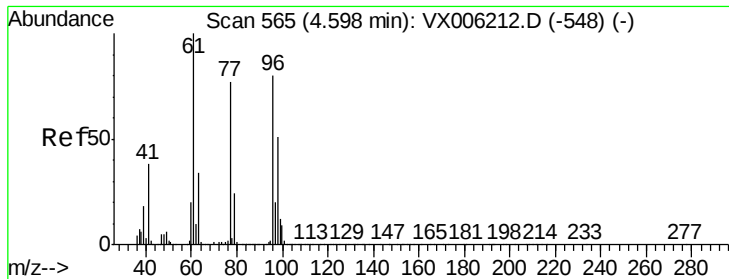
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

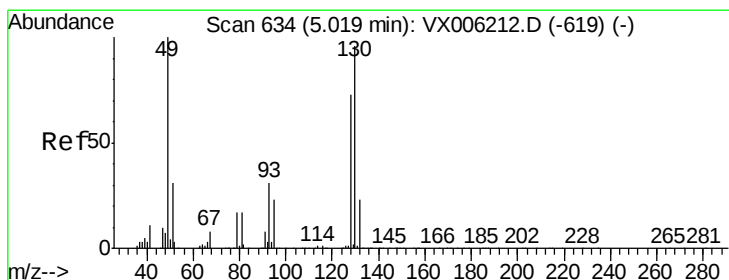
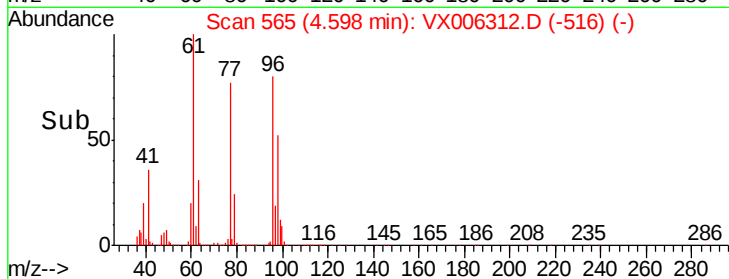
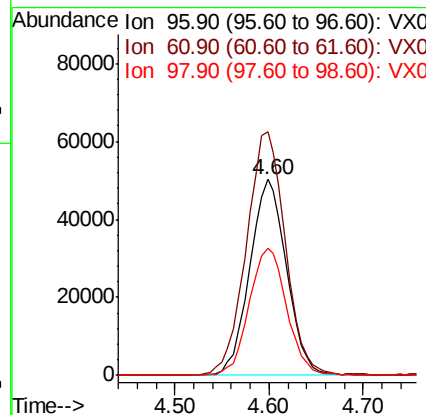
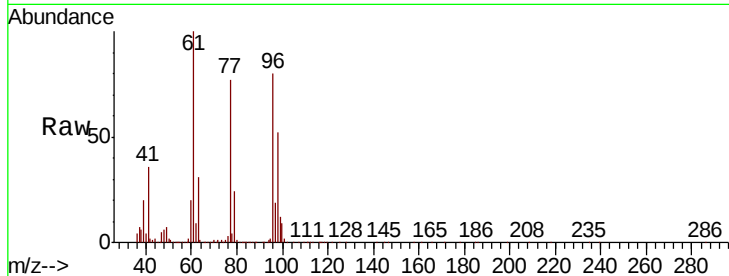
cis-1,2-Dichloroethene
 Concen: 18.459 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	265.0
98	67.0	0.0	130.2

Manual Integrations
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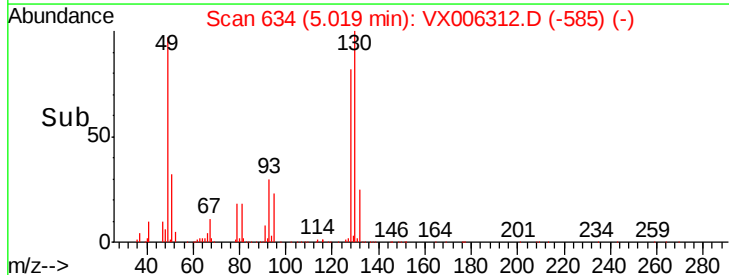
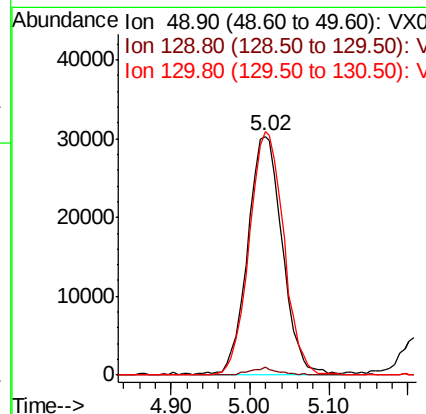
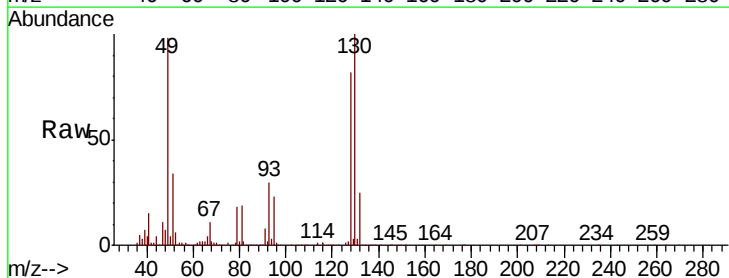
MMDadoda
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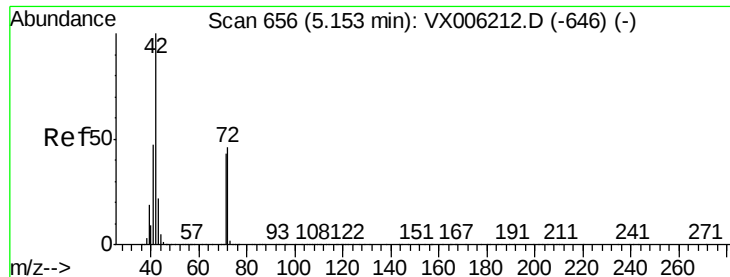


#28

Bromochloromethane
 Concen: 19.364 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	100.6	78.3	117.5





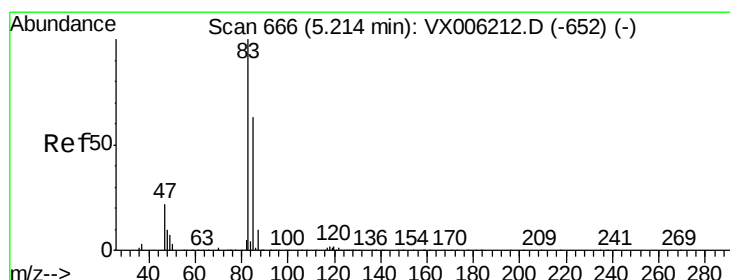
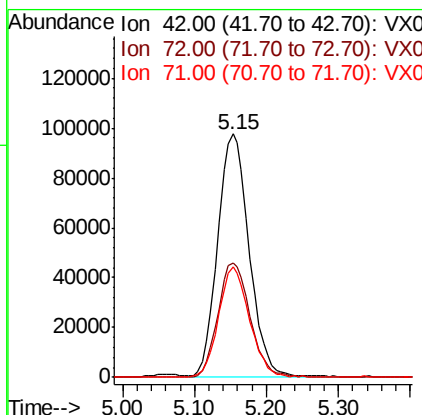
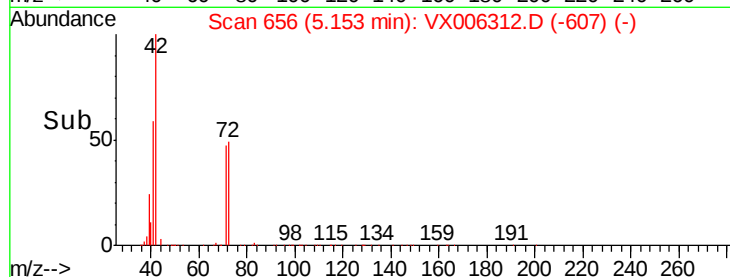
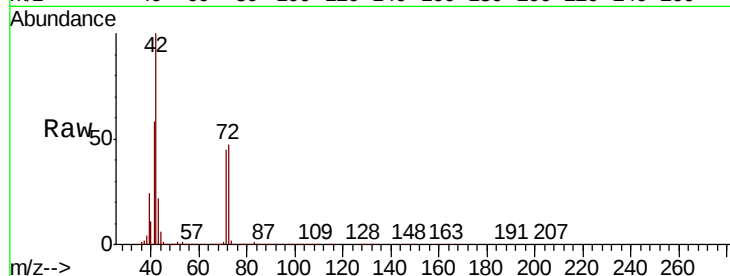
#29
Tetrahydrofuran
Concen: 89.904 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.8	56.8
71	44.9	35.2	52.8

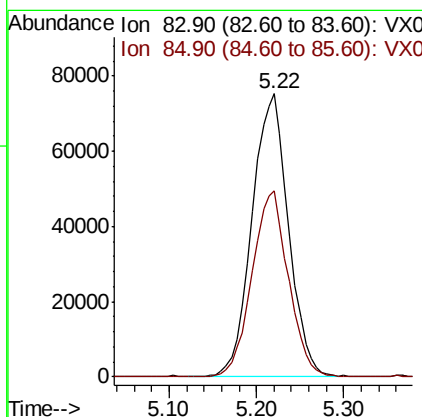
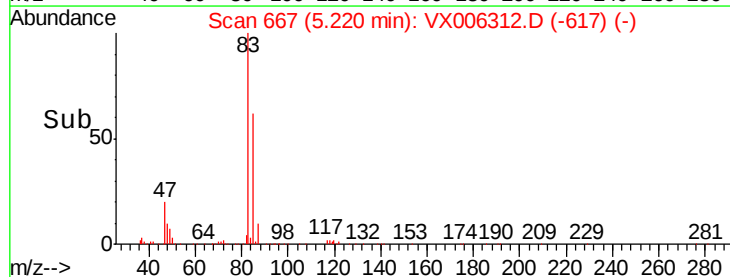
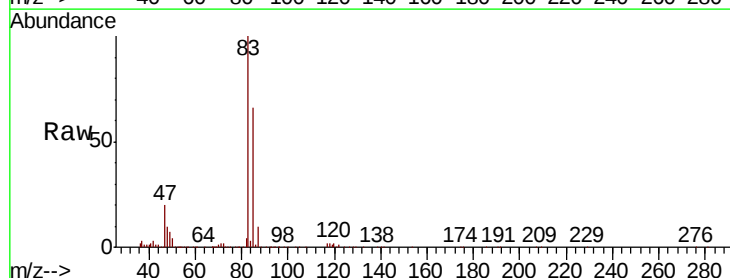
Manual Integrations
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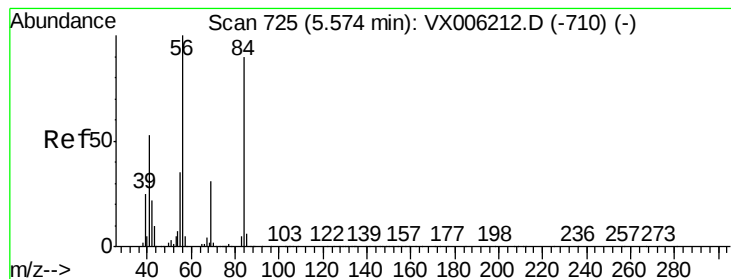
MMDadoda
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#30
Chloroform
Concen: 18.833 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.3	75.5





#31

Cyclohexane

Concen: 17.688 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

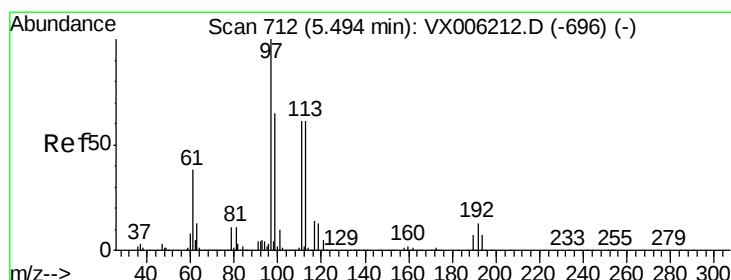
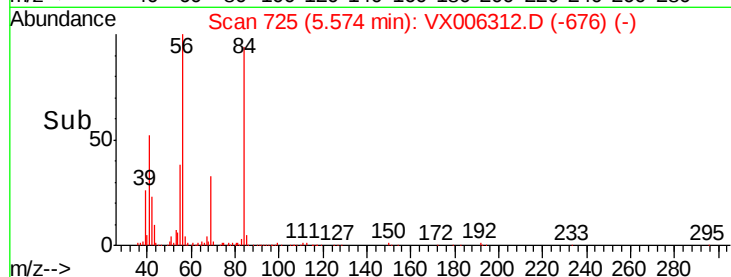
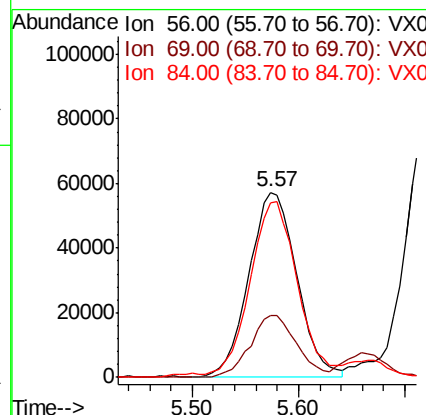
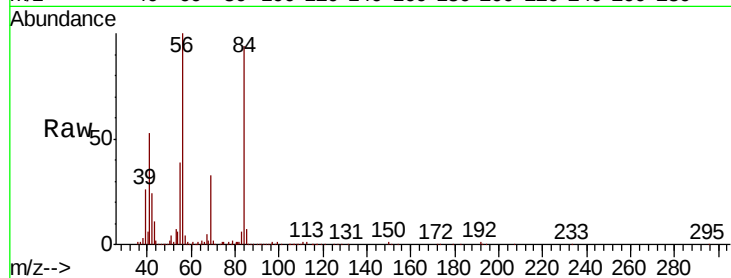
ClientSampled :

VX1206MBS01

Tot Ion:	56	Resp:	180117
Ion Ratio		Lower	Upper
56	100		
69	33.0	24.5	36.7
84	91.7	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 18.035 ug/l

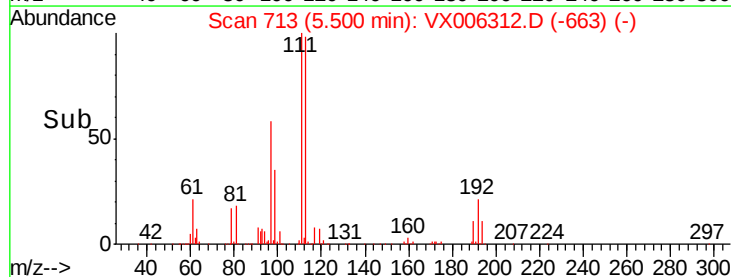
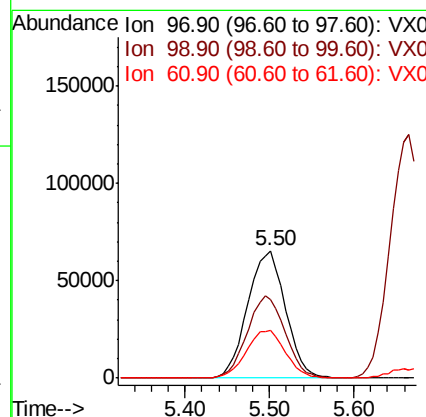
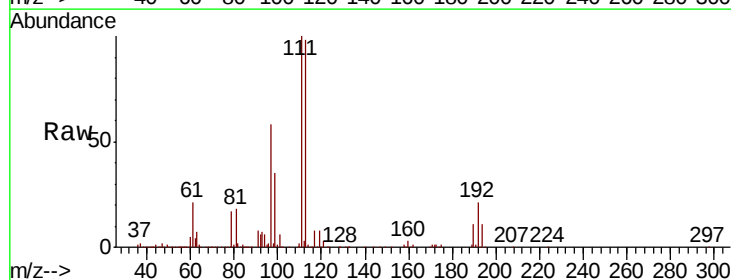
RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Tgt Ion:	97	Resp:	198691
Ion Ratio		Lower	Upper
97	100		
99	65.2	51.6	77.4
61	39.1	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 46.916 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1206MBS01

Tot Ion: 65 Resp: 330687

Ion Ratio Lower Upper

65 100

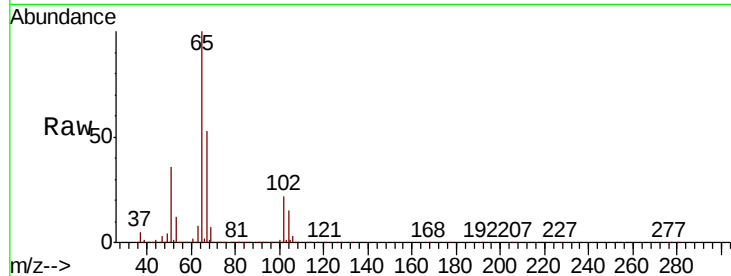
67 53.2 0.0 107.2

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

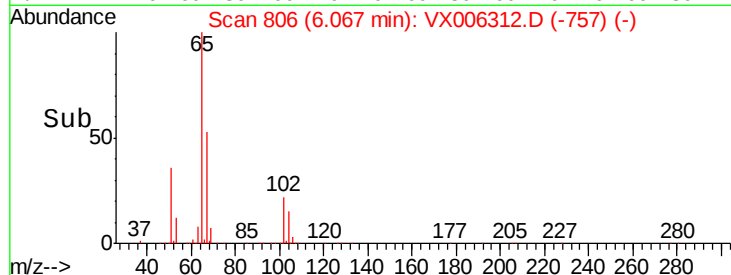
150000

100000

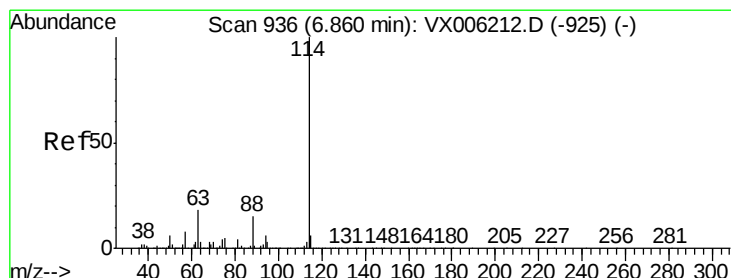
50000

0

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

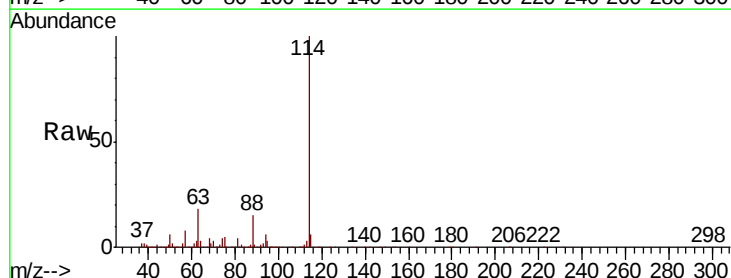
Tgt Ion: 114 Resp: 1044306

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

88 15.1 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

600000

500000

400000

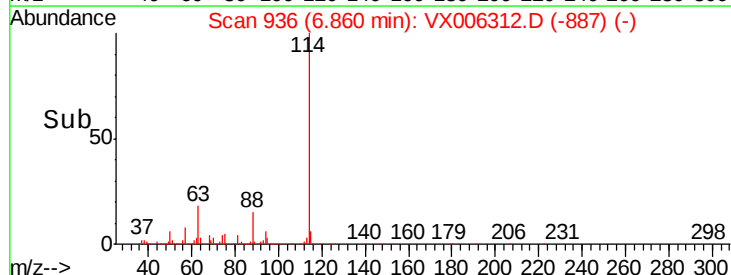
300000

200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.041 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

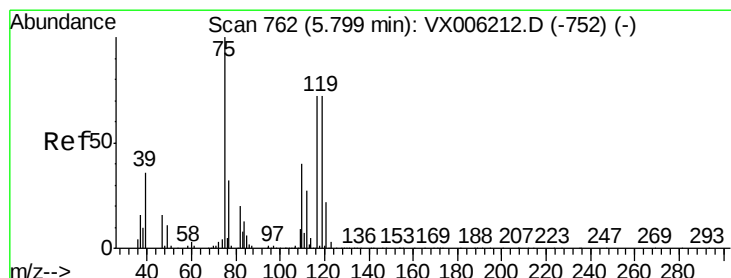
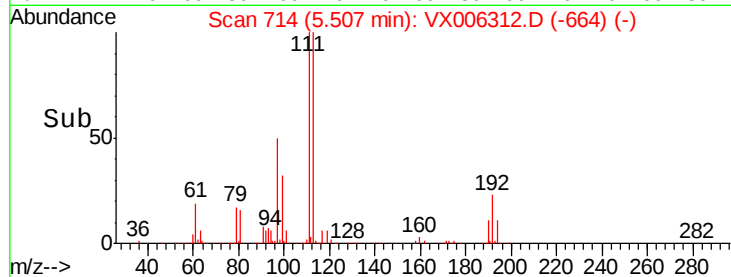
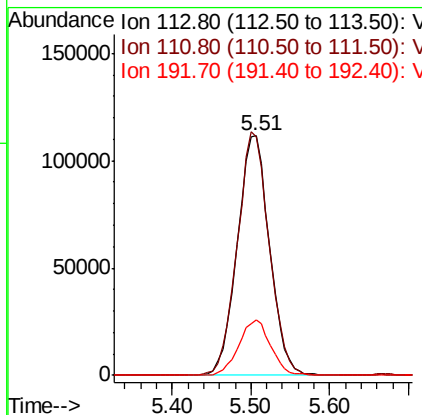
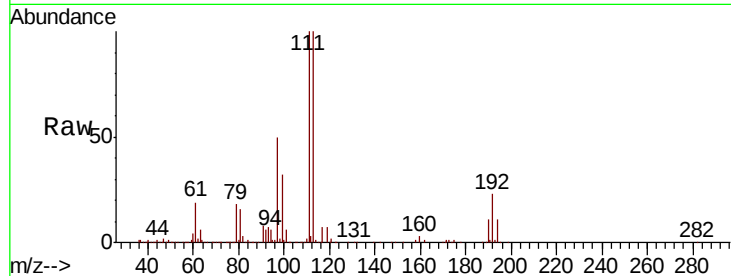
ClientSampleId :

VX1206MBS01

Tot Ion:	113	Resp:	318067
Ion Ratio	Lower	Upper	
113	100		
111	100.3	81.1	121.7
192	22.7	18.2	27.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.562 ug/l

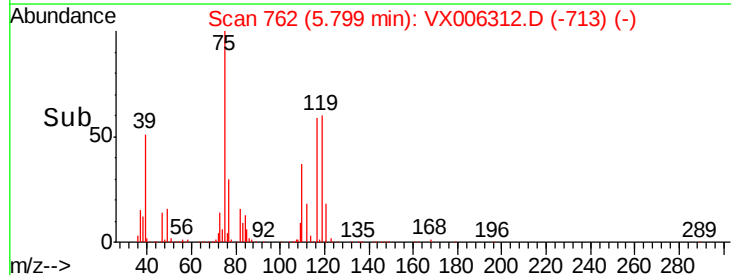
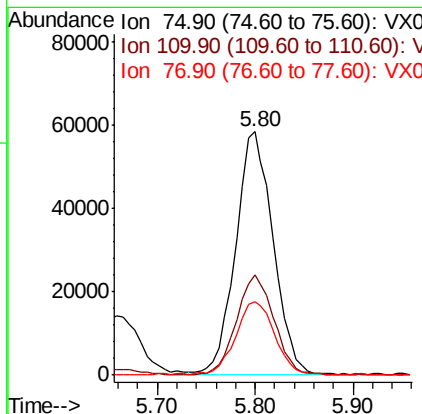
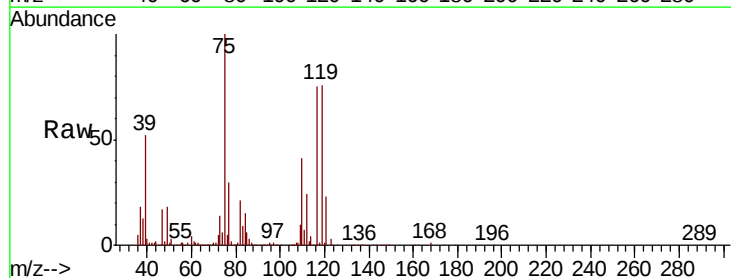
RT: 5.80 min Scan# 762

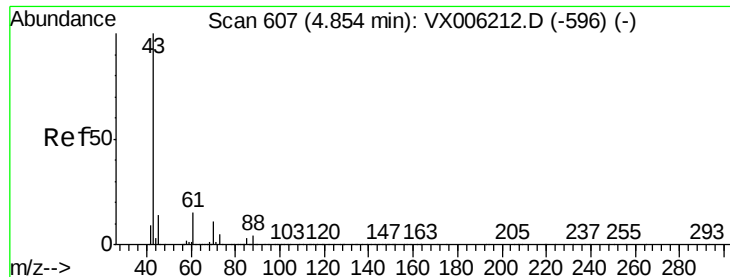
Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Tgt Ion:	75	Resp:	154444
Ion Ratio	Lower	Upper	
75	100		
110	41.5	20.4	61.3
77	30.9	24.9	37.3





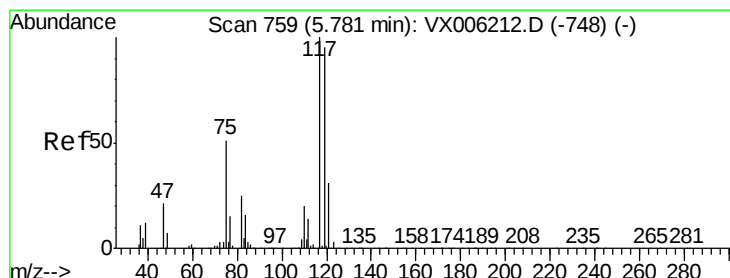
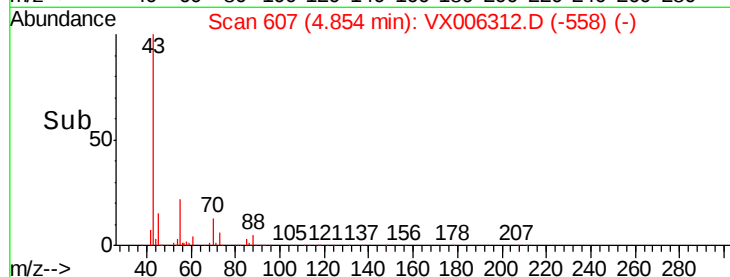
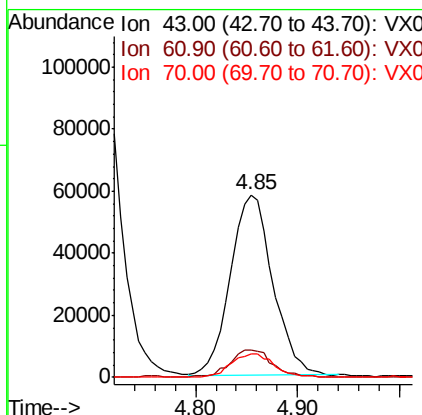
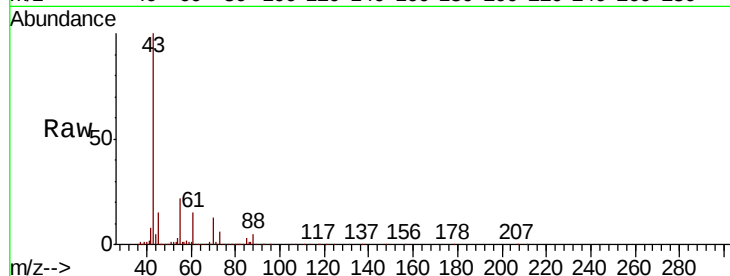
#37
Ethyl Acetate
Concen: 17.046 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.5	17.3
70	13.5	9.0	13.6

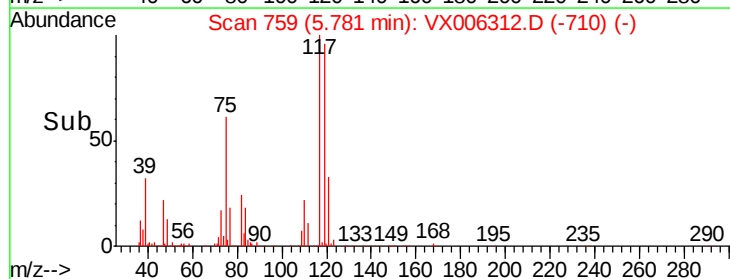
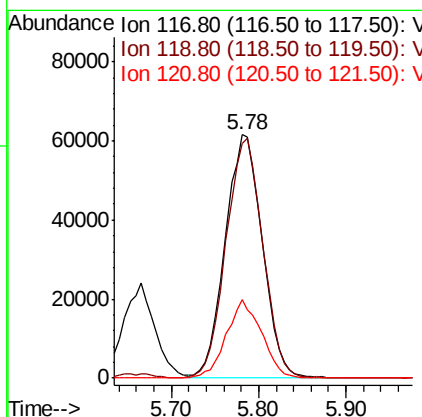
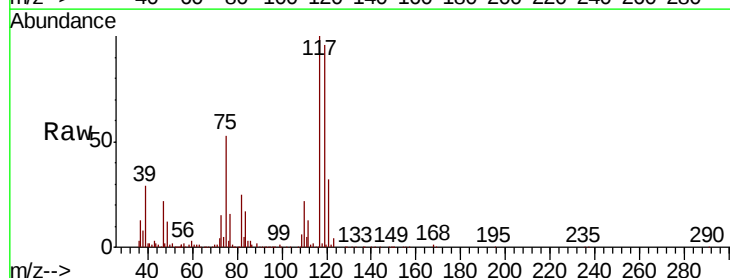
Manual Integrations
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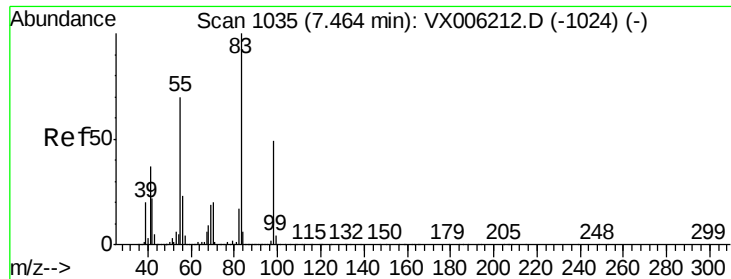
MMDadoda
12/7/2018 11:19:04 AM



#38
Carbon Tetrachloride
Concen: 17.564 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
121	32.0	24.6	37.0





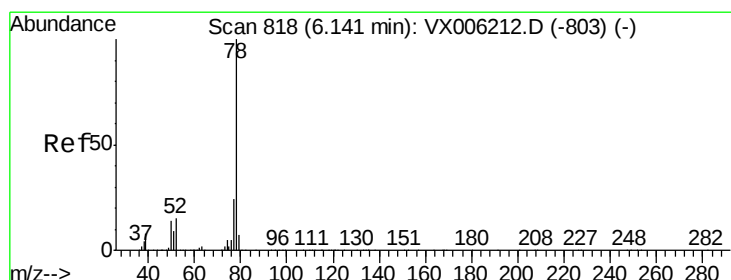
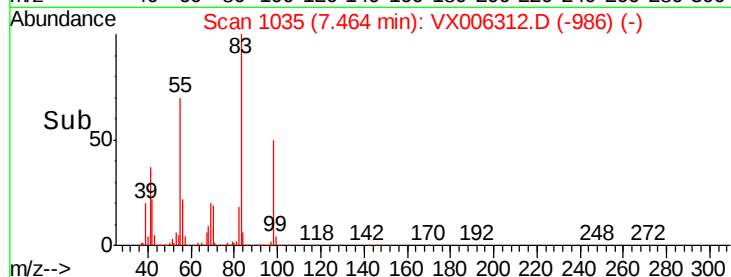
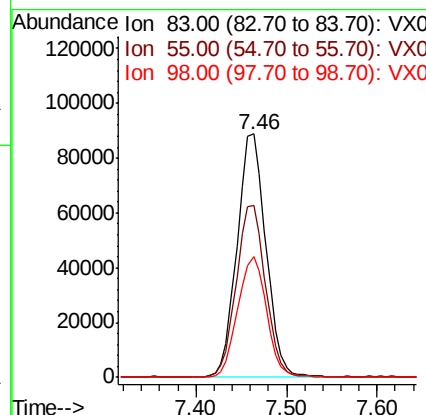
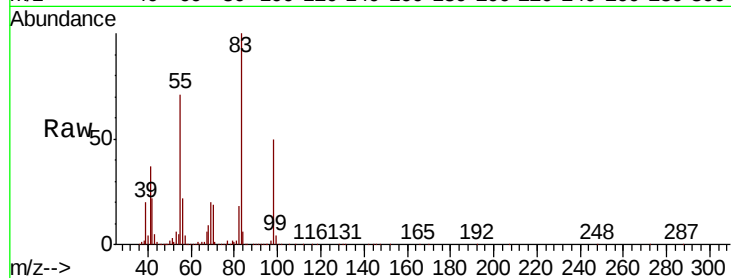
#39
Methvlcvclohexane
Concen: 17.226 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.5	56.4	84.6
98	49.8	39.0	58.6

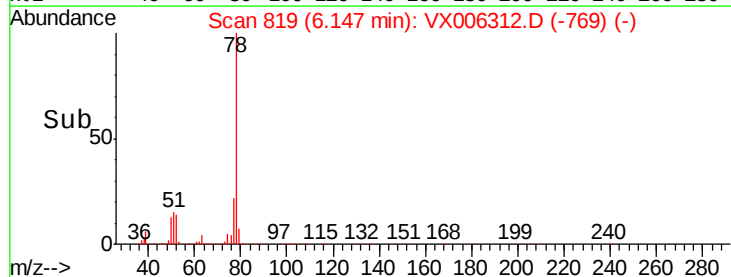
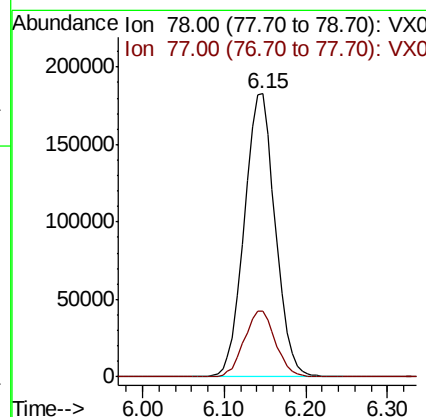
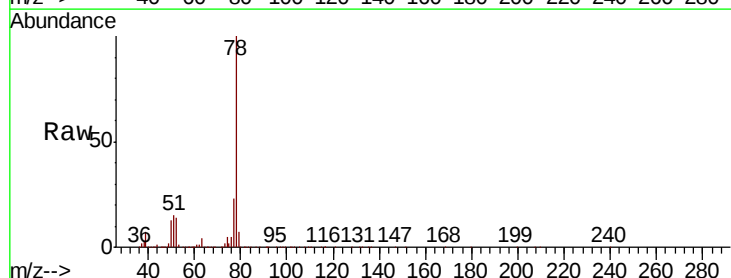
Manual Integrations
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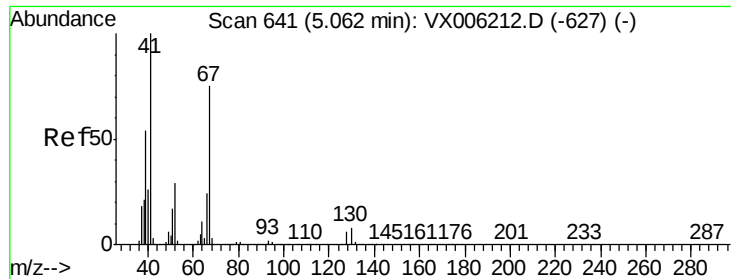
MMDadoda
12/7/2018 11:19:04 AM



#40
Benzene
Concen: 18.280 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





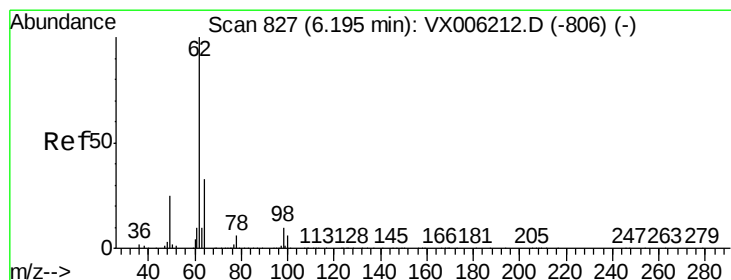
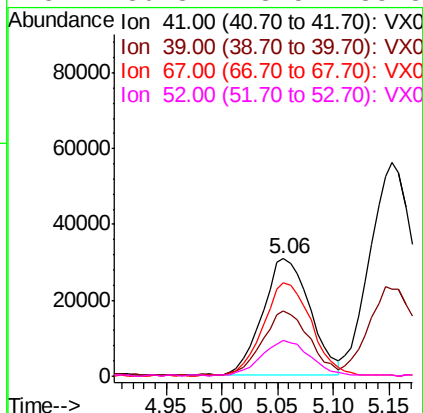
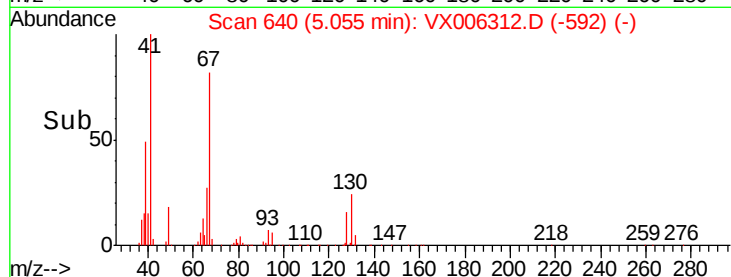
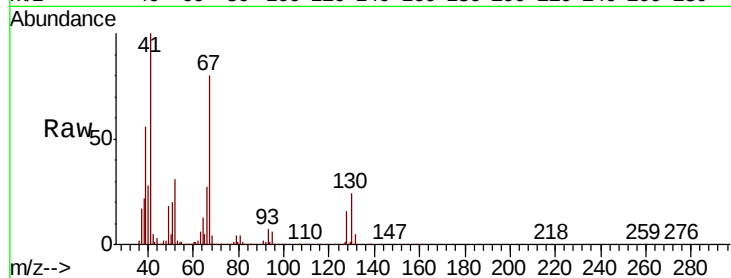
#41
Methacrylonitrile
Concen: 16.912 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	44.0	66.0	
67	80.8	61.4	92.0	
52	30.3	23.5	35.3	

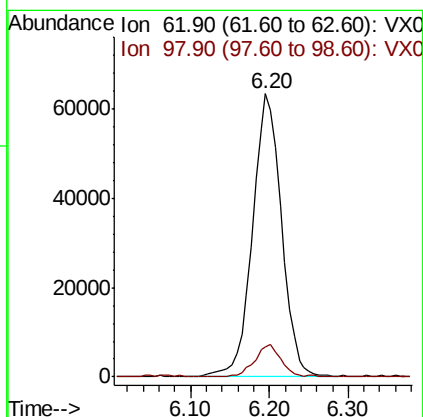
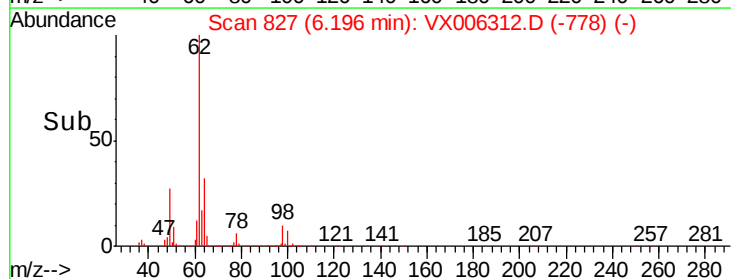
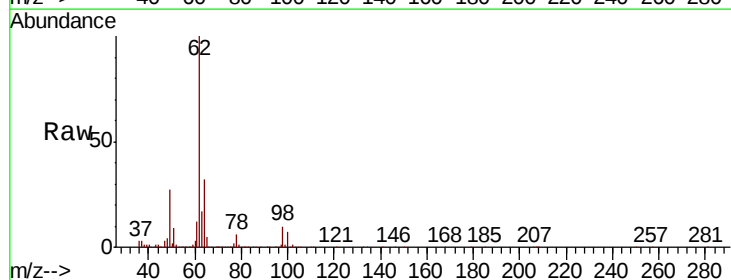
Manual Integrations
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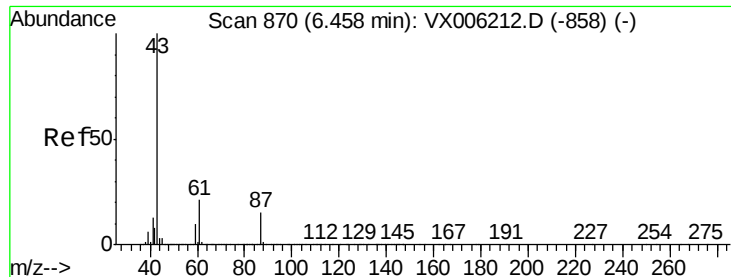
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.697 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	0.0	20.2	





#43

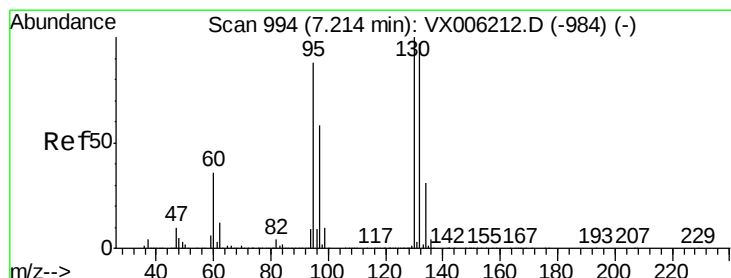
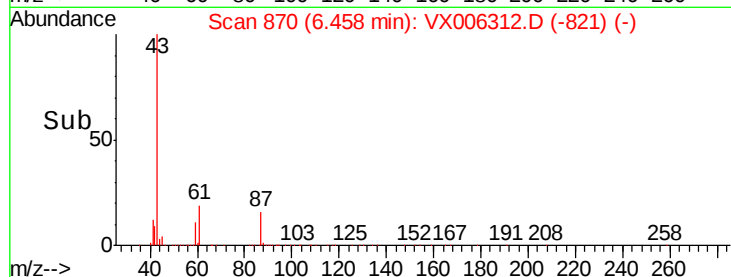
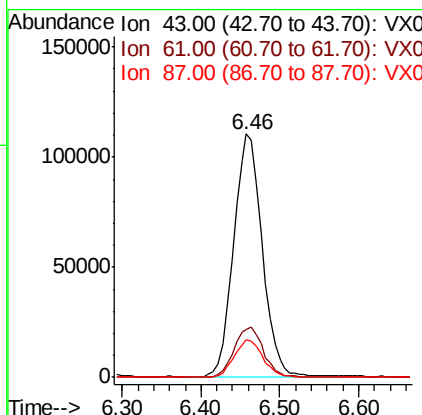
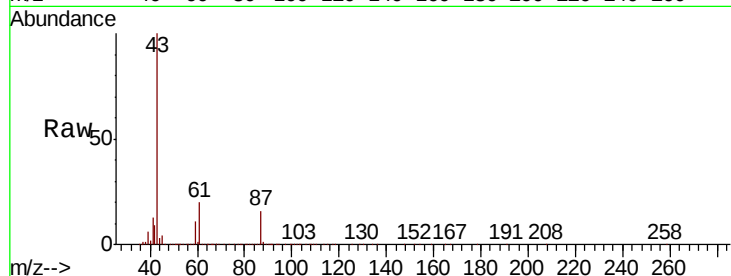
Isopropyl Acetate
 Concen: 16.844 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.8	25.2
87	15.6	11.9	17.9

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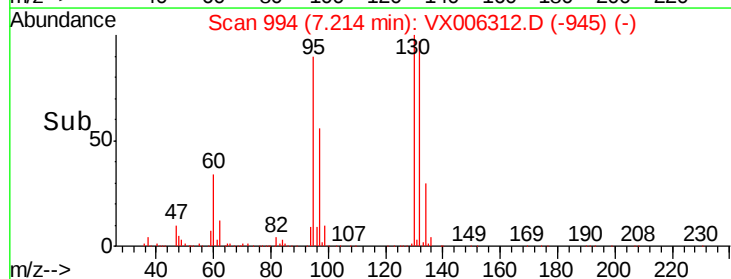
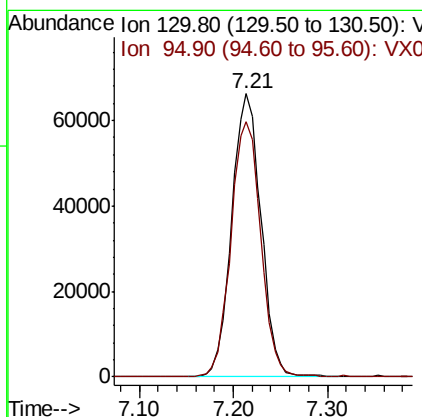
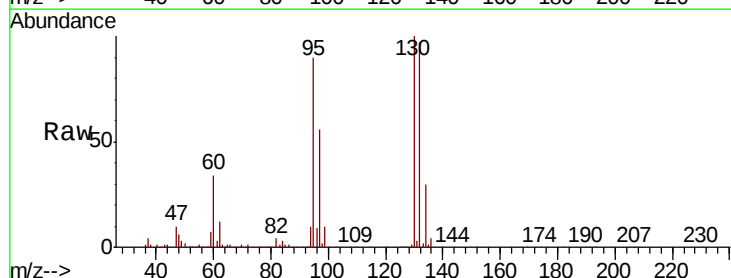
MMDadoda
 12/7/2018 11:19:04 AM



#44

Trichloroethene
 Concen: 17.920 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	175.8





#45

1,2-Dichloropropane

Concen: 18.010 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1206MBS01

Tot Ion: 63 Resp: 120559

Ion Ratio Lower Upper

63 100

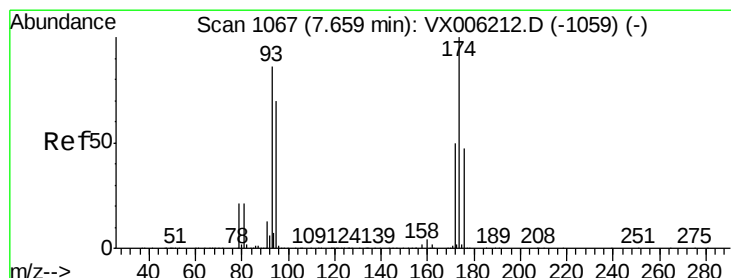
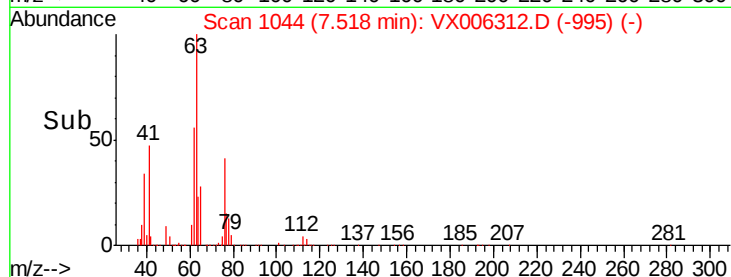
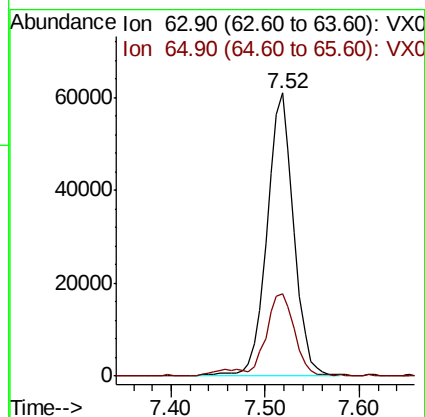
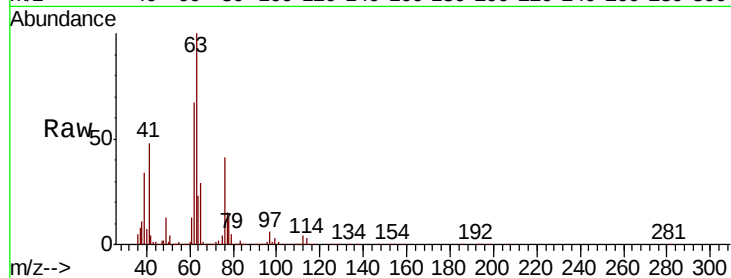
65 29.0 24.3 36.5

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#46

Dibromomethane

Concen: 18.361 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

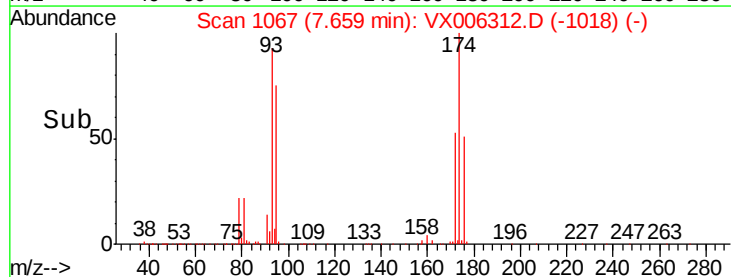
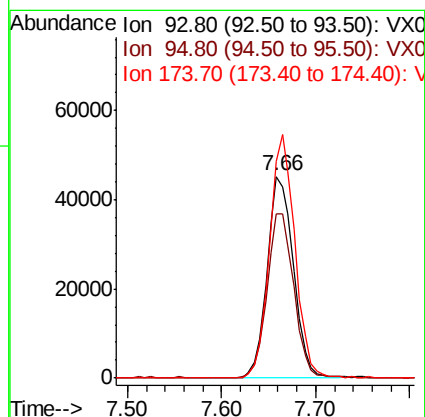
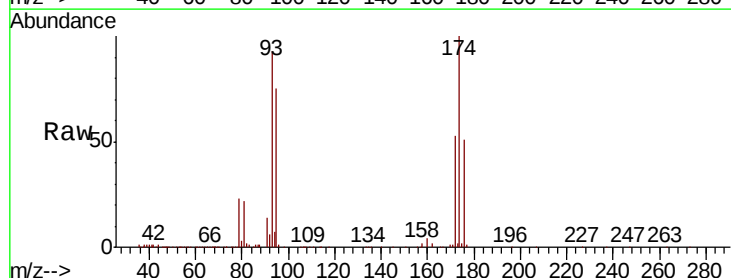
Tgt Ion: 93 Resp: 88771

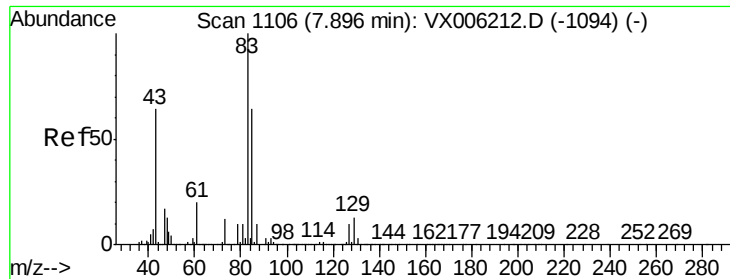
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 116.3 97.2 145.8





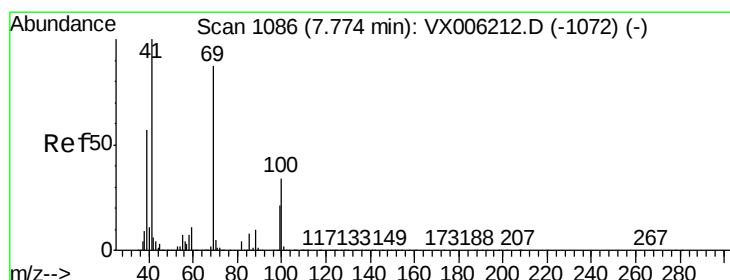
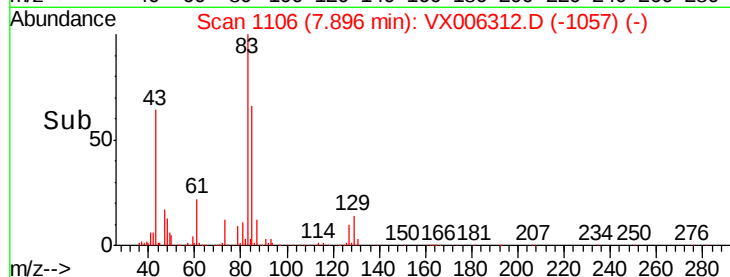
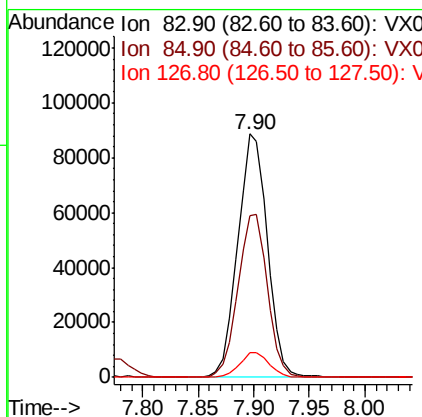
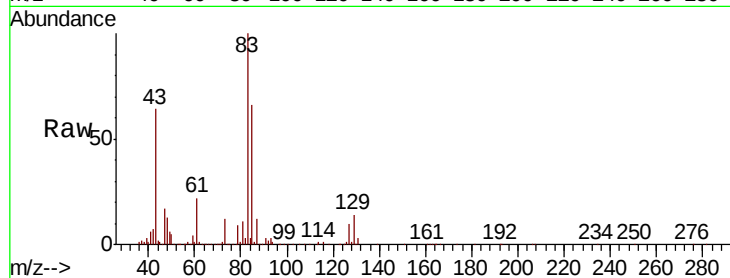
#47
Bromodichloromethane
Concen: 17.382 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.4	77.0
127	10.2	7.9	11.9

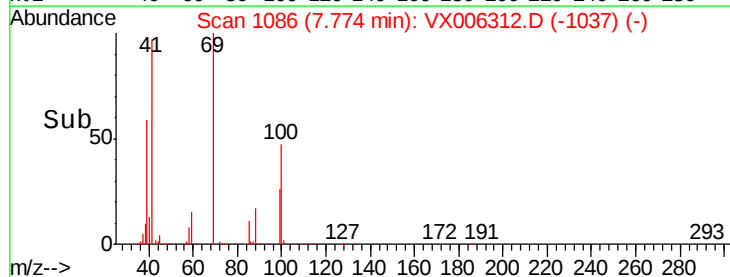
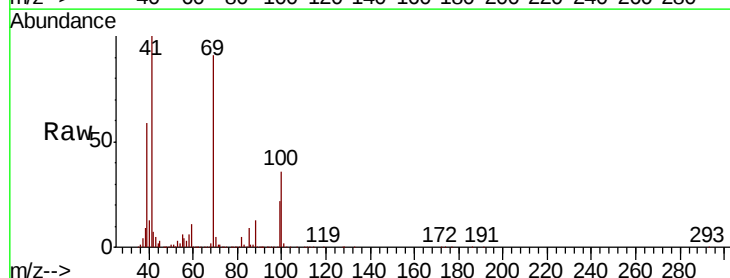
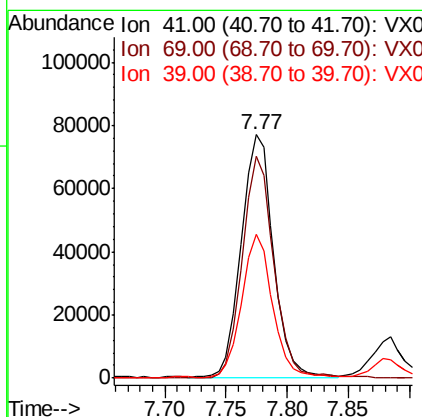
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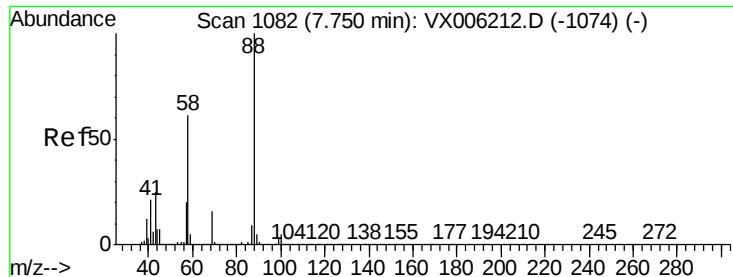
MMDadoda
12/7/2018 11:19:04 AM



#48
Methyl methacrylate
Concen: 17.525 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.0	70.3	105.5
39	56.5	45.3	67.9





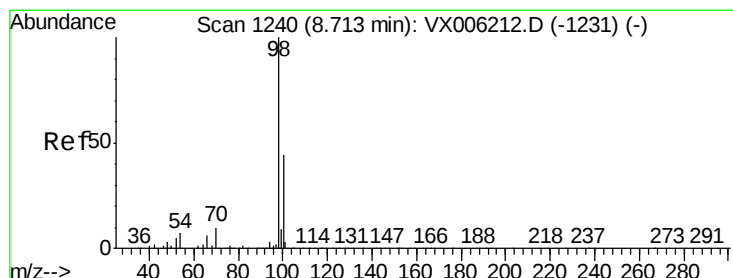
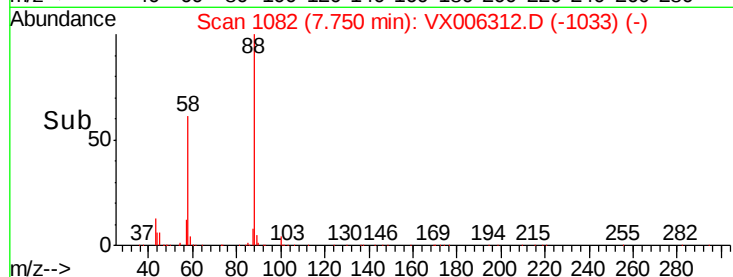
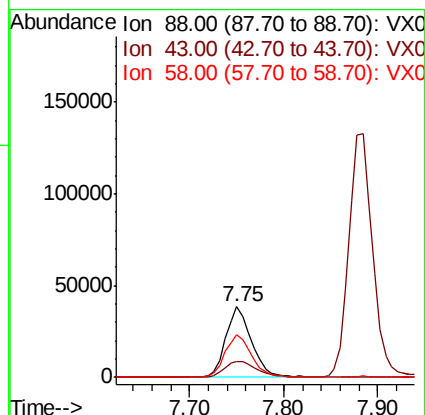
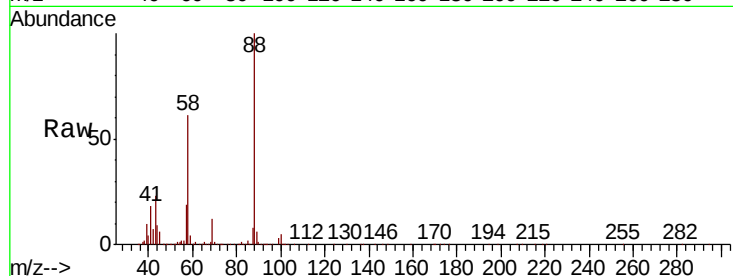
#49
1,4-Dioxane
Concen: 369.578 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.9	23.2	34.8
58	62.1	51.4	77.0

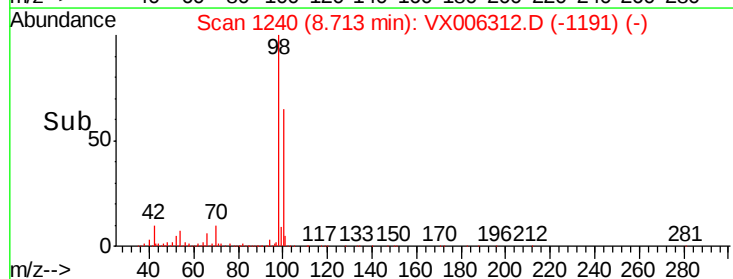
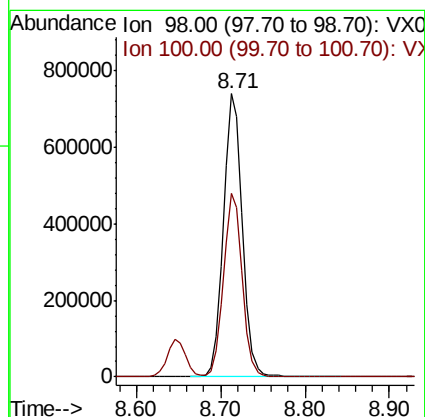
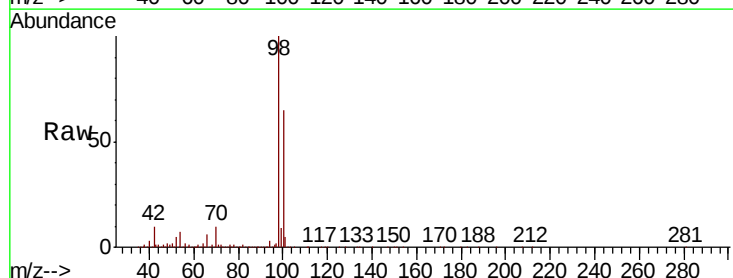
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#50
Toluene-d8
Concen: 46.533 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2





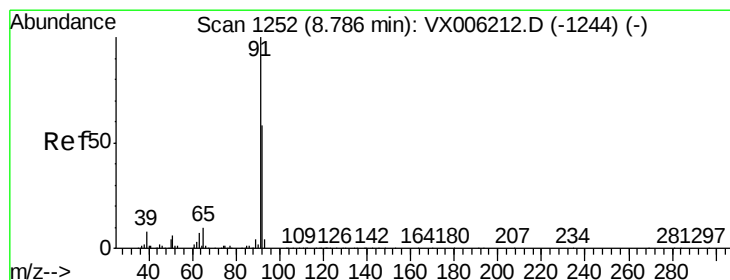
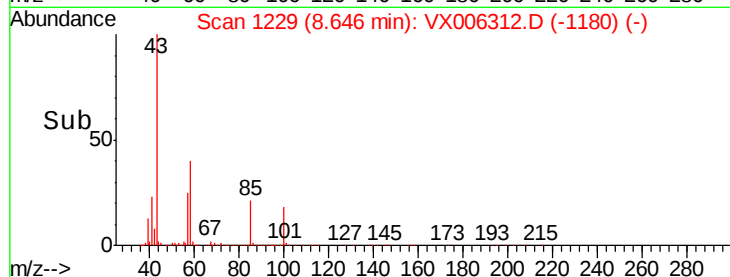
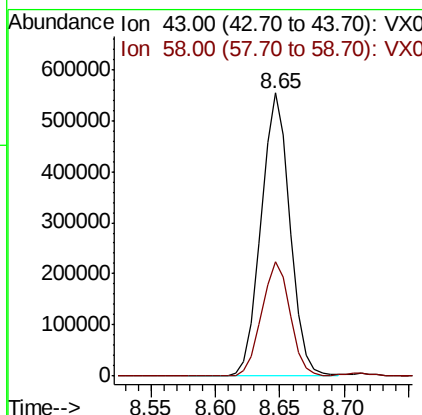
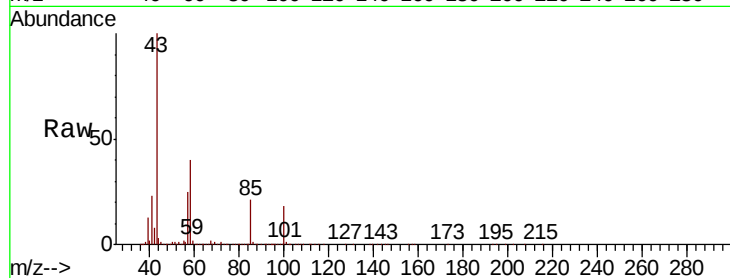
#51
4-Methyl-2-Pentanone
Concen: 89.314 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.3	46.9

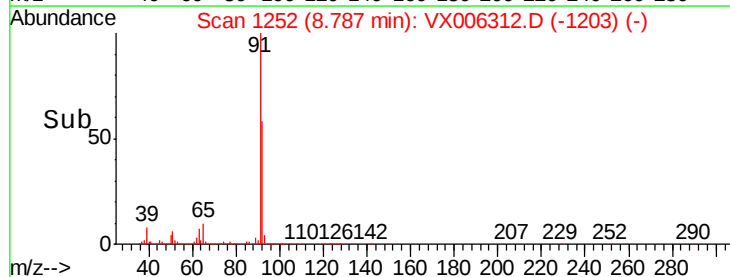
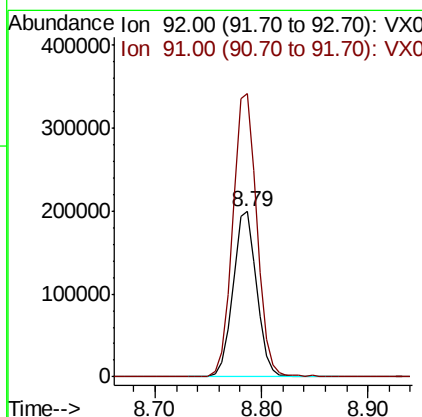
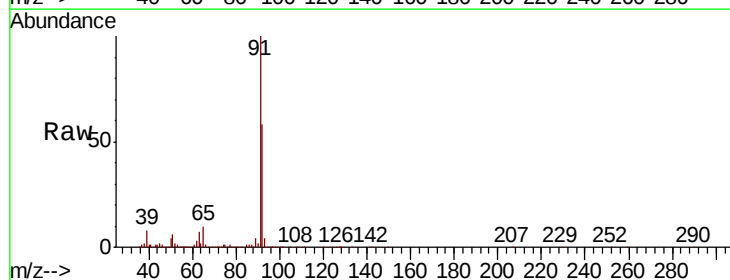
Manual Integrations
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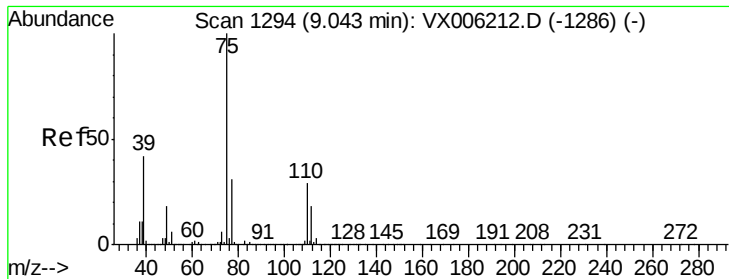
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#52
Toluene
Concen: 17.958 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.5	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 16.764 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampled :

VX1206MBS01

Tot Ion: 75 Resp: 183552

Ion Ratio Lower Upper

75 100

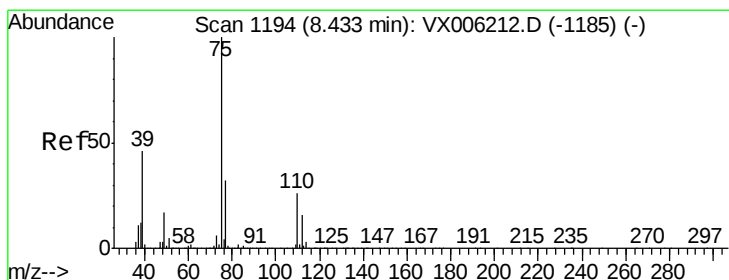
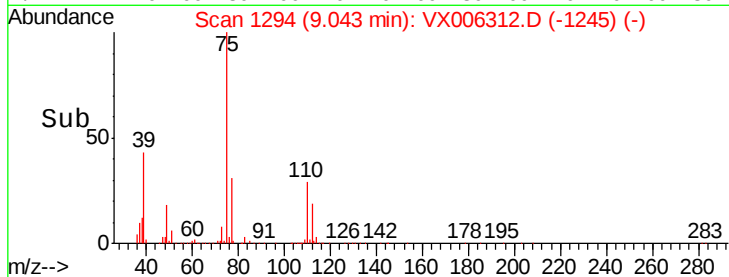
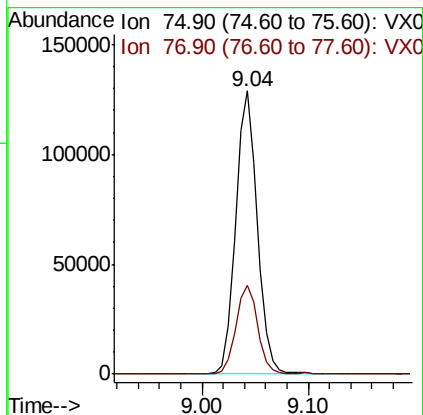
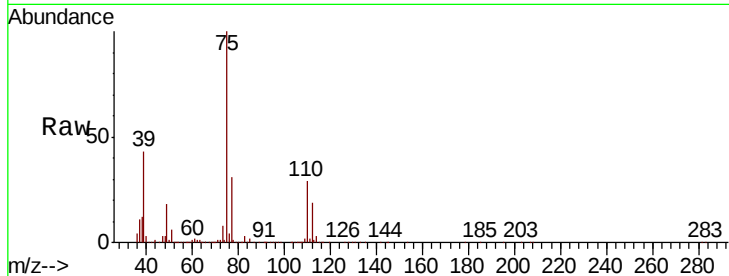
77 31.1 25.0 37.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 17.230 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

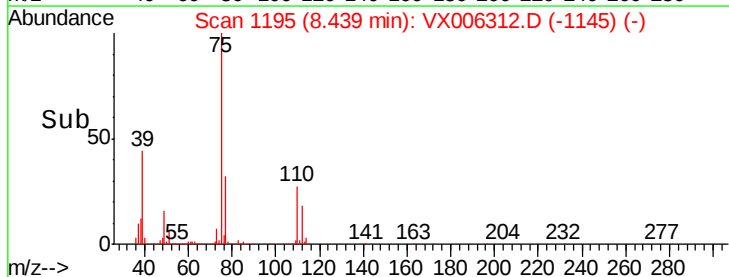
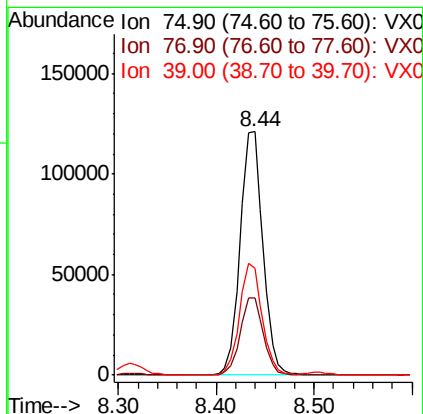
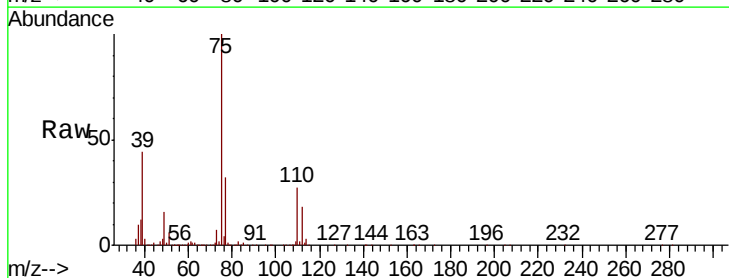
Tgt Ion: 75 Resp: 195895

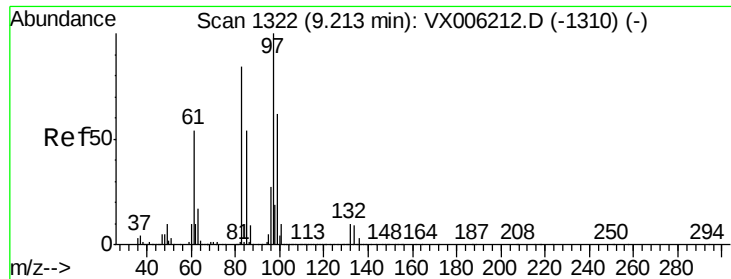
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 43.7 36.5 54.7





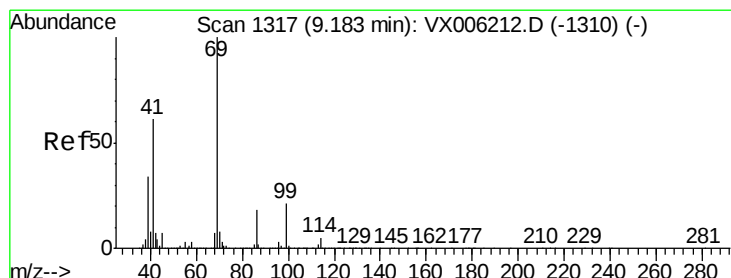
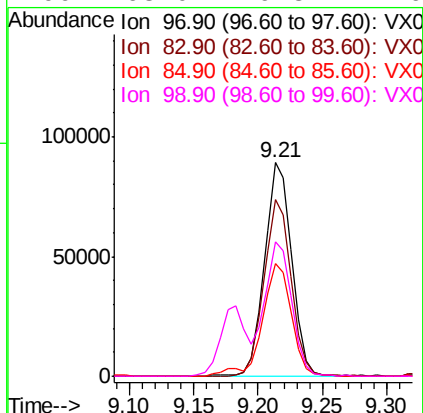
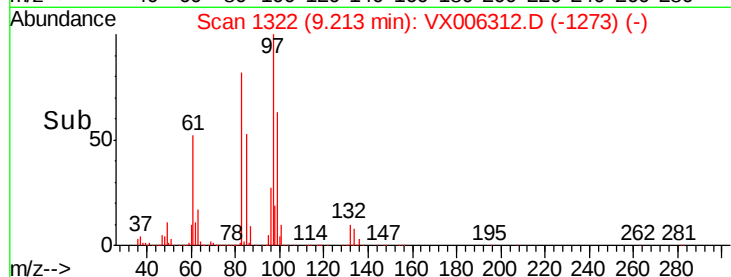
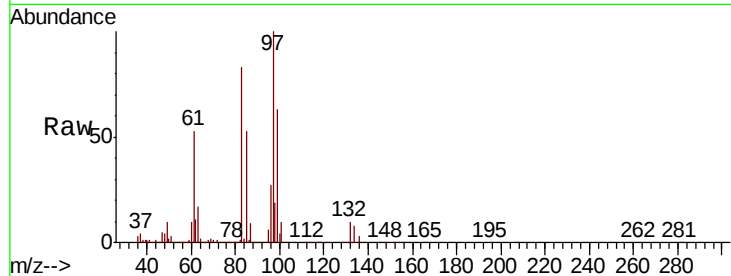
#55
 1,1,2-Trichloroethane
 Concen: 18.584 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		130826		
83	82.5	67.1	100.7		
85	52.7	43.2	64.8		
99	63.0	49.8	74.6		

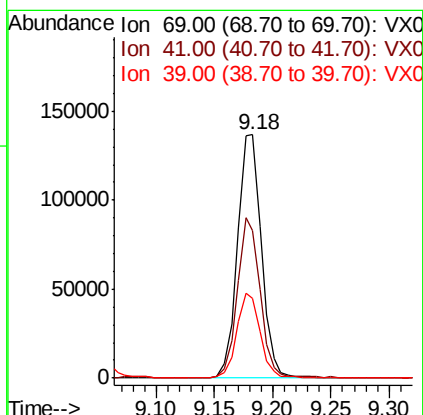
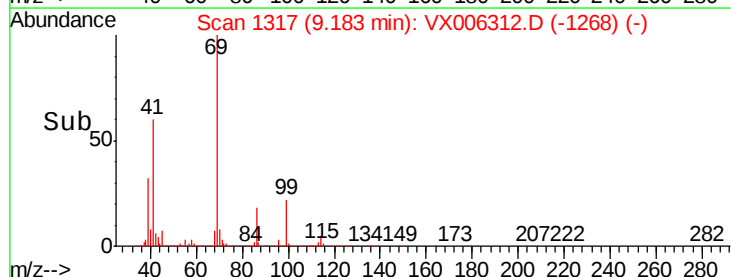
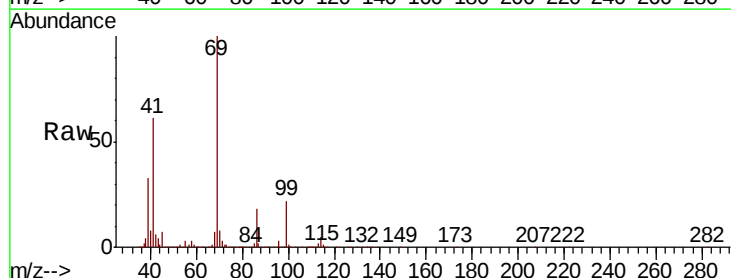
Manual Integrations
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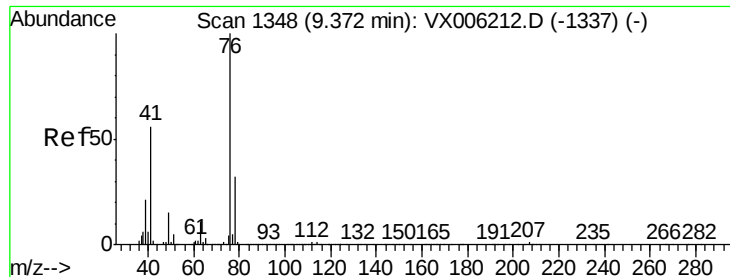
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#56
 Ethyl methacrylate
 Concen: 17.880 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		196778		
41	62.4	50.6	76.0		
39	33.5	27.6	41.4		





#57

1,3-Dichloropropane

Concen: 18.322 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1206MBS01

Tot Ion: 76 Resp: 203959

Ion Ratio Lower Upper

76 100

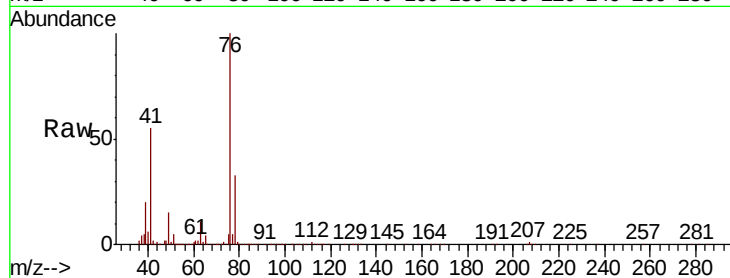
78 33.6 26.1 39.1

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

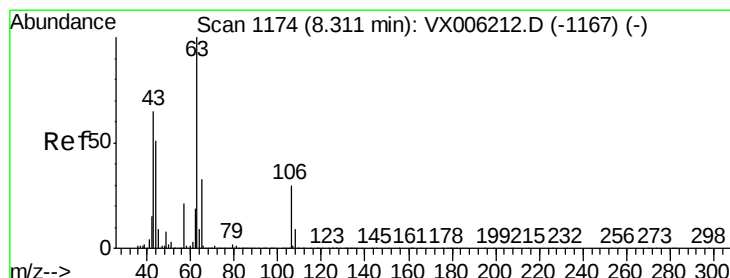
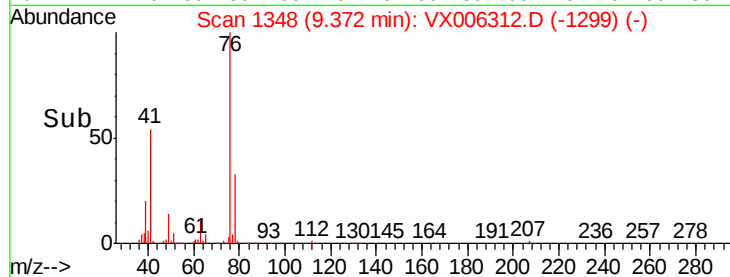
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 92.630 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006312.D

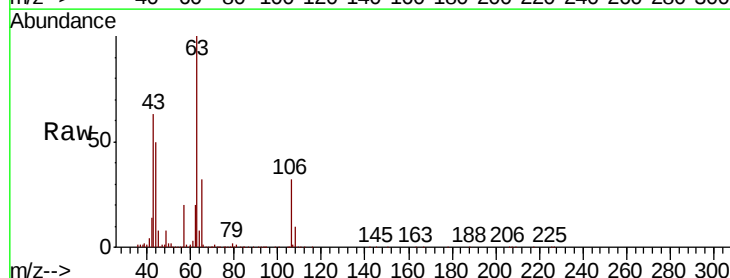
Acq: 06 Dec 2018 12:32

Tgt Ion: 63 Resp: 517315

Ion Ratio Lower Upper

63 100

106 32.2 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

300000

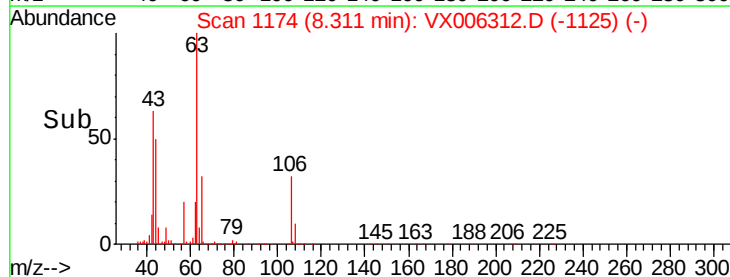
200000

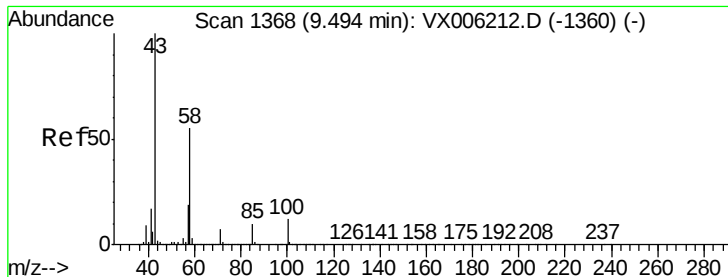
100000

0

8.20 8.25 8.30 8.35 8.40

Time-->





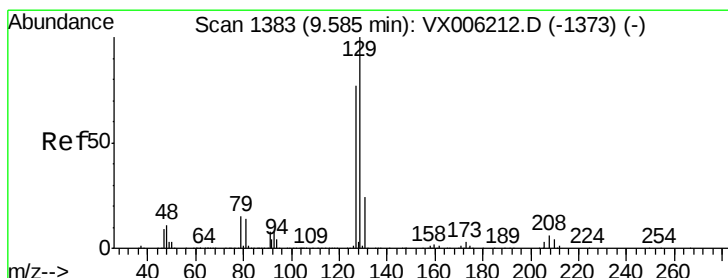
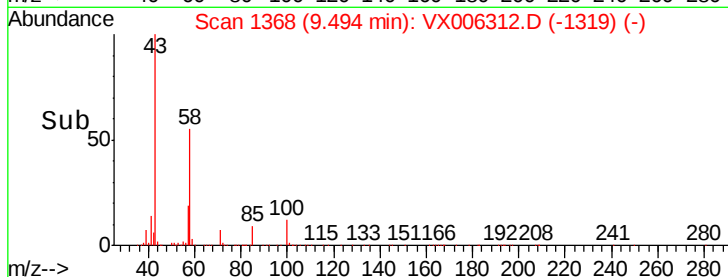
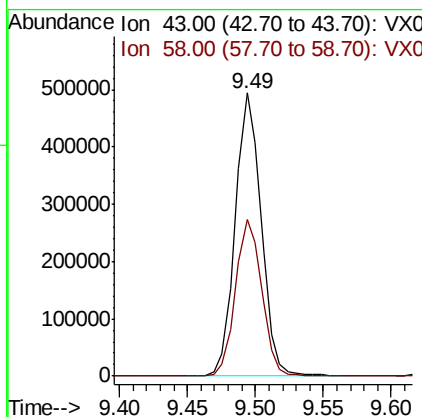
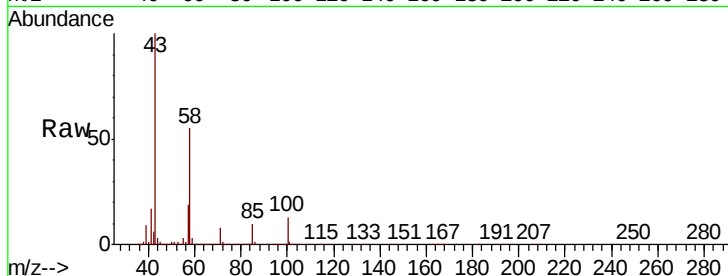
#59
2-Hexanone
Concen: 89.562 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion: 43 Resp: 654065
Ion Ratio Lower Upper
43 100
58 56.3 27.7 83.1

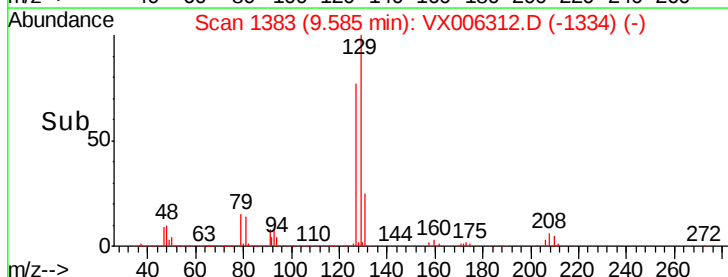
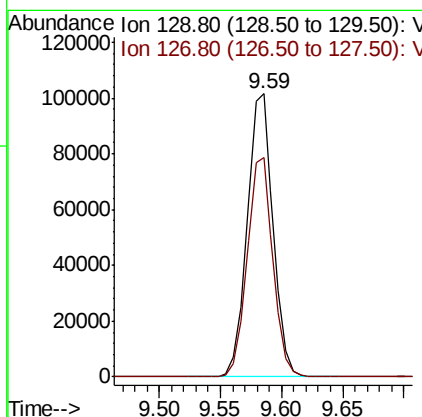
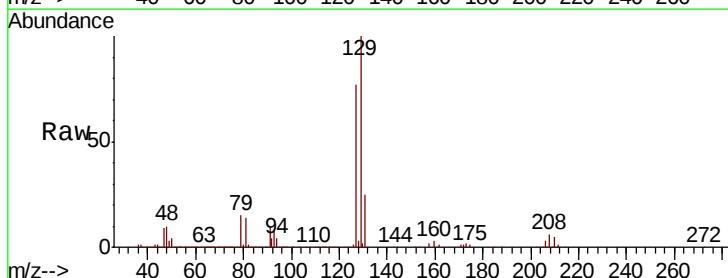
Manual Integrations
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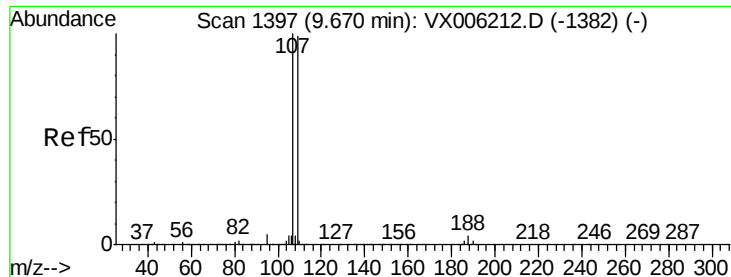
MMDadoda
12/7/2018 11:19:04 AM



#60
Dibromochloromethane
Concen: 17.164 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion: 129 Resp: 148993
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 18.009 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1206MBS01

Tot Ion: 107 Resp: 141755

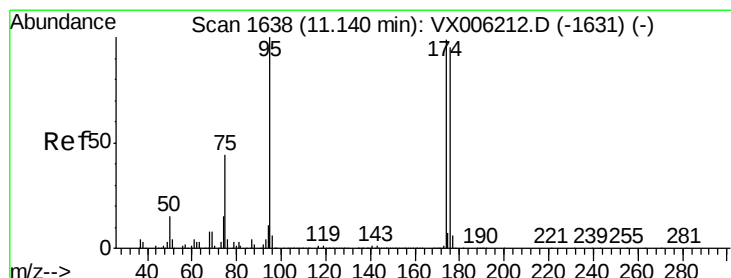
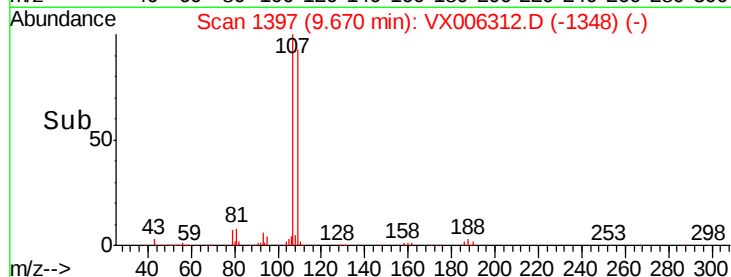
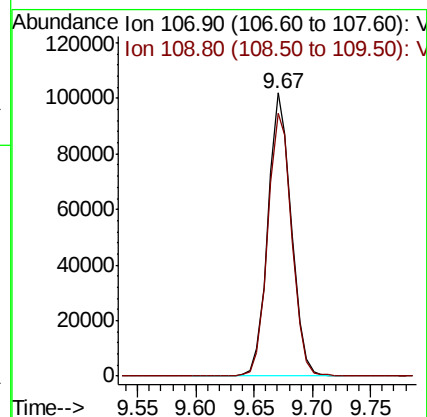
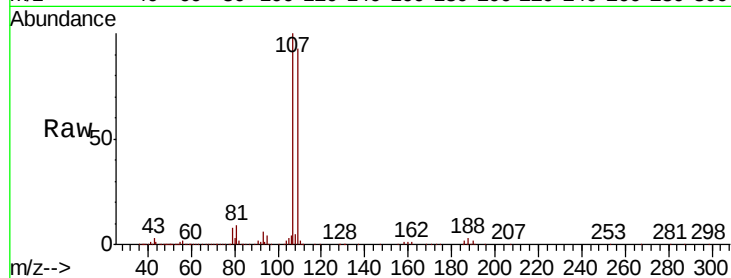
Ion Ratio Lower Upper

107 100

109 95.2 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 45.700 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

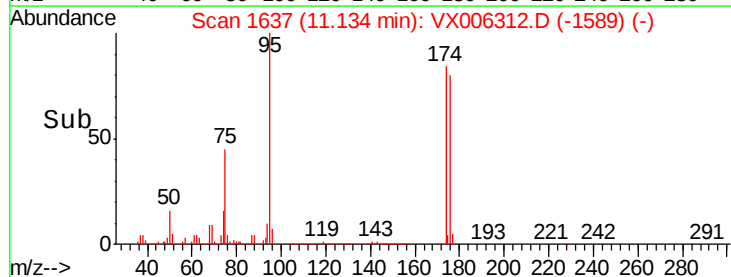
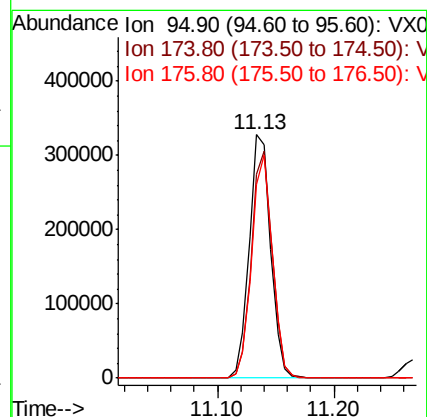
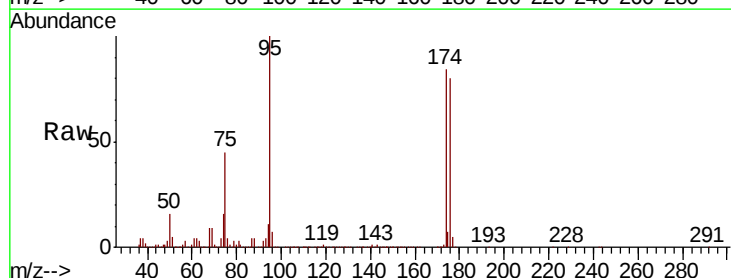
Tgt Ion: 95 Resp: 423540

Ion Ratio Lower Upper

95 100

174 91.2 0.0 187.0

176 89.0 0.0 181.8





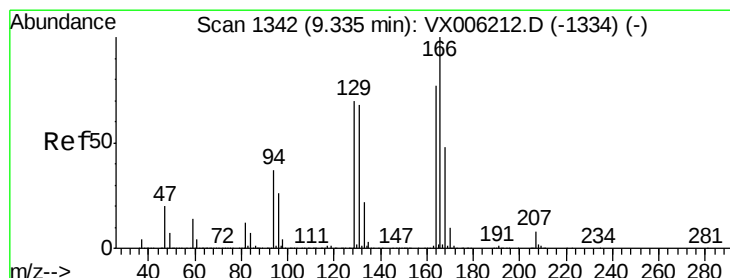
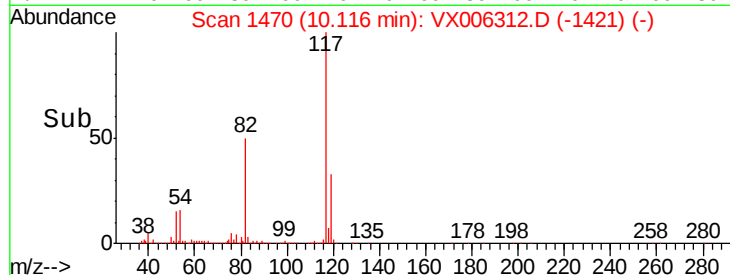
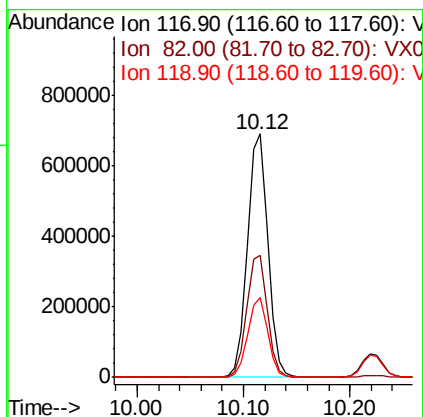
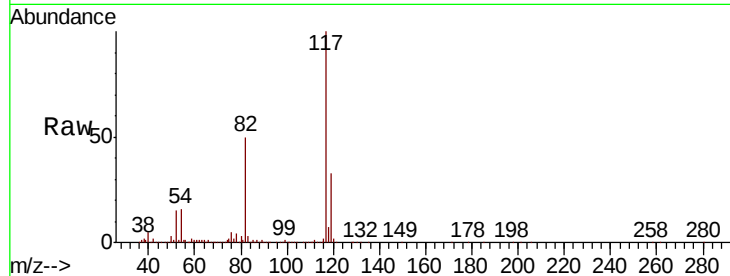
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	937161		
82	50.3	39.6	59.4	
119	32.7	26.3	39.5	

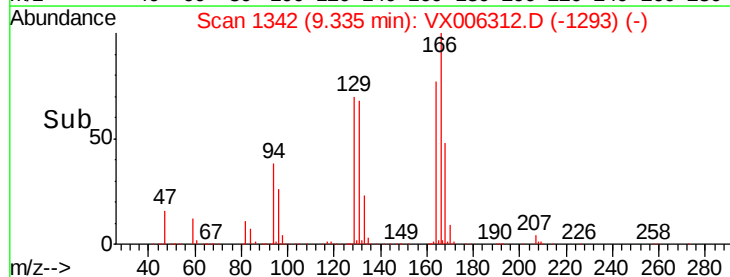
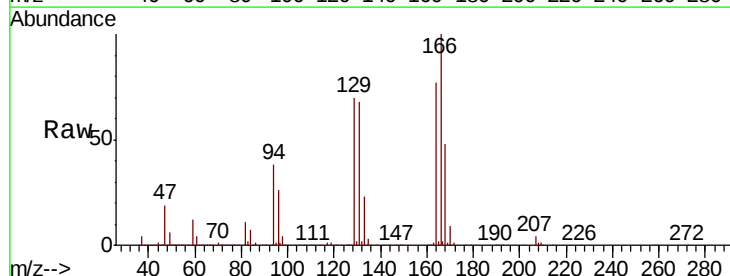
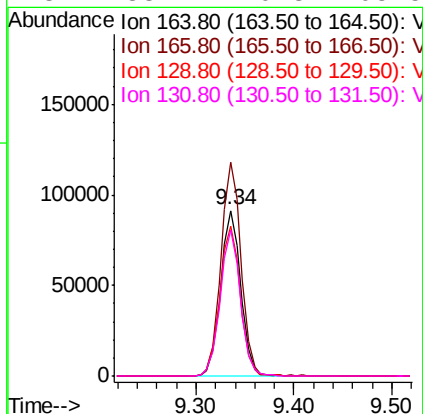
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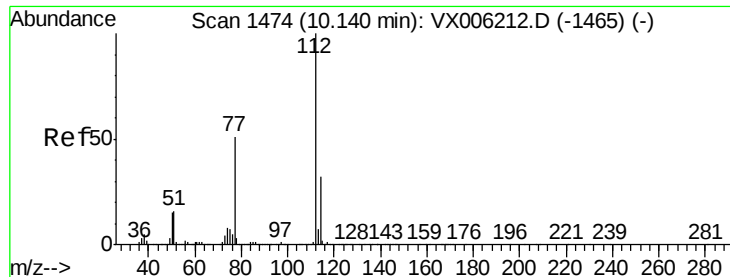
MMDadoda
12/7/2018 11:19:04 AM



#64
Tetrachloroethene
Concen: 18.364 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	129609		
166	129.3	104.2	156.2	
129	90.3	72.6	108.8	
131	88.1	70.3	105.5	





#65

Chlorobenzene

Concen: 18.556 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1206MBS01

Tot Ion:112 Resp: 369160

Ion Ratio Lower Upper

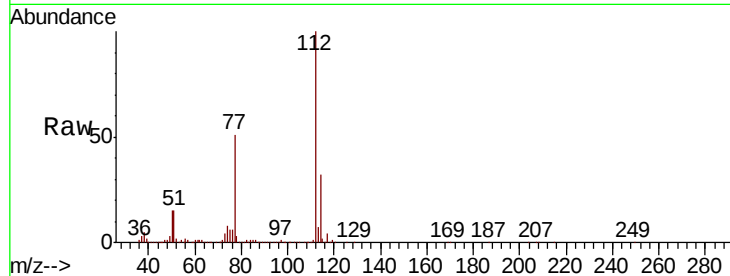
112 100

114 31.5 25.4 38.2

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

250000

200000

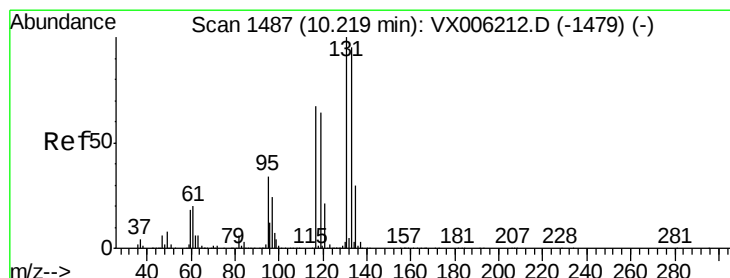
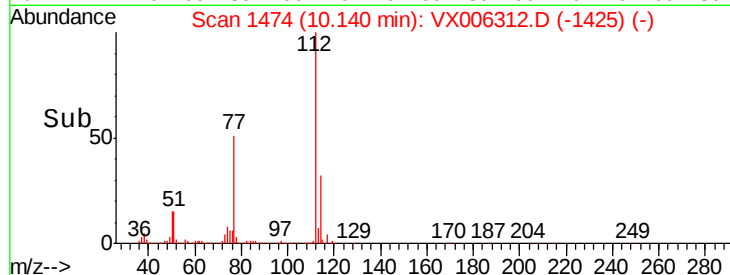
150000

100000

50000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 18.034 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

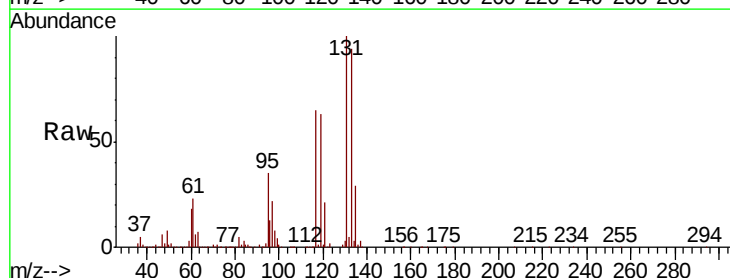
Tgt Ion:131 Resp: 139390

Ion Ratio Lower Upper

131 100

133 96.8 48.1 144.4

119 63.8 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

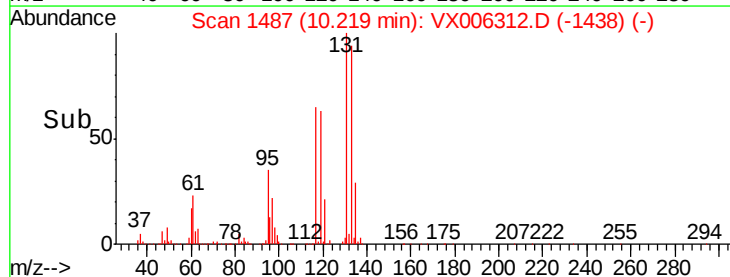
150000

100000

50000

0

Time--> 10.20 10.30





#67

Ethyl Benzene

Concen: 17.975 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1206MBS01

Tot Ion: 91 Resp: 594731

Ion Ratio Lower Upper

91 100

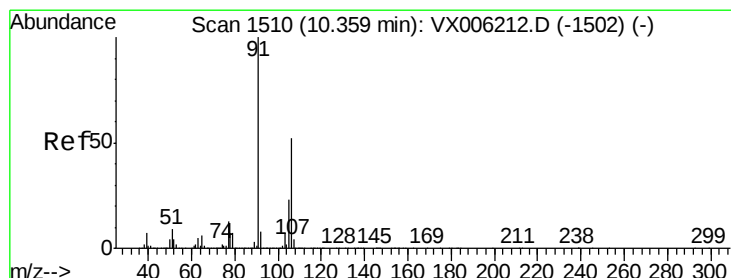
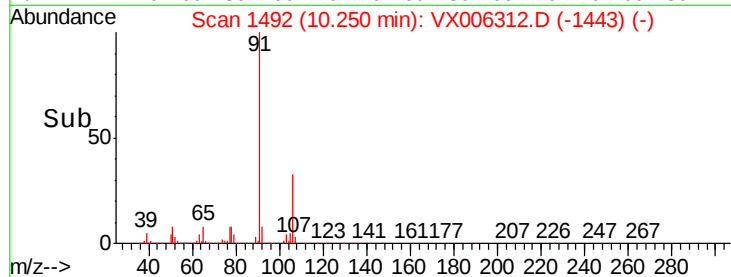
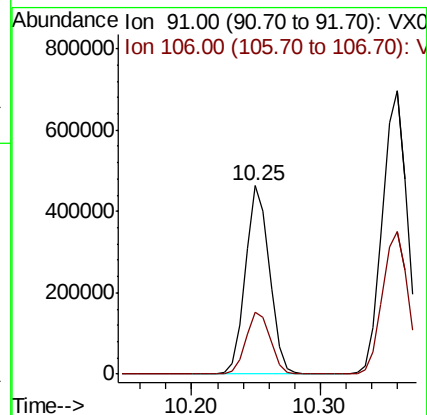
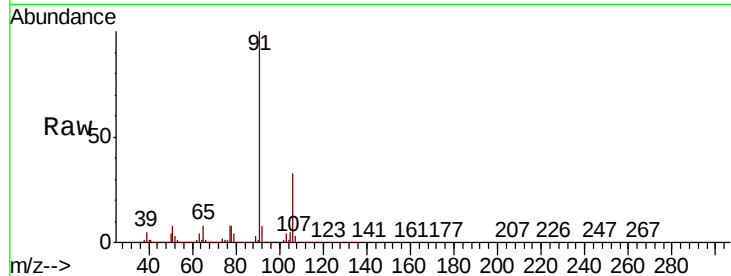
106 33.1 26.5 39.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 35.972 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006312.D

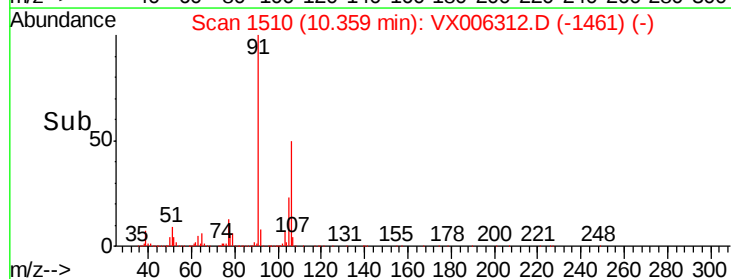
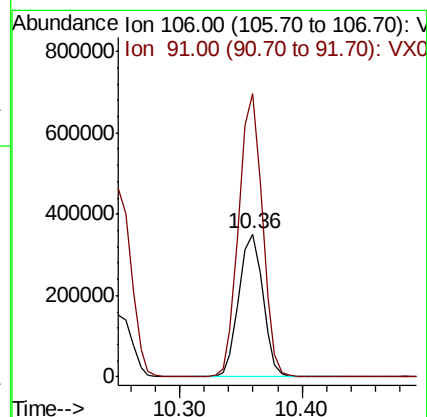
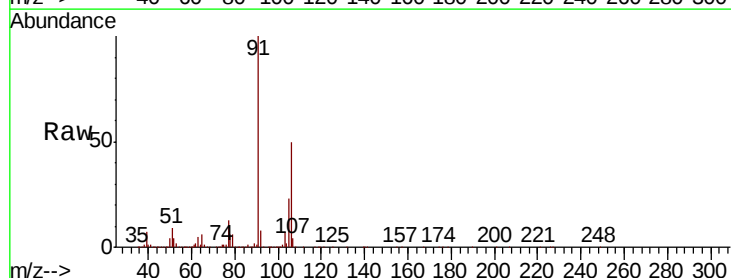
Acq: 06 Dec 2018 12:32

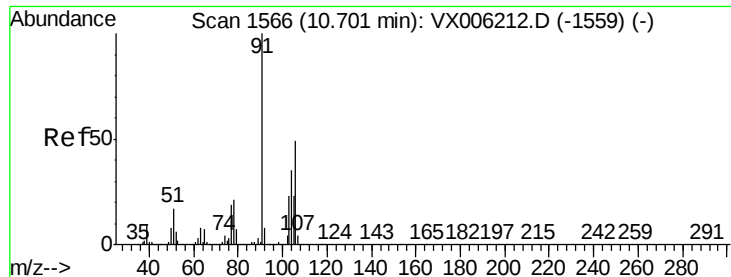
Tgt Ion: 106 Resp: 476768

Ion Ratio Lower Upper

106 100

91 194.9 155.2 232.8





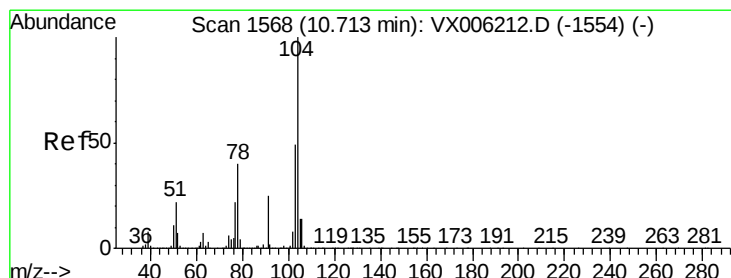
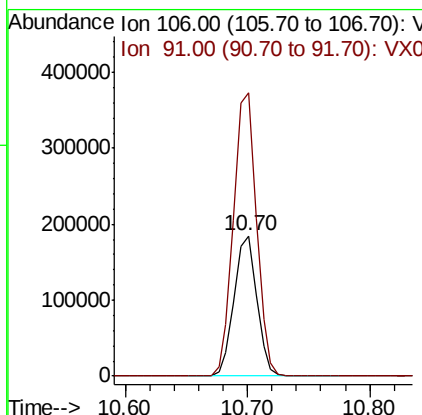
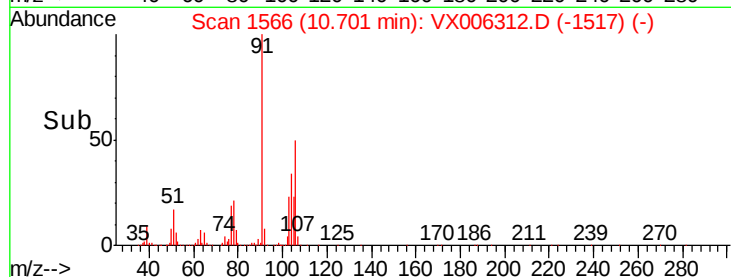
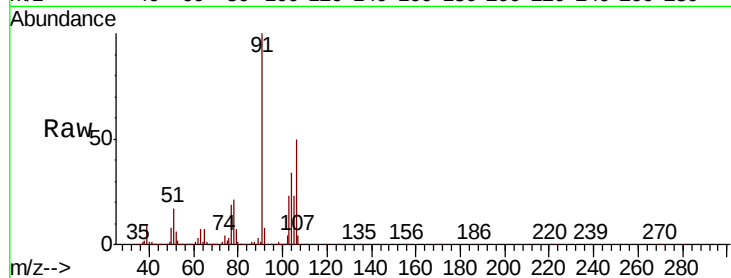
#69
o-Xylene
Concen: 18.005 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.7	101.8	305.6

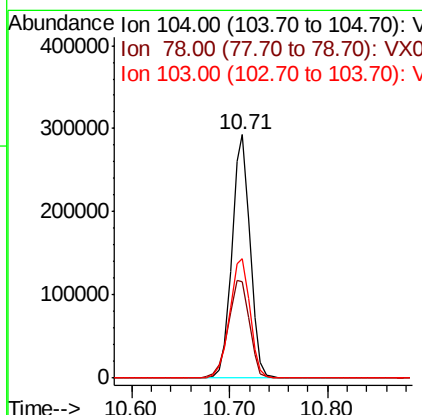
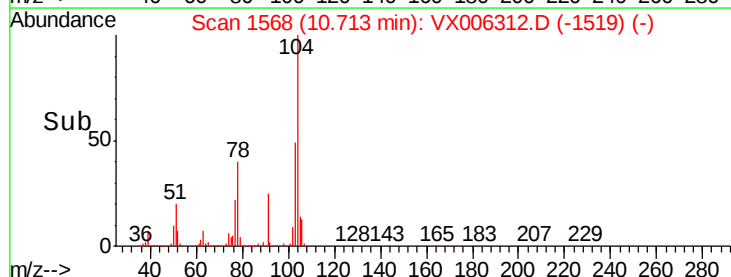
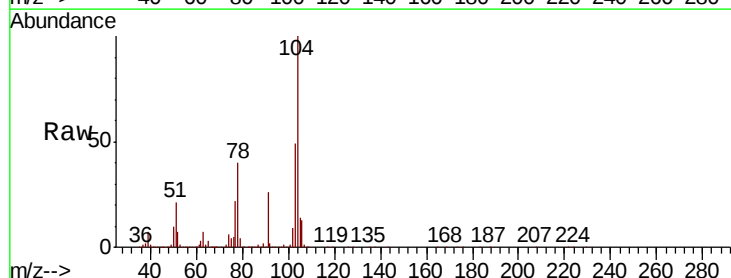
Manual Integrations
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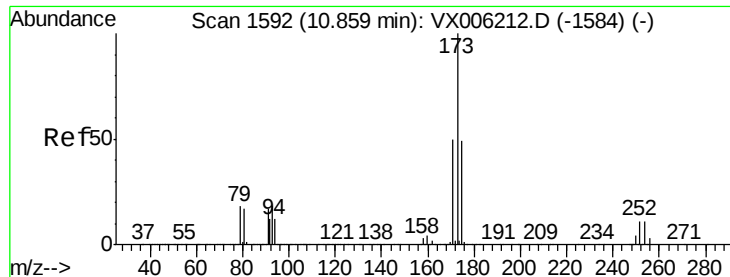
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#70
Styrene
Concen: 17.768 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.9	37.2	55.8
103	55.4	43.5	65.3





#71

Bromoform

Concen: 16.099 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1206MBS01

Tot Ion:173 Resp: 117463

Ion Ratio Lower Upper

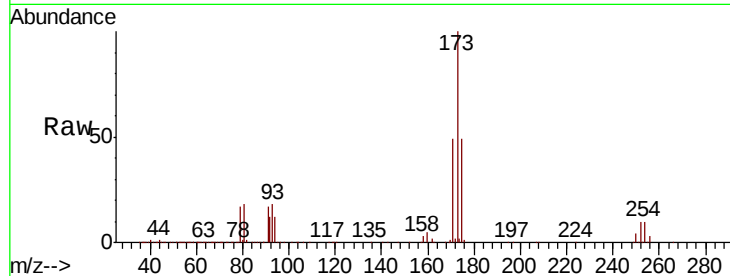
173 100

175 49.2 24.6 73.8

254 0.2 0.2 0.2

Manual Integrations
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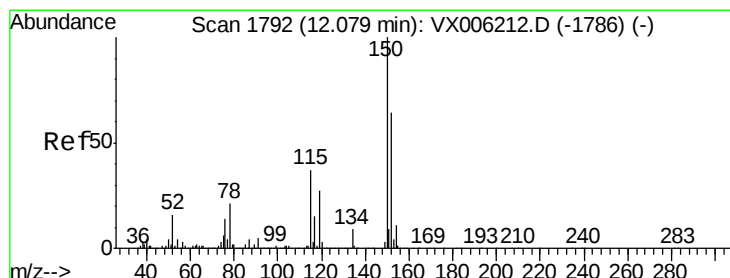
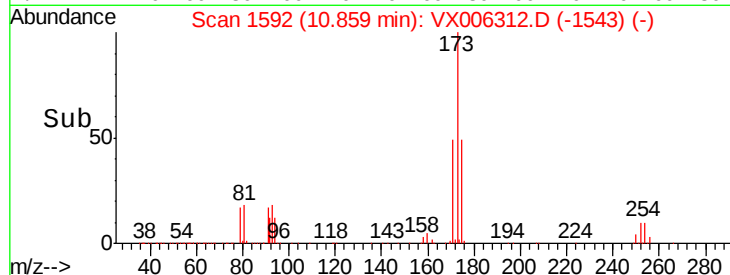
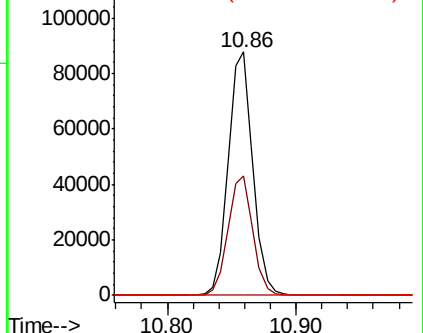
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX006312.D

Acq: 06 Dec 2018 12:32

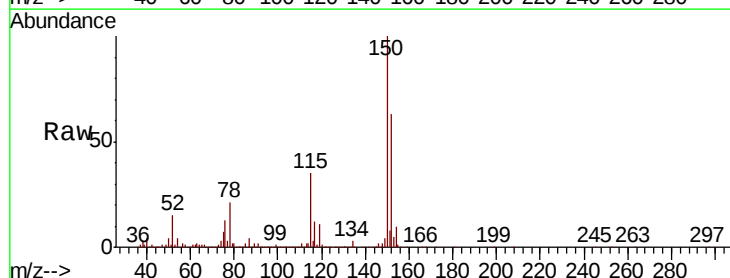
Tgt Ion:152 Resp: 469904

Ion Ratio Lower Upper

152 100

115 64.3 39.0 116.9

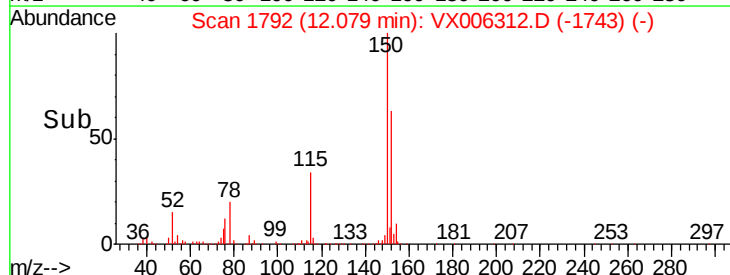
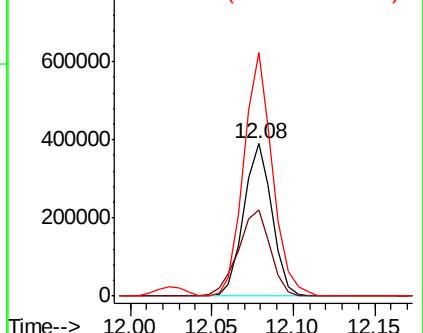
150 162.7 0.0 345.8

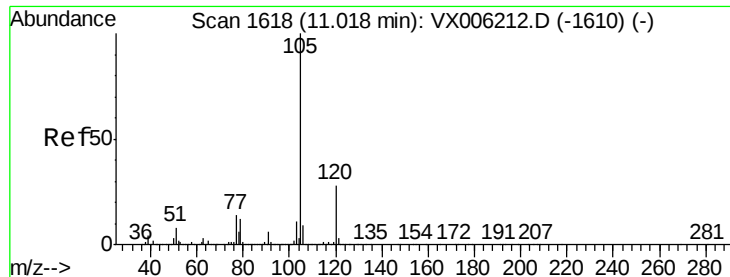


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.106 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1206MBS01

Tot Ion: 105 Resp: 620008

Ion Ratio Lower Upper

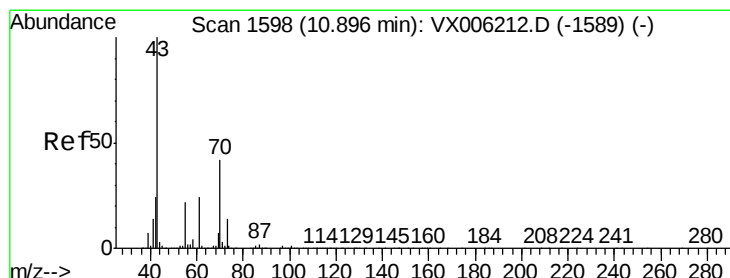
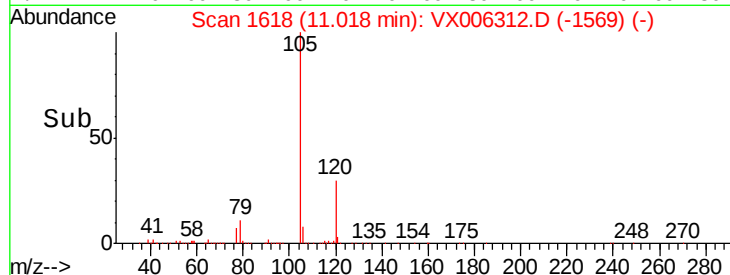
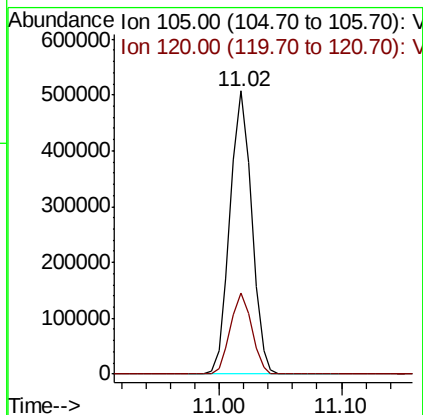
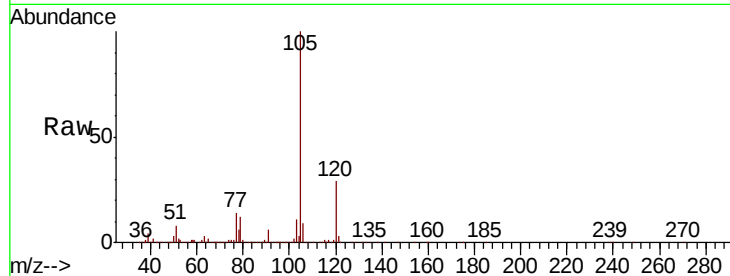
105 100

120 28.3 14.1 42.3

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#74

N-ethyl acetate

Concen: 17.325 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Tgt Ion: 43 Resp: 242095

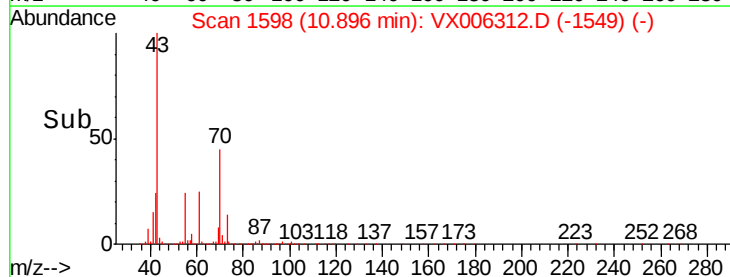
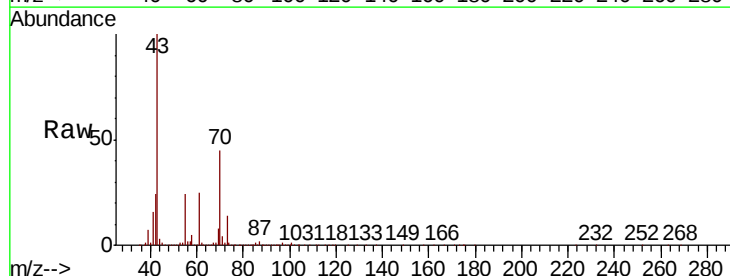
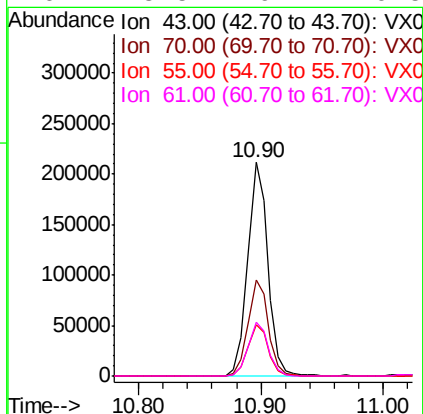
Ion Ratio Lower Upper

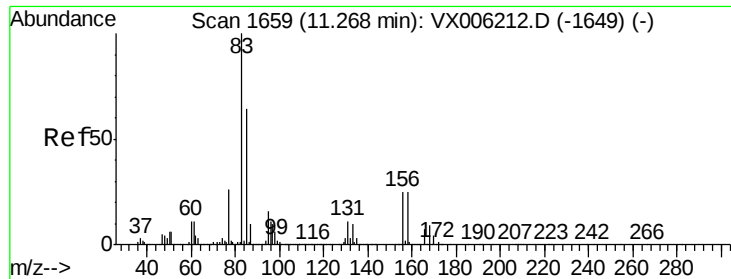
43 100

70 45.5 34.1 51.1

55 25.0 17.8 26.8

61 25.5 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.864 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1206MBS01

Tot Ion: 83 Resp: 195839

Ion Ratio Lower Upper

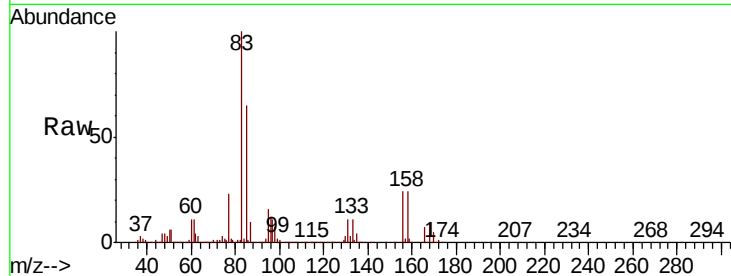
83 100

131 11.5 5.7 17.1

85 64.8 32.1 96.5

Manual Integrations
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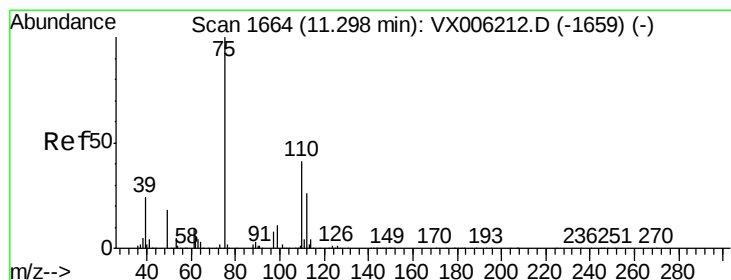
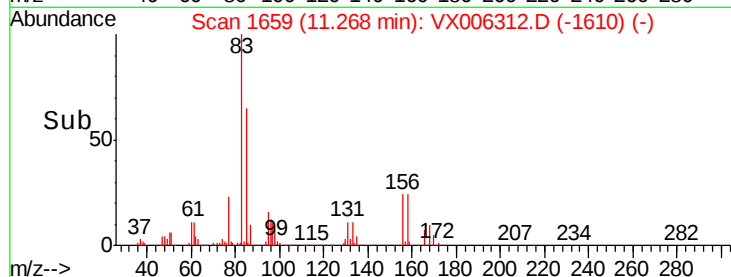
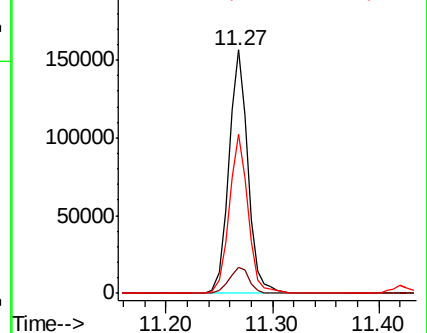
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.595 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006312.D

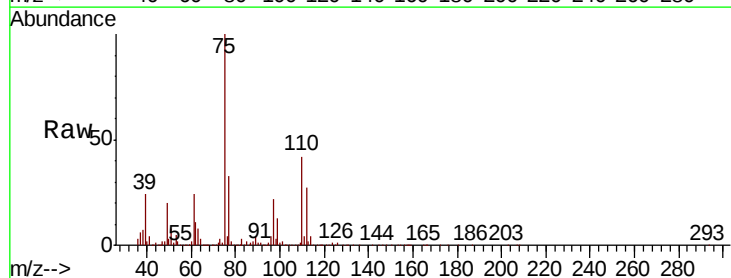
Acq: 06 Dec 2018 12:32

Tgt Ion: 75 Resp: 186792

Ion Ratio Lower Upper

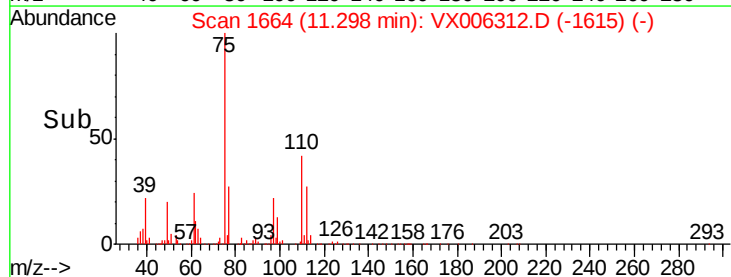
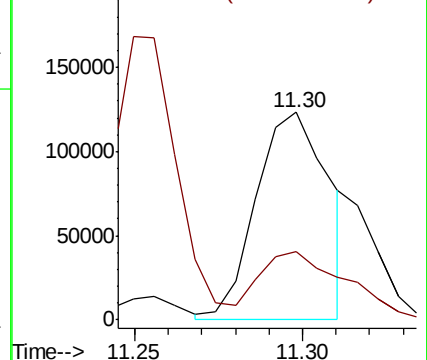
75 100

77 38.7 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.782 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

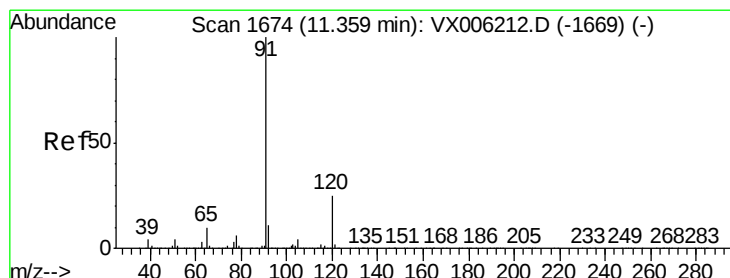
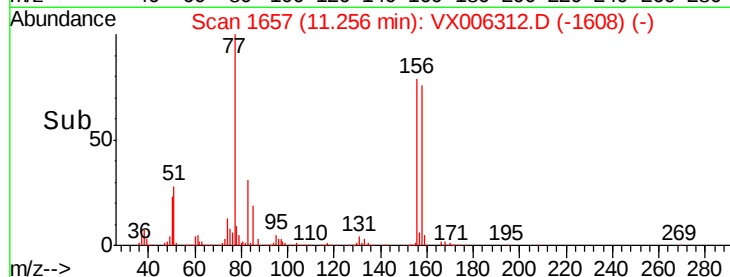
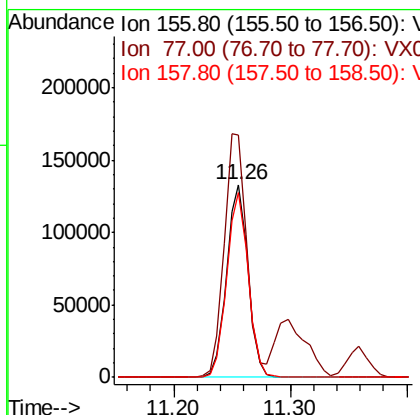
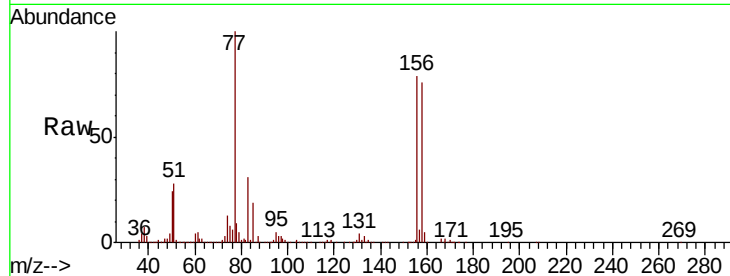
ClientSampleId :

VX1206MBS01

Tot Ion:	156	Resp:	169148
Ion Ratio	Lower	Upper	
156	100		
77	132.8	66.2	198.6
158	96.6	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 18.712 ug/l

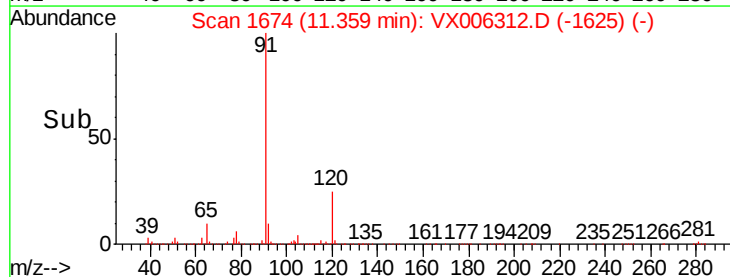
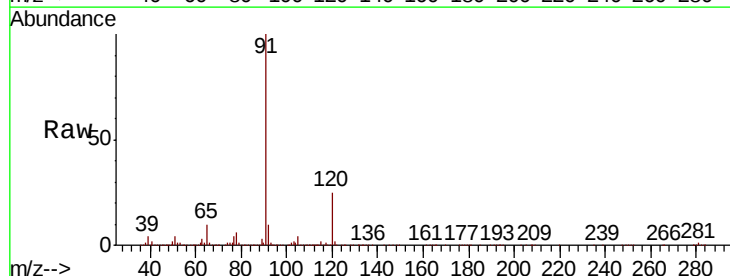
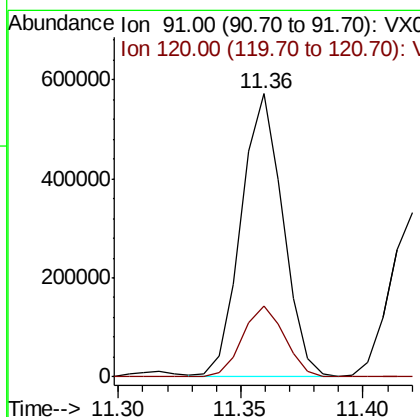
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Tgt Ion:	91	Resp:	674989
Ion Ratio	Lower	Upper	
91	100		
120	25.4	12.7	38.0





#79

2-Chlorotoluene

Concen: 18.920 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1206MBS01

Tot Ion: 91 Resp: 405655

Ion Ratio Lower Upper

91 100

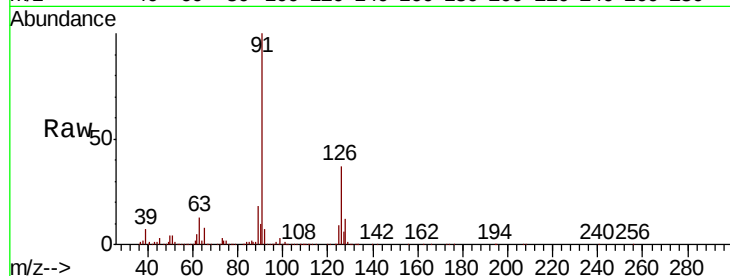
126 37.4 18.6 56.0

Manual Integrations

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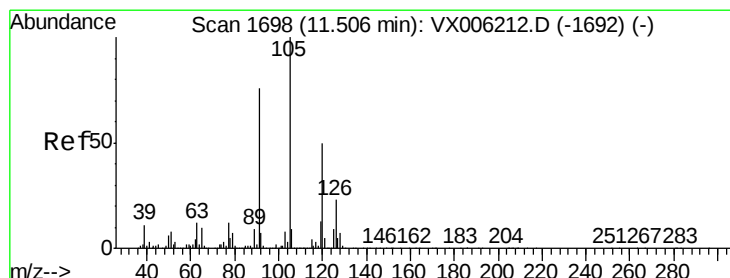
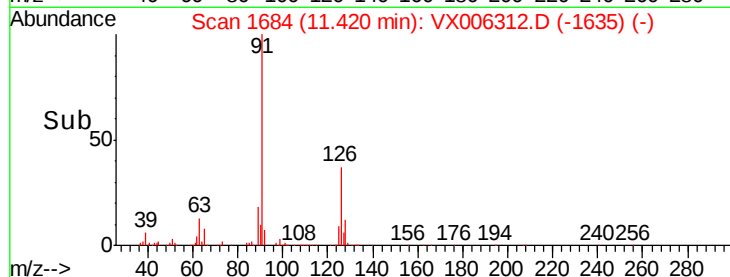
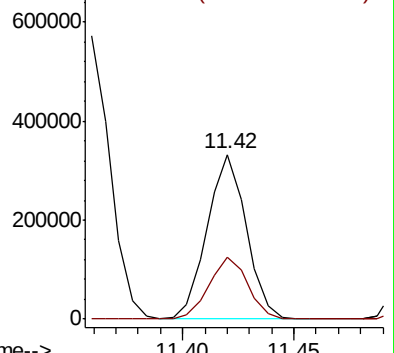
MMDadoda

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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: 19.015 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006312.D

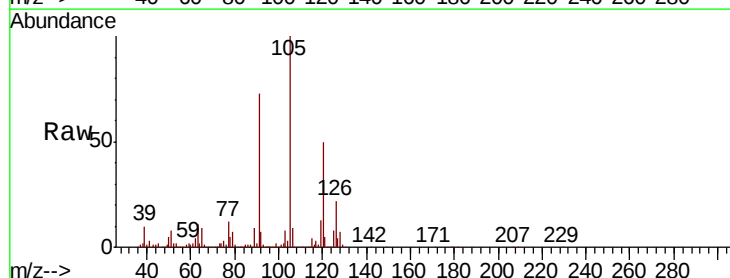
Acq: 06 Dec 2018 12:32

Tgt Ion: 105 Resp: 513411

Ion Ratio Lower Upper

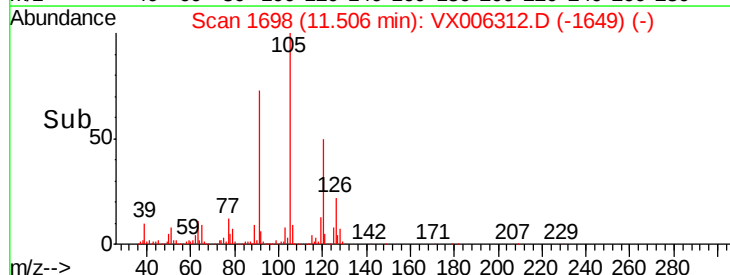
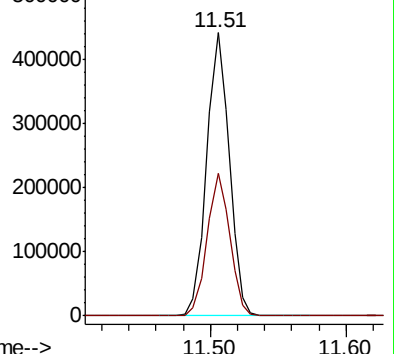
105 100

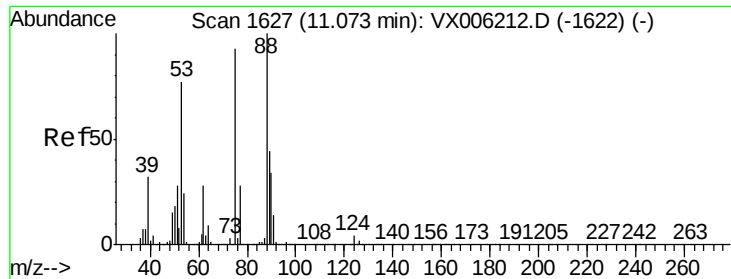
120 50.4 25.4 76.0



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: 16.381 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

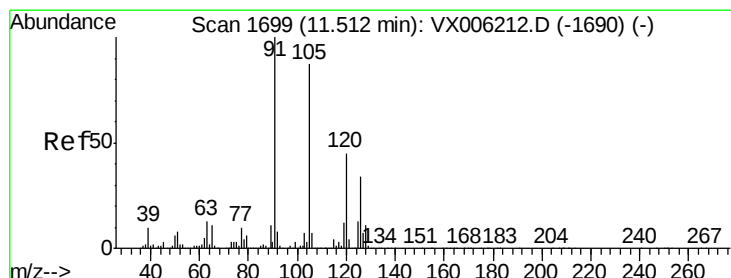
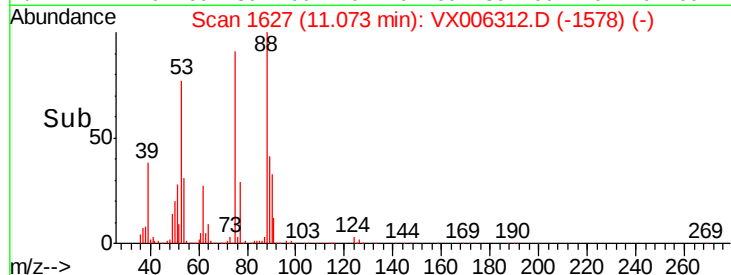
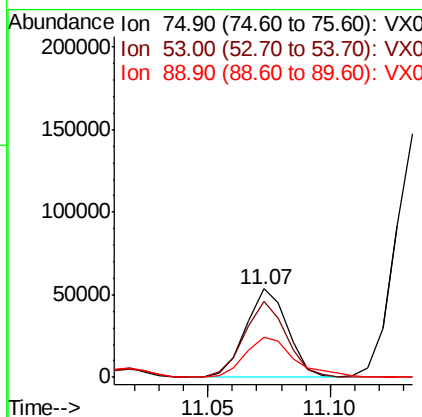
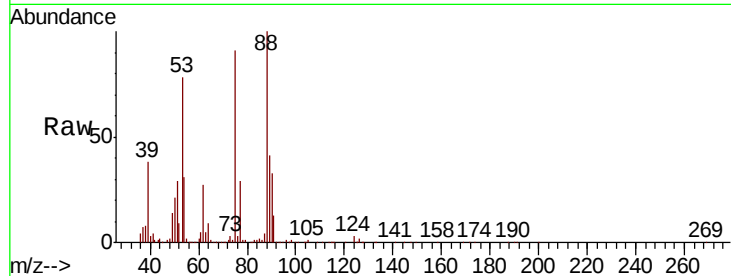
ClientSampleId :

VX1206MBS01

Tot Ion:	75	Resp:	63310
Ion	Ratio	Lower	Upper
75	100		
53	88.0	64.4	96.6
89	53.9	44.2	66.4

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#82

4-Chlorotoluene

Concen: 18.468 ug/l

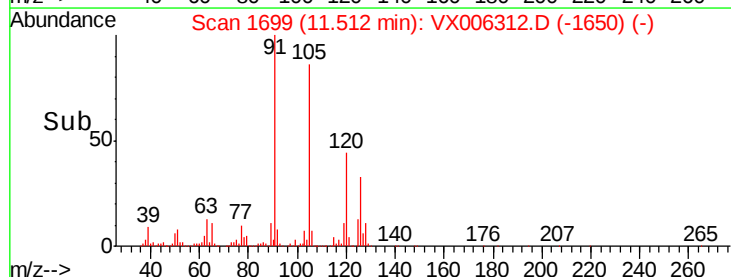
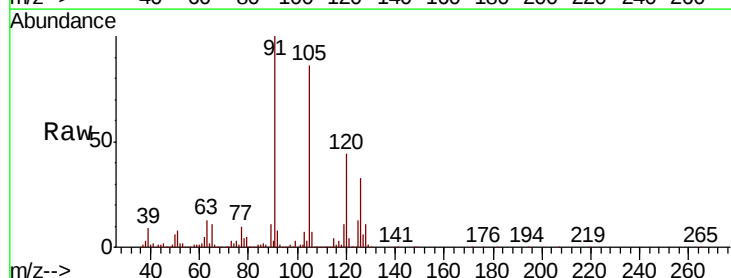
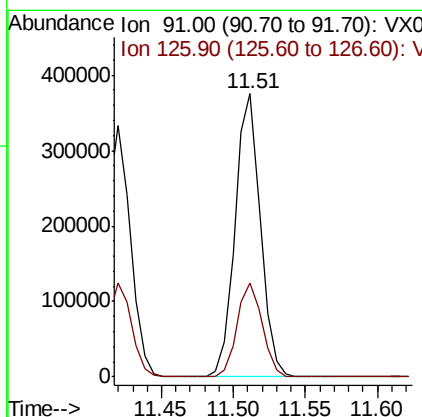
RT: 11.51 min Scan# 1699

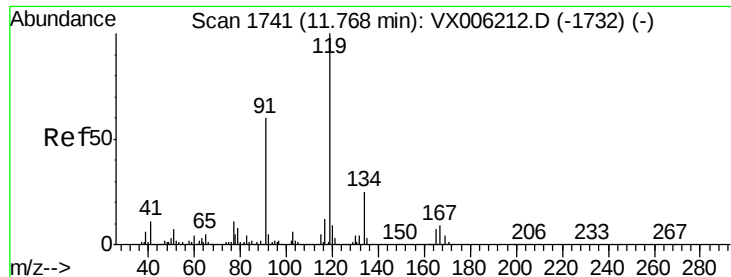
Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Tgt Ion:	91	Resp:	460356
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.4





#83

tert-Butylbenzene

Concen: 18.920 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

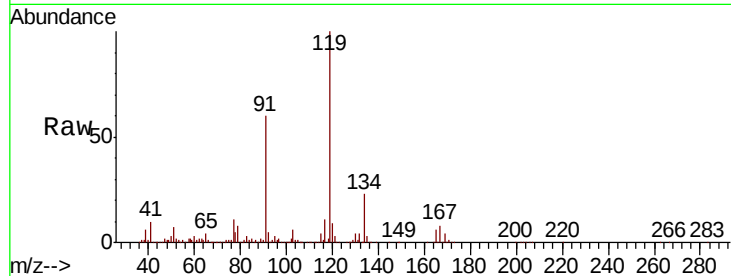
ClientSampled :

VX1206MBS01

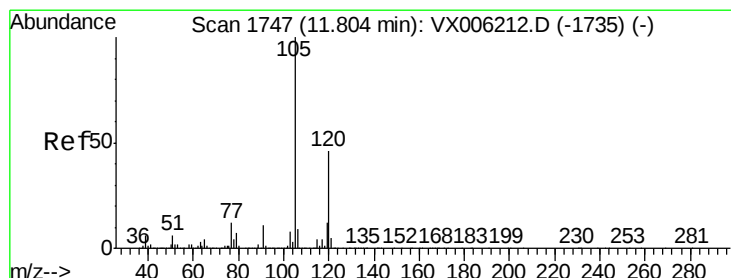
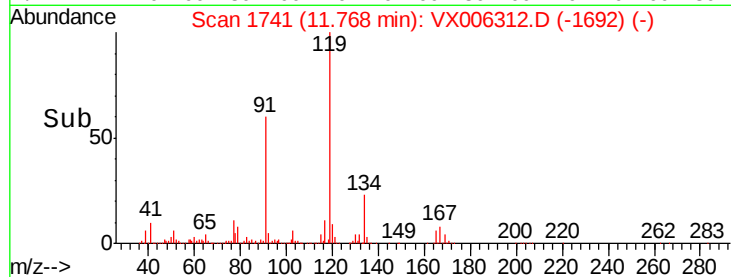
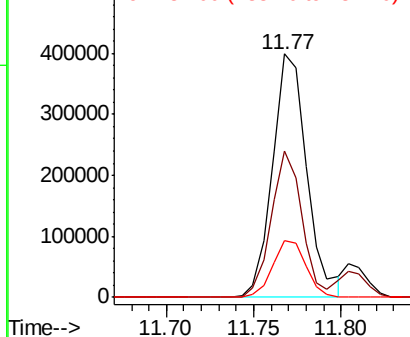
Tot Ion:	119	Resp:	545041
Ion Ratio	Lower	Upper	
119	100		
91	53.5	26.4	79.2
134	22.7	11.6	34.7

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



#84

1,2,4-Trimethylbenzene

Concen: 18.779 ug/l

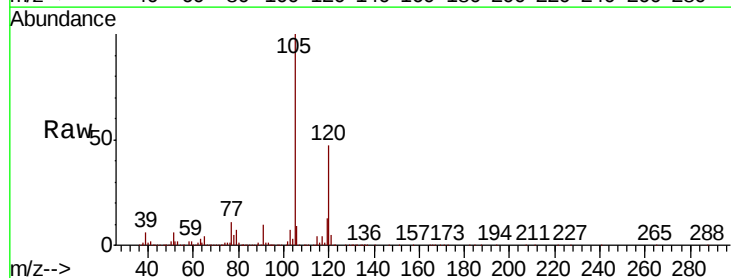
RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

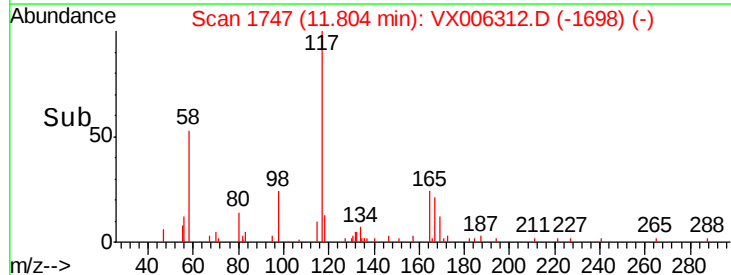
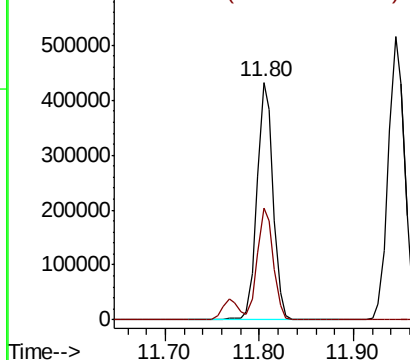
Lab File: VX006312.D

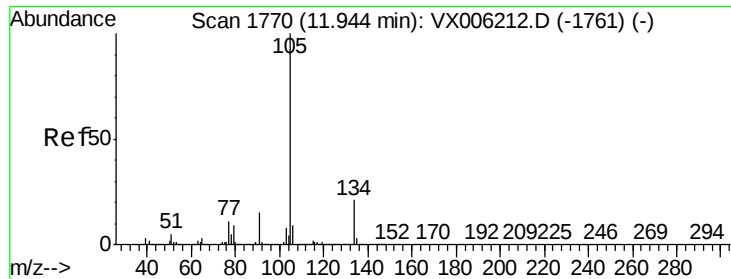
Acq: 06 Dec 2018 12:32

Tgt Ion:	105	Resp:	523548
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.4	70.0



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





#85

sec-Butylbenzene

Concen: 18.899 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX1206MBS01

Tot Ion:105 Resp: 619368

Ion Ratio Lower Upper

105 100

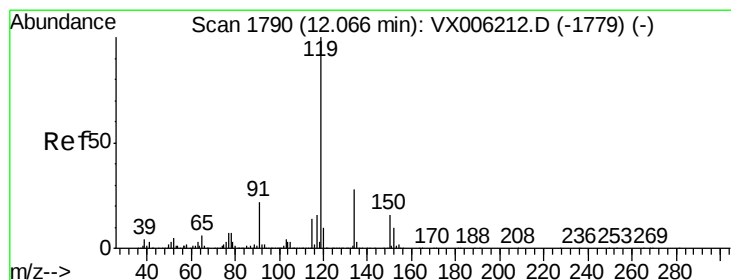
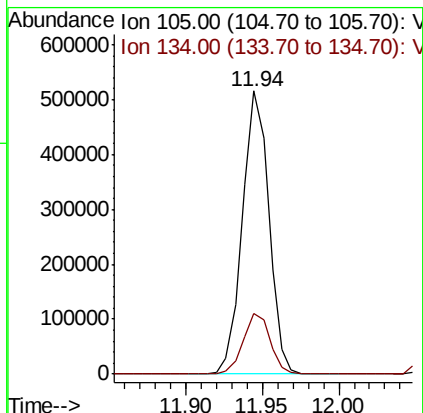
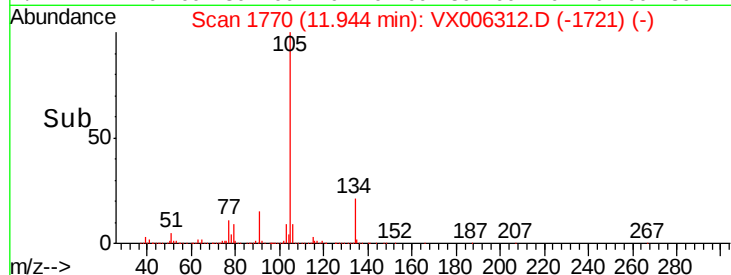
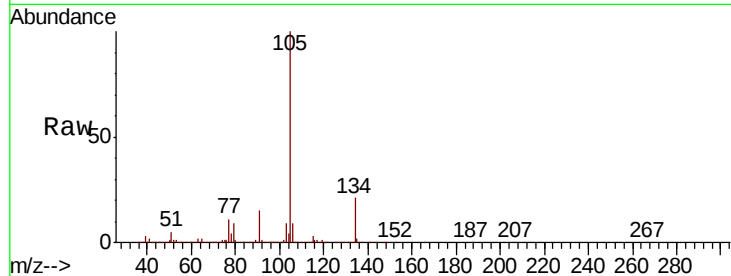
134 21.8 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 18.476 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

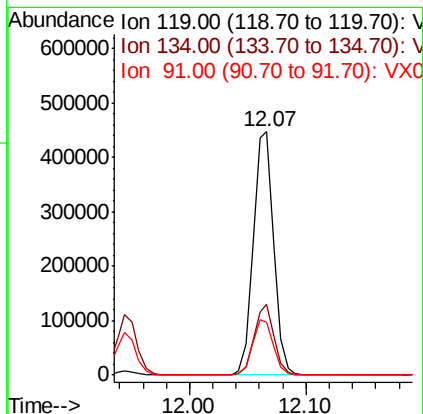
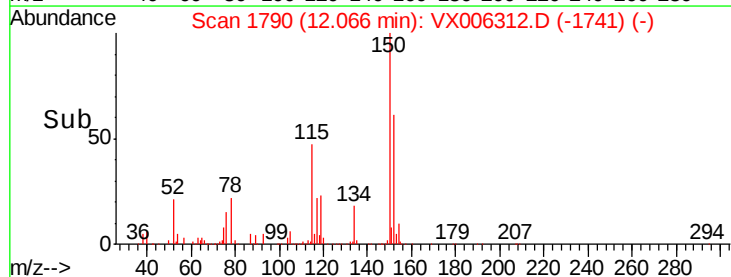
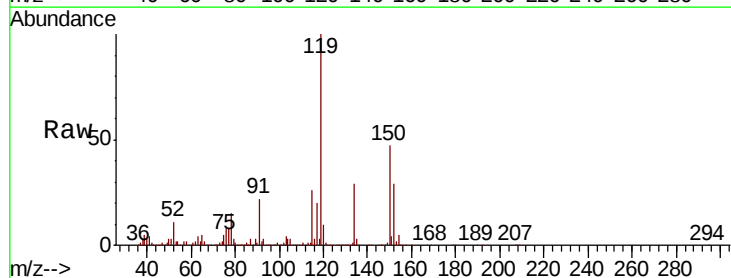
Tgt Ion:119 Resp: 545260

Ion Ratio Lower Upper

119 100

134 28.3 13.9 41.6

91 23.0 11.3 33.8





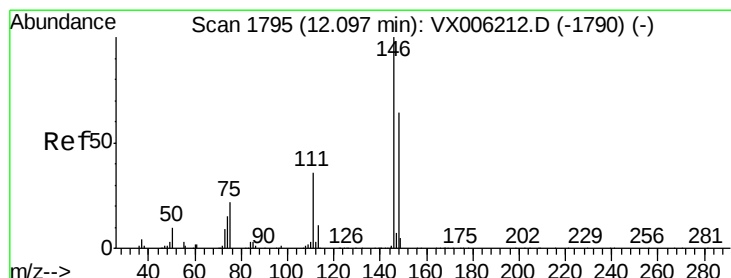
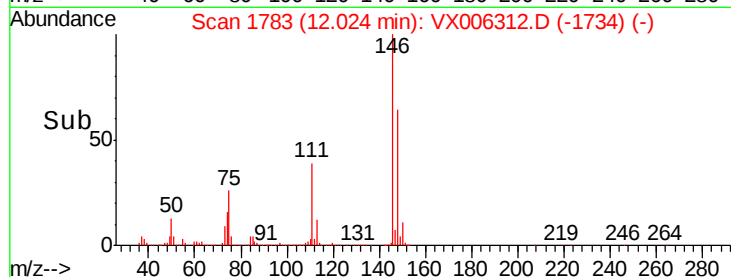
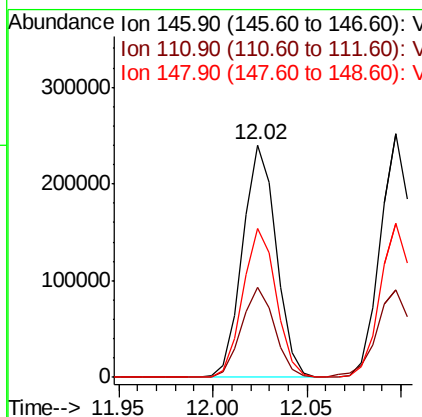
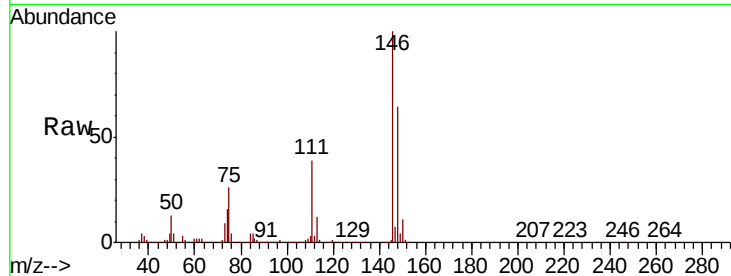
#87
 1,3-Dichlorobenzene
 Concen: 18.593 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.2
148	63.6	32.0	96.0

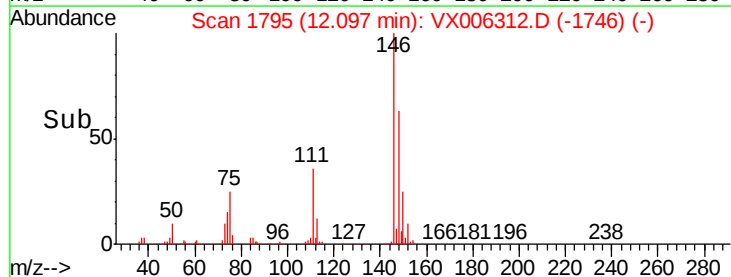
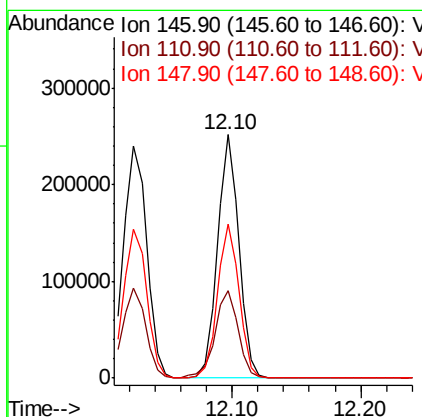
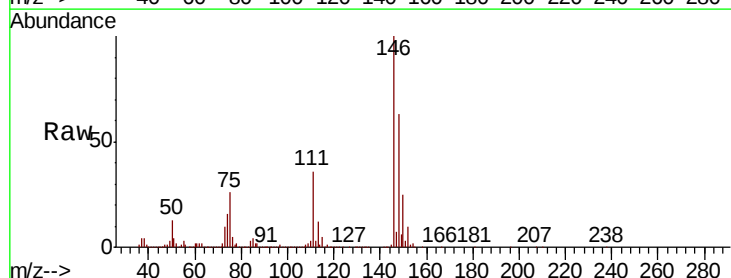
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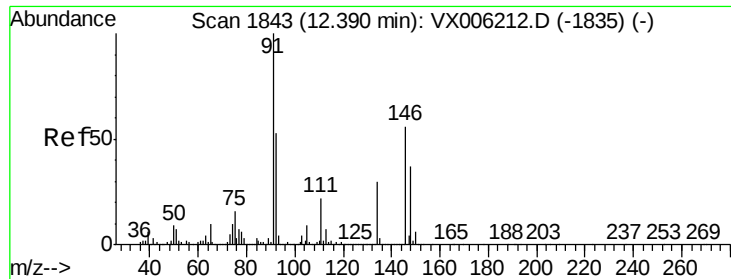
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#88
 1,4-Dichlorobenzene
 Concen: 18.136 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.3	54.8
148	64.2	31.9	95.9





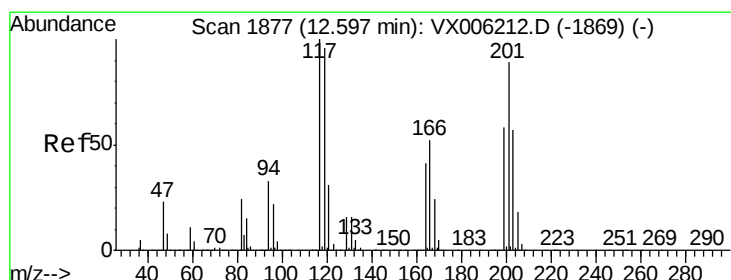
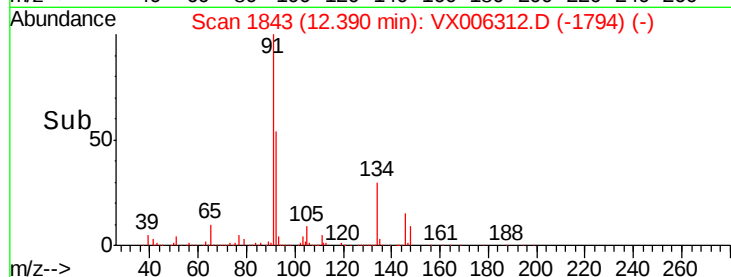
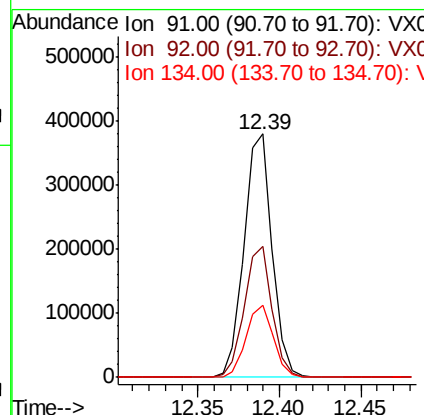
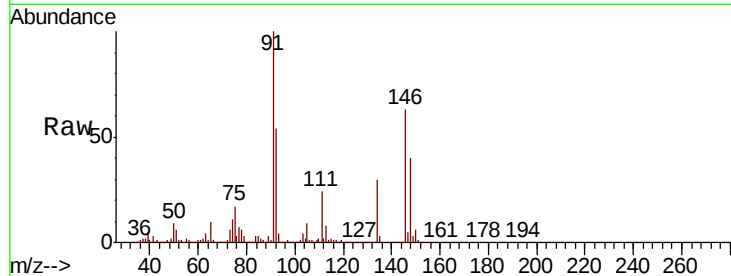
#89
n-Butylbenzene
Concen: 18.003 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX1206MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.8
134	29.4	14.8	44.3

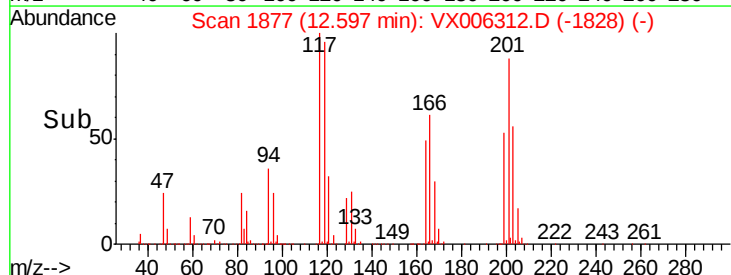
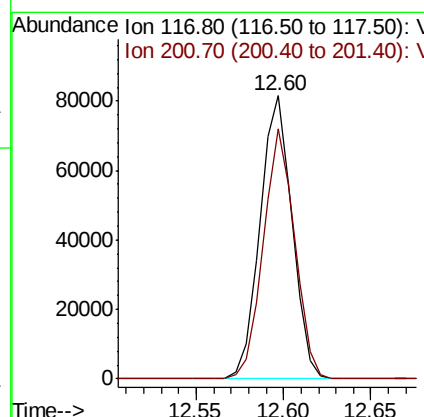
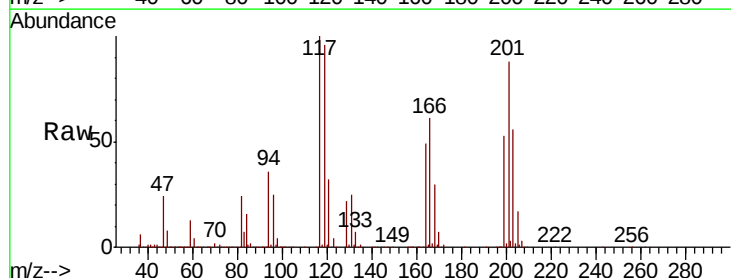
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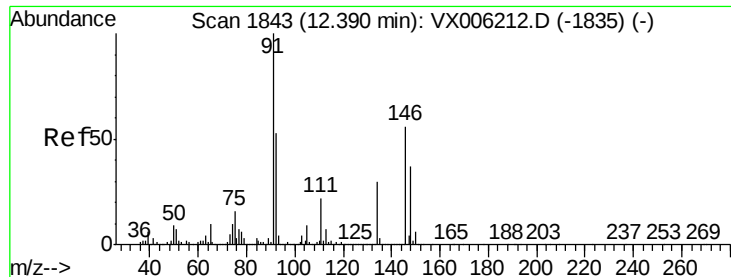
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#90
Hexachloroethane
Concen: 17.251 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.5	44.7	134.1





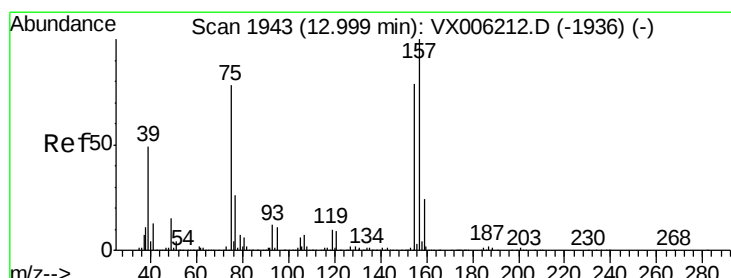
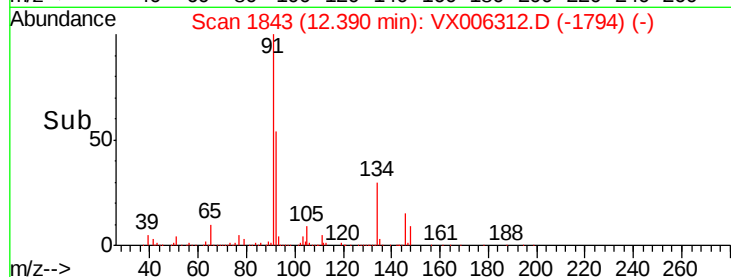
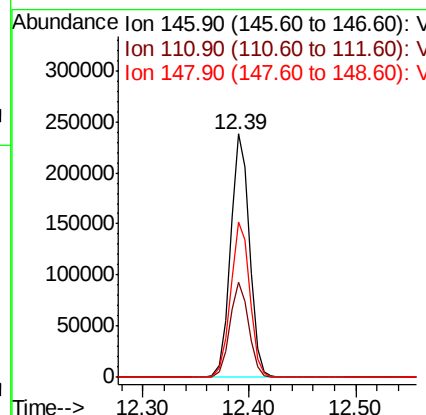
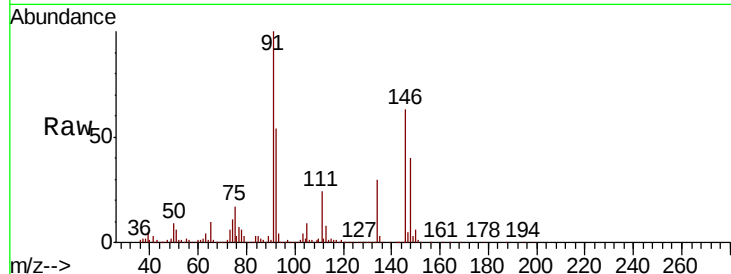
#91
 1,2-Dichlorobenzene
 Concen: 18.566 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.3
148	64.6	32.1	96.3

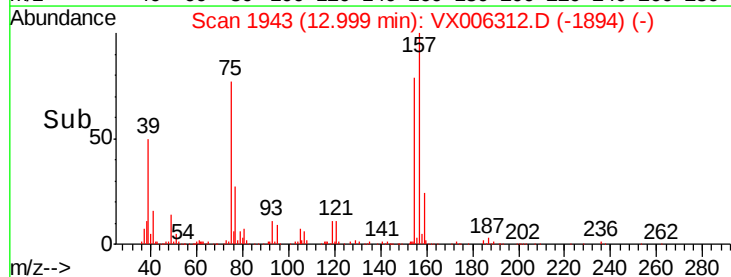
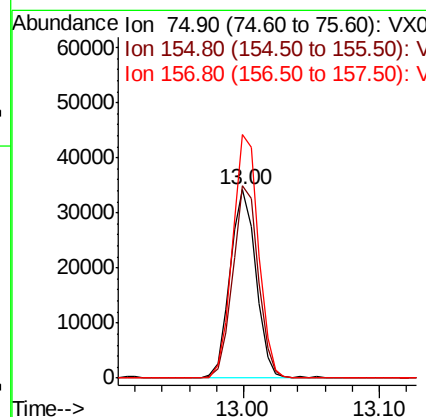
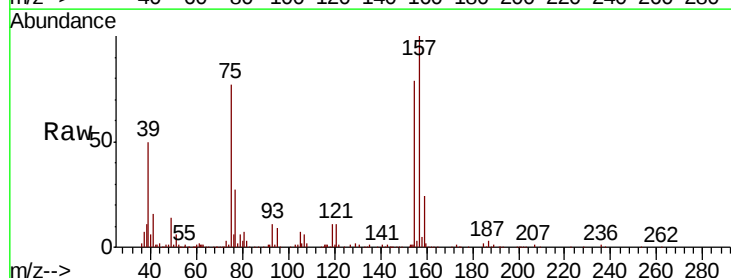
Manual Integrations
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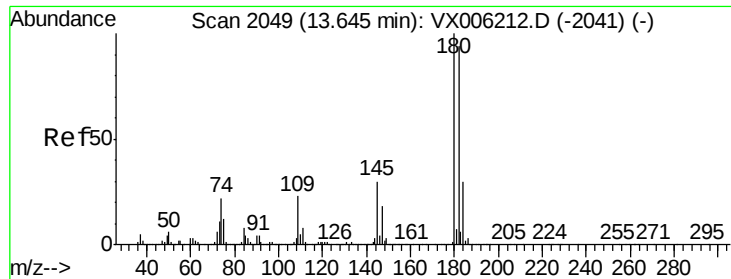
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.113 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	53.4	160.3
157	127.9	68.0	203.8





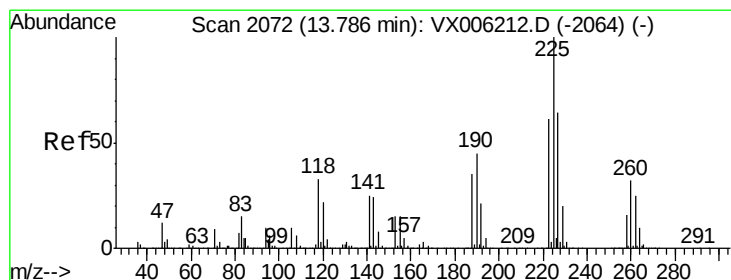
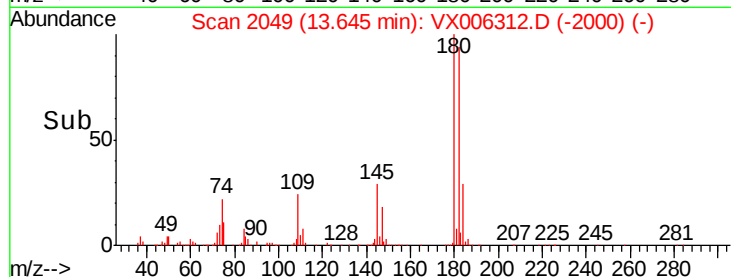
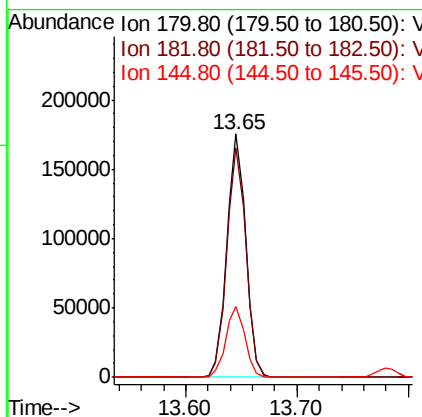
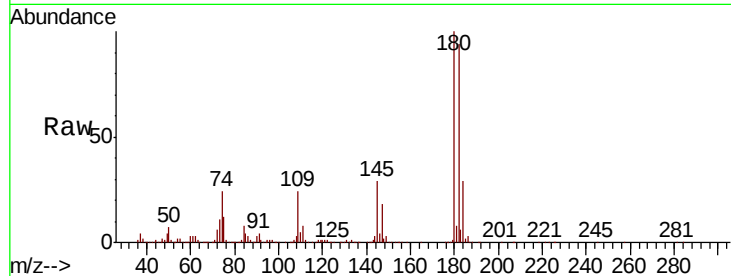
#93
 1,2,4-Trichlorobenzene
 Concen: 17.750 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	205944		
182	95.5	47.3	141.9	
145	29.7	14.6	43.8	

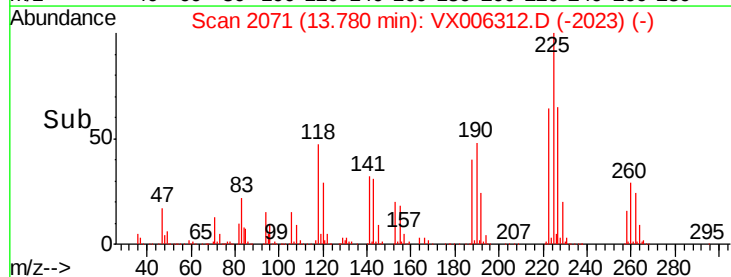
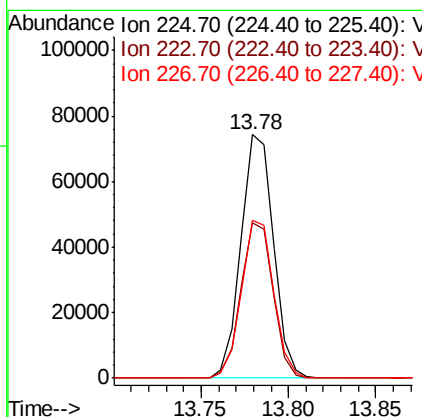
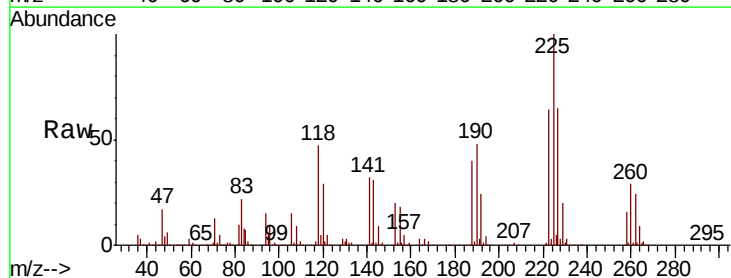
Manual Integrations
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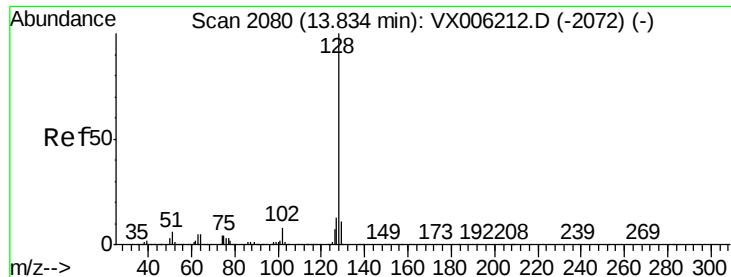
MMDadoda
 12/7/2018 11:19:04 AM



#94
 Hexachlorobutadiene
 Concen: 18.773 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	96326		
223	62.8	31.2	93.6	
227	63.9	31.9	95.5	





#95

Naphthalene

Concen: 18.252 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

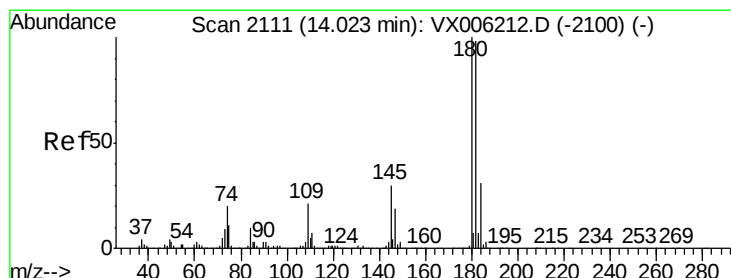
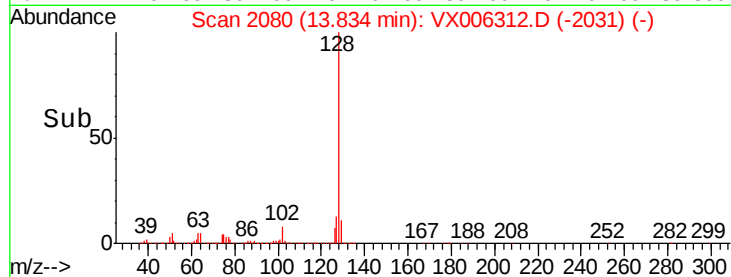
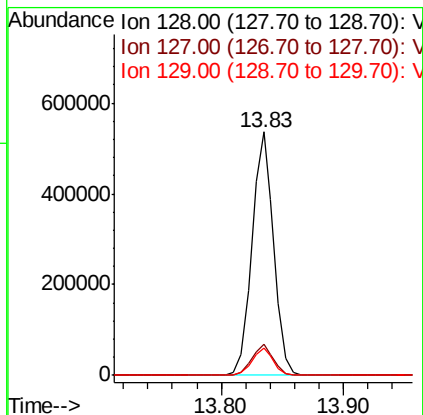
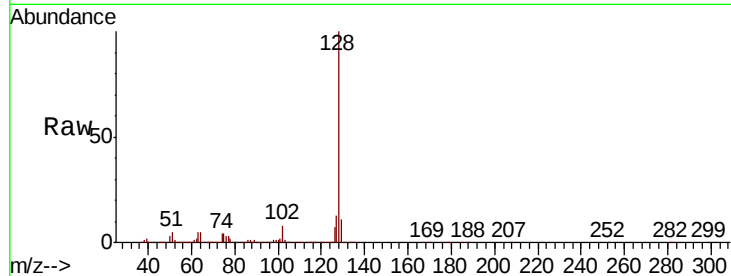
ClientSampleId :

VX1206MBS01

Tot Ion:	128	Resp:	658747
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.4
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/7/2018 11:19:04 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.916 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Tgt Ion:	180	Resp:	205898
Ion Ratio	Lower	Upper	
180	100		
182	97.0	48.4	145.2
145	31.5	15.6	46.8

