

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\
 Data File : VX009956.D
 Acq On : 30 May 2019 13:31
 Operator : JC/SP
 Sample : VX0530WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/31/2019 9:23:51 AM

Quant Time: May 31 06:38:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	161738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112042	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112855	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.50	113	80765	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	8.71	98	325330	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	117663	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	41181	20.836	ug/l	100
3) Chloromethane	1.32	50	51076	19.223	ug/l	98
4) Vinyl Chloride	1.41	62	47837	19.972	ug/l	100
5) Bromomethane	1.64	94	25109	17.302	ug/l	100
6) Chloroethane	1.72	64	26093	17.697	ug/l	96
7) Trichlorofluoromethane	1.93	101	50441	19.057	ug/l	98
8) Diethyl Ether	2.19	74	21621	17.383	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30293	18.957	ug/l	98
10) Methyl Iodide	2.51	142	32247	19.435	ug/l	98
11) Tert butyl alcohol	3.04	59	54750	97.375	ug/l	100
12) 1,1-Dichloroethene	2.37	96	30688	18.735	ug/l	97
13) Acrolein	2.29	56	32340	95.394	ug/l	99
14) Allyl chloride	2.73	41	75207	18.891	ug/l	99
15) Acrylonitrile	3.14	53	129444	95.548	ug/l	99
16) Acetone	2.45	43	123778	93.768	ug/l	99
17) Carbon Disulfide	2.57	76	89299	18.251	ug/l	98
18) Methyl Acetate	2.78	43	58592	19.076	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	114816	18.567	ug/l	99
20) Methylene Chloride	2.85	84	37180	18.393	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32556	17.863	ug/l	98
22) Diisopropyl ether	3.85	45	146041	19.280	ug/l	98
23) Vinyl Acetate	3.82	43	644890	94.770	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69591	18.958	ug/l	99
25) 2-Butanone	4.68	43	197022	95.800	ug/l	98
26) 2,2-Dichloropropane	4.59	77	49678	17.890	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	37269	17.715	ug/l	98
28) Bromochloromethane	5.02	49	31546	16.560	ug/l	99
29) Tetrahydrofuran	5.13	42	127439	96.631	ug/l	99
30) Chloroform	5.21	83	61670	18.628	ug/l	99
31) Cyclohexane	5.59	56	67577	19.437	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	51253	19.010	ug/l	99
36) 1,1-Dichloropropene	5.81	75	47349	18.252	ug/l	99
37) Ethyl Acetate	4.84	43	72126	19.954	ug/l	99
38) Carbon Tetrachloride	5.79	117	43417	19.368	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58778	19.102	ug/l	99
40) Benzene	6.14	78	149503	19.428	ug/l	98
41) Methacrylonitrile	5.04	41	40733	19.285	ug/l	99
42) 1,2-Dichloroethane	6.20	62	54770	19.252	ug/l	100
43) Isopropyl Acetate	6.45	43	109987	18.858	ug/l	100
44) Trichloroethene	7.21	130	34512	18.463	ug/l	99
45) 1,2-Dichloropropane	7.51	63	42169	19.036	ug/l	97
46) Dibromomethane	7.66	93	23681	18.161	ug/l	99
47) Bromodichloromethane	7.90	83	47549	19.176	ug/l	98
48) Methyl methacrylate	7.77	41	56568	19.593	ug/l	99
49) 1,4-Dioxane	7.74	88	20672	384.919	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	359051	94.636	ug/l	100
52) Toluene	8.78	92	88968	19.041	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	52718	17.728	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	59524	18.371	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	36088	19.190	ug/l	98
56) Ethyl methacrylate	9.18	69	63726	19.034	ug/l	99
57) 1,3-Dichloropropane	9.37	76	63062	18.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	166590	94.891	ug/l	99
59) 2-Hexanone	9.49	43	288179	98.657	ug/l	99
60) Dibromochloromethane	9.58	129	34243	18.511	ug/l	100
61) 1,2-Dibromoethane	9.67	107	36264	18.770	ug/l	99
64) Tetrachloroethene	9.34	164	32570	19.912	ug/l	98
65) Chlorobenzene	10.14	112	90177	18.394	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	32381	19.043	ug/l	99
67) Ethyl Benzene	10.25	91	167421	19.020	ug/l	98
68) m/p-Xylenes	10.36	106	122762	37.750	ug/l	99
69) o-Xylene	10.69	106	59553	19.095	ug/l	99
70) Styrene	10.71	104	101944	18.641	ug/l	99
71) Bromoform	10.85	173	25883	18.622	ug/l	98
73) Isopropylbenzene	11.02	105	156603	18.944	ug/l	100
74) N-amyl acetate	10.90	43	94714	19.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	59953	19.439	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	52085m	19.440	ug/l	
77) Bromobenzene	11.26	156	39345	18.676	ug/l	98
78) n-propylbenzene	11.36	91	183042	19.210	ug/l	100
79) 2-Chlorotoluene	11.42	91	110374	18.959	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	133583	19.181	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18837	17.395	ug/l	95
82) 4-Chlorotoluene	11.51	91	126061	18.601	ug/l	100
83) tert-Butylbenzene	11.77	119	125158	18.784	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	134528	19.021	ug/l	100
85) sec-Butylbenzene	11.94	105	152037	19.180	ug/l	100
86) p-Isopropyltoluene	12.06	119	137713	19.315	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	67976	18.124	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	68610	17.937	ug/l	99
89) n-Butylbenzene	12.38	91	124185	18.534	ug/l	99
90) Hexachloroethane	12.60	117	23405	19.129	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	69311	18.743	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13603	18.738	ug/l	98

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ClientSampleId :
VX0530WBSD01

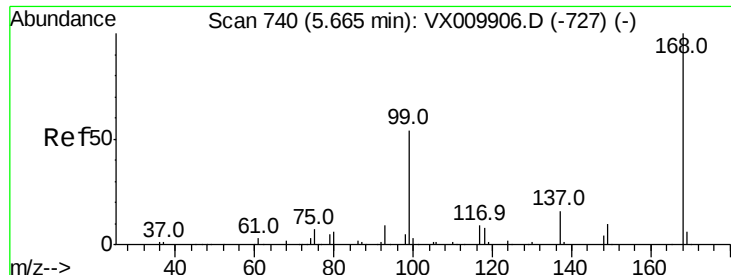
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	48009	18.167	ug/l	99
94) Hexachlorobutadiene	13.78	225	25023	18.879	ug/l	99
95) Naphthalene	13.83	128	153637	18.682	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48763	18.435	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

Tot Ion:168 Resp: 161738

Ion Ratio Lower Upper

168 100

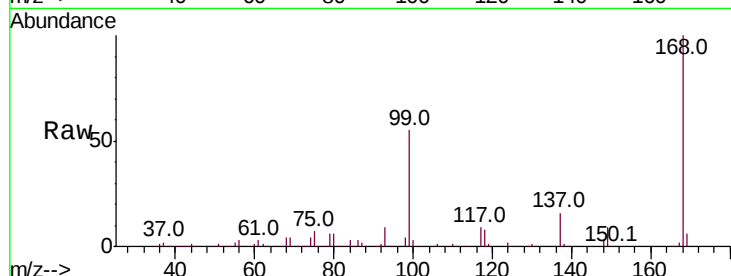
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Manual Integrations

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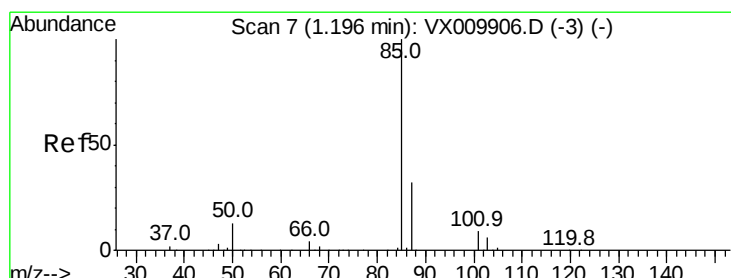
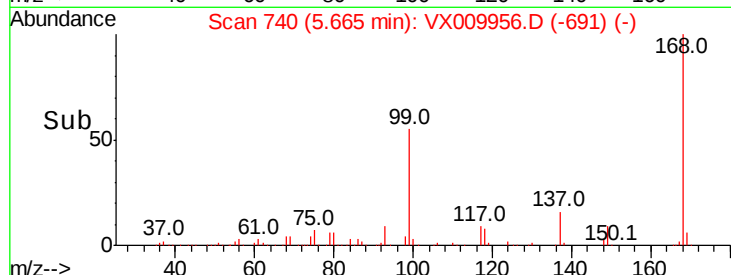
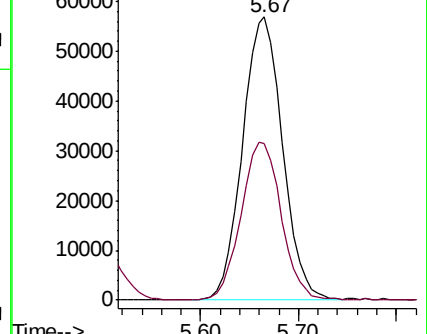
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.836 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009956.D

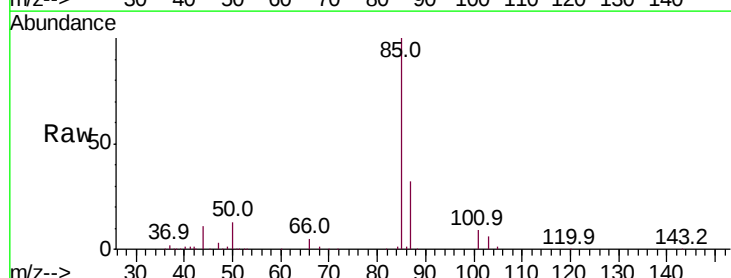
Acq: 30 May 2019 13:31

Tgt Ion: 85 Resp: 41181

Ion Ratio Lower Upper

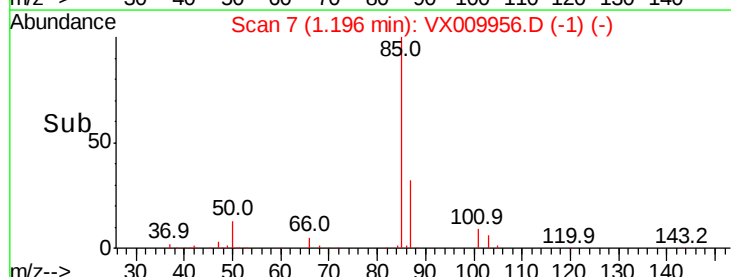
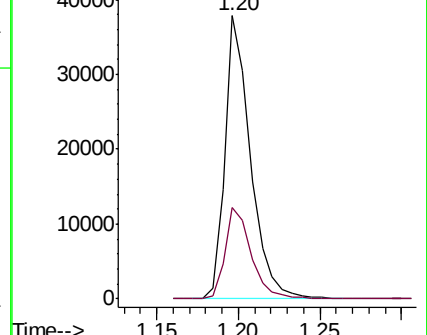
85 100

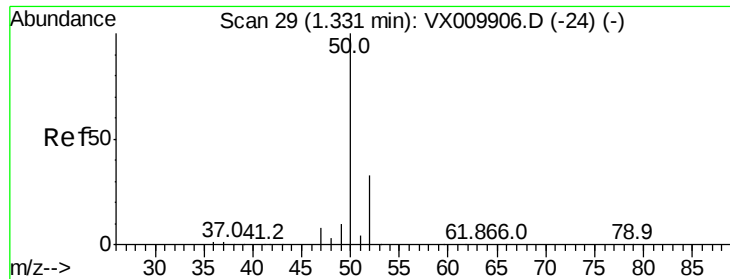
87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.223 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

Tot Ion: 50 Resp: 51076

Ion Ratio Lower Upper

50 100

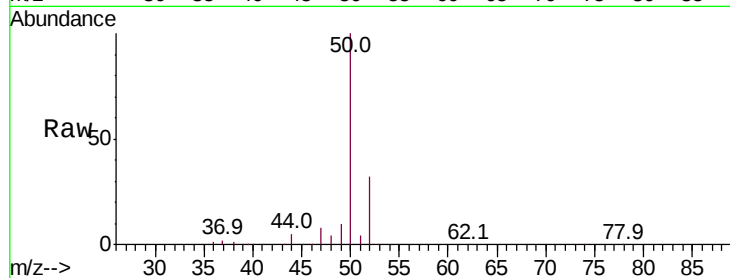
52 31.6 26.0 39.0

Manual Integrations

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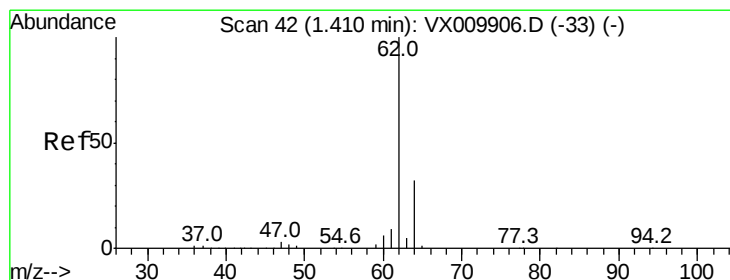
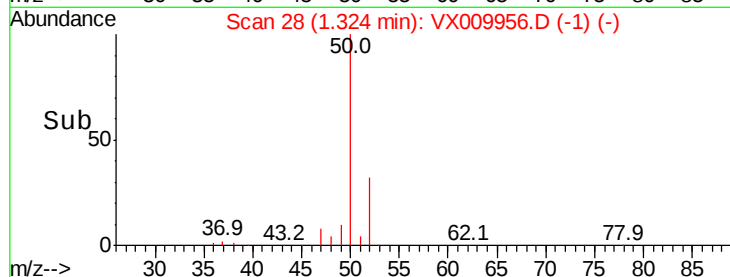
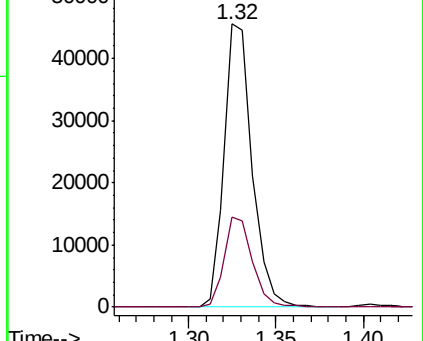
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.972 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009956.D

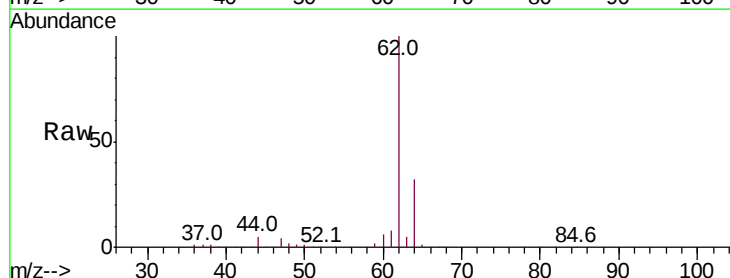
Acq: 30 May 2019 13:31

Tgt Ion: 62 Resp: 47837

Ion Ratio Lower Upper

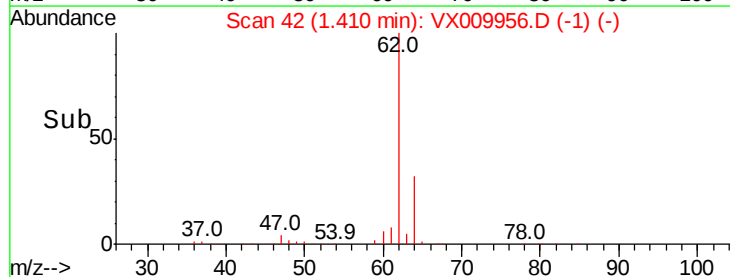
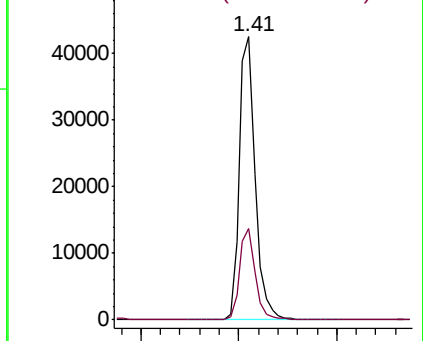
62 100

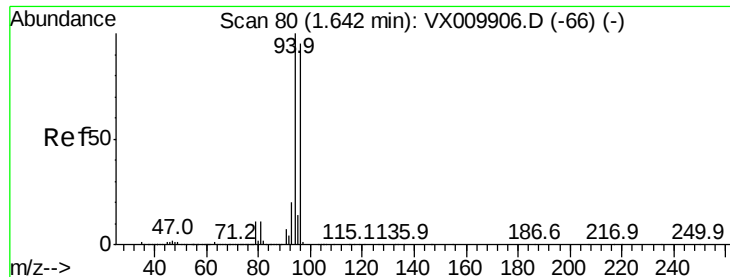
64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.302 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

Tot Ion: 94 Resp: 25109

Ion Ratio Lower Upper

94 100

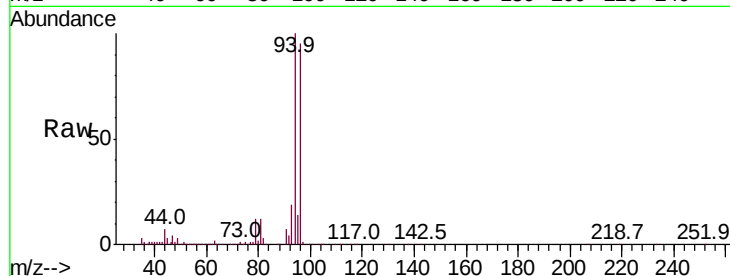
96 95.4 76.2 114.4

Manual Integrations

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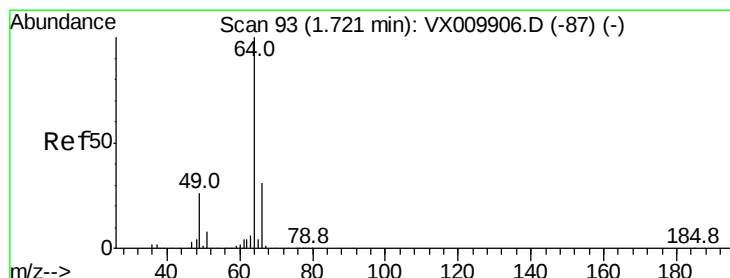
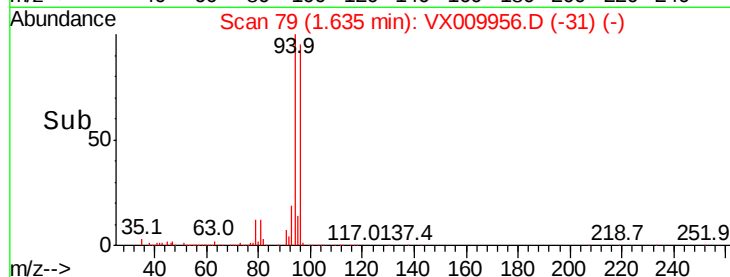
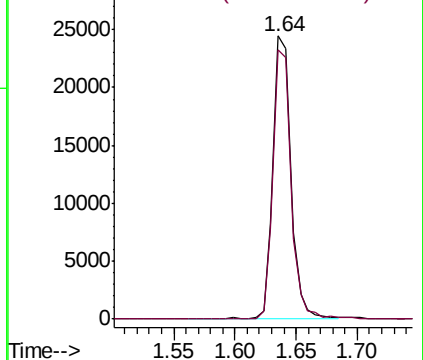
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.697 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009956.D

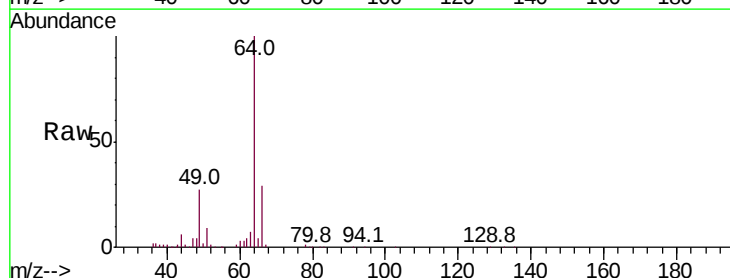
Acq: 30 May 2019 13:31

Tgt Ion: 64 Resp: 26093

Ion Ratio Lower Upper

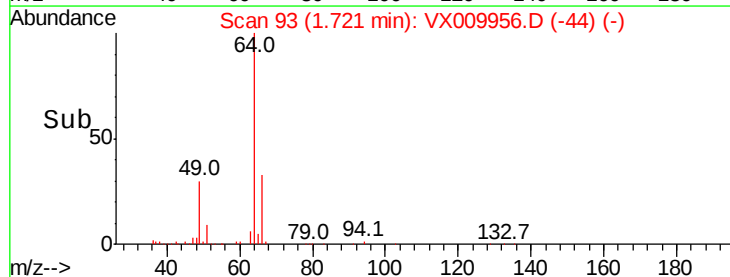
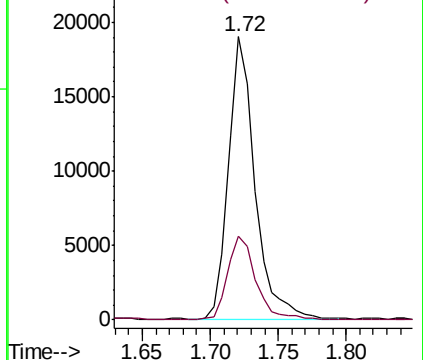
64 100

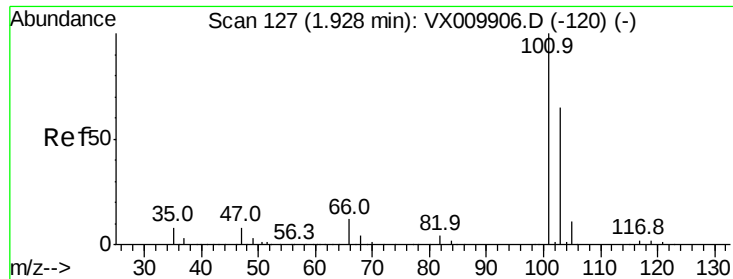
66 29.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

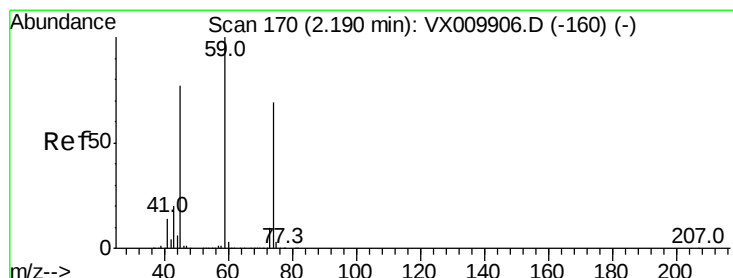
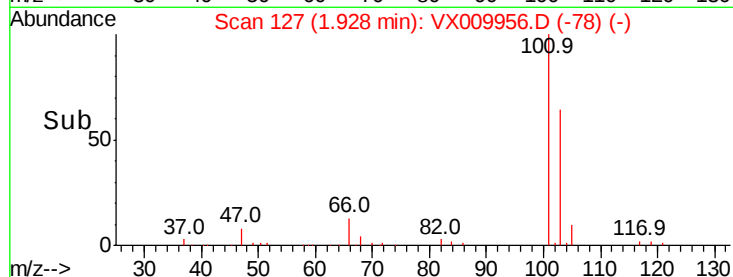
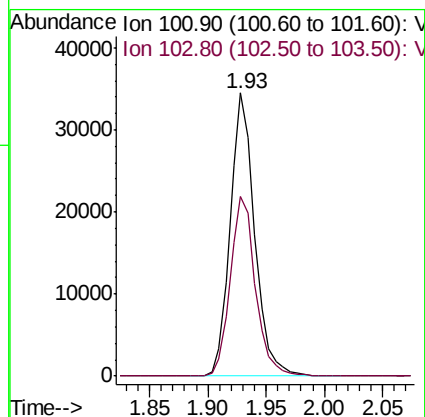
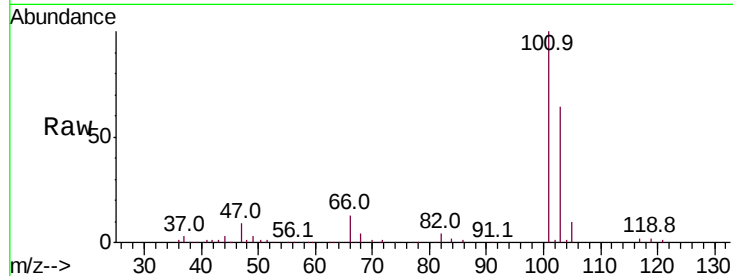
Trichlorofluoromethane
Concen: 19.057 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

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VX0530WBSD01

Tot Ion:101 Resp: 50441
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.4

Manual Integrations
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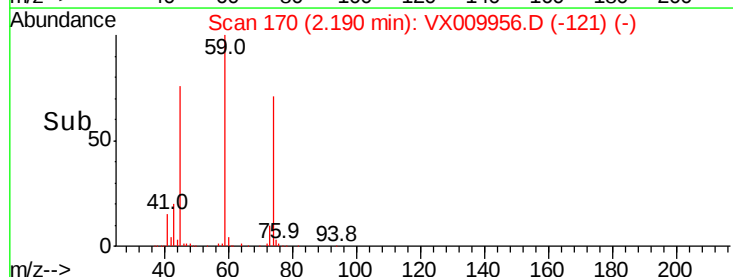
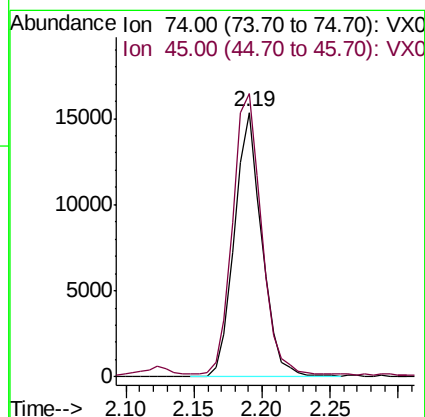
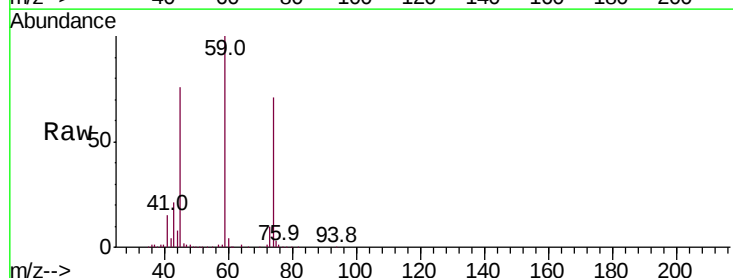
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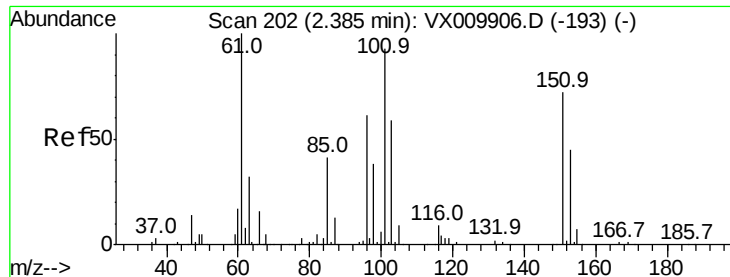


#8

Diethyl Ether
Concen: 17.383 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion: 74 Resp: 21621
Ion Ratio Lower Upper
74 100
45 111.5 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.957 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

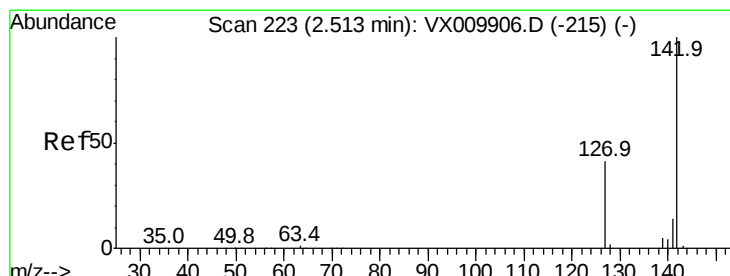
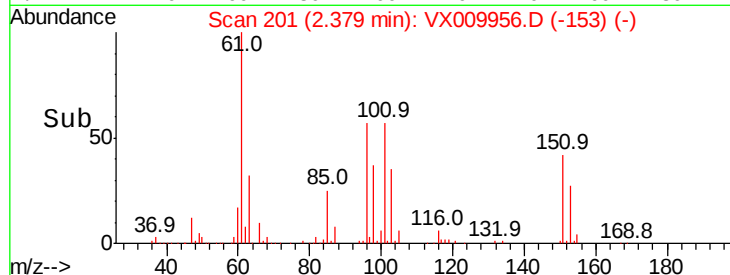
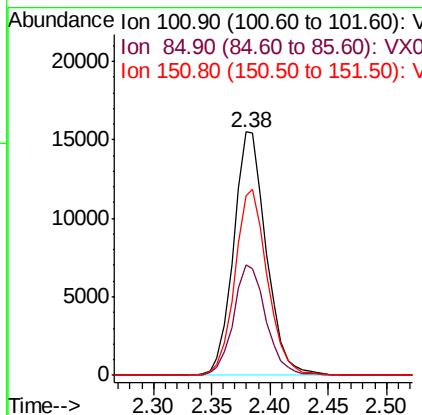
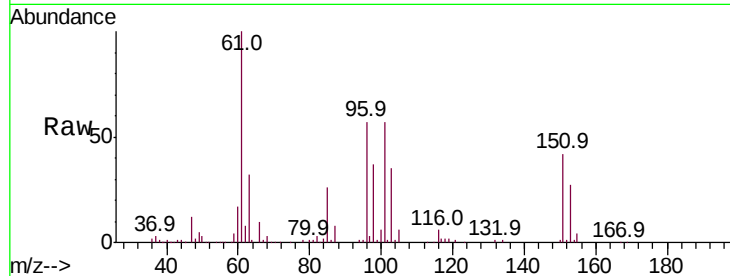
ClientSampleId :

VX0530WBSD01

Tot Ion:	101	Resp:	30293
Ion Ratio	Lower	Upper	
101	100		
85	45.2	35.2	52.8
151	76.2	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.435 ug/l

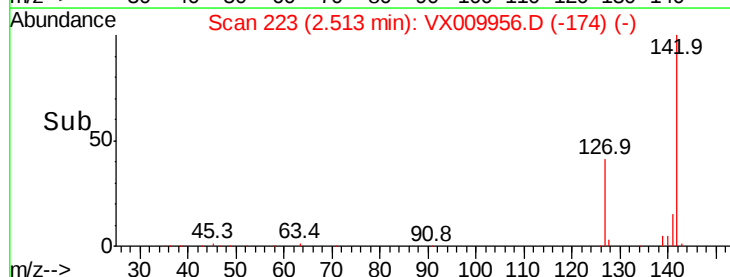
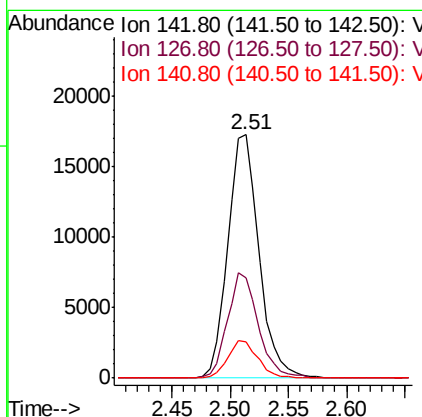
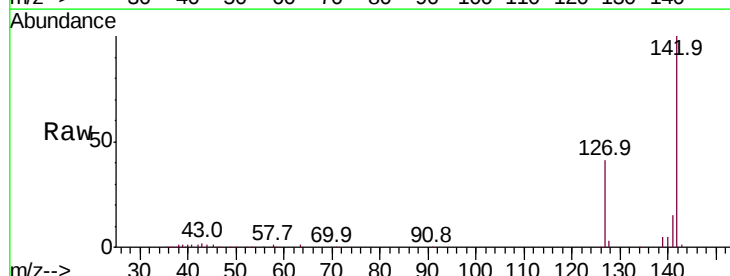
RT: 2.51 min Scan# 223

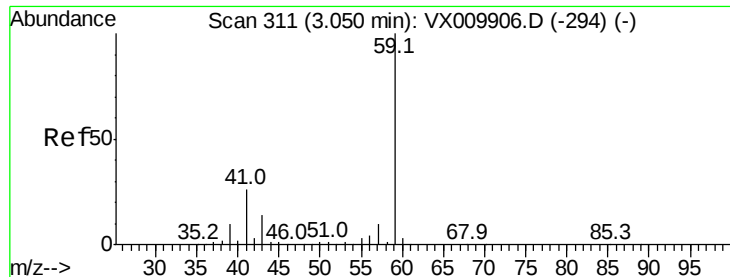
Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Tgt Ion:	142	Resp:	32247
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.0	49.4
141	14.8	11.4	17.0





#11

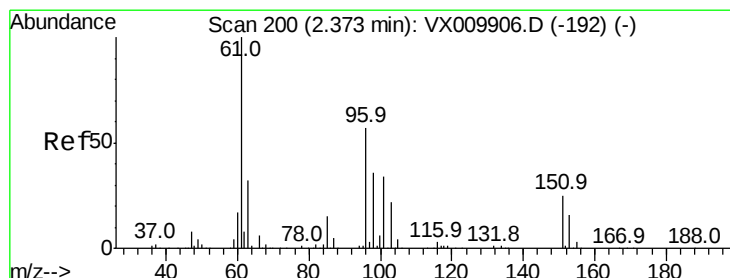
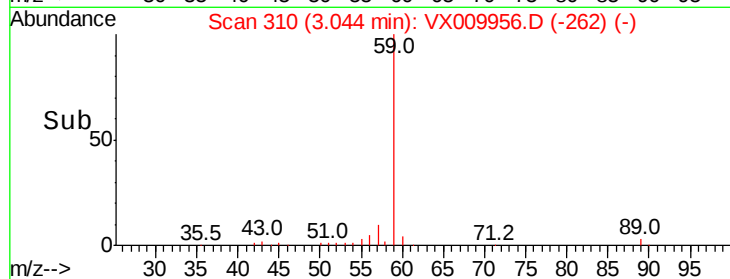
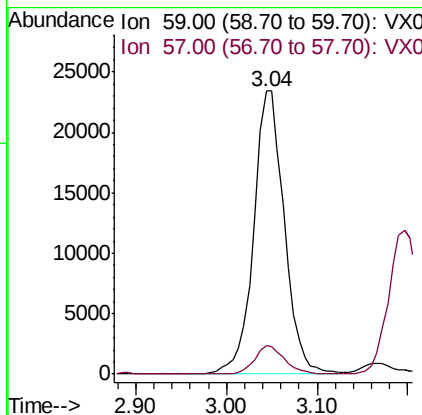
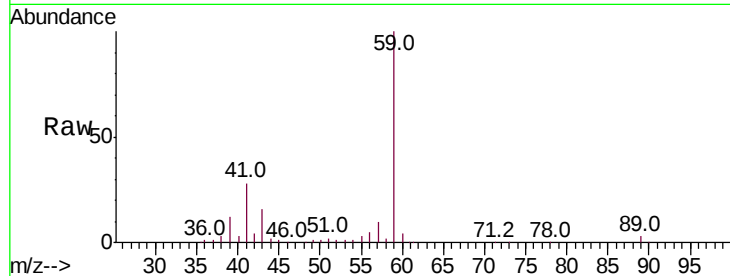
Tert butyl alcohol
 Concen: 97.375 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0530WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

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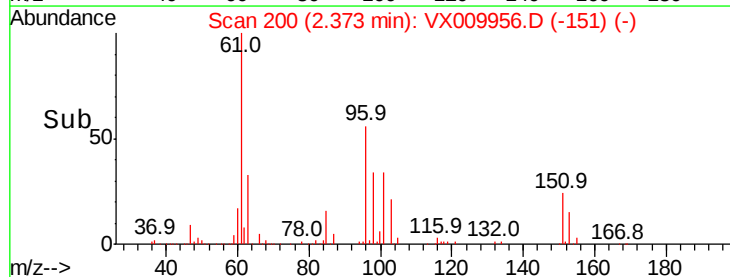
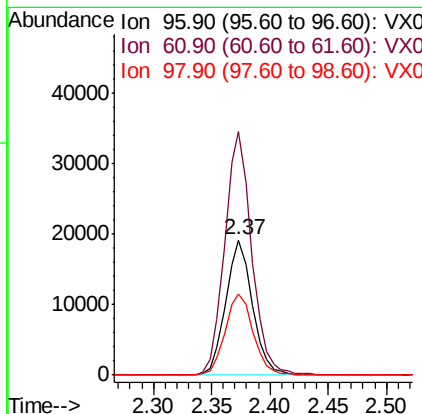
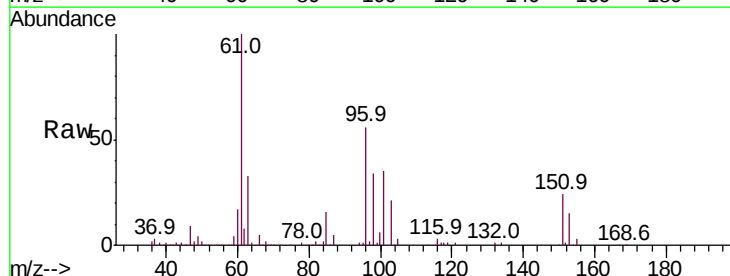
MMDadoda
 5/31/2019 9:23:51 AM

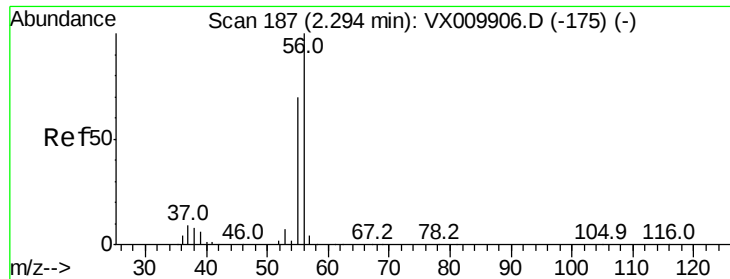


#12

1,1-Dichloroethene
 Concen: 18.735 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.1	140.7	211.1
98	60.4	50.1	75.1





#13

Acrolein

Concen: 95.394 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

Tot Ion: 56 Resp: 32340

Ion Ratio Lower Upper

56 100

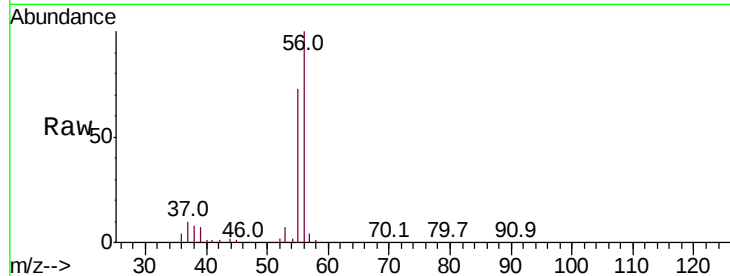
55 70.7 57.0 85.4

Manual Integrations

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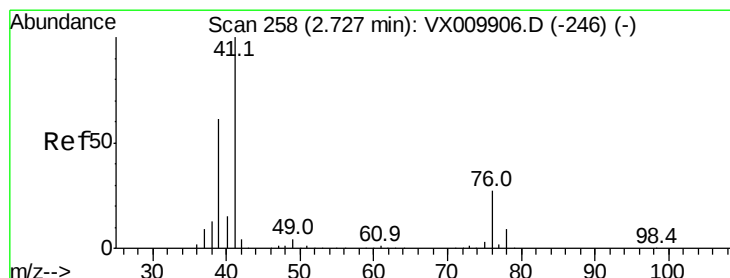
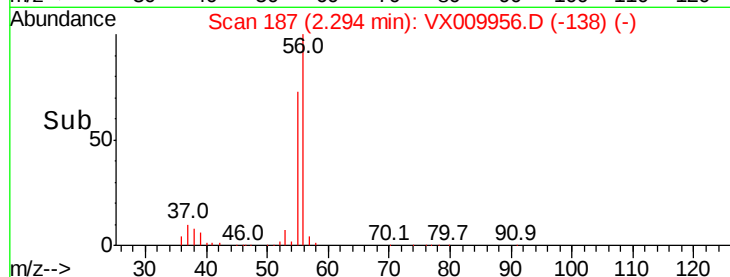
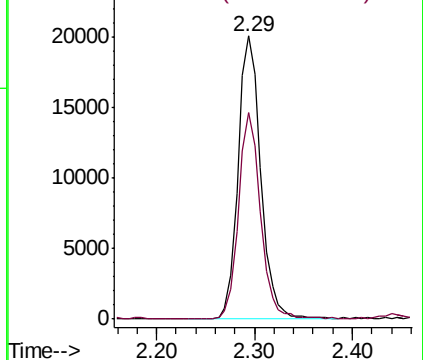
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.891 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

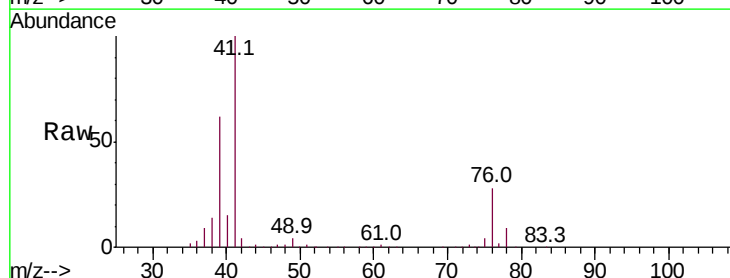
Tgt Ion: 41 Resp: 75207

Ion Ratio Lower Upper

41 100

39 59.1 46.7 70.1

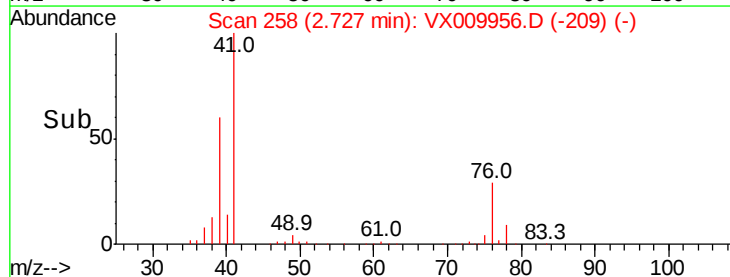
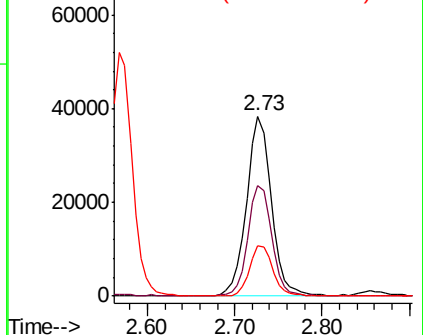
76 26.3 21.0 31.4

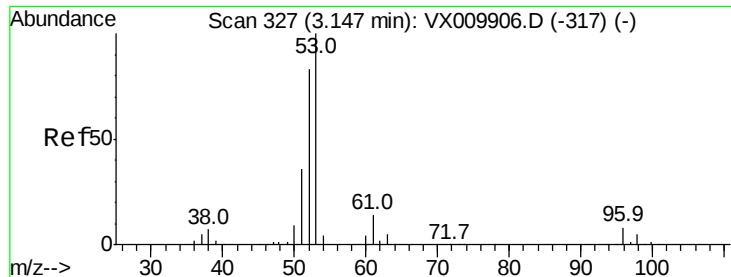


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 95.548 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

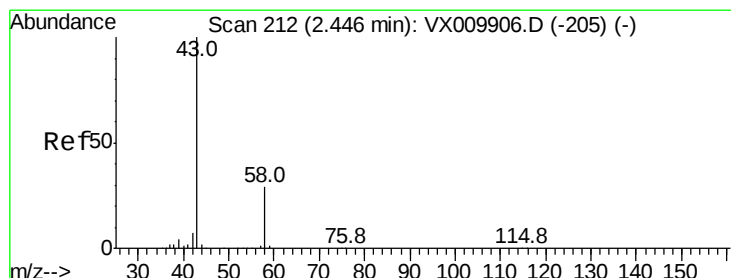
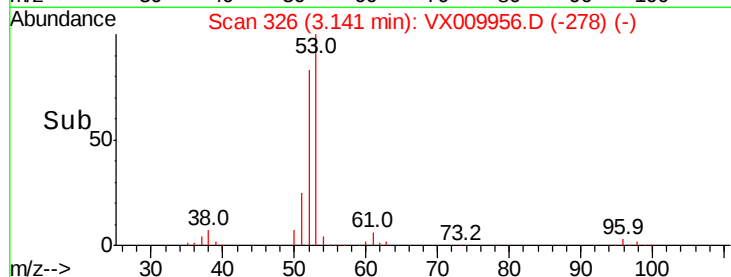
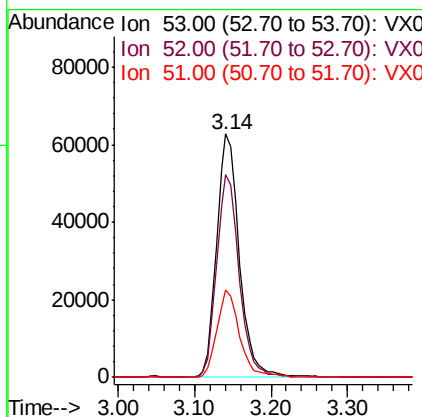
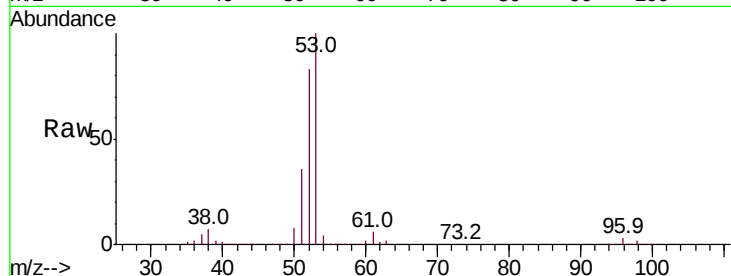
ClientSampleId :

VX0530WBSD01

Tot Ion:	53	Resp:	129444
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.7	100.1
51	35.9	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 93.768 ug/l

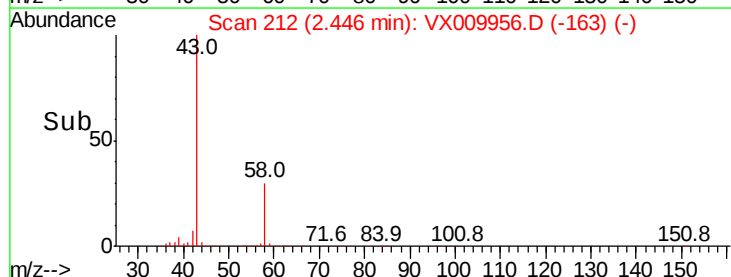
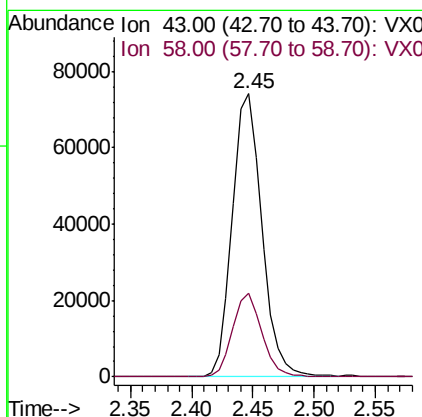
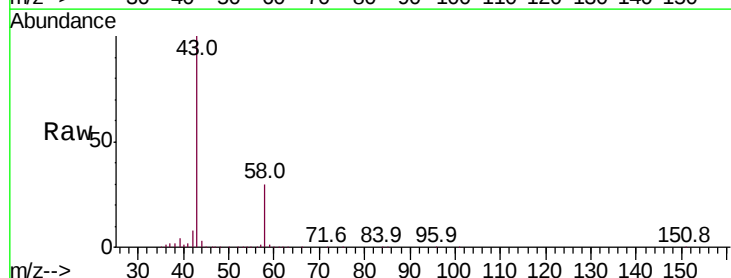
RT: 2.45 min Scan# 212

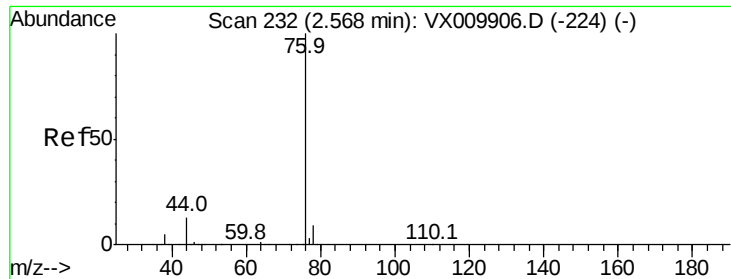
Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Tgt Ion:	43	Resp:	123778
Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.2	34.8





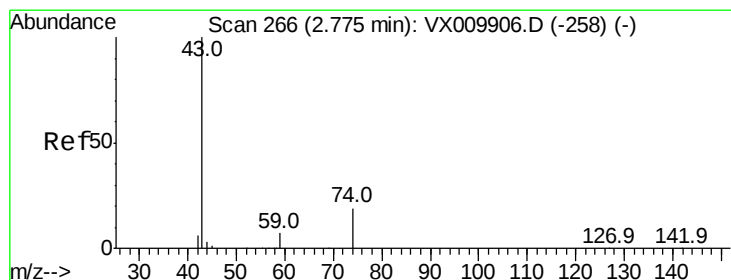
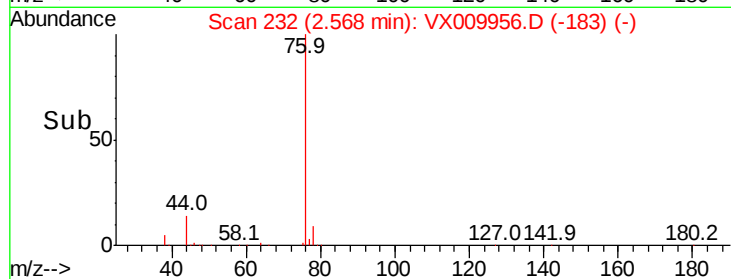
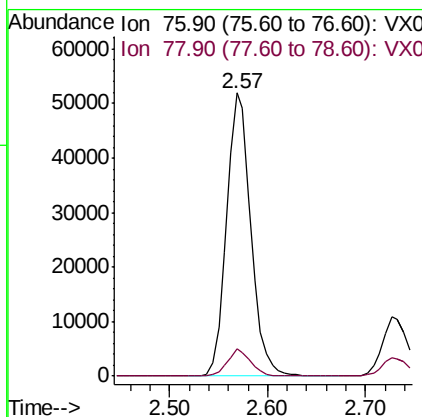
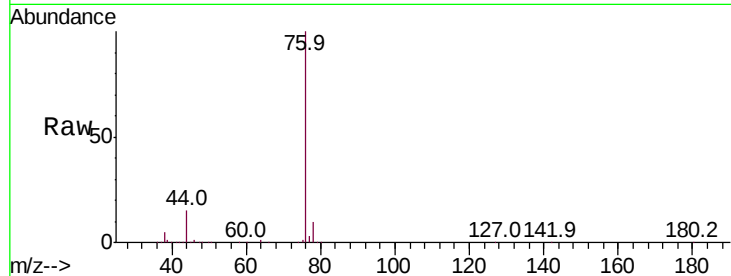
#17
Carbon Disulfide
Concen: 18.251 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion: 76 Resp: 89299
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

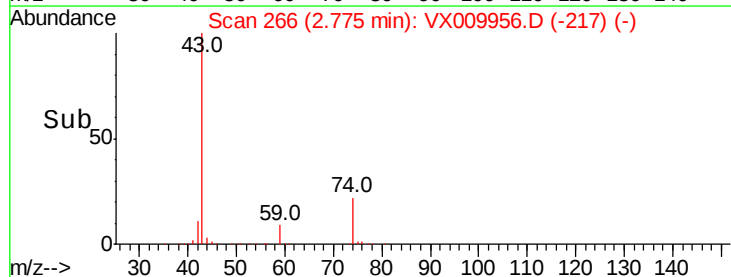
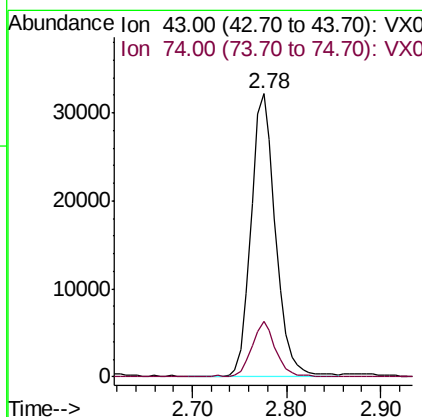
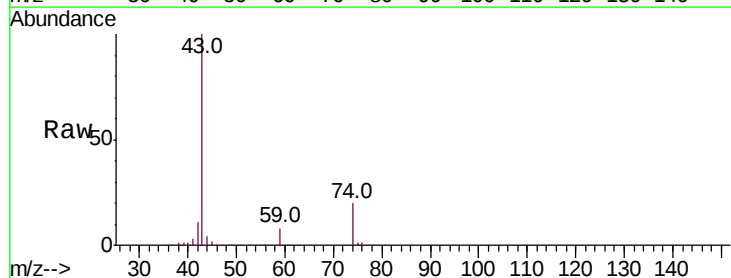
Manual Integrations
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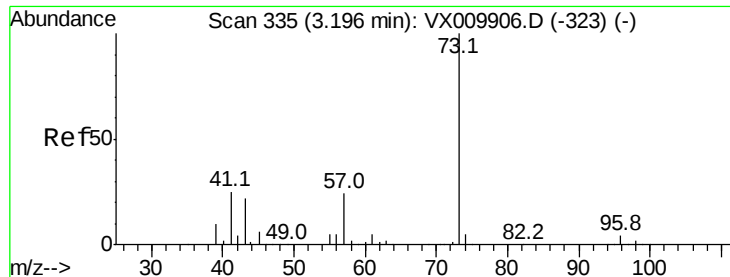
MMDadoda
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#18
Methyl Acetate
Concen: 19.076 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion: 43 Resp: 58592
Ion Ratio Lower Upper
43 100
74 18.8 15.8 23.6





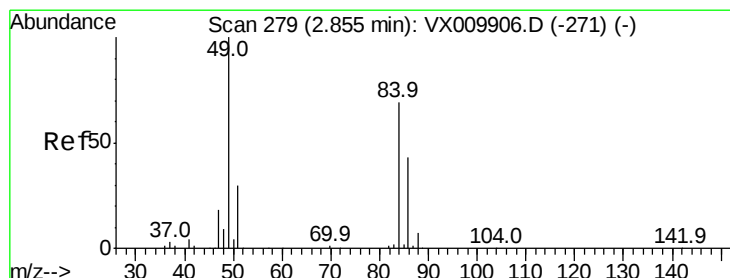
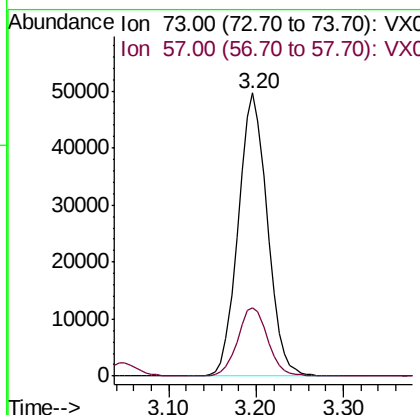
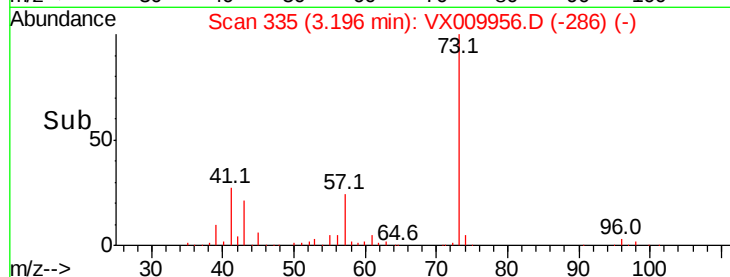
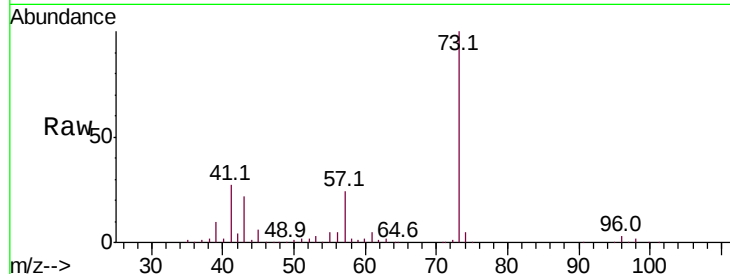
#19
Methvl tert-butvl Ether
Concen: 18.567 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.4	29.2

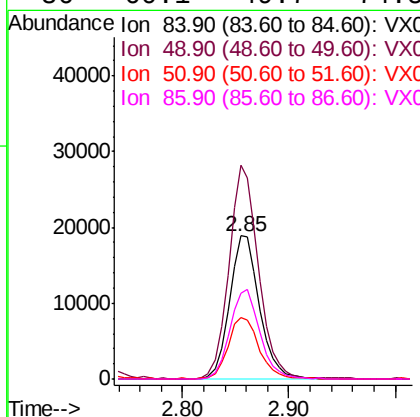
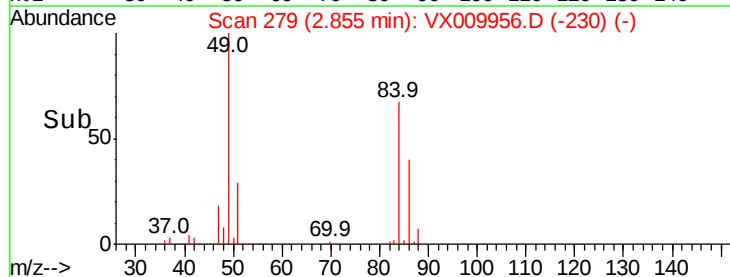
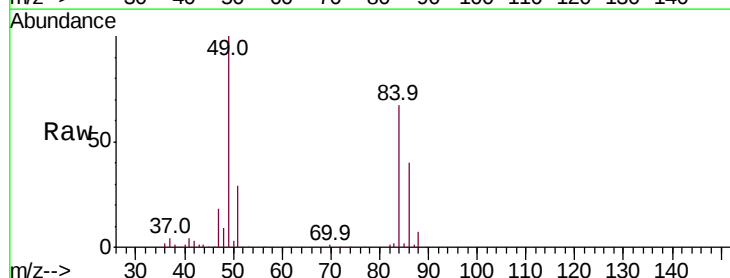
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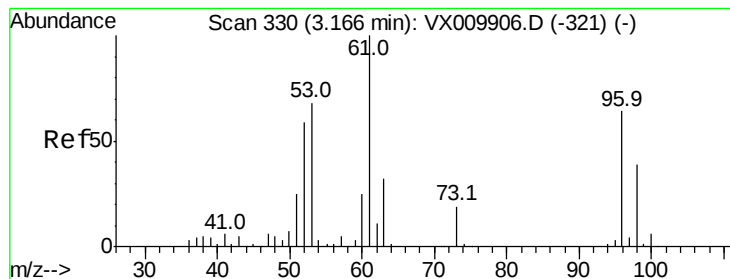
MMDadoda
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#20
Methylene Chloride
Concen: 18.393 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	148.6	115.8	173.6
51	43.1	34.4	51.6
86	60.1	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 17.863 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

Tot Ion: 96 Resp: 32556

Ion Ratio Lower Upper

96 100

61 154.2 125.7 188.5

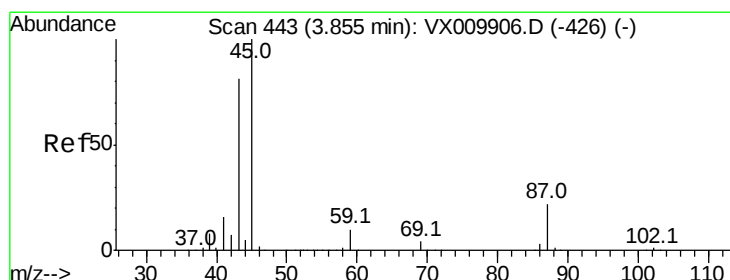
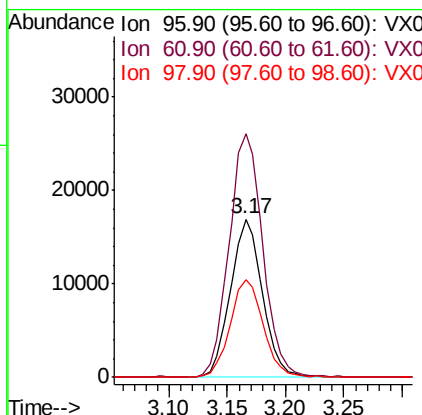
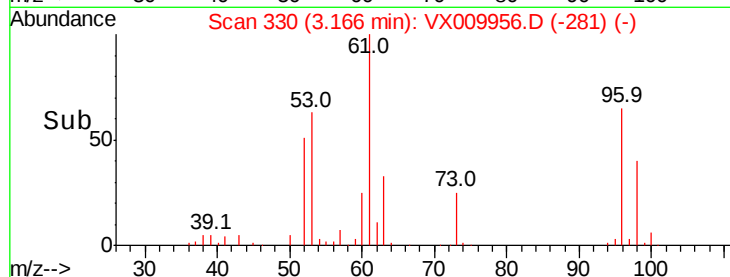
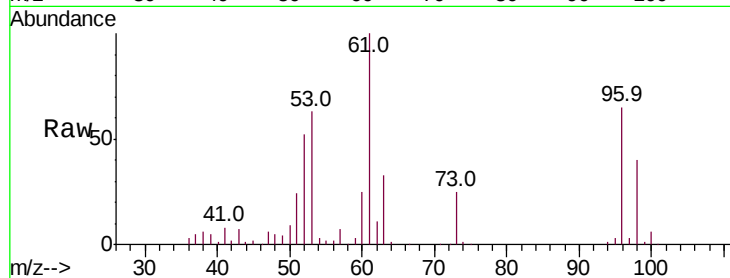
98 61.6 49.0 73.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.280 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Tgt Ion: 45 Resp: 146041

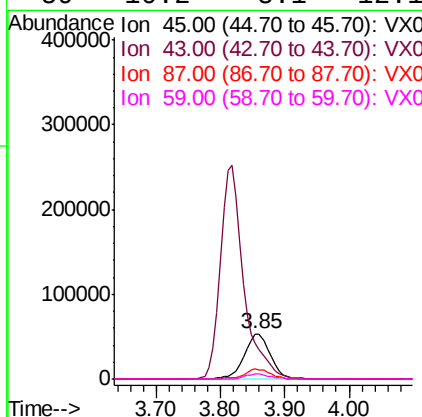
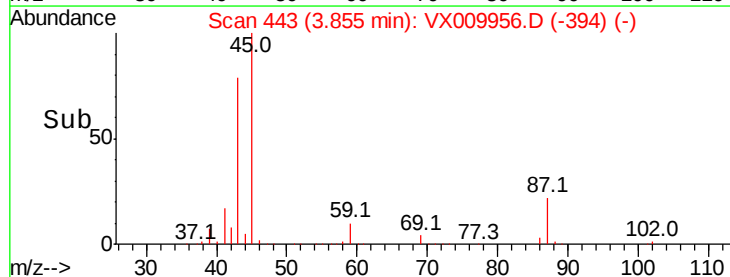
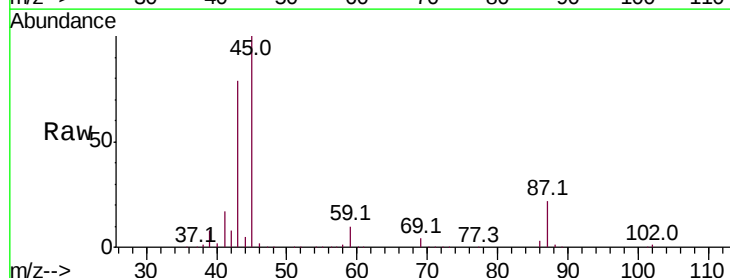
Ion Ratio Lower Upper

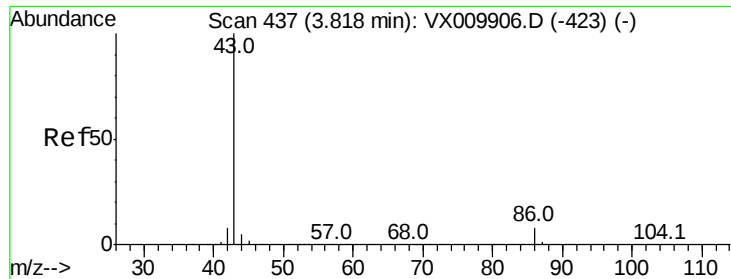
45 100

43 79.2 65.0 97.4

87 22.1 17.3 25.9

59 10.2 8.1 12.1





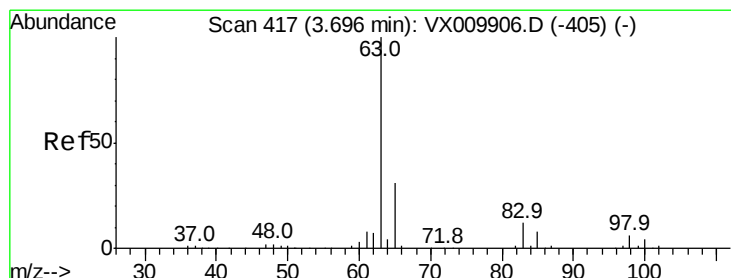
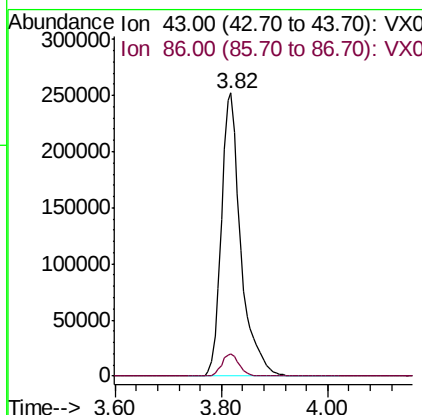
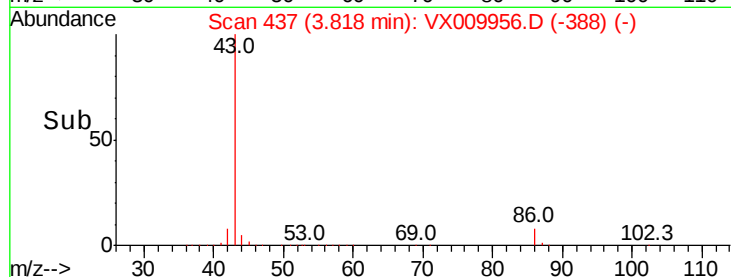
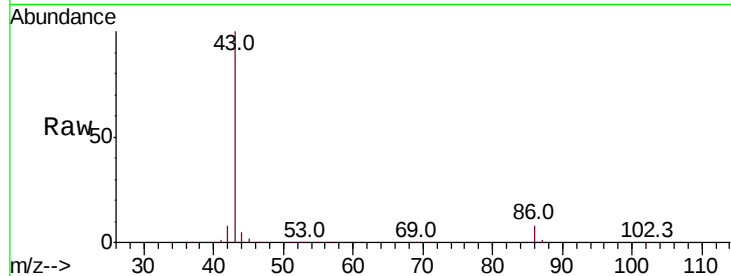
#23
Vinvl Acetate
Concen: 94.770 ug/l
RT: 3.82 min Scan# 437
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion: 43 Resp: 644890
Ion Ratio Lower Upper
43 100
86 8.0 6.5 9.7

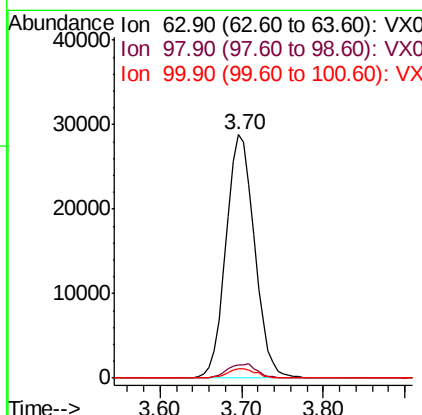
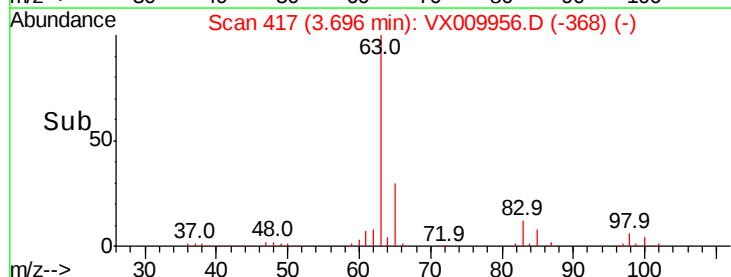
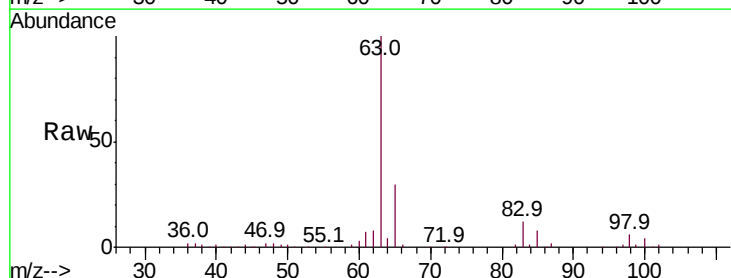
Manual Integrations
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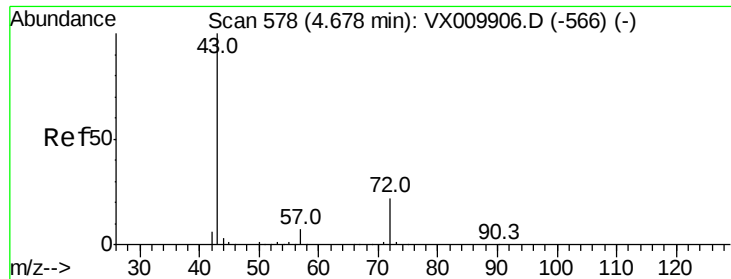
MMDadoda
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#24
1,1-Dichloroethane
Concen: 18.958 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion: 63 Resp: 69591
Ion Ratio Lower Upper
63 100
98 5.7 2.9 8.8
100 3.9 1.8 5.4





#25

2-Butanone

Concen: 95.800 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

Tot Ion: 43 Resp: 197022

Ion Ratio Lower Upper

43 100

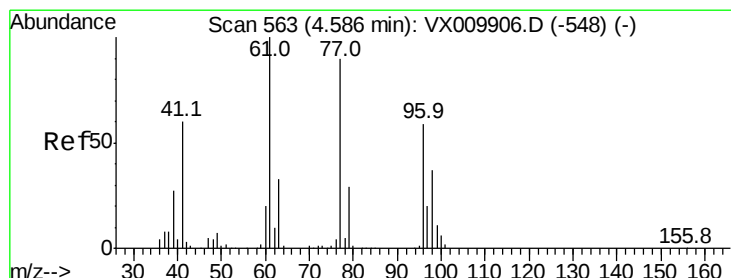
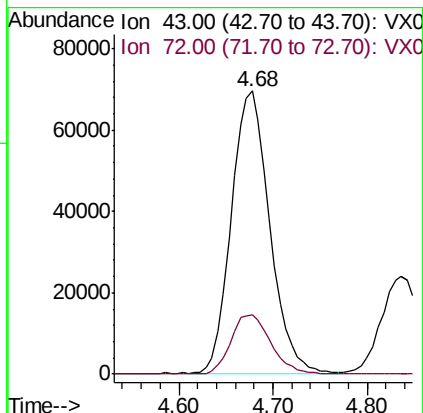
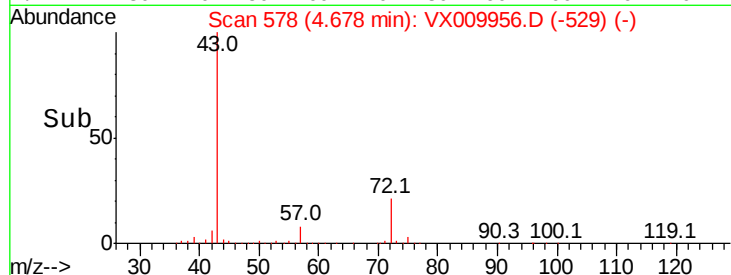
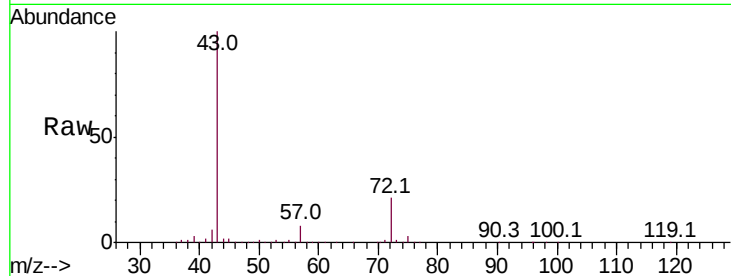
72 20.9 17.5 26.3

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#26

2,2-Dichloropropane

Concen: 17.890 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX009956.D

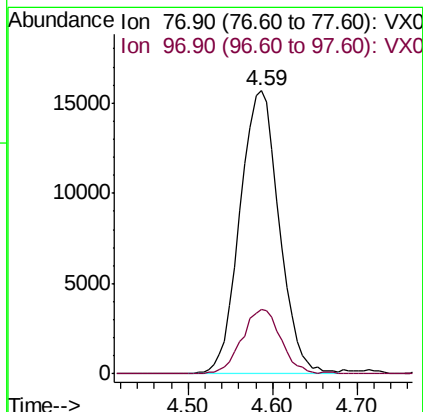
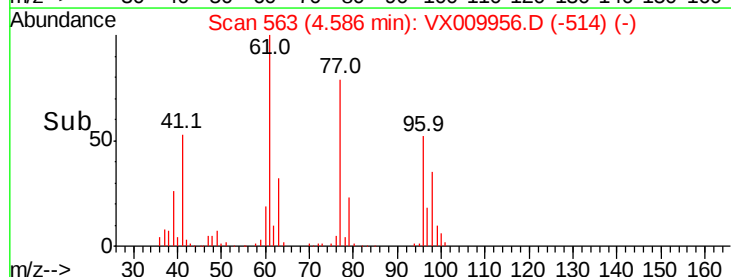
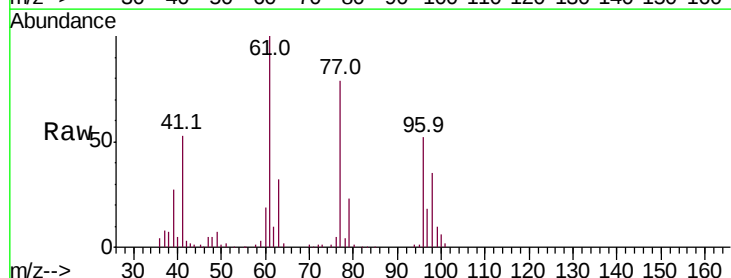
Acq: 30 May 2019 13:31

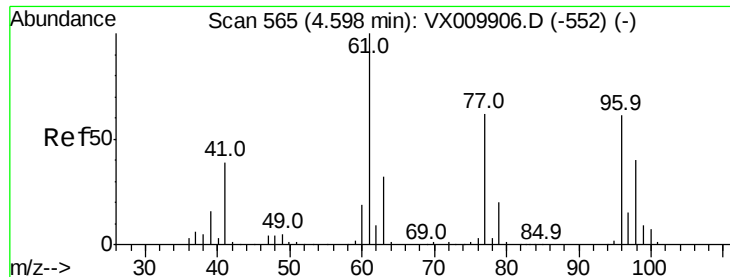
Tgt Ion: 77 Resp: 49678

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2





#27

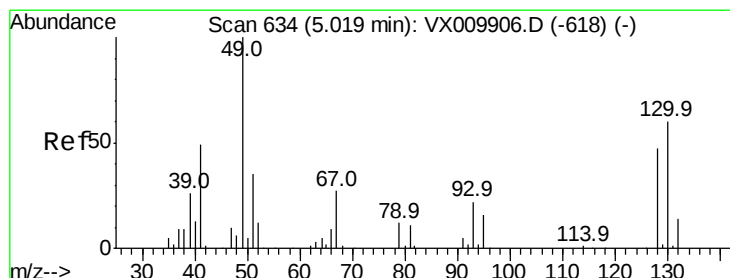
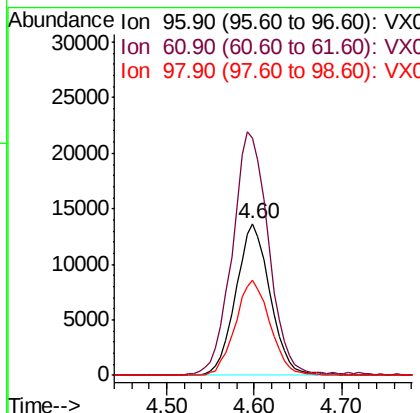
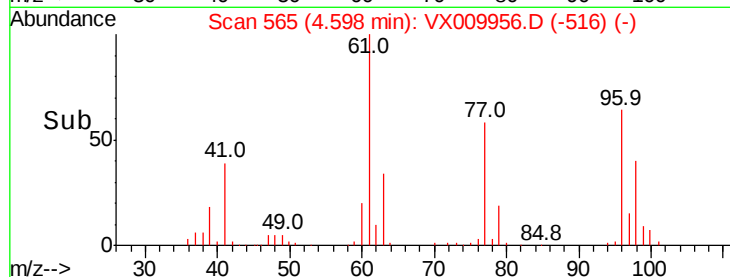
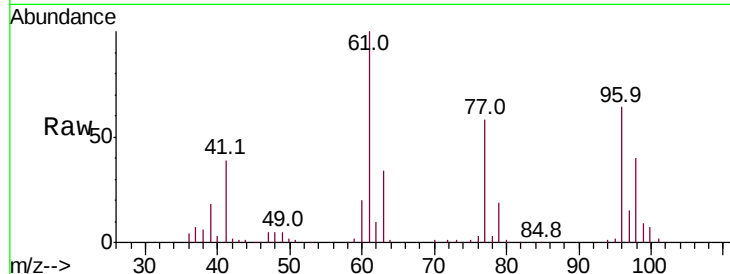
cis-1,2-Dichloroethene
Concen: 17.715 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	169.4	0.0	334.0
98	63.8	0.0	131.6

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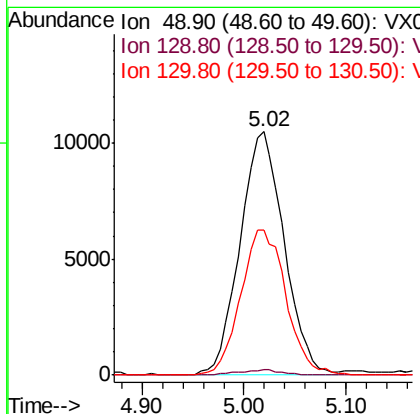
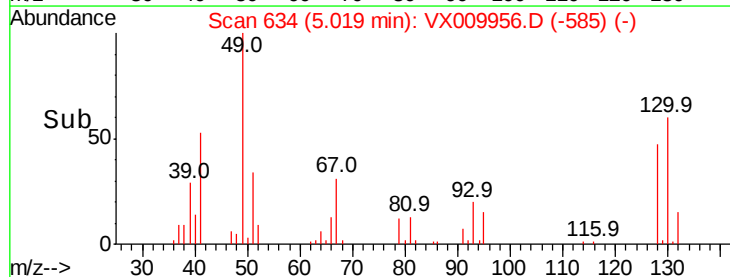
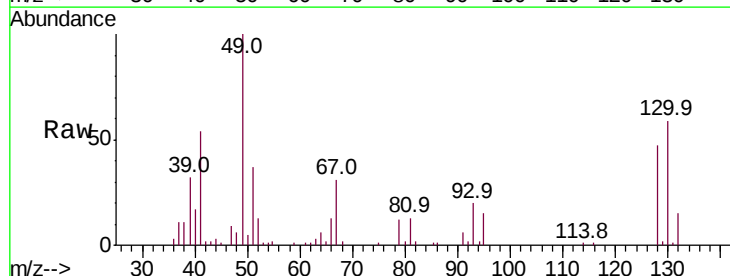
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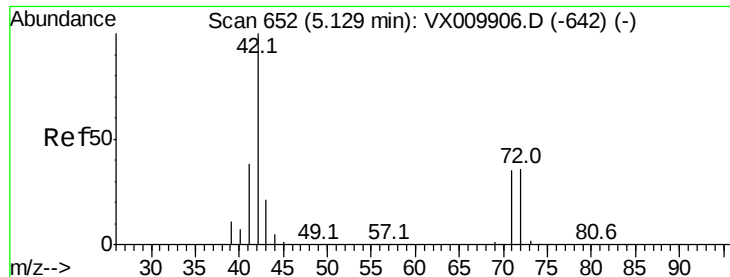


#28

Bromochloromethane
Concen: 16.560 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.4
130	61.0	49.4	74.2





#29

Tetrahydrofuran

Concen: 96.631 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

Tot Ion: 42 Resp: 127439

Ion Ratio Lower Upper

42 100

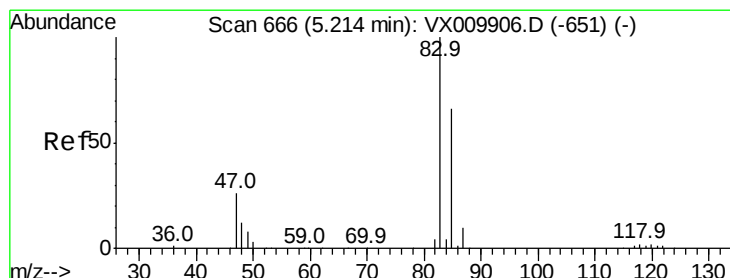
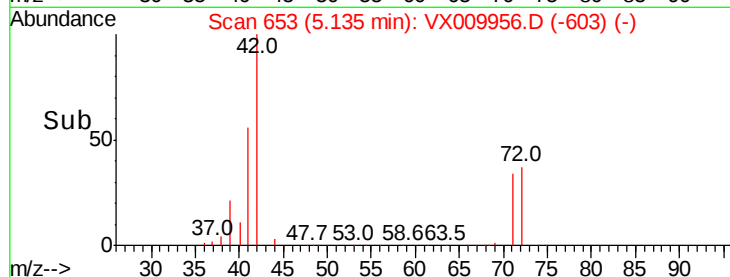
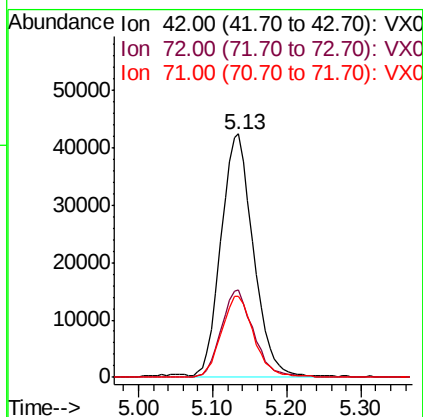
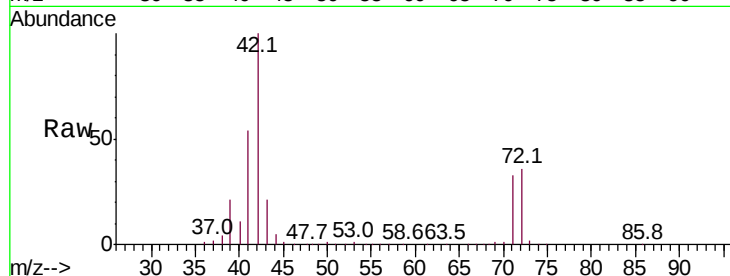
72 36.2 29.2 43.8

71 33.8 27.6 41.4

Manual Integrations
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#30

Chloroform

Concen: 18.628 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX009956.D

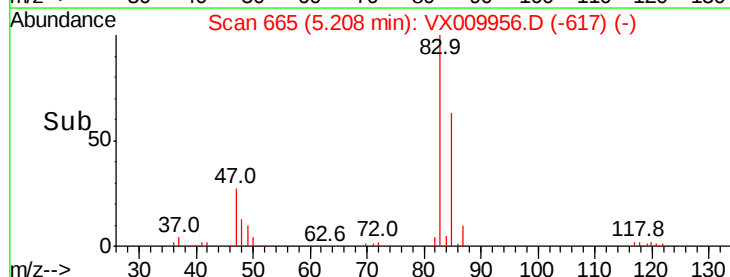
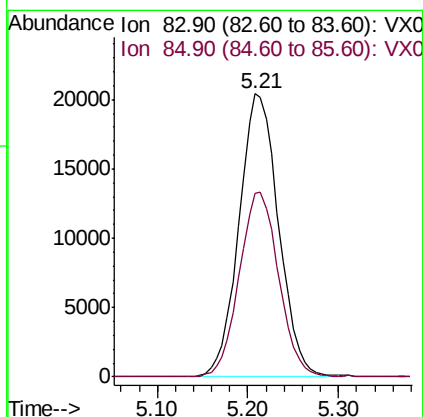
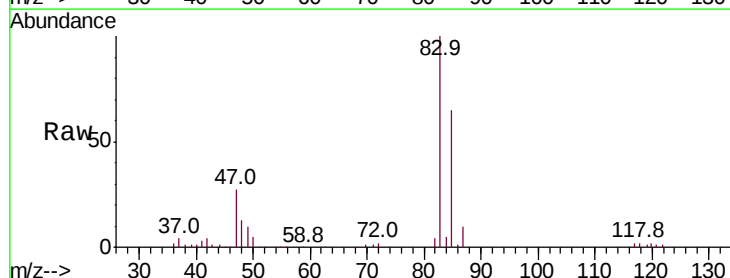
Acq: 30 May 2019 13:31

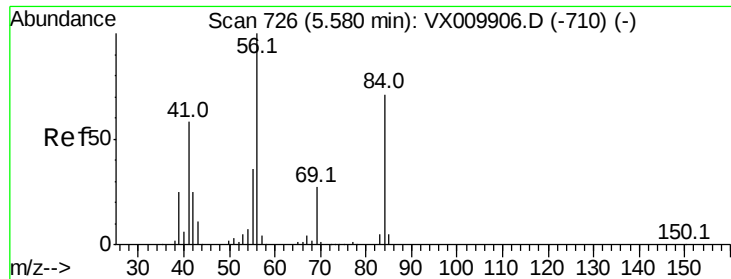
Tgt Ion: 83 Resp: 61670

Ion Ratio Lower Upper

83 100

85 64.7 52.6 78.8





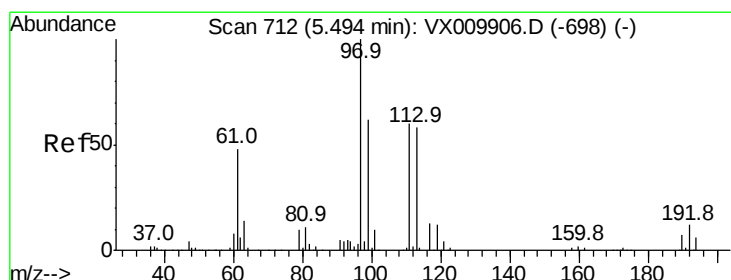
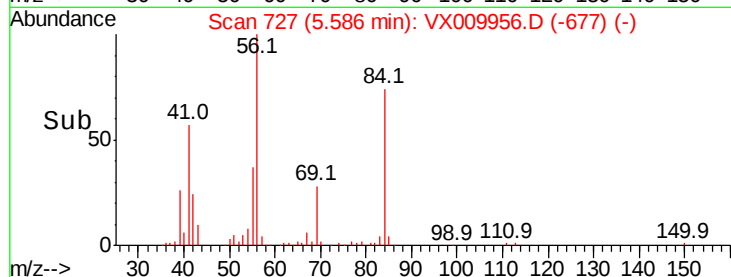
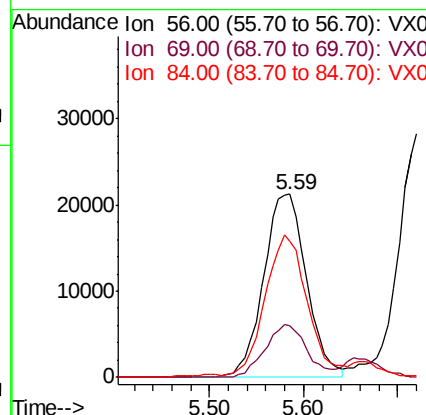
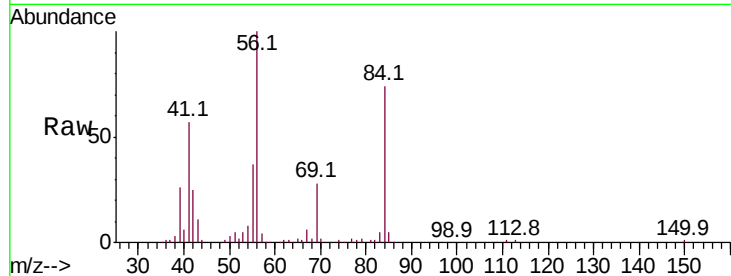
#31
Cyclohexane
Concen: 19.437 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.1	21.6	32.4
84	73.2	56.8	85.2

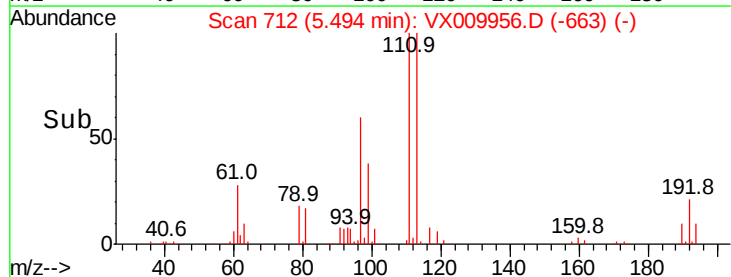
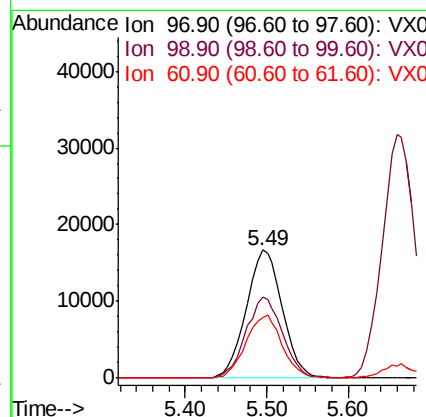
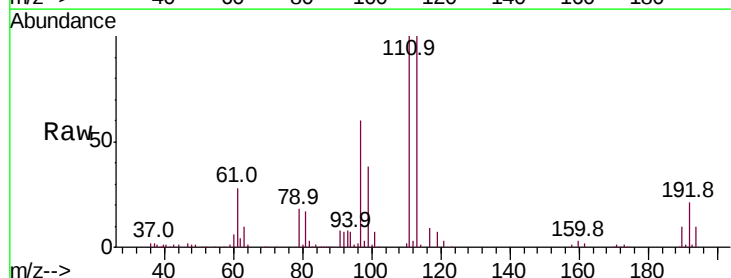
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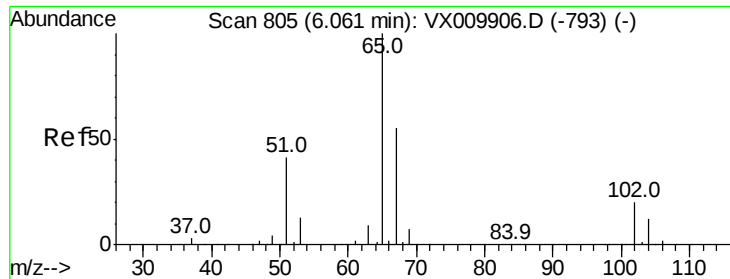
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#32
1,1,1-Trichloroethane
Concen: 19.010 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	49.6	38.7	58.1





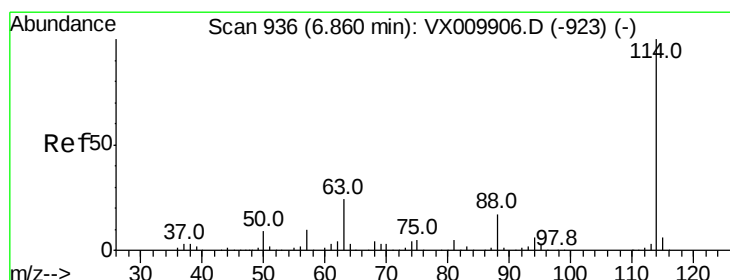
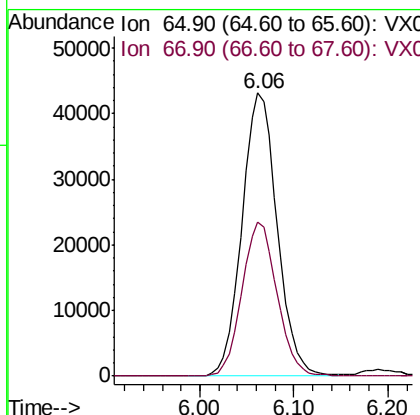
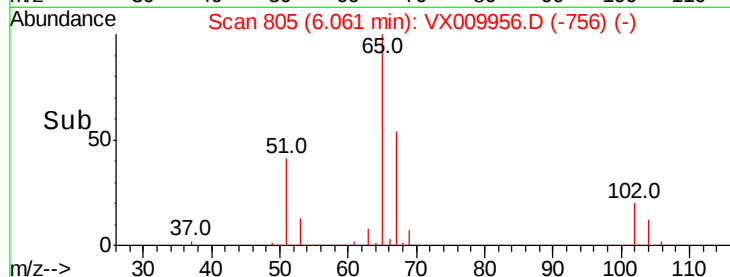
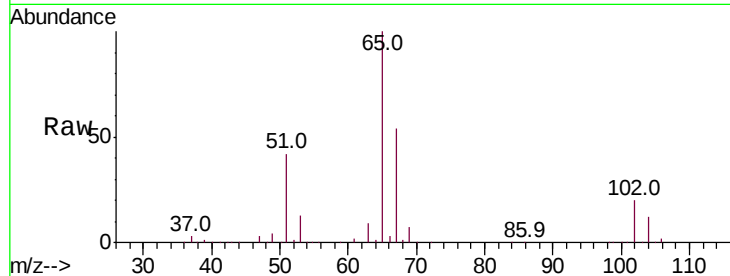
#33
 1,2-Dichloroethane-d4
 Concen: 49.396 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0530WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	112855		
67	54.2	0.0	108.4	

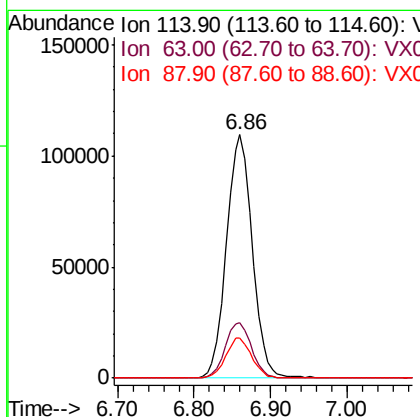
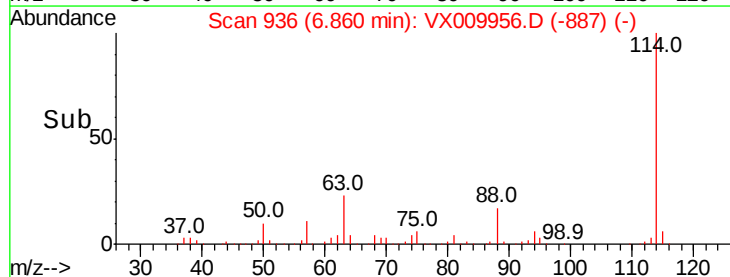
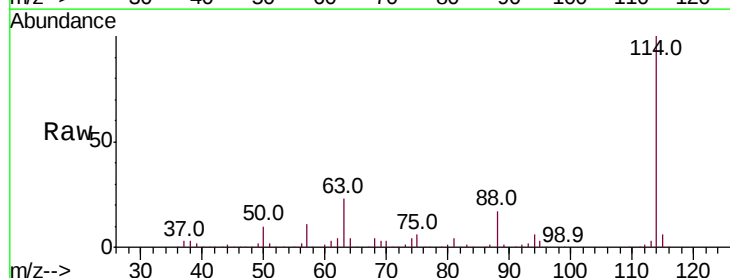
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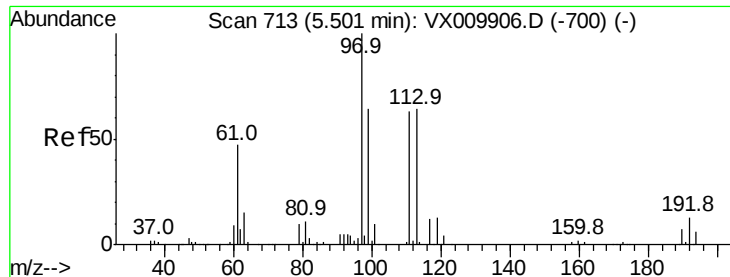
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	255677		
63	22.9	0.0	47.4	
88	16.6	0.0	33.0	





#35

Dibromofluoromethane

Concen: 50.244 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

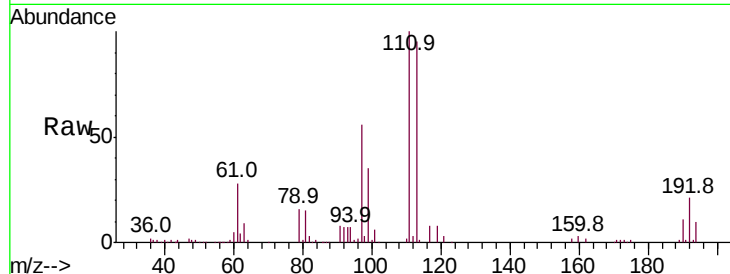
ClientSampleId :

VX0530WBSD01

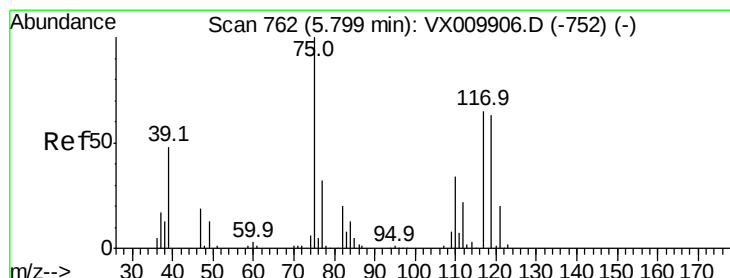
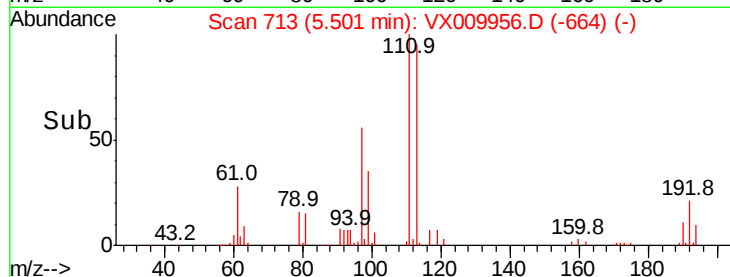
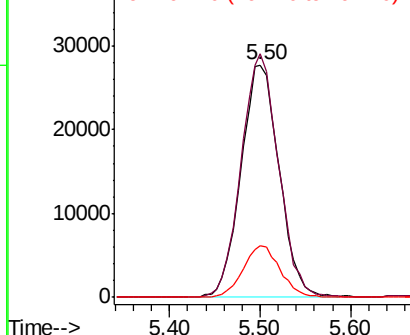
Tot Ion:	113	Resp:	80765
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.2	123.2
192	21.5	17.1	25.7

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.252 ug/l

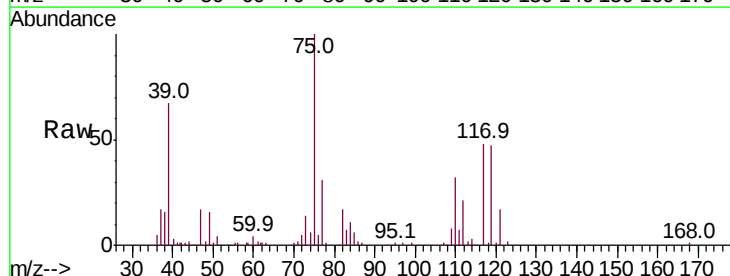
RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

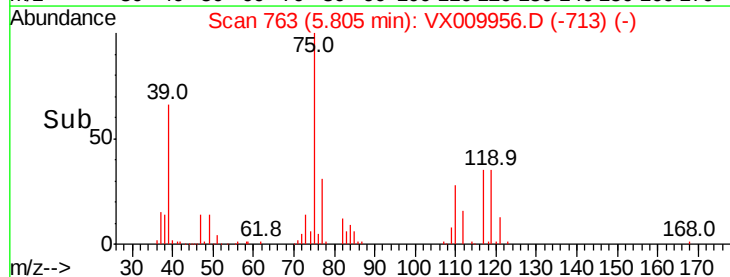
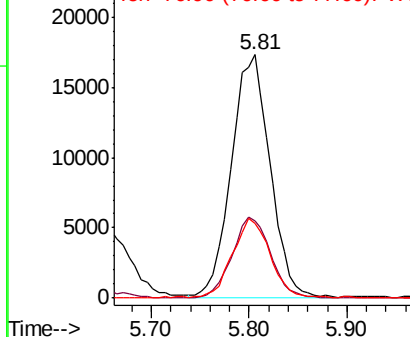
Lab File: VX009956.D

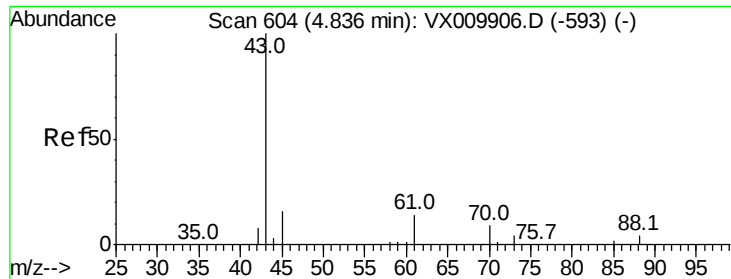
Acq: 30 May 2019 13:31

Tgt Ion:	75	Resp:	47349
Ion Ratio	Lower	Upper	
75	100		
110	33.2	16.7	50.1
77	32.1	25.0	37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





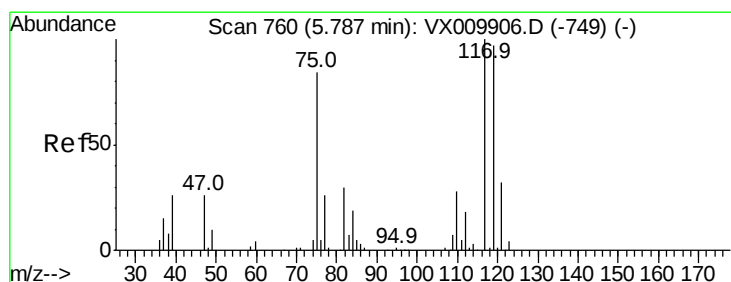
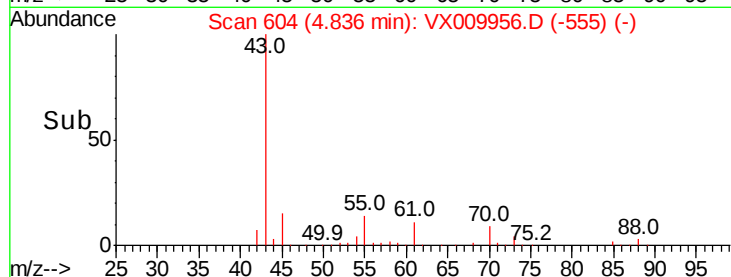
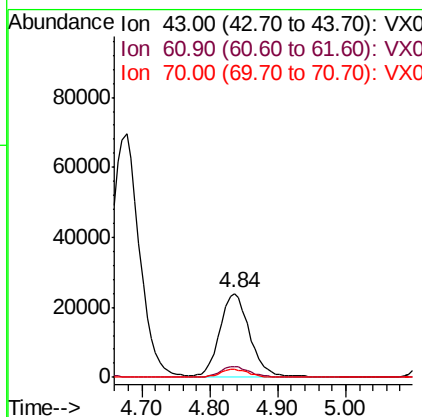
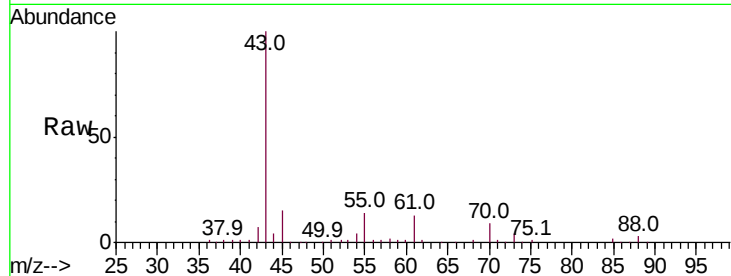
#37
Ethyl Acetate
Concen: 19.954 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.2	15.2
70	9.2	7.4	11.2

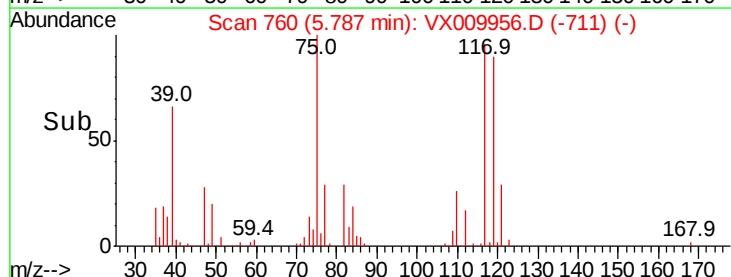
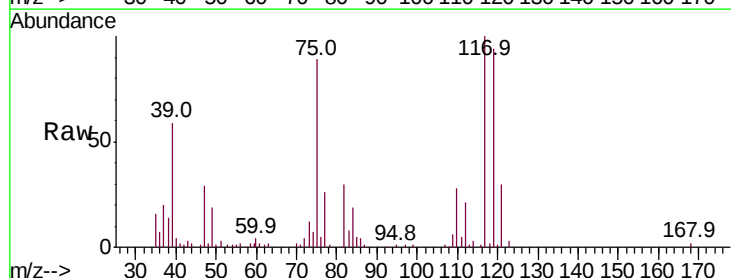
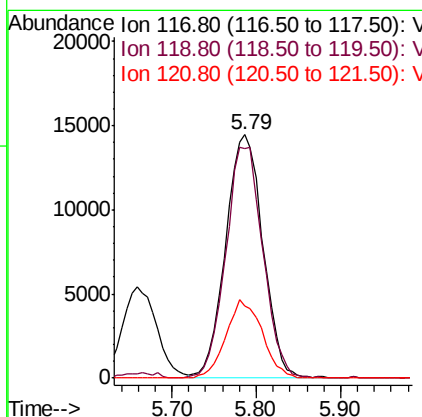
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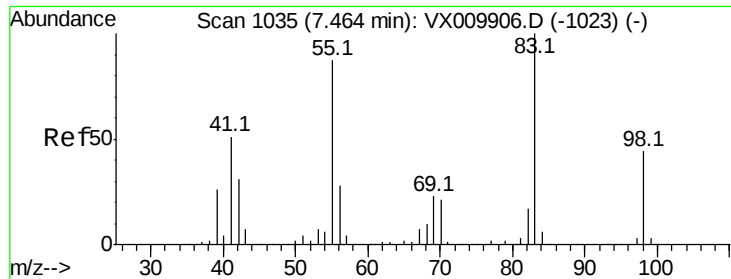
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#38
Carbon Tetrachloride
Concen: 19.368 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.3	115.9
121	29.6	25.4	38.0





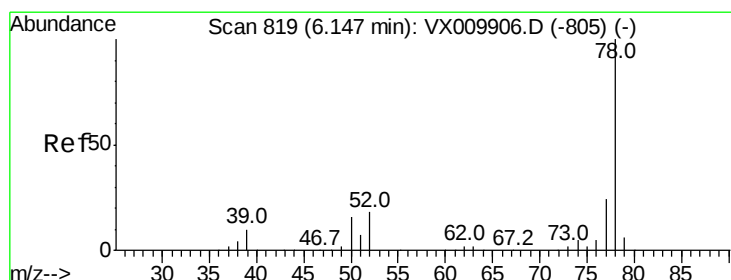
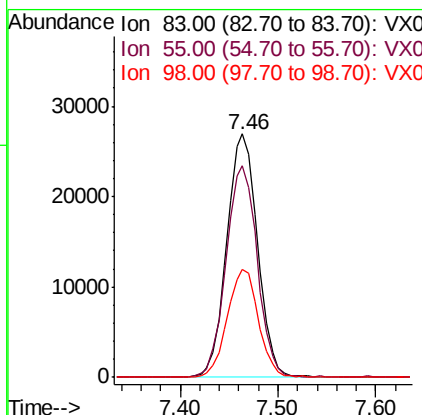
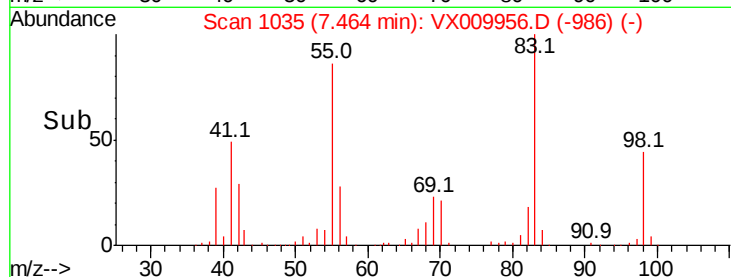
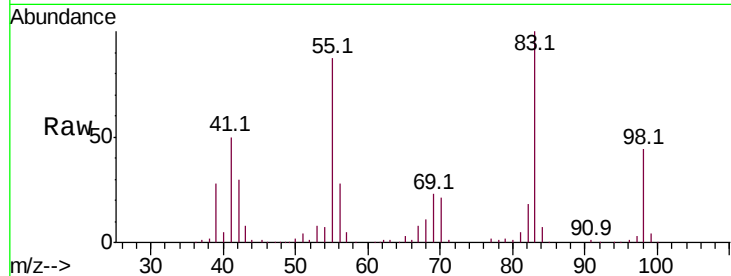
#39
Methvlcvclohexane
Concen: 19.102 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.5	69.9	104.9
98	44.3	35.1	52.7

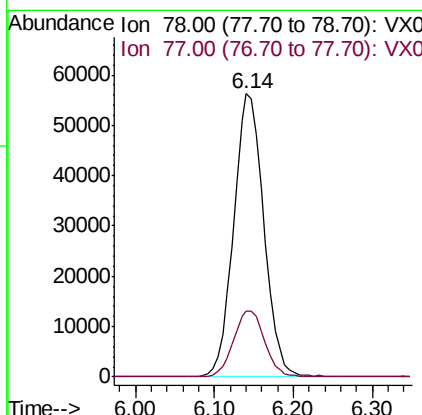
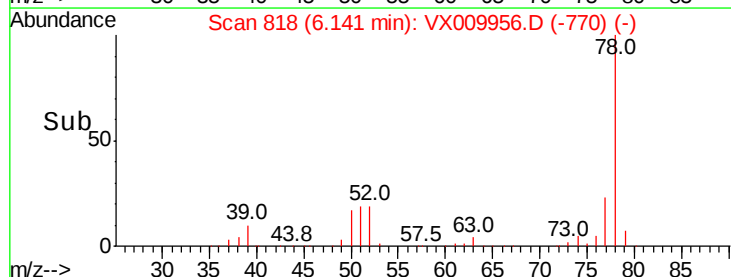
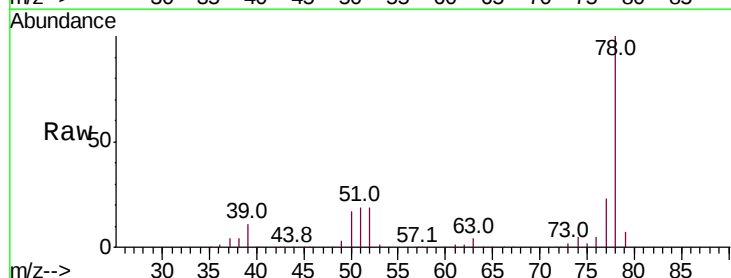
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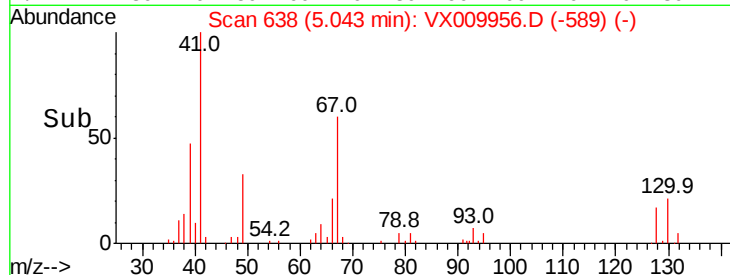
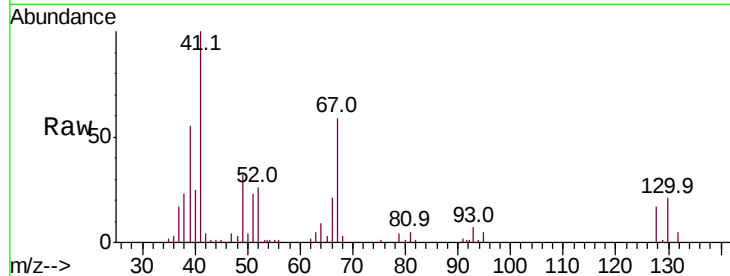
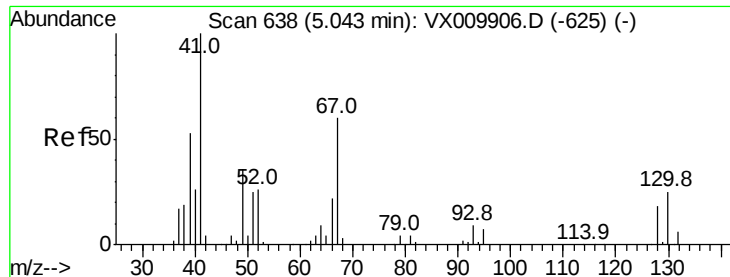
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#40
Benzene
Concen: 19.428 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





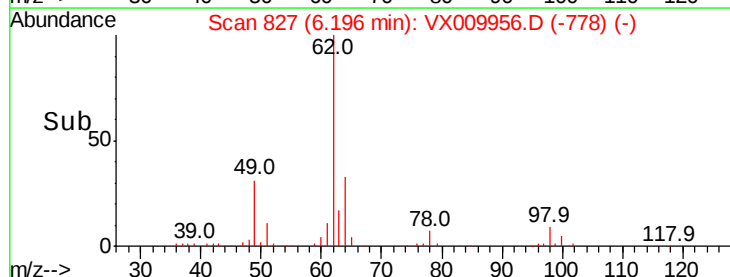
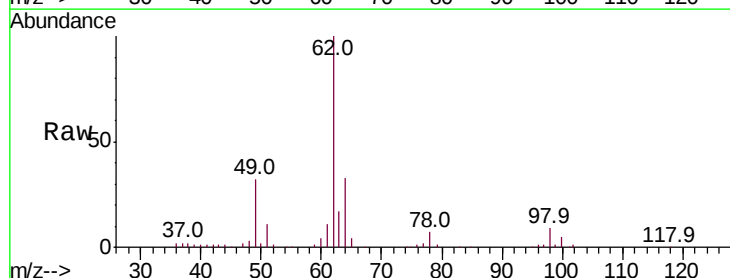
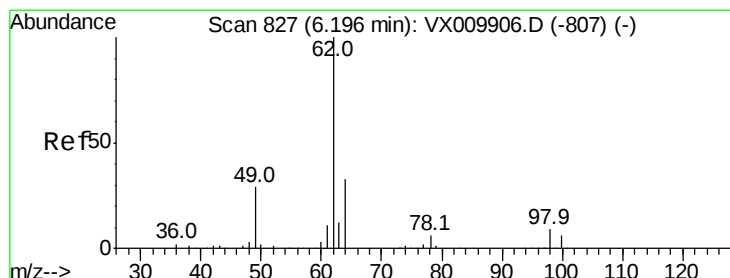
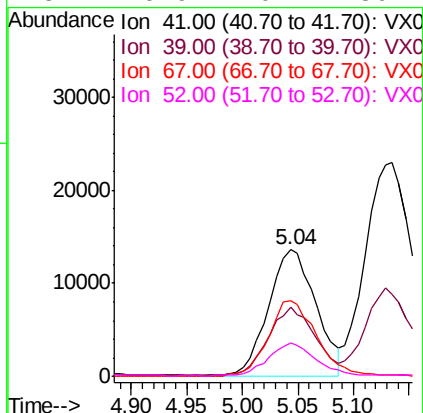
#41
Methacrylonitrile
Concen: 19.285 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.2	63.4
67	60.3	48.9	73.3
52	26.9	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

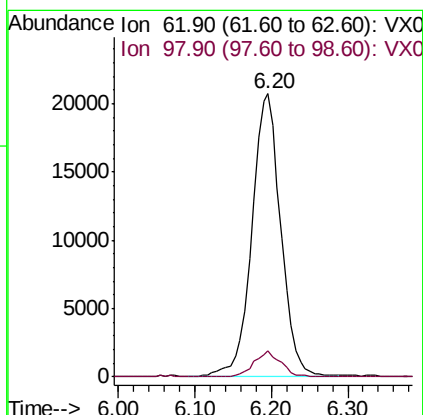
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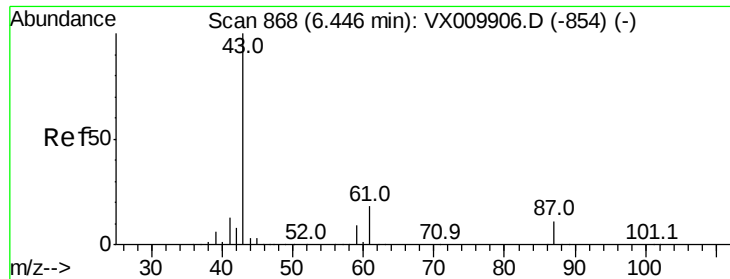
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#42
1,2-Dichloroethane
Concen: 19.252 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

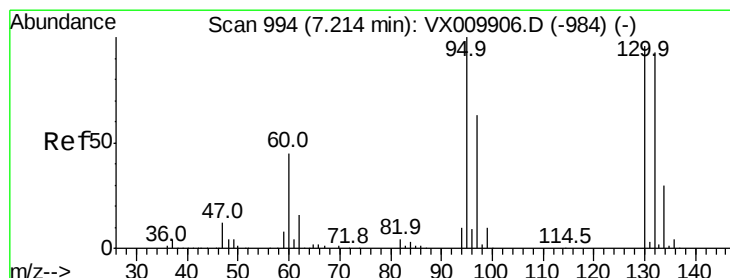
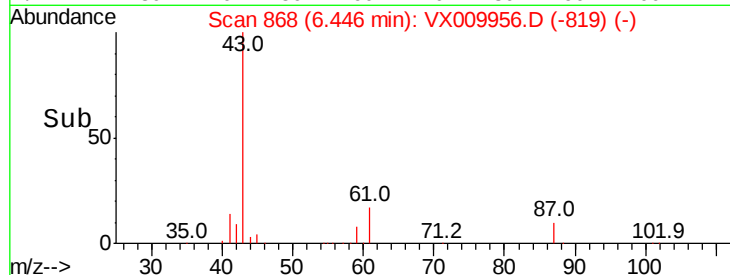
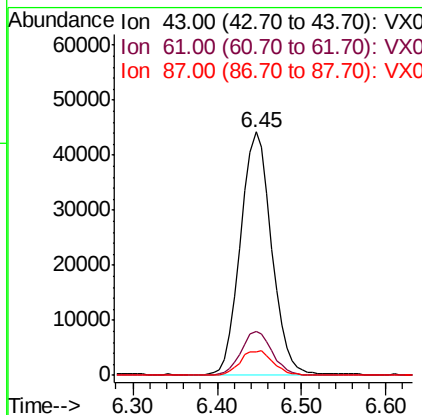
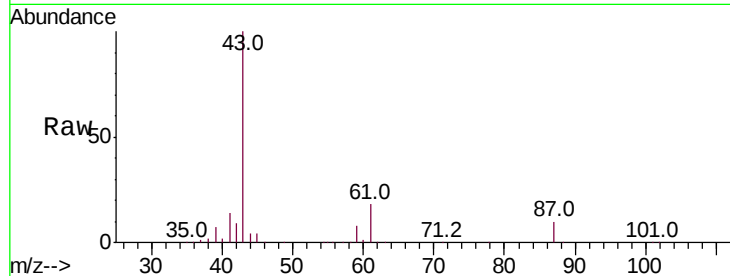
Isopropyl Acetate
 Concen: 18.858 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.6	21.8
87	10.7	8.7	13.1

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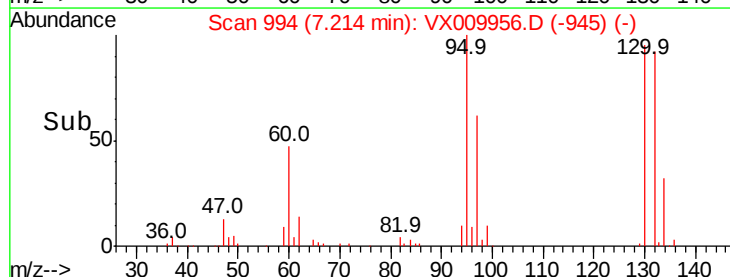
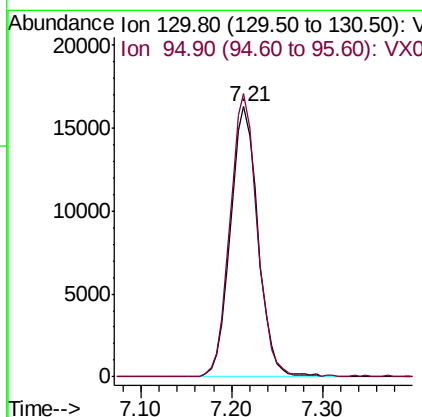
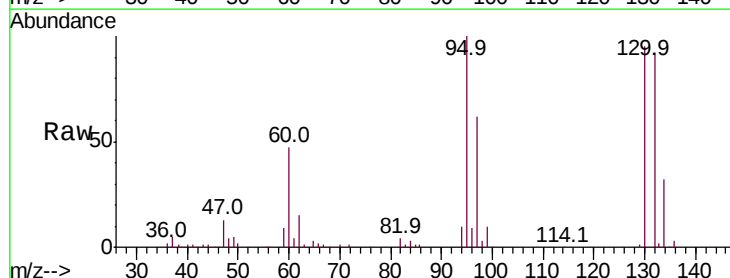
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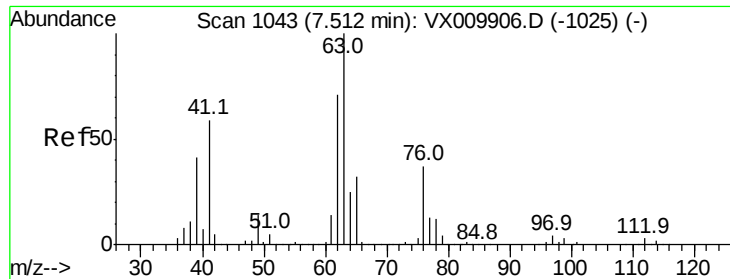


#44

Trichloroethene
 Concen: 18.463 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	207.4





#45

1,2-Dichloropropane

Concen: 19.036 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

Tot Ion: 63 Resp: 42169

Ion Ratio Lower Upper

63 100

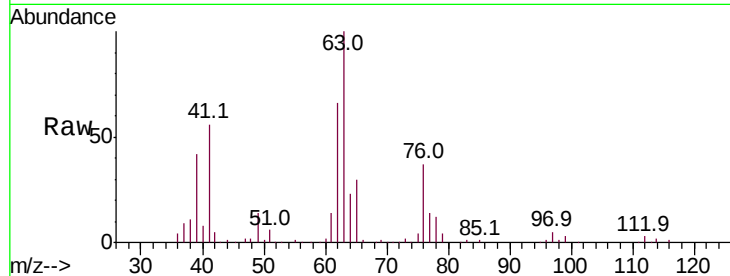
65 30.4 25.7 38.5

Manual Integrations

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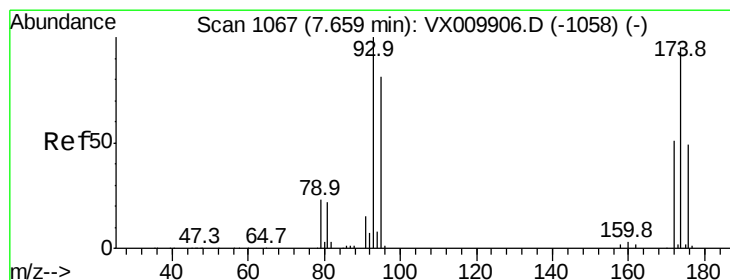
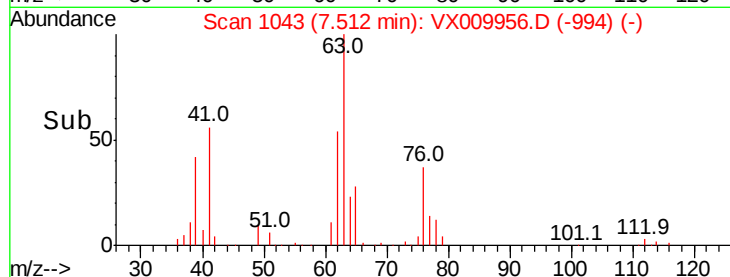
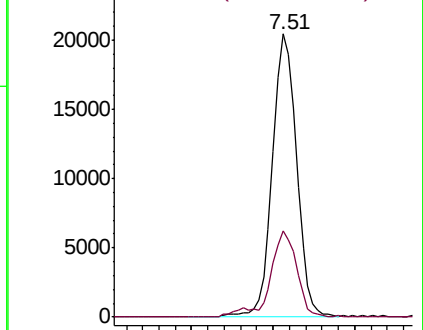
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.161 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

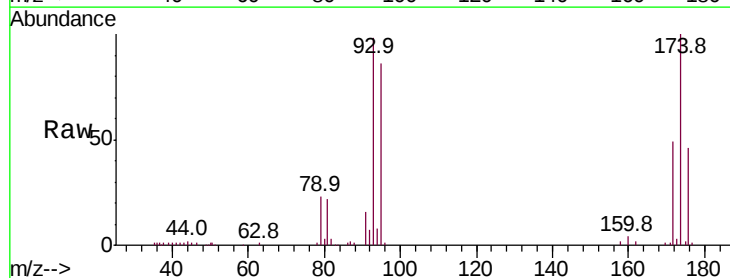
Tgt Ion: 93 Resp: 23681

Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

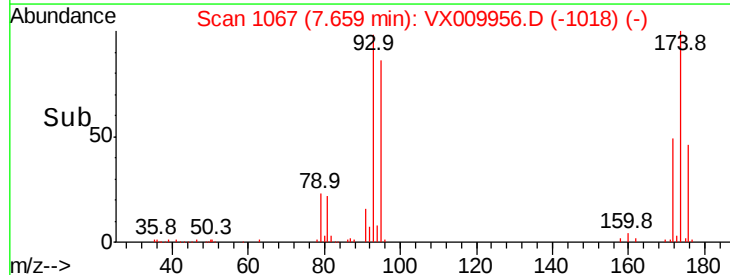
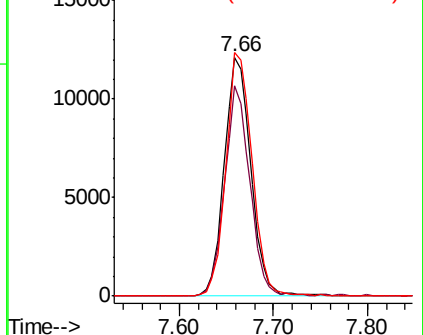
174 100.3 81.9 122.9

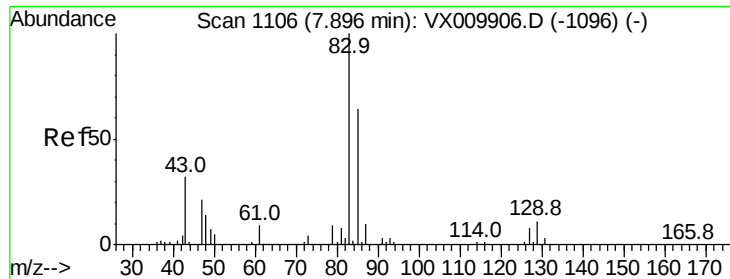


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.176 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

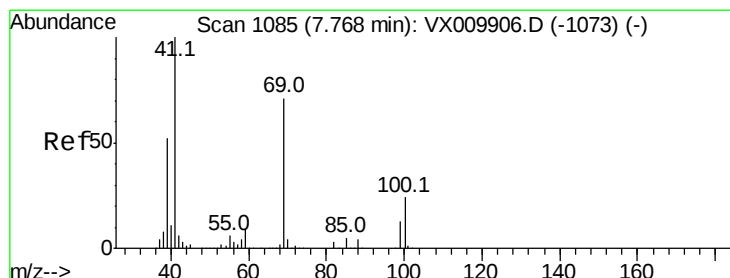
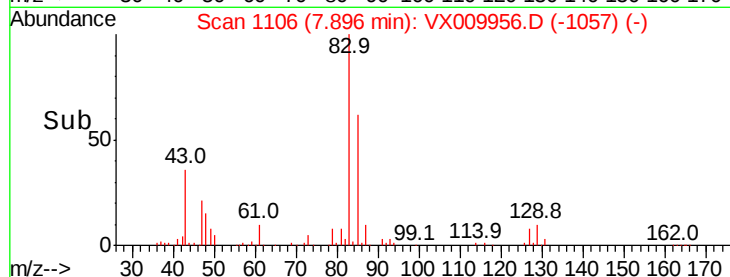
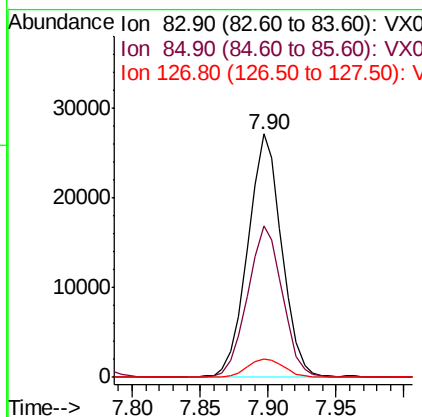
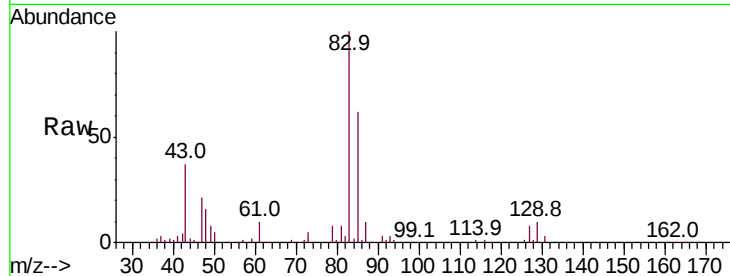
ClientSampled :

VX0530WBSD01

Tot Ion:	83	Resp:	47549
Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.4	77.2
127	7.7	6.4	9.6

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#48

Methyl methacrylate

Concen: 19.593 ug/l

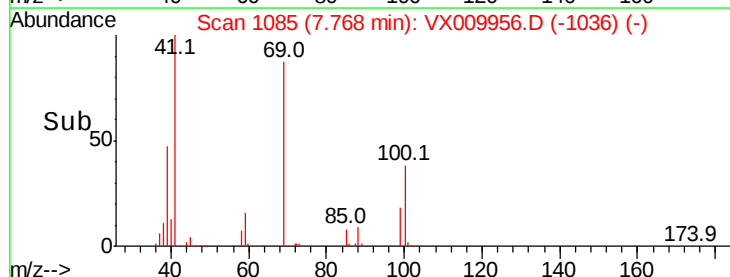
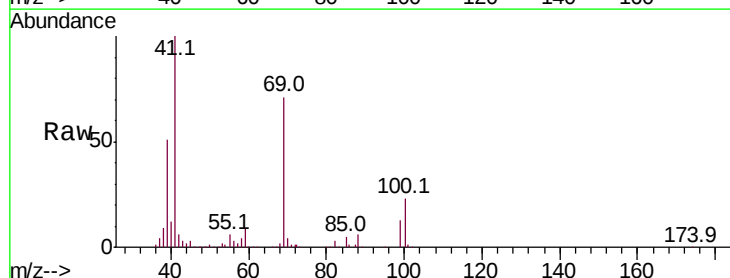
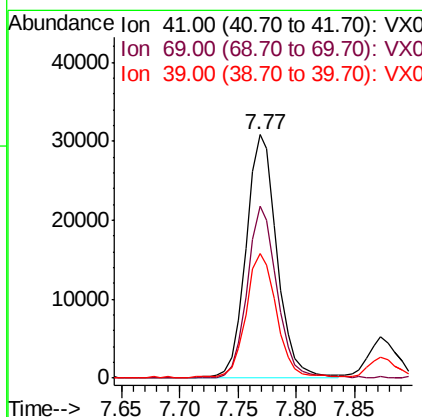
RT: 7.77 min Scan# 1085

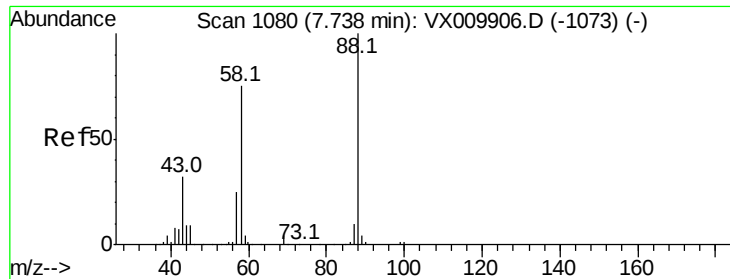
Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Tgt Ion:	41	Resp:	56568
Ion	Ratio	Lower	Upper
41	100		
69	69.4	56.4	84.6
39	51.0	40.6	60.8





#49

1,4-Dioxane

Concen: 384.919 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

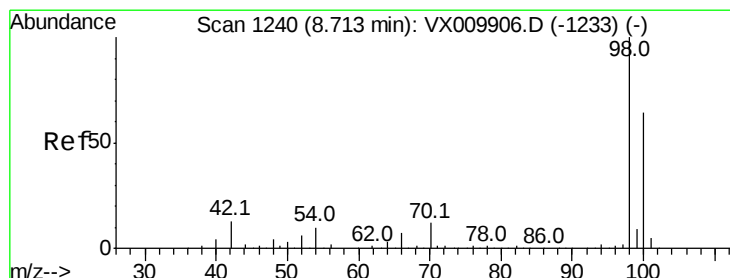
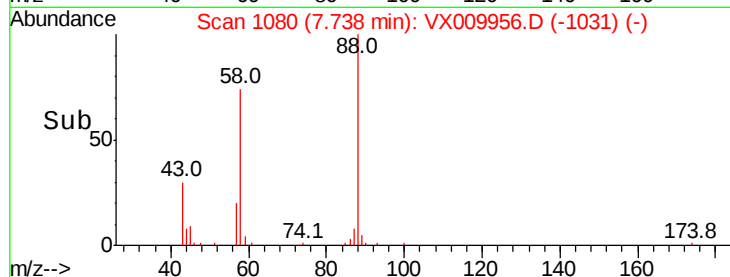
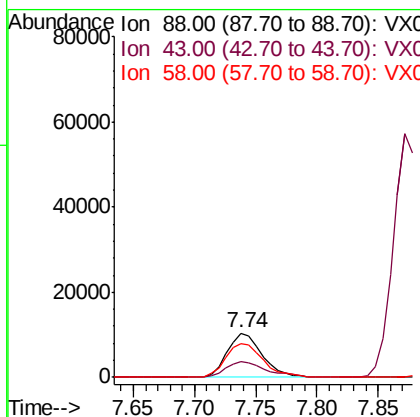
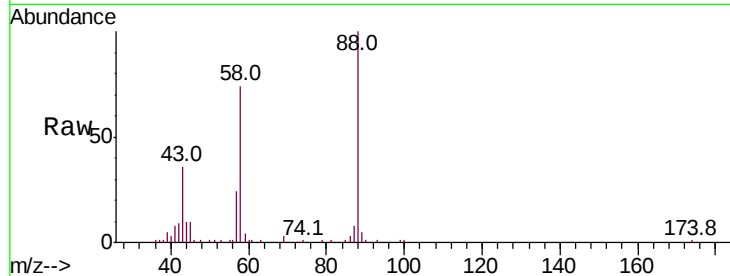
ClientSampleId :

VX0530WBSD01

Tot Ion:	88	Resp:	20672
Ion	Ratio	Lower	Upper
88	100		
43	41.1	30.2	45.4
58	82.8	64.0	96.0

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#50

Toluene-d8

Concen: 49.840 ug/l

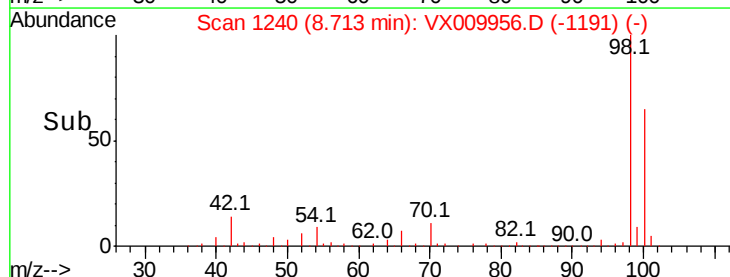
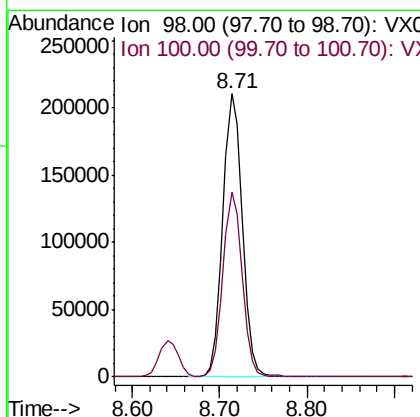
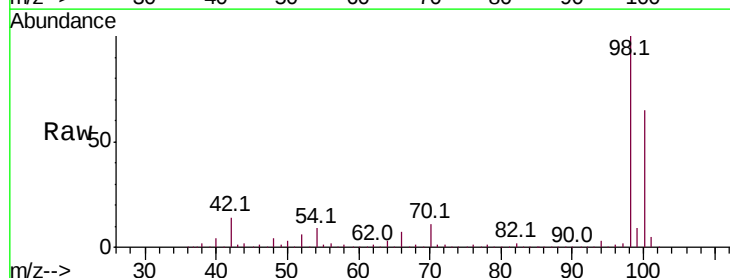
RT: 8.71 min Scan# 1240

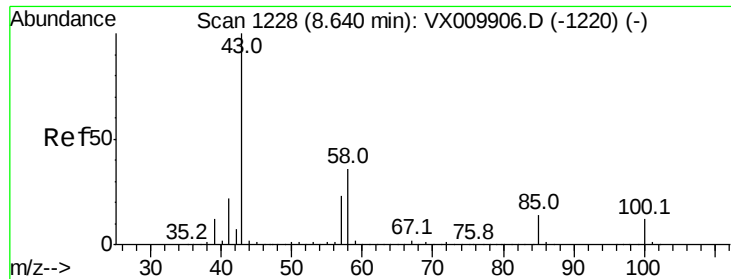
Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Tgt Ion:	98	Resp:	325330
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 94.636 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleID :

VX0530WBSD01

Tot Ion: 43 Resp: 359051

Ion Ratio Lower Upper

43 100

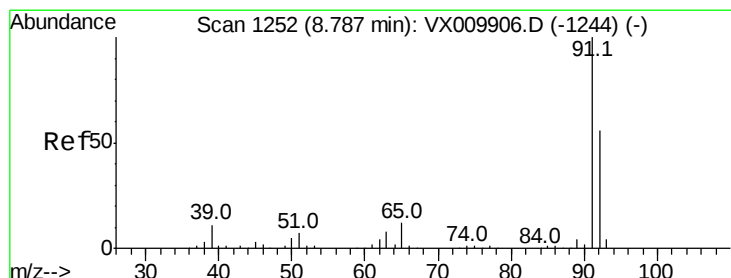
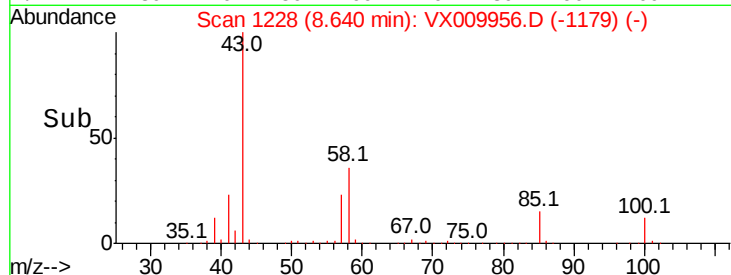
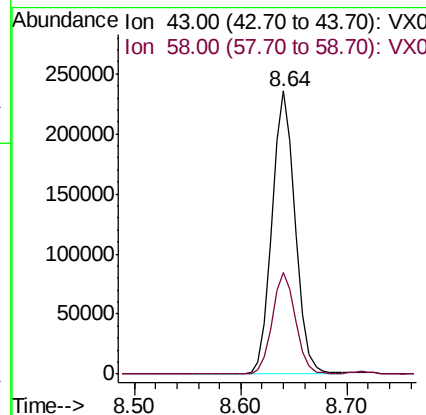
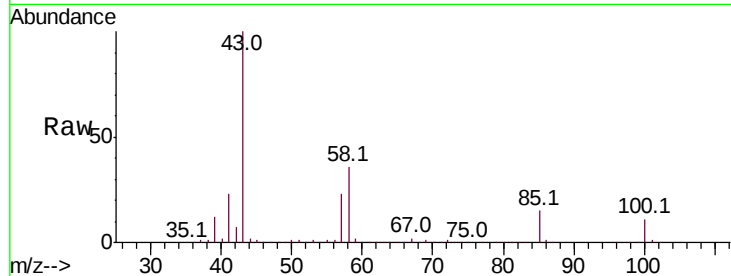
58 36.1 28.8 43.2

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#52

Toluene

Concen: 19.041 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009956.D

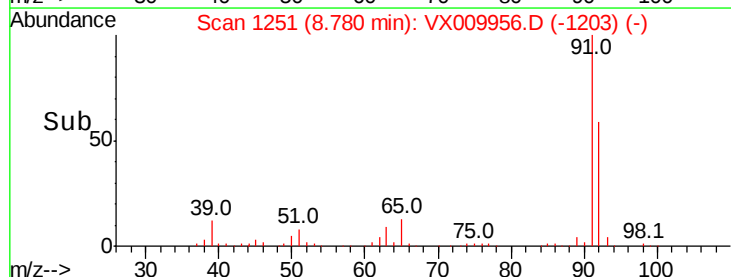
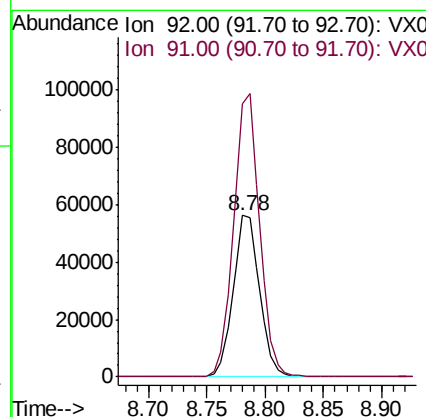
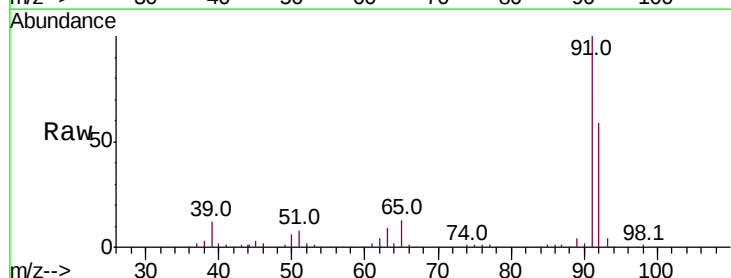
Acq: 30 May 2019 13:31

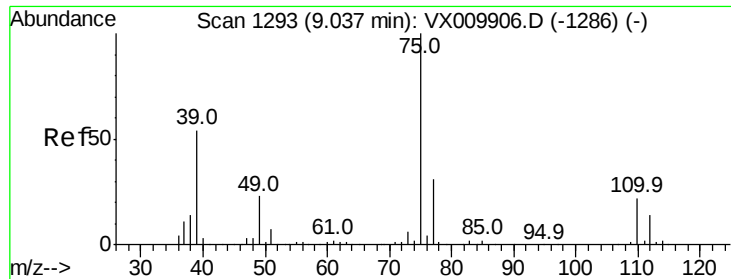
Tgt Ion: 92 Resp: 88968

Ion Ratio Lower Upper

92 100

91 173.0 139.9 209.9





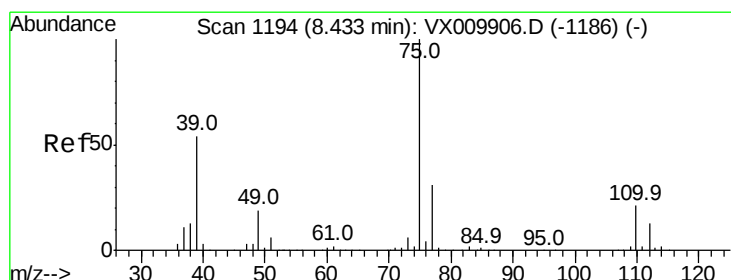
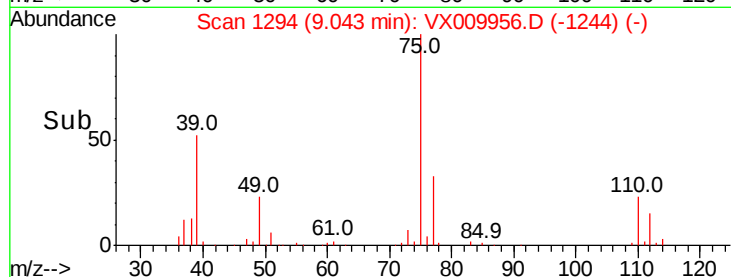
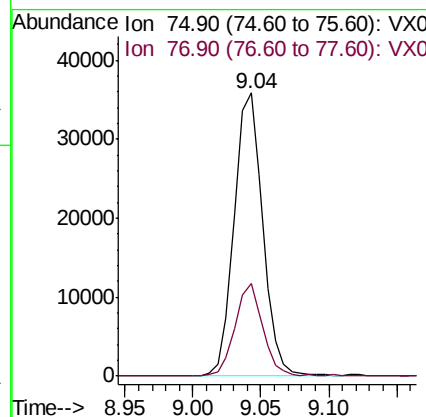
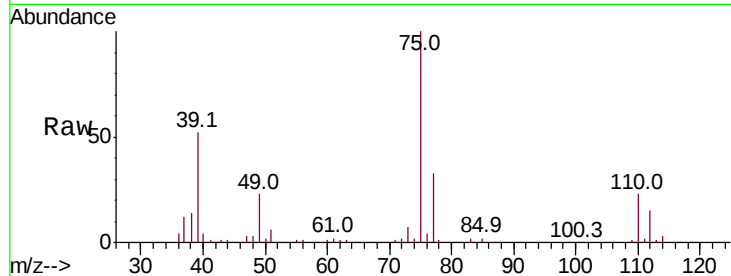
#53
t-1,3-Dichloropropene
Concen: 17.728 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion: 75 Resp: 52718
Ion Ratio Lower Upper
75 100
77 32.9 24.6 36.8

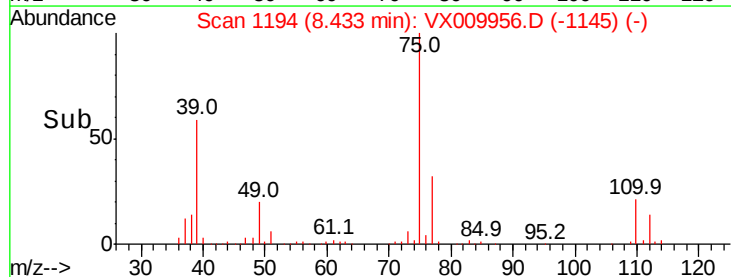
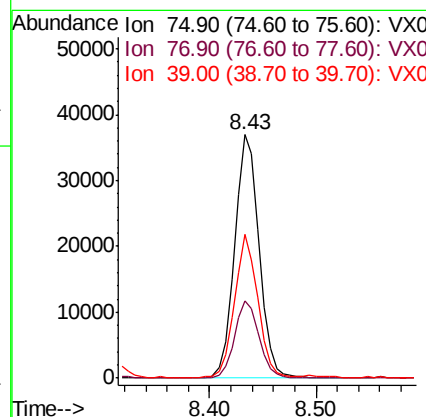
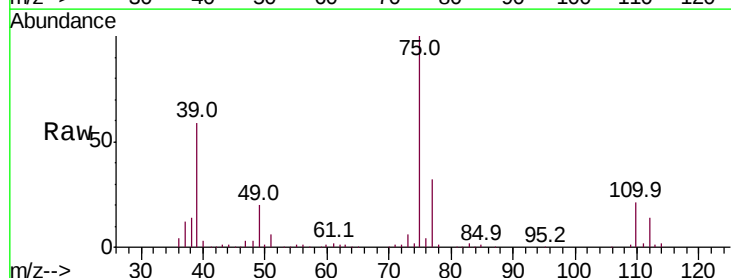
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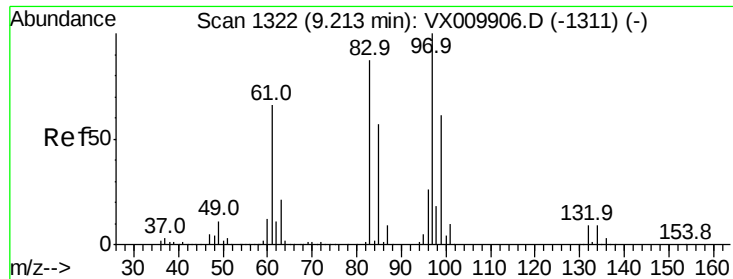
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#54
cis-1,3-Dichloropropene
Concen: 18.371 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion: 75 Resp: 59524
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 59.0 43.4 65.0





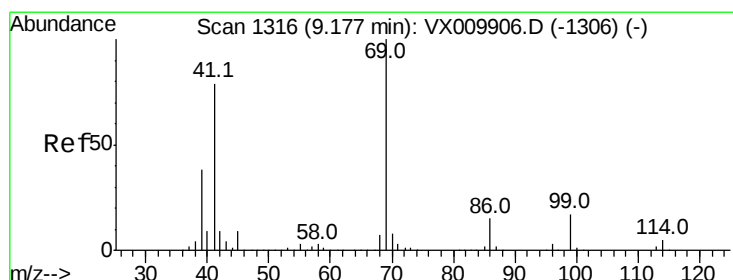
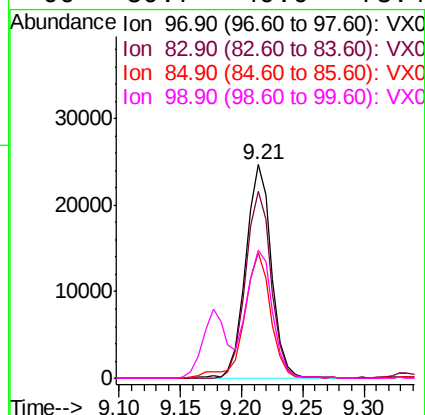
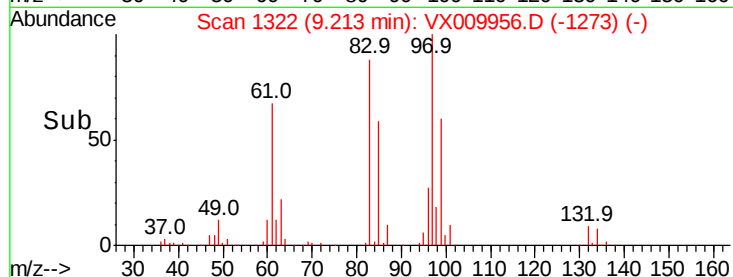
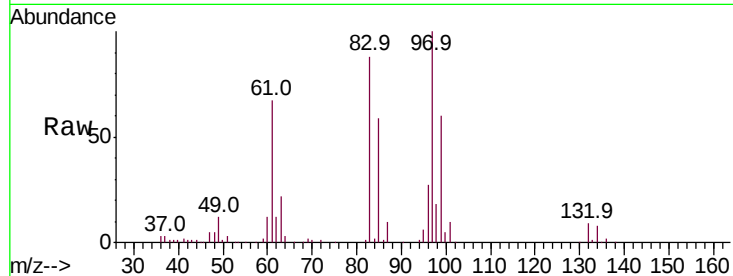
#55
 1,1,2-Trichloroethane
 Concen: 19.190 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Tot Ion:	97	Resp:	36088
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.8	104.8
85	58.6	45.3	67.9
99	59.7	49.0	73.4

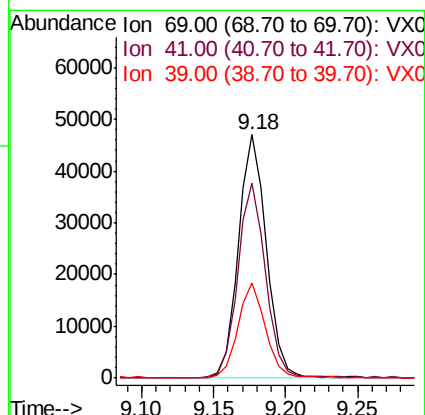
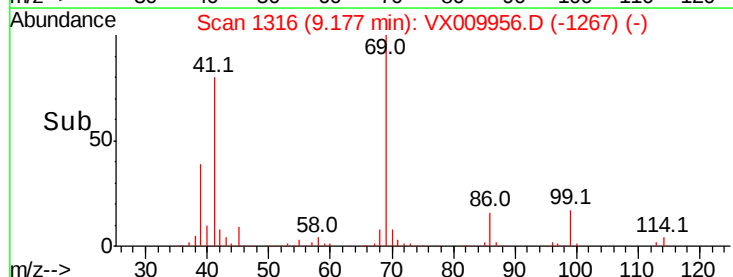
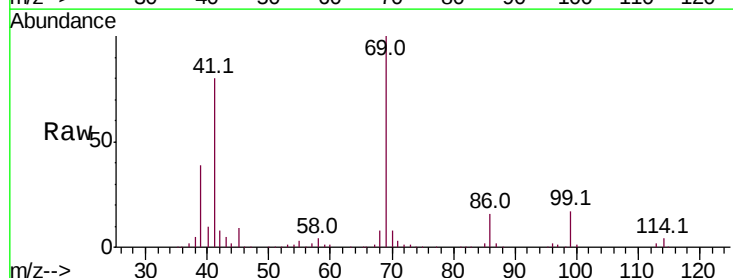
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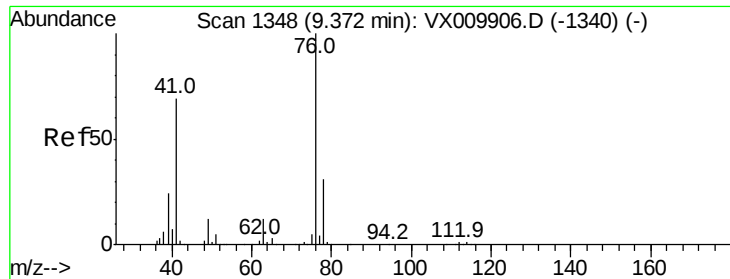
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#56
 Ethyl methacrylate
 Concen: 19.034 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion:	69	Resp:	63726
Ion	Ratio	Lower	Upper
69	100		
41	79.0	62.7	94.1
39	38.3	29.5	44.3





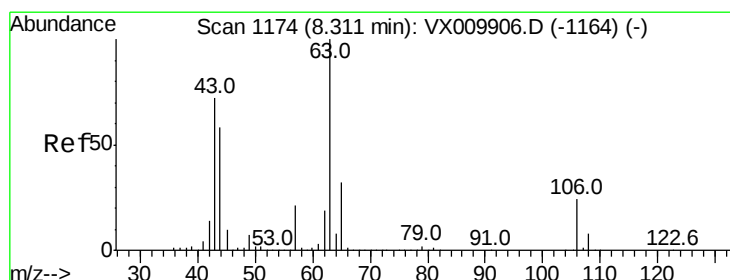
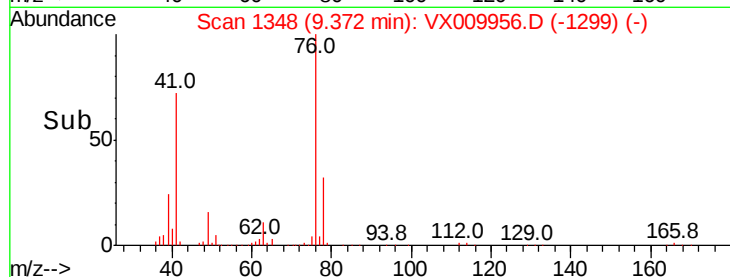
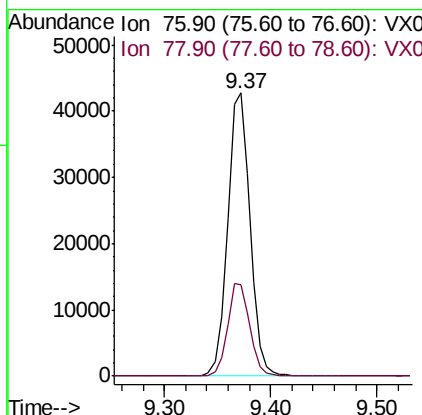
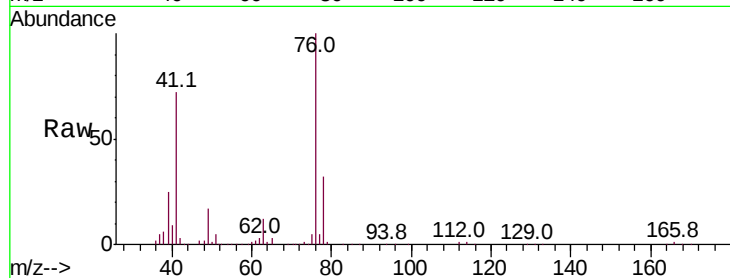
#57
 1,3-Dichloropropane
 Concen: 18.672 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Tot Ion: 76 Resp: 63062
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.4 38.0

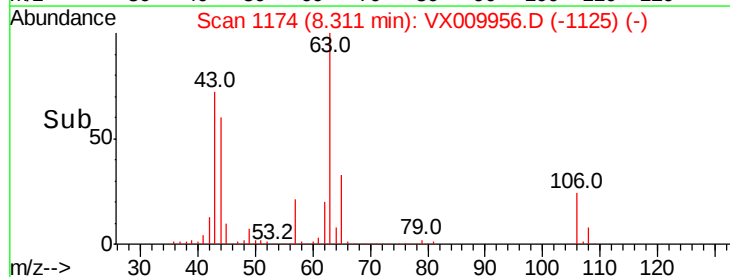
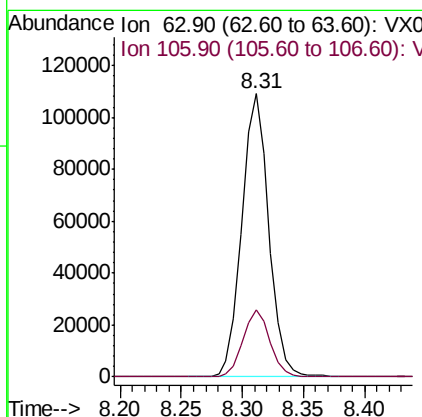
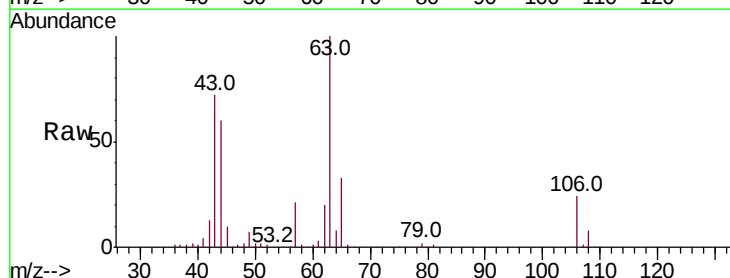
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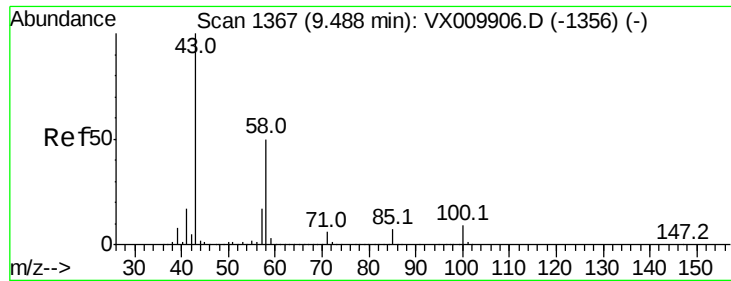
MMDadoda
 5/31/2019 9:23:51 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.891 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion: 63 Resp: 166590
 Ion Ratio Lower Upper
 63 100
 106 23.8 19.4 29.2





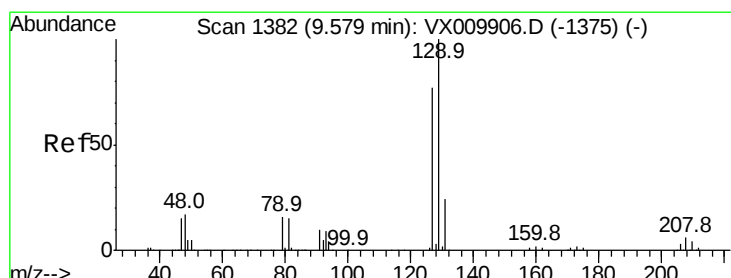
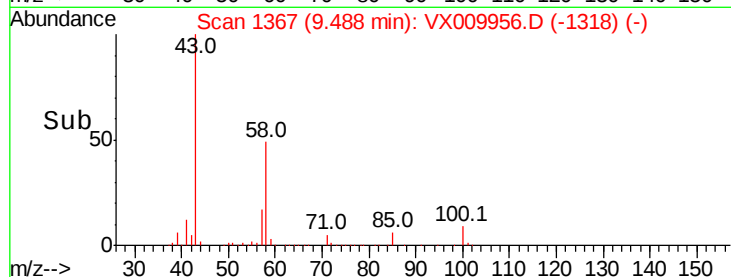
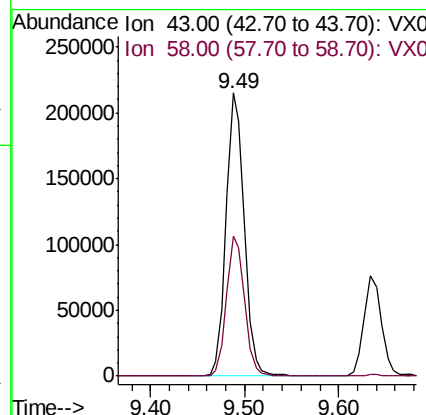
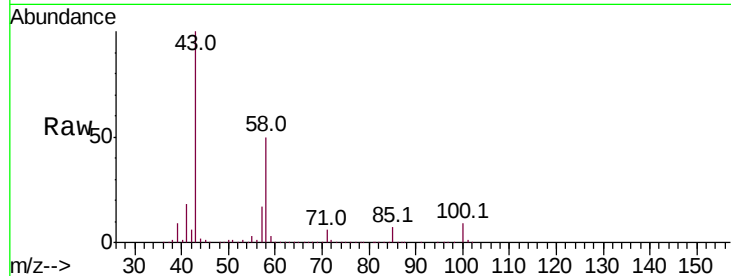
#59
2-Hexanone
Concen: 98.657 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion: 43 Resp: 288179
Ion Ratio Lower Upper
43 100
58 49.7 25.1 75.3

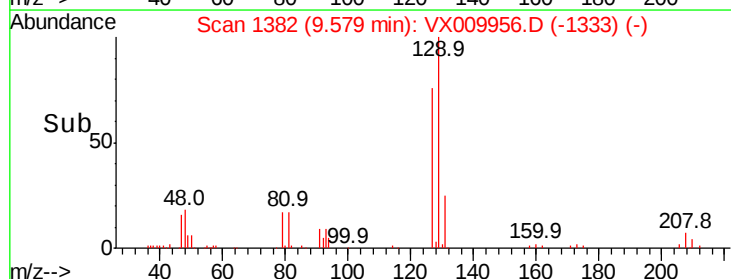
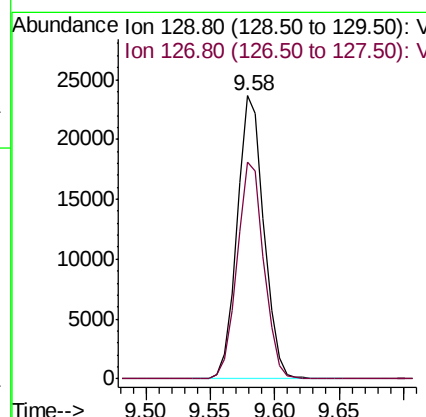
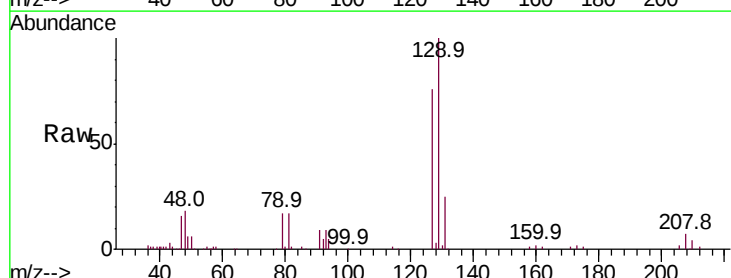
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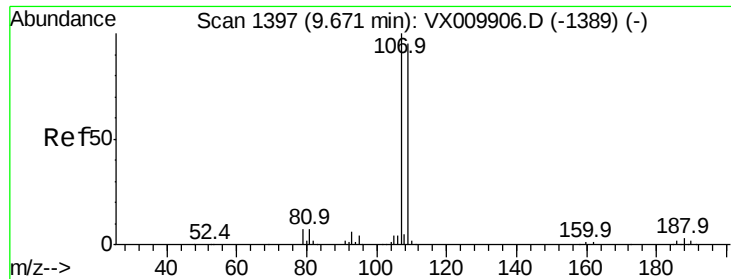
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#60
Dibromochloromethane
Concen: 18.511 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion: 129 Resp: 34243
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.770 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

Tot Ion:107 Resp: 36264

Ion Ratio Lower Upper

107 100

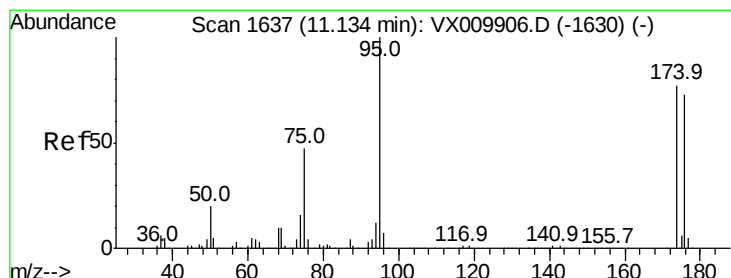
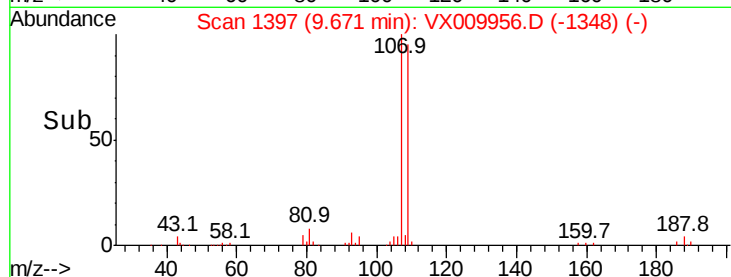
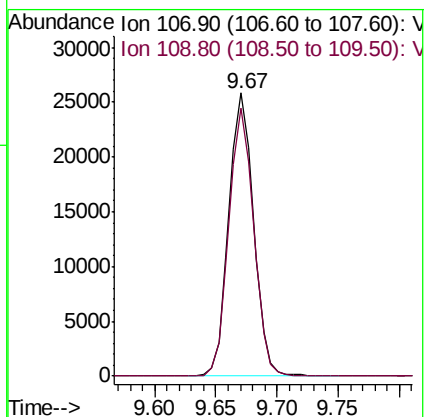
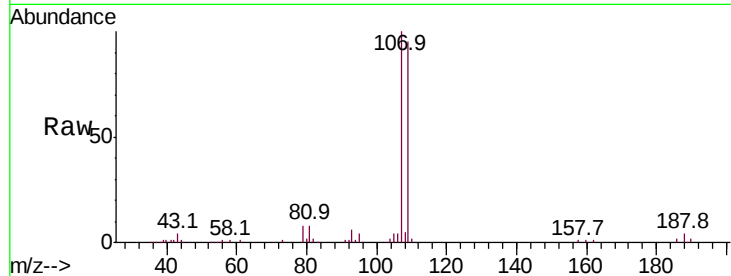
109 94.8 75.4 113.2

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#62

4-Bromofluorobenzene

Concen: 50.186 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

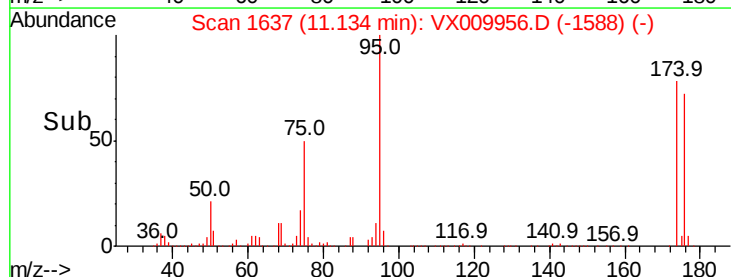
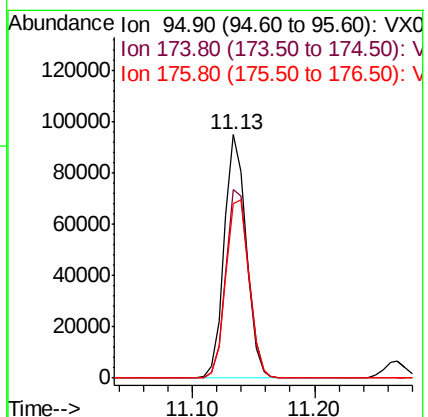
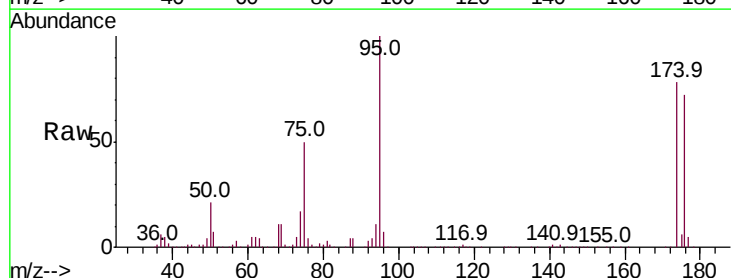
Tgt Ion: 95 Resp: 117663

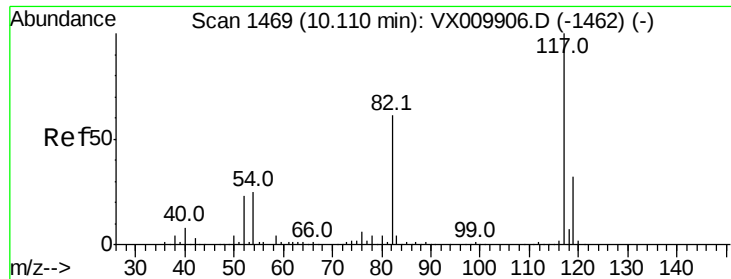
Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.4

176 77.9 0.0 154.6





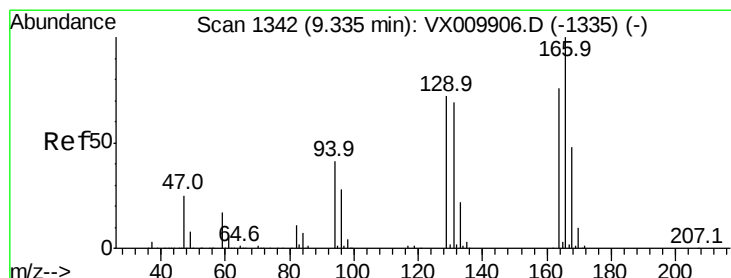
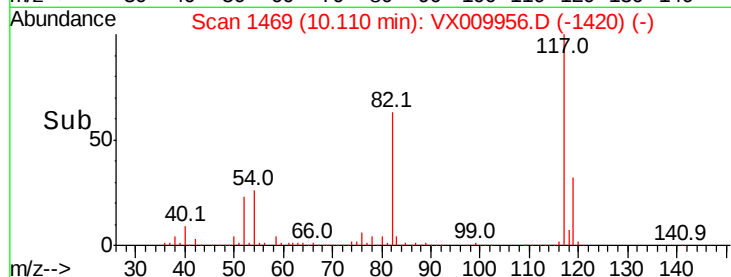
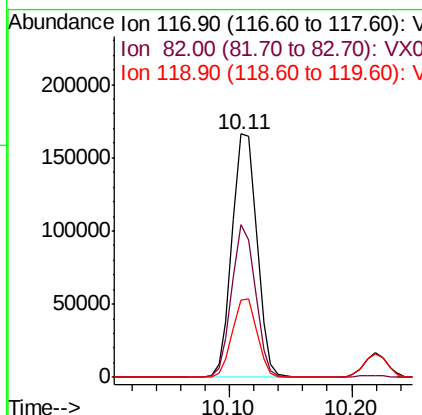
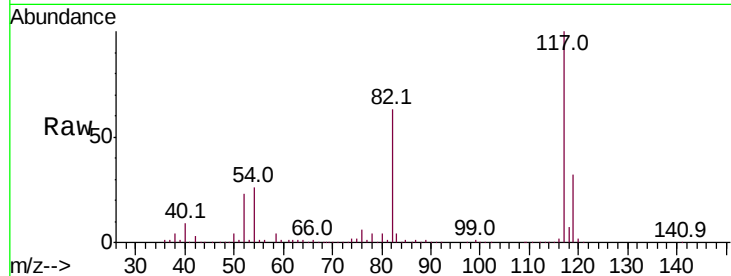
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.0	49.2	73.8
119	31.8	25.2	37.8

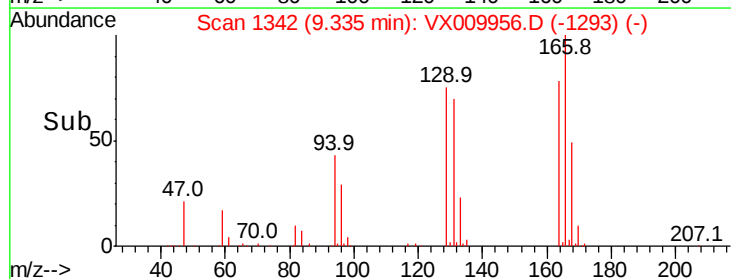
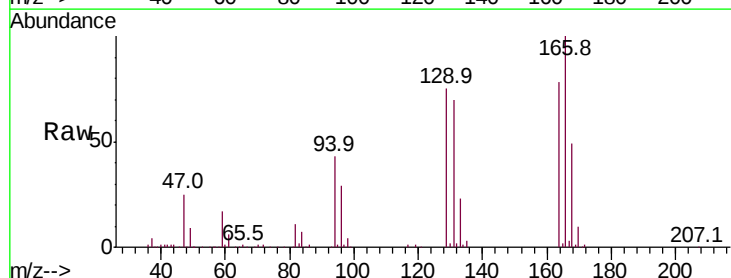
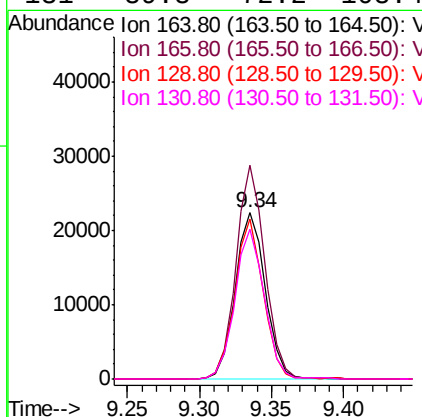
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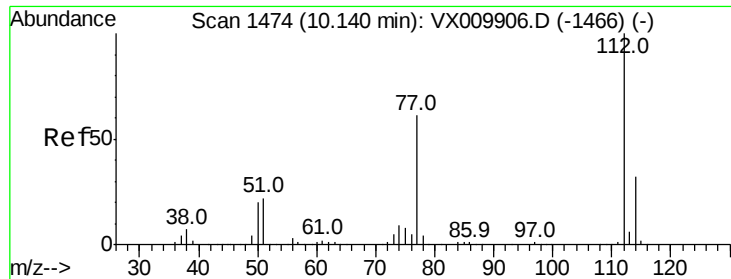
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#64
Tetrachloroethene
Concen: 19.912 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	105.0	157.4
129	96.0	75.1	112.7
131	89.8	72.2	108.4





#65

Chlorobenzene

Concen: 18.394 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampled :

VX0530WBSD01

Tot Ion:112 Resp: 90177

Ion Ratio Lower Upper

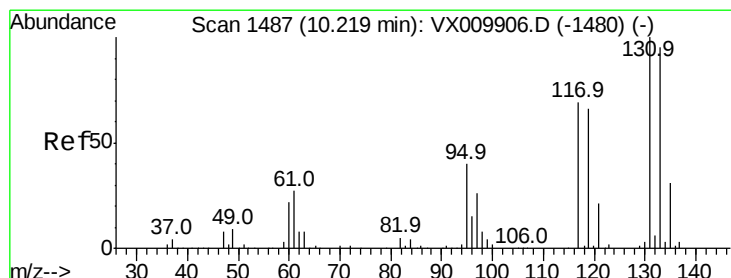
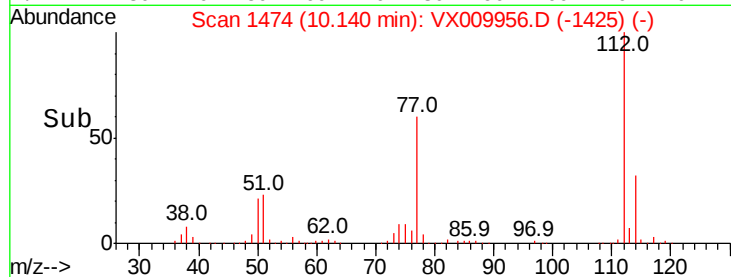
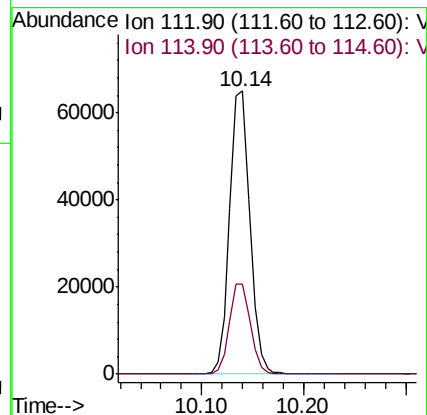
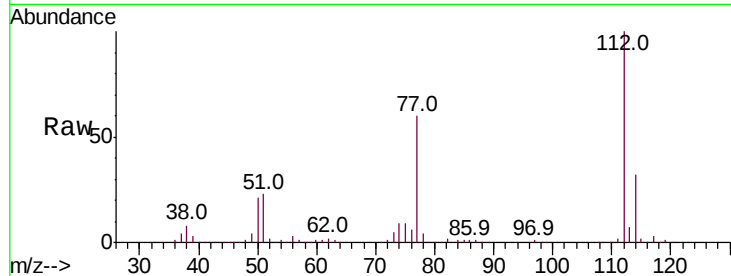
112 100

114 31.8 25.8 38.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.043 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

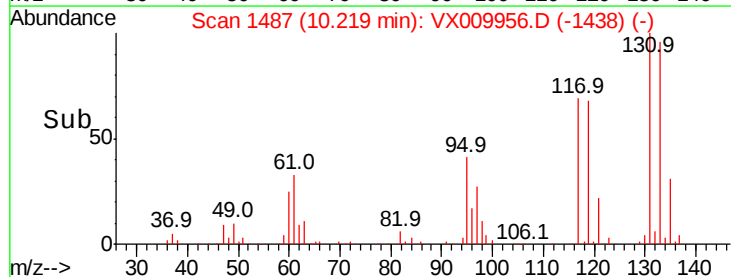
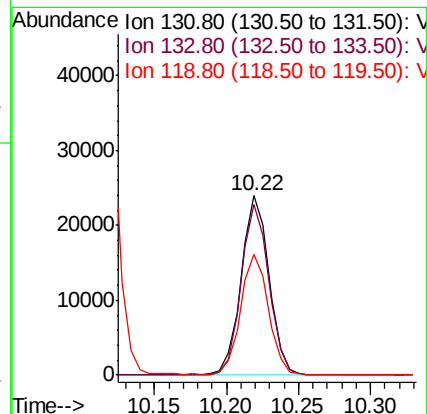
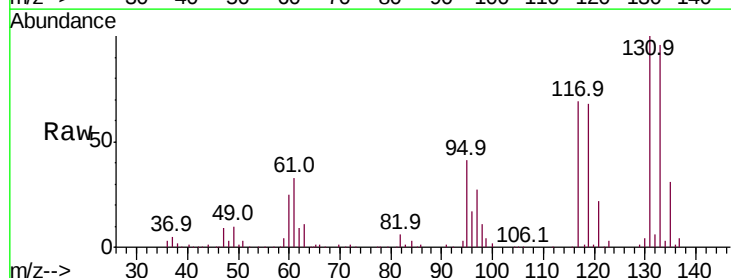
Tgt Ion:131 Resp: 32381

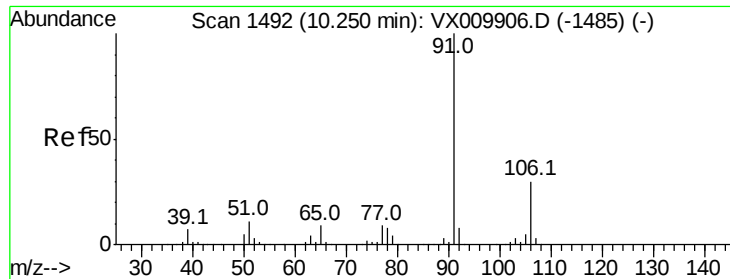
Ion Ratio Lower Upper

131 100

133 94.6 47.5 142.6

119 67.4 33.4 100.1





#67

Ethyl Benzene

Concen: 19.020 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

Tot Ion: 91 Resp: 167421

Ion Ratio Lower Upper

91 100

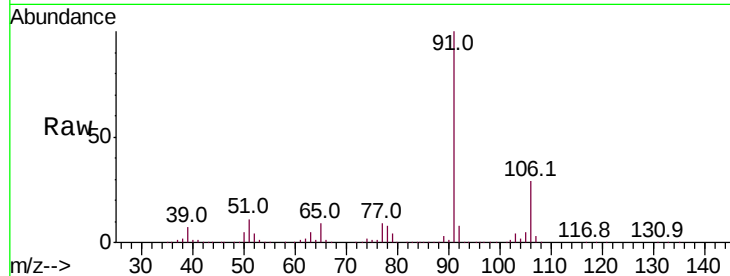
106 29.0 23.9 35.9

Manual Integrations

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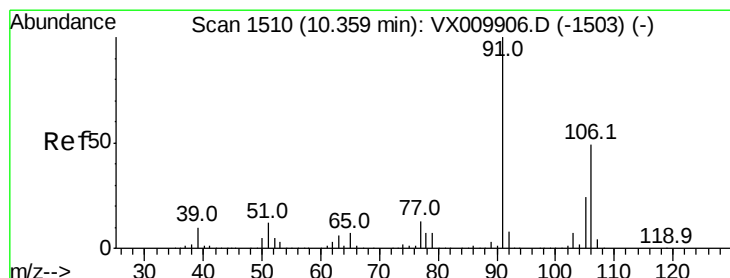
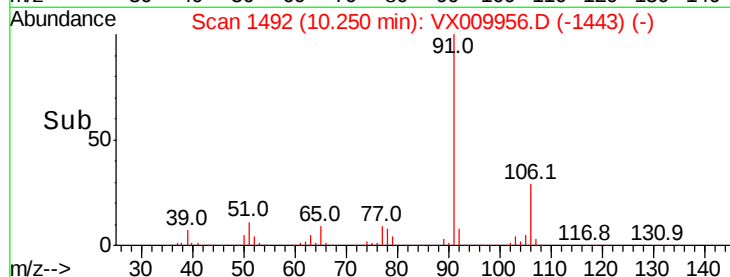
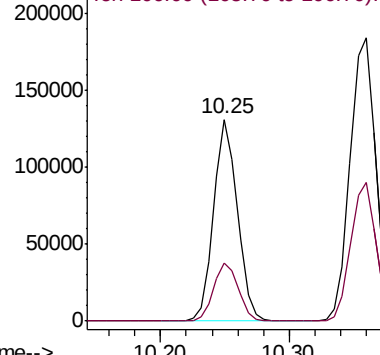
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.750 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009956.D

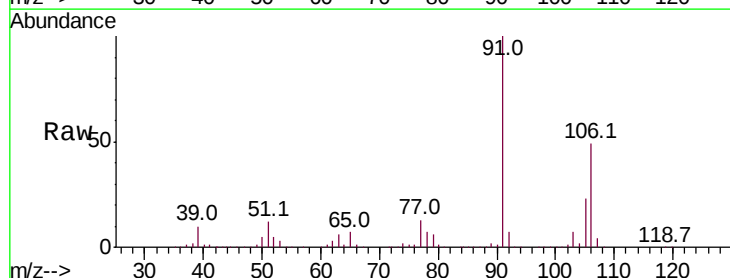
Acq: 30 May 2019 13:31

Tgt Ion:106 Resp: 122762

Ion Ratio Lower Upper

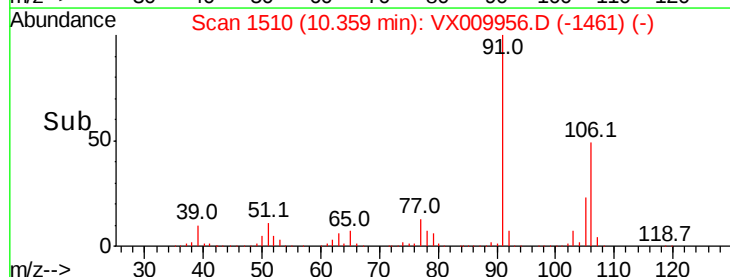
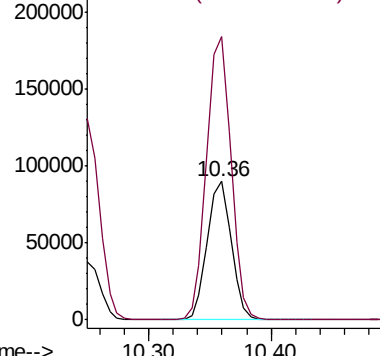
106 100

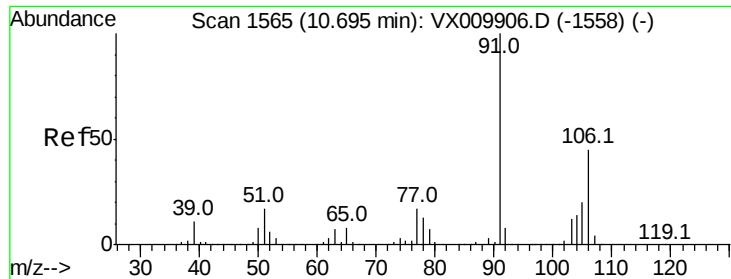
91 207.7 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





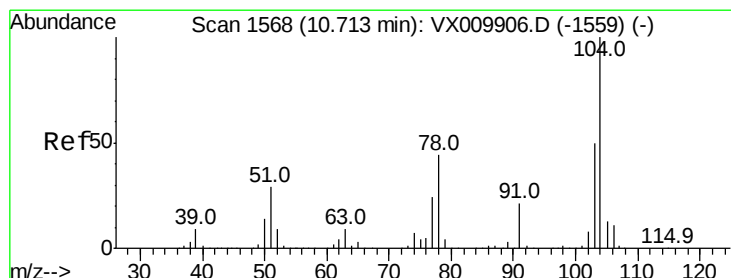
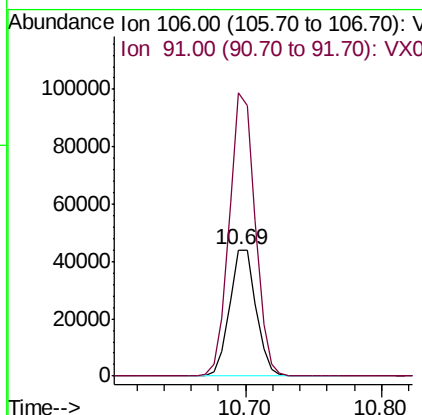
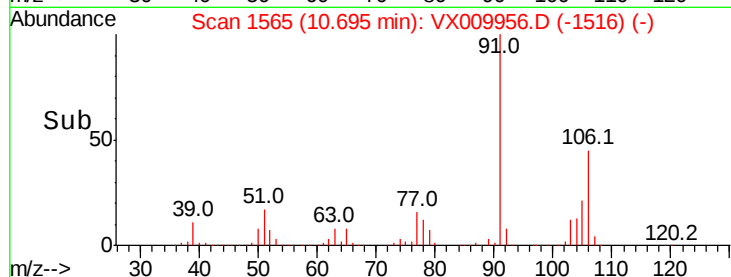
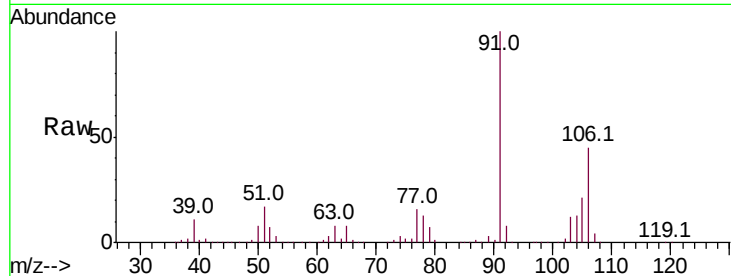
#69
o-Xylene
Concen: 19.095 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion:106 Resp: 59553
Ion Ratio Lower Upper
106 100
91 219.6 110.4 331.2

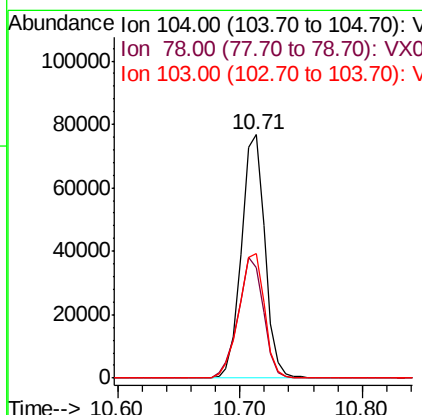
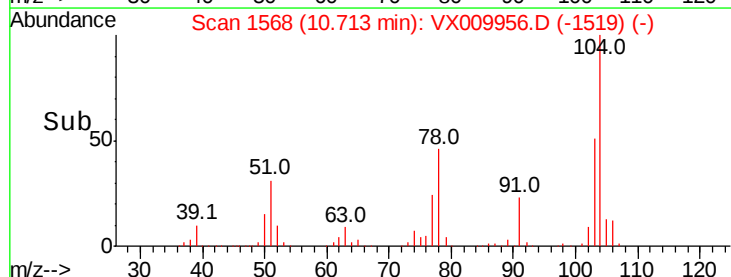
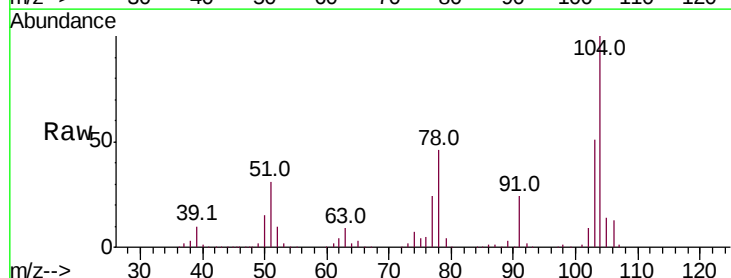
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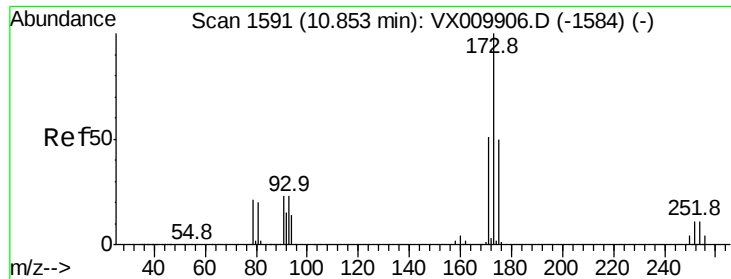
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#70
Styrene
Concen: 18.641 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion:104 Resp: 101944
Ion Ratio Lower Upper
104 100
78 53.4 42.1 63.1
103 55.9 44.1 66.1





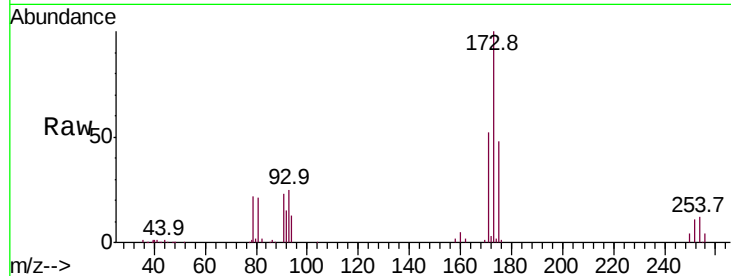
#71
Bromoform
Concen: 18.622 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	25.0	75.0
254	0.2	0.2	0.2

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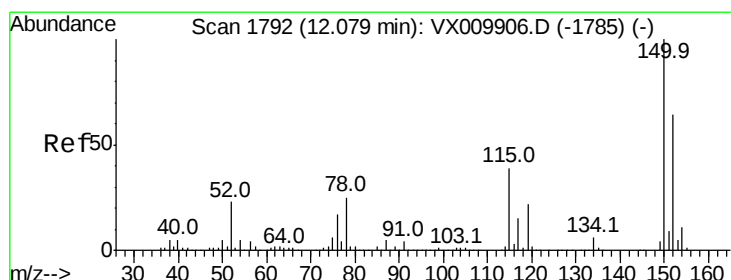
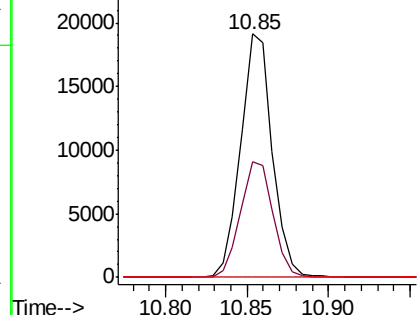
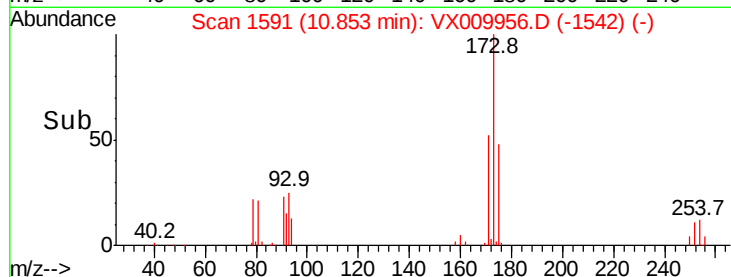


Abundance

Ion 172.70 (172.40 to 173.40): V

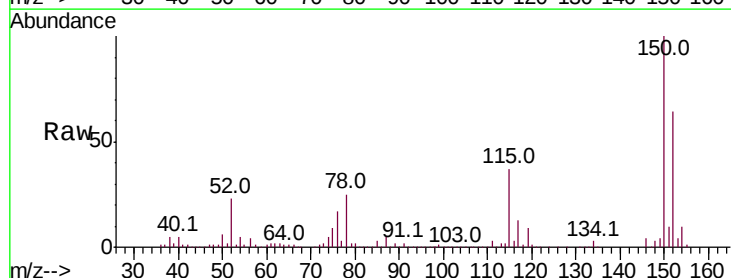
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.6	41.4	124.2
150	163.2	0.0	345.2

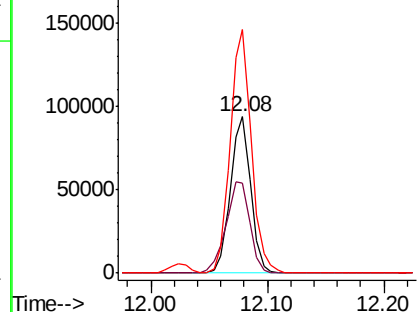
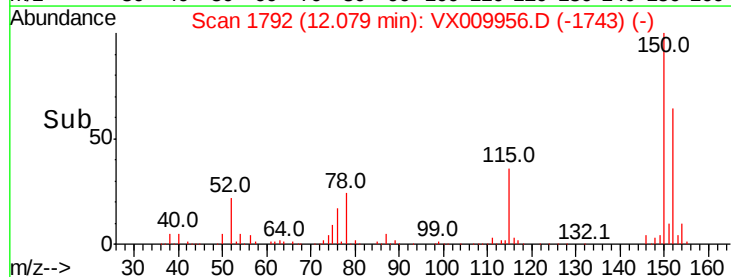


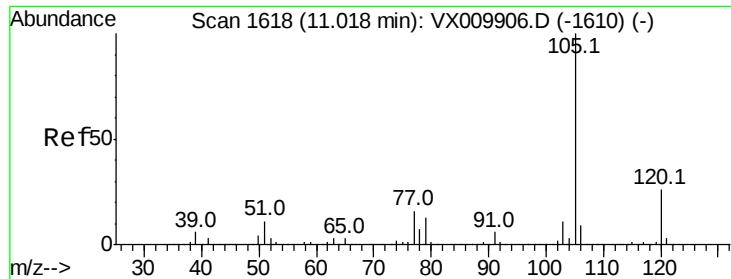
Abundance

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: 18.944 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

Tot Ion:105 Resp: 156603

Ion Ratio Lower Upper

105 100

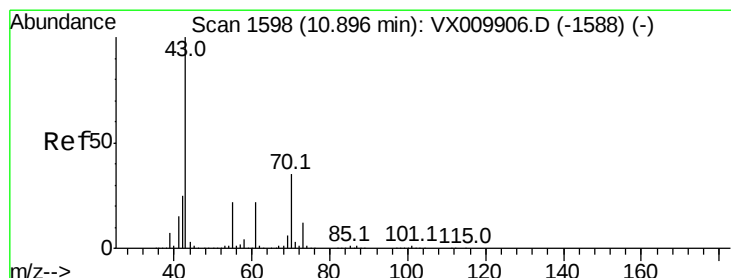
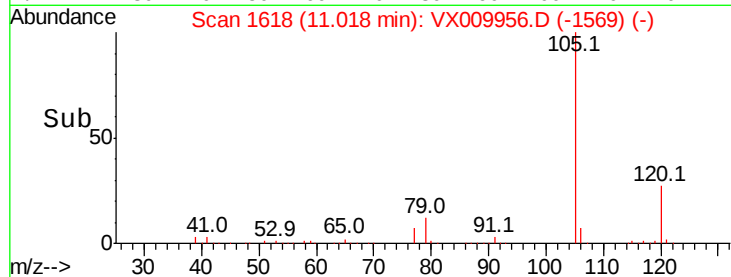
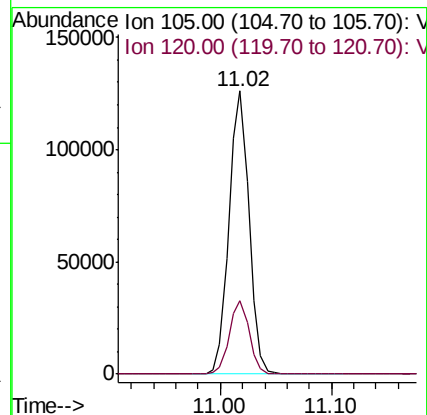
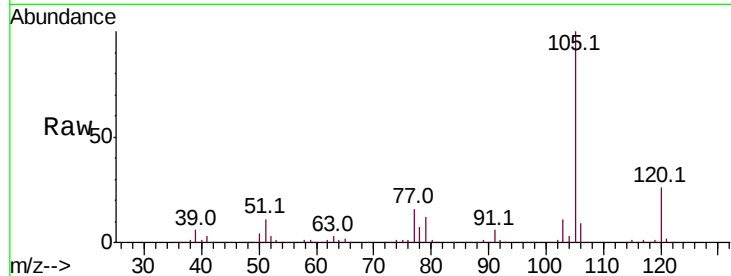
120 25.8 12.8 38.4

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#74

N-ethyl acetate

Concen: 19.174 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Tgt Ion: 43 Resp: 94714

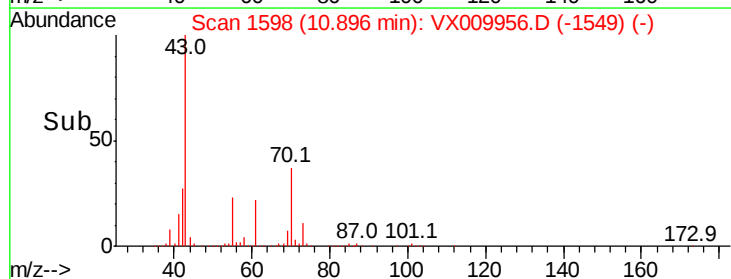
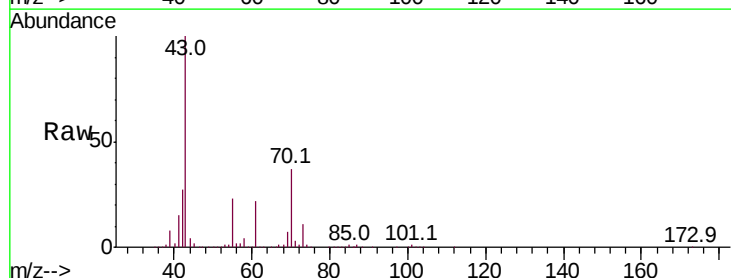
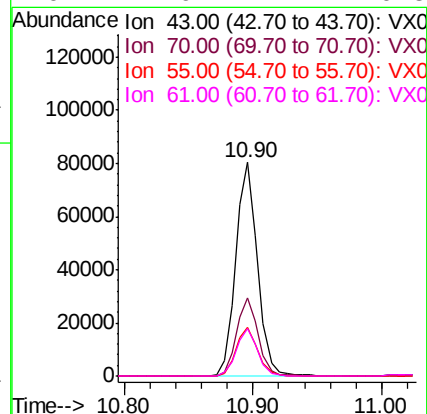
Ion Ratio Lower Upper

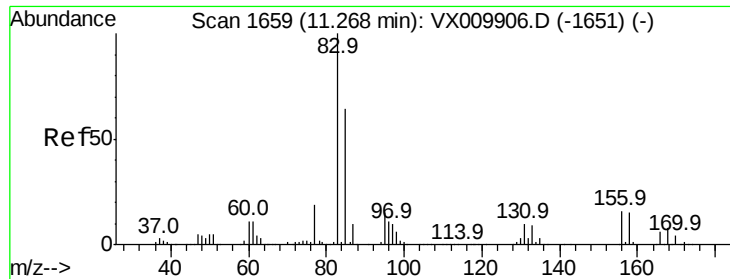
43 100

70 36.3 28.6 43.0

55 23.3 17.8 26.8

61 21.9 17.7 26.5





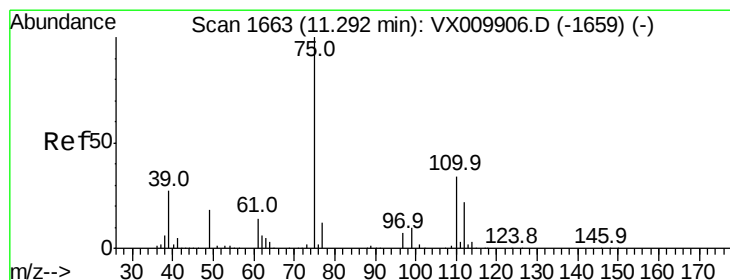
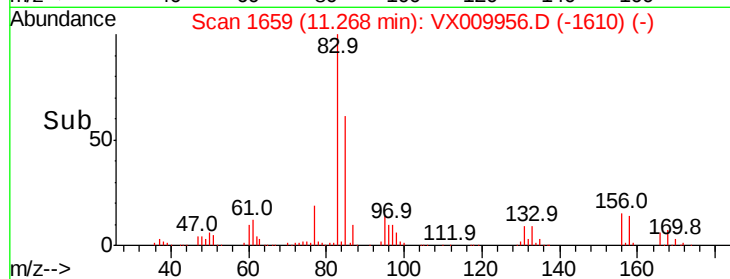
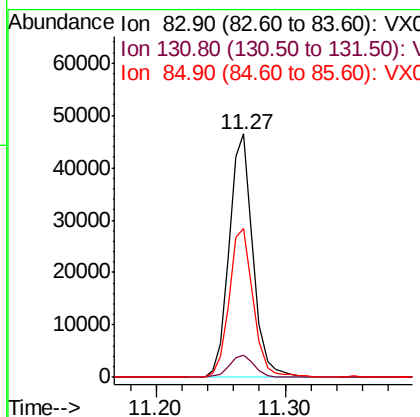
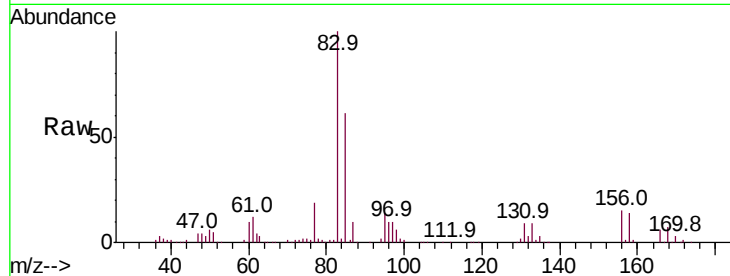
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.439 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.5	4.7	14.1	
85	62.4	31.9	95.9	

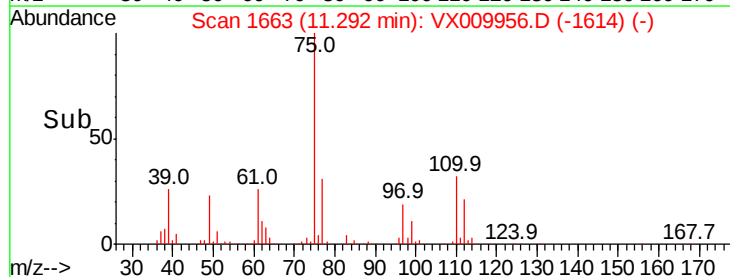
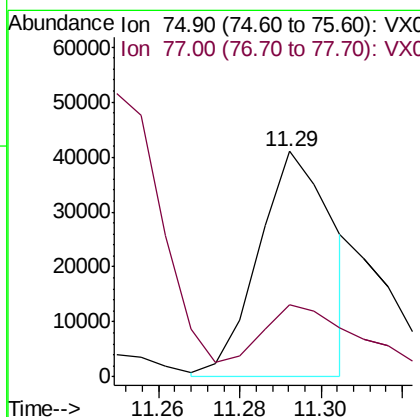
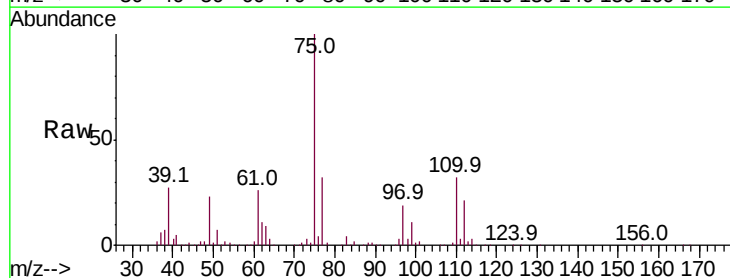
Manual Integrations
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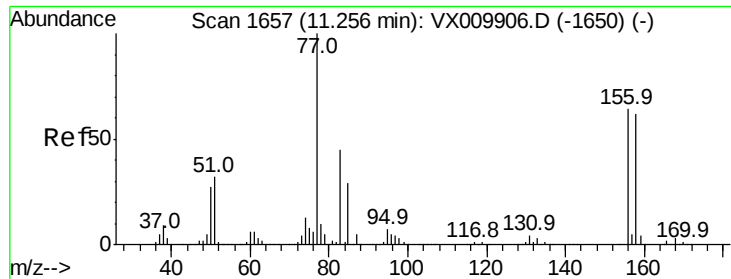
MMDadoda
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#76
 1,2,3-Trichloropropane
 Concen: 19.440 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	43.9	22.1	66.1	





#77

Bromobenzene

Concen: 18.676 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampled :

VX0530WBSD01

Tot Ion:156 Resp: 39345

Ion Ratio Lower Upper

156 100

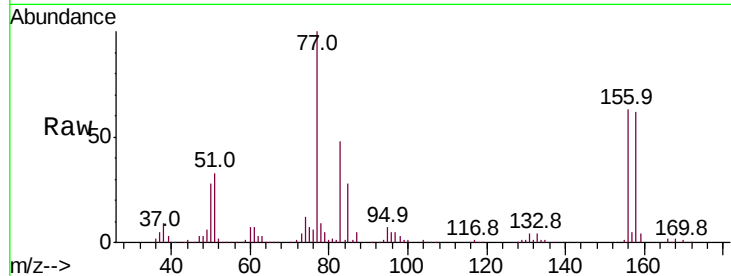
77 171.5 86.8 260.3

158 97.6 49.6 148.8

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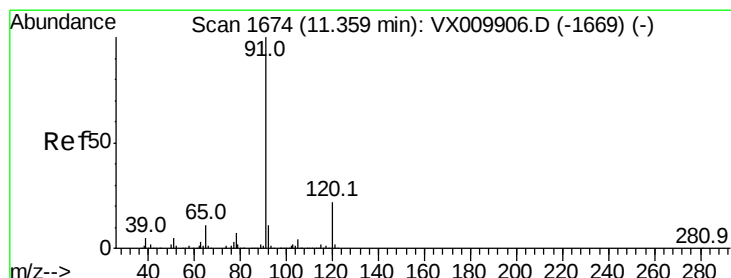
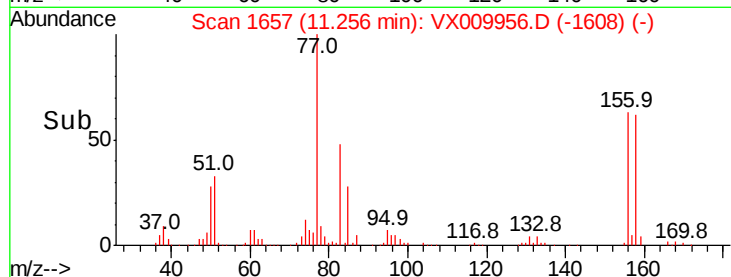
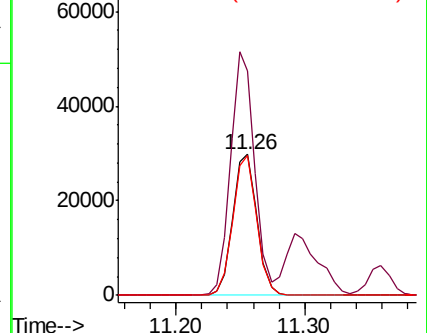
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.210 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009956.D

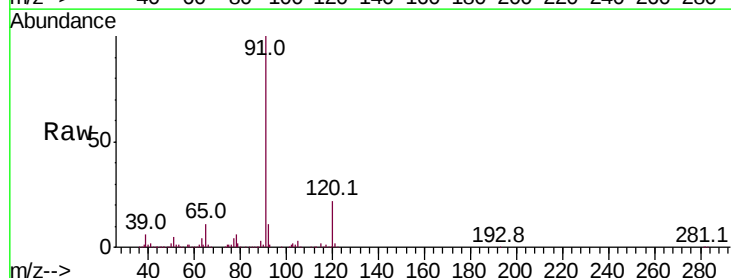
Acq: 30 May 2019 13:31

Tgt Ion: 91 Resp: 183042

Ion Ratio Lower Upper

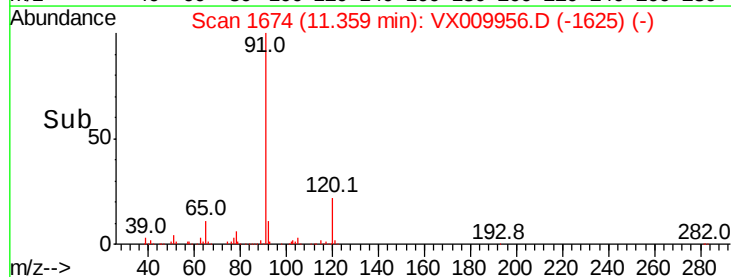
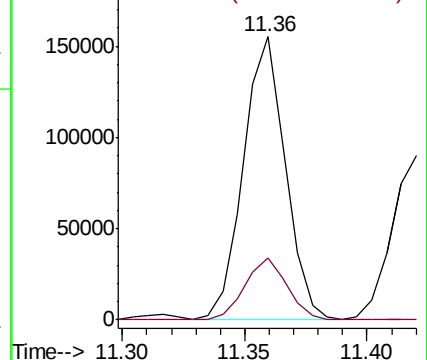
91 100

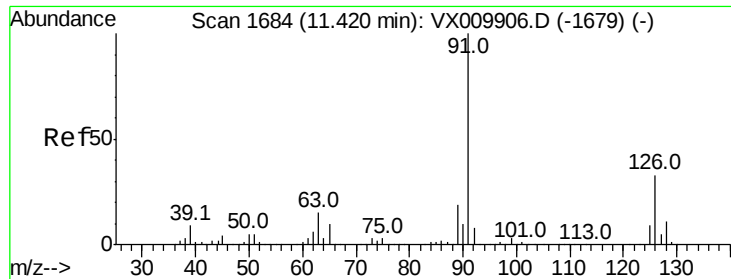
120 22.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.959 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampled :

VX0530WBSD01

Tot Ion: 91 Resp: 110374

Ion Ratio Lower Upper

91 100

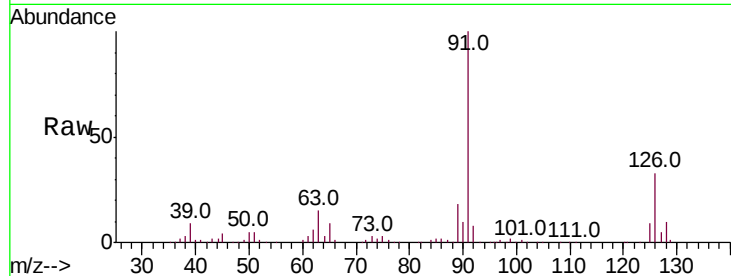
126 32.5 16.1 48.3

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Abundance Ion 91.00 (90.70 to 91.70): VX009906.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX009906.D (-1679) (-)

150000

100000

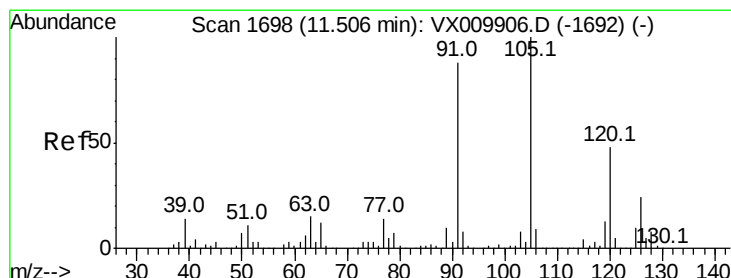
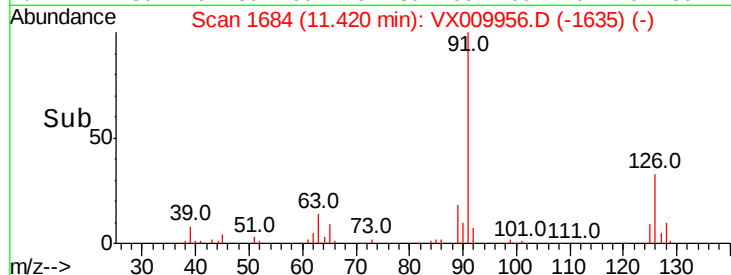
50000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.181 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009956.D

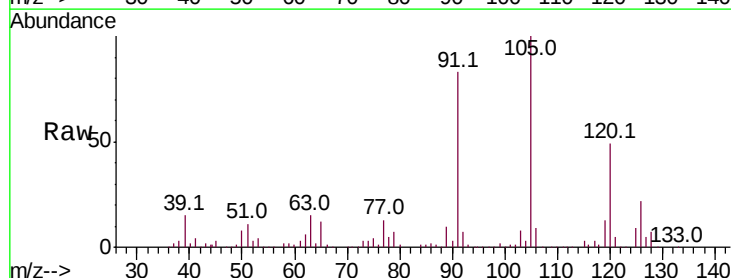
Acq: 30 May 2019 13:31

Tgt Ion:105 Resp: 133583

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX009906.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009906.D (-1692) (-)

100000

50000

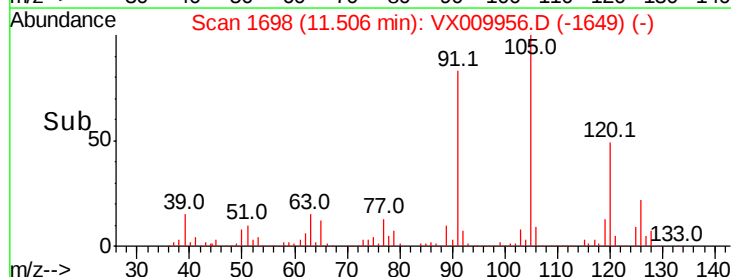
0

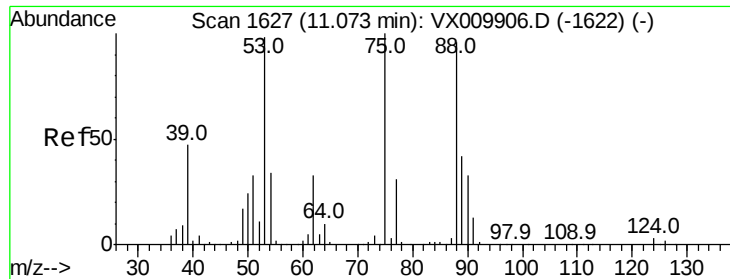
11.51

11.55

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.395 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

Tot Ion: 75 Resp: 18837

Ion Ratio Lower Upper

75 100

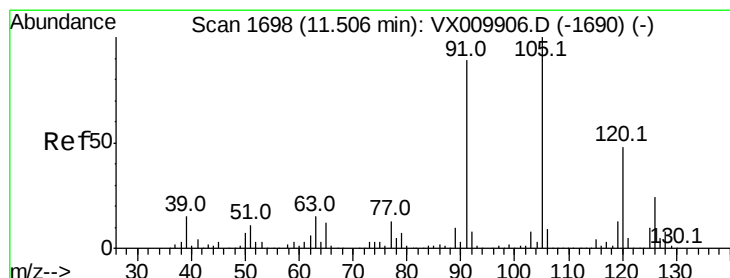
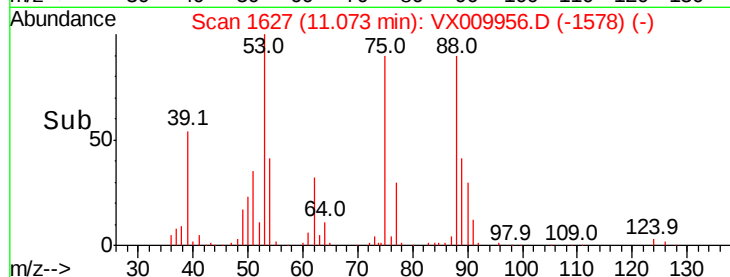
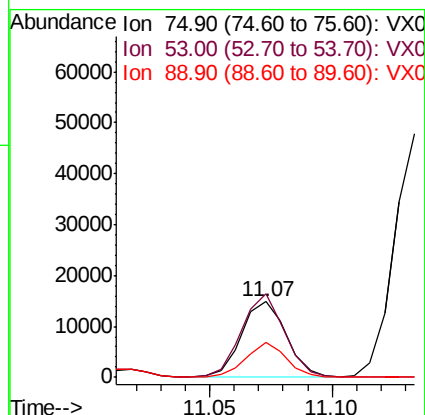
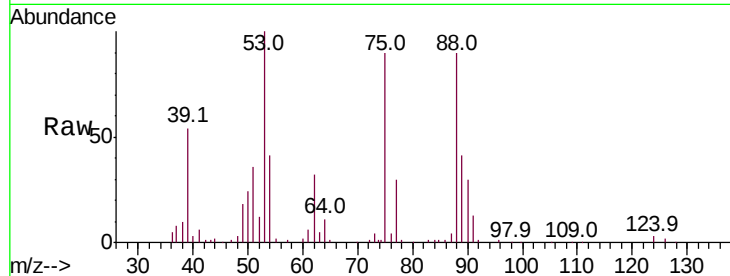
53 105.9 79.8 119.6

89 42.3 34.2 51.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.601 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009956.D

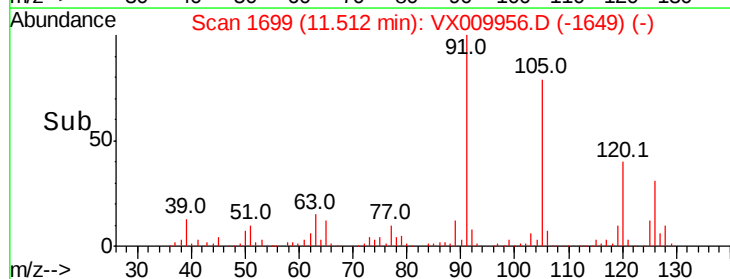
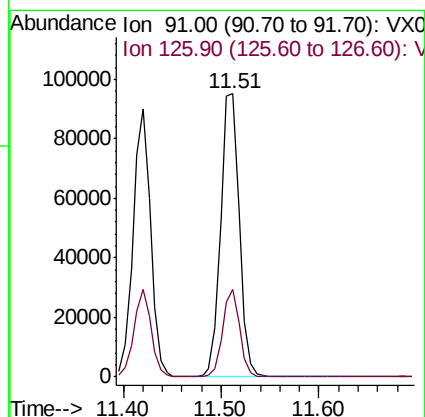
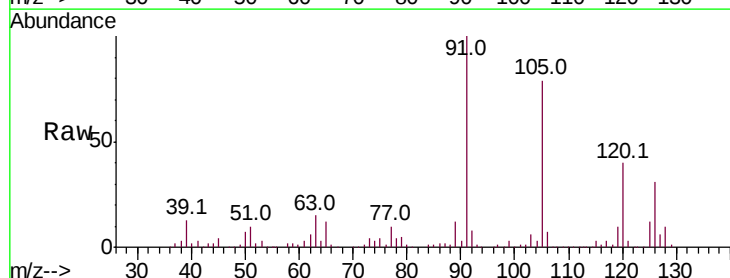
Acq: 30 May 2019 13:31

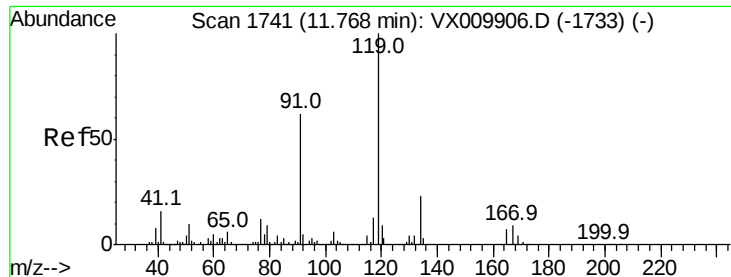
Tgt Ion: 91 Resp: 126061

Ion Ratio Lower Upper

91 100

126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.784 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

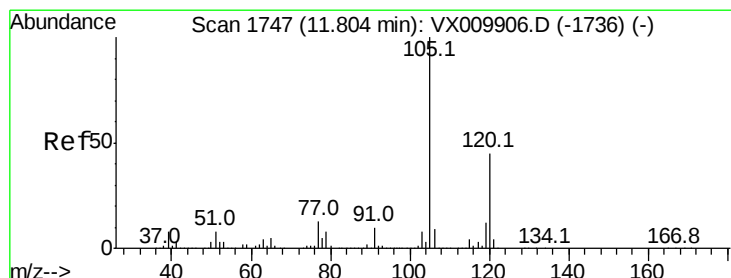
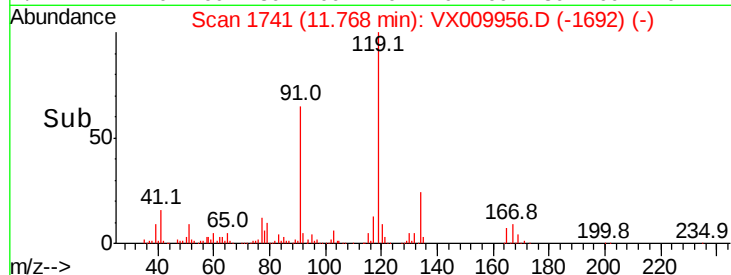
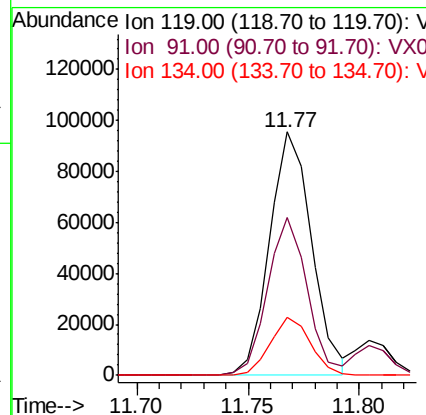
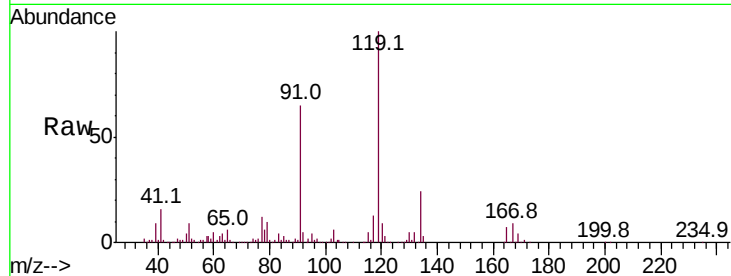
ClientSampleId :

VX0530WBSD01

Tot Ion:	119	Resp:	125158
Ion Ratio	Lower	Upper	
119	100		
91	61.3	30.0	90.0
134	23.0	11.2	33.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.021 ug/l

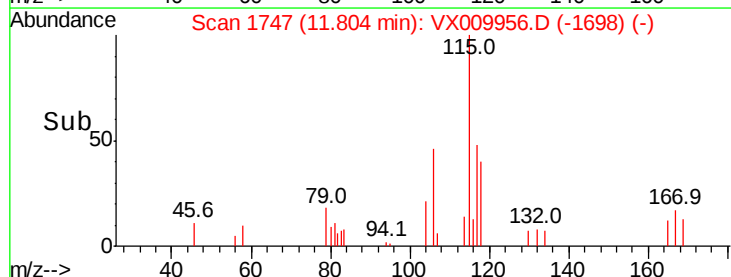
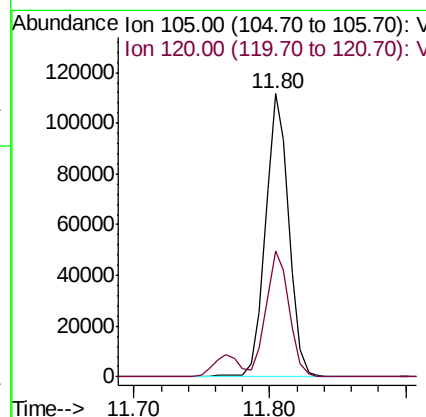
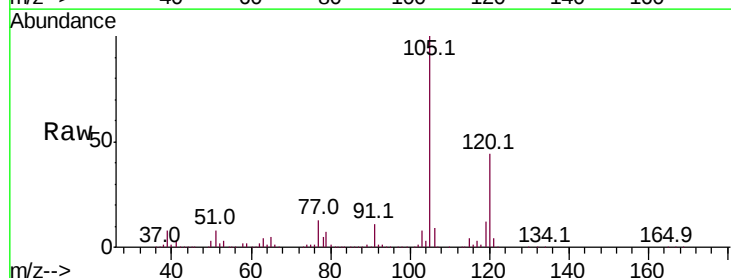
RT: 11.80 min Scan# 1747

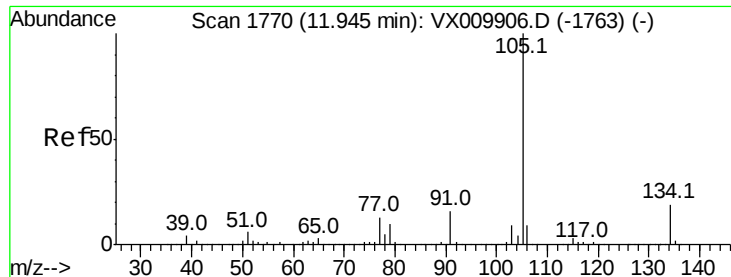
Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Tgt Ion:	105	Resp:	134528
Ion Ratio	Lower	Upper	
105	100		
120	43.8	22.1	66.1





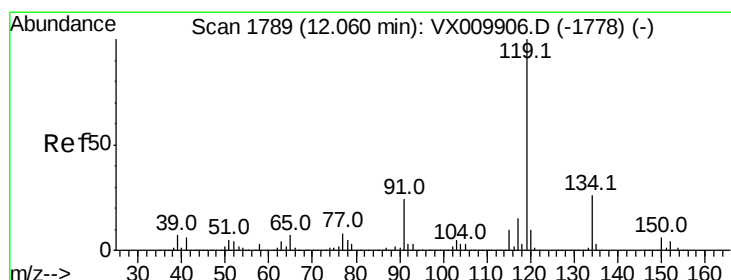
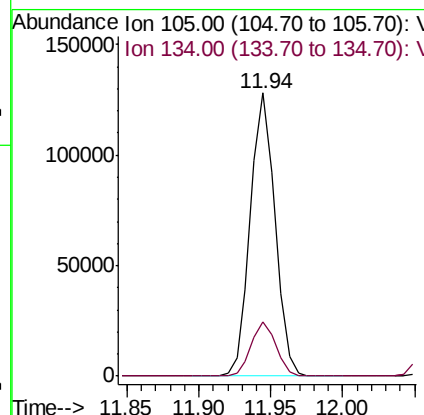
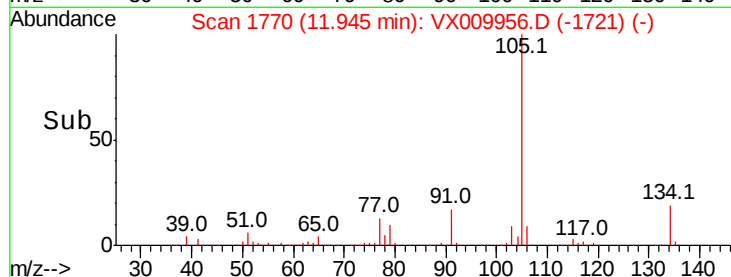
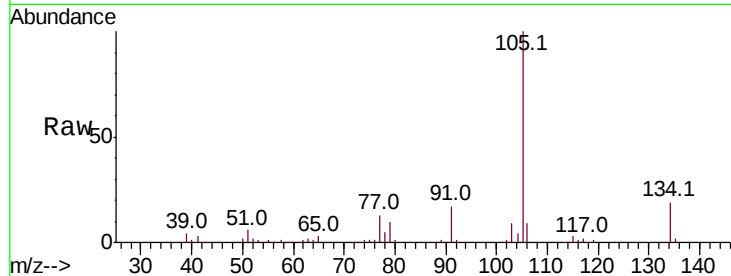
#85
 sec-Butylbenzene
 Concen: 19.180 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	152037		
134	19.2	9.7	28.9	

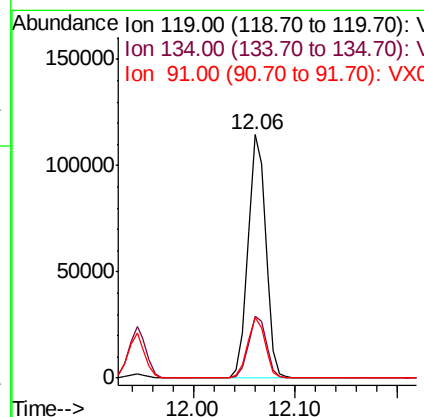
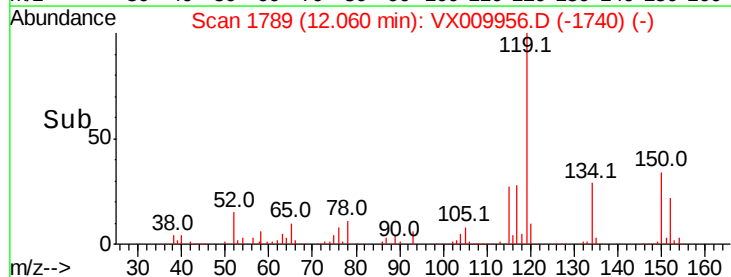
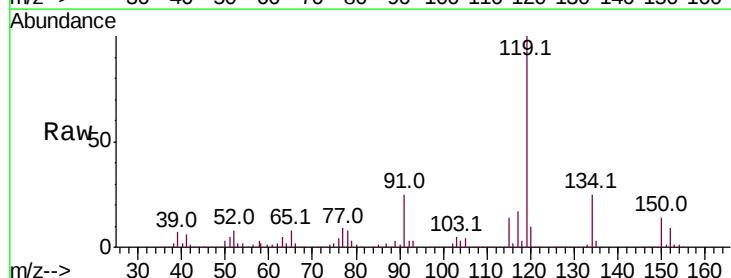
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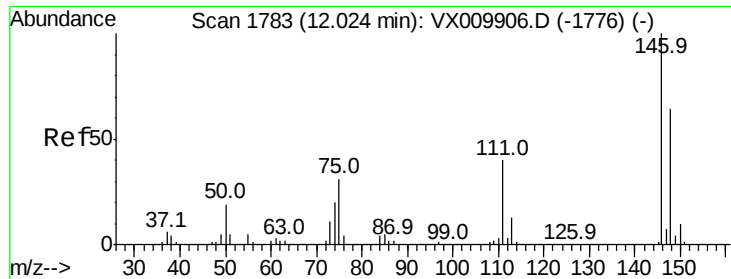
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#86
 p-Isopropyltoluene
 Concen: 19.315 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	137713		
134	25.7	12.9	38.6	
91	24.8	11.9	35.9	





#87

1,3-Dichlorobenzene

Concen: 18.124 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Instrument :

MSVOA_X

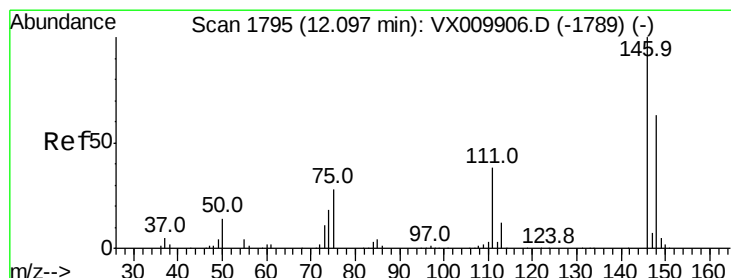
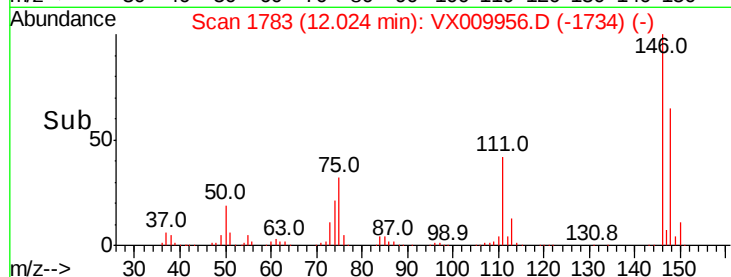
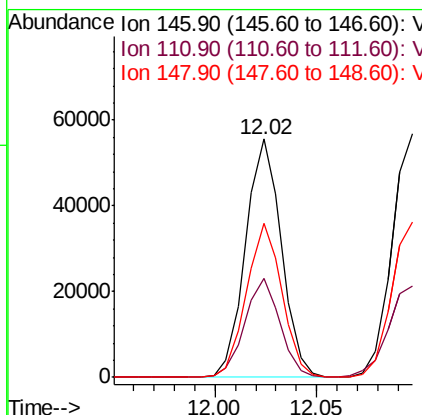
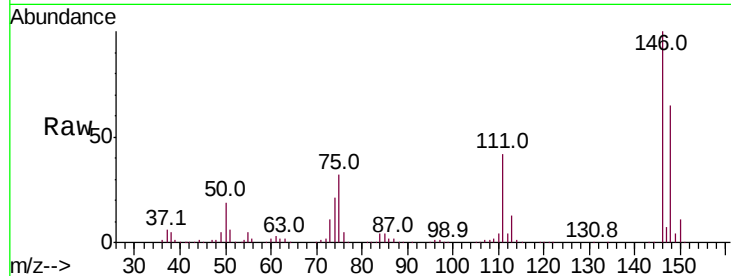
ClientSampleId :

VX0530WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.1	60.2
148	64.1	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 17.937 ug/l

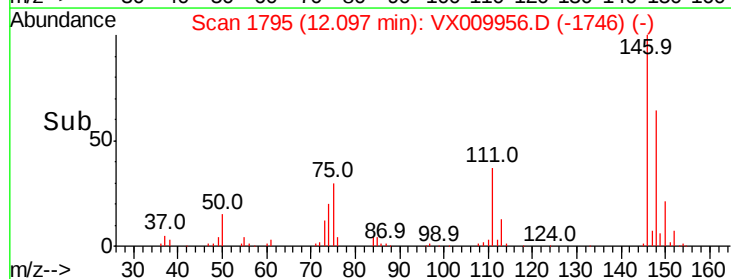
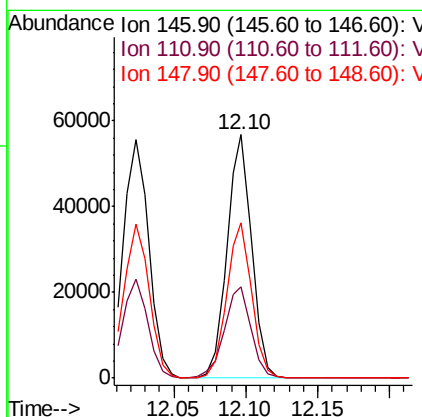
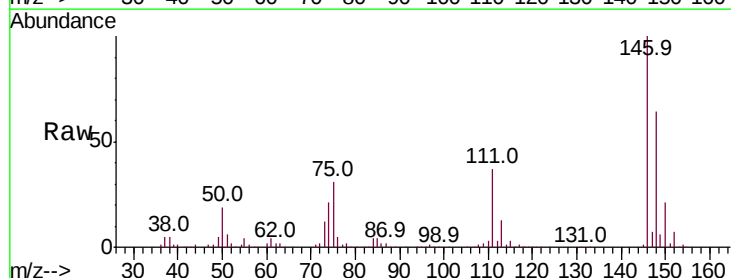
RT: 12.10 min Scan# 1795

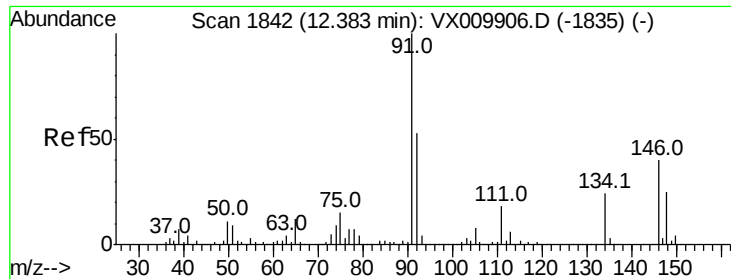
Delta R.T. 0.00 min

Lab File: VX009956.D

Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.0	59.9
148	64.6	32.3	96.9





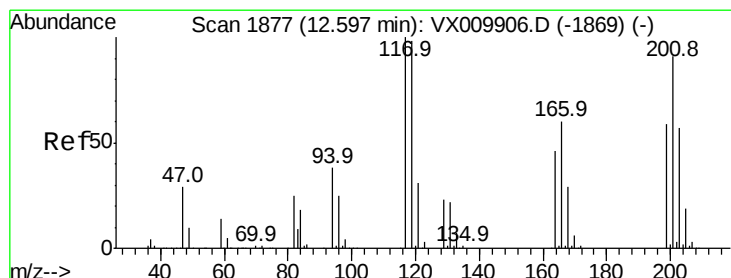
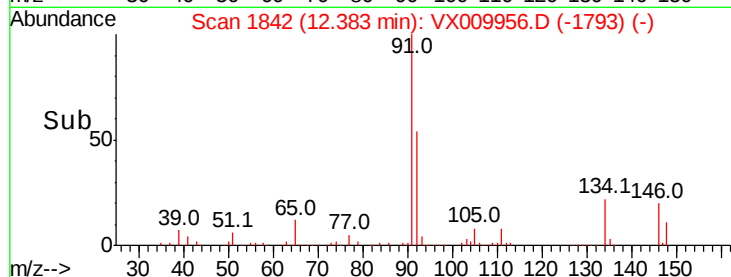
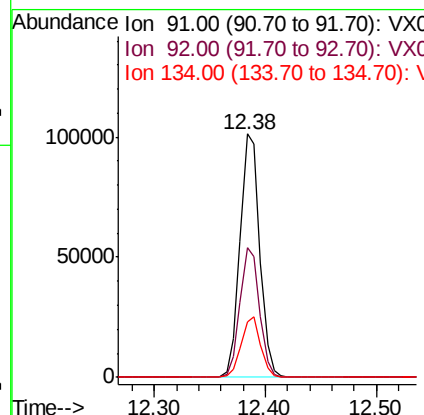
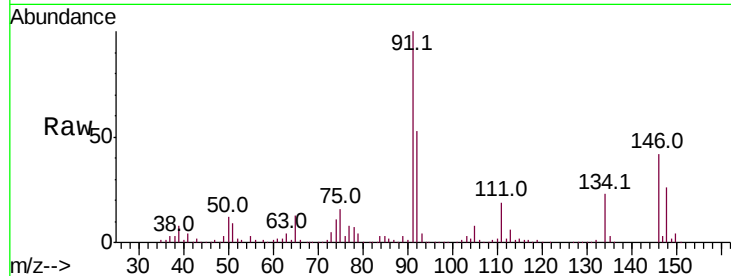
#89
n-Butylbenzene
Concen: 18.534 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	124185		
92	53.1	26.3	78.8	
134	24.4	12.3	36.8	

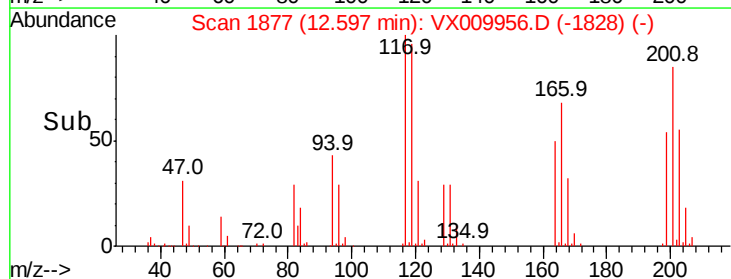
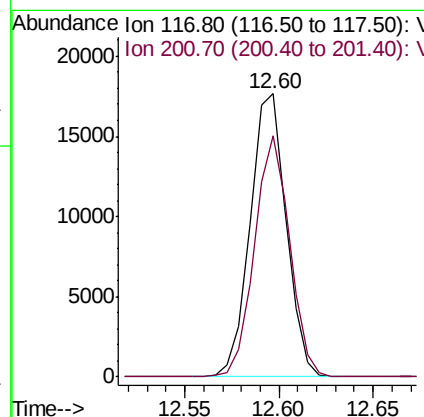
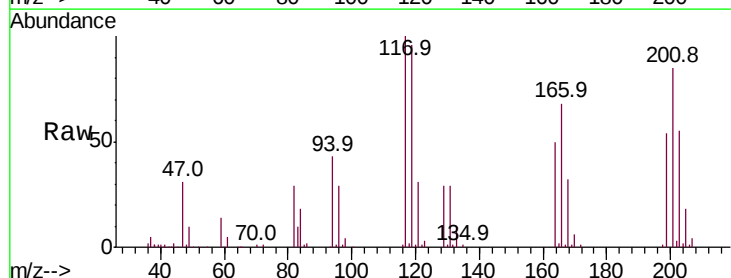
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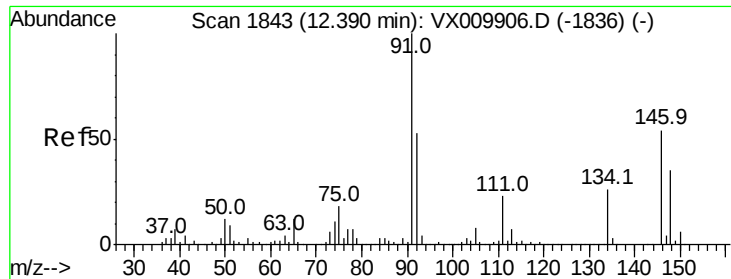
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#90
Hexachloroethane
Concen: 19.129 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	23405		
201	82.7	43.6	130.9	





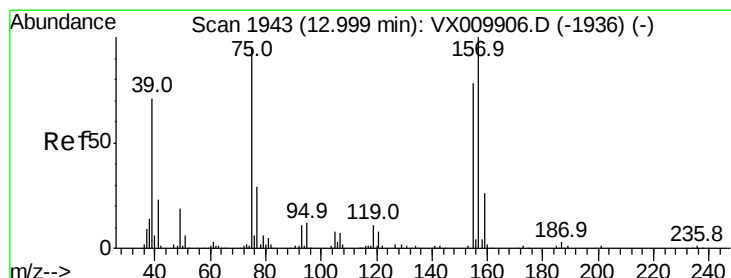
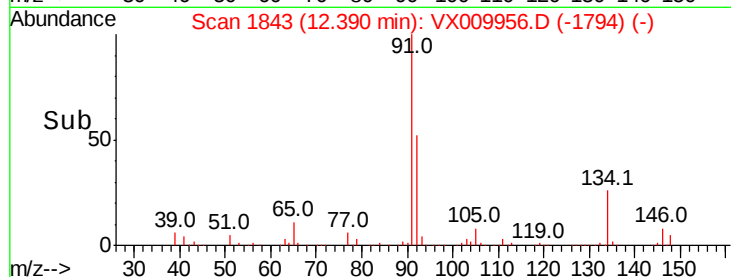
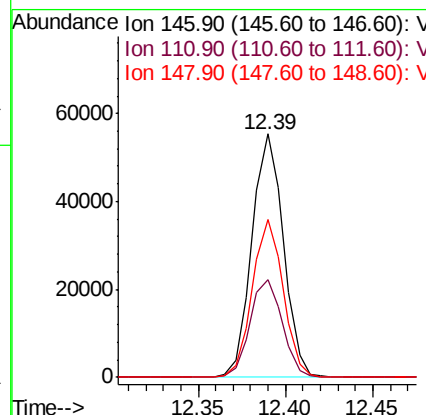
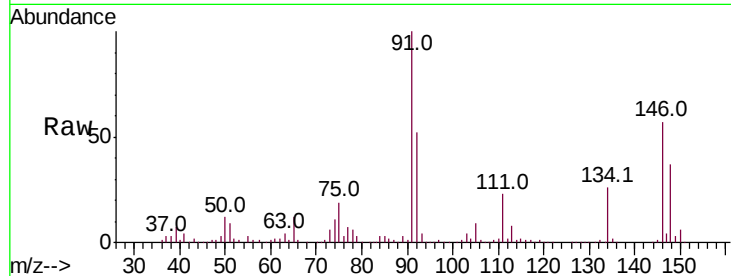
#91
 1,2-Dichlorobenzene
 Concen: 18.743 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.1	63.1
148	63.6	32.3	96.8

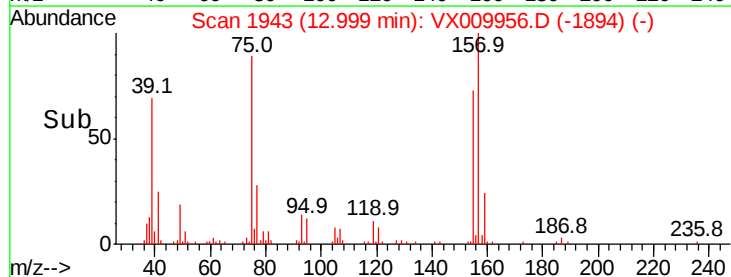
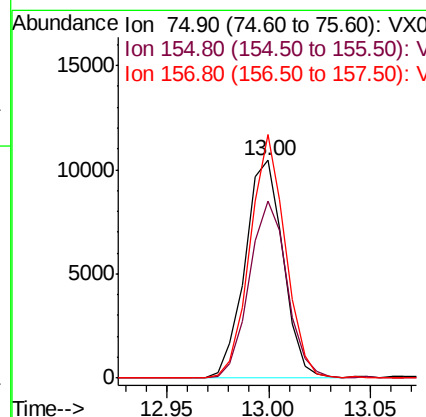
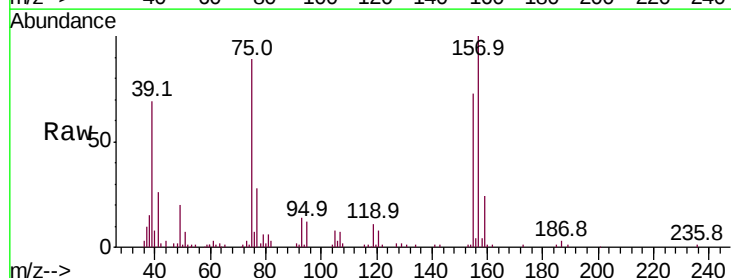
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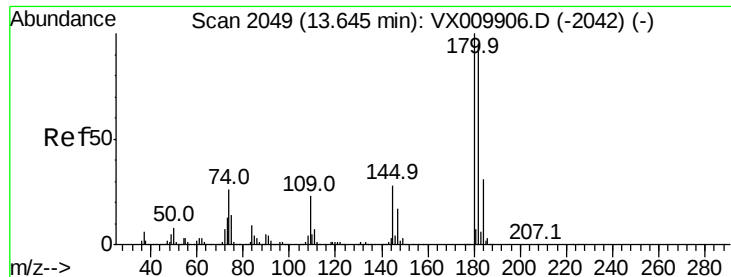
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.738 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.3	39.3	117.8
157	102.9	50.6	151.8





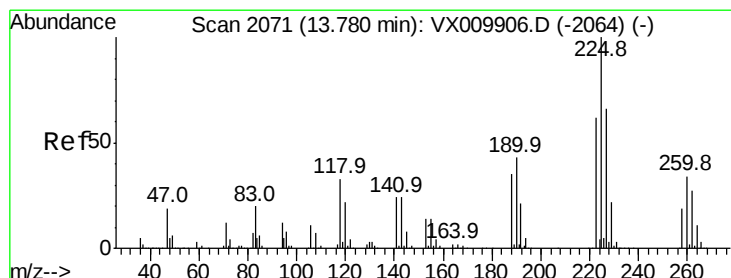
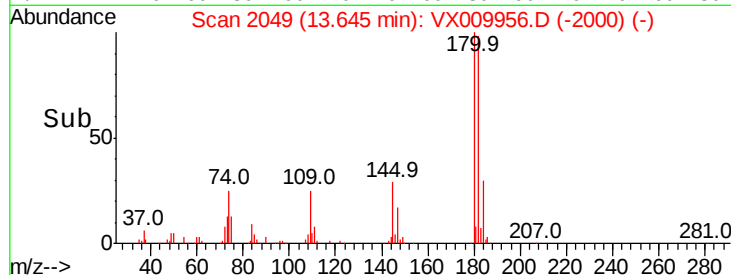
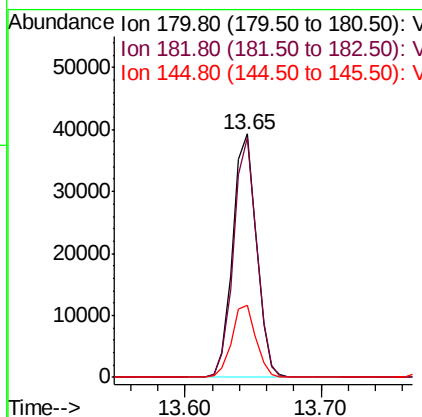
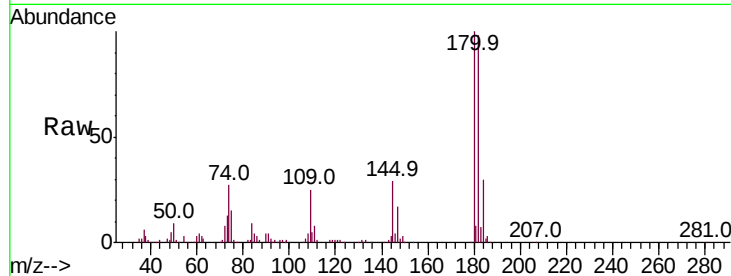
#93
 1,2,4-Trichlorobenzene
 Concen: 18.167 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.8	47.4	142.2	
145	30.1	14.5	43.5	

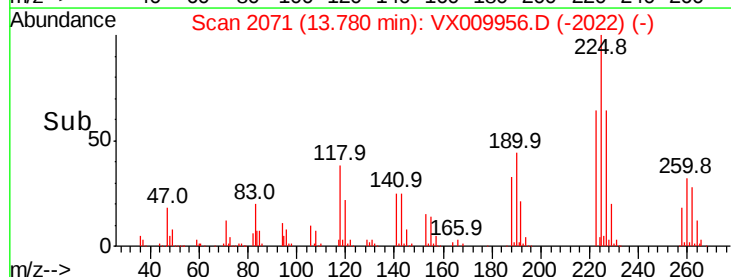
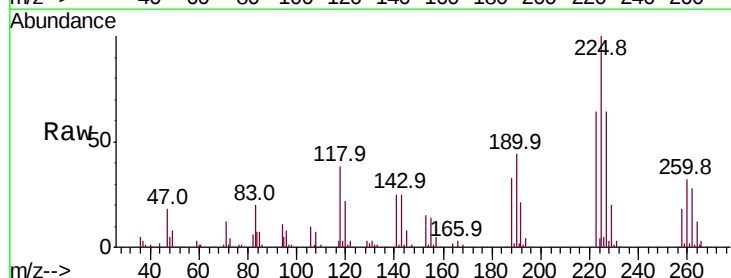
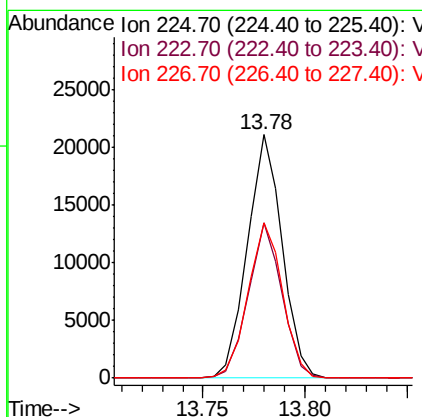
Manual Integrations
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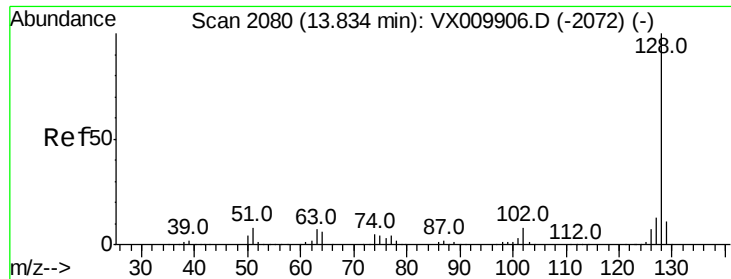
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#94
 Hexachlorobutadiene
 Concen: 18.879 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009956.D
 Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	31.3	93.8	
227	63.3	32.3	96.8	





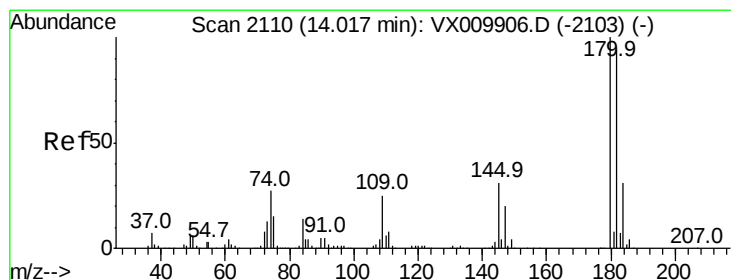
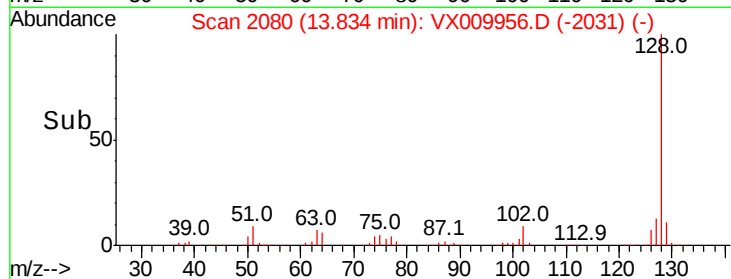
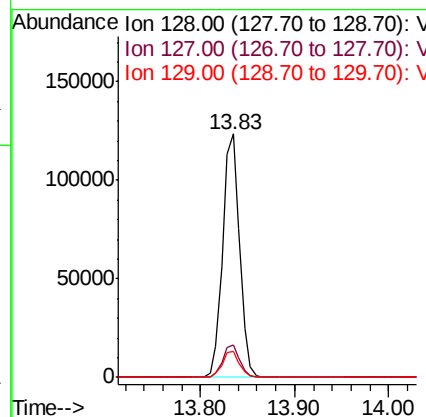
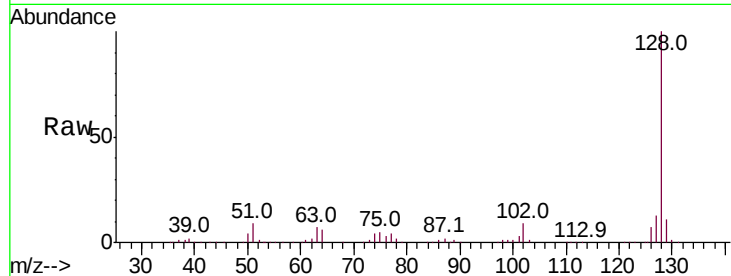
#95
Naphthalene
Concen: 18.682 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.8	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.435 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009956.D
Acq: 30 May 2019 13:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	142.0
145	30.0	15.6	46.7

