

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006296.D
 Acq On : 05 Dec 2018 13:18
 Operator : JC/MD
 Sample : VX1205WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:42:01 AM

Quant Time: Dec 06 00:37:12 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	5.66	168	700068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1058367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	951466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	464106	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	354119	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
35) Dibromofluoromethane	5.51	113	337377	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	8.71	98	1230150	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.13	95	459078	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	142443	20.781	ug/l	99
3) Chloromethane	1.33	50	129726	18.416	ug/l	96
4) Vinyl Chloride	1.41	62	143794	18.967	ug/l	96
5) Bromomethane	1.64	94	100228	19.076	ug/l	100
6) Chloroethane	1.72	64	96471	20.754	ug/l	94
7) Trichlorofluoromethane	1.93	101	224379	19.281	ug/l	100
8) Diethyl Ether	2.19	74	86357	19.607	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	129943	19.637	ug/l	99
10) Methyl Iodide	2.51	142	153514	15.394	ug/l	99
11) Tert butyl alcohol	3.07	59	181969	93.106	ug/l	99
12) 1,1-Dichloroethene	2.37	96	118660	18.732	ug/l	96
13) Acrolein	2.29	56	101247	94.781	ug/l	99
14) Allyl chloride	2.73	41	232252	18.560	ug/l	98
15) Acrylonitrile	3.15	53	389410	95.481	ug/l	100
16) Acetone	2.45	43	322217	96.074	ug/l	98
17) Carbon Disulfide	2.57	76	345996	17.725	ug/l	98
18) Methyl Acetate	2.78	43	221627	19.760	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	439641	19.455	ug/l	99
20) Methylene Chloride	2.86	84	135287	18.954	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	127815	18.934	ug/l	96
22) Diisopropyl ether	3.87	45	388441	19.874	ug/l	97
23) Vinyl Acetate	3.82	43	1621296	97.254	ug/l	100
24) 1,1-Dichloroethane	3.70	63	223113	19.971	ug/l	99
25) 2-Butanone	4.70	43	471494	98.527	ug/l	99
26) 2,2-Dichloropropane	4.59	77	200673	19.463	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	152764	20.288	ug/l	97
28) Bromochloromethane	5.01	49	91721	18.796	ug/l	97
29) Tetrahydrofuran	5.15	42	319894	96.183	ug/l	99
30) Chloroform	5.21	83	237822	20.257	ug/l	100
31) Cyclohexane	5.57	56	199161	19.290	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	219651	19.664	ug/l	99
36) 1,1-Dichloropropene	5.80	75	170243	19.102	ug/l	99
37) Ethyl Acetate	4.85	43	187174	18.753	ug/l	99
38) Carbon Tetrachloride	5.79	117	200303	19.104	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	220285	19.041	ug/l	96
40) Benzene	6.14	78	523679	19.618	ug/l	98
41) Methacrylonitrile	5.06	41	101170	18.421	ug/l	98
42) 1,2-Dichloroethane	6.20	62	173816	19.896	ug/l	99
43) Isopropyl Acetate	6.46	43	303409	18.233	ug/l	99
44) Trichloroethene	7.21	130	157576	19.486	ug/l	99
45) 1,2-Dichloropropane	7.52	63	132433	19.520	ug/l	99
46) Dibromomethane	7.66	93	95762	19.544	ug/l	98
47) Bromodichloromethane	7.90	83	179811	18.950	ug/l	98
48) Methyl methacrylate	7.77	41	148947	18.398	ug/l	97
49) 1,4-Dioxane	7.75	88	77622	389.026	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	919299	94.896	ug/l	98
52) Toluene	8.78	92	347117	19.765	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	202735	18.270	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	215442	18.697	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	142682	19.999	ug/l	99
56) Ethyl methacrylate	9.18	69	217296	19.482	ug/l	97
57) 1,3-Dichloropropane	9.37	76	226164	20.047	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	543067	95.949	ug/l	99
59) 2-Hexanone	9.49	43	692938	93.625	ug/l	100
60) Dibromochloromethane	9.59	129	167777	19.071	ug/l	99
61) 1,2-Dibromoethane	9.67	107	155102	19.442	ug/l	100
64) Tetrachloroethene	9.34	164	145815	20.350	ug/l	97
65) Chlorobenzene	10.14	112	405204	20.062	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	155130	19.768	ug/l	99
67) Ethyl Benzene	10.25	91	662332	19.717	ug/l	99
68) m/p-Xylenes	10.36	106	529091	39.320	ug/l	100
69) o-Xylene	10.70	106	262402	19.742	ug/l	99
70) Styrene	10.71	104	421459	19.605	ug/l	100
71) Bromoform	10.86	173	131284	17.722	ug/l #	100
73) Isopropylbenzene	11.02	105	681743	21.271	ug/l	99
74) N-amyl acetate	10.90	43	264358	19.154	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	212830	20.756	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	204620m	22.842	ug/l	
77) Bromobenzene	11.26	156	187095	21.035	ug/l	100
78) n-propylbenzene	11.36	91	749264	21.031	ug/l	100
79) 2-Chlorotoluene	11.42	91	448391	21.175	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	562421	21.091	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	71144	18.638	ug/l	94
82) 4-Chlorotoluene	11.51	91	507765	20.624	ug/l	100
83) tert-Butylbenzene	11.77	119	604978	21.263	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	569909	20.697	ug/l	99
85) sec-Butylbenzene	11.94	105	679197	20.983	ug/l	100
86) p-Isopropyltoluene	12.06	119	603919	20.720	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	321792	20.332	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	317782	19.783	ug/l	97
89) n-Butylbenzene	12.39	91	499012	20.065	ug/l	99
90) Hexachloroethane	12.60	117	115210	19.394	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	318495	20.277	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49009	18.646	ug/l	94

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ClientSampleId :
VX1205WBS01

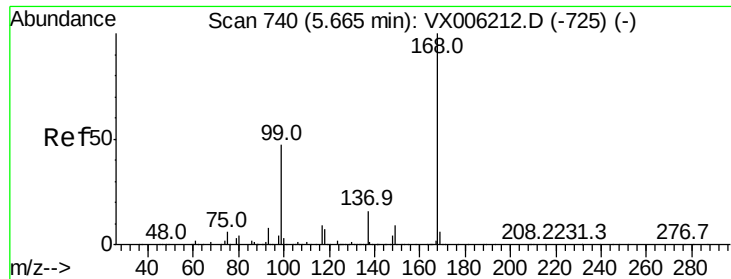
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	225716	19.697	ug/l	99
94) Hexachlorobutadiene	13.78	225	104791	20.677	ug/l	99
95) Naphthalene	13.83	128	725020	20.339	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	229982	20.262	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampled :

VX1205WBS01

Tot Ion:168 Resp: 700068

Ion Ratio Lower Upper

168 100

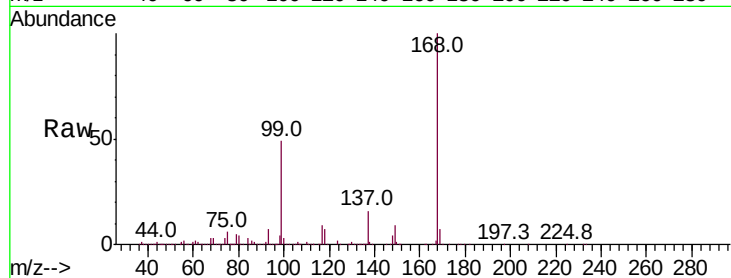
99 49.4 37.8 56.8

Manual Integrations

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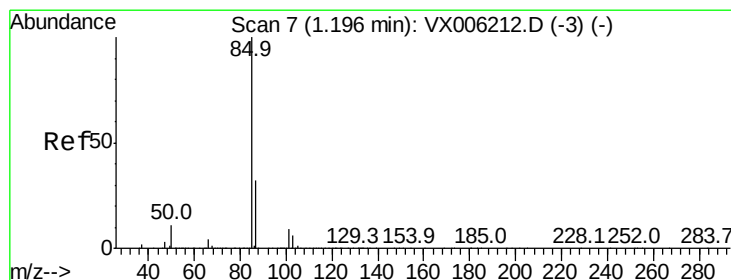
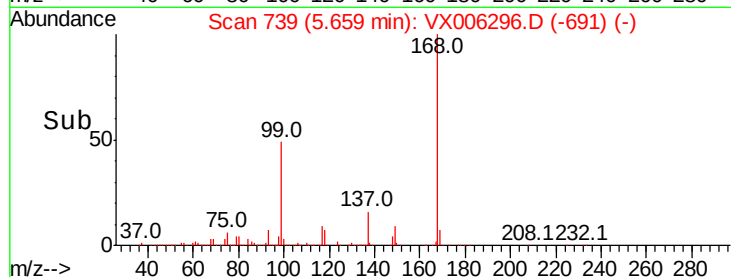
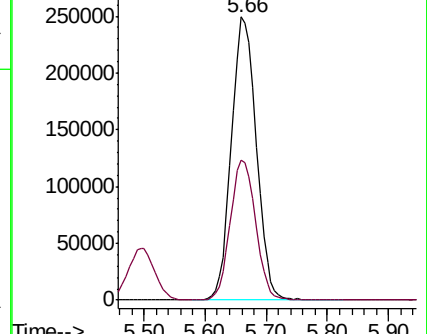
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.781 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006296.D

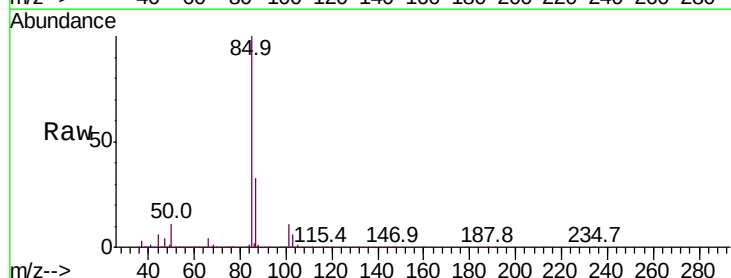
Acq: 05 Dec 2018 13:18

Tgt Ion: 85 Resp: 142443

Ion Ratio Lower Upper

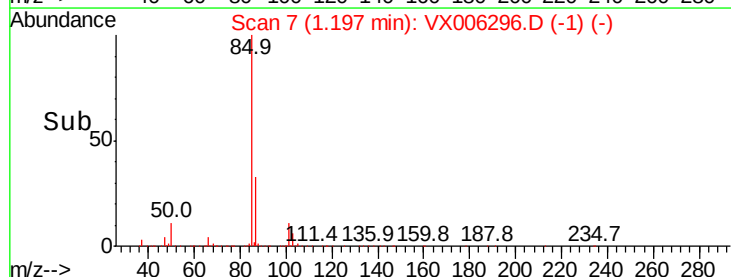
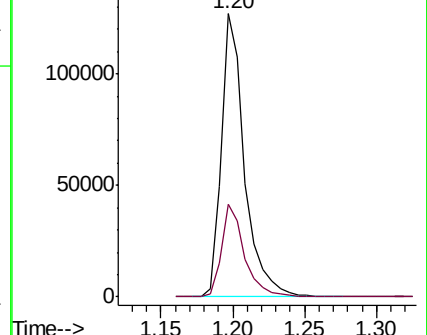
85 100

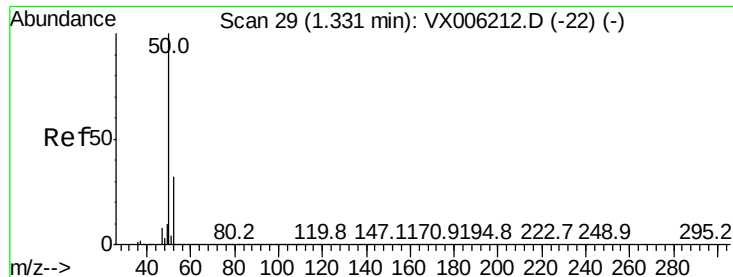
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.416 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 50 Resp: 129726

Ion Ratio Lower Upper

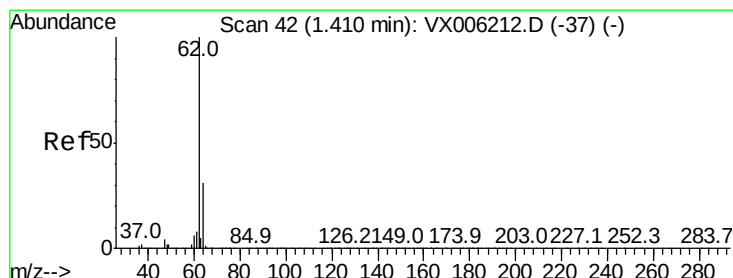
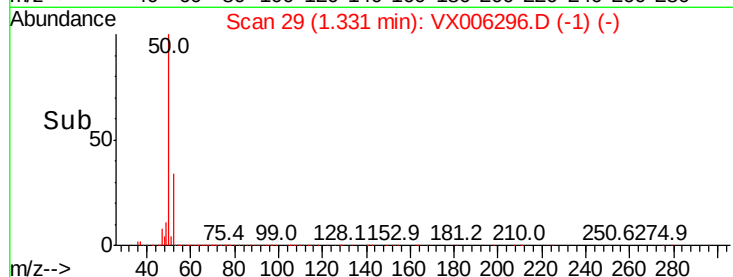
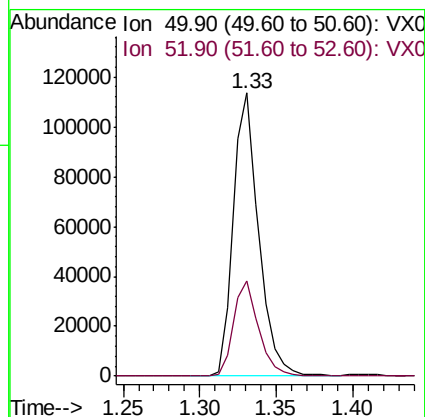
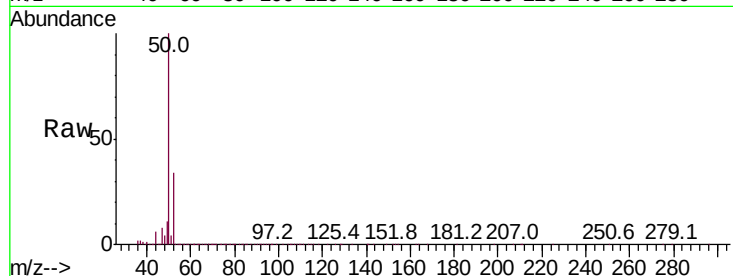
50 100

52 33.6 25.2 37.8

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#4

Vinyl Chloride

Concen: 18.967 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006296.D

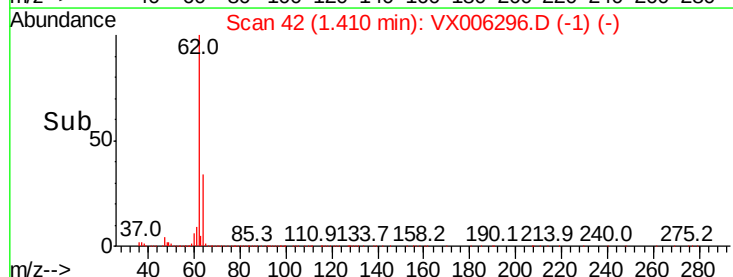
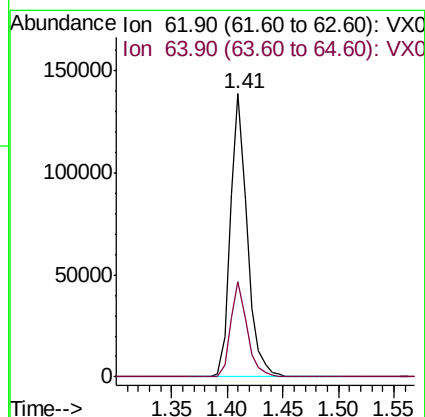
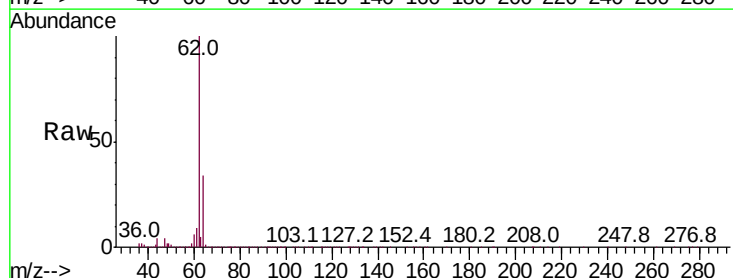
Acq: 05 Dec 2018 13:18

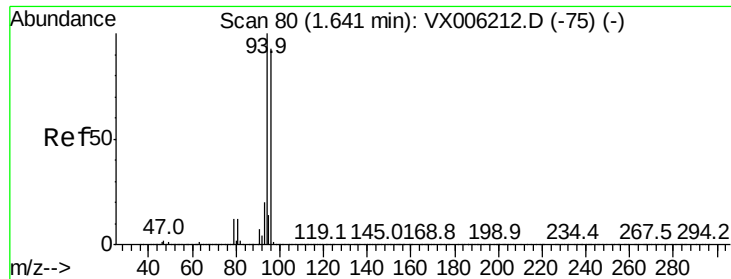
Tgt Ion: 62 Resp: 143794

Ion Ratio Lower Upper

62 100

64 33.5 24.9 37.3





#5

Bromomethane

Concen: 19.076 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 94 Resp: 100228

Ion Ratio Lower Upper

94 100

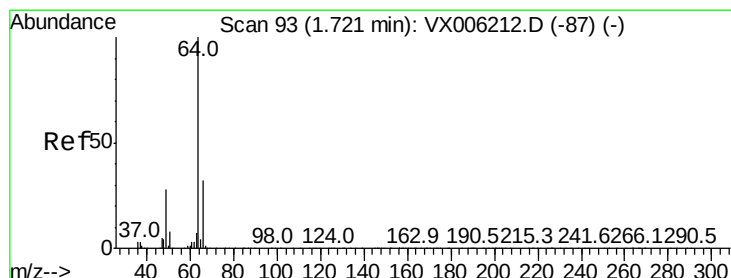
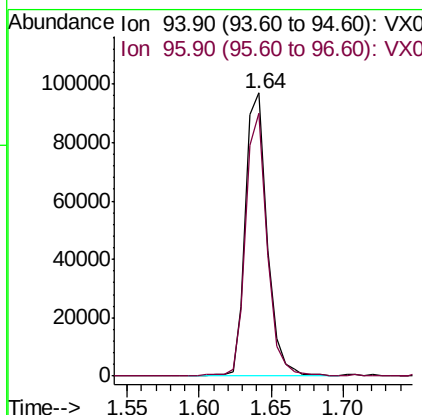
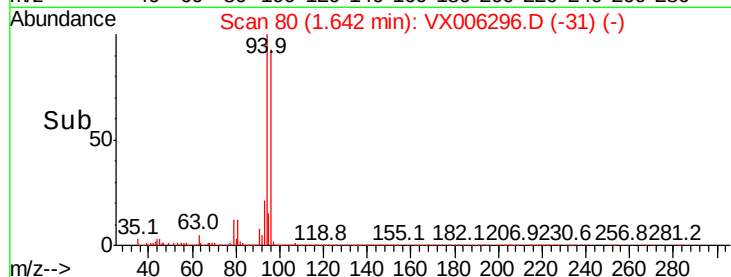
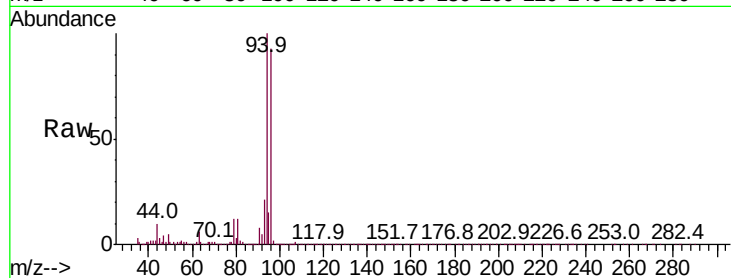
96 92.9 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 20.754 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006296.D

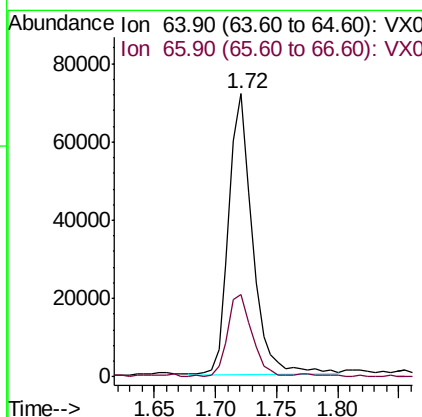
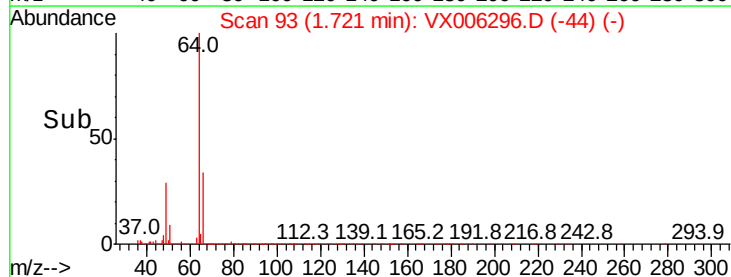
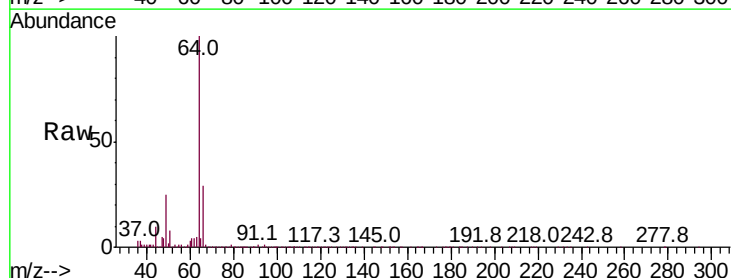
Acq: 05 Dec 2018 13:18

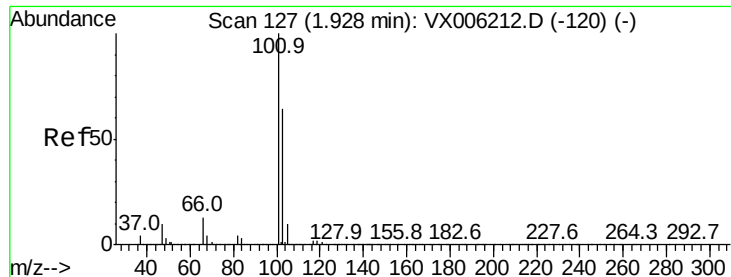
Tgt Ion: 64 Resp: 96471

Ion Ratio Lower Upper

64 100

66 28.9 25.9 38.9





#7

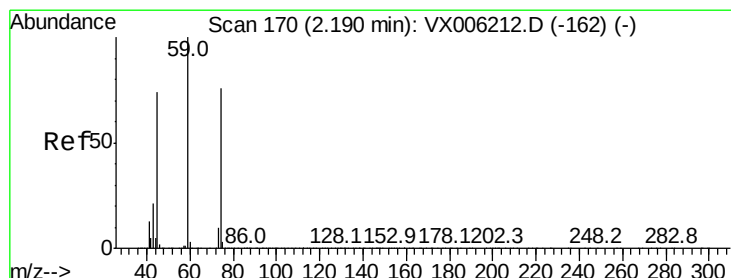
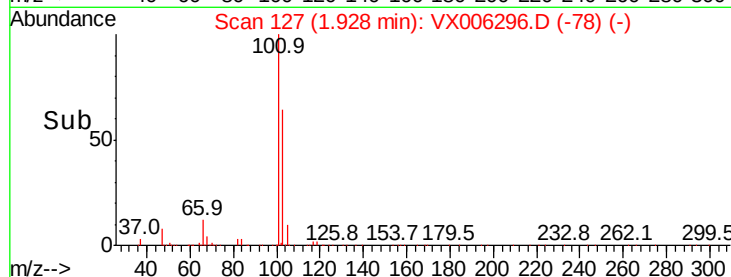
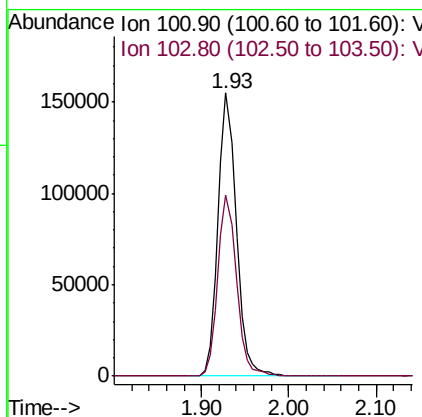
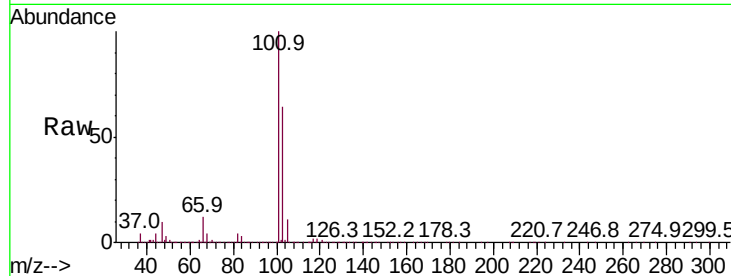
Trichlorofluoromethane
Concen: 19.281 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

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ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.0	76.4

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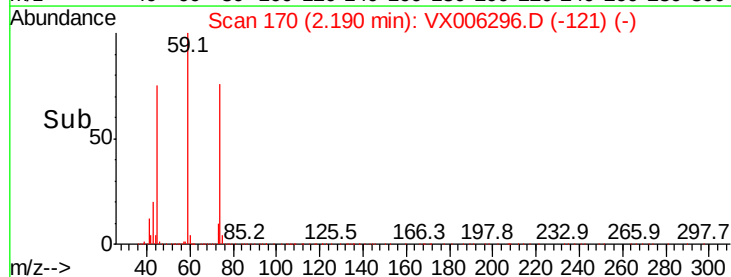
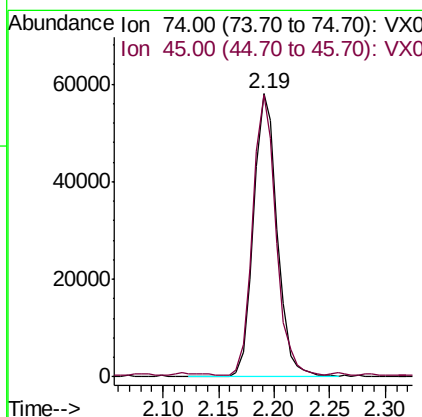
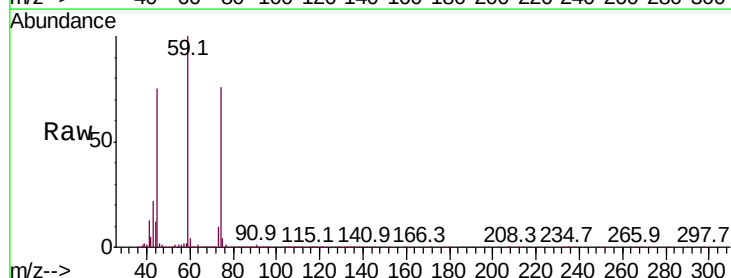
MMDadoda
12/7/2018 10:42:01 AM

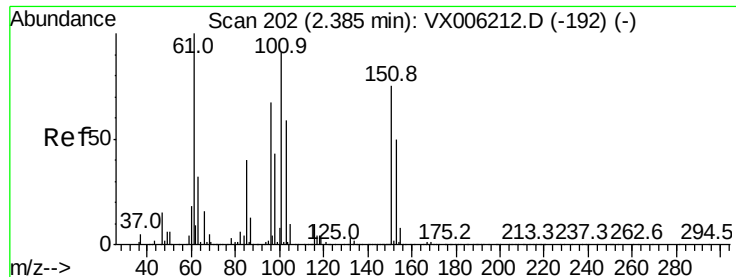


#8

Diethyl Ether
Concen: 19.607 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.637 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

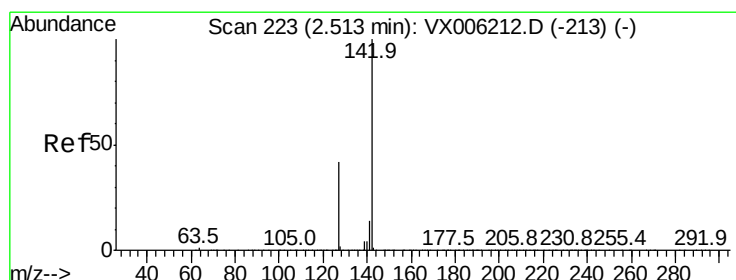
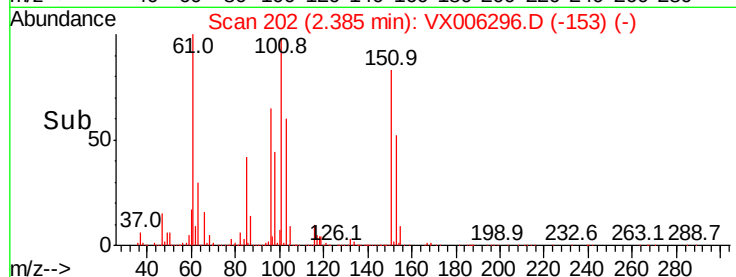
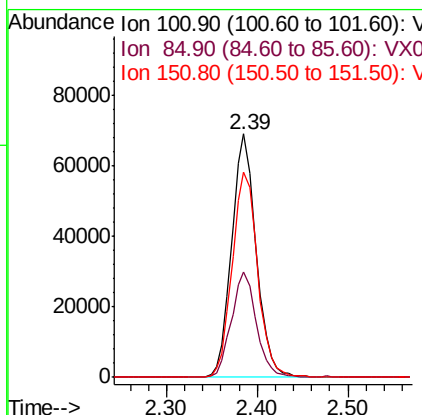
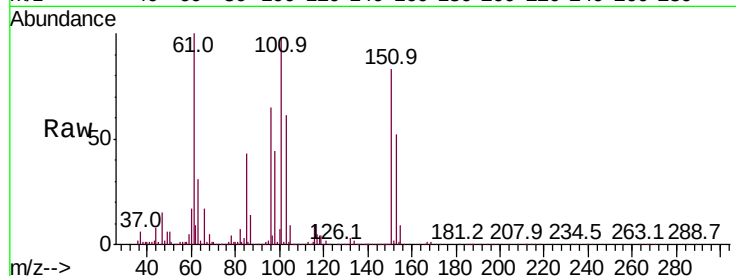
ClientSampleId :

VX1205WBS01

Tot Ion:	101	Resp:	129943
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.5	53.3
151	87.2	68.6	103.0

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#10

Methyl Iodide

Concen: 15.394 ug/l

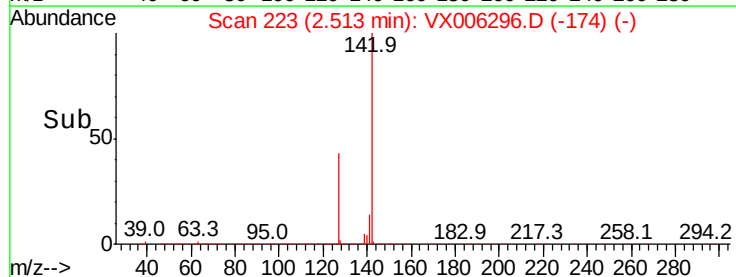
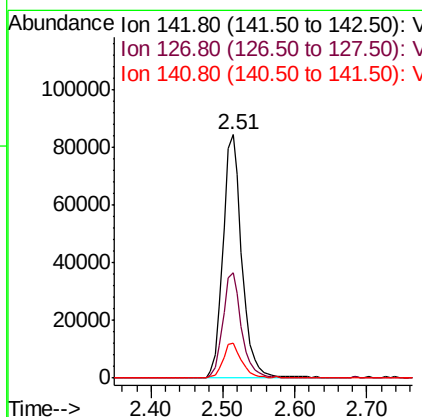
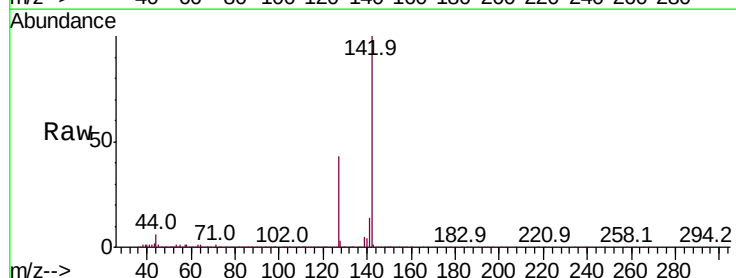
RT: 2.51 min Scan# 223

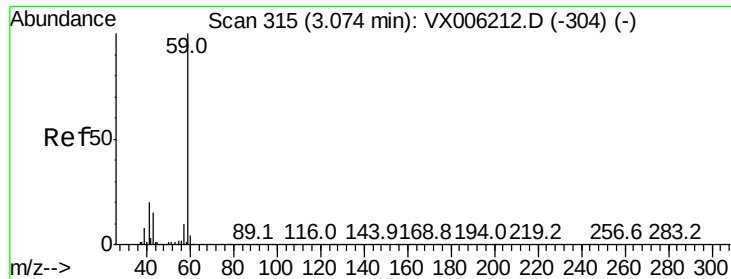
Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion:	142	Resp:	153514
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.8	52.2
141	14.2	11.4	17.2





#11

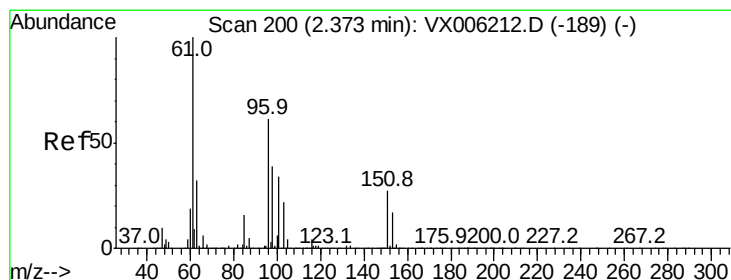
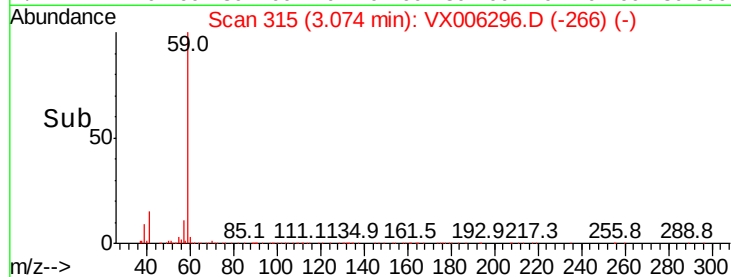
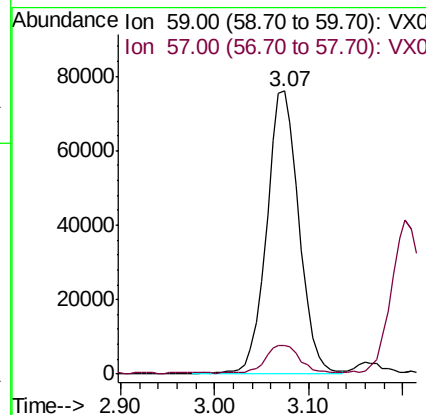
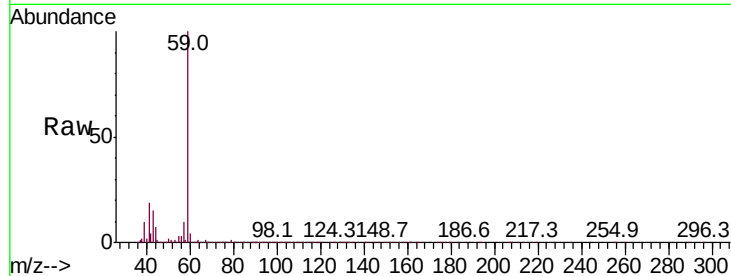
Tert butyl alcohol
 Concen: 93.106 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX006296.D
 Acq: 05 Dec 2018 13:18

Instrument :
 MSVOA_X
 ClientSampled :
 VX1205WBS01

Tot Ion	59	Resp	181969
Ion Ratio	100	Lower	Upper
57	10.0	8.2	12.2

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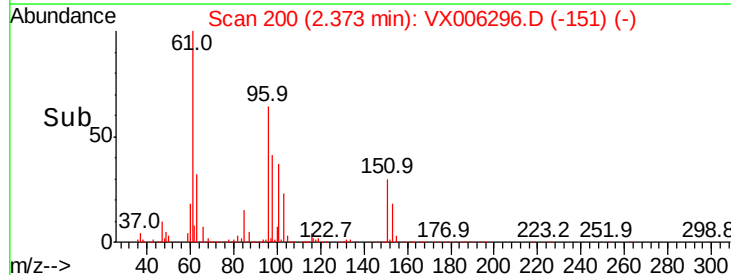
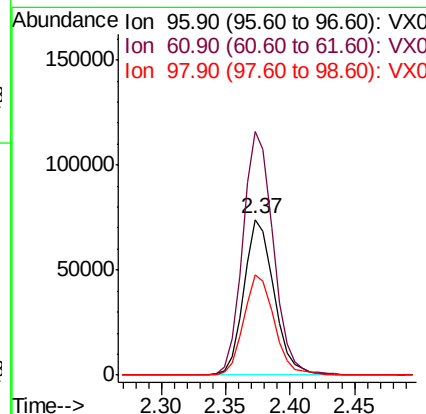
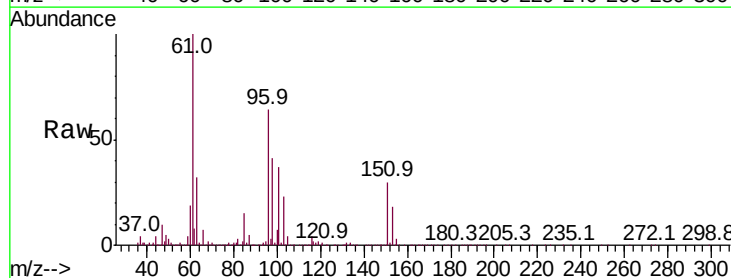
MMDadoda
 12/7/2018 10:42:01 AM

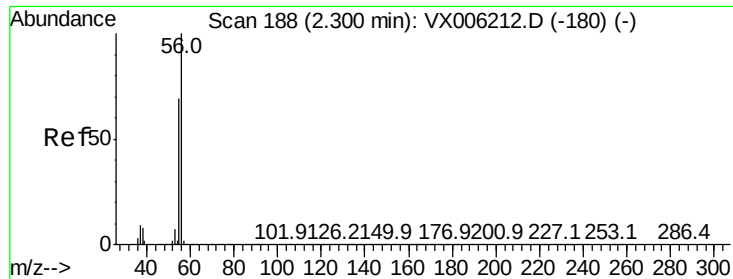


#12

1,1-Dichloroethene
 Concen: 18.732 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX006296.D
 Acq: 05 Dec 2018 13:18

Tgt Ion	96	Resp	118660
Ion Ratio	100	Lower	Upper
61	156.9	131.7	197.5
98	64.6	51.8	77.6





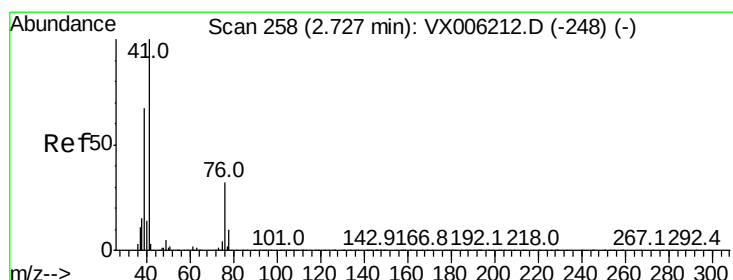
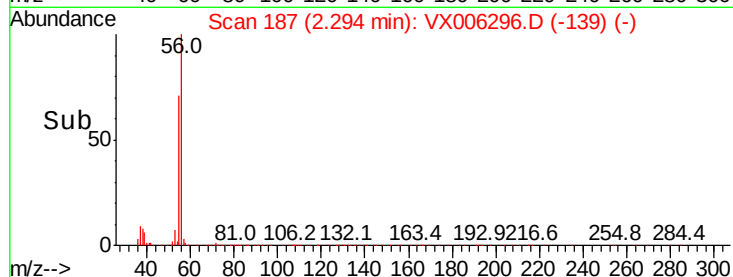
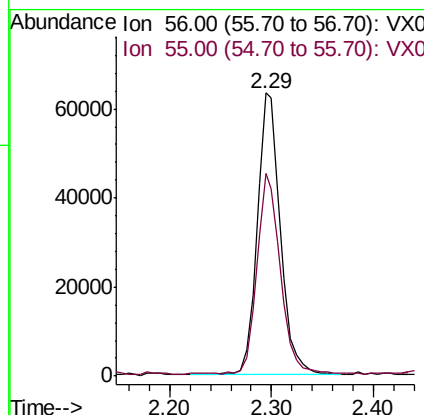
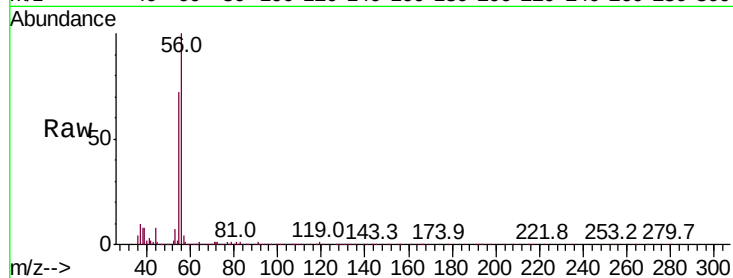
#13
Acrolein
Concen: 94.781 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.4	57.8	86.6

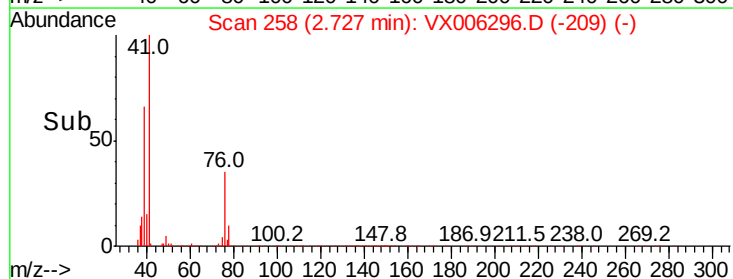
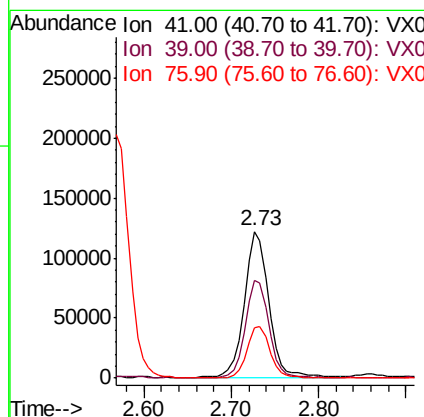
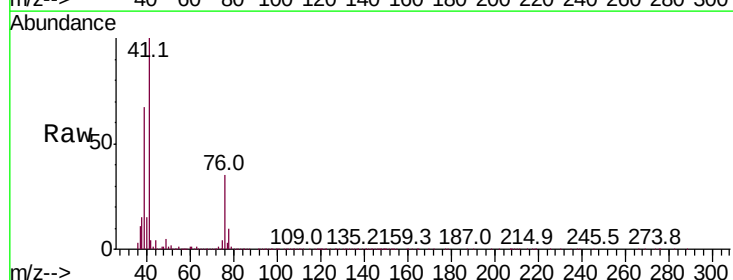
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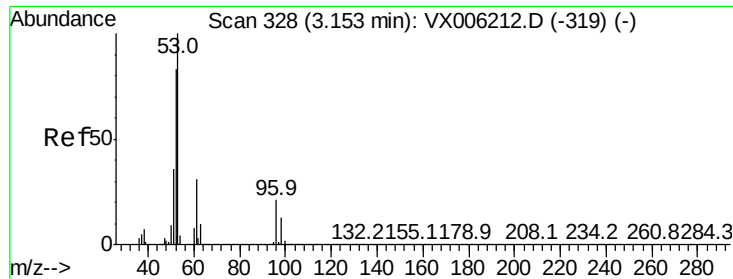
MMDadoda
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#14
Allyl chloride
Concen: 18.560 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.5	52.4	78.6
76	33.4	25.4	38.0





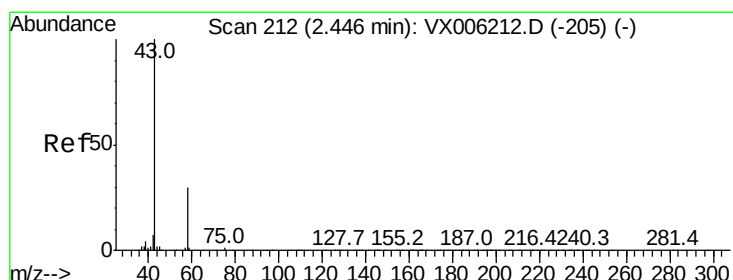
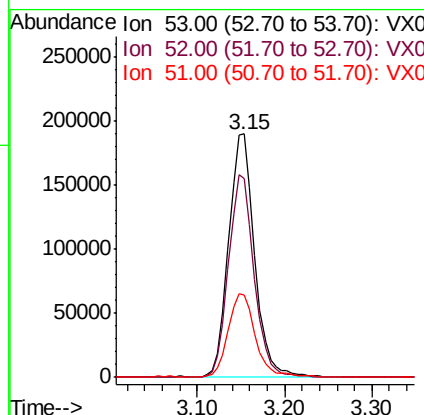
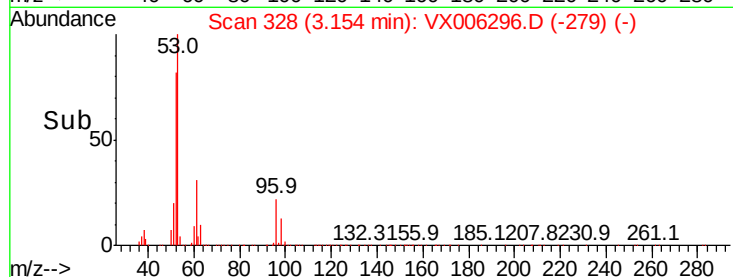
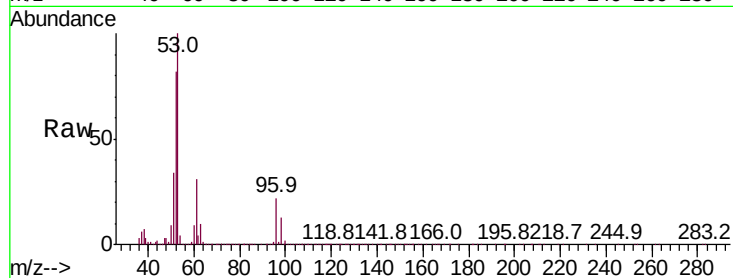
#15
 Acrylonitrile
 Concen: 95.481 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX006296.D
 Acq: 05 Dec 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
53	100	389410		
52	82.3		66.2	99.4
51	35.8		28.7	43.1

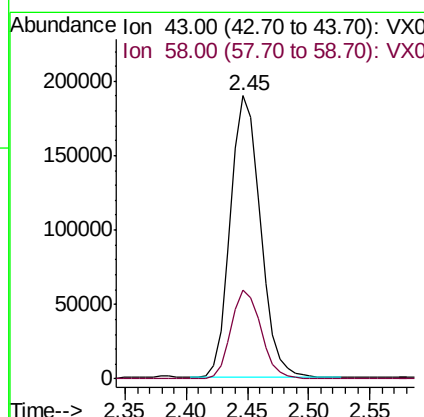
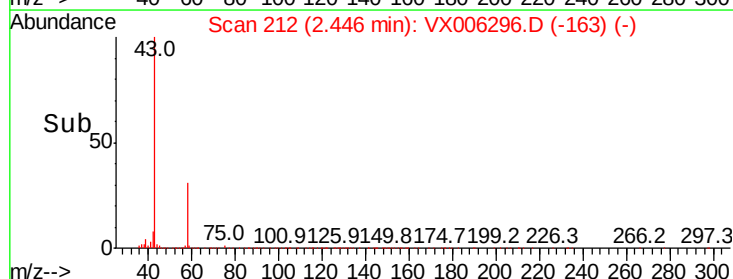
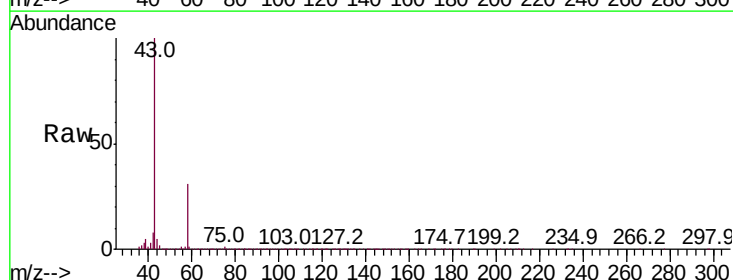
Manual Integrations
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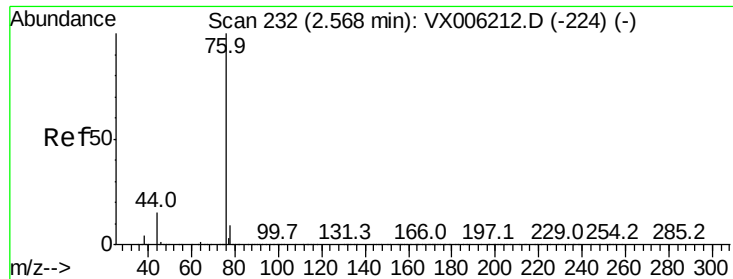
MMDadoda
 12/7/2018 10:42:01 AM



#16
 Acetone
 Concen: 96.074 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006296.D
 Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	322217		
58	31.3		24.0	36.0





#17

Carbon Disulfide

Concen: 17.725 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 76 Resp: 345996

Ion Ratio Lower Upper

76 100

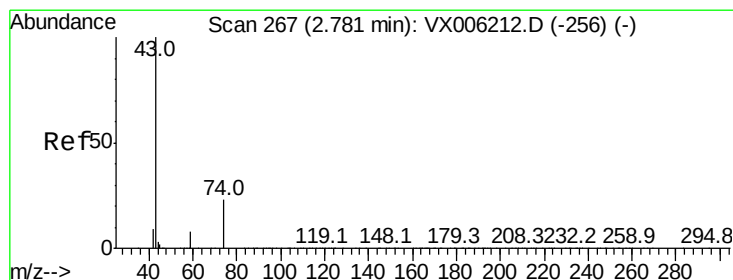
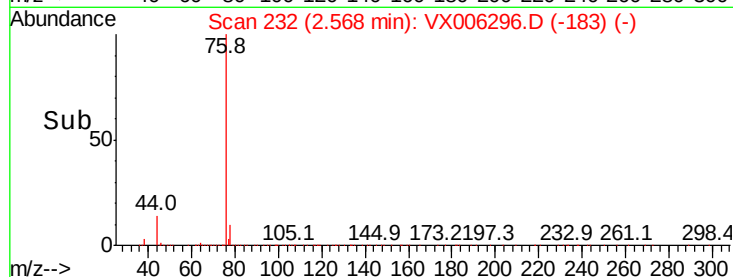
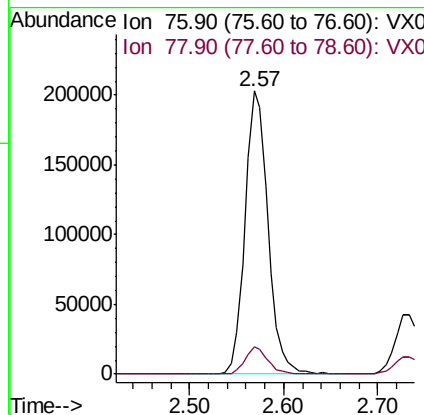
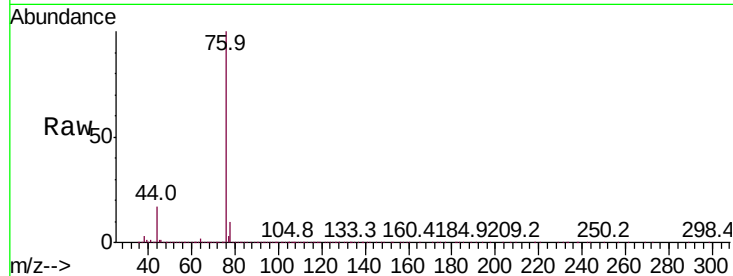
78 9.6 7.1 10.7

Manual Integrations

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MMDadoda

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#18

Methyl Acetate

Concen: 19.760 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006296.D

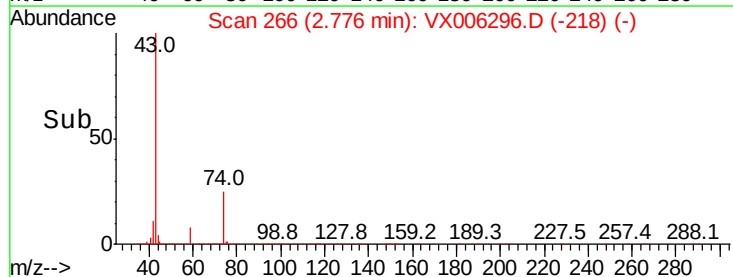
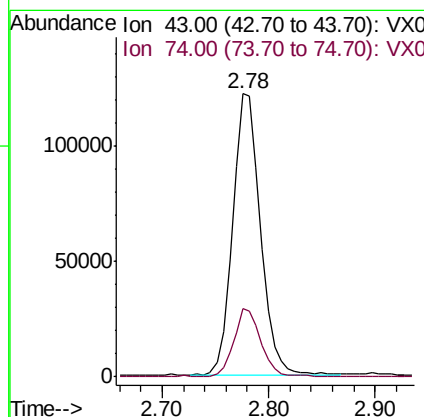
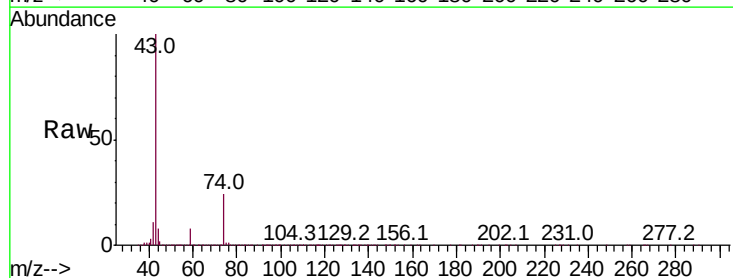
Acq: 05 Dec 2018 13:18

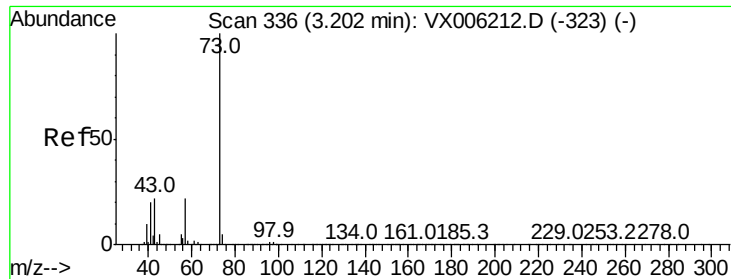
Tgt Ion: 43 Resp: 221627

Ion Ratio Lower Upper

43 100

74 23.4 17.9 26.9





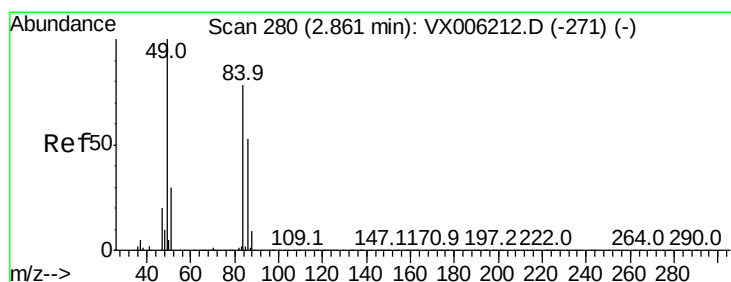
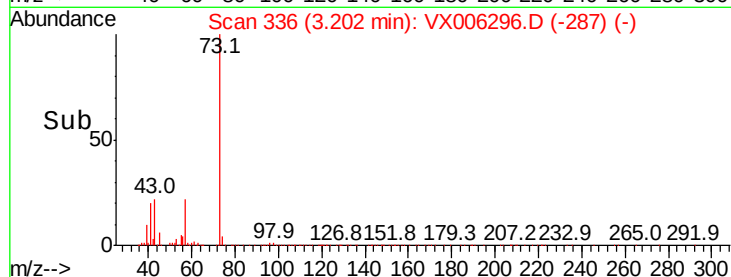
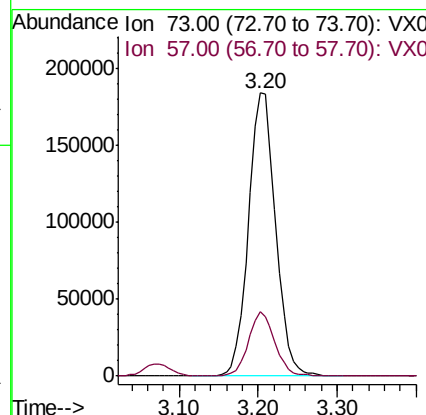
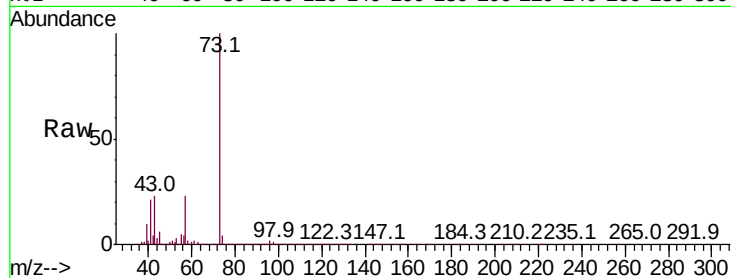
#19
Methyl tert-butyl Ether
Concen: 19.455 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.5	26.3

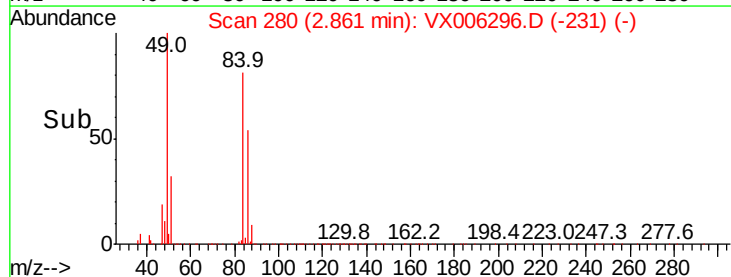
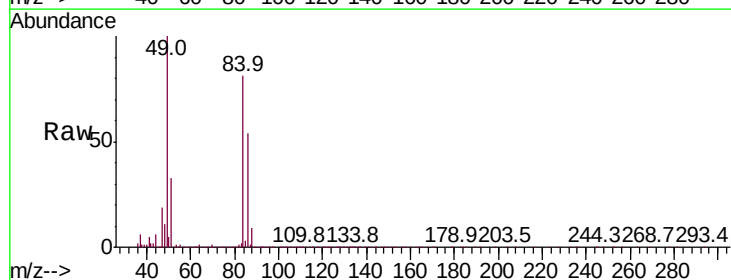
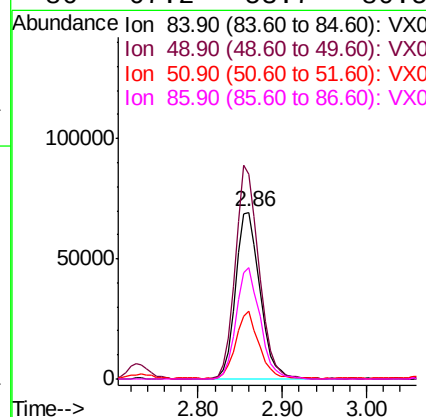
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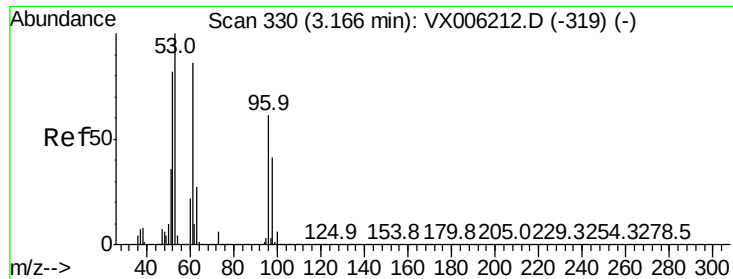
MMDadoda
12/7/2018 10:42:01 AM



#20
Methylene Chloride
Concen: 18.954 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	102.2	153.4
51	40.4	31.1	46.7
86	67.2	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 18.934 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 96 Resp: 127815

Ion Ratio Lower Upper

96 100

61 135.3 113.3 169.9

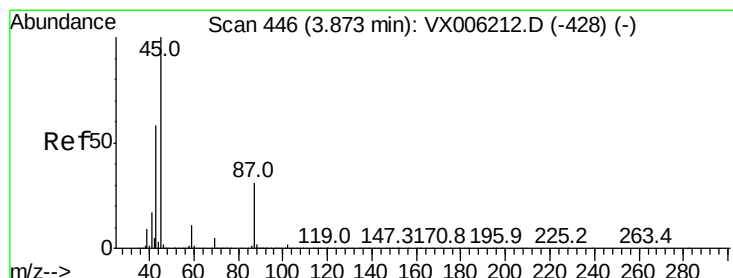
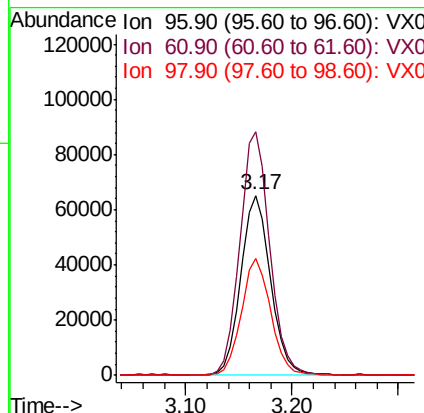
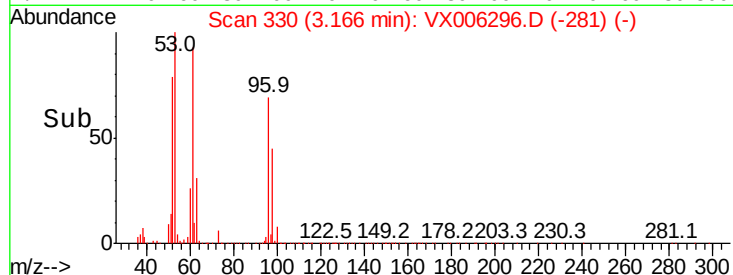
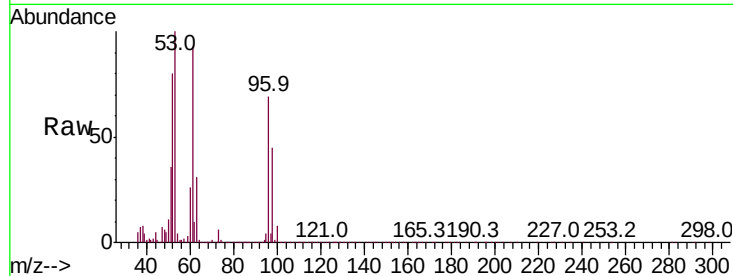
98 64.9 53.2 79.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.874 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion: 45 Resp: 388441

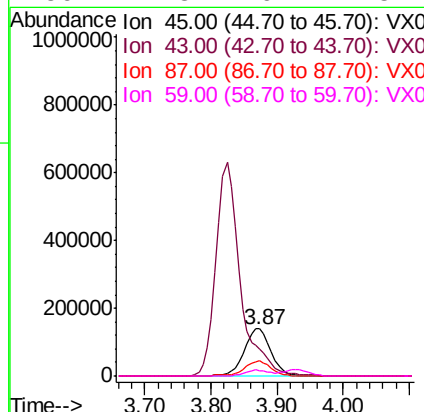
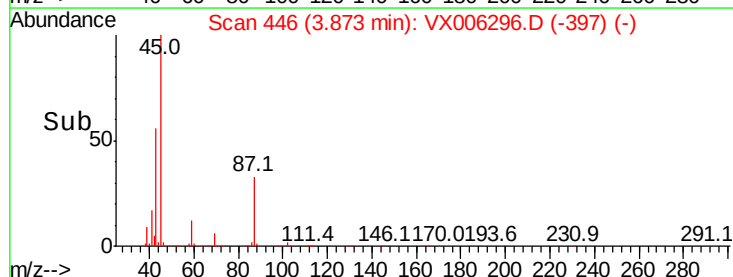
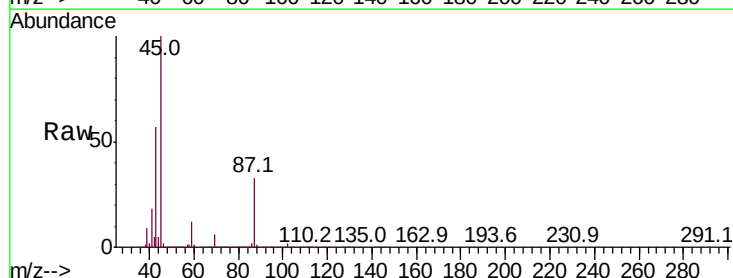
Ion Ratio Lower Upper

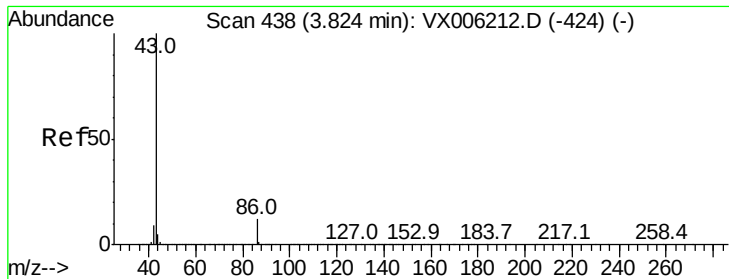
45 100

43 56.1 46.2 69.2

87 33.1 24.9 37.3

59 12.3 9.1 13.7





#23

Vinyl Acetate

Concen: 97.254 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 43 Resp: 1621296

Ion Ratio Lower Upper

43 100

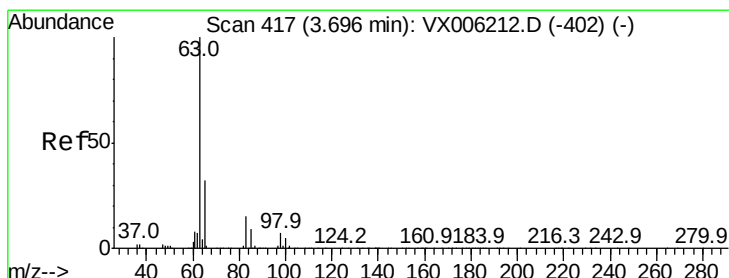
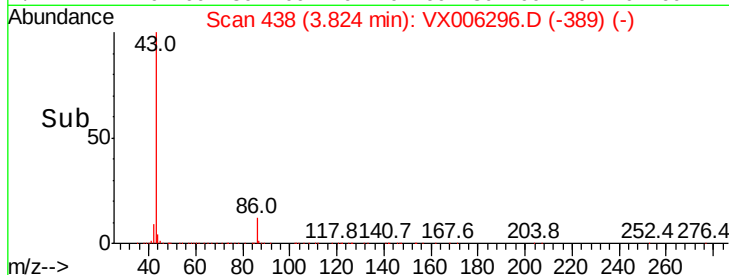
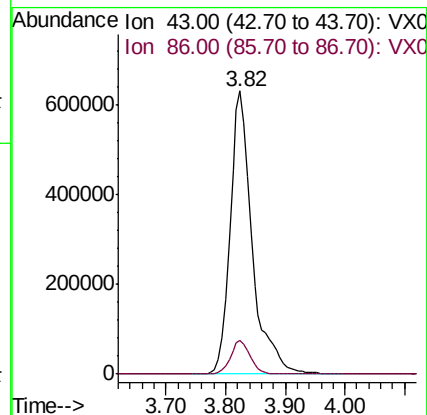
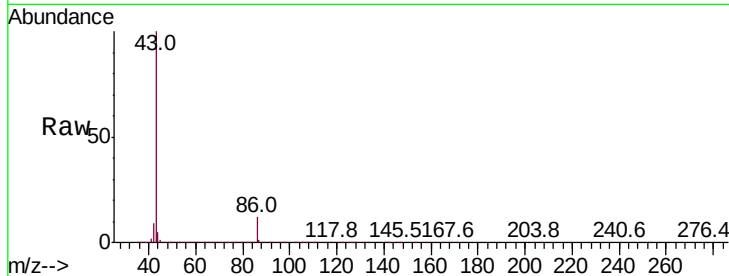
86 11.8 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.971 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

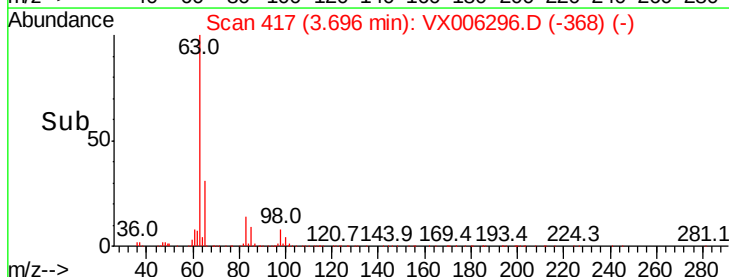
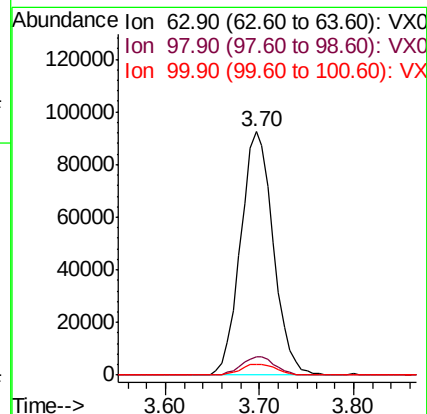
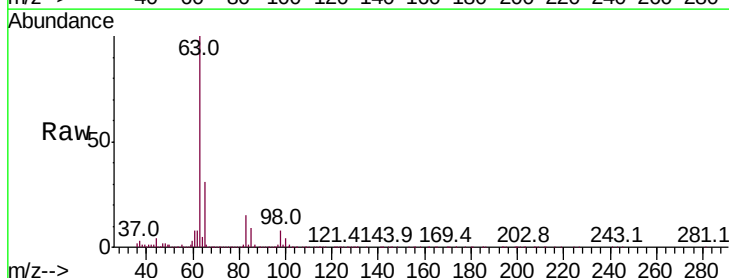
Tgt Ion: 63 Resp: 223113

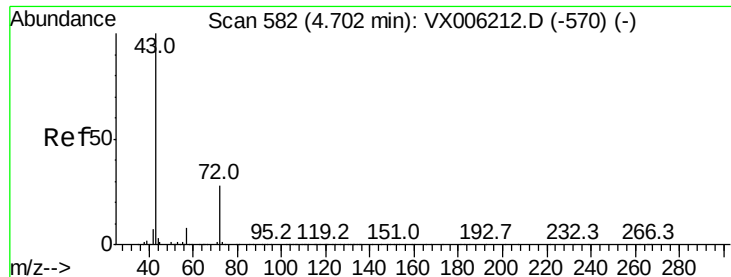
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 98.527 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 43 Resp: 471494

Ion Ratio Lower Upper

43 100

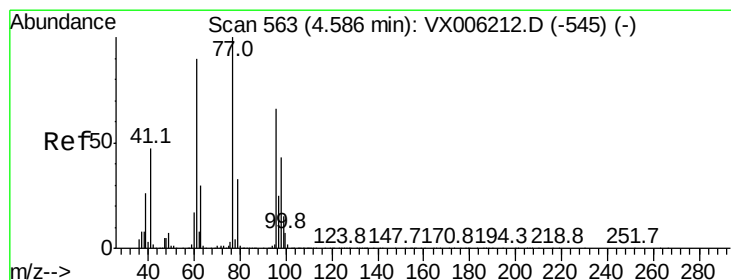
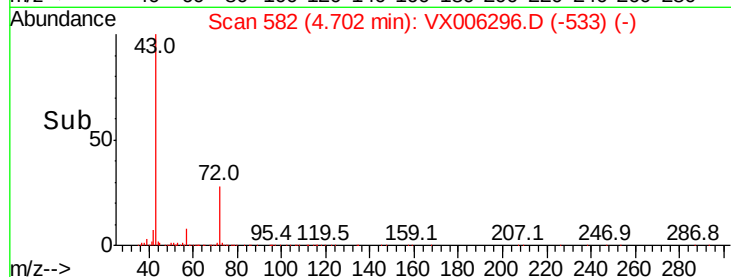
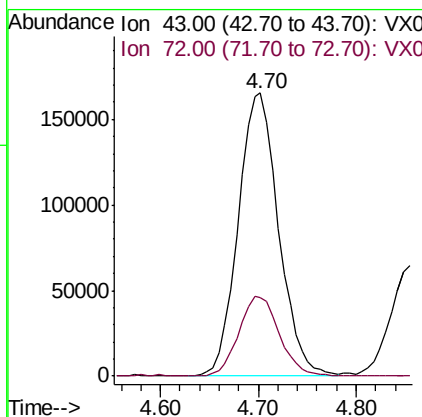
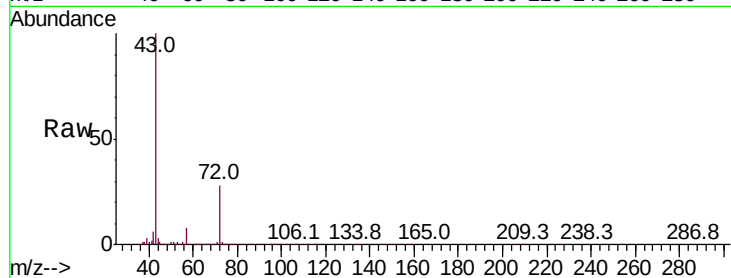
72 27.7 22.6 33.8

Manual Integrations

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MMDadoda

12/7/2018 10:42:01 AM



#26

2,2-Dichloropropane

Concen: 19.463 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006296.D

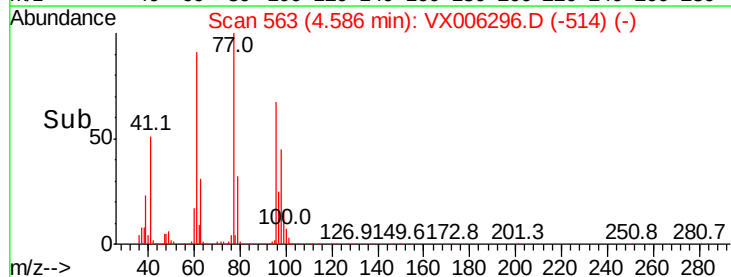
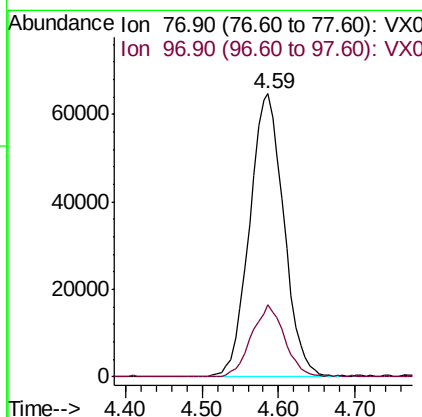
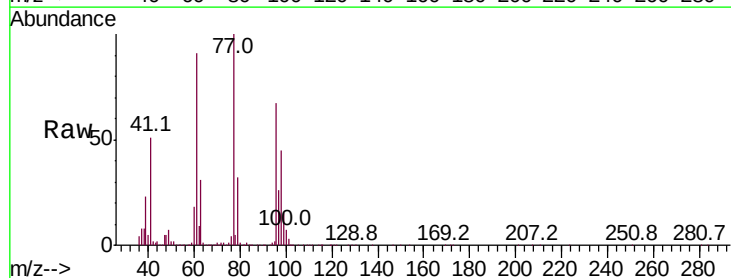
Acq: 05 Dec 2018 13:18

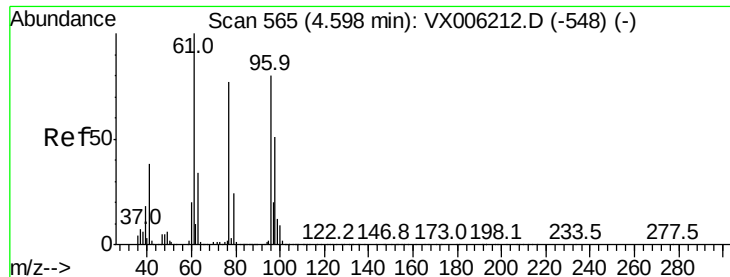
Tgt Ion: 77 Resp: 200673

Ion Ratio Lower Upper

77 100

97 25.0 12.3 36.8





#27

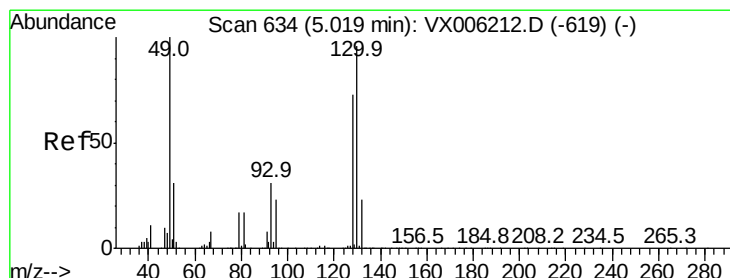
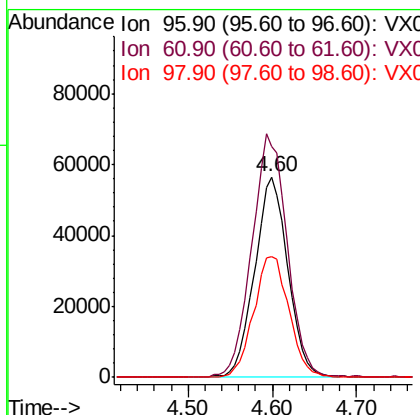
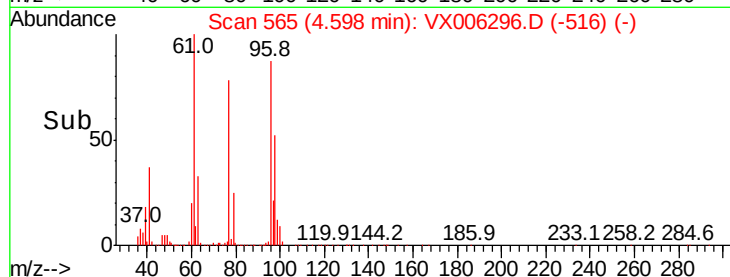
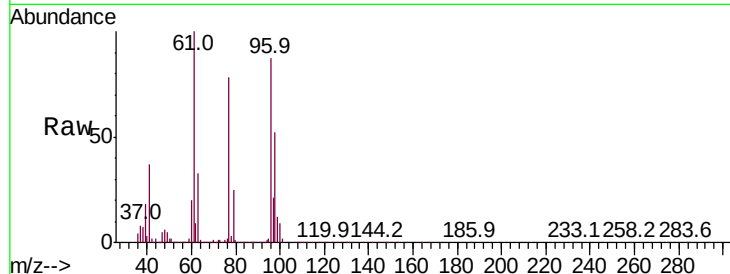
cis-1,2-Dichloroethene
Concen: 20.288 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	152764		
61	128.5	0.0	265.0	
98	63.7	0.0	130.2	

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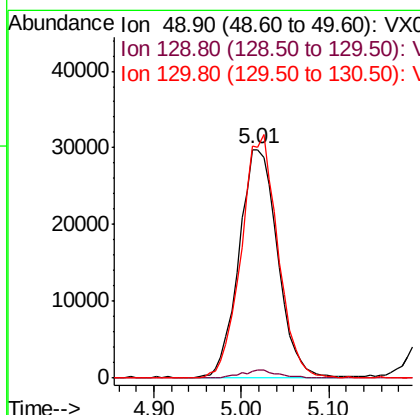
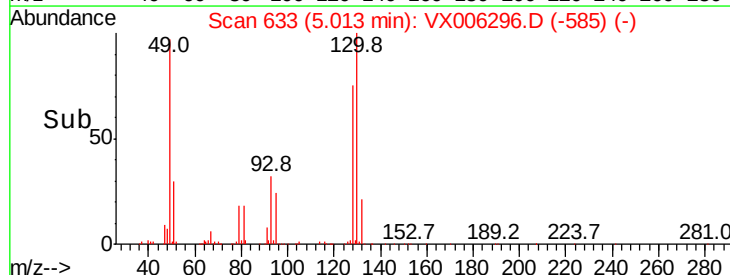
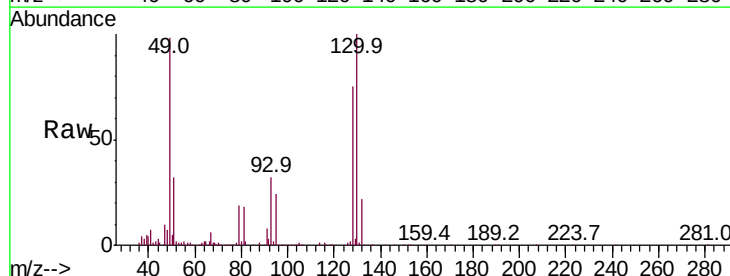
MMDadoda
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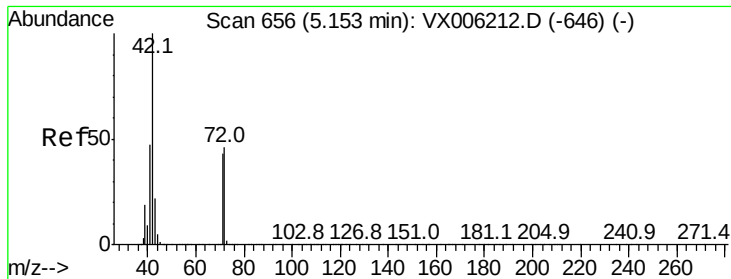


#28

Bromochloromethane
Concen: 18.796 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	91721		
129	3.2	0.0	5.0	
130	100.6	78.3	117.5	





#29

Tetrahydrofuran

Concen: 96.183 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

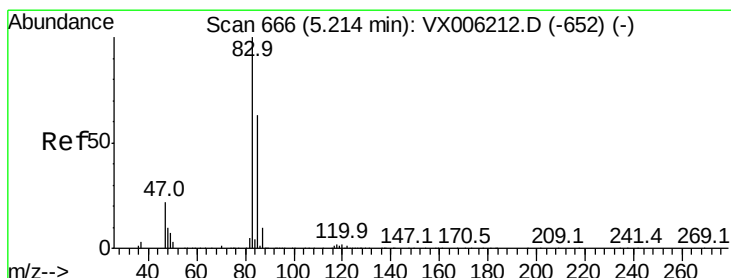
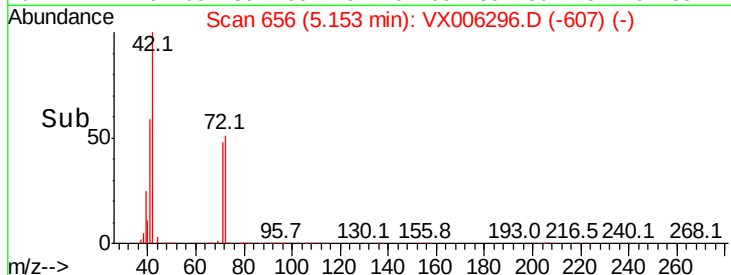
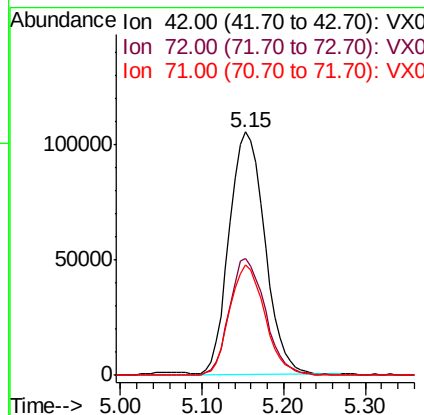
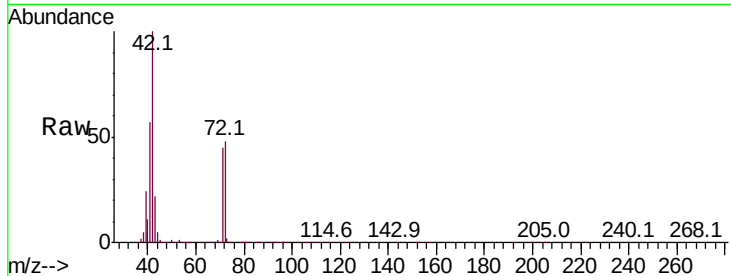
ClientSampleId :

VX1205WBS01

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

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#30

Chloroform

Concen: 20.257 ug/l

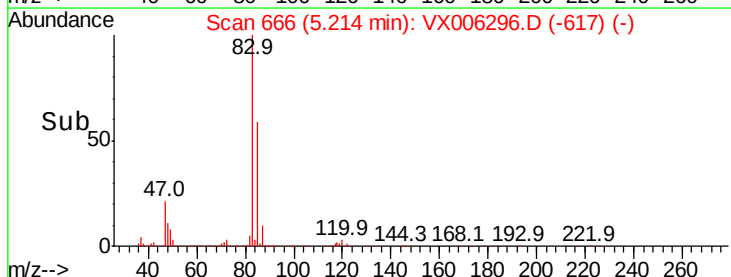
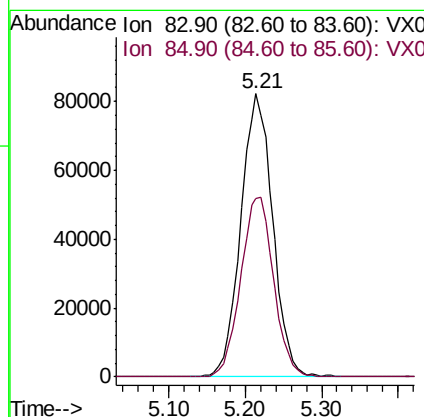
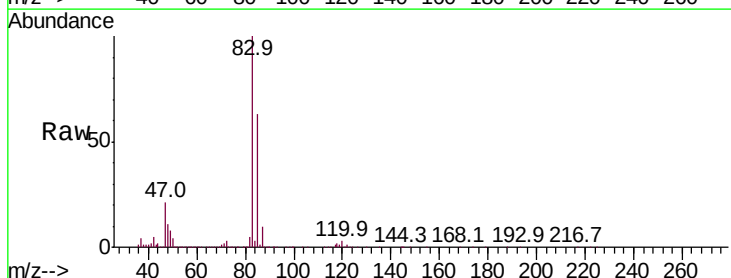
RT: 5.21 min Scan# 666

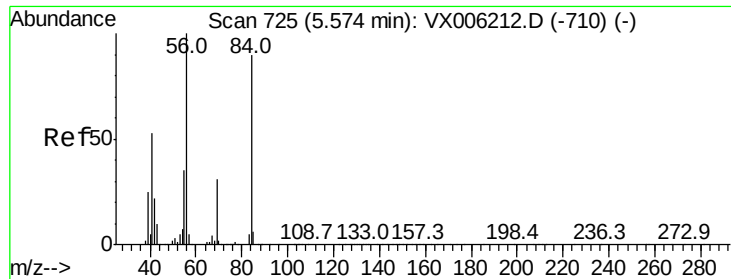
Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5





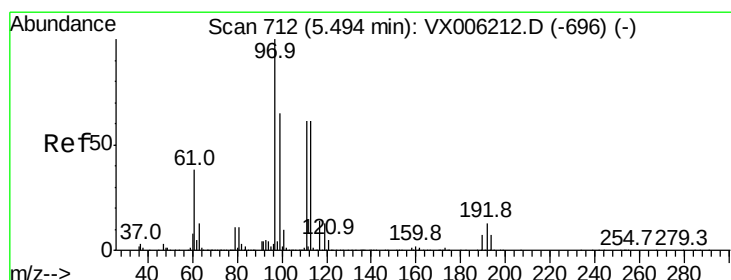
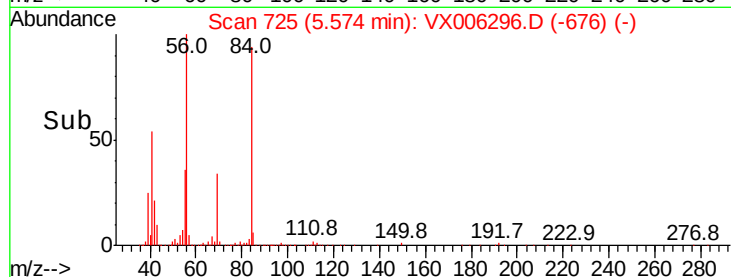
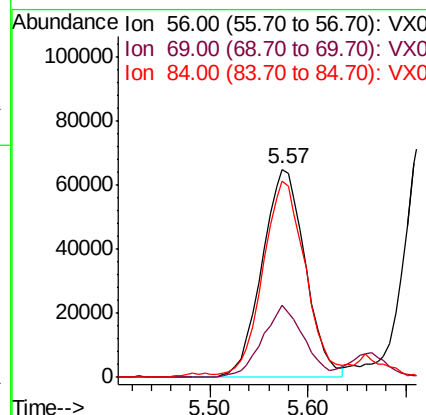
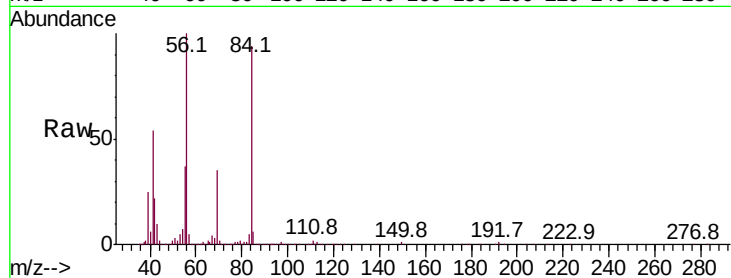
#31
Cyclohexane
Concen: 19.290 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampled :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.7	24.5	36.7
84	92.7	71.8	107.6

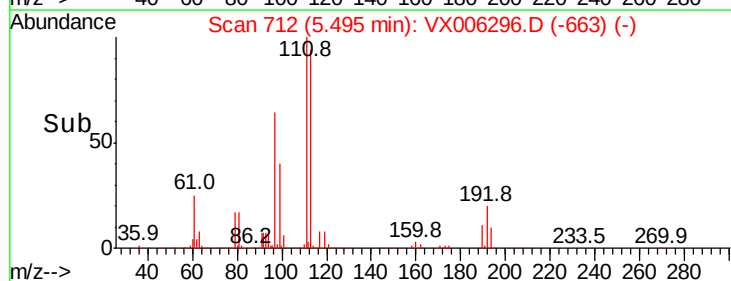
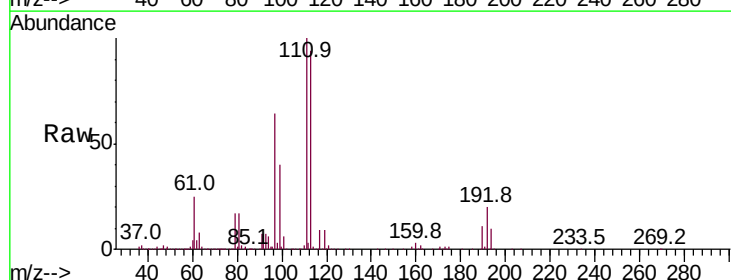
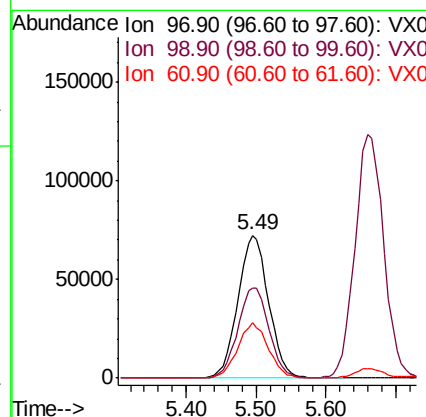
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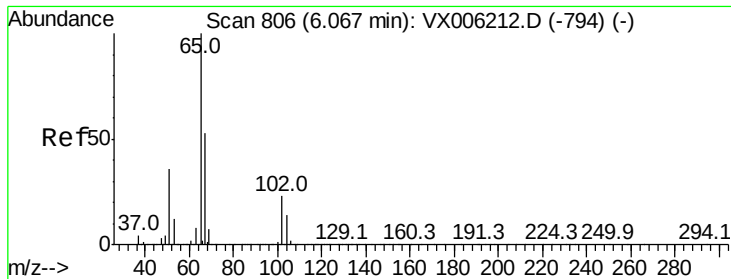
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.664 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	39.0	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 49.551 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

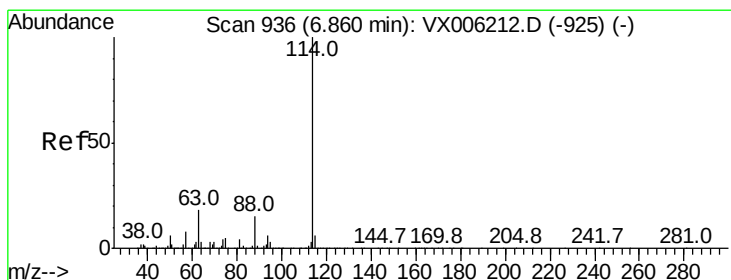
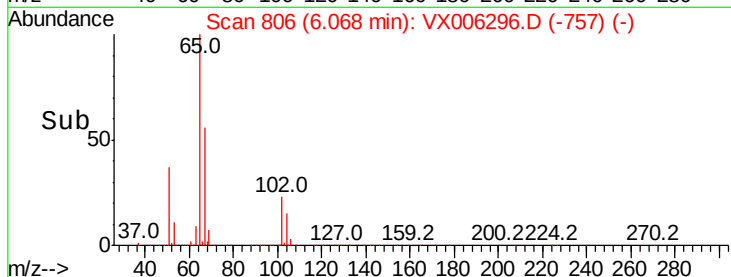
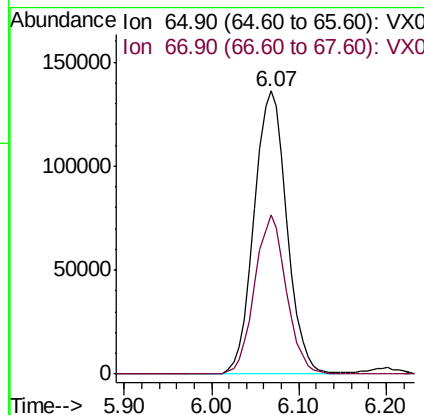
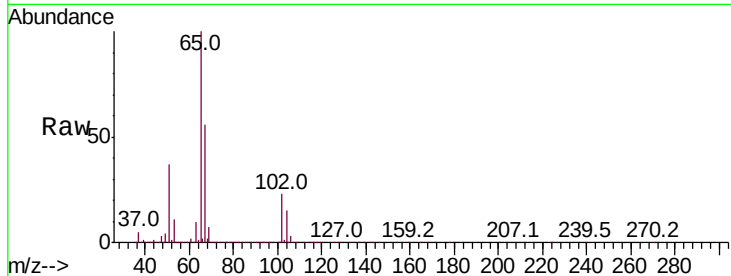
Instrument :
MSVOA_X

ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

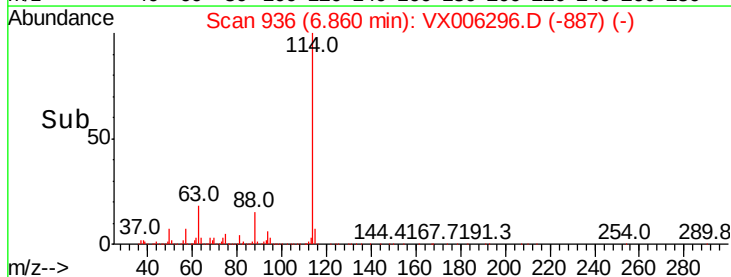
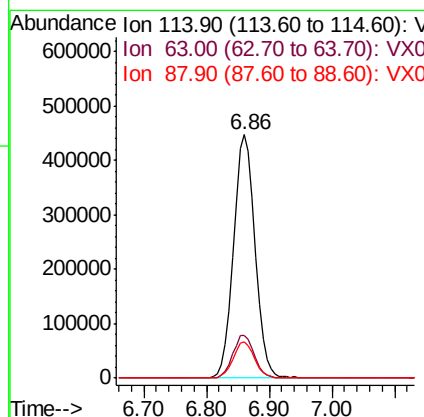
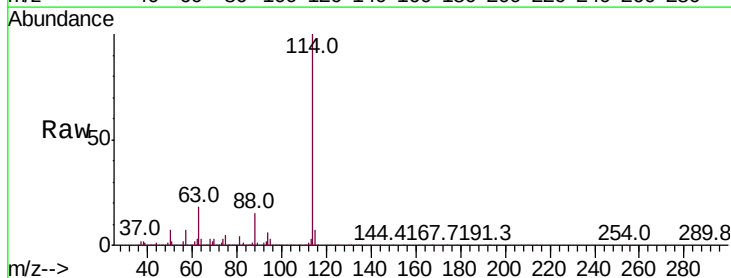
RT: 6.86 min Scan# 936

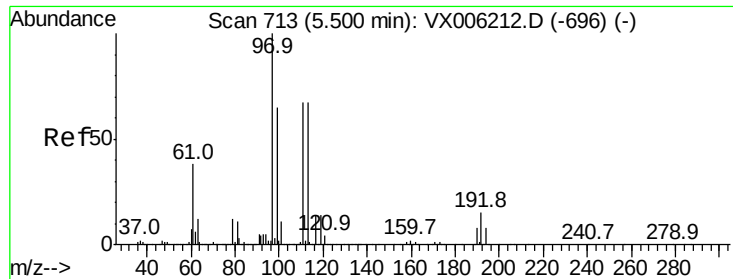
Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.6
88	15.1	0.0	29.0





#35

Dibromofluoromethane

Concen: 49.234 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

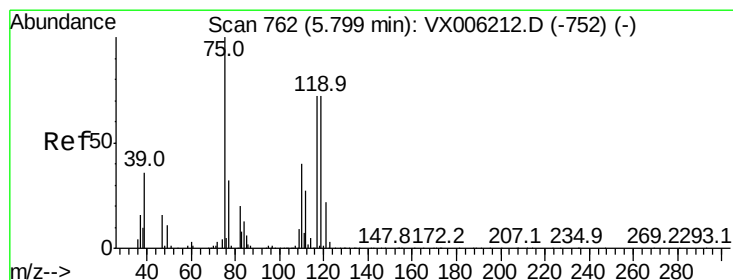
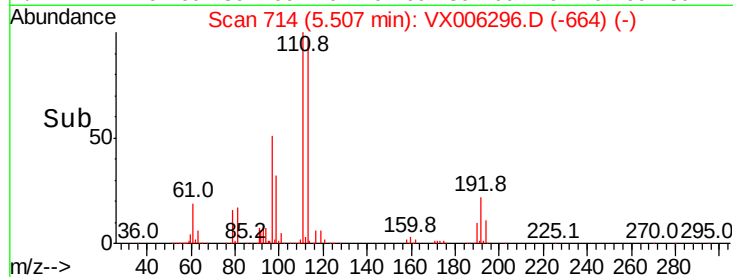
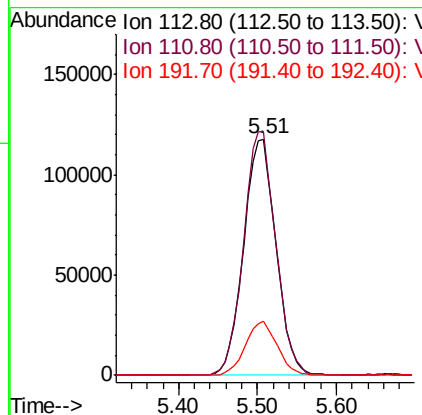
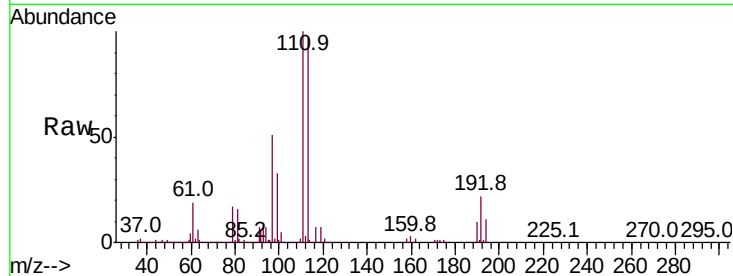
ClientSampleId :

VX1205WBS01

Tot Ion:	113	Resp:	337377
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.1	121.7
192	22.4	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 19.102 ug/l

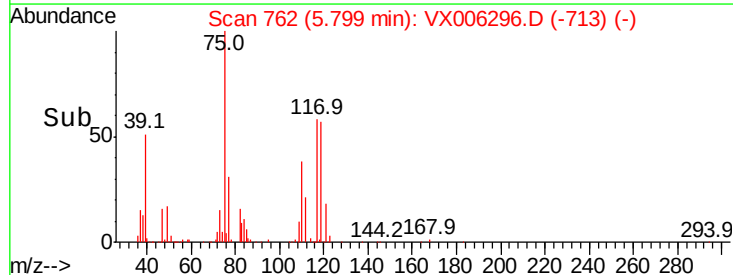
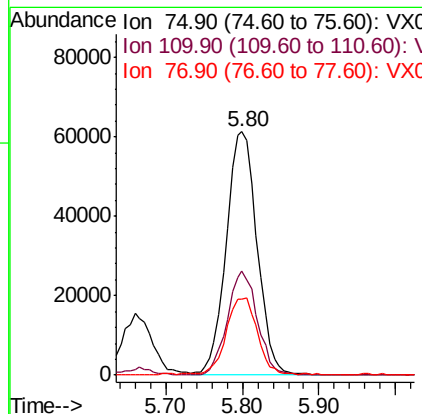
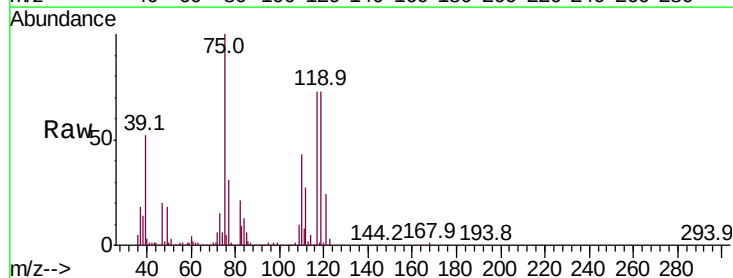
RT: 5.80 min Scan# 762

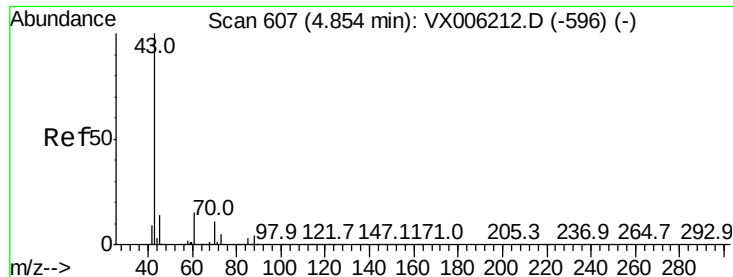
Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion:	75	Resp:	170243
Ion Ratio	Lower	Upper	
75	100		
110	41.7	20.4	61.3
77	31.5	24.9	37.3





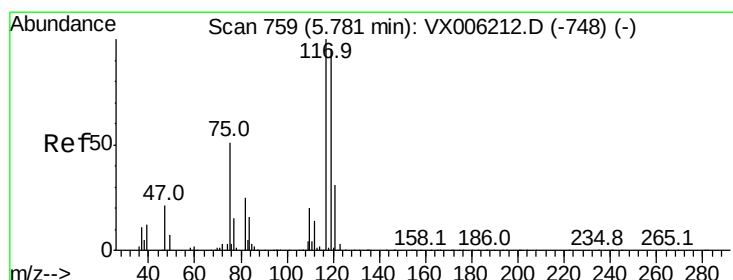
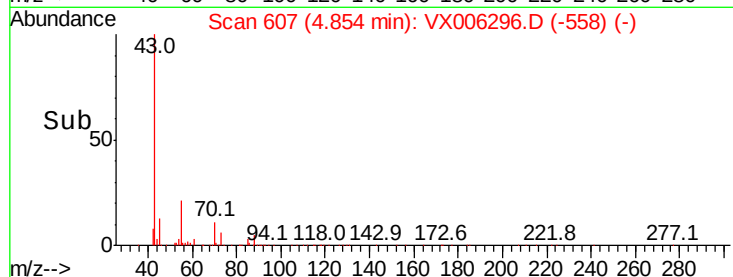
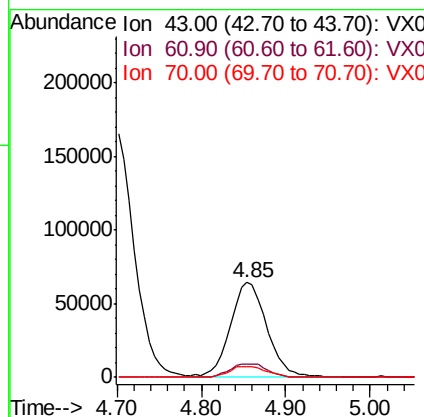
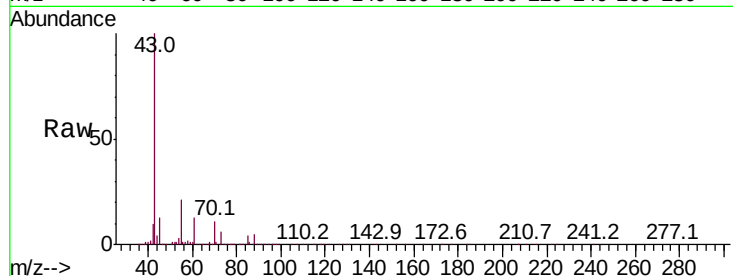
#37
Ethyl Acetate
Concen: 18.753 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.5	17.3
70	11.9	9.0	13.6

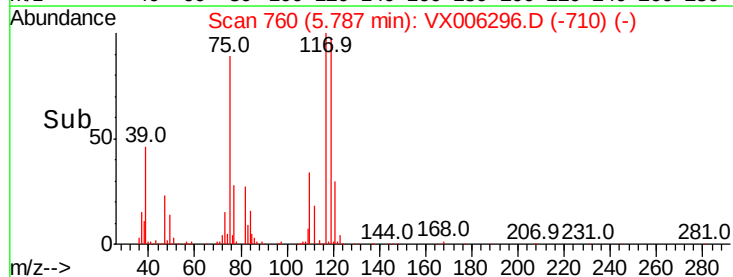
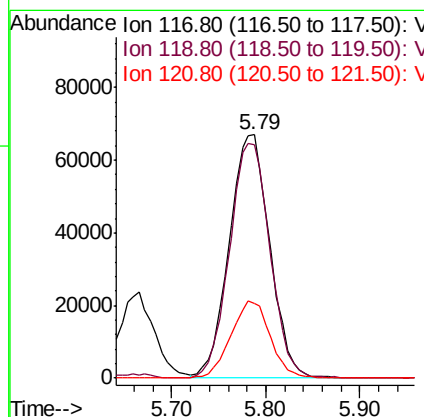
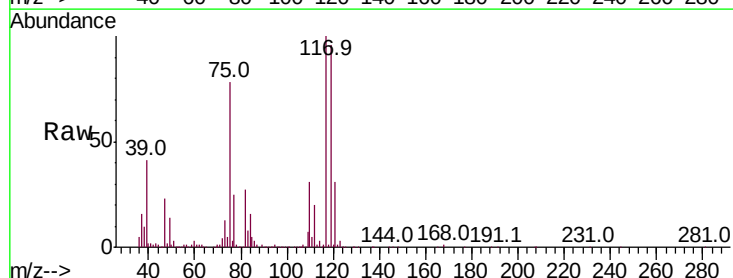
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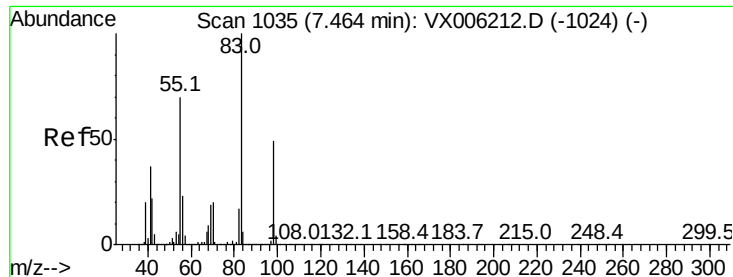
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.104 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.8
121	30.7	24.6	37.0





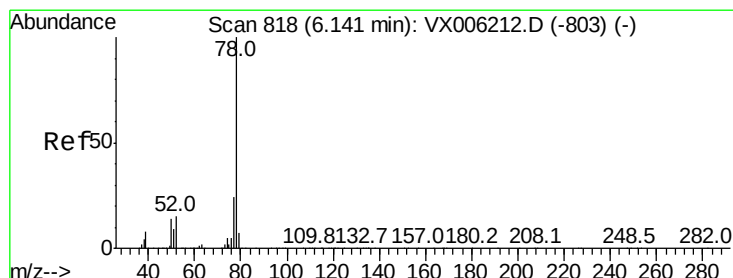
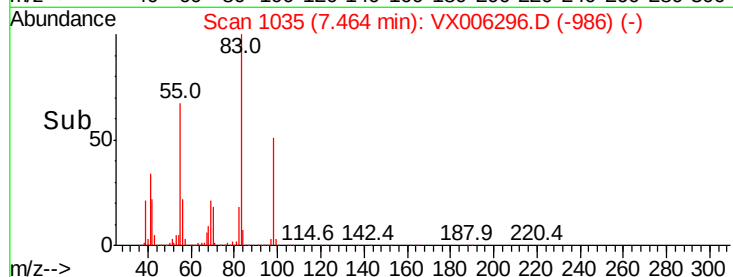
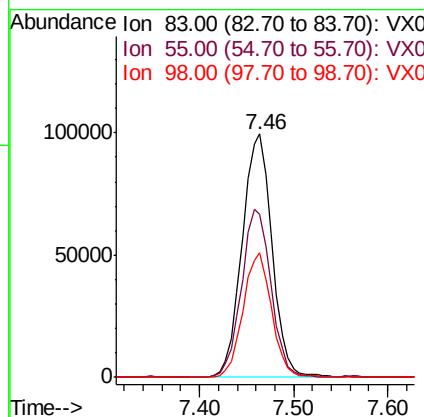
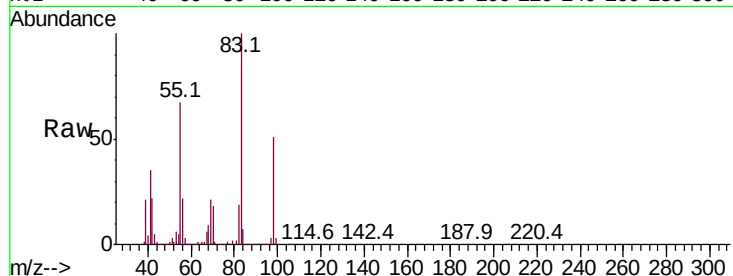
#39
Methylvlcyclohexane
Concen: 19.041 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	220285		
55	66.7		56.4	84.6
98	51.0		39.0	58.6

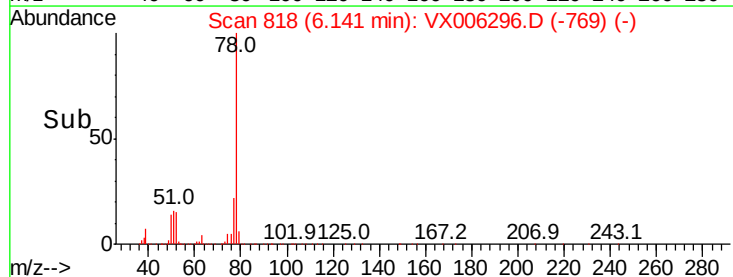
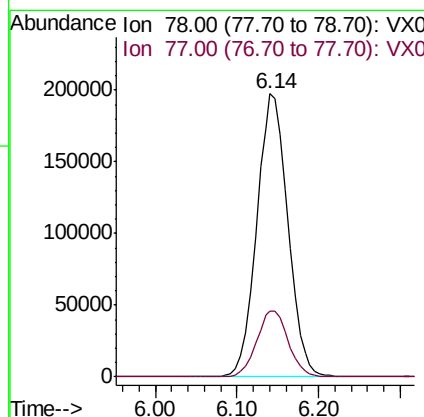
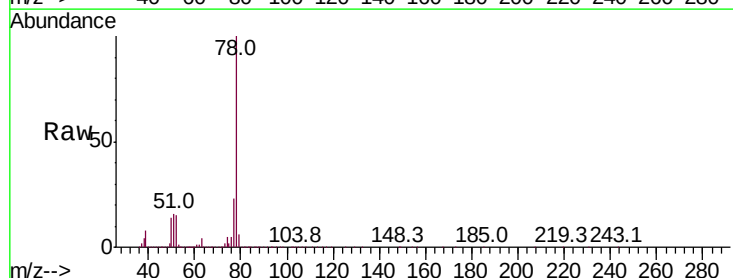
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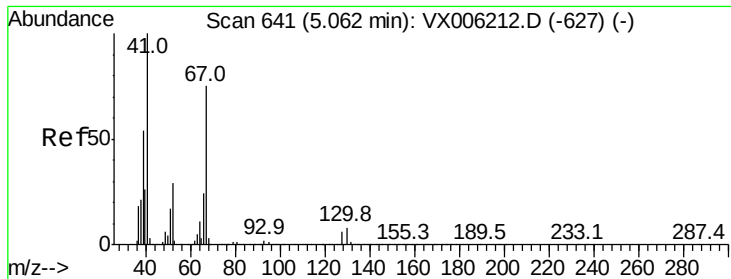
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#40
Benzene
Concen: 19.618 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	523679		
77	23.1		19.2	28.8





#41

Methacrylonitrile

Concen: 18.421 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

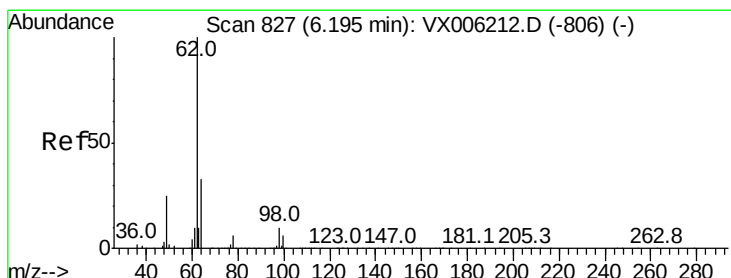
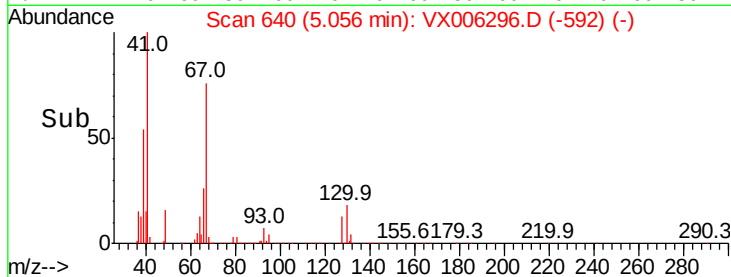
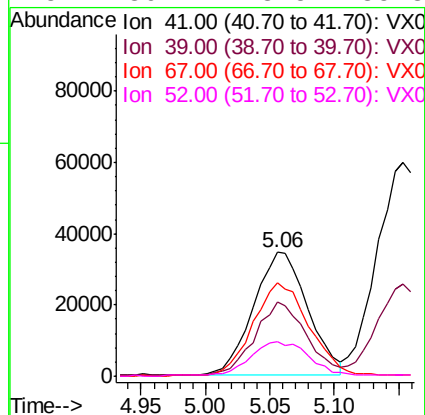
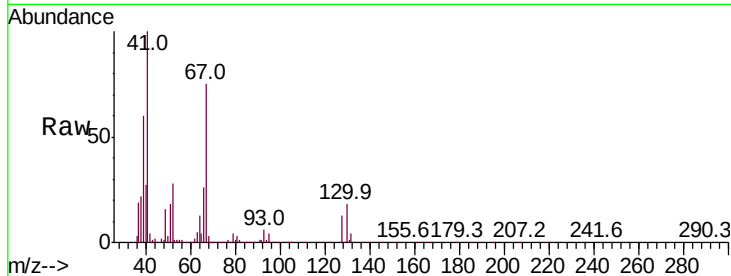
ClientSampleId :

VX1205WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.6	44.0	66.0
67	78.4	61.4	92.0
52	30.1	23.5	35.3

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#42

1,2-Dichloroethane

Concen: 19.896 ug/l

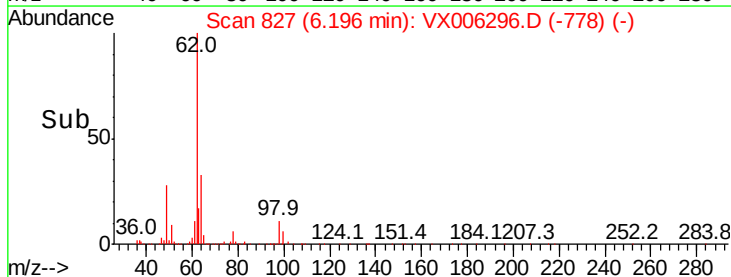
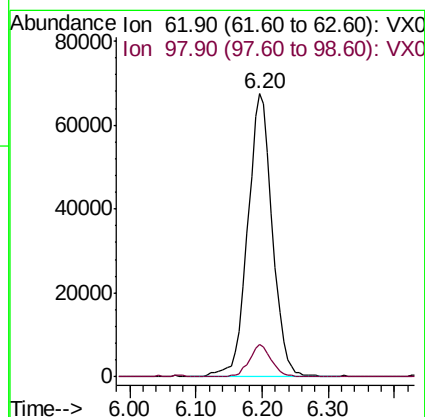
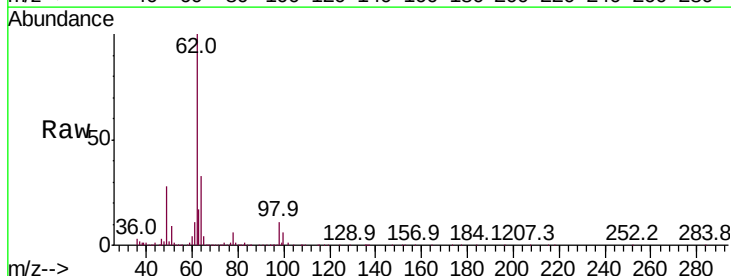
RT: 6.20 min Scan# 827

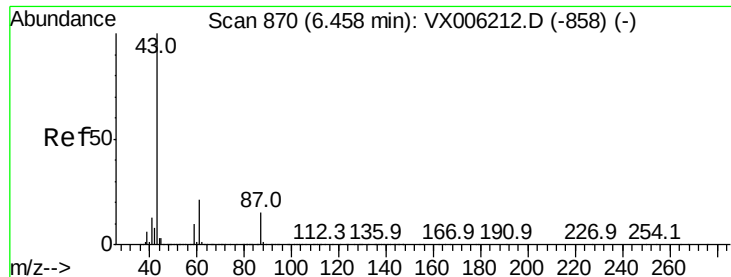
Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2





#43

Isopropyl Acetate

Concen: 18.233 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

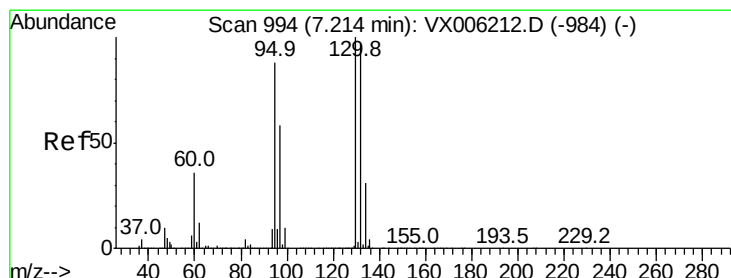
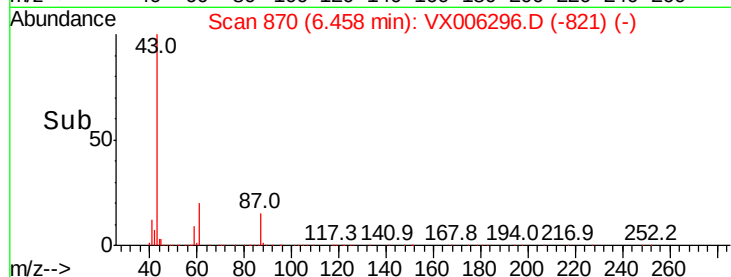
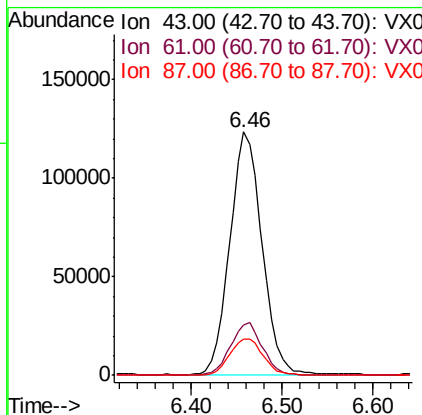
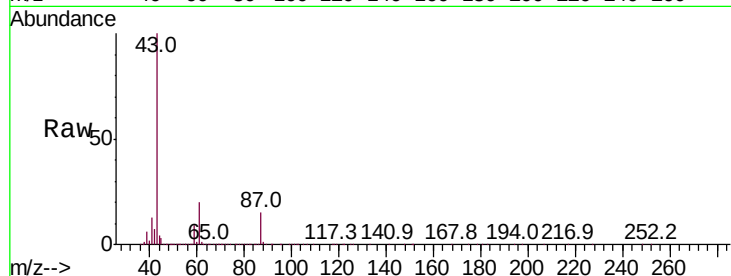
ClientSampleId :

VX1205WBS01

Tot Ion:	43	Resp:	303409
Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.8	25.2
87	15.8	11.9	17.9

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#44

Trichloroethene

Concen: 19.486 ug/l

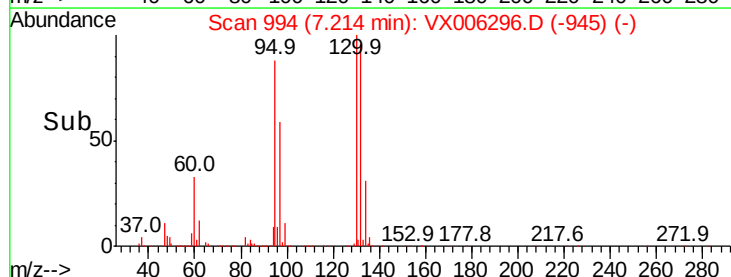
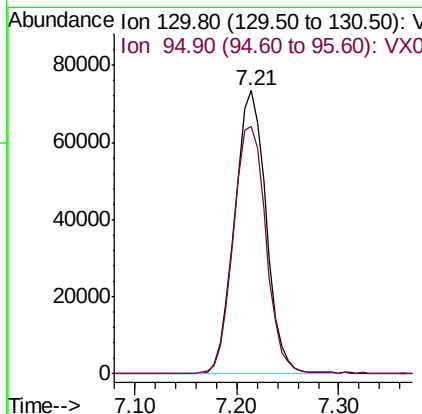
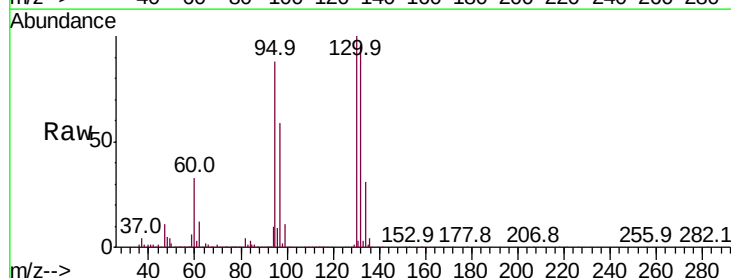
RT: 7.21 min Scan# 994

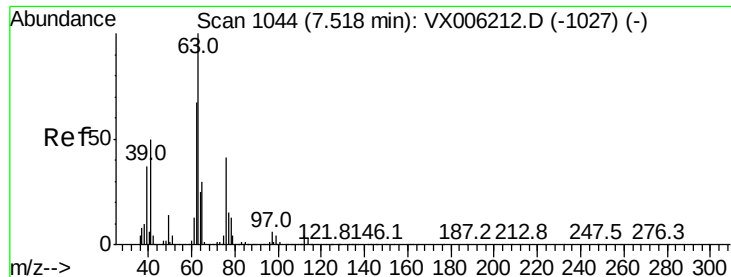
Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion:	130	Resp:	157576
Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	175.8





#45

1,2-Dichloropropane

Concen: 19.520 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampled :

VX1205WBS01

Tot Ion: 63 Resp: 132433

Ion Ratio Lower Upper

63 100

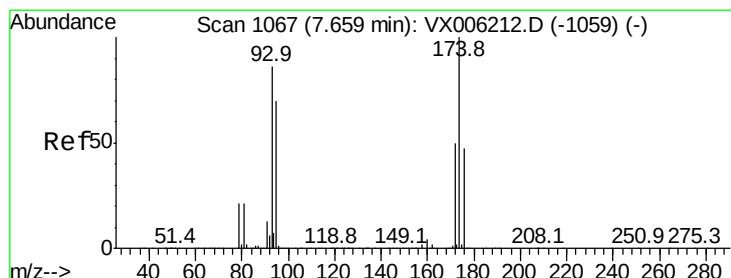
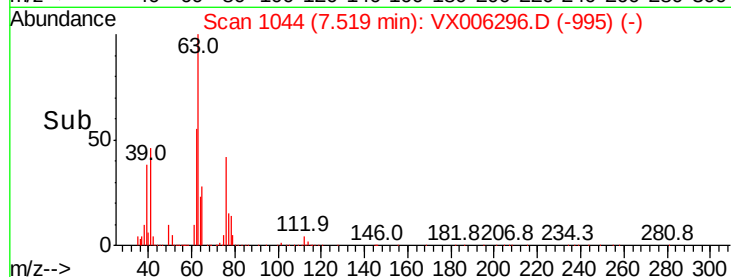
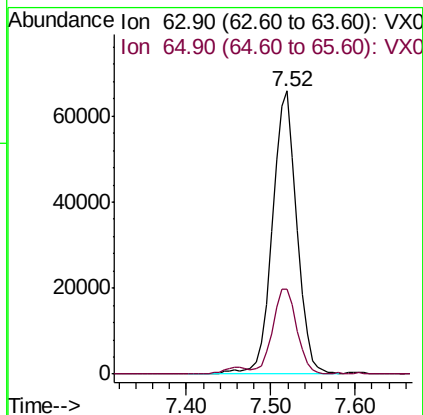
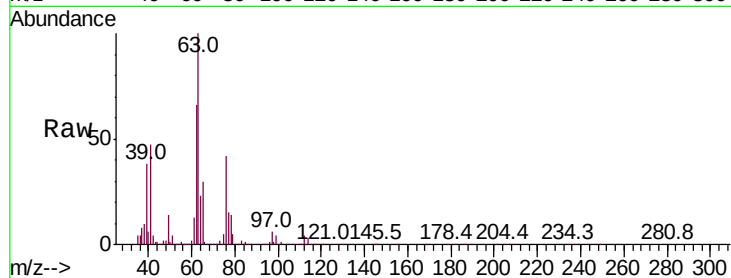
65 29.8 24.3 36.5

Manual Integrations

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12/7/2018 10:42:01 AM



#46

Dibromomethane

Concen: 19.544 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

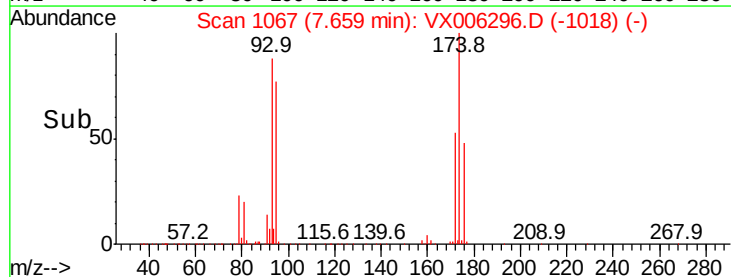
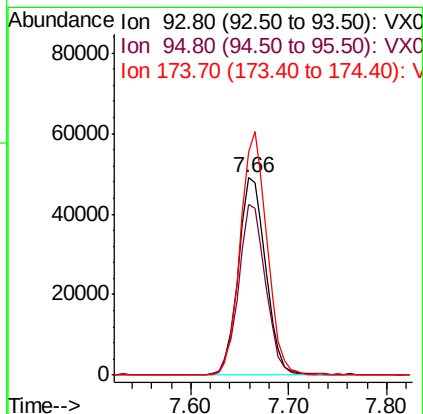
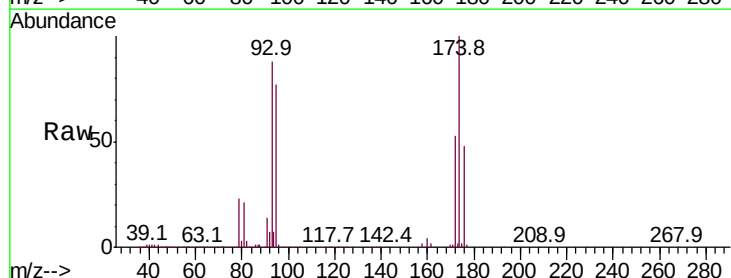
Tgt Ion: 93 Resp: 95762

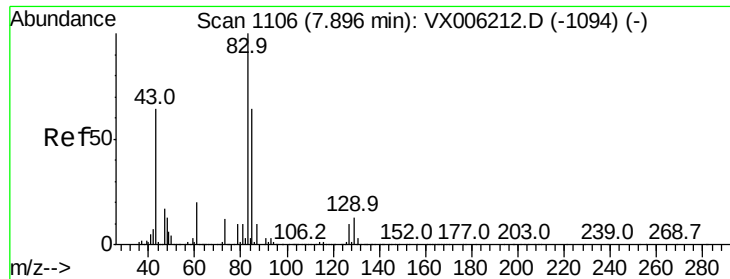
Ion Ratio Lower Upper

93 100

95 85.4 66.2 99.4

174 119.1 97.2 145.8





#47

Bromodichloromethane

Concen: 18.950 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

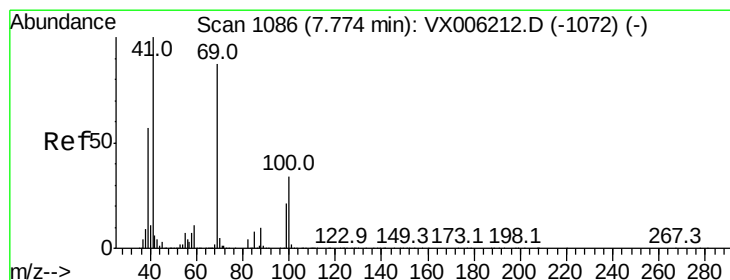
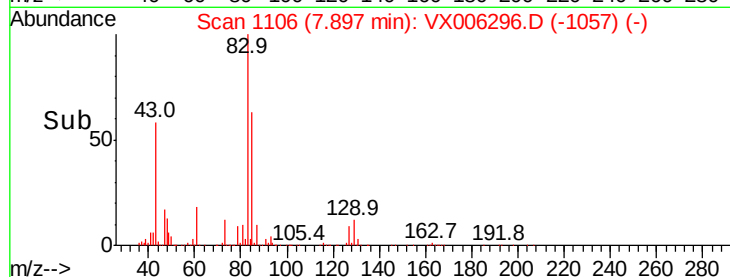
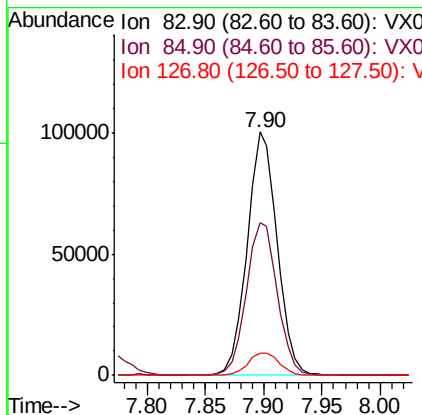
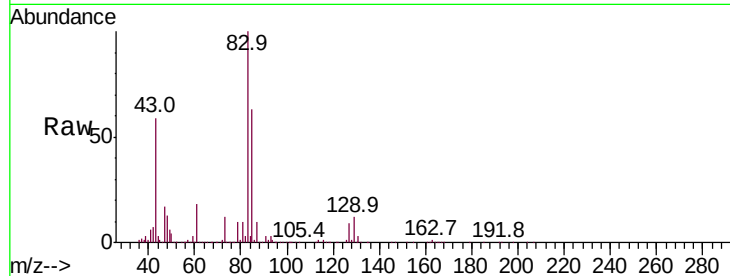
ClientSampled :

VX1205WBS01

Tot Ion:	83	Resp:	179811
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.4	77.0
127	9.2	7.9	11.9

Manual Integrations
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12/7/2018 10:42:01 AM



#48

Methyl methacrylate

Concen: 18.398 ug/l

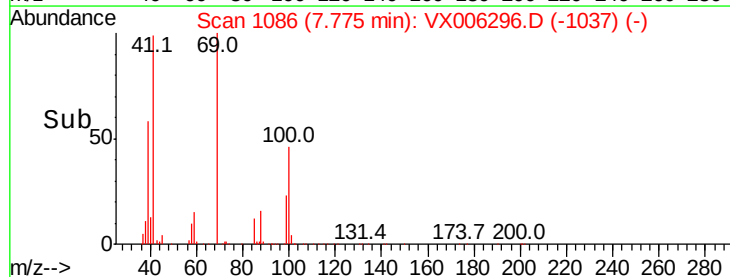
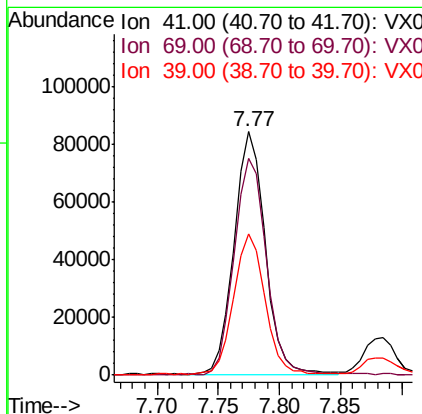
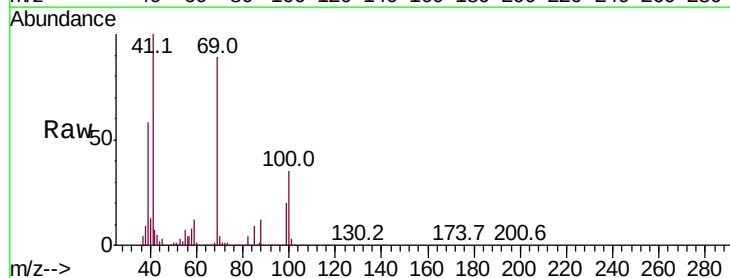
RT: 7.77 min Scan# 1086

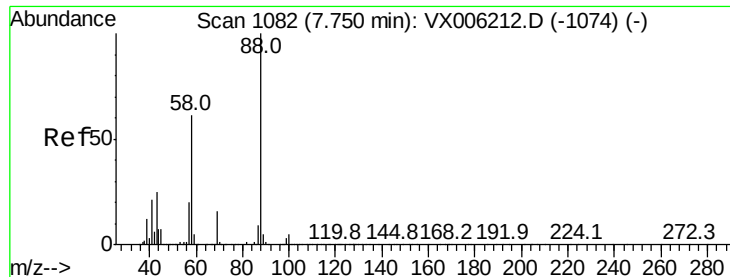
Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion:	41	Resp:	148947
Ion	Ratio	Lower	Upper
41	100		
69	92.4	70.3	105.5
39	57.6	45.3	67.9





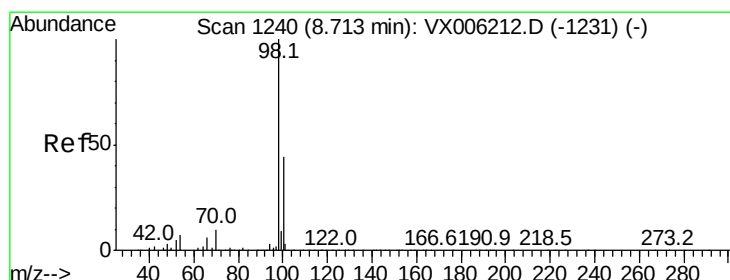
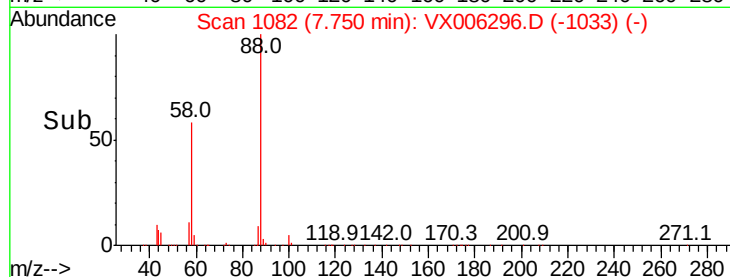
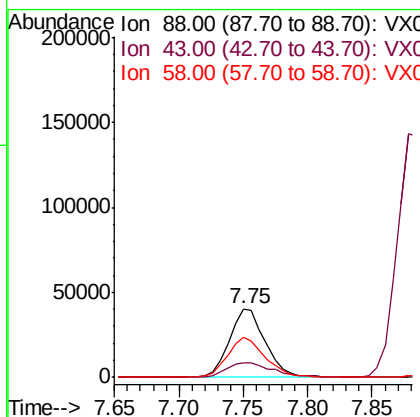
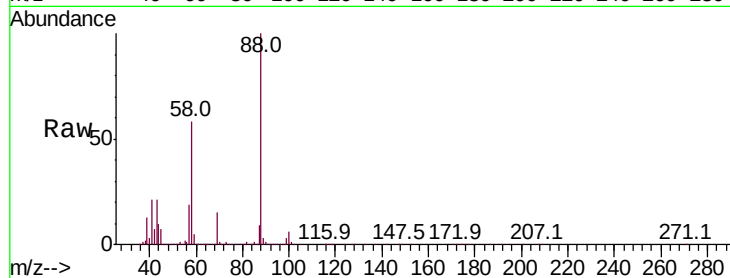
#49
1,4-Dioxane
Concen: 389.026 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.1	23.2	34.8
58	63.2	51.4	77.0

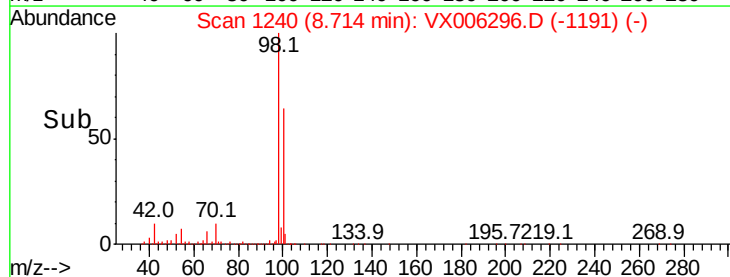
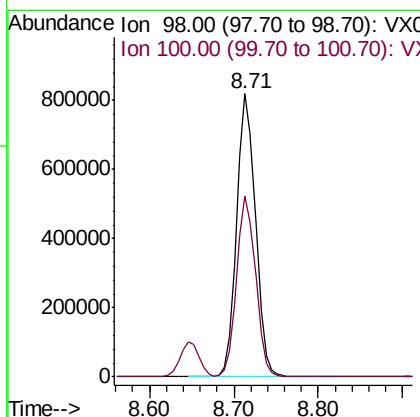
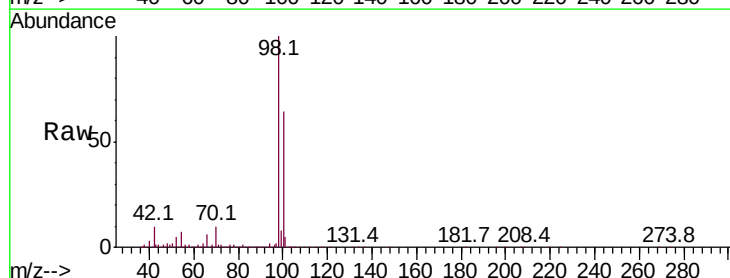
Manual Integrations
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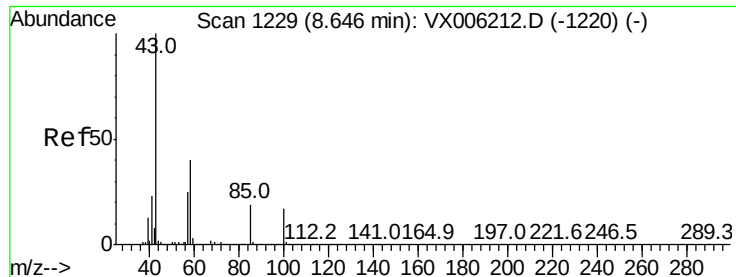
MMDadoda
12/7/2018 10:42:01 AM



#50
Toluene-d8
Concen: 49.353 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.2





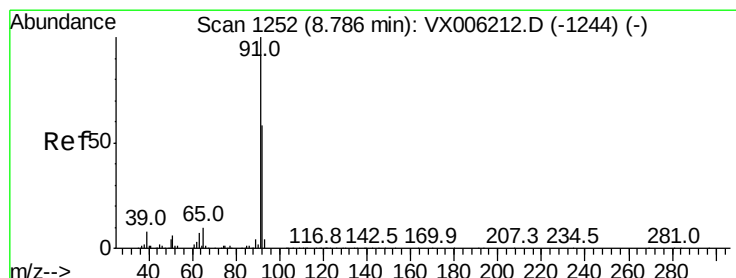
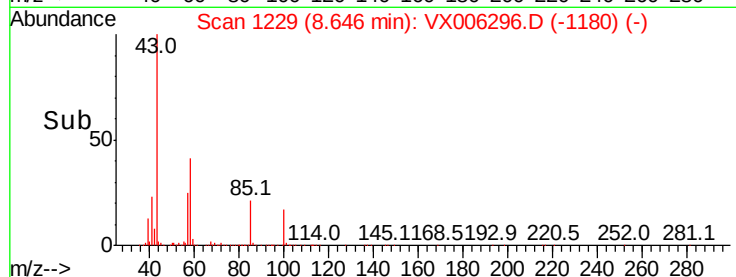
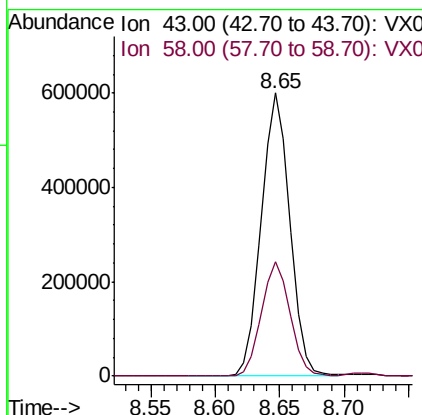
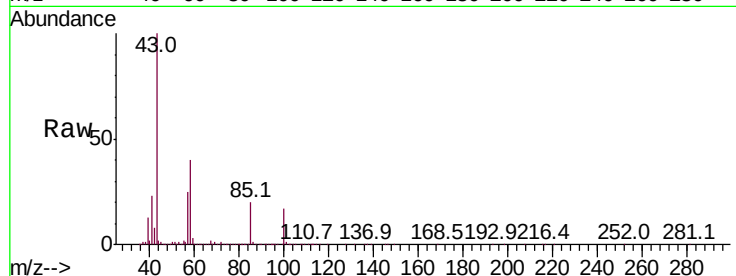
#51
4-Methyl-2-Pentanone
Concen: 94.896 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.3	31.3	46.9

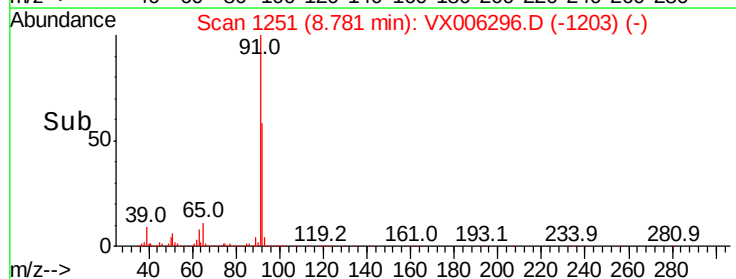
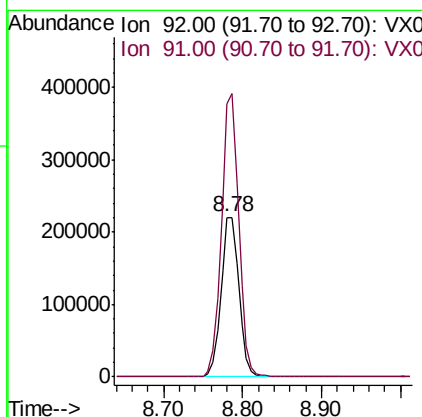
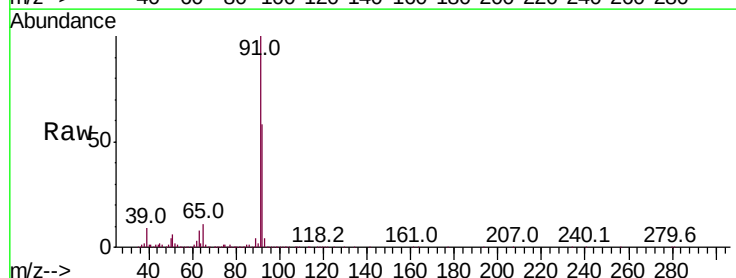
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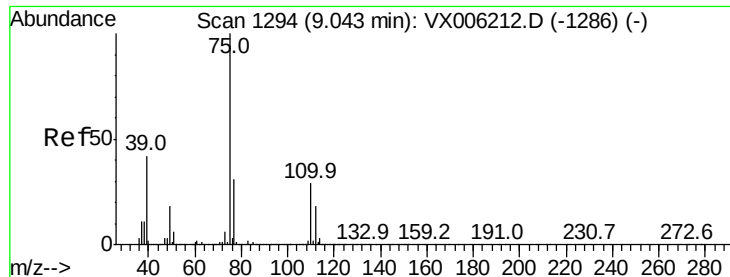
MMDadoda
12/7/2018 10:42:01 AM



#52
Toluene
Concen: 19.765 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.2	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 18.270 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 75 Resp: 202735

Ion Ratio Lower Upper

75 100

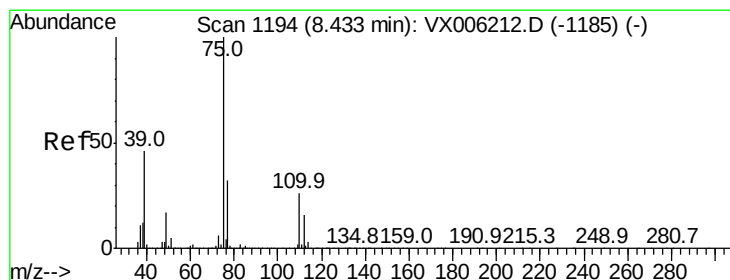
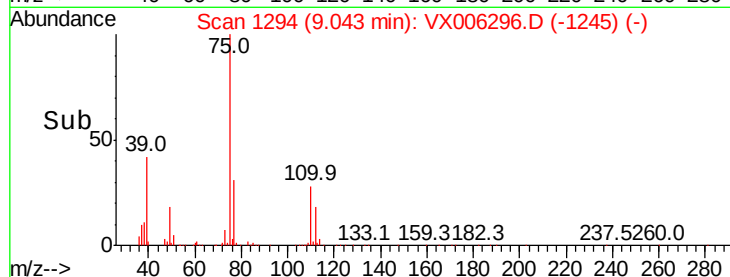
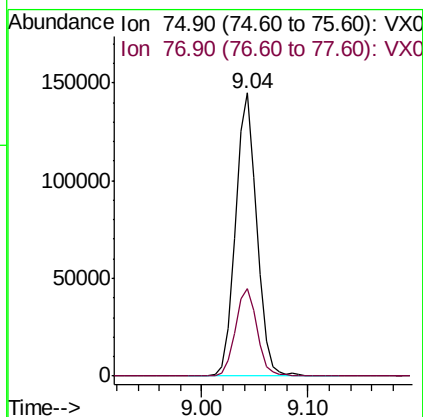
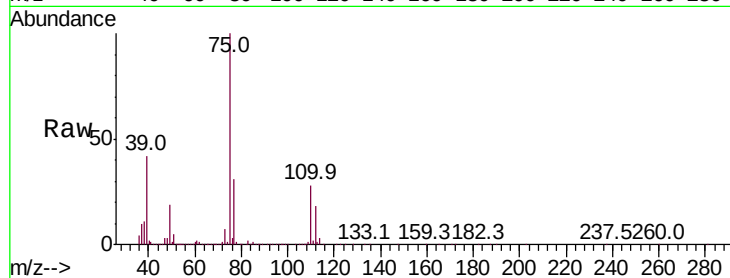
77 30.8 25.0 37.4

Manual Integrations

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12/7/2018 10:42:01 AM



#54

cis-1,3-Dichloropropene

Concen: 18.697 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

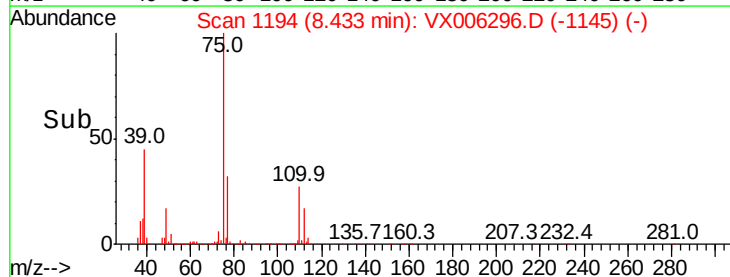
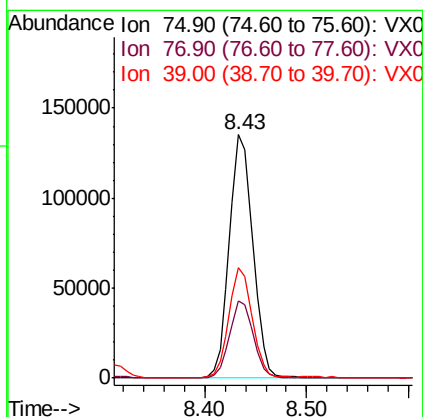
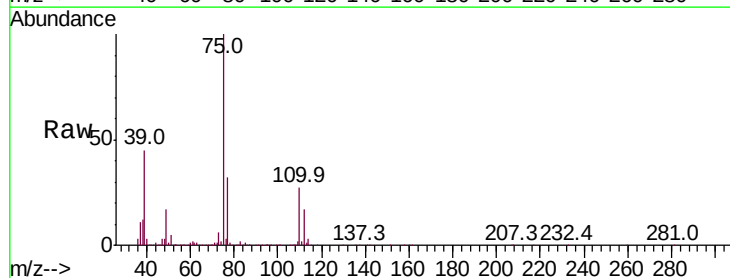
Tgt Ion: 75 Resp: 215442

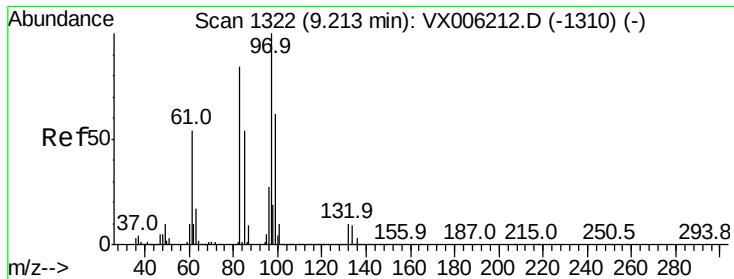
Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4

39 45.2 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 19.999 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 97 Resp: 142682

Ion Ratio Lower Upper

97 100

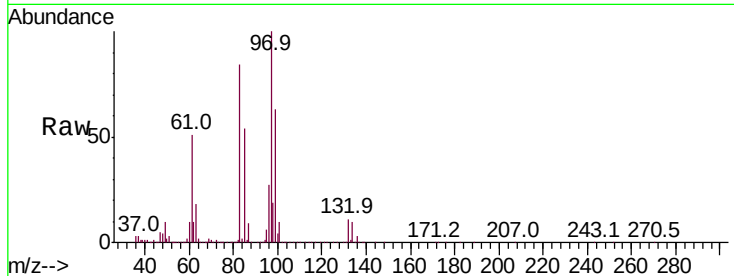
83 83.7 67.1 100.7

85 53.4 43.2 64.8

99 62.8 49.8 74.6

Manual Integrations
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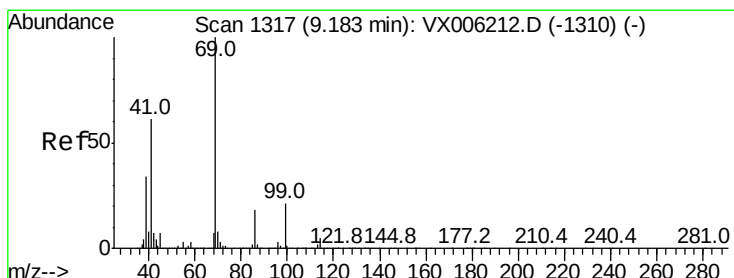
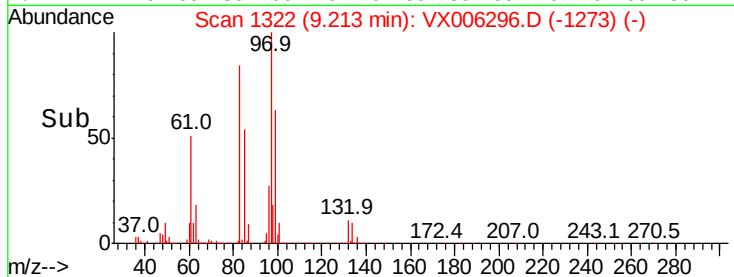
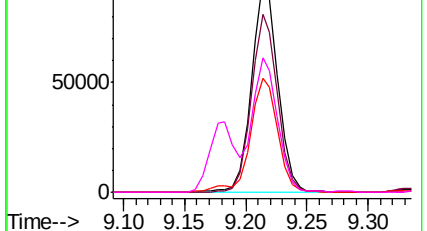


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.482 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

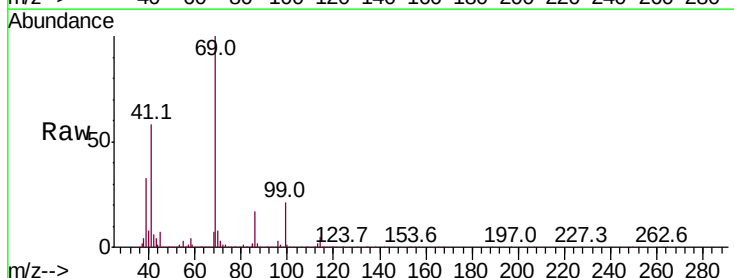
Tgt Ion: 69 Resp: 217296

Ion Ratio Lower Upper

69 100

41 60.9 50.6 76.0

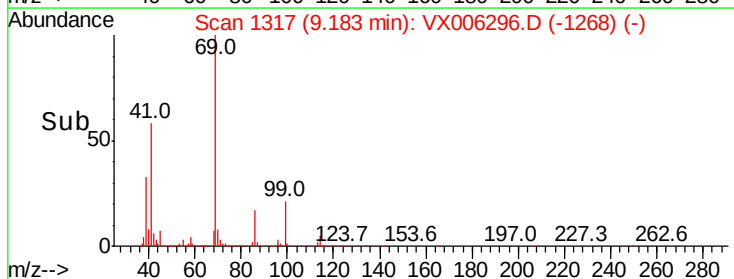
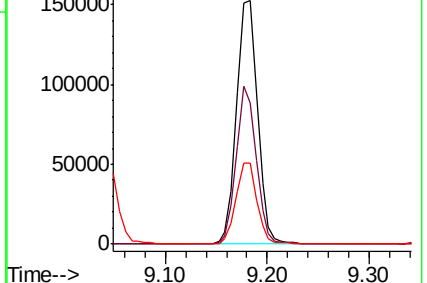
39 32.5 27.6 41.4

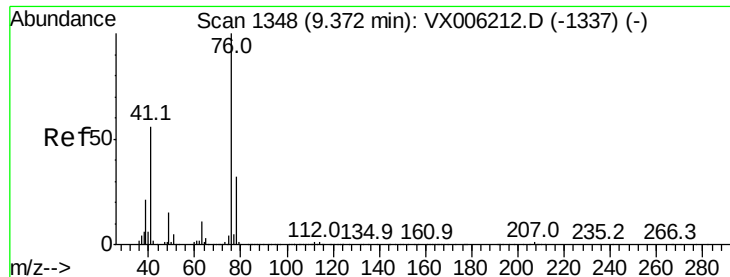


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.047 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006296.D

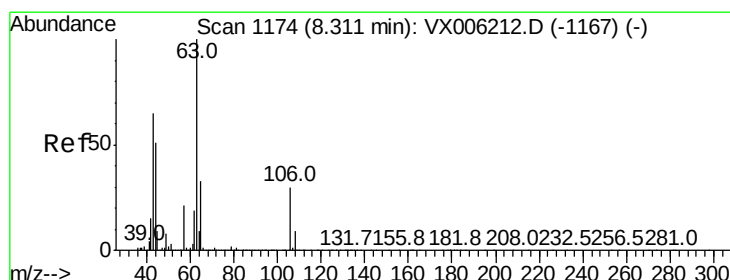
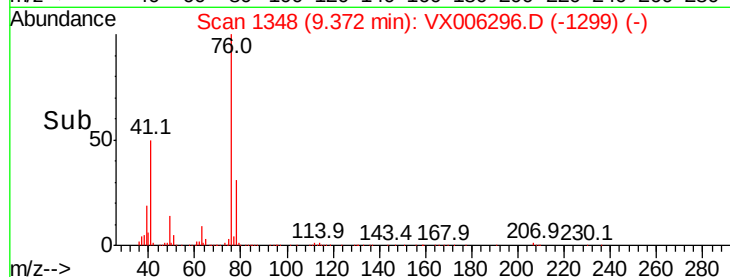
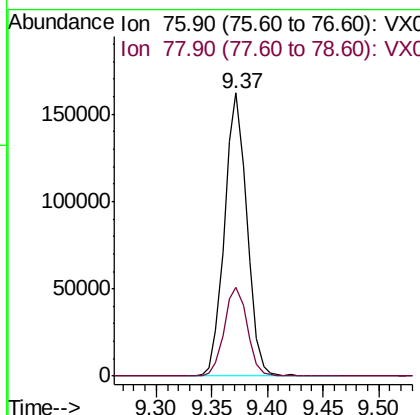
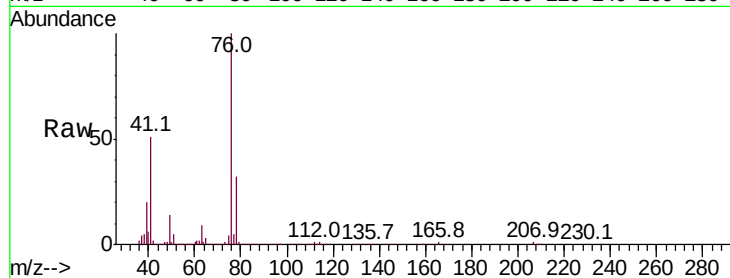
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.1	39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 95.949 ug/l

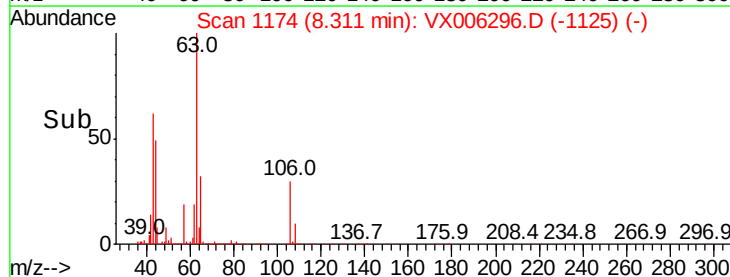
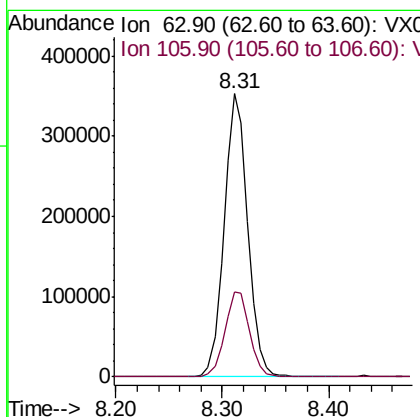
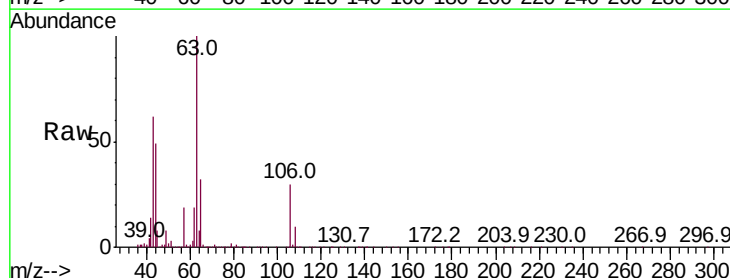
RT: 8.31 min Scan# 1174

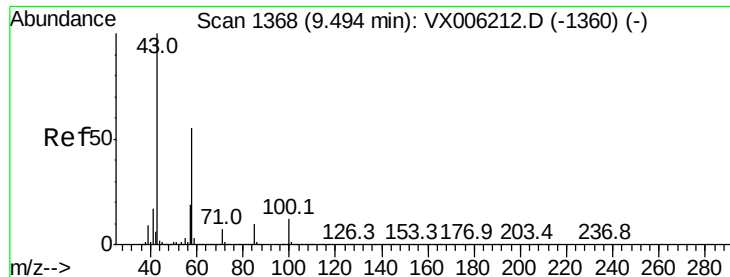
Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.4	24.9	37.3





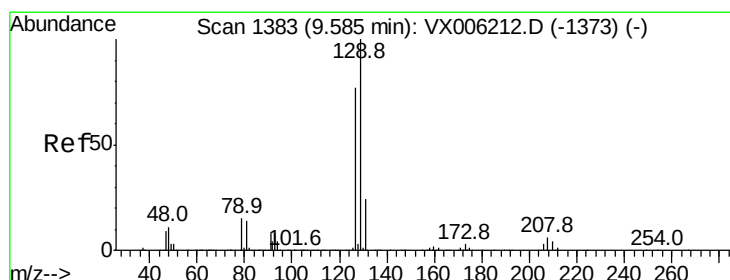
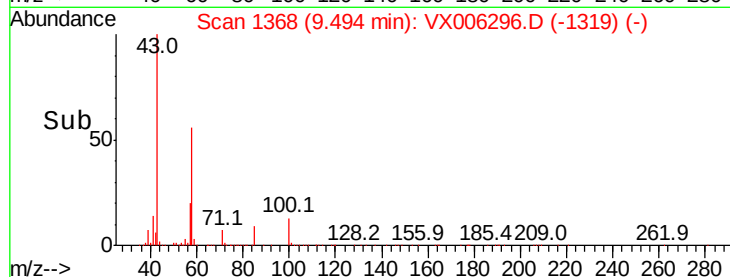
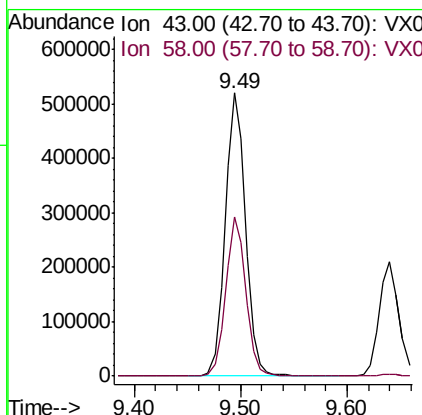
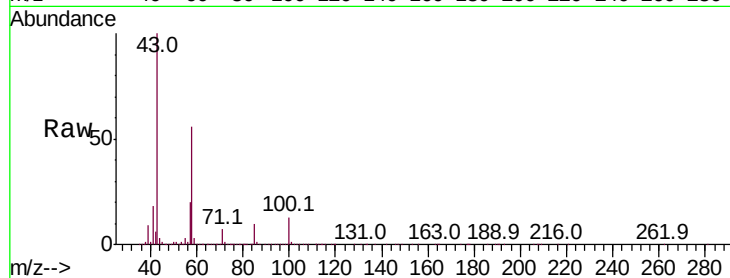
#59
2-Hexanone
Concen: 93.625 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion: 43 Resp: 692938
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.1

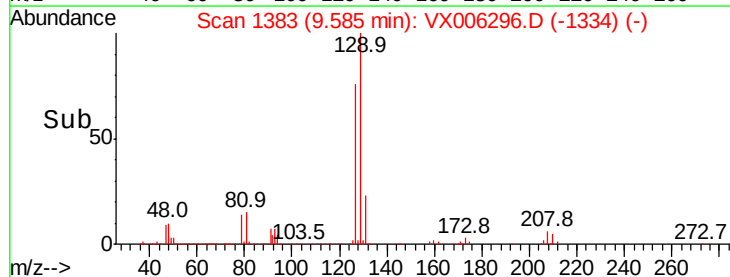
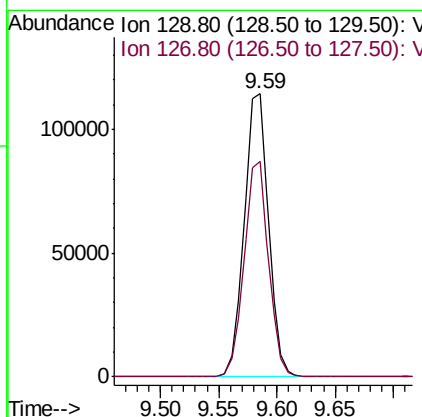
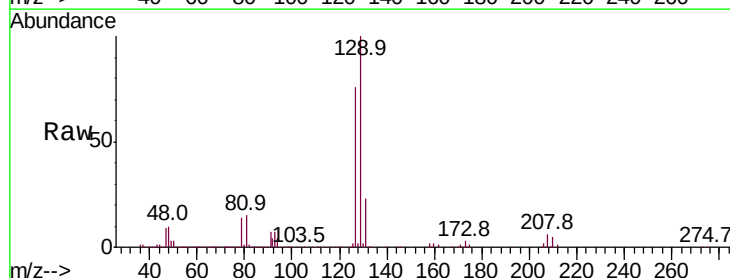
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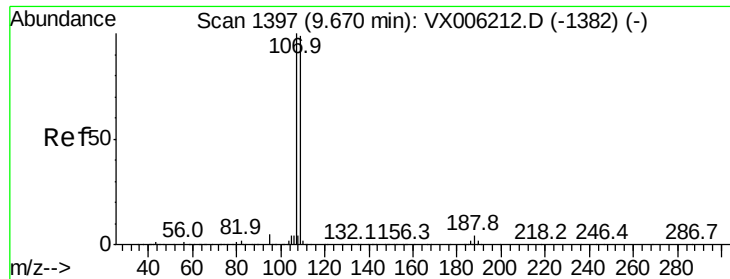
MMDadoda
12/7/2018 10:42:01 AM



#60
Dibromochloromethane
Concen: 19.071 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion: 129 Resp: 167777
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.442 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 107 Resp: 155102

Ion Ratio Lower Upper

107 100

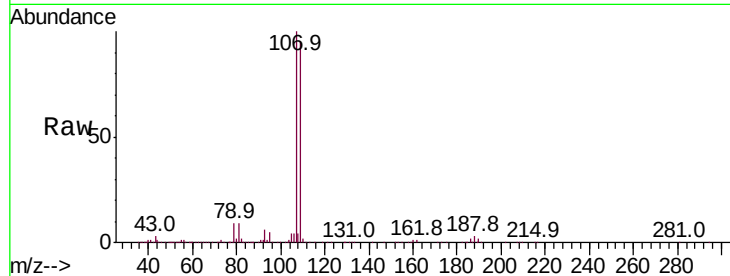
109 95.6 76.3 114.5

Manual Integrations

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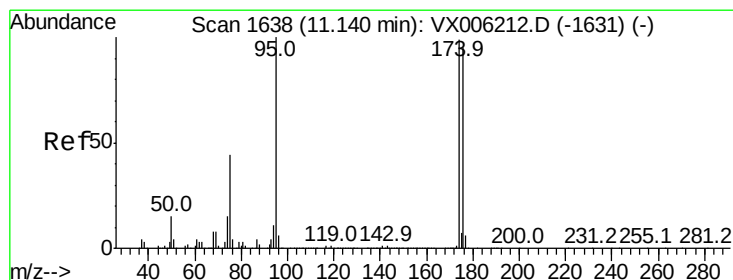
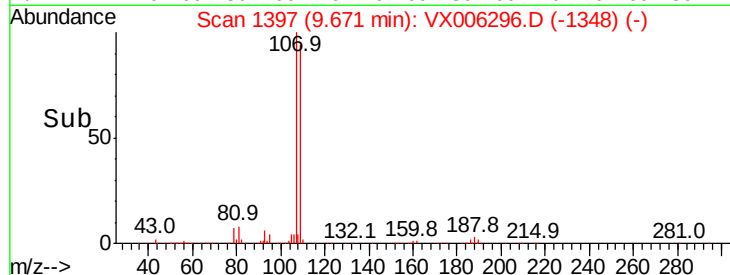
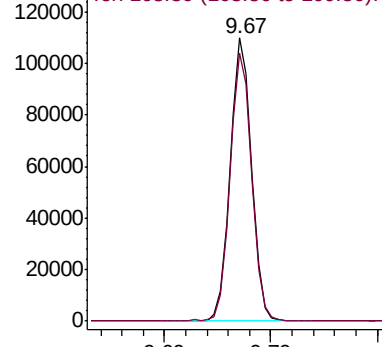
MMDadoda

12/7/2018 10:42:01 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.876 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

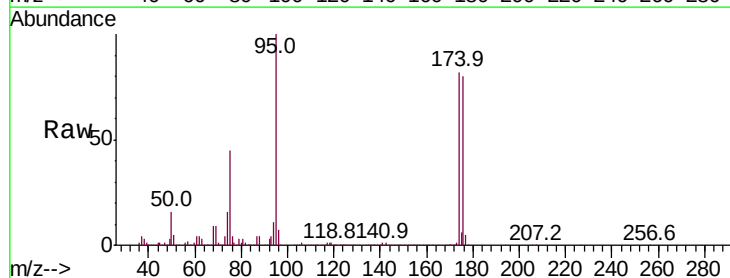
Tgt Ion: 95 Resp: 459078

Ion Ratio Lower Upper

95 100

174 90.9 0.0 187.0

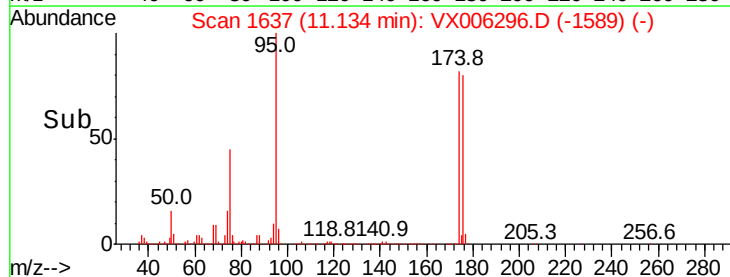
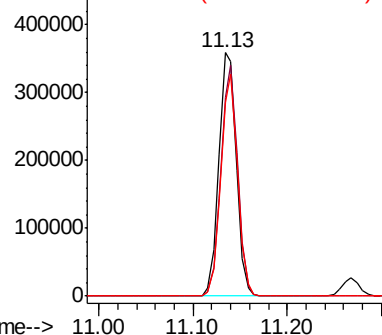
176 87.8 0.0 181.8

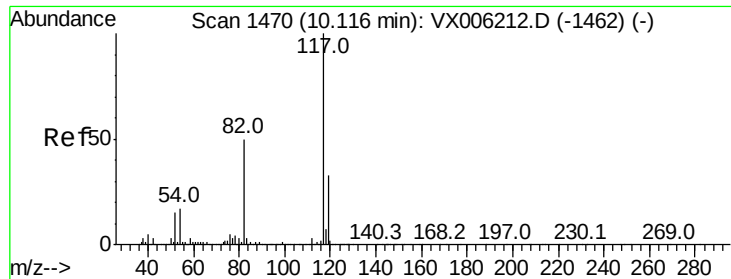


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





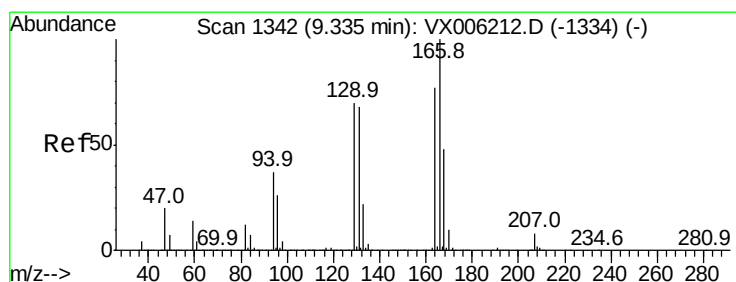
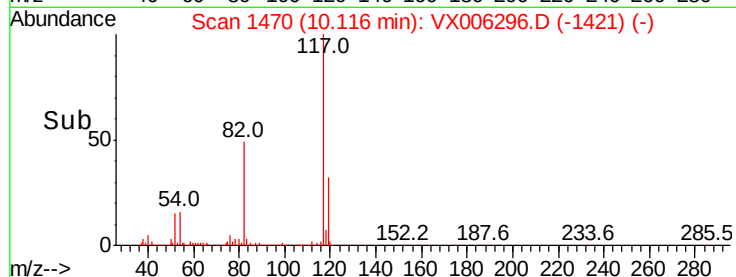
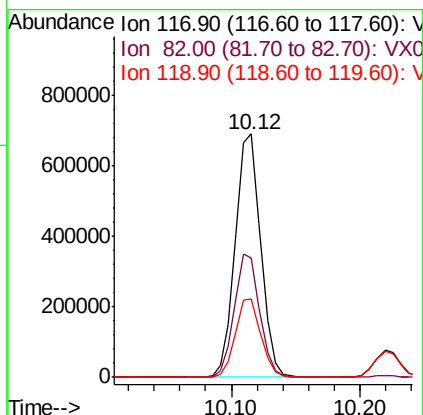
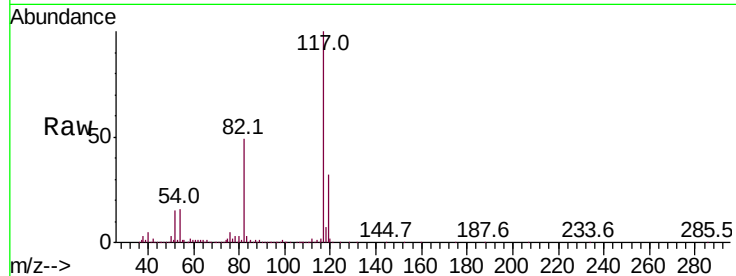
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	951466		
82	49.2		39.6	59.4
119	32.1		26.3	39.5

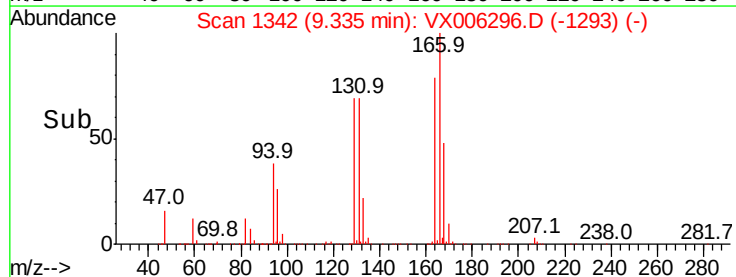
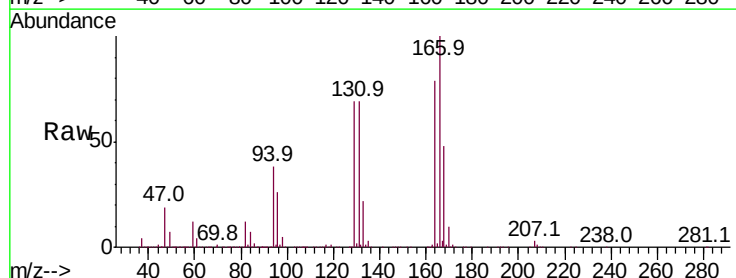
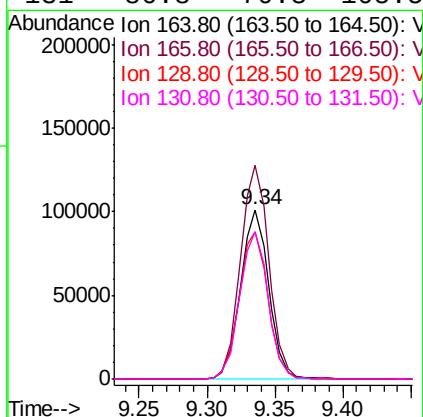
Manual Integrations
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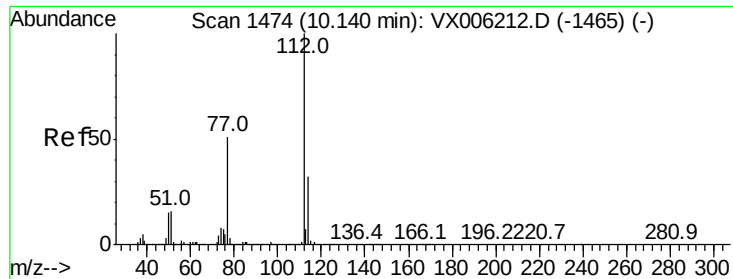
MMDadoda
12/7/2018 10:42:01 AM



#64
Tetrachloroethene
Concen: 20.350 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	145815		
166	126.1		104.2	156.2
129	86.7		72.6	108.8
131	86.8		70.3	105.5





#65

Chlorobenzene

Concen: 20.062 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion:112 Resp: 405204

Ion Ratio Lower Upper

112 100

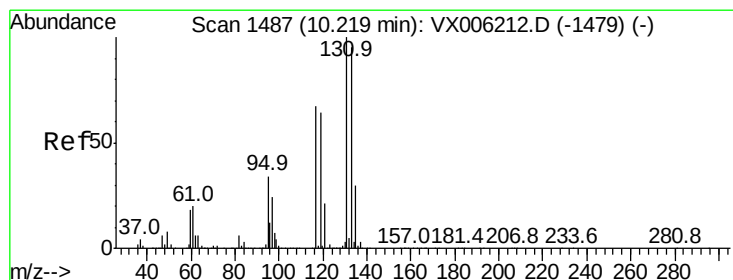
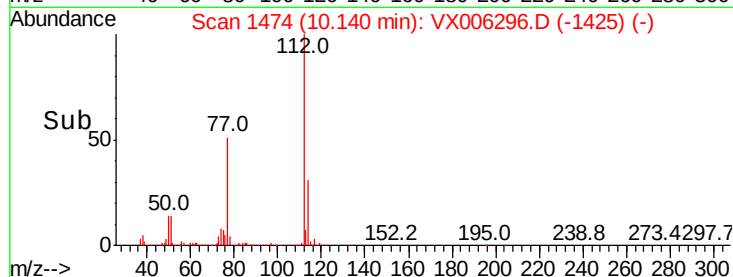
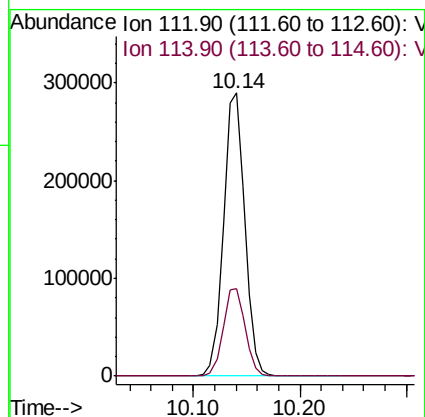
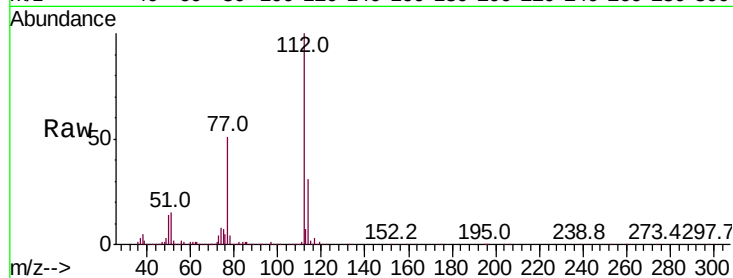
114 30.9 25.4 38.2

Manual Integrations

APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.768 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

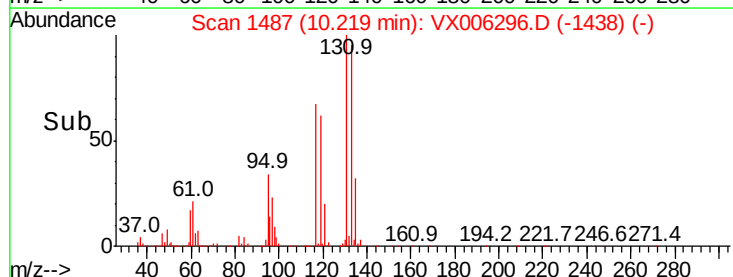
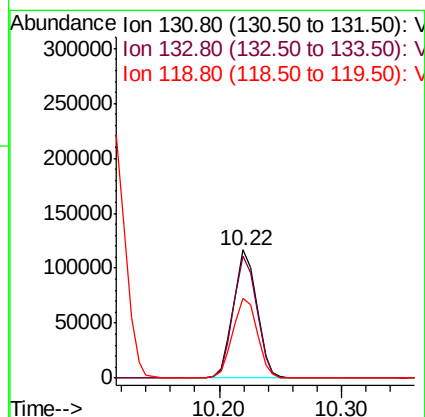
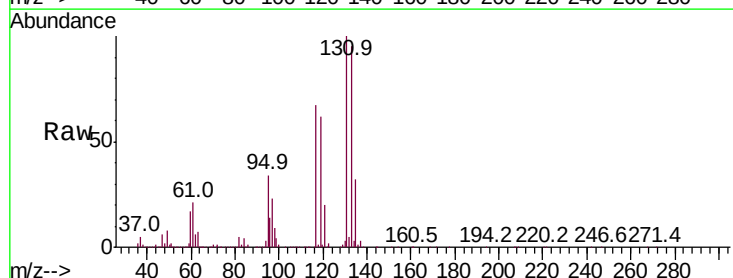
Tgt Ion:131 Resp: 155130

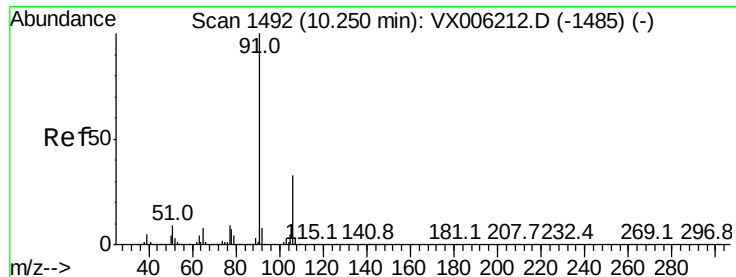
Ion Ratio Lower Upper

131 100

133 95.8 48.1 144.4

119 65.1 32.1 96.3





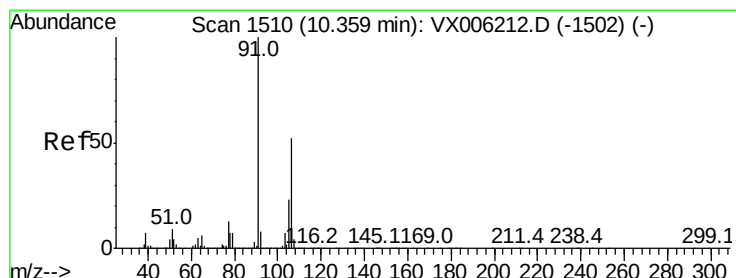
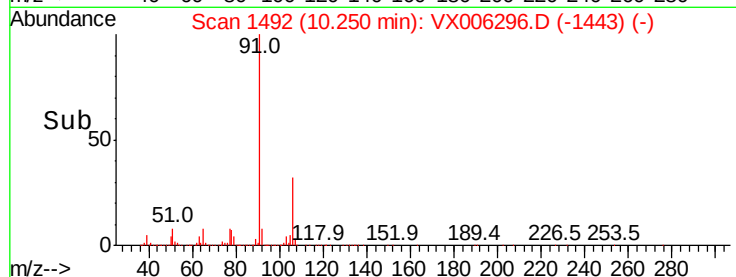
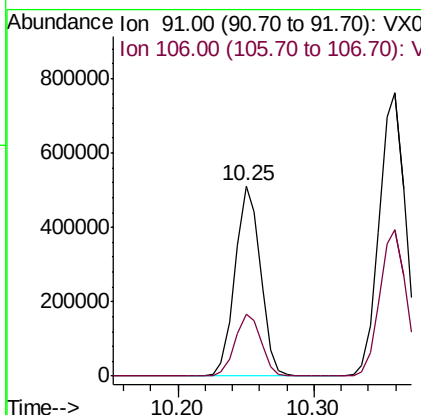
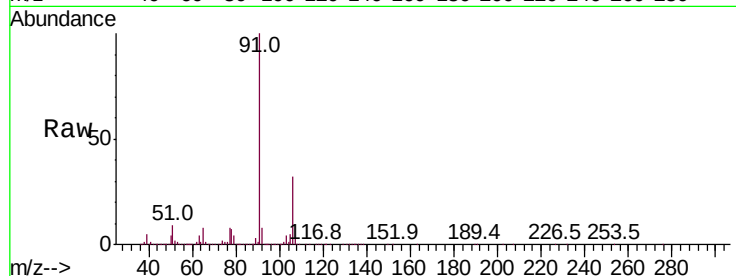
#67
Ethyl Benzene
Concen: 19.717 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampled :
VX1205WBS01

Tot Ion: 91 Resp: 662332
Ion Ratio Lower Upper
91 100
106 32.5 26.5 39.7

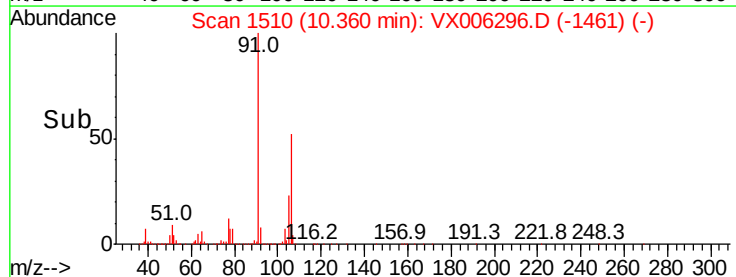
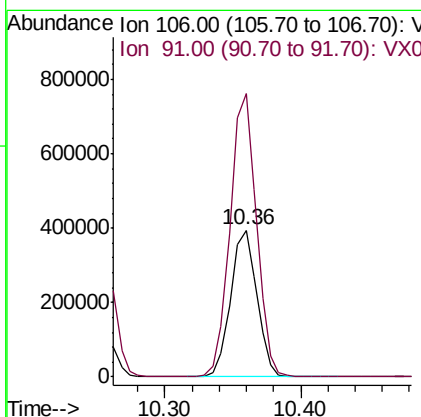
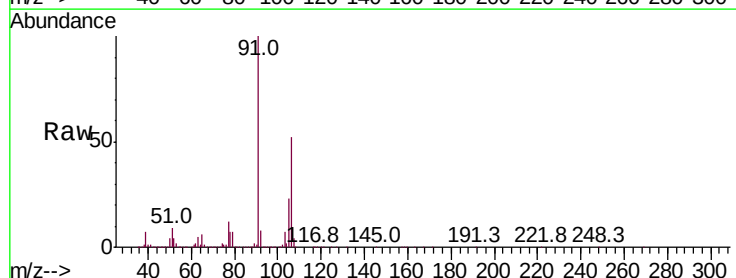
Manual Integrations
APPROVED

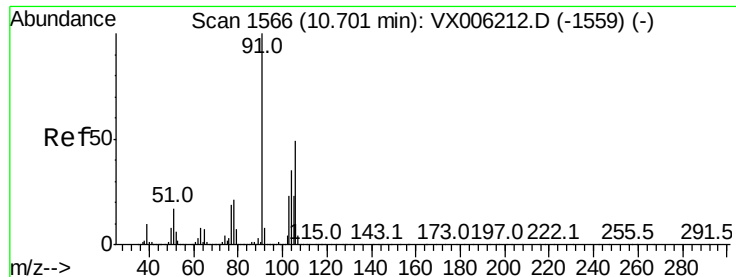
MMDadoda
12/7/2018 10:42:01 AM



#68
m/p-Xylenes
Concen: 39.320 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion: 106 Resp: 529091
Ion Ratio Lower Upper
106 100
91 193.9 155.2 232.8





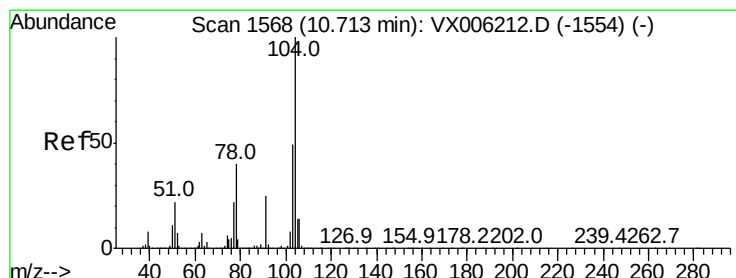
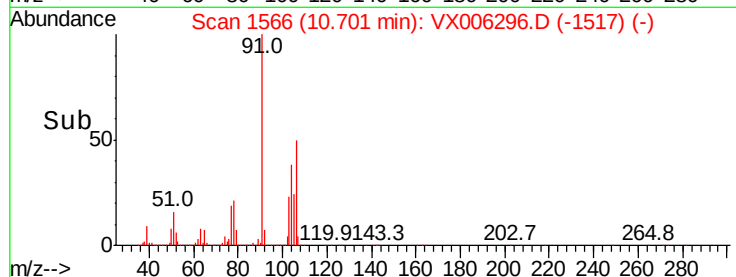
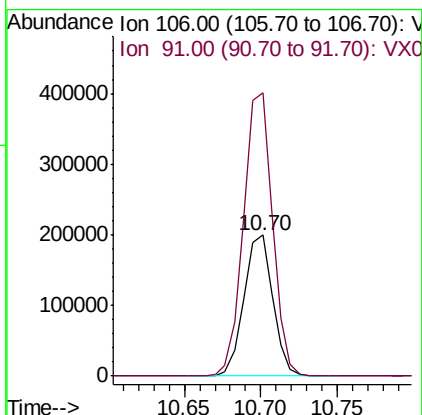
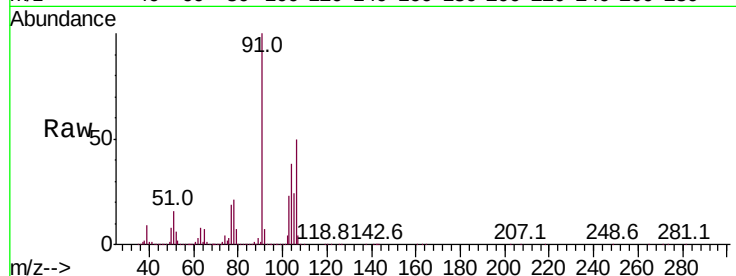
#69
o-Xylene
Concen: 19.742 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.7	101.8	305.6

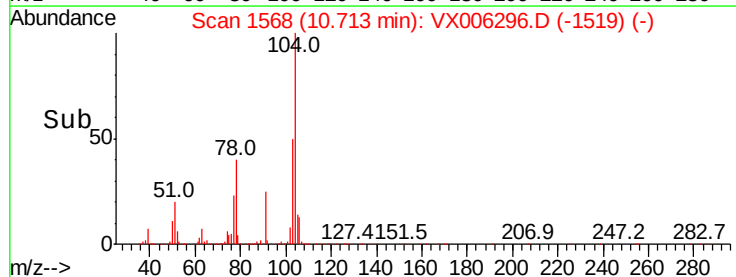
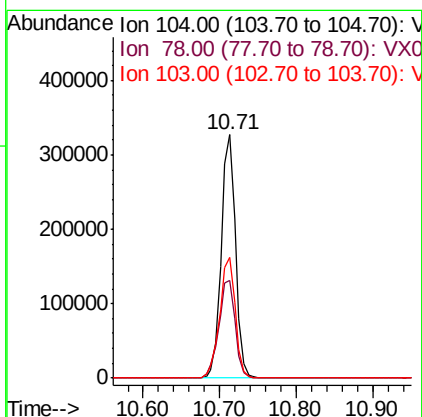
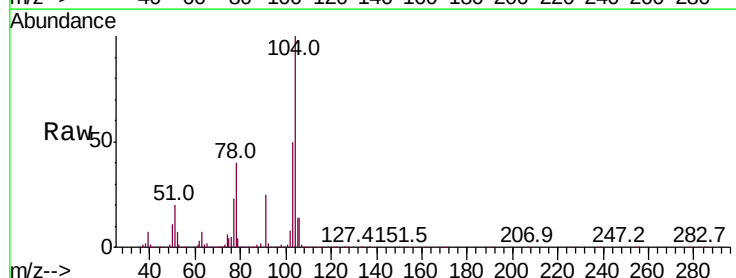
Manual Integrations
APPROVED

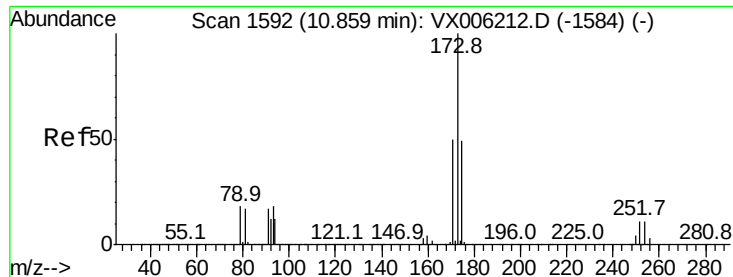
MMDadoda
12/7/2018 10:42:01 AM



#70
Styrene
Concen: 19.605 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.0	37.2	55.8
103	54.3	43.5	65.3





#71

Bromoform

Concen: 17.722 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion:173 Resp: 131284

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

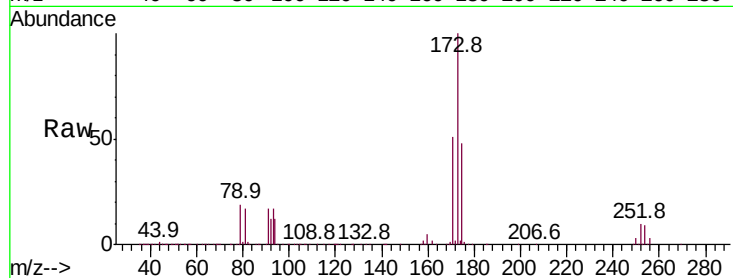
254 0.1 0.2 0.2#

Manual Integrations

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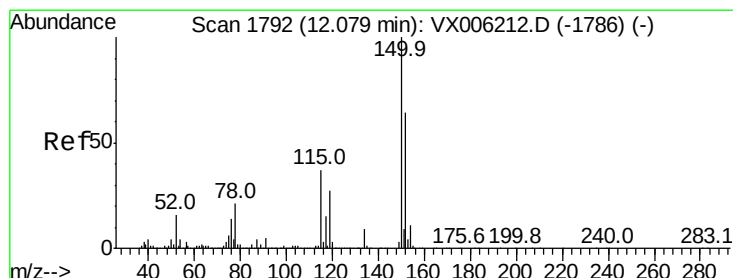
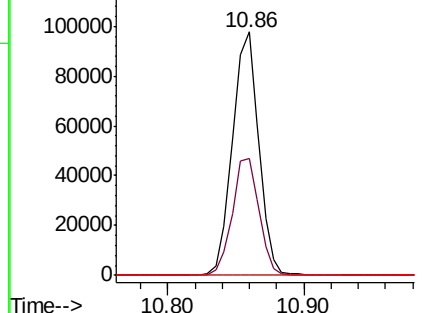
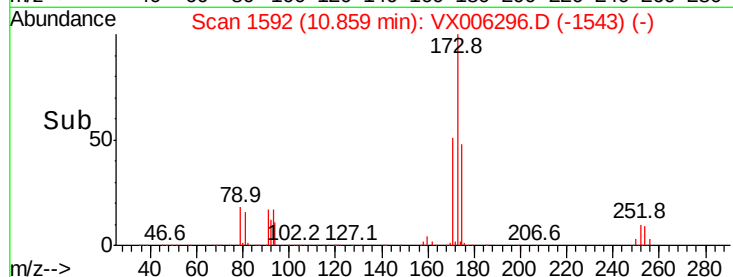
12/7/2018 10:42:01 AM



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: VX006296.D

Acq: 05 Dec 2018 13:18

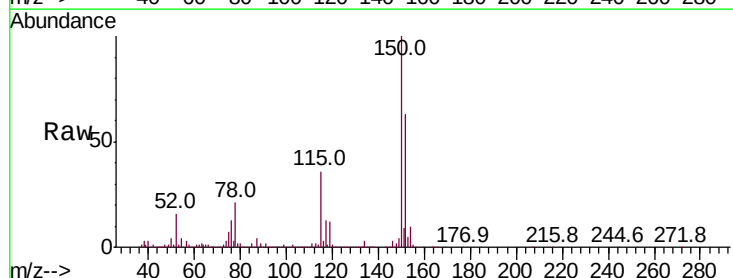
Tgt Ion:152 Resp: 464106

Ion Ratio Lower Upper

152 100

115 66.0 39.0 116.9

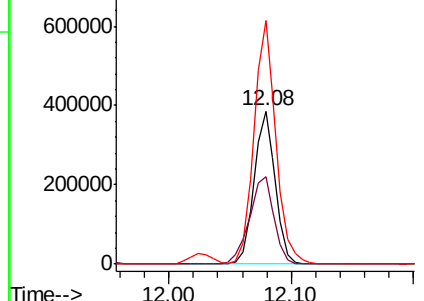
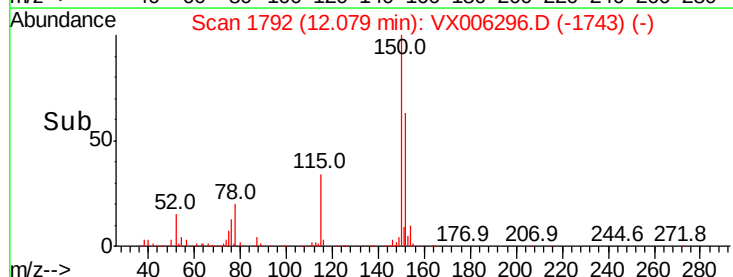
150 164.4 0.0 345.8

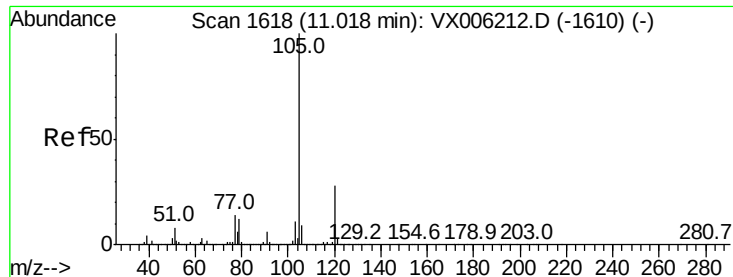


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.271 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion:105 Resp: 681743

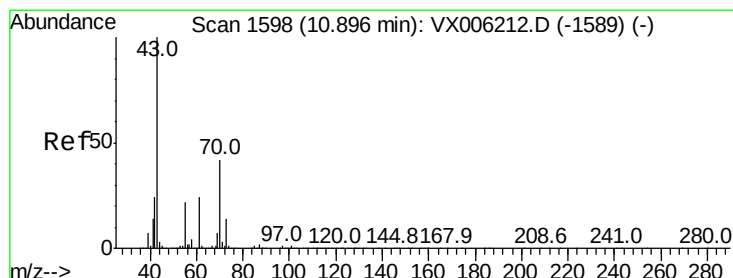
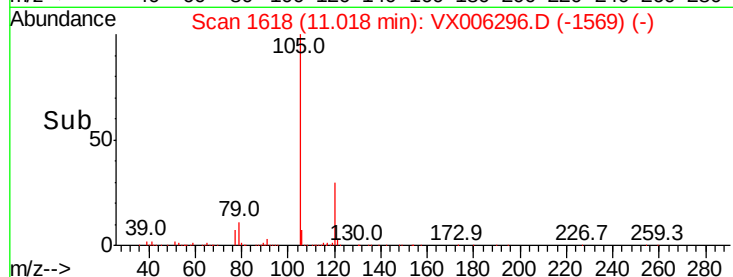
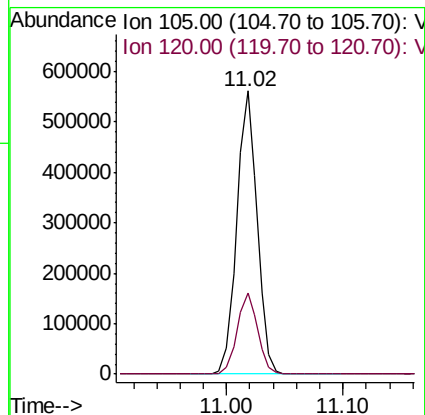
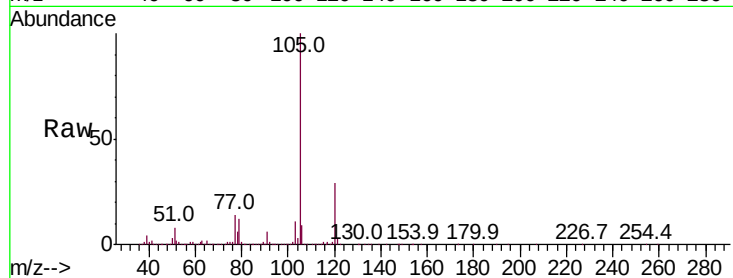
Ion Ratio Lower Upper

105 100

120 28.7 14.1 42.3

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#74

N-ethyl acetate

Concen: 19.154 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion: 43 Resp: 264358

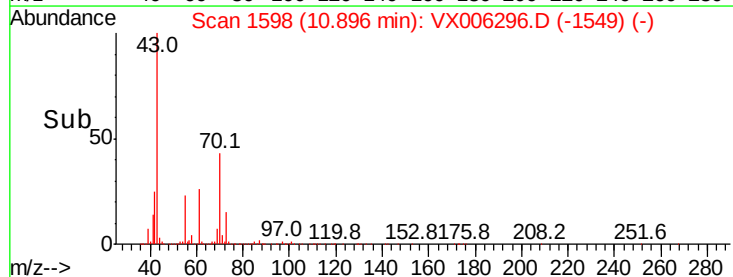
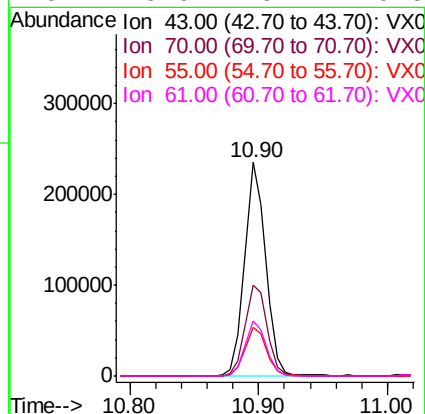
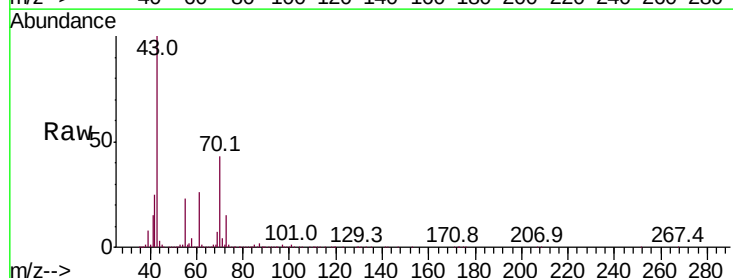
Ion Ratio Lower Upper

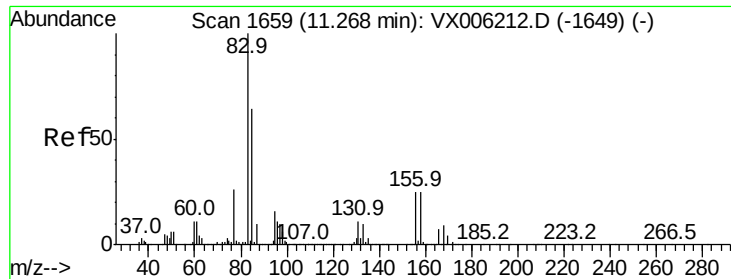
43 100

70 45.1 34.1 51.1

55 23.3 17.8 26.8

61 25.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.756 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 83 Resp: 212830

Ion Ratio Lower Upper

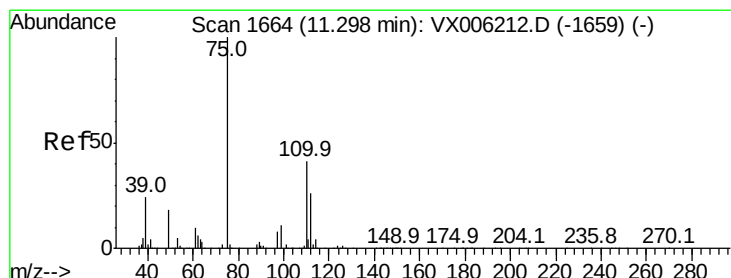
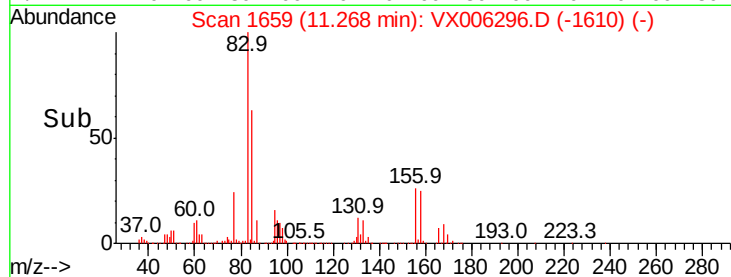
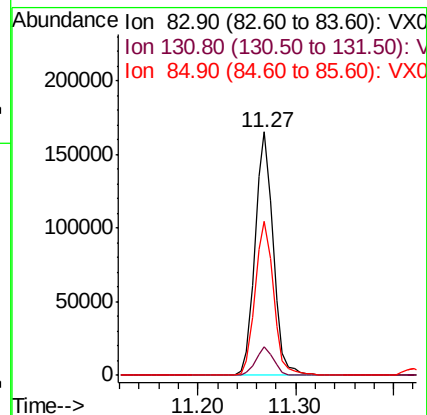
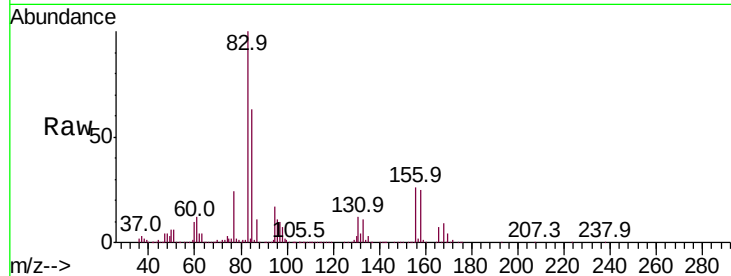
83 100

131 11.5 5.7 17.1

85 64.6 32.1 96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.842 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006296.D

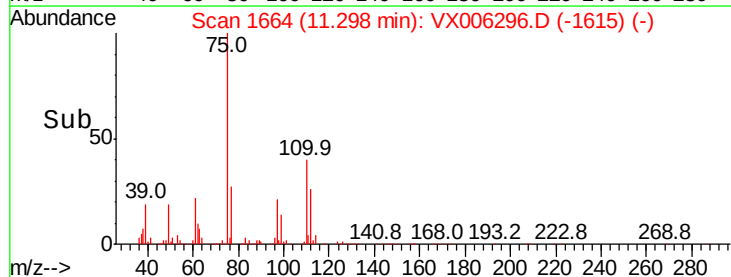
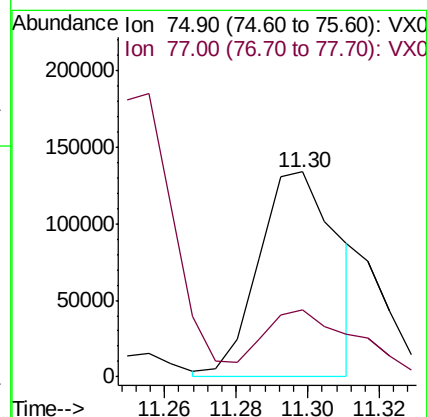
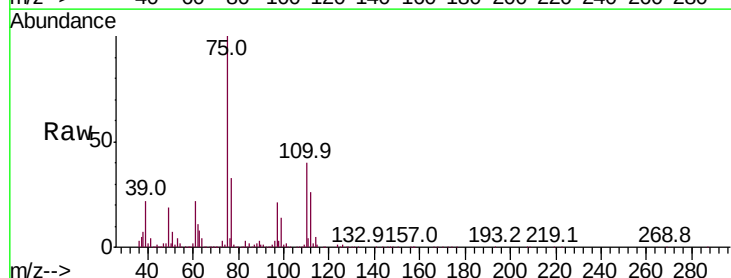
Acq: 05 Dec 2018 13:18

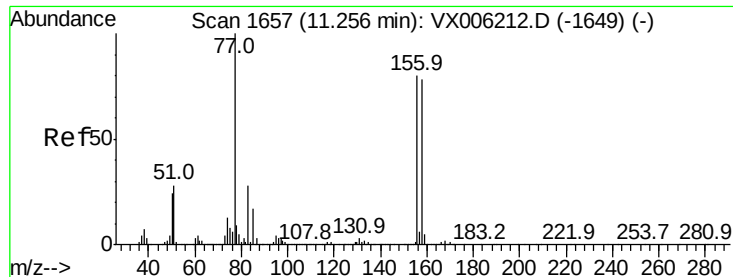
Tgt Ion: 75 Resp: 204620

Ion Ratio Lower Upper

75 100

77 38.3 19.9 59.7





#77

Bromobenzene

Concen: 21.035 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

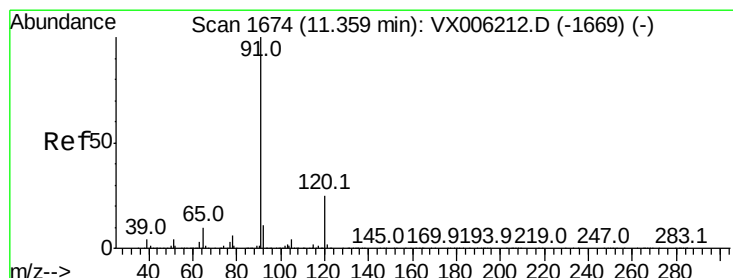
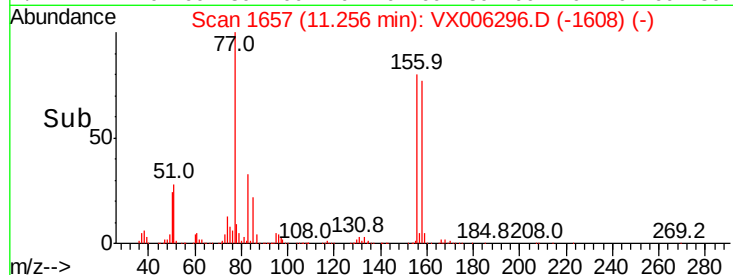
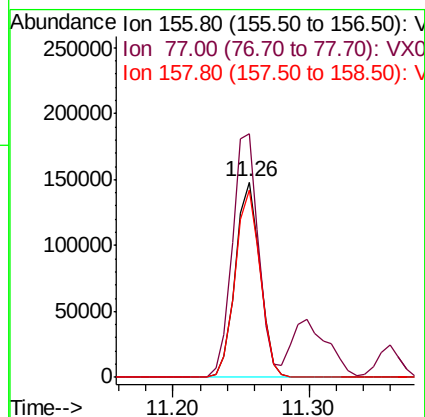
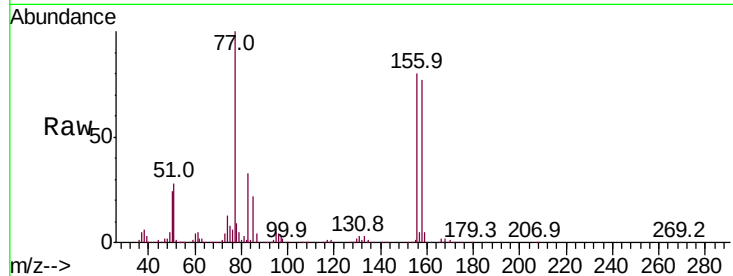
ClientSampleId :

VX1205WBS01

Tot Ion:	156	Resp:	187095
Ion Ratio	Lower	Upper	
156	100		
77	132.6	66.2	198.6
158	97.3	48.8	146.4

Manual Integrations
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12/7/2018 10:42:01 AM



#78

n-propylbenzene

Concen: 21.031 ug/l

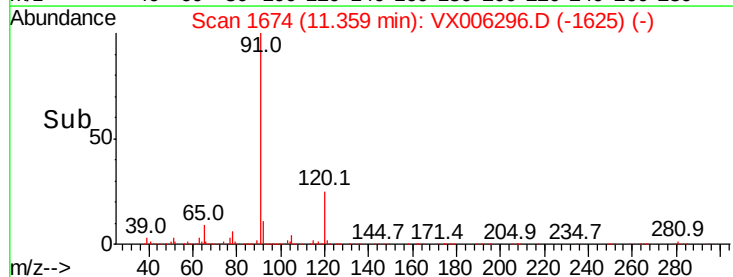
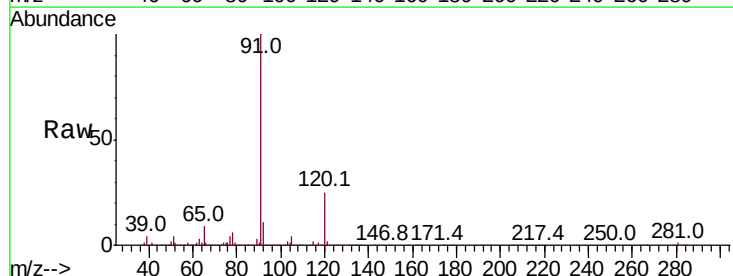
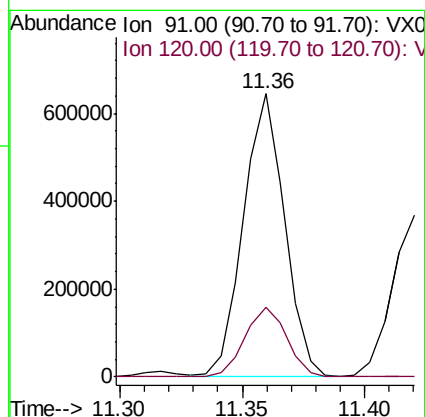
RT: 11.36 min Scan# 1674

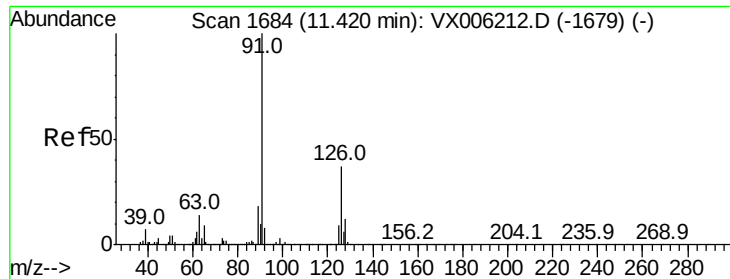
Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion:	91	Resp:	749264
Ion Ratio	Lower	Upper	
91	100		
120	25.4	12.7	38.0





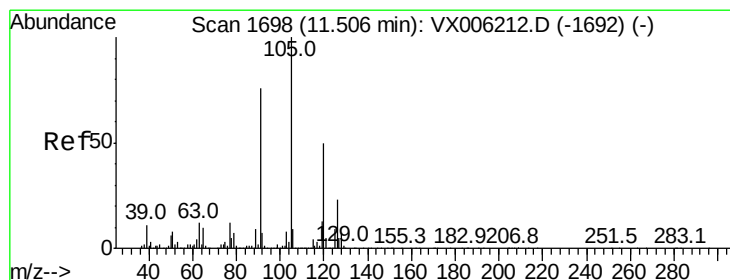
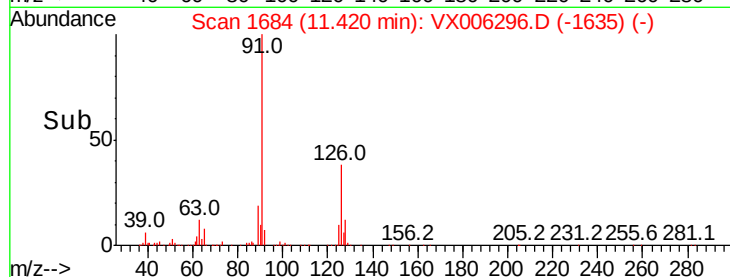
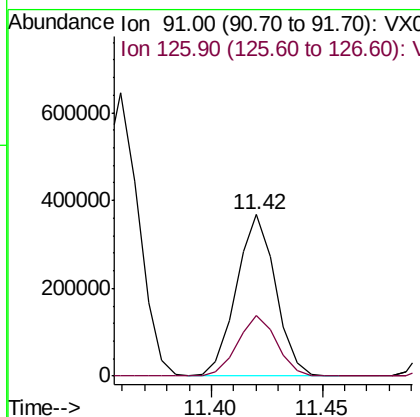
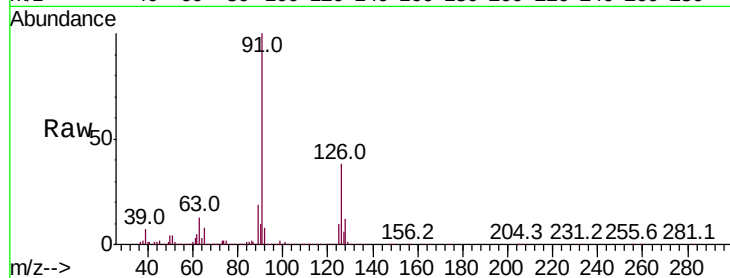
#79
2-Chlorotoluene
Concen: 21.175 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion: 91 Resp: 448391
Ion Ratio Lower Upper
91 100
126 37.7 18.6 56.0

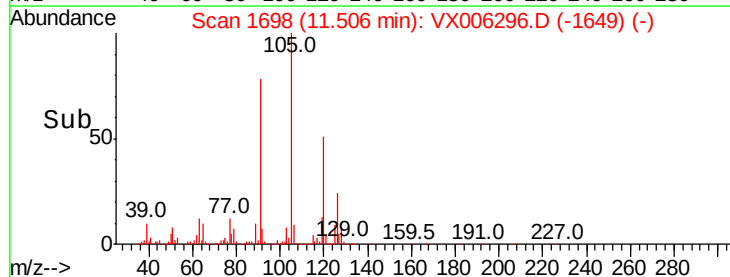
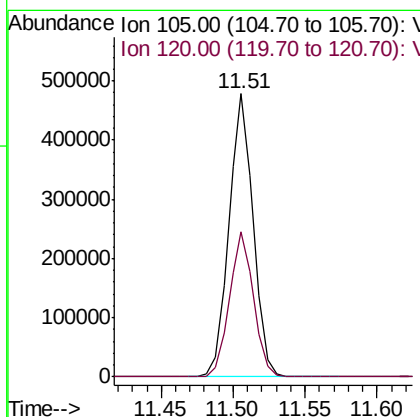
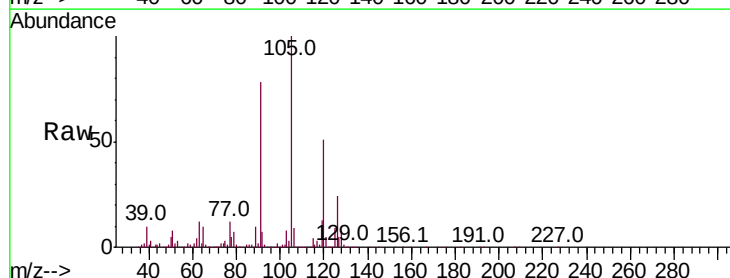
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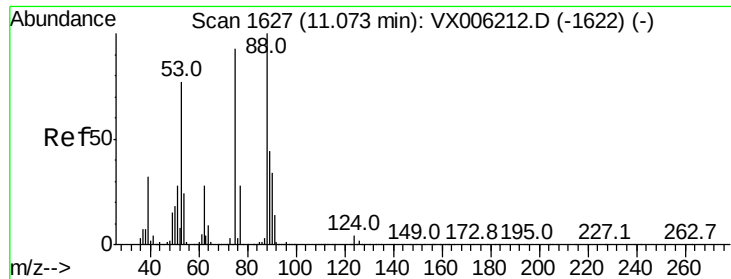
MMDadoda
12/7/2018 10:42:01 AM



#80
1,3,5-Trimethylbenzene
Concen: 21.091 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion: 105 Resp: 562421
Ion Ratio Lower Upper
105 100
120 50.8 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.638 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

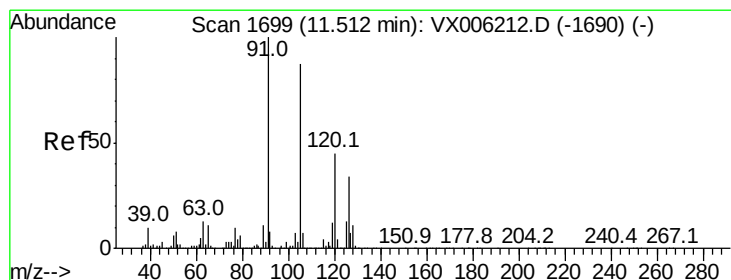
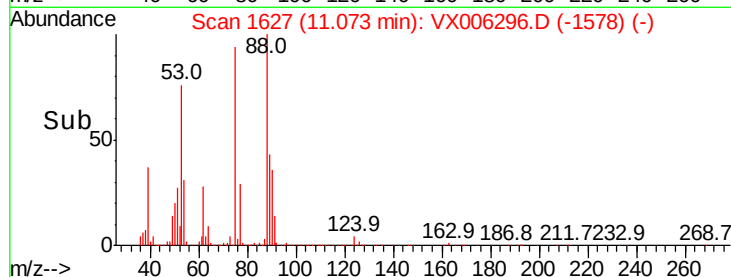
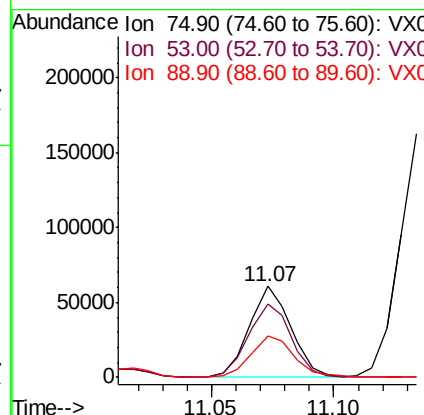
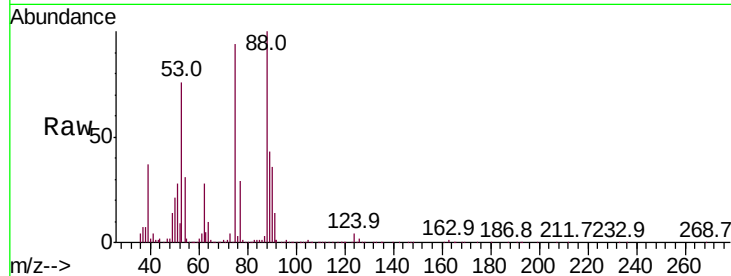
ClientSampleId :

VX1205WBS01

Tot Ion:	75	Resp:	71144
Ion	Ratio	Lower	Upper
75	100		
53	84.0	64.4	96.6
89	48.6	44.2	66.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.624 ug/l

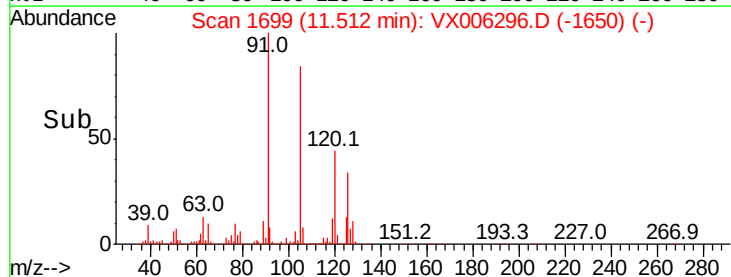
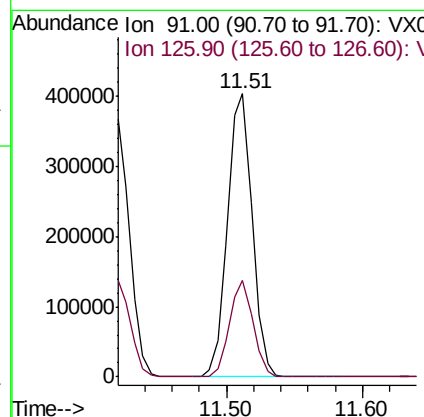
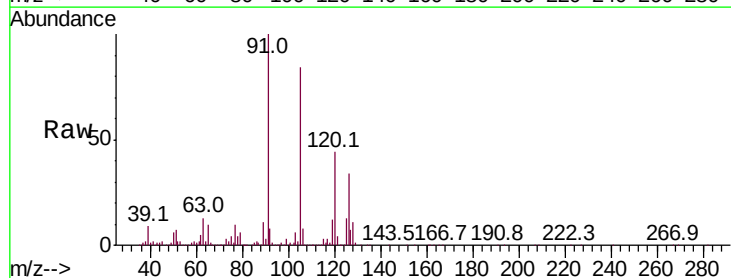
RT: 11.51 min Scan# 1699

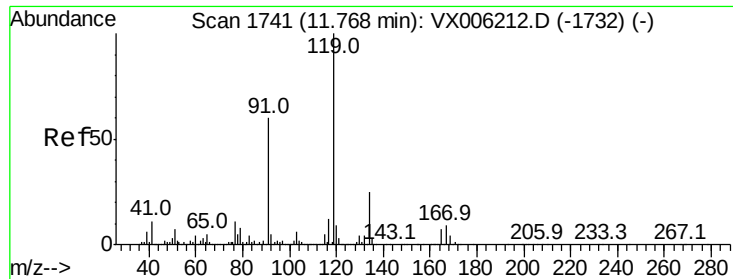
Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion:	91	Resp:	507765
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.4





#83

tert-Butylbenzene

Concen: 21.263 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

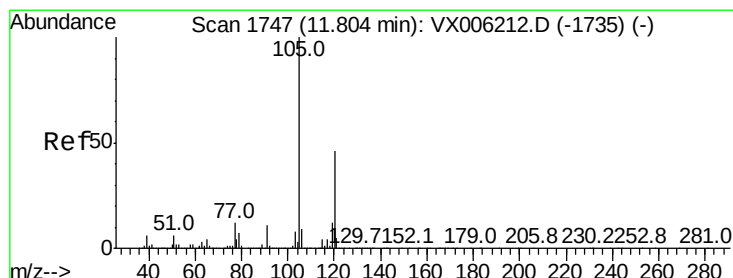
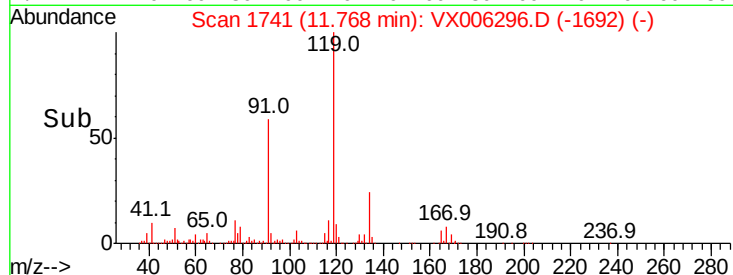
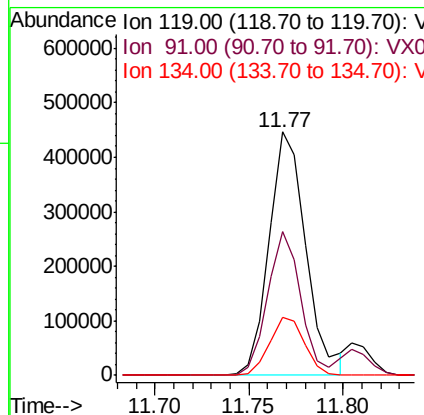
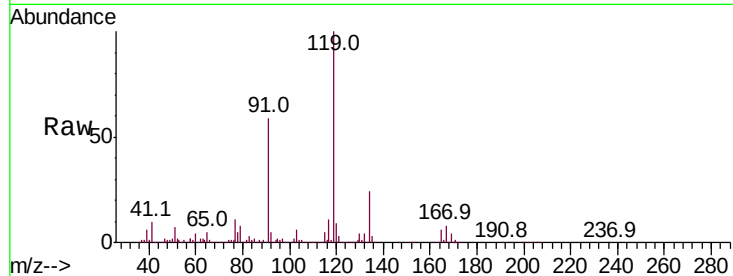
ClientSampleId :

VX1205WBS01

Tot Ion:	119	Resp:	604978
Ion Ratio	Lower	Upper	
119	100		
91	53.0	26.4	79.2
134	23.0	11.6	34.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.697 ug/l

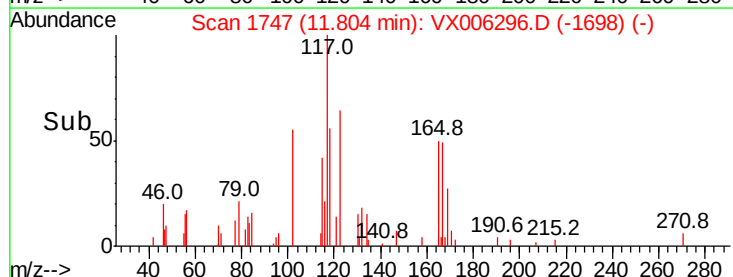
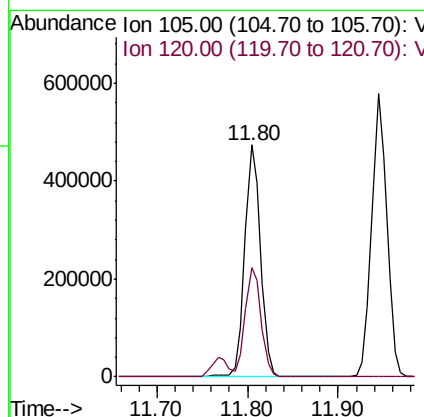
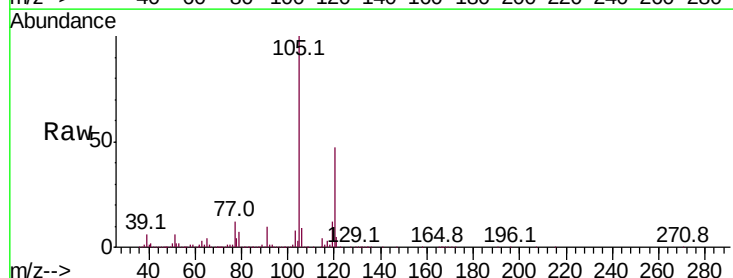
RT: 11.80 min Scan# 1747

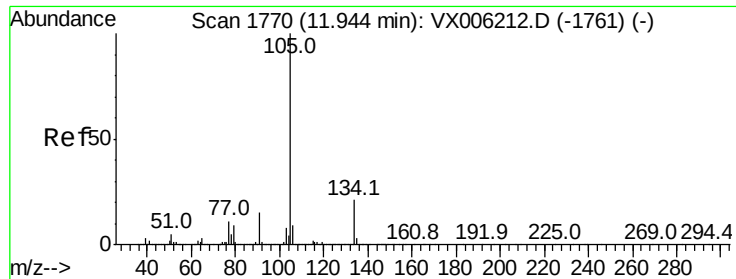
Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion:	105	Resp:	569909
Ion Ratio	Lower	Upper	
105	100		
120	47.2	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.983 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion:105 Resp: 679197

Ion Ratio Lower Upper

105 100

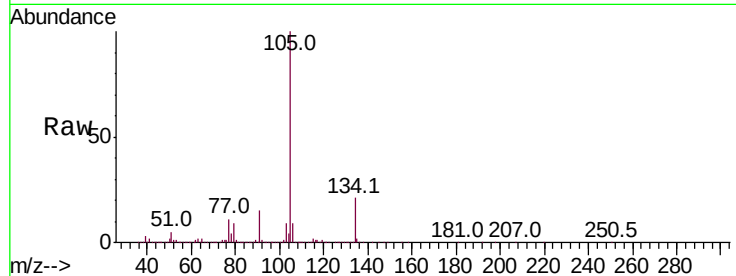
134 21.8 10.8 32.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

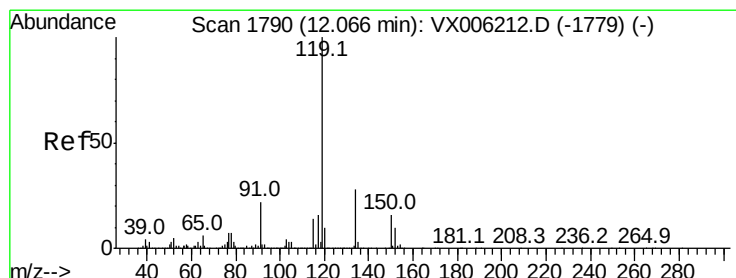
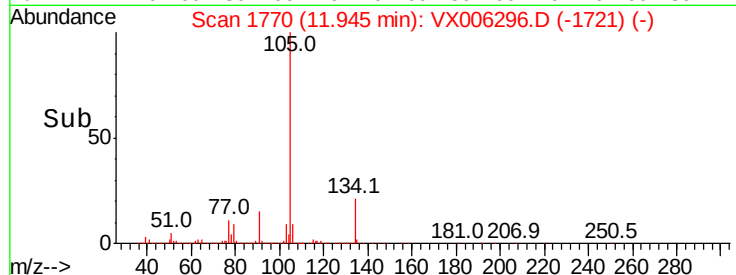
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.720 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

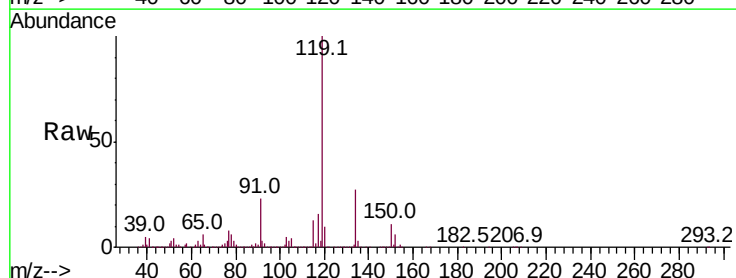
Tgt Ion:119 Resp: 603919

Ion Ratio Lower Upper

119 100

134 28.0 13.9 41.6

91 22.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

600000

500000

400000

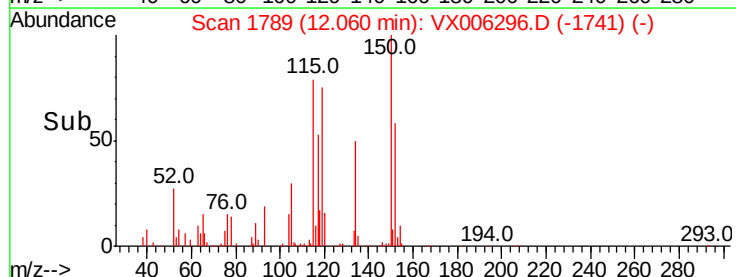
300000

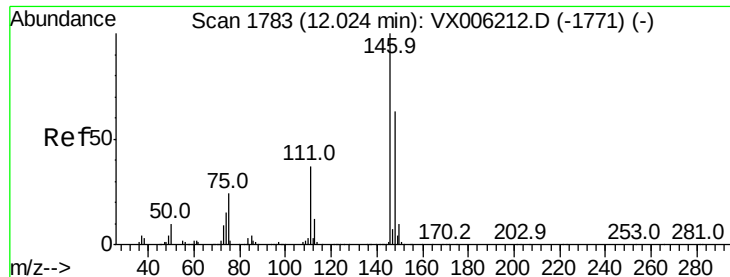
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.332 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006296.D

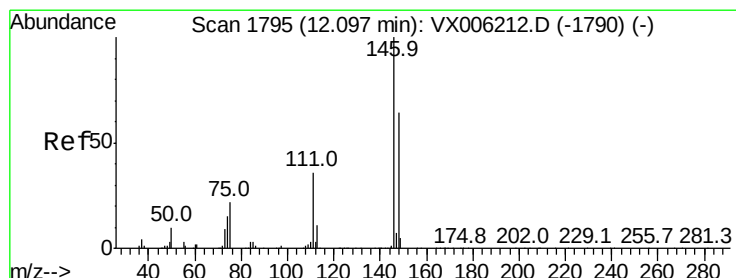
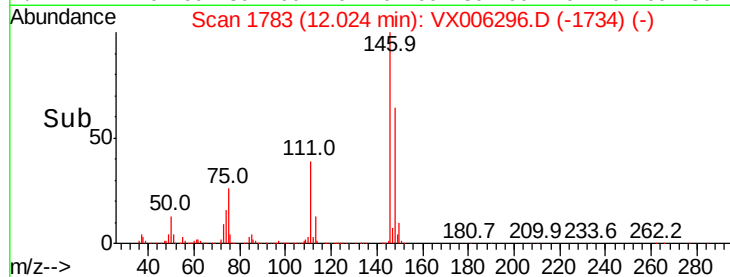
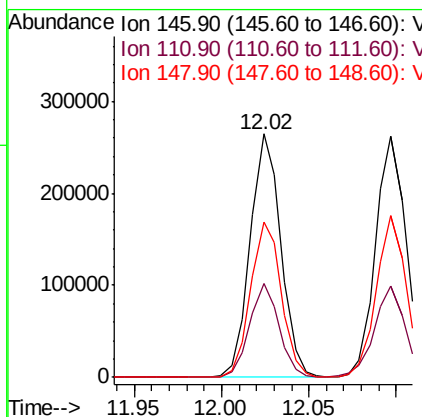
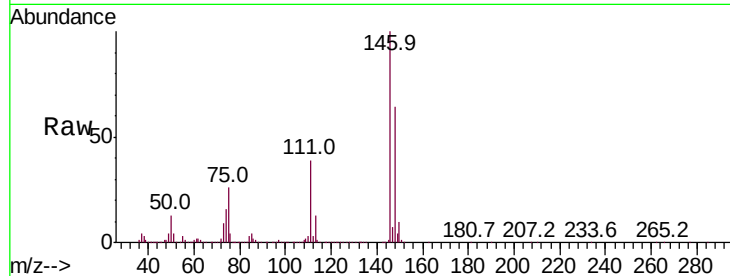
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampled :
VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	321792		
111	37.2	18.4	55.2	
148	64.1	32.0	96.0	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.783 ug/l

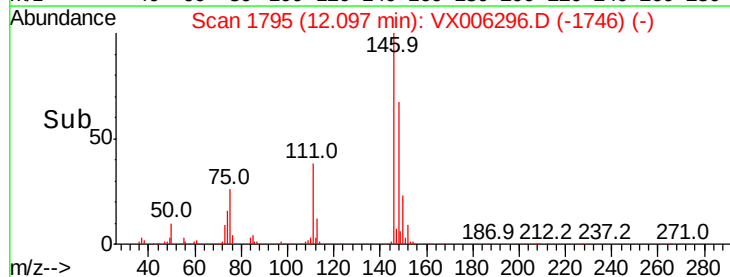
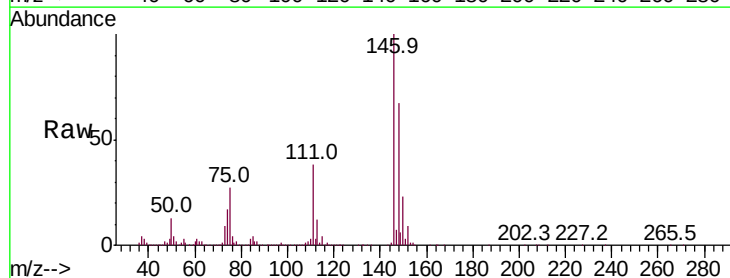
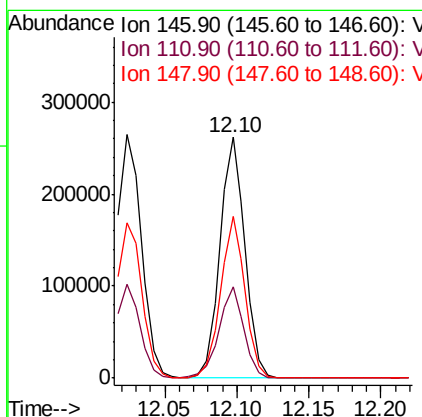
RT: 12.10 min Scan# 1795

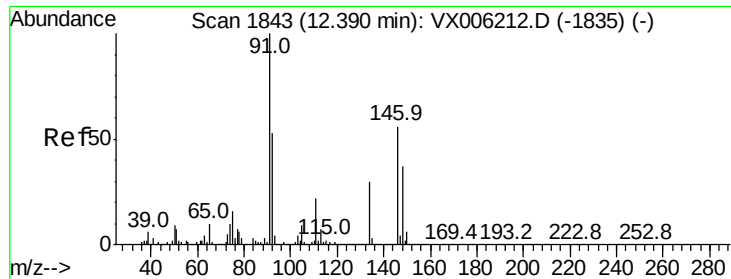
Delta R.T. 0.00 min

Lab File: VX006296.D

Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	317782		
111	38.0	18.3	54.8	
148	65.9	31.9	95.9	





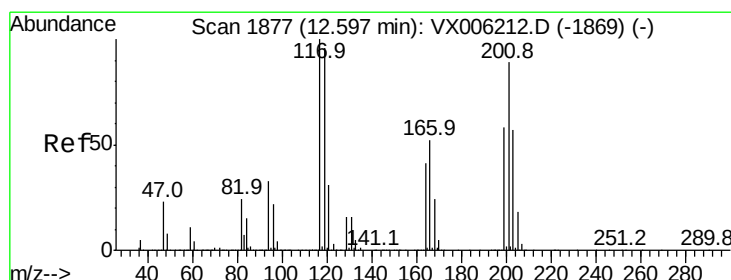
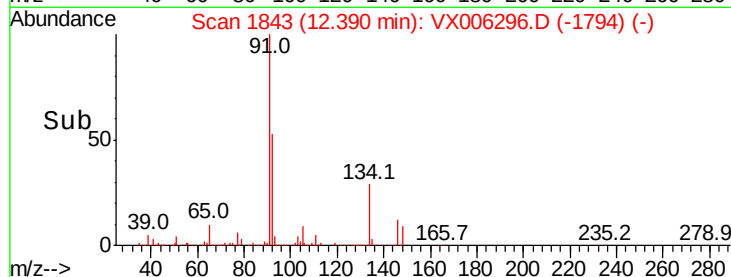
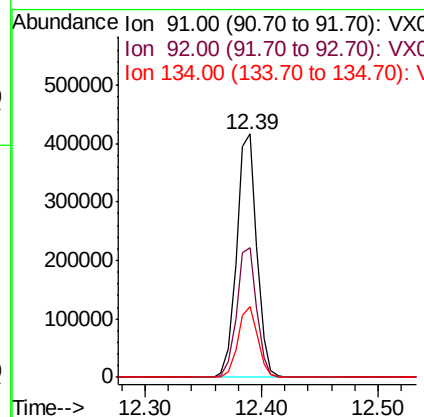
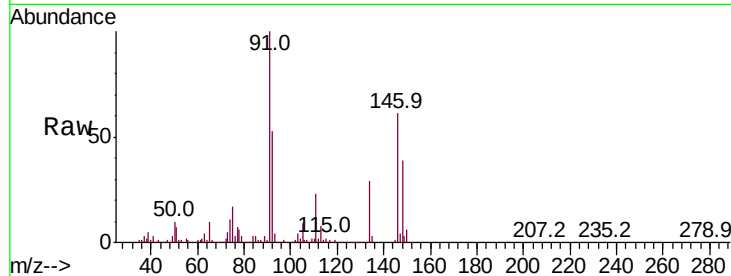
#89
n-Butylbenzene
Concen: 20.065 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	499012		
92	53.3	26.6	79.8	
134	28.6	14.8	44.3	

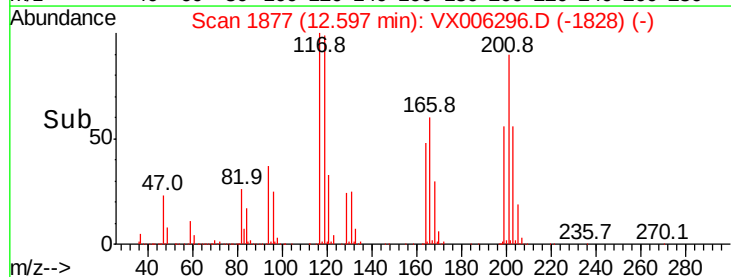
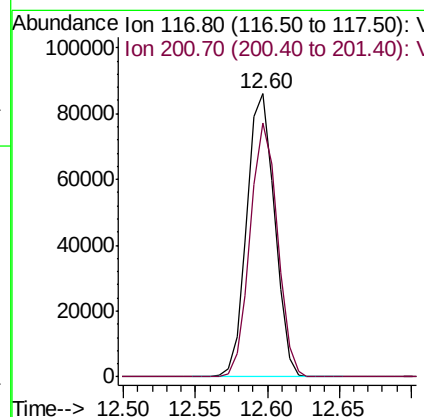
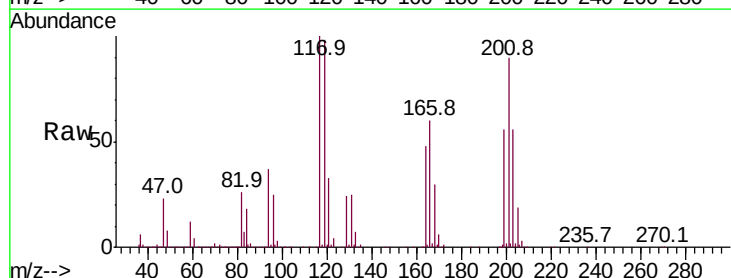
Manual Integrations
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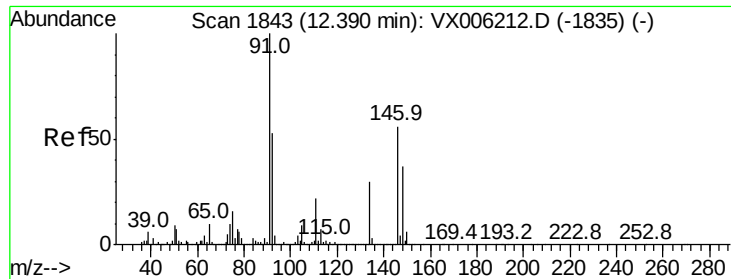
MMDadoda
12/7/2018 10:42:01 AM



#90
Hexachloroethane
Concen: 19.394 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	115210		
201	87.7	44.7	134.1	





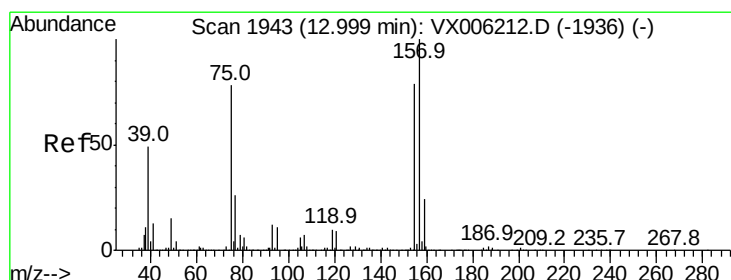
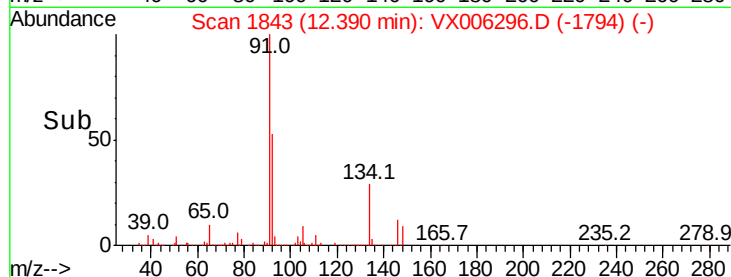
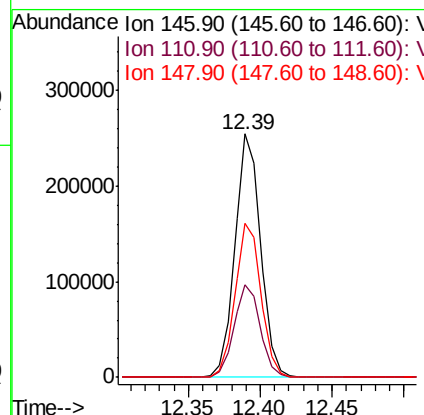
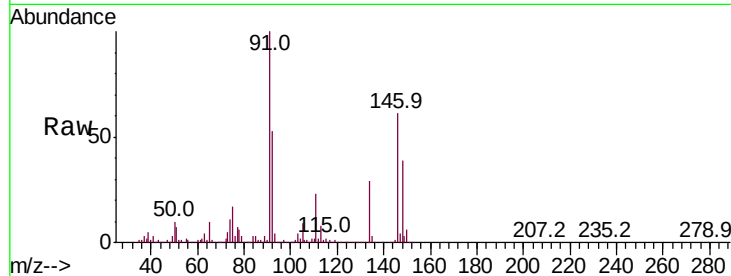
#91
 1,2-Dichlorobenzene
 Concen: 20.277 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006296.D
 Acq: 05 Dec 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	318495		
111	38.8	19.1	57.3	
148	63.7	32.1	96.3	

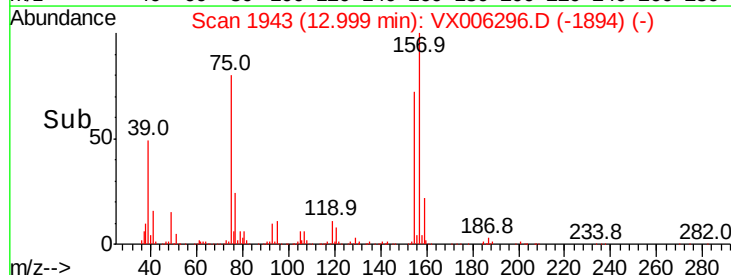
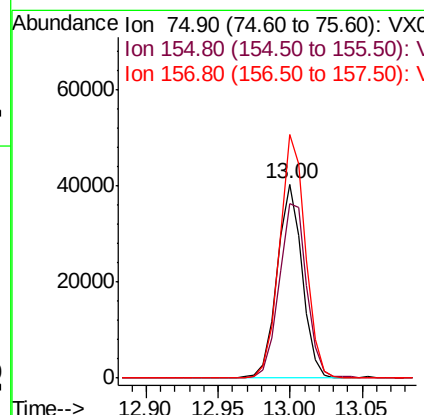
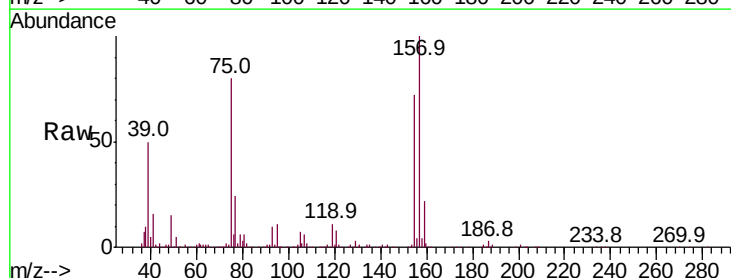
Manual Integrations
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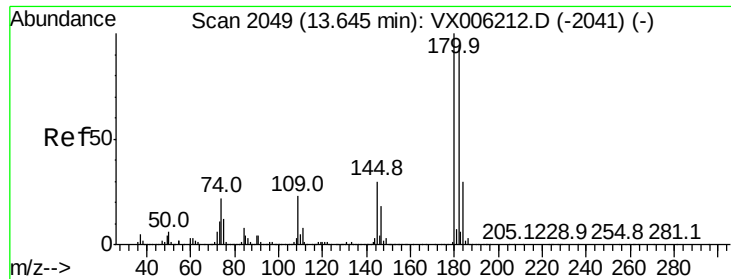
MMDadoda
 12/7/2018 10:42:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.646 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006296.D
 Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	49009		
155	99.4	53.4	160.3	
157	129.7	68.0	203.8	





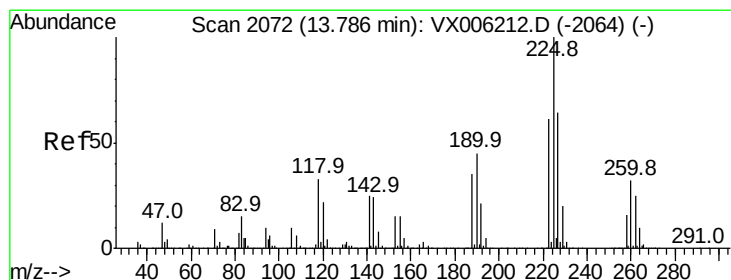
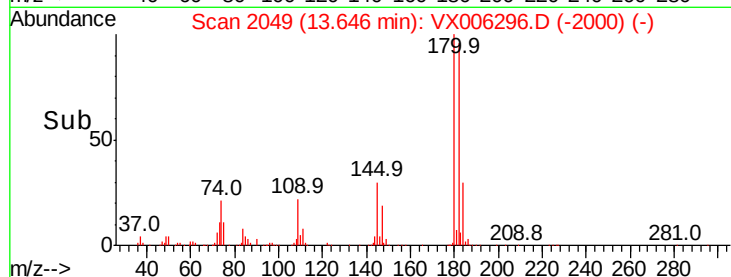
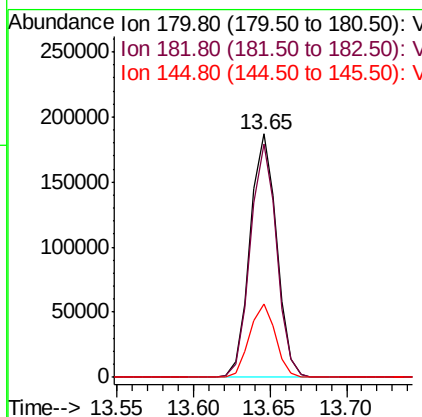
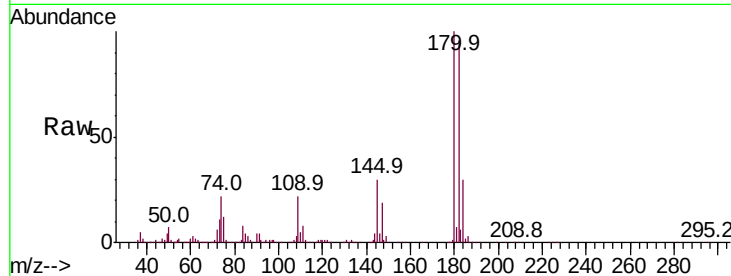
#93
 1,2,4-Trichlorobenzene
 Concen: 19.697 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006296.D
 Acq: 05 Dec 2018 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	47.3	141.9	
145	29.6	14.6	43.8	

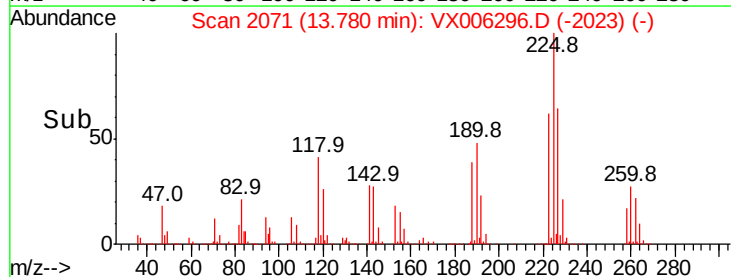
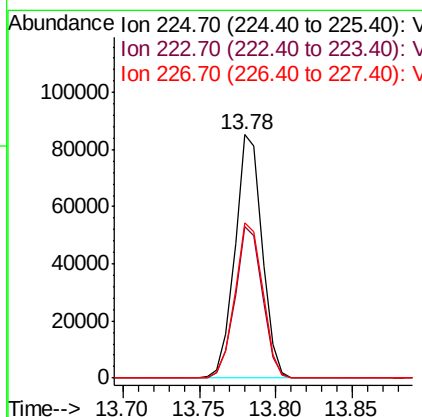
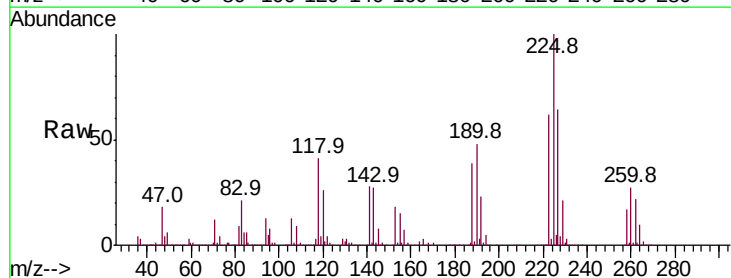
Manual Integrations
 APPROVED

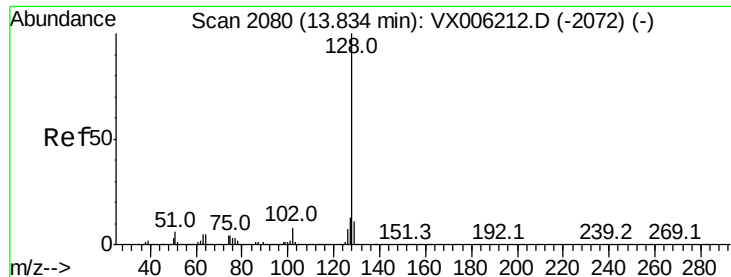
MMDadoda
 12/7/2018 10:42:01 AM



#94
 Hexachlorobutadiene
 Concen: 20.677 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006296.D
 Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	31.2	93.6	
227	65.0	31.9	95.5	





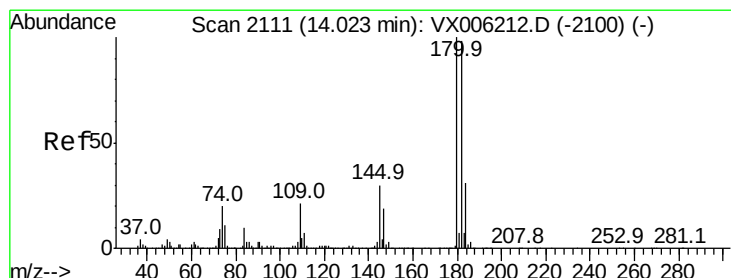
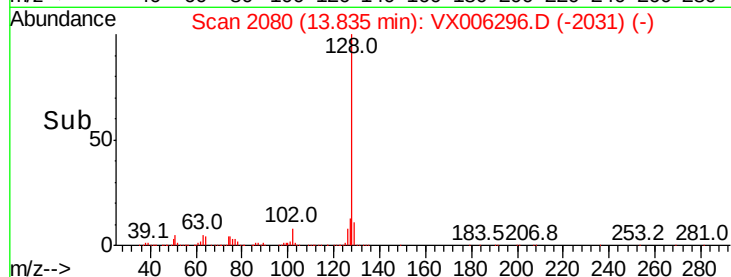
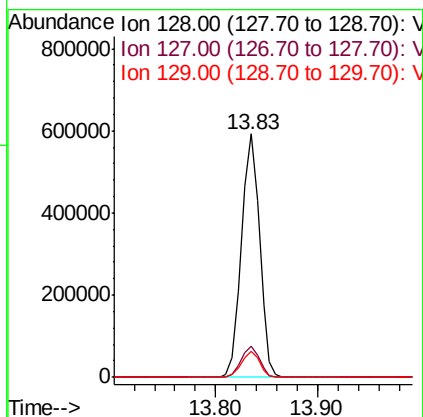
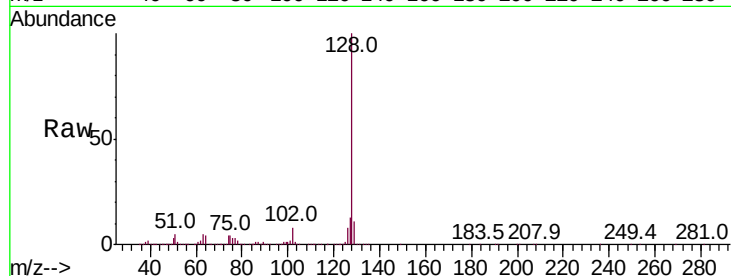
#95
Naphthalene
Concen: 20.339 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.6	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/7/2018 10:42:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.262 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX006296.D
Acq: 05 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.4	145.2
145	31.2	15.6	46.8

