

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010555.D
 Acq On : 28 Jun 2019 23:57
 Operator : JC/SP
 Sample : VX0628WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 10:40:52 AM

Quant Time: Jun 29 06:42:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159623	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	95931	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
35) Dibromofluoromethane	5.50	113	92790	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	
50) Toluene-d8	8.71	98	348216	43.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.38%	
62) 4-Bromofluorobenzene	11.13	95	122813	42.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	28942	18.439	ug/l	98
3) Chloromethane	1.32	50	34023	18.615	ug/l	97
4) Vinyl Chloride	1.41	62	38225	19.094	ug/l	98
5) Bromomethane	1.64	94	23858	24.462	ug/l	97
6) Chloroethane	1.72	64	24535	20.773	ug/l	99
7) Trichlorofluoromethane	1.93	101	65836	20.745	ug/l	100
8) Diethyl Ether	2.19	74	24502	21.529	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38626	20.084	ug/l	99
10) Methyl Iodide	2.51	142	54819	19.973	ug/l	97
11) Tert butyl alcohol	3.04	59	61893	111.738	ug/l	100
12) 1,1-Dichloroethene	2.37	96	38054	19.446	ug/l	98
13) Acrolein	2.29	56	31781	86.491	ug/l	96
14) Allyl chloride	2.73	41	54444	19.596	ug/l	99
15) Acrylonitrile	3.14	53	118107	107.695	ug/l	99
16) Acetone	2.44	43	96933	91.369	ug/l	96
17) Carbon Disulfide	2.57	76	85392	16.264	ug/l	97
18) Methyl Acetate	2.78	43	46874	22.169	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	128179	20.820	ug/l	100
20) Methylene Chloride	2.86	84	45495	20.838	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	41663	19.795	ug/l	97
22) Diisopropyl ether	3.85	45	121503	20.917	ug/l	95
23) Vinyl Acetate	3.82	43	512755	102.179	ug/l	99
24) 1,1-Dichloroethane	3.70	63	69545	20.712	ug/l	98
25) 2-Butanone	4.67	43	158399	101.785	ug/l	100
26) 2,2-Dichloropropane	4.59	77	42554	14.589	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	49827	20.487	ug/l	97
28) Bromochloromethane	5.01	49	28806	17.943	ug/l	96
29) Tetrahydrofuran	5.13	42	101974	105.790	ug/l	99
30) Chloroform	5.21	83	74282	20.561	ug/l	98
31) Cyclohexane	5.57	56	59527	19.468	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	64744	20.296	ug/l	100
36) 1,1-Dichloropropene	5.80	75	52476	19.173	ug/l	99
37) Ethyl Acetate	4.84	43	59131	21.001	ug/l	99
38) Carbon Tetrachloride	5.79	117	55375	18.684	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	65702	18.263	ug/l	97
40) Benzene	6.14	78	170914	20.044	ug/l	100
41) Methacrylonitrile	5.05	41	31393	20.321	ug/l	97
42) 1,2-Dichloroethane	6.20	62	56070	21.602	ug/l	100
43) Isopropyl Acetate	6.45	43	93915	20.160	ug/l	99
44) Trichloroethene	7.21	130	50305	19.716	ug/l	94
45) 1,2-Dichloropropane	7.51	63	44015	20.441	ug/l	98
46) Dibromomethane	7.66	93	30551	19.775	ug/l	99
47) Bromodichloromethane	7.90	83	54269	19.168	ug/l	98
48) Methyl methacrylate	7.77	41	43238	19.969	ug/l	98
49) 1,4-Dioxane	7.74	88	26748	428.816	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	316387	106.194	ug/l	99
52) Toluene	8.79	92	111203	19.804	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	55159	17.377	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	63578	18.431	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	48860	21.098	ug/l	99
56) Ethyl methacrylate	9.18	69	69392	19.780	ug/l	97
57) 1,3-Dichloropropane	9.37	76	74204	20.642	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	159163	95.529	ug/l	100
59) 2-Hexanone	9.49	43	242376	103.366	ug/l	100
60) Dibromochloromethane	9.58	129	46991	18.123	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50029	20.014	ug/l	100
64) Tetrachloroethene	9.34	164	52180	20.671	ug/l	99
65) Chlorobenzene	10.14	112	127417	20.109	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	44955	19.478	ug/l	97
67) Ethyl Benzene	10.25	91	212102	19.828	ug/l	99
68) m/p-Xylenes	10.36	106	164450	39.676	ug/l	100
69) o-Xylene	10.69	106	80725	19.805	ug/l	98
70) Styrene	10.71	104	137005	20.043	ug/l	99
71) Bromoform	10.85	173	35025	17.451	ug/l #	99
73) Isopropylbenzene	11.02	105	215951	19.958	ug/l	99
74) N-amyl acetate	10.90	43	82456	20.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73120	20.405	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	58372m	20.068	ug/l	
77) Bromobenzene	11.26	156	59665	19.748	ug/l	99
78) n-propylbenzene	11.36	91	237557	19.976	ug/l	100
79) 2-Chlorotoluene	11.42	91	140130	19.788	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	178620	20.024	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17506	14.040	ug/l	89
82) 4-Chlorotoluene	11.51	91	162480	20.164	ug/l	100
83) tert-Butylbenzene	11.77	119	174742	19.518	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	179783	20.061	ug/l	100
85) sec-Butylbenzene	11.94	105	208268	19.812	ug/l	99
86) p-Isopropyltoluene	12.06	119	191443	19.689	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	103421	19.610	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	104746	19.509	ug/l	99
89) n-Butylbenzene	12.38	91	158379	19.169	ug/l	100
90) Hexachloroethane	12.60	117	28052	16.685	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	105347	20.098	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14594	18.889	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	71315	19.619	ug/l	99
94) Hexachlorobutadiene	13.78	225	33133	18.650	ug/l	98
95) Naphthalene	13.83	128	225581	20.194	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	72161	19.966	ug/l	100

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

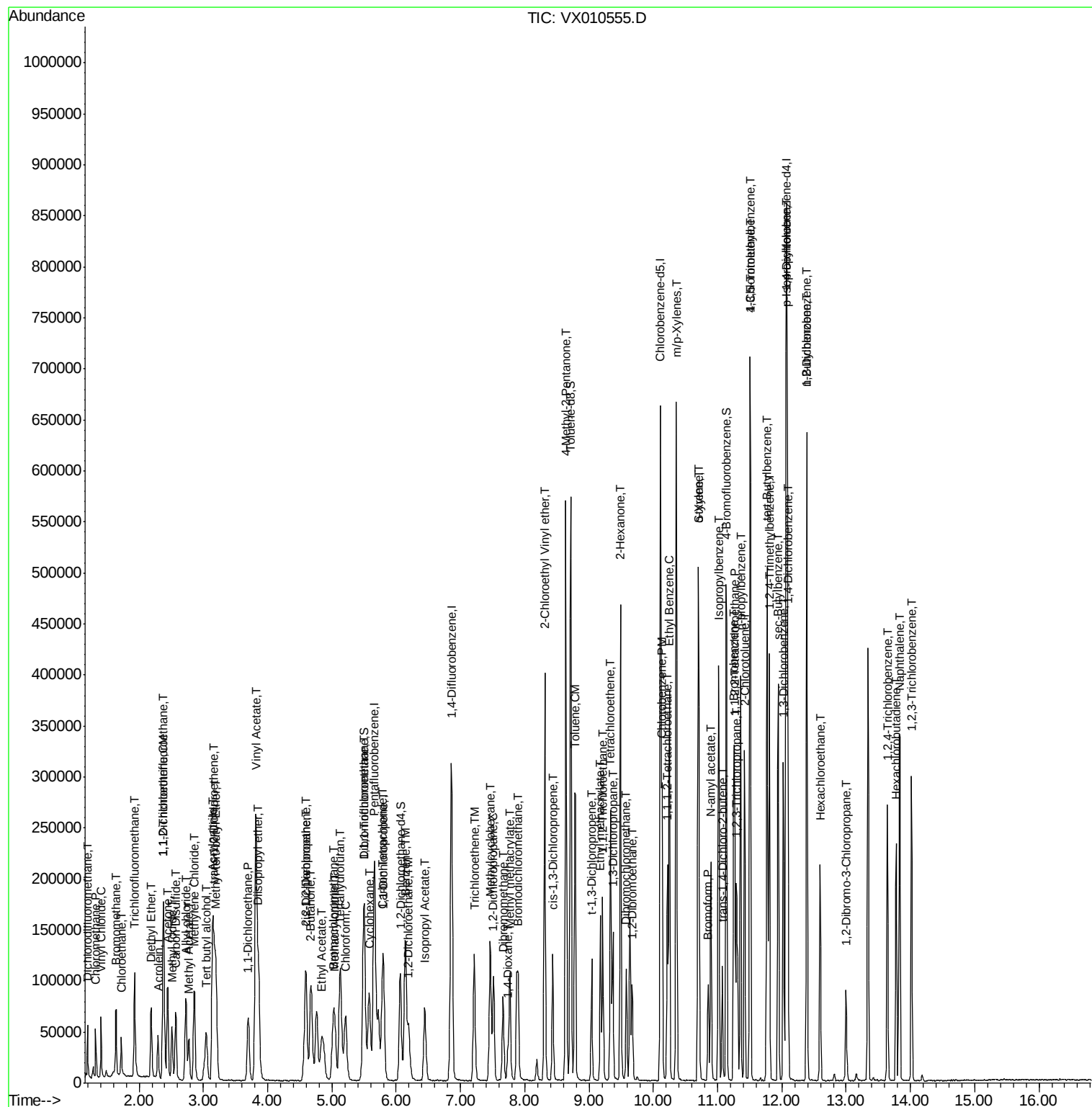
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
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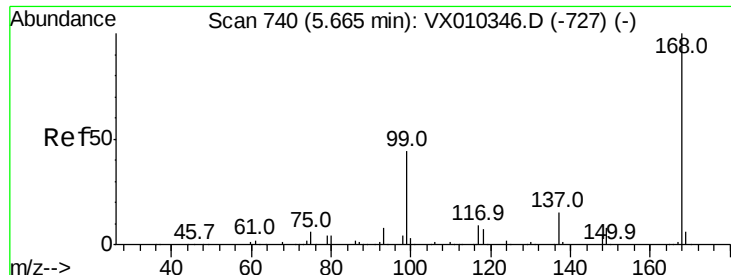
Instrument :
MSVOA_X
Client Sampled :
VX0628WBSD02

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion:168 Resp: 225773

Ion Ratio Lower Upper

168 100

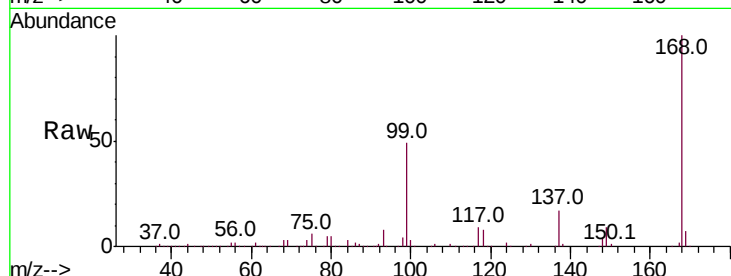
99 48.8 35.5 53.3

Manual Integrations

APPROVED

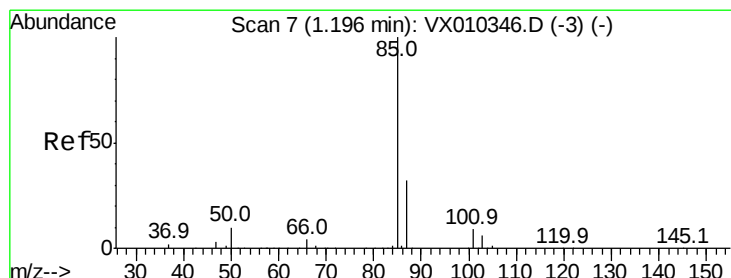
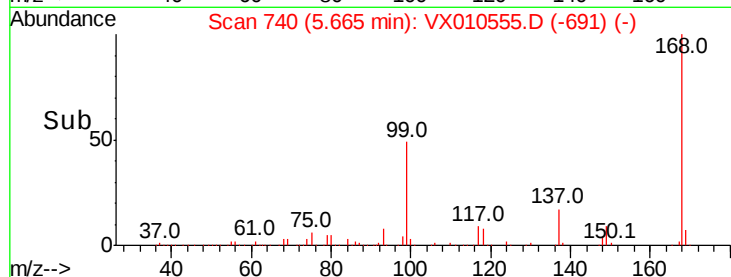
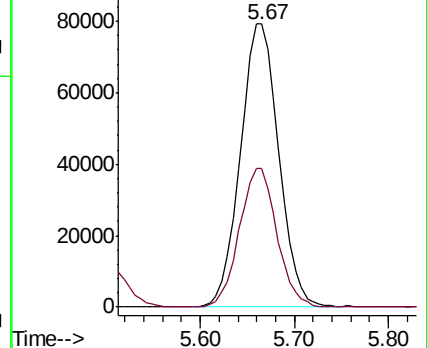
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.439 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010555.D

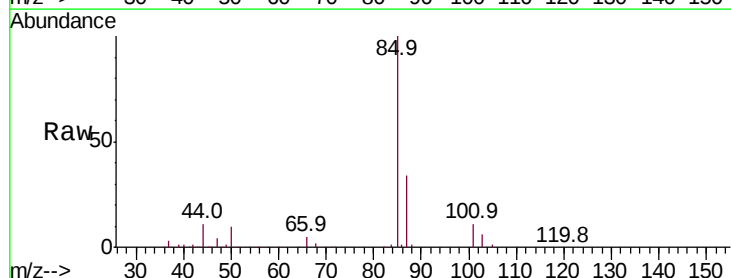
Acq: 28 Jun 2019 23:57

Tgt Ion: 85 Resp: 28942

Ion Ratio Lower Upper

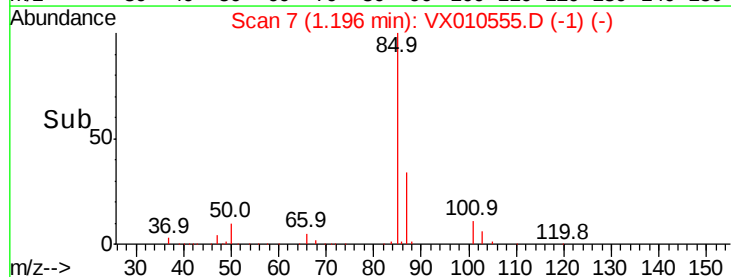
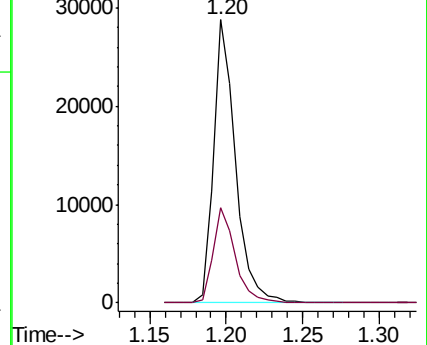
85 100

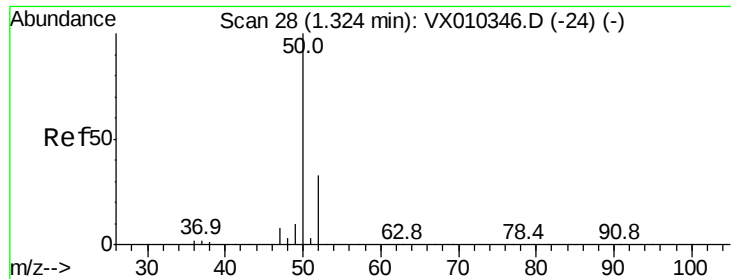
87 33.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.615 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion: 50 Resp: 34023

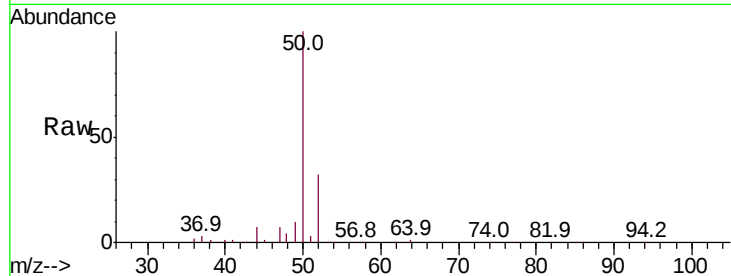
Ion Ratio Lower Upper

50 100

52 31.4 26.5 39.7

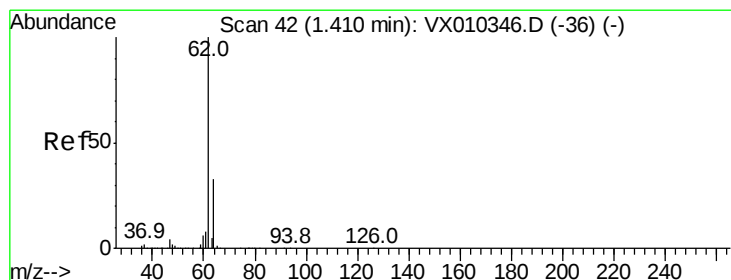
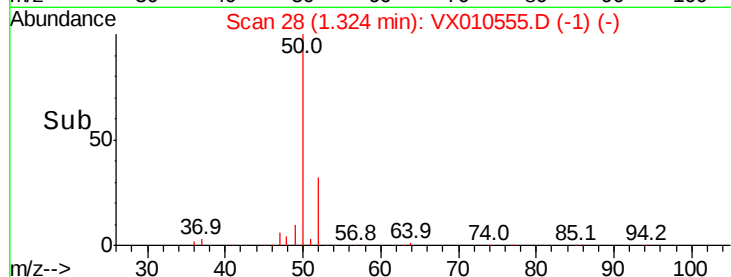
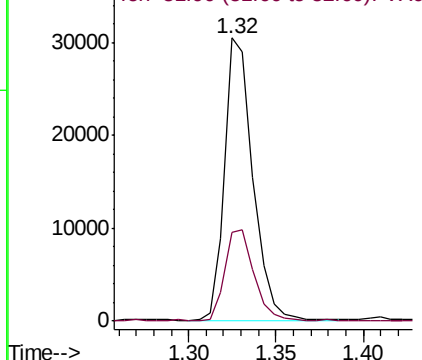
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.094 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010555.D

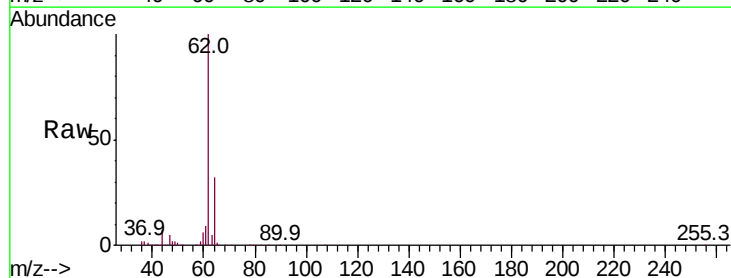
Acq: 28 Jun 2019 23:57

Tgt Ion: 62 Resp: 38225

Ion Ratio Lower Upper

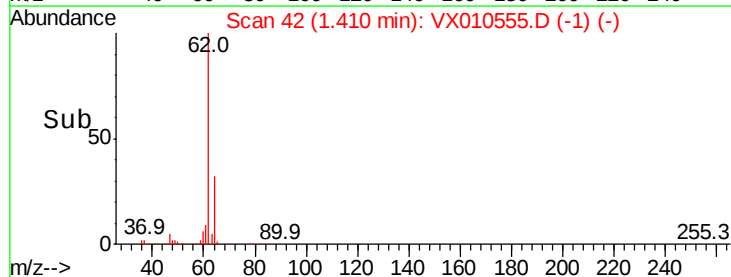
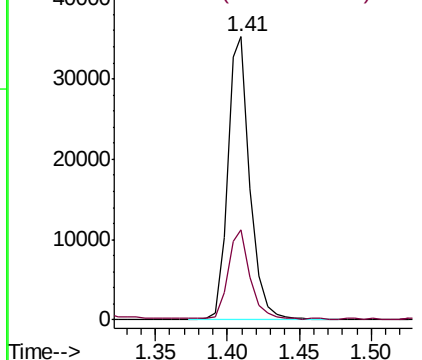
62 100

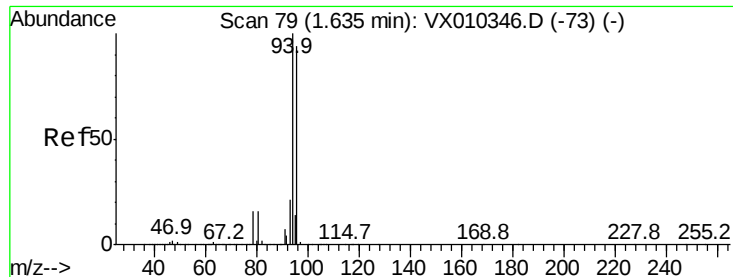
64 31.4 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.462 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 23858

Ion Ratio Lower Upper

94 100

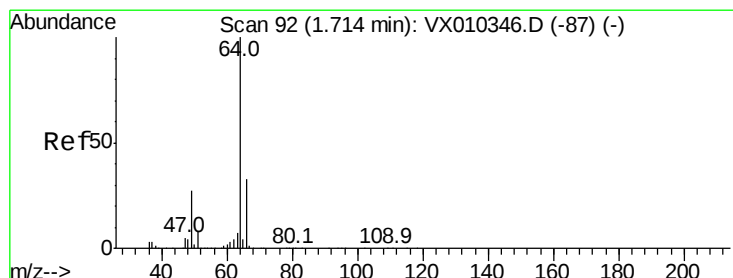
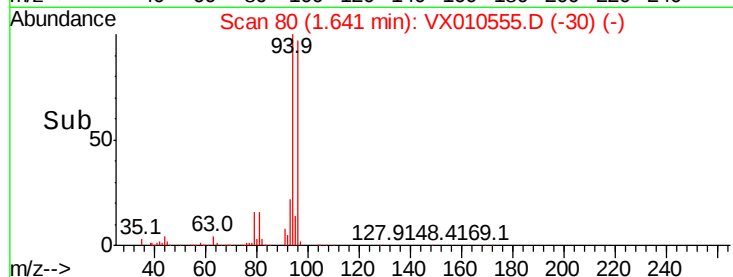
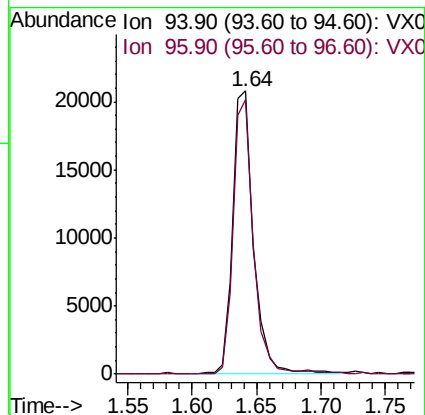
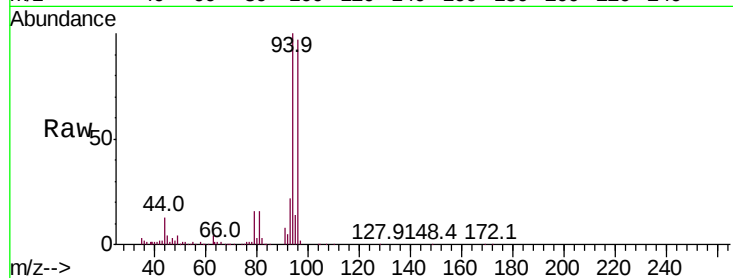
96 96.9 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 20.773 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010555.D

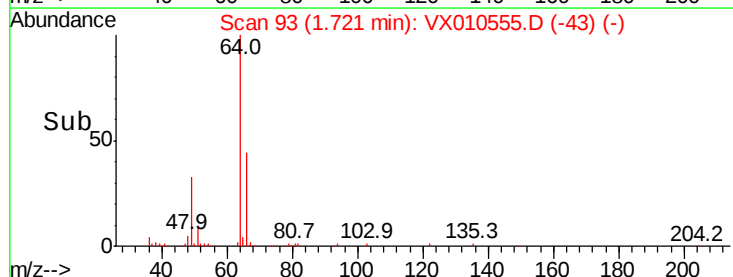
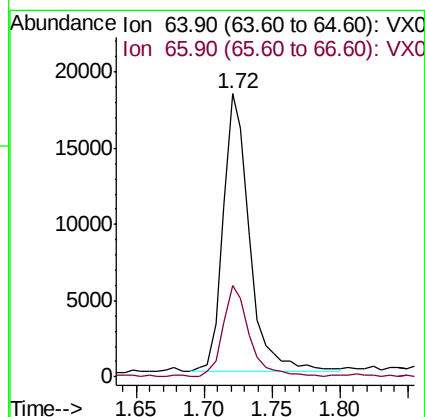
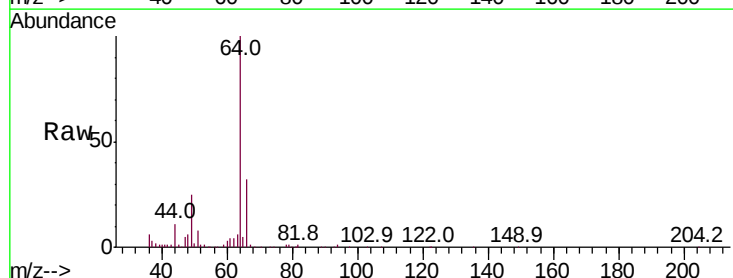
Acq: 28 Jun 2019 23:57

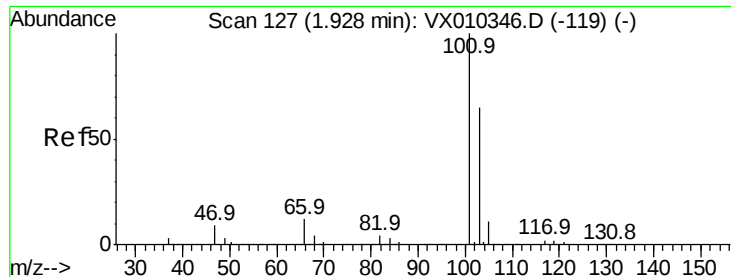
Tgt Ion: 64 Resp: 24535

Ion Ratio Lower Upper

64 100

66 32.8 26.6 40.0





#7

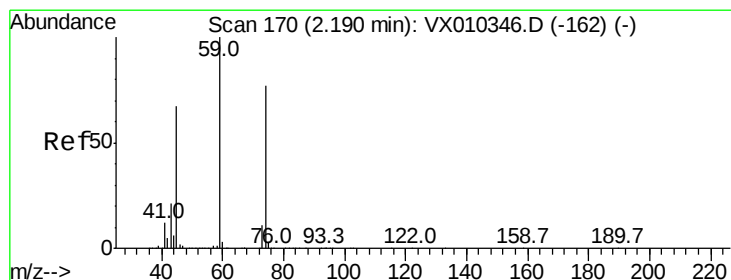
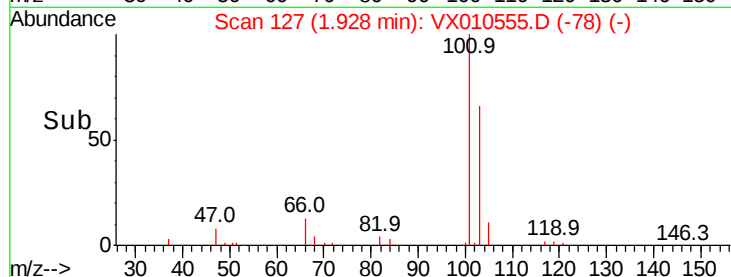
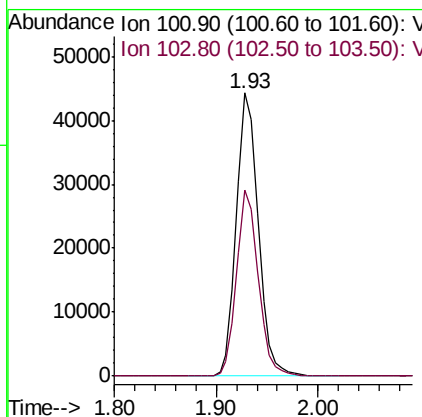
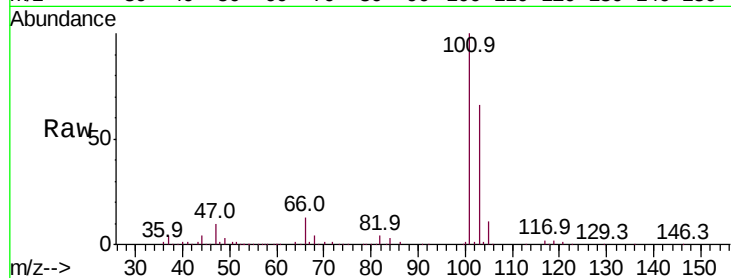
Trichlorofluoromethane
Concen: 20.745 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

Tot Ion:101 Resp: 65836
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5

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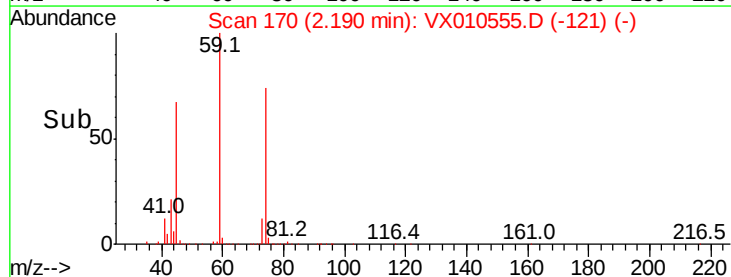
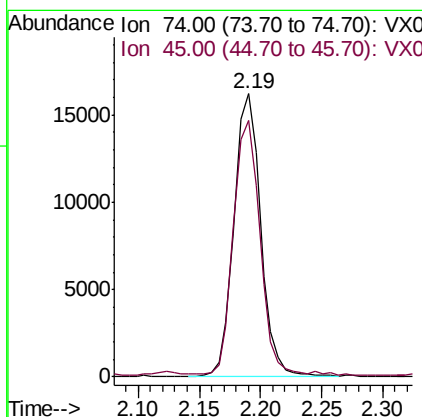
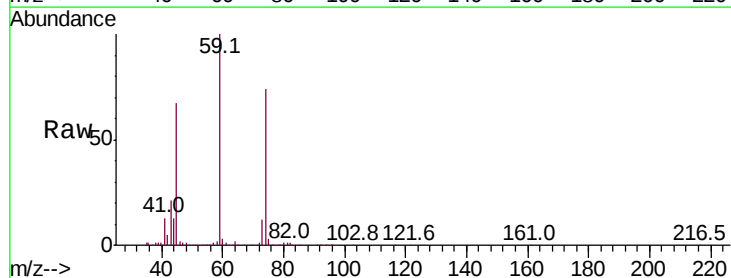
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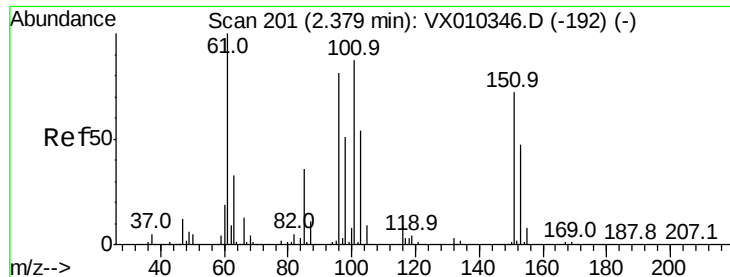


#8

Diethyl Ether
Concen: 21.529 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion: 74 Resp: 24502
Ion Ratio Lower Upper
74 100
45 88.1 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.084 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

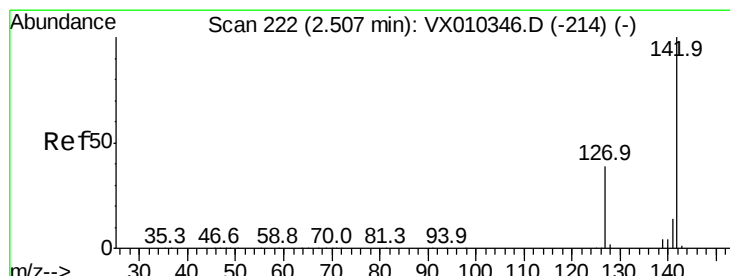
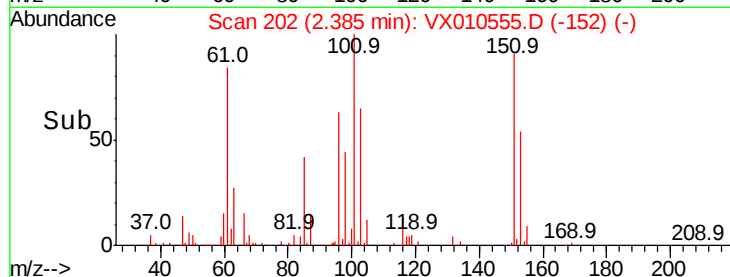
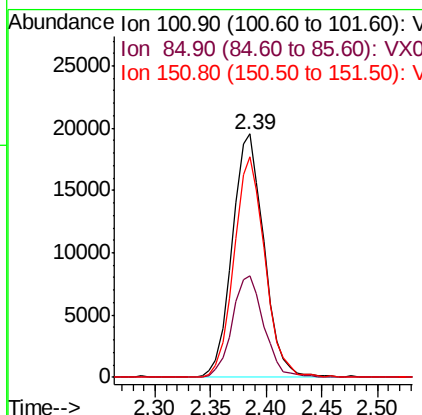
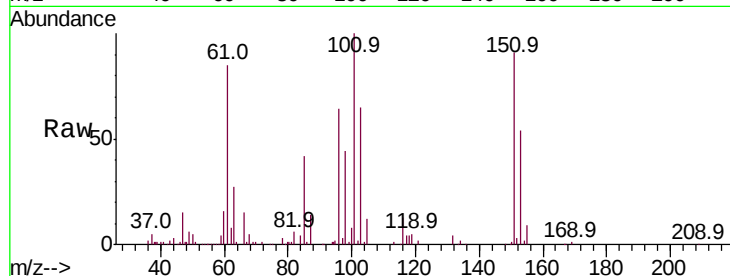
ClientSampleId :

VX0628WBSD02

Tot Ion:	101	Resp:	38626
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.7	50.5
151	88.1	70.1	105.1

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#10

Methyl Iodide

Concen: 19.973 ug/l

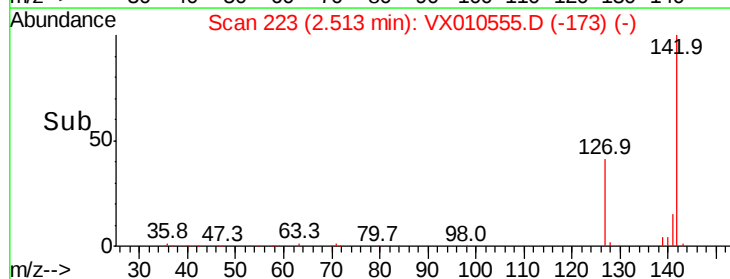
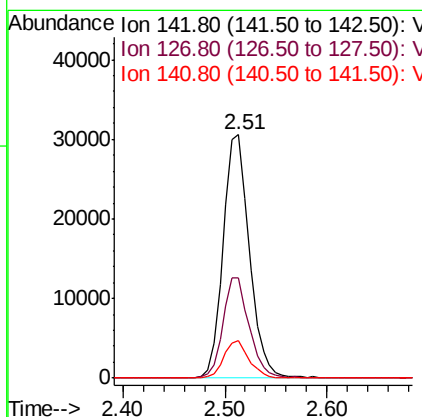
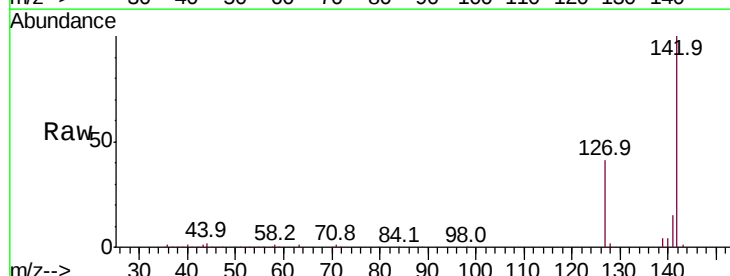
RT: 2.51 min Scan# 223

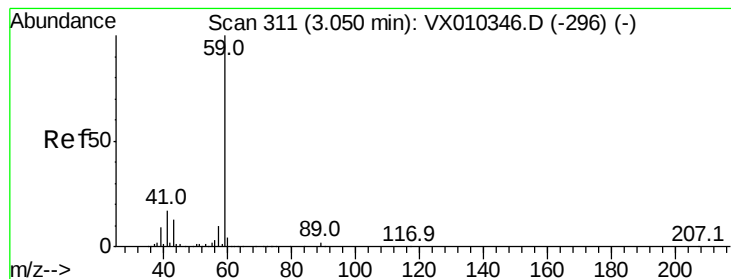
Delta R.T. 0.01 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Tgt Ion:	142	Resp:	54819
Ion Ratio	Lower	Upper	
142	100		
127	41.3	31.1	46.7
141	14.5	11.2	16.8





#11

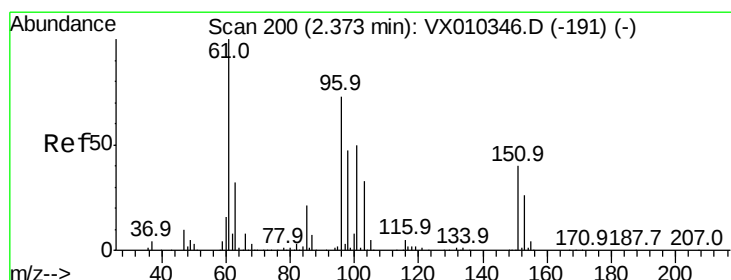
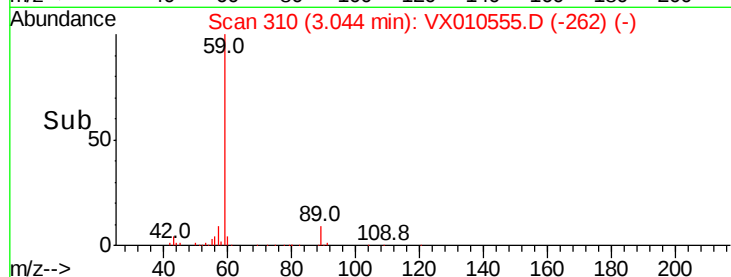
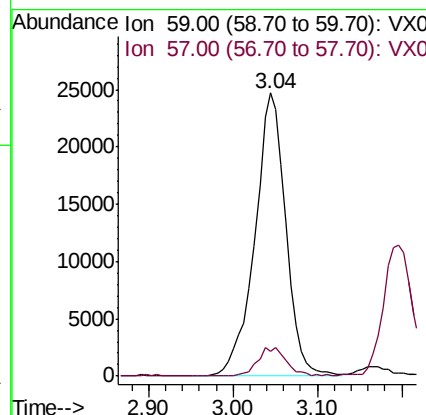
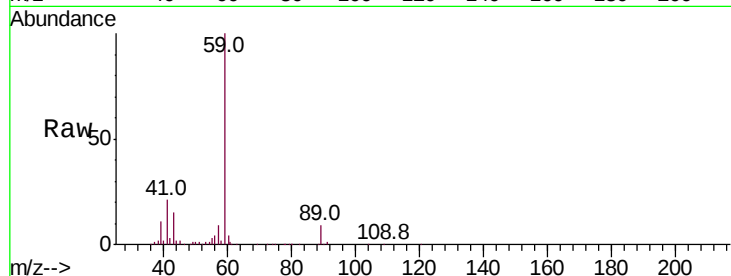
Tert butyl alcohol
Concen: 111.738 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

Tot Ion: 59 Resp: 61893
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5

Manual Integrations
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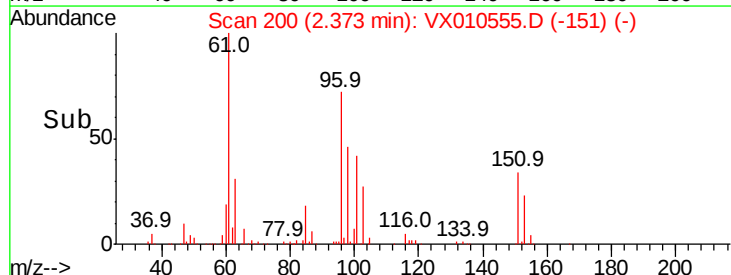
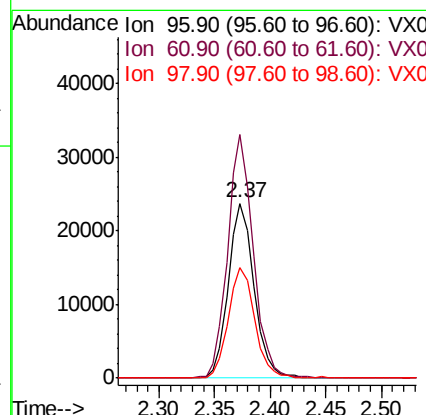
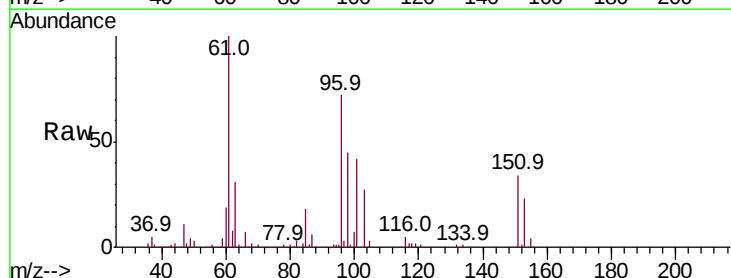
MMDadoda
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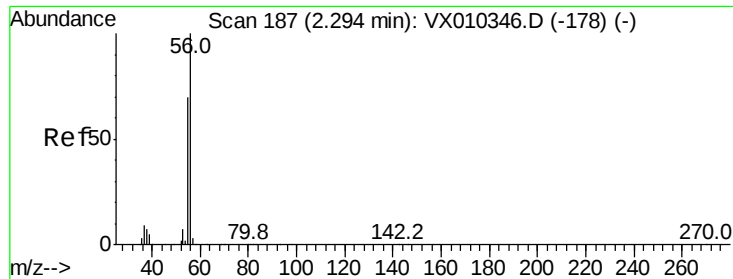


#12

1,1-Dichloroethene
Concen: 19.446 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion: 96 Resp: 38054
Ion Ratio Lower Upper
96 100
61 139.4 109.2 163.8
98 63.4 51.1 76.7





#13

Acrolein

Concen: 86.491 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion: 56 Resp: 31781

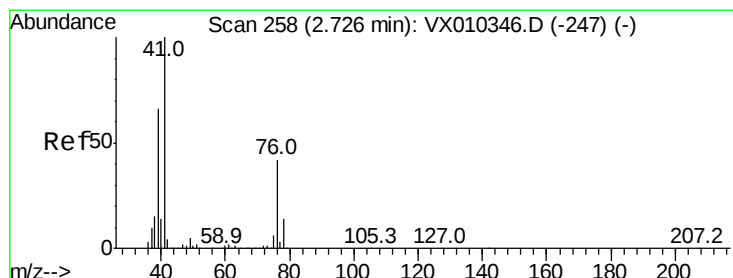
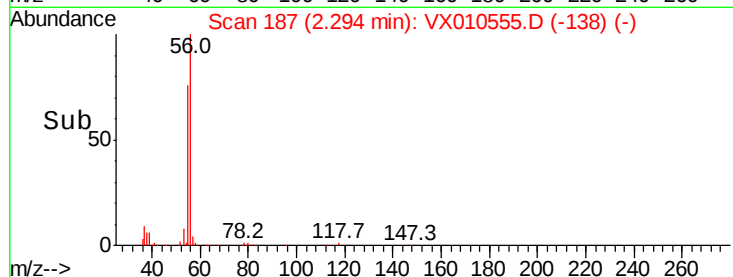
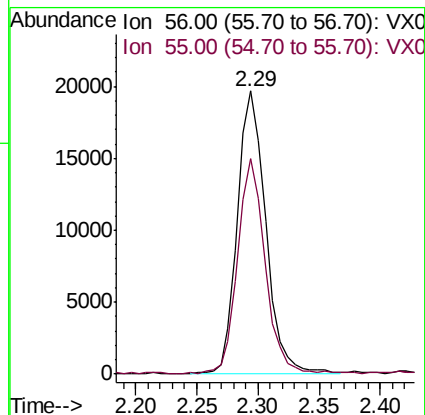
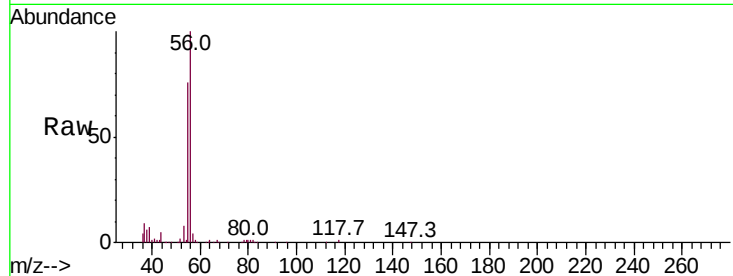
Ion Ratio Lower Upper

56 100

55 74.2 56.9 85.3

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#14

Allyl chloride

Concen: 19.596 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

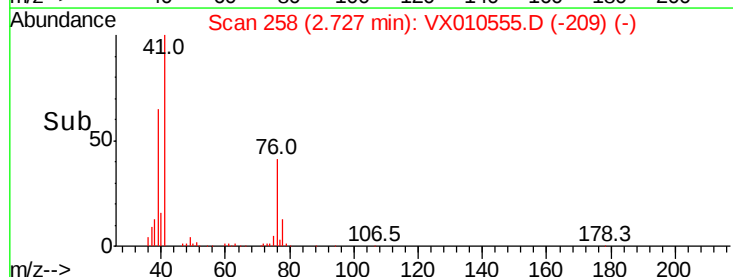
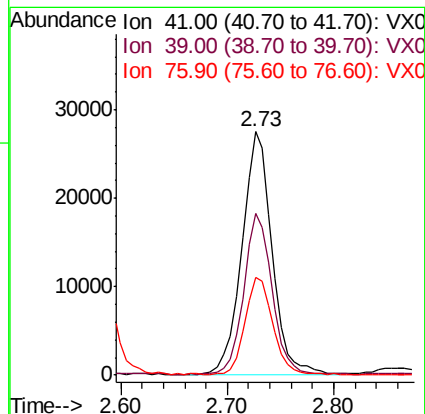
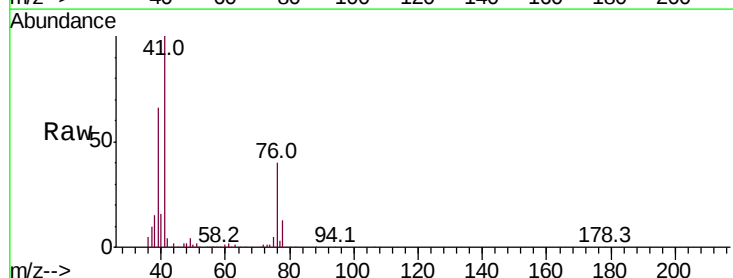
Tgt Ion: 41 Resp: 54444

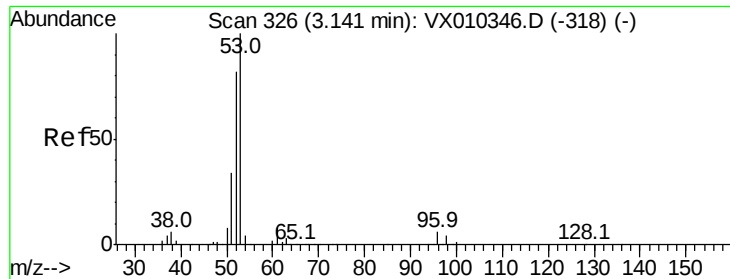
Ion Ratio Lower Upper

41 100

39 62.5 50.3 75.5

76 37.7 31.3 46.9





#15

Acrylonitrile

Concen: 107.695 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

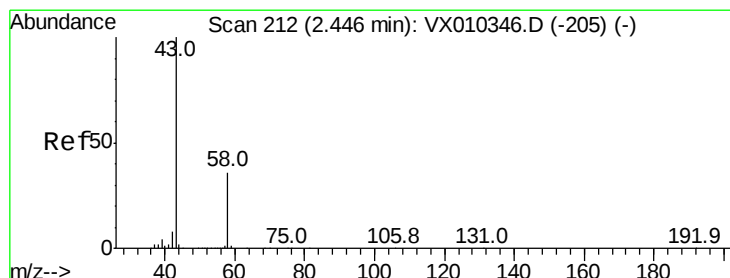
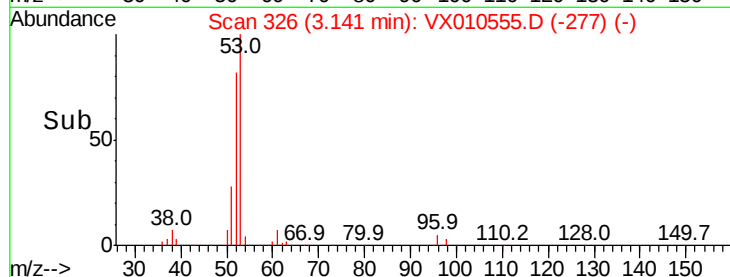
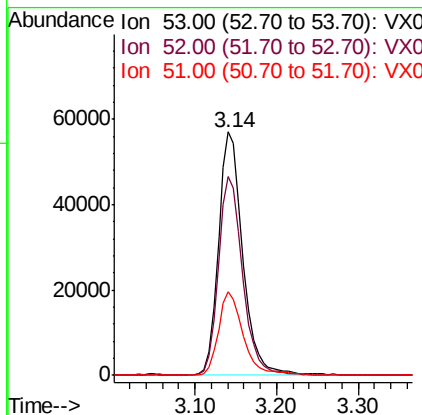
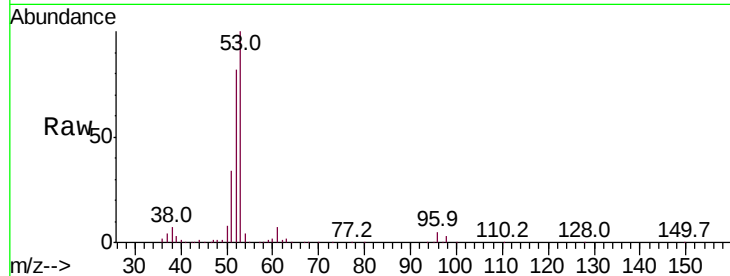
ClientSampleId :

VX0628WBSD02

Tot Ion:	53	Resp:	118107
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.5	98.3
51	34.4	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 91.369 ug/l

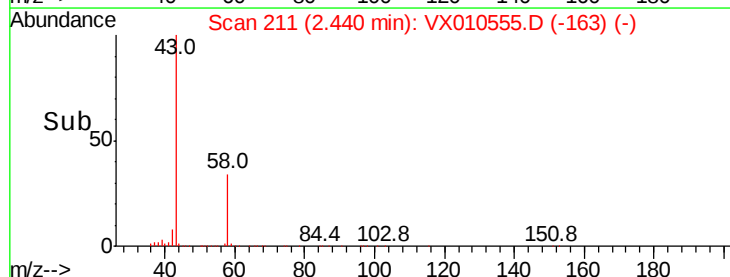
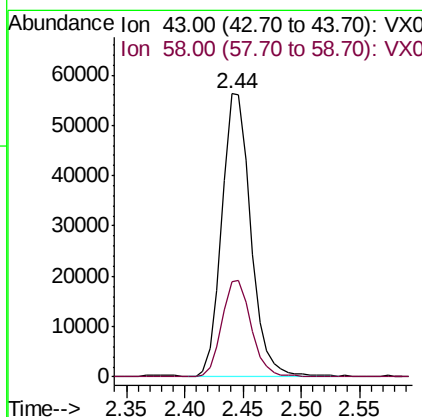
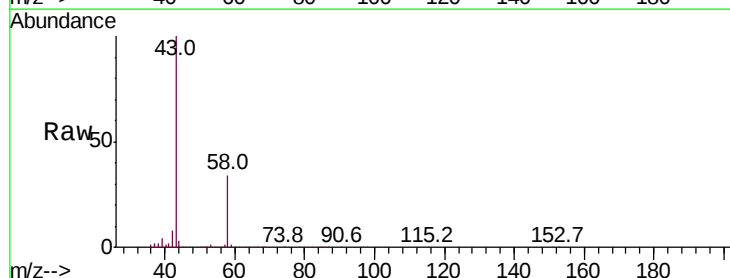
RT: 2.44 min Scan# 211

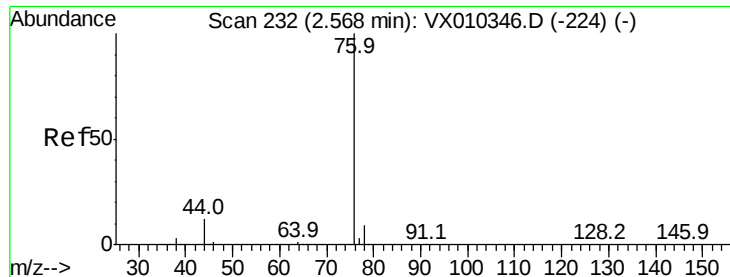
Delta R.T. -0.01 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Tgt Ion:	43	Resp:	96933
Ion Ratio	Lower	Upper	
43	100		
58	33.7	28.9	43.3





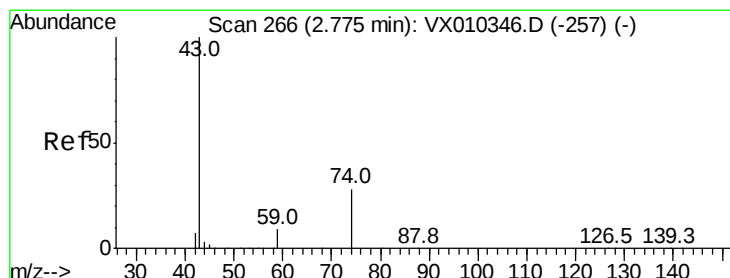
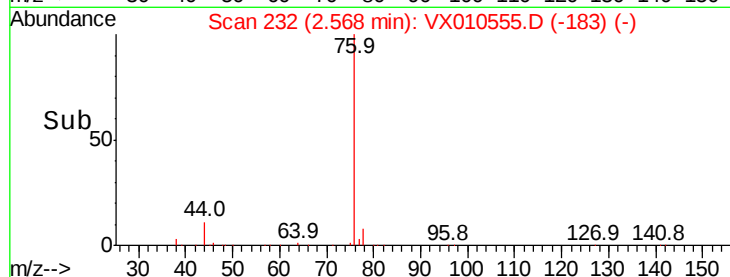
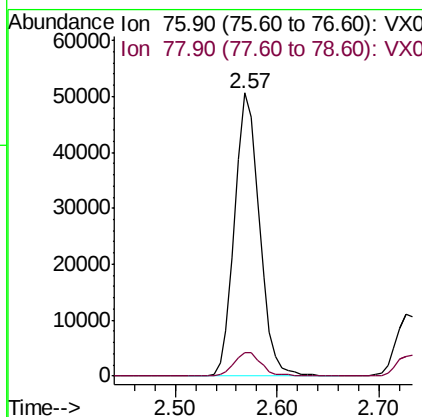
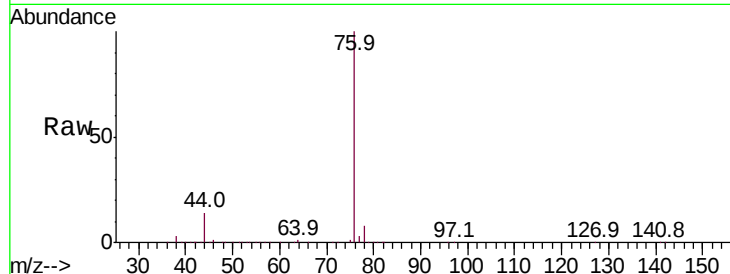
#17
Carbon Disulfide
Concen: 16.264 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.3	10.9

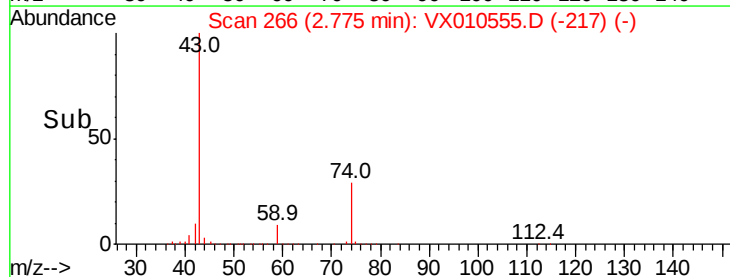
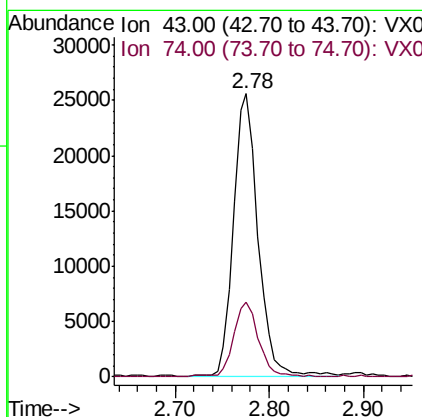
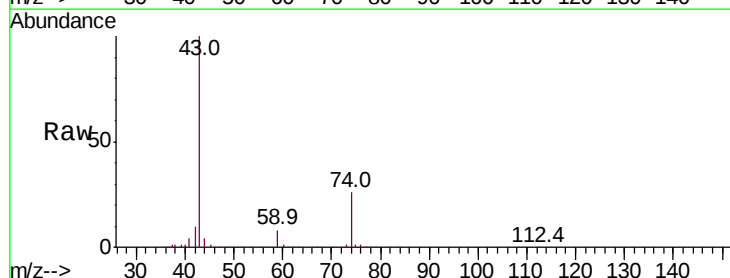
Manual Integrations
APPROVED

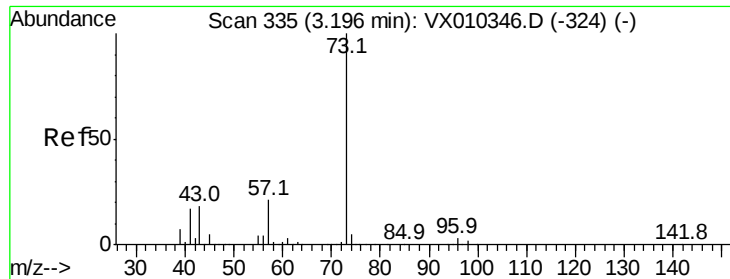
MMDadoda
7/1/2019 10:40:52 AM



#18
Methyl Acetate
Concen: 22.169 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	21.3	31.9





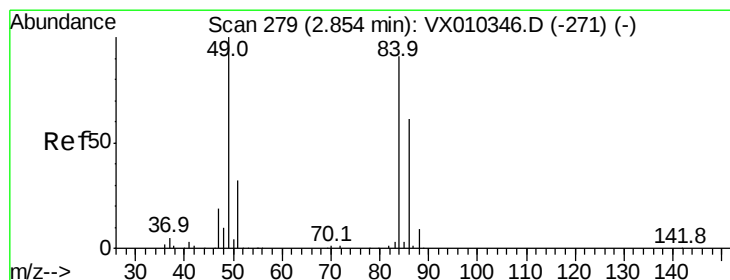
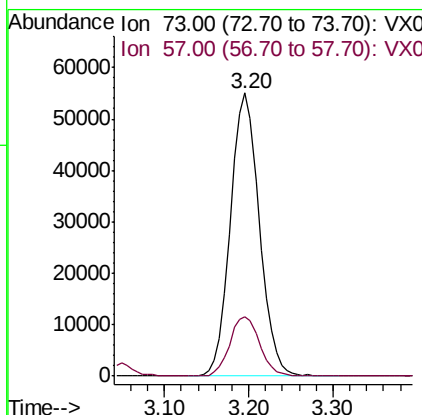
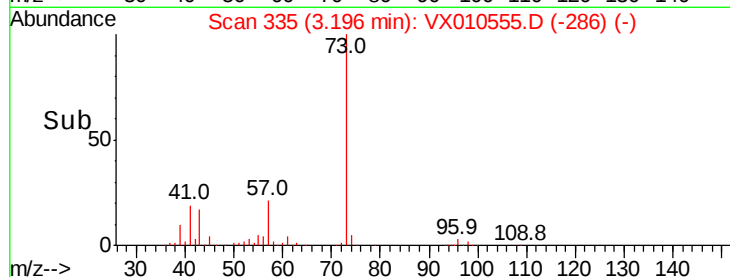
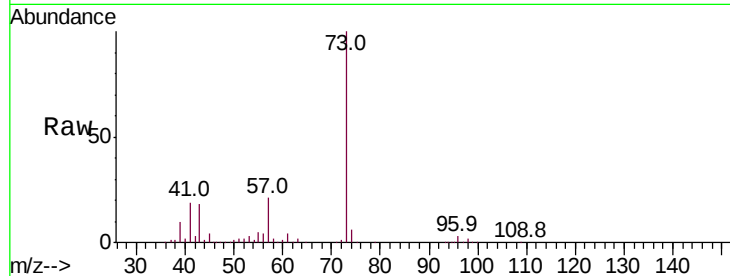
#19
Methyl tert-butyl Ether
Concen: 20.820 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

Tot Ion: 73 Resp: 128179
Ion Ratio Lower Upper
73 100
57 20.6 16.4 24.6

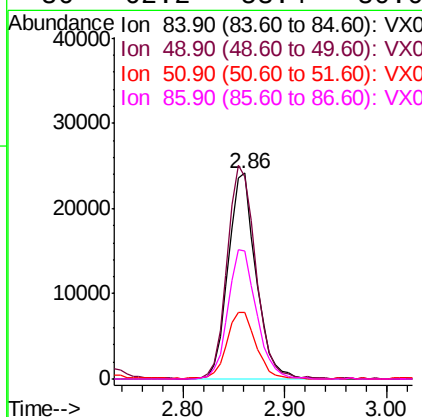
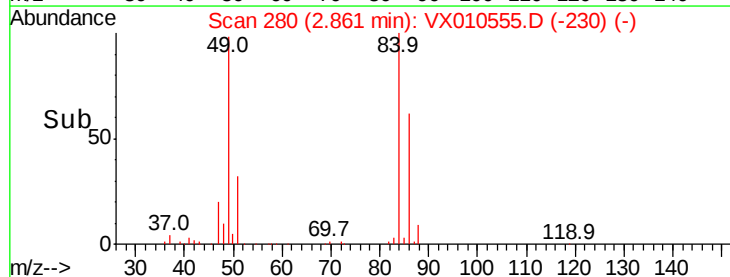
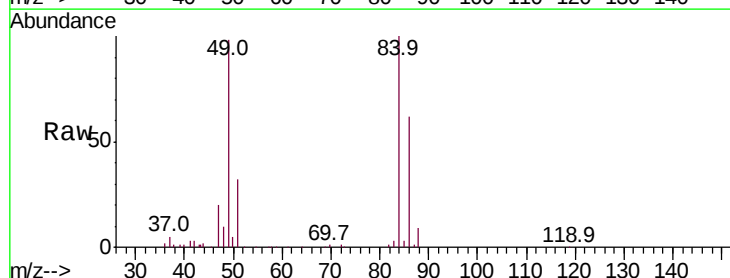
Manual Integrations
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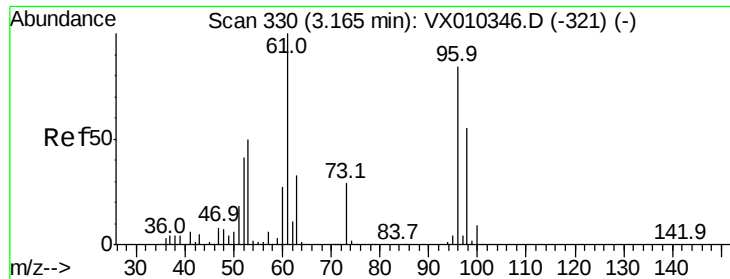
MMDadoda
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#20
Methylene Chloride
Concen: 20.838 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion: 84 Resp: 45495
Ion Ratio Lower Upper
84 100
49 98.1 87.5 131.3
51 31.9 27.7 41.5
86 62.2 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 19.795 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampled :

VX0628WBSD02

Tot Ion: 96 Resp: 41663

Ion Ratio Lower Upper

96 100

61 124.4 95.6 143.4

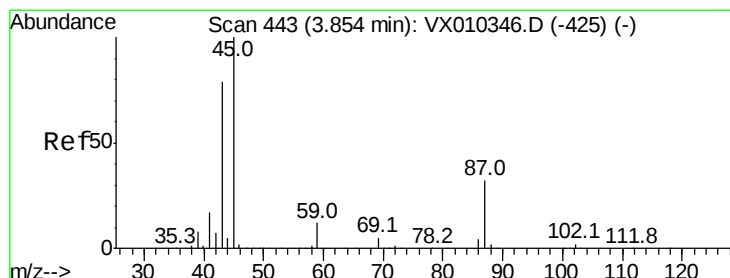
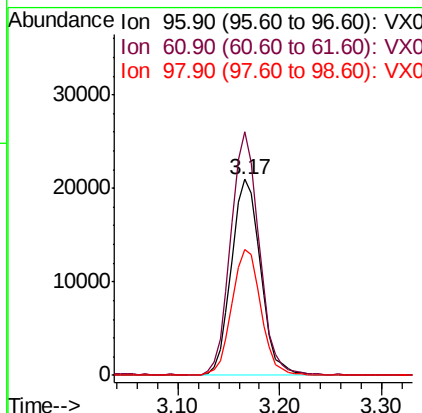
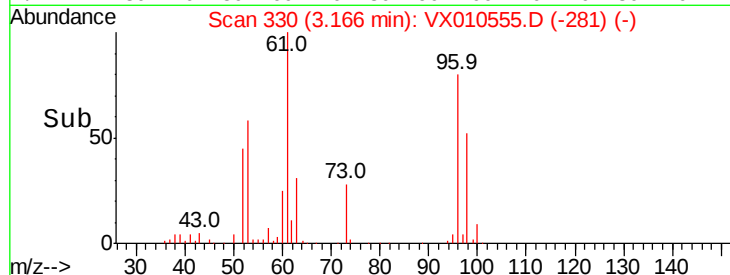
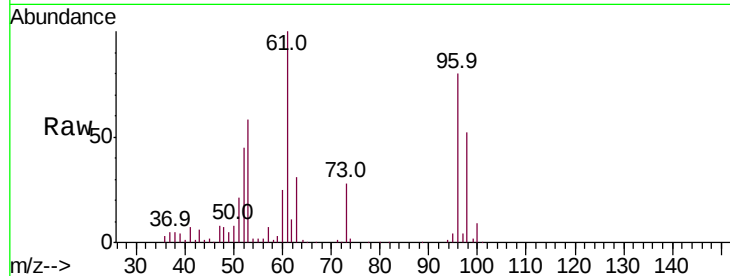
98 64.1 52.5 78.7

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.917 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Tgt Ion: 45 Resp: 121503

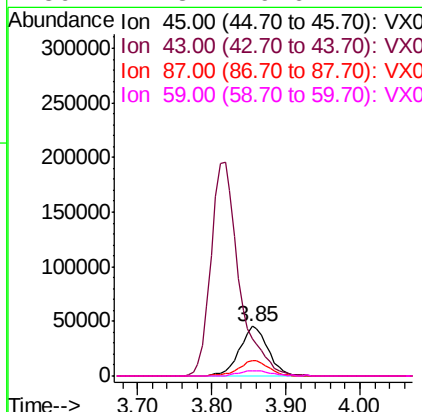
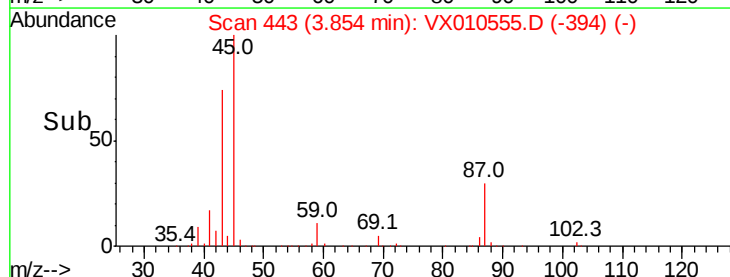
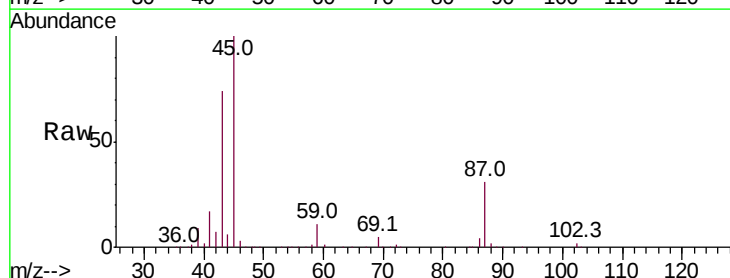
Ion Ratio Lower Upper

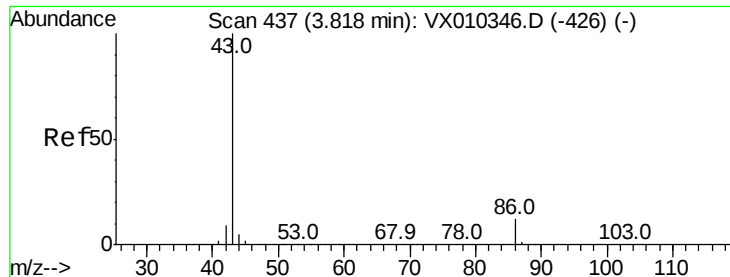
45 100

43 73.3 63.3 94.9

87 30.7 25.8 38.8

59 11.3 9.6 14.4





#23

Vinyl Acetate

Concen: 102.179 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampled :

VX0628WBSD02

Tot Ion: 43 Resp: 512755

Ion Ratio Lower Upper

43 100

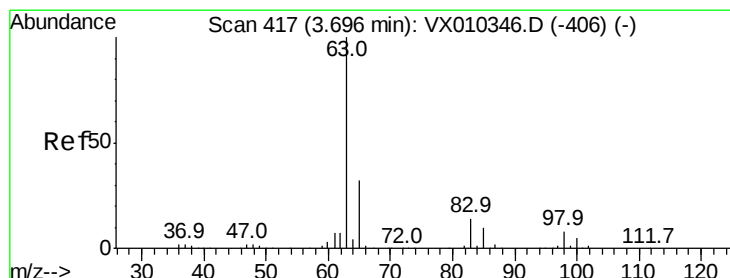
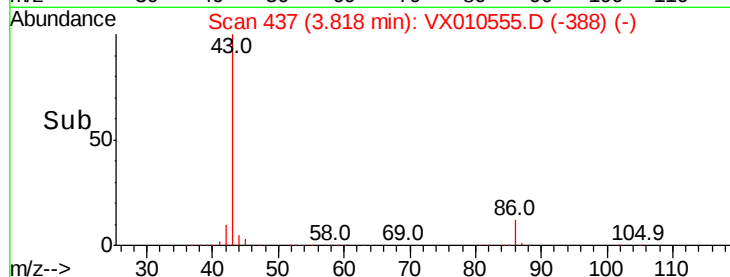
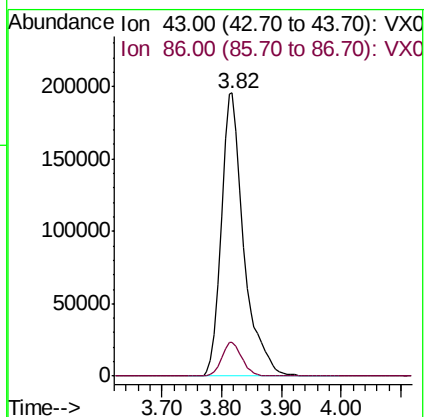
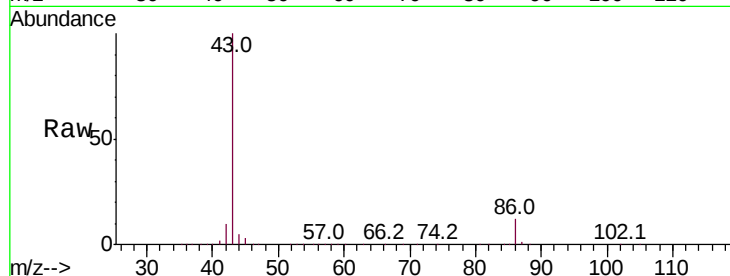
86 12.0 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.712 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

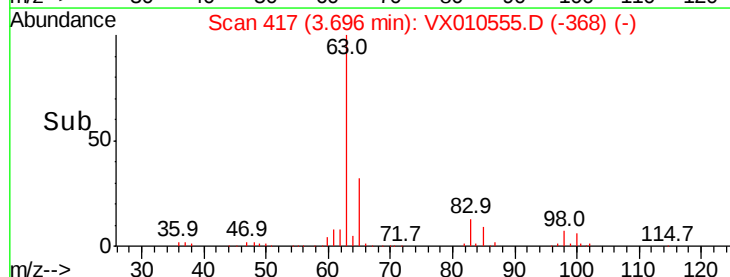
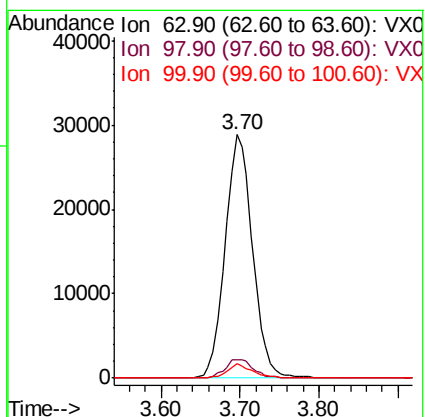
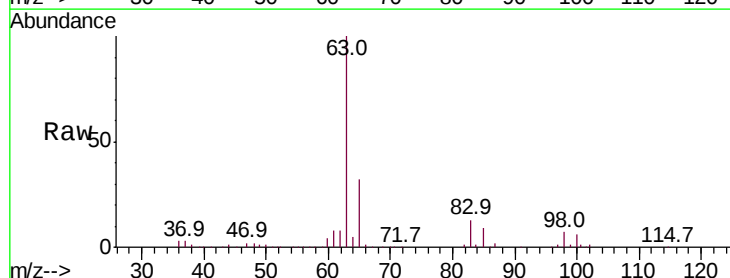
Tgt Ion: 63 Resp: 69545

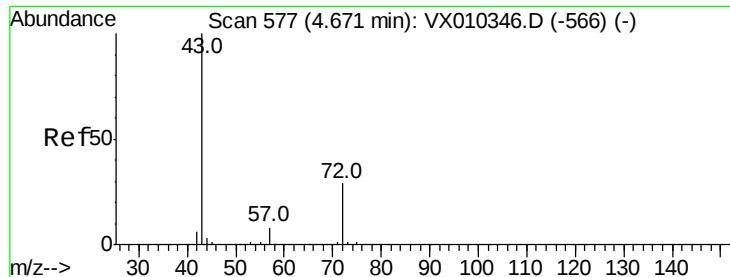
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 6.0 2.4 7.1





#25

2-Butanone

Concen: 101.785 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion: 43 Resp: 158399

Ion Ratio Lower Upper

43 100

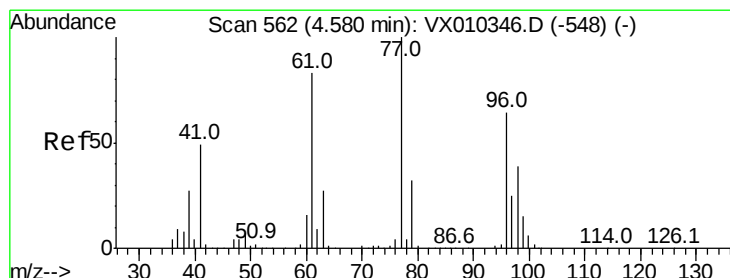
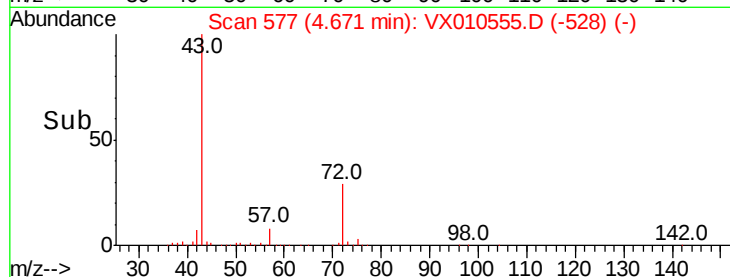
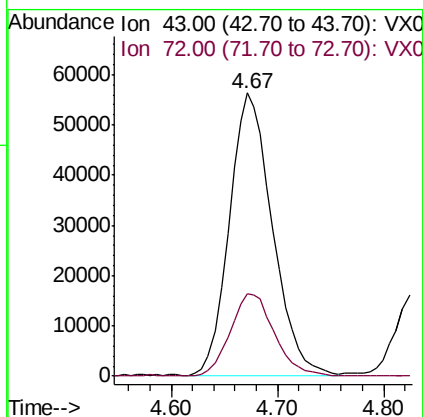
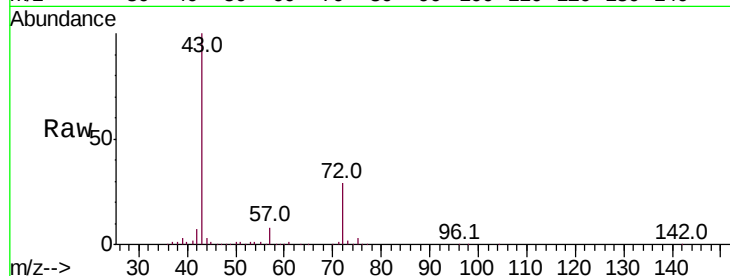
72 28.9 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 14.589 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010555.D

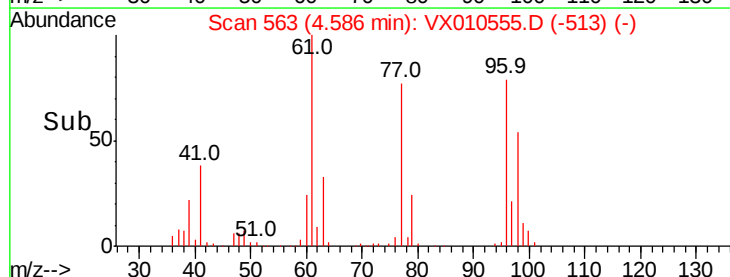
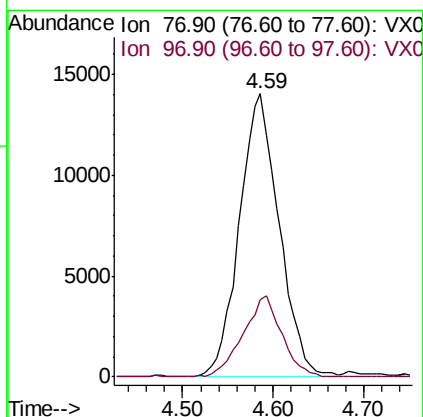
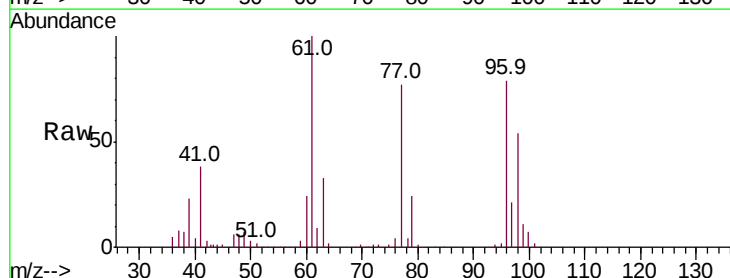
Acq: 28 Jun 2019 23:57

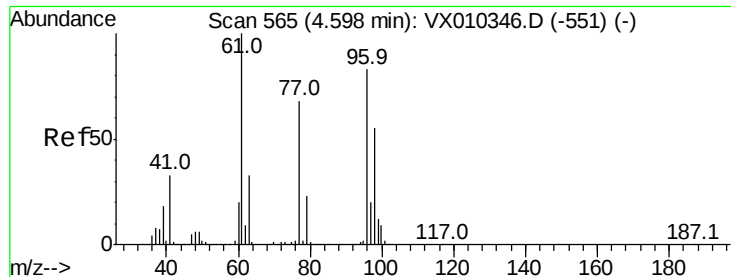
Tgt Ion: 77 Resp: 42554

Ion Ratio Lower Upper

77 100

97 27.9 13.1 39.3





#27

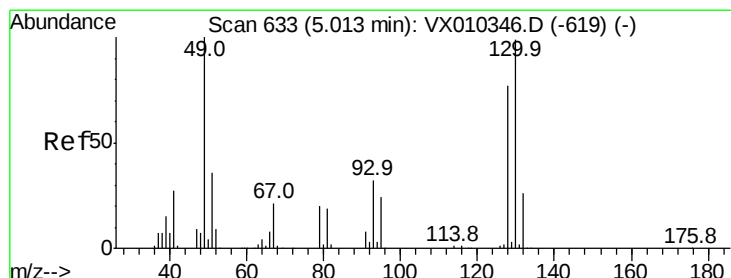
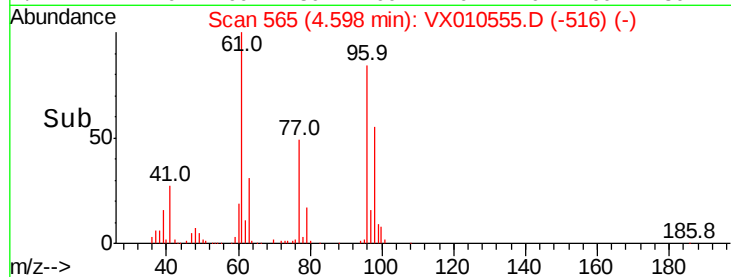
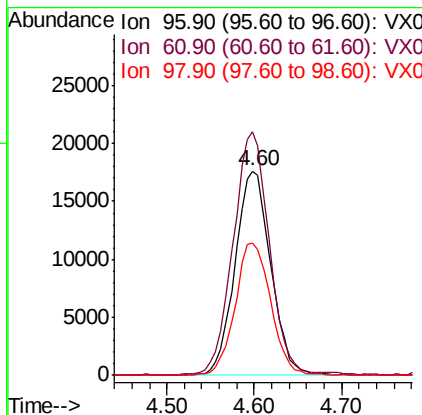
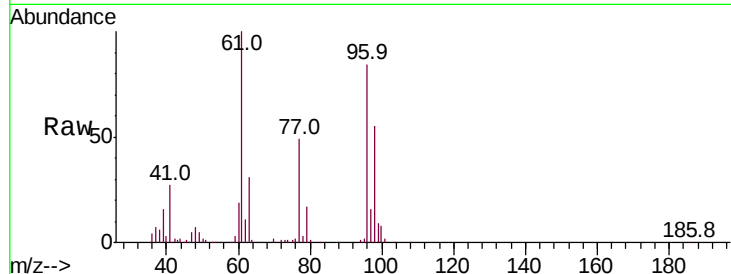
cis-1,2-Dichloroethene
Concen: 20.487 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	121.7	0.0	251.8
98	65.3	0.0	129.4

Manual Integrations
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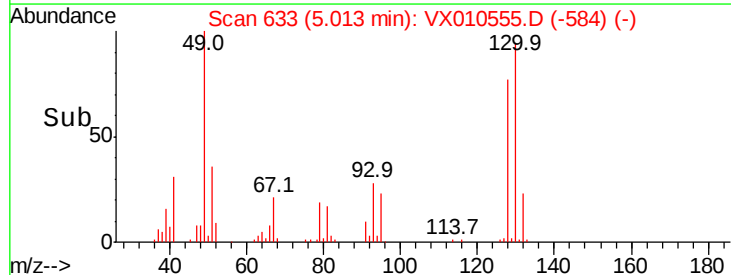
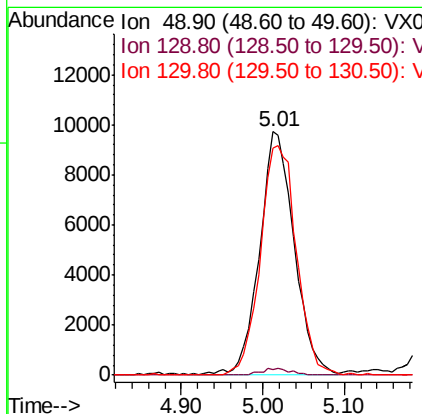
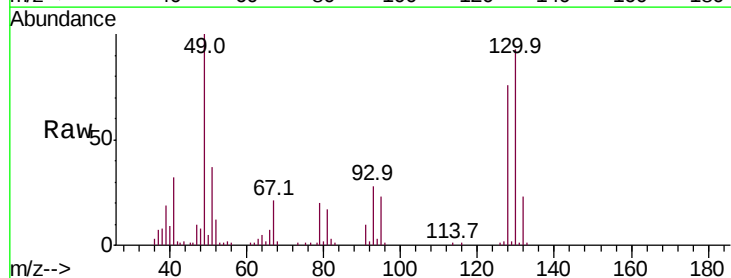
MMDadoda
7/1/2019 10:40:52 AM

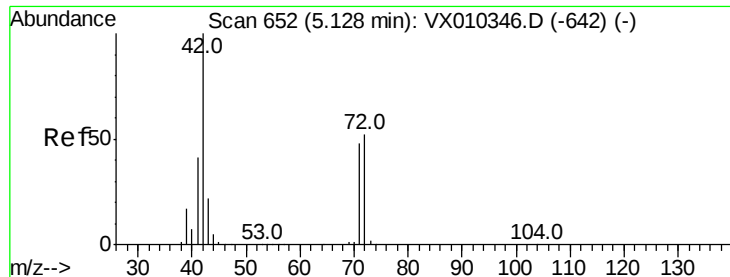


#28

Bromochloromethane
Concen: 17.943 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.6
130	97.6	81.4	122.0





#29

Tetrahydrofuran

Concen: 105.790 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion: 42 Resp: 101974

Ion Ratio Lower Upper

42 100

72 50.8 40.6 60.8

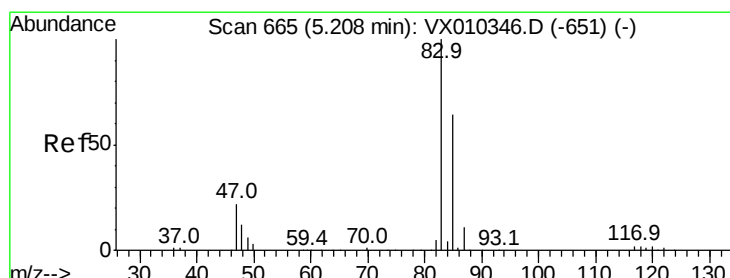
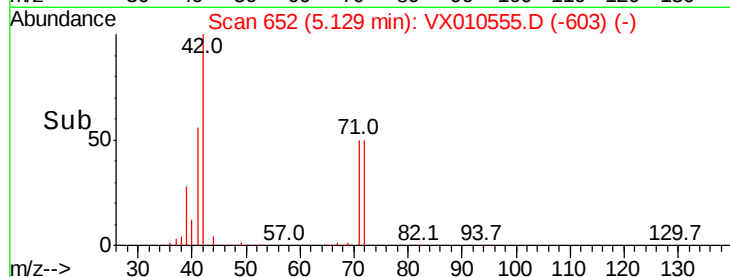
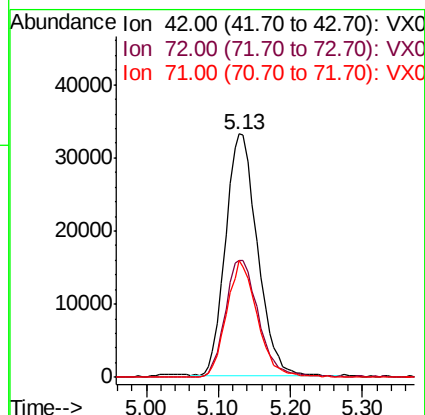
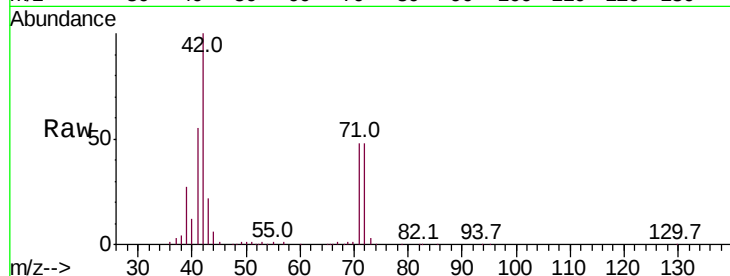
71 46.4 37.8 56.8

Manual Integrations

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MMDadoda

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#30

Chloroform

Concen: 20.561 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010555.D

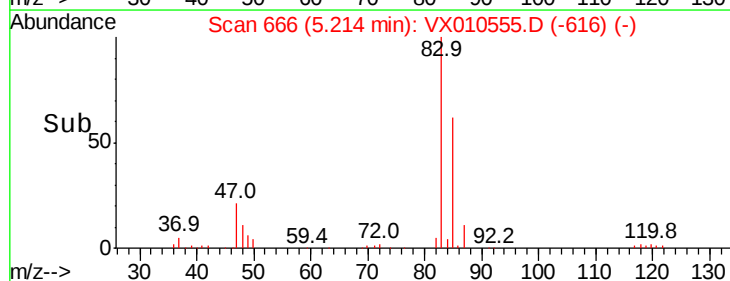
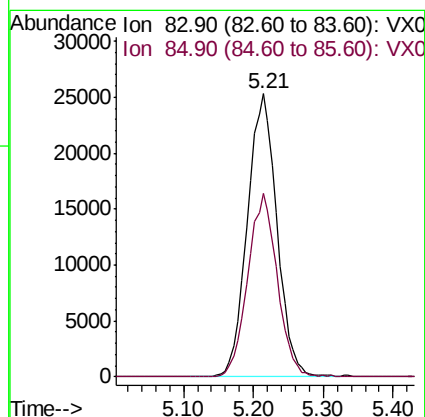
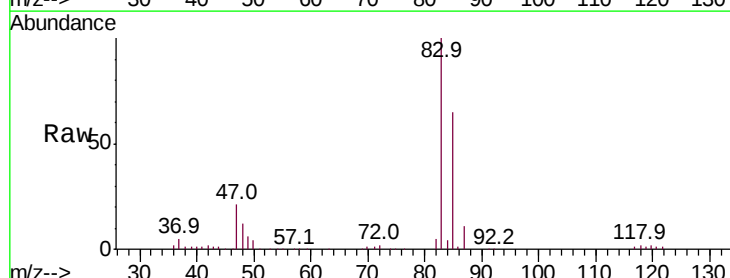
Acq: 28 Jun 2019 23:57

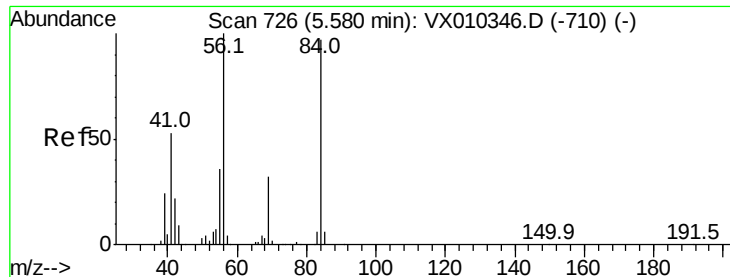
Tgt Ion: 83 Resp: 74282

Ion Ratio Lower Upper

83 100

85 64.9 50.9 76.3





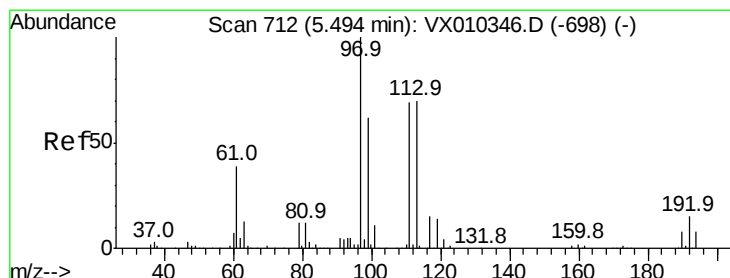
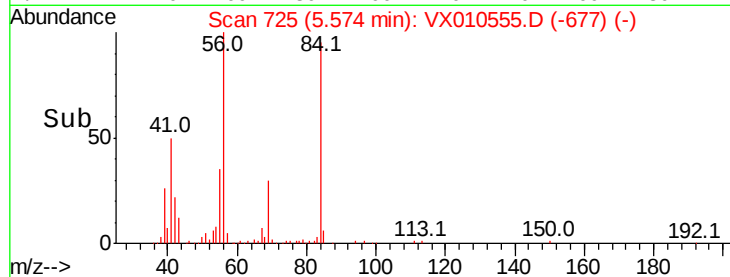
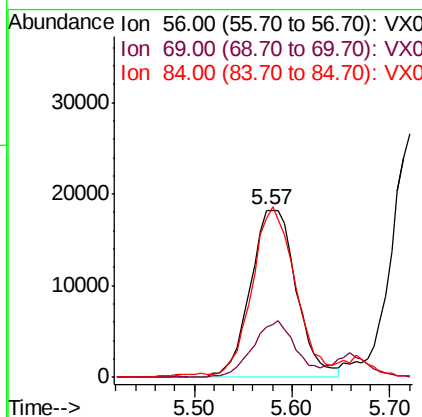
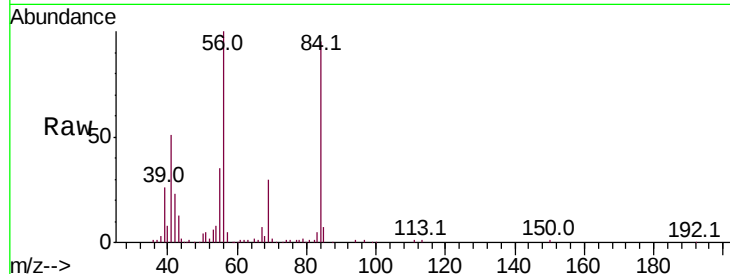
#31
Cvclohexane
Concen: 19.468 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	25.9	38.9
84	93.4	78.0	117.0

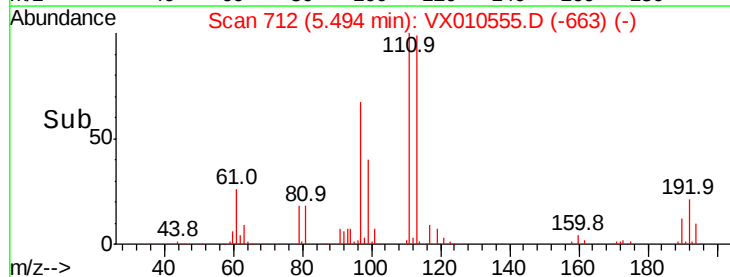
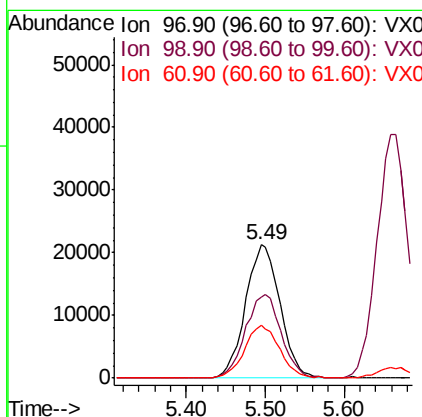
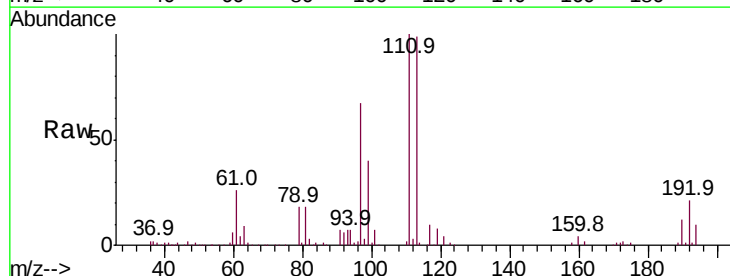
Manual Integrations
APPROVED

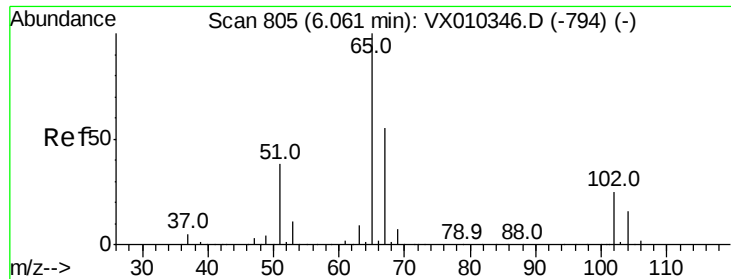
MMDadoda
7/1/2019 10:40:52 AM



#32
1,1,1-Trichloroethane
Concen: 20.296 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	40.5	32.1	48.1





#33

1,2-Dichloroethane-d4

Concen: 45.318 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Tot Ion: 65 Resp: 95931

Ion Ratio Lower Upper

65 100

67 54.0

0.0 110.2

Instrument :

MSVOA_X

ClientSampleId :

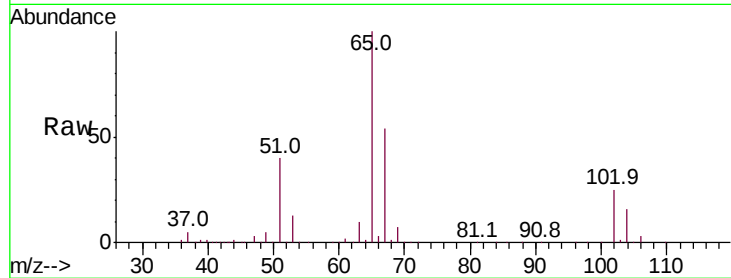
VX0628WBSD02

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

40000

30000

20000

10000

0

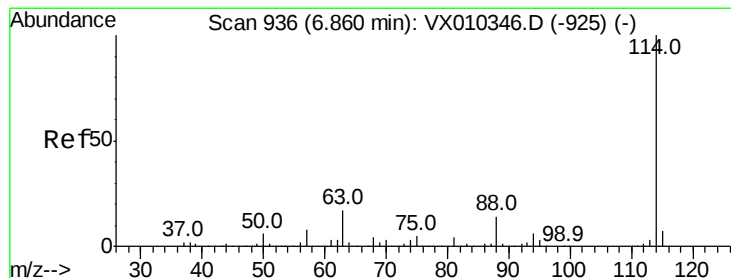
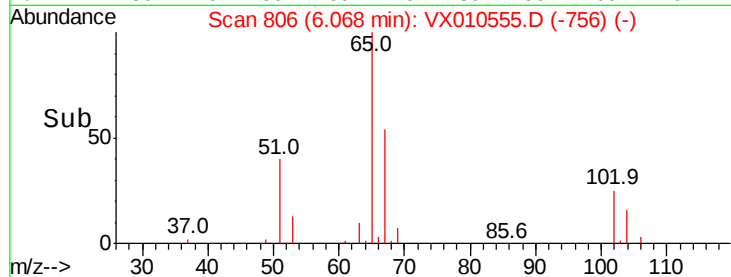
Time-->

5.90

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Tgt Ion:114 Resp: 344415

Ion Ratio Lower Upper

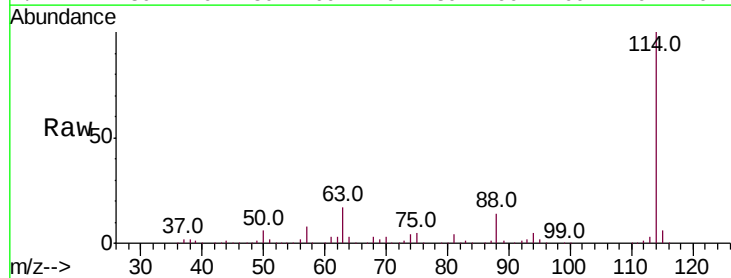
114 100

63 17.3

88 14.0

0.0 33.8

0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

200000

150000

100000

50000

0

Time-->

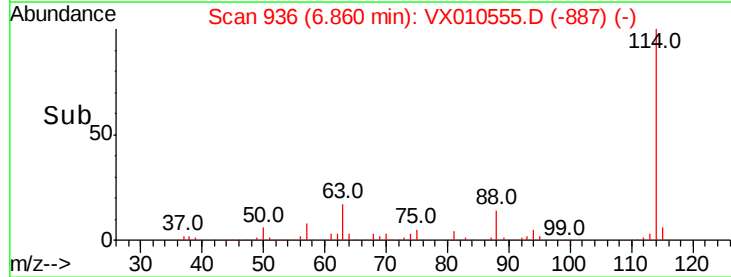
6.70

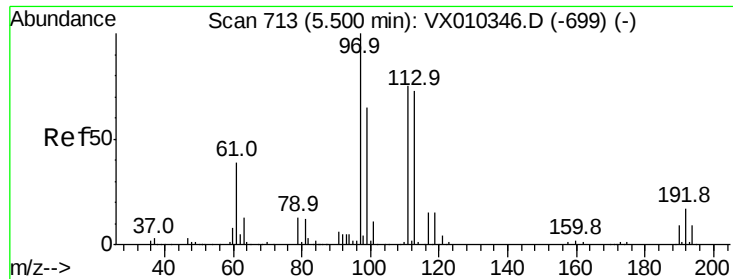
6.80

6.90

7.00

7.10





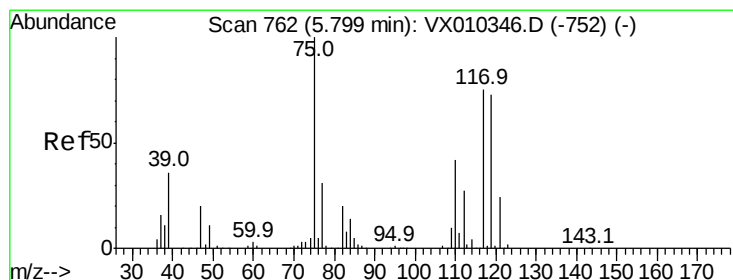
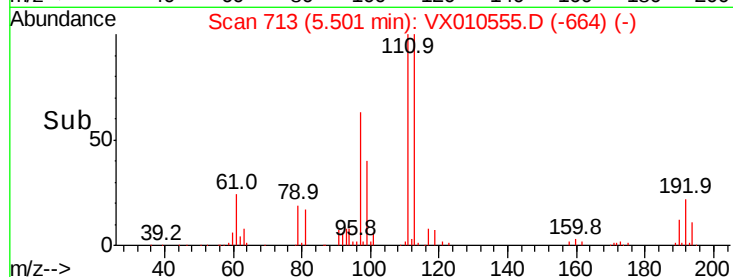
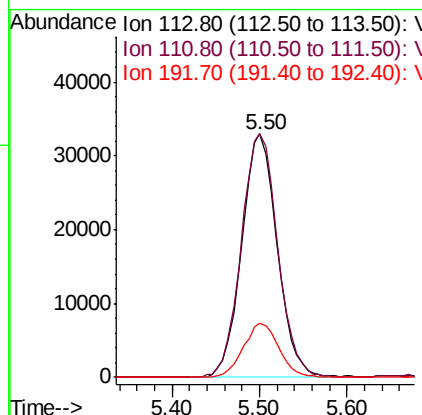
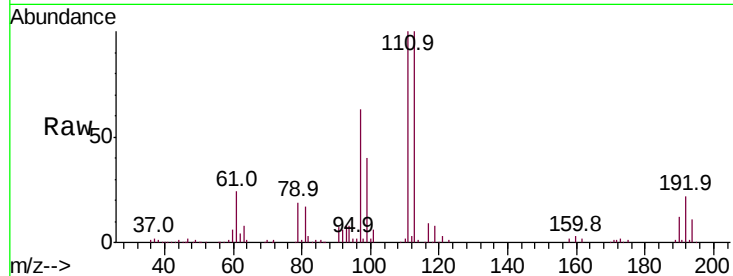
#35
 Dibromofluoromethane
 Concen: 44.034 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010555.D
 Acq: 28 Jun 2019 23:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.2	121.8
192	22.4	18.6	27.8

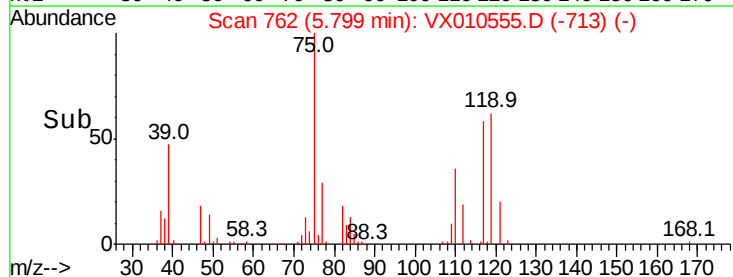
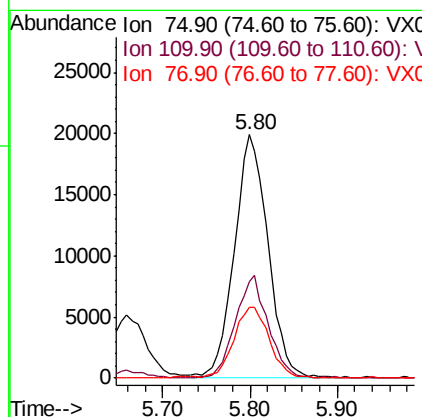
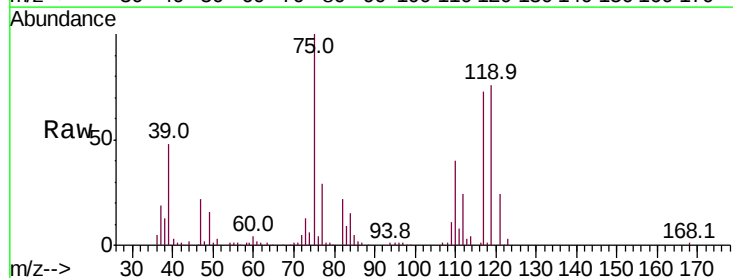
Manual Integrations
 APPROVED

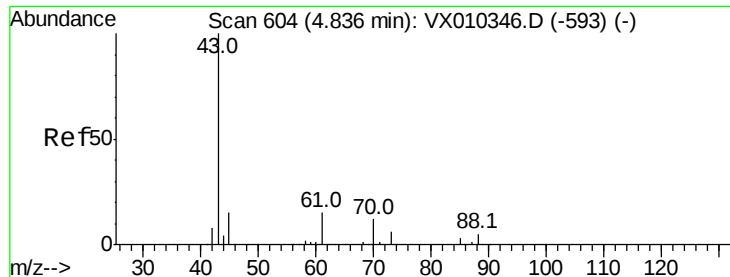
MMDadoda
 7/1/2019 10:40:52 AM



#36
 1,1-Dichloropropene
 Concen: 19.173 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010555.D
 Acq: 28 Jun 2019 23:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.7	20.8	62.2
77	31.2	25.4	38.0





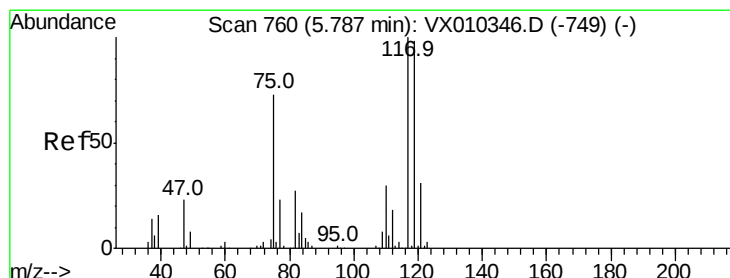
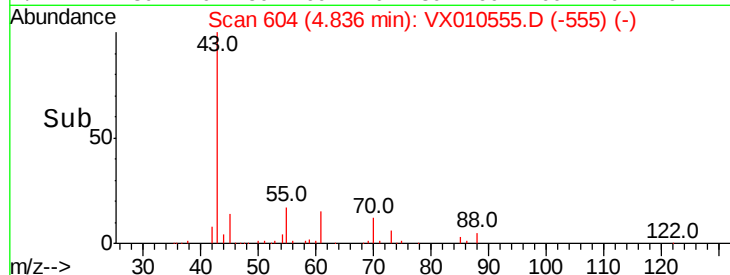
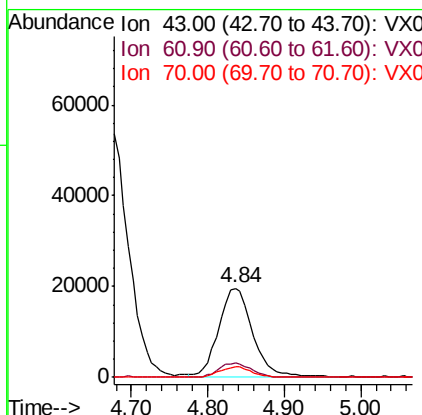
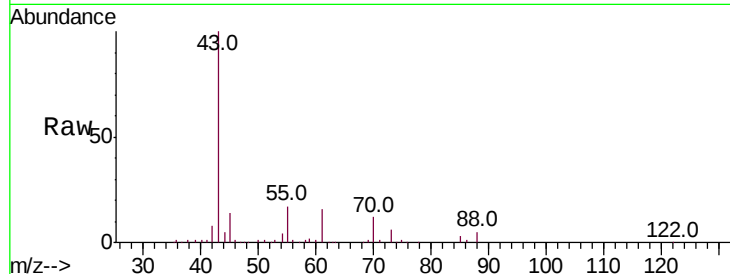
#37
Ethyl Acetate
Concen: 21.001 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Instrument :
MSVOA_X
ClientSampled :
VX0628WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	12.4	18.6
70	12.3	9.8	14.8

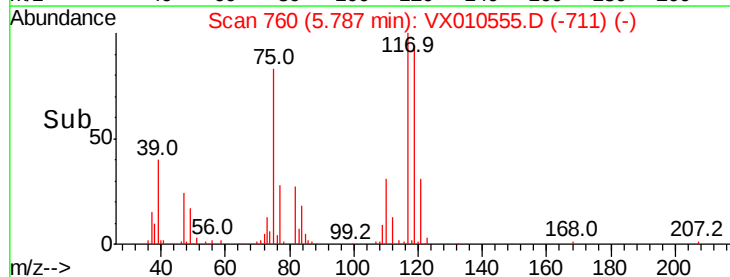
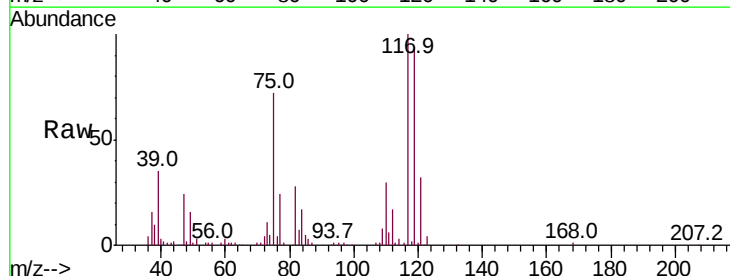
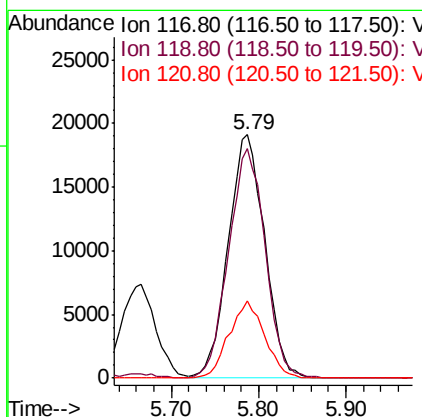
Manual Integrations
APPROVED

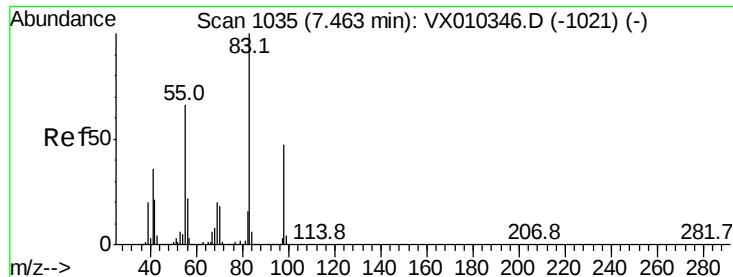
MMDadoda
7/1/2019 10:40:52 AM



#38
Carbon Tetrachloride
Concen: 18.684 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	78.2	117.4
121	31.9	24.7	37.1





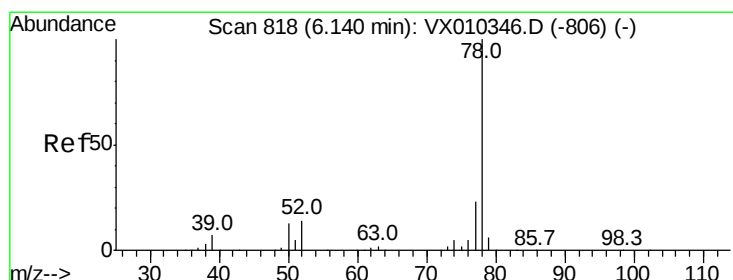
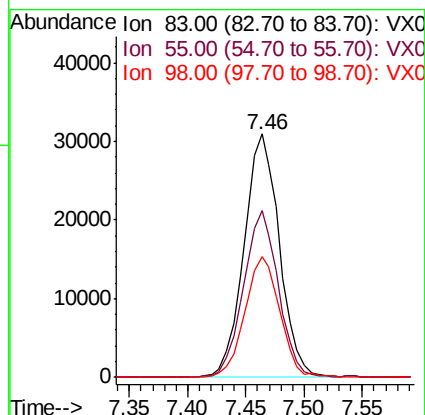
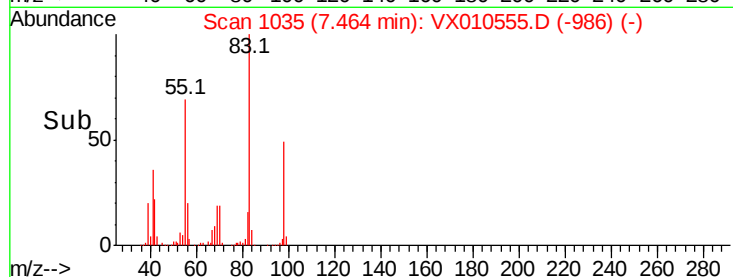
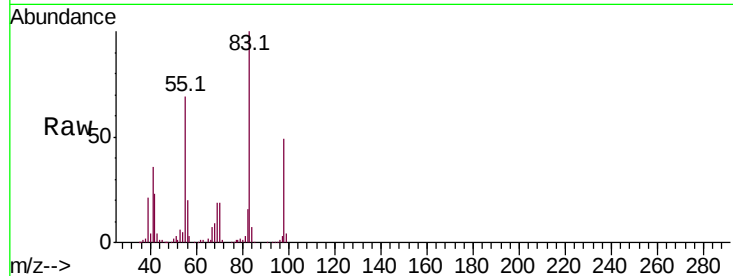
#39
Methvlcvclohexane
Concen: 18.263 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	53.0	79.6
98	49.4	37.8	56.8

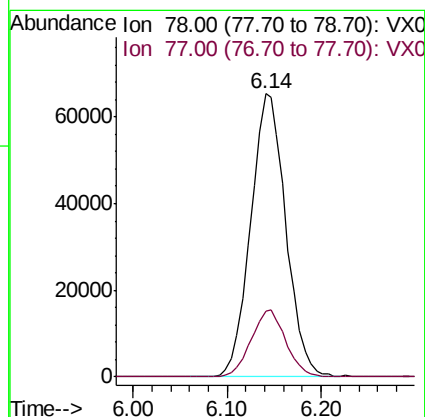
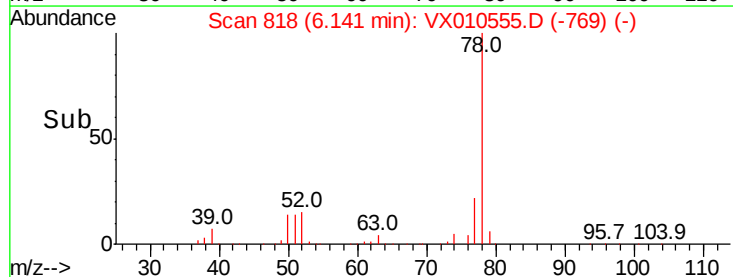
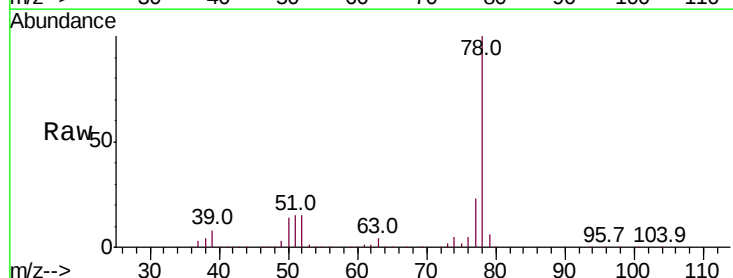
Manual Integrations
APPROVED

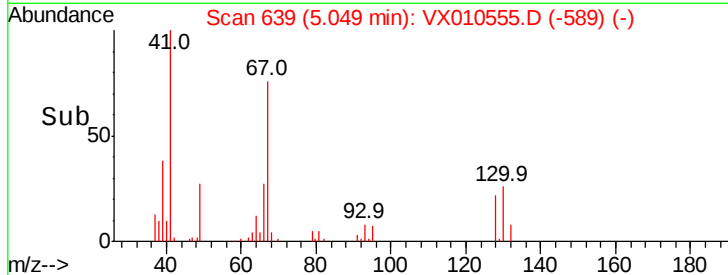
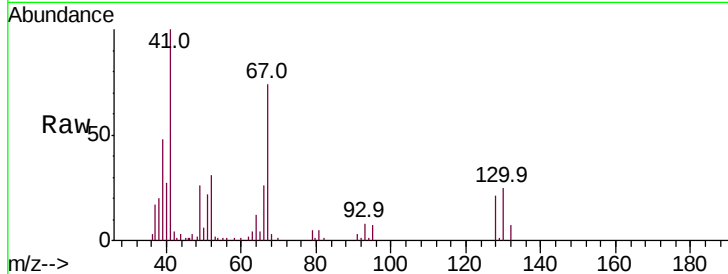
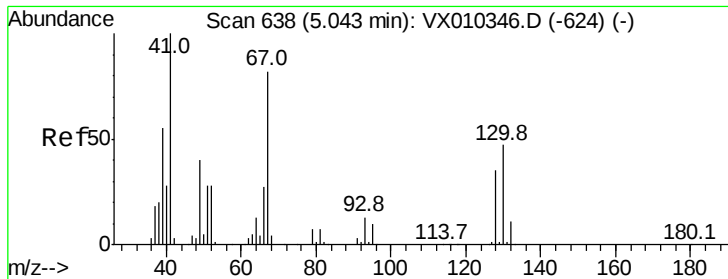
MMDadoda
7/1/2019 10:40:52 AM



#40
Benzene
Concen: 20.044 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0





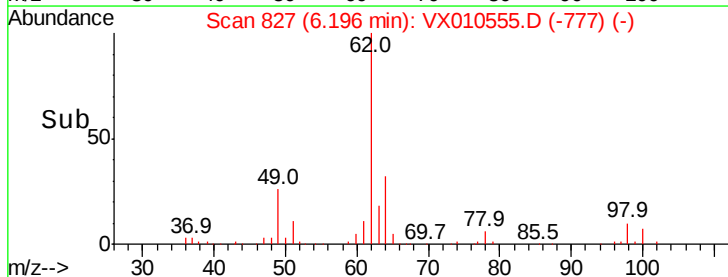
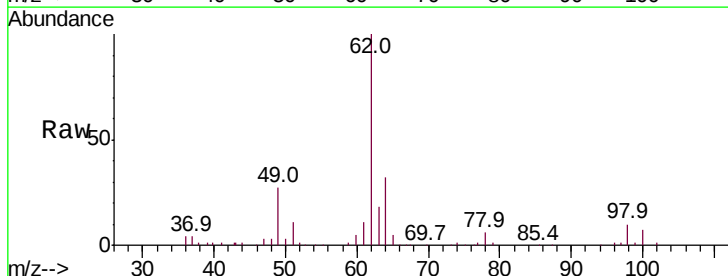
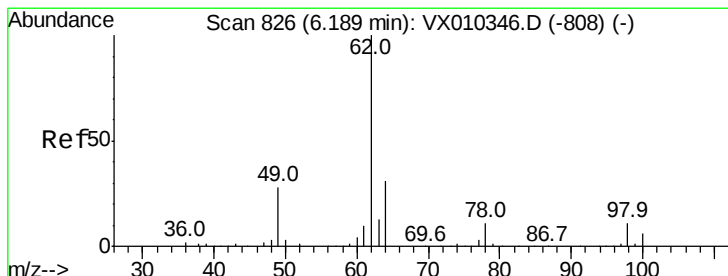
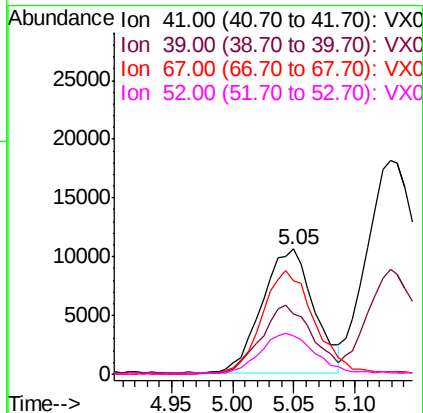
#41
Methacrylonitrile
Concen: 20.321 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		31393		
39	53.2	43.8	65.8		
67	85.6	66.6	100.0		
52	33.7	24.5	36.7		

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

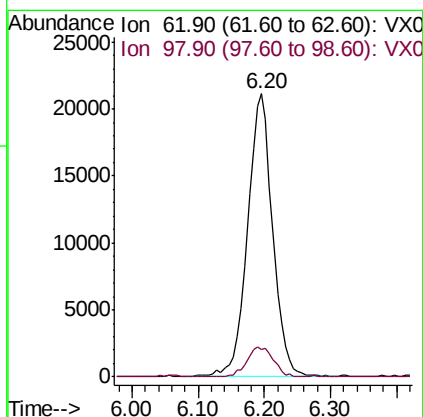
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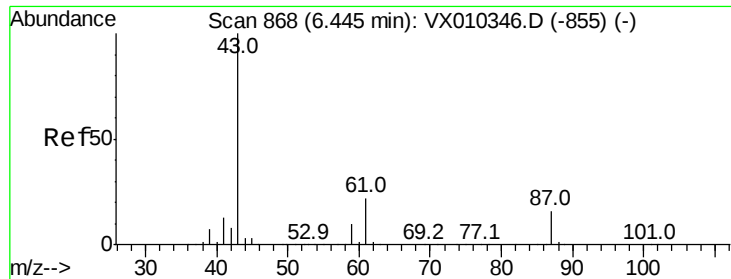
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#42
1,2-Dichloroethane
Concen: 21.602 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		56070		
98	11.2	0.0	22.2		





#43

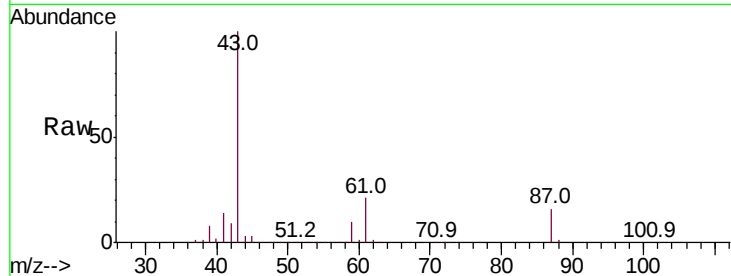
Isopropyl Acetate
 Concen: 20.160 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010555.D
 Acq: 28 Jun 2019 23:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

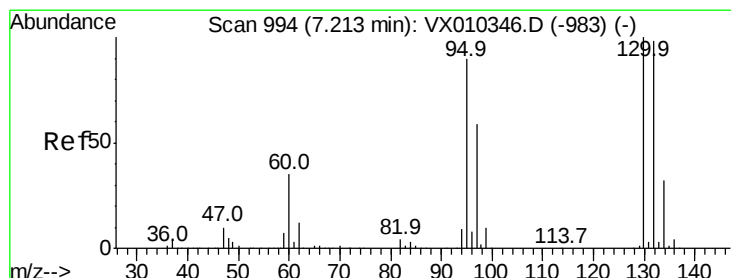
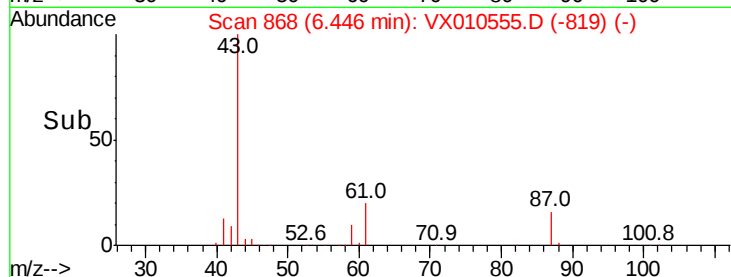
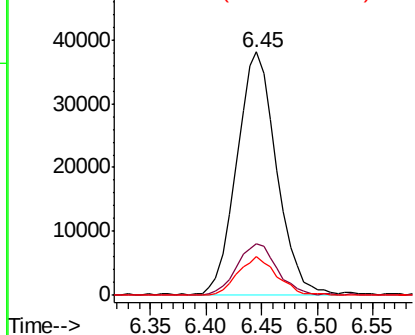
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	15.7	13.0	19.4

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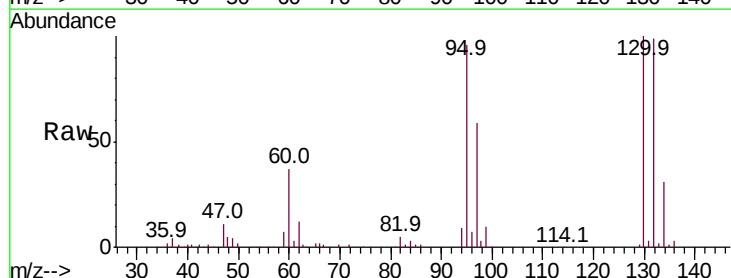
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



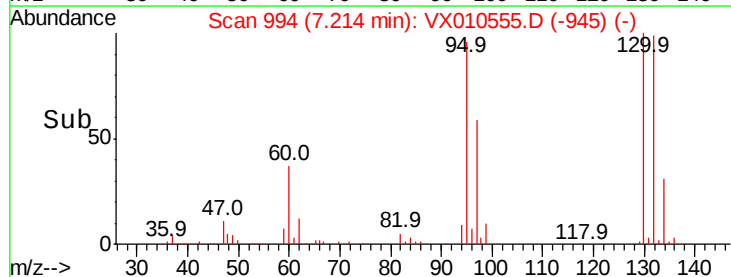
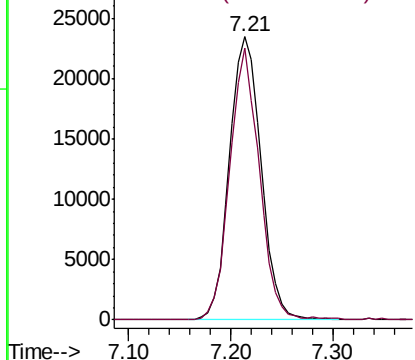
#44

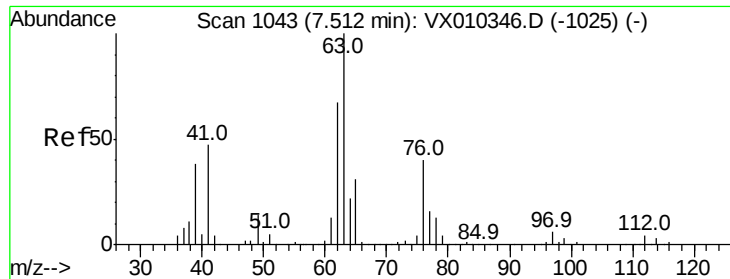
Trichloroethene
 Concen: 19.716 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010555.D
 Acq: 28 Jun 2019 23:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.441 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion: 63 Resp: 44015

Ion Ratio Lower Upper

63 100

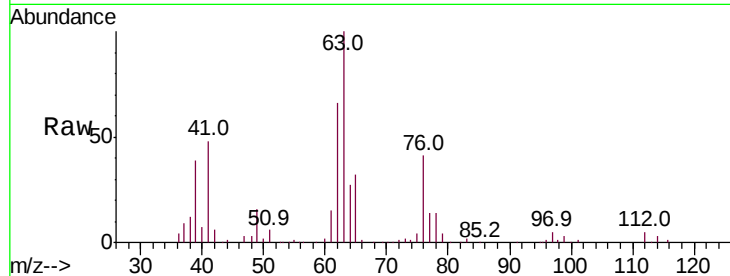
65 32.2 24.8 37.2

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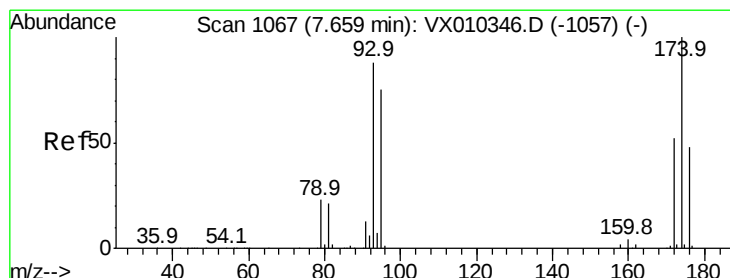
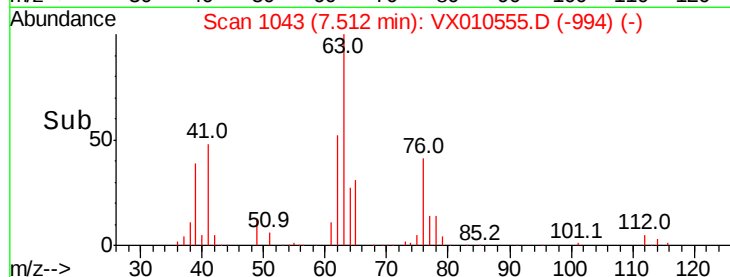
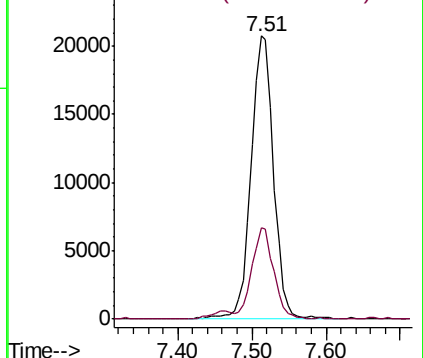
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.775 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

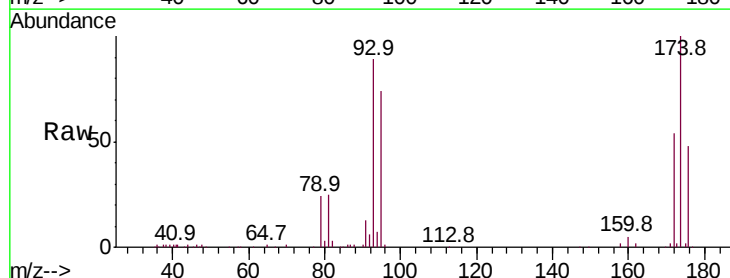
Tgt Ion: 93 Resp: 30551

Ion Ratio Lower Upper

93 100

95 84.8 67.5 101.3

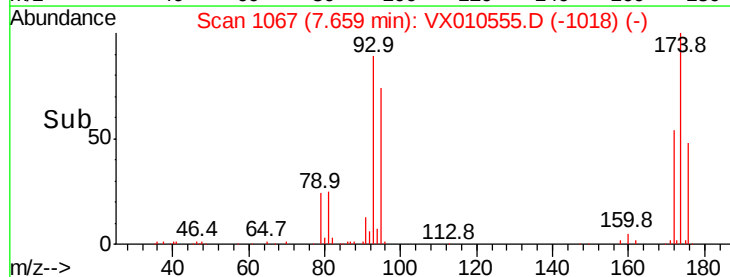
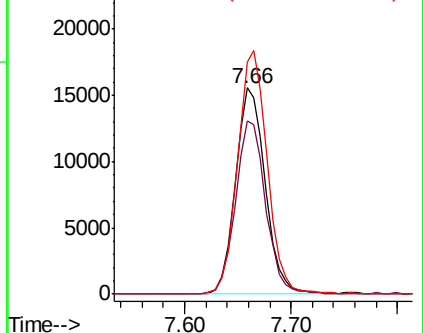
174 118.0 95.8 143.6

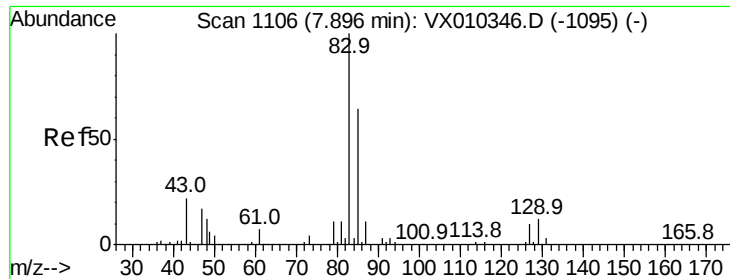


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.168 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

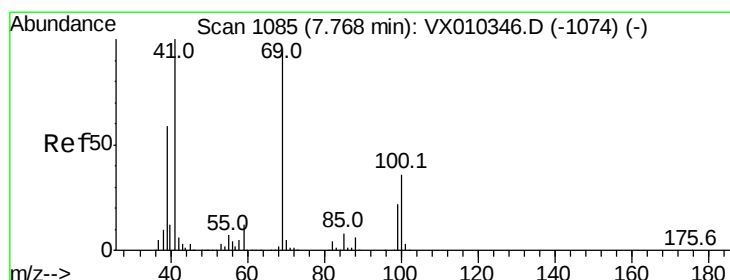
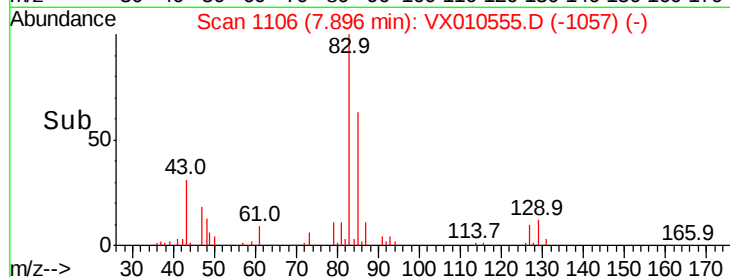
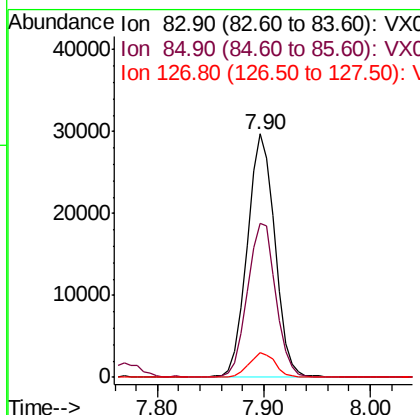
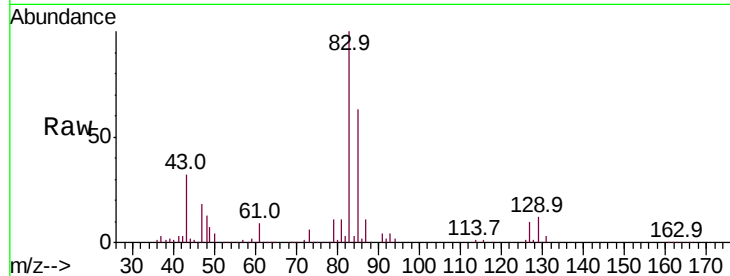
ClientSampleId :

VX0628WBSD02

Tot Ion:	83	Resp:	54269
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.5	77.3
127	10.4	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.969 ug/l

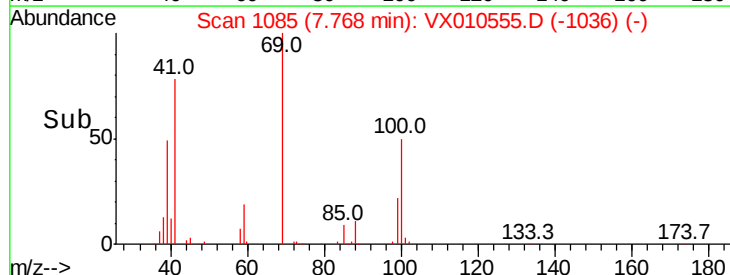
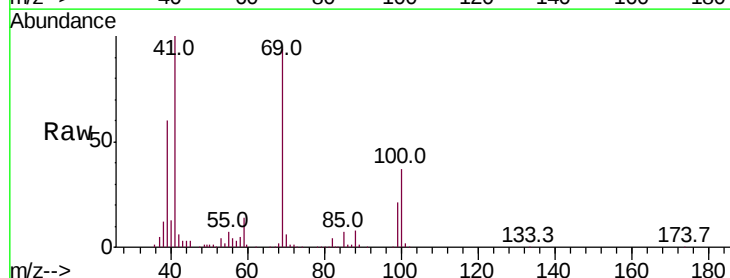
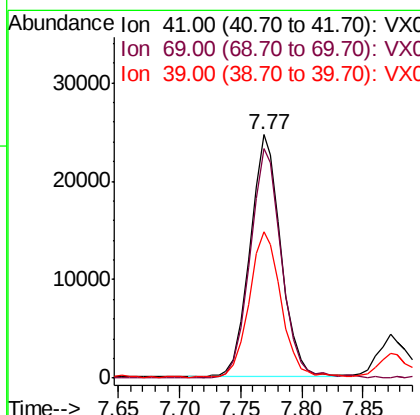
RT: 7.77 min Scan# 1085

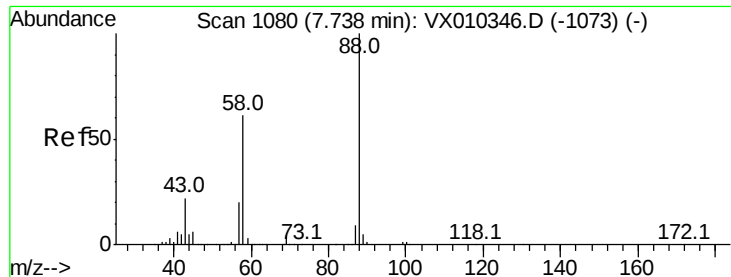
Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Tgt Ion:	41	Resp:	43238
Ion	Ratio	Lower	Upper
41	100		
69	96.0	76.1	114.1
39	62.0	47.6	71.4





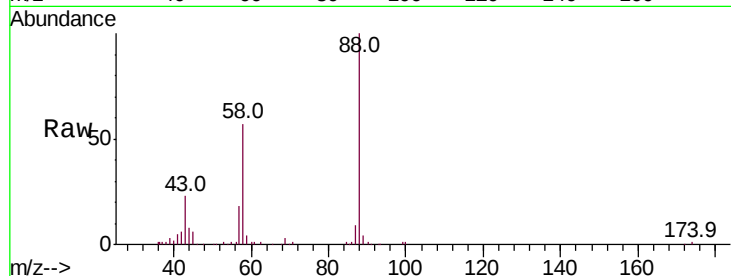
#49
 1,4-Dioxane
 Concen: 428.816 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010555.D
 Acq: 28 Jun 2019 23:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

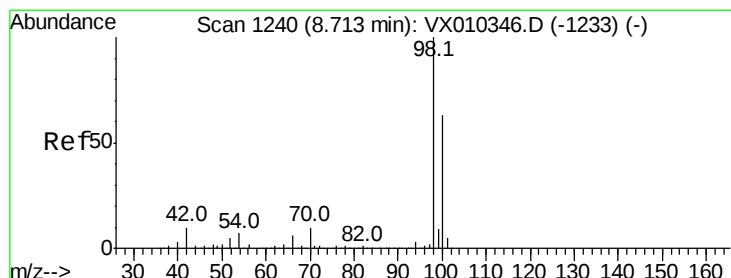
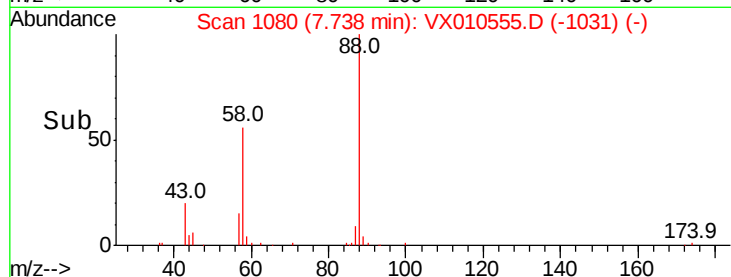
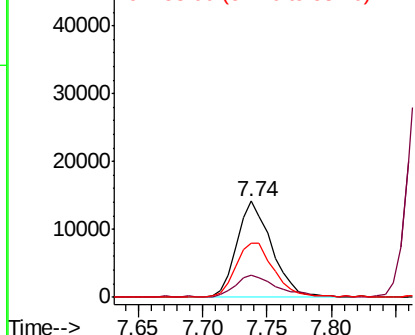
Tot Ion	Ratio	Lower	Upper
88	100		
43	26.7	20.2	30.2
58	62.4	49.5	74.3

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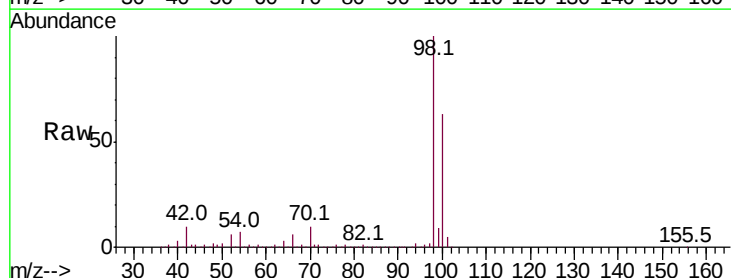


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

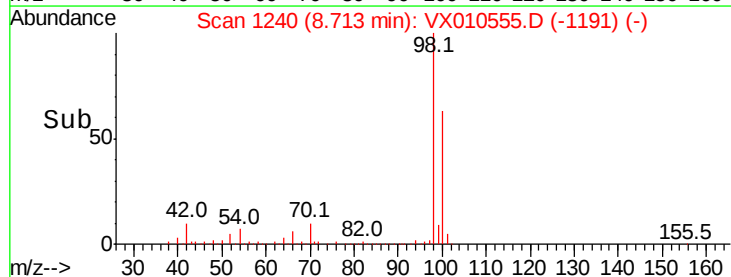
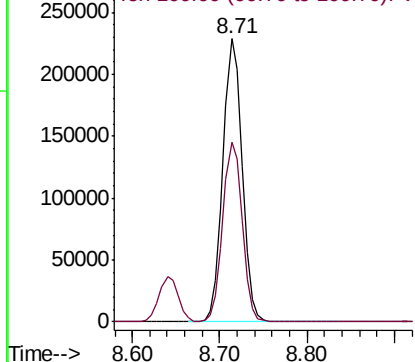


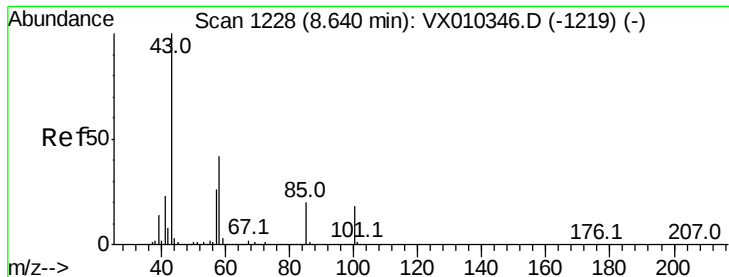
#50
 Toluene-d8
 Concen: 43.193 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010555.D
 Acq: 28 Jun 2019 23:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 106.194 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion: 43 Resp: 316387

Ion Ratio Lower Upper

43 100

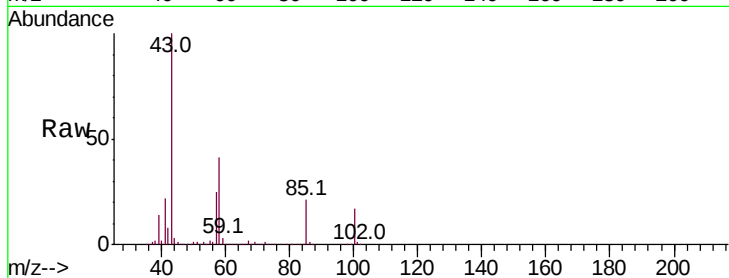
58 41.2 33.5 50.3

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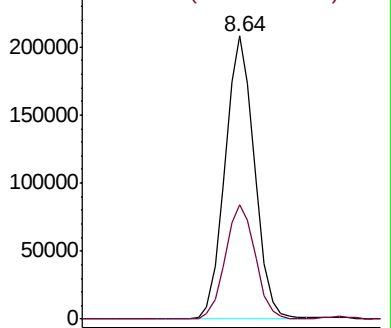
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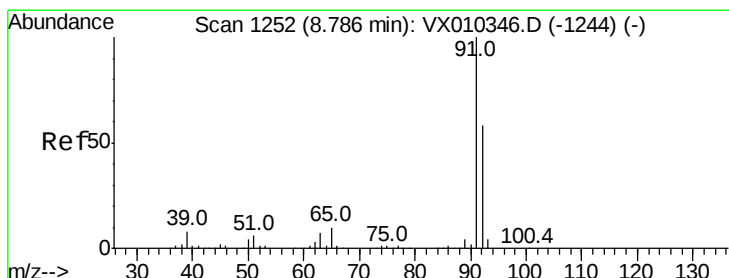
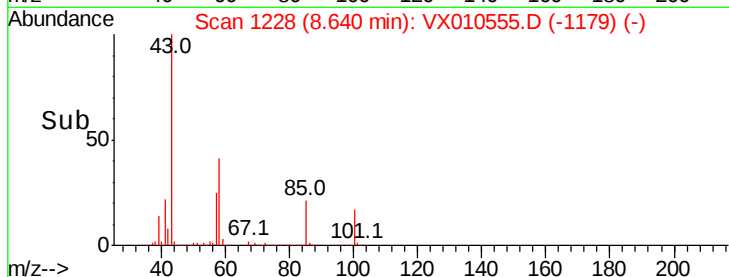


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 19.804 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010555.D

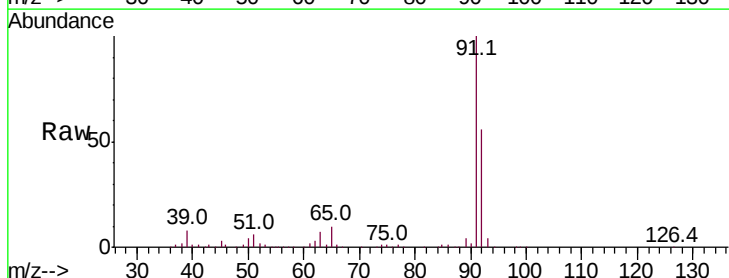
Acq: 28 Jun 2019 23:57

Tgt Ion: 92 Resp: 111203

Ion Ratio Lower Upper

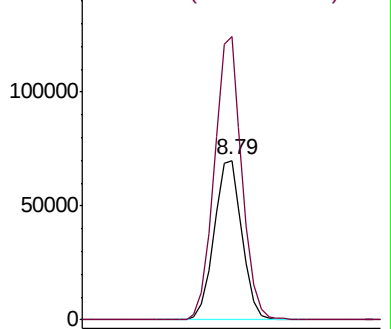
92 100

91 173.5 139.8 209.6

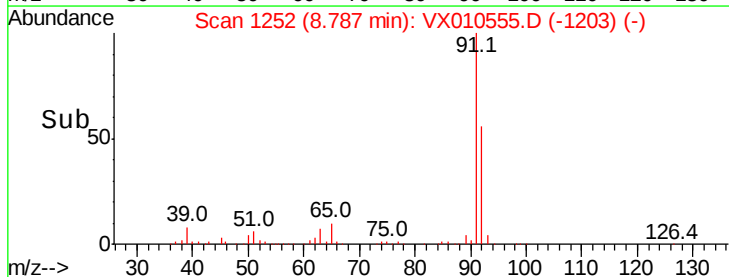


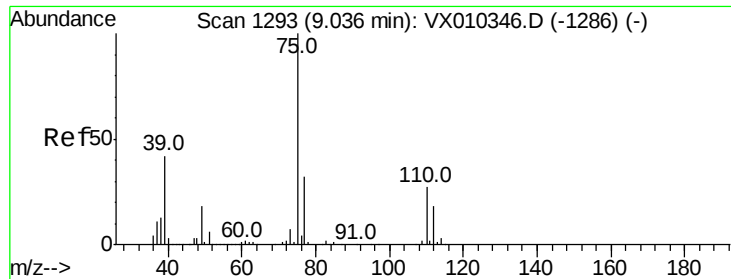
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 17.377 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion: 75 Resp: 55159

Ion Ratio Lower Upper

75 100

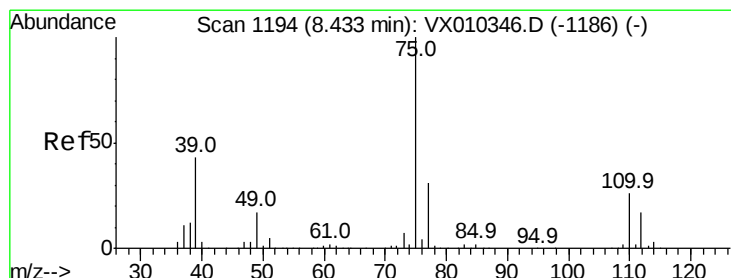
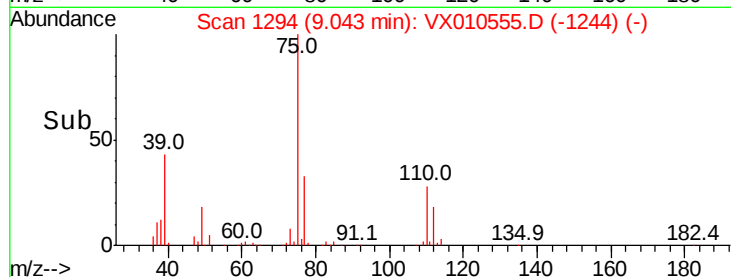
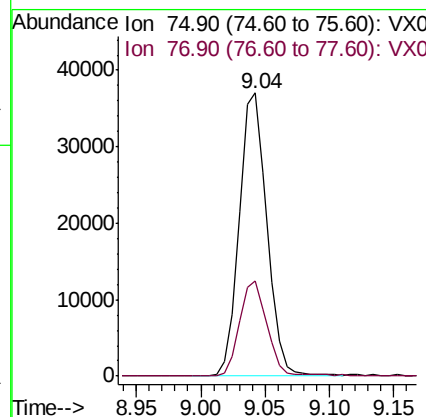
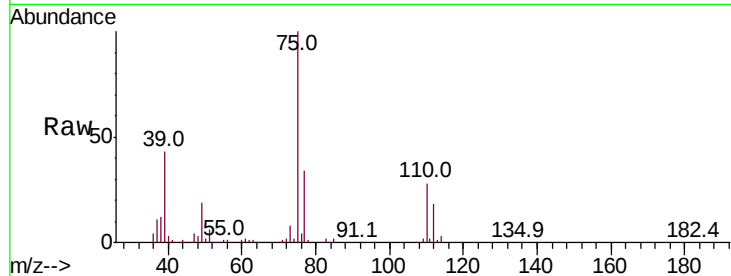
77 33.7 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 18.431 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

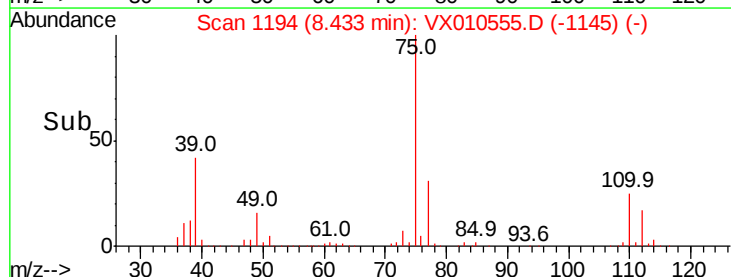
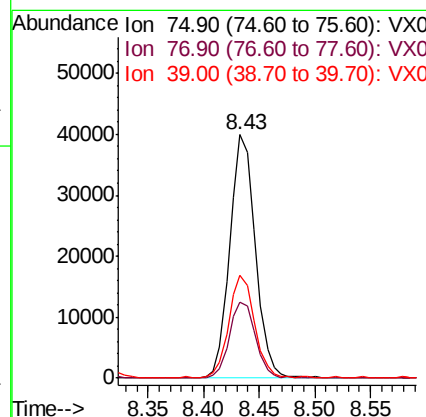
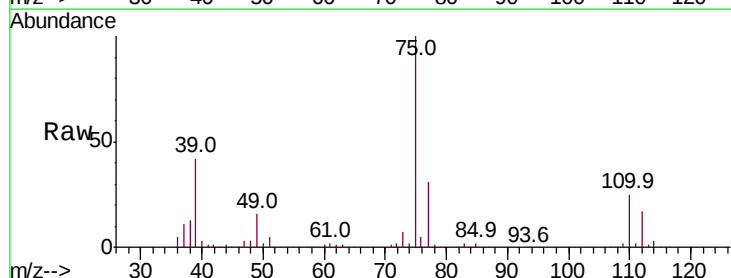
Tgt Ion: 75 Resp: 63578

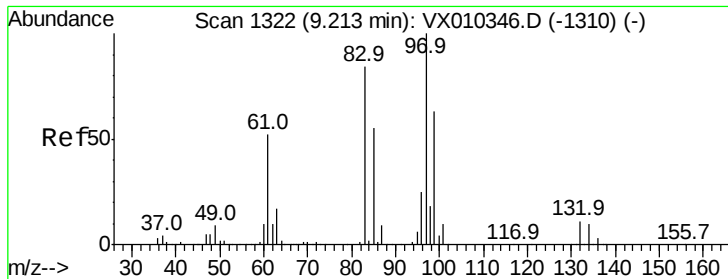
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 41.7 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 21.098 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion: 97 Resp: 48860

Ion Ratio Lower Upper

97 100

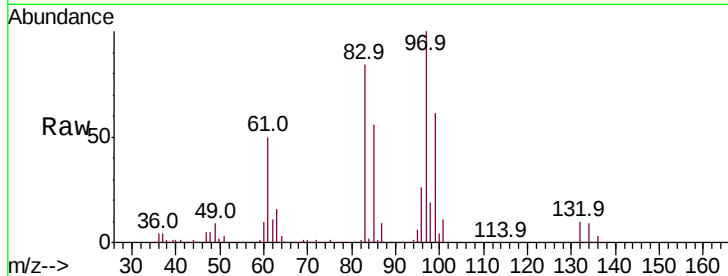
83 83.6 67.4 101.0

85 55.6 43.8 65.8

99 61.3 50.3 75.5

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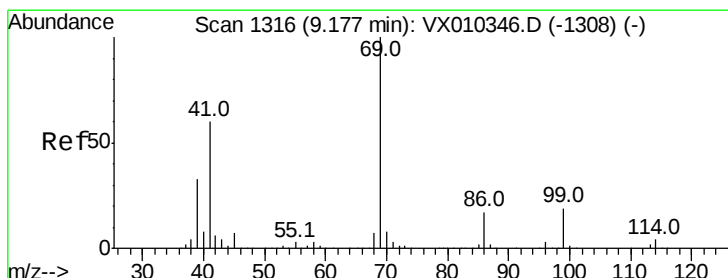
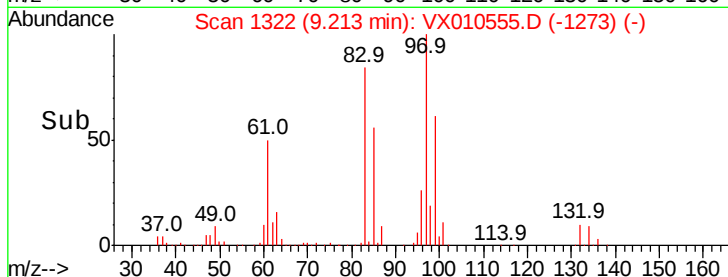
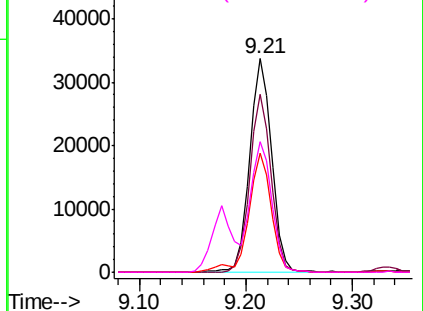
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.780 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

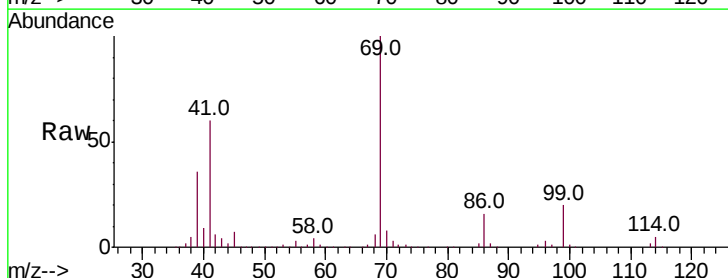
Tgt Ion: 69 Resp: 69392

Ion Ratio Lower Upper

69 100

41 60.1 47.1 70.7

39 36.6 26.6 40.0

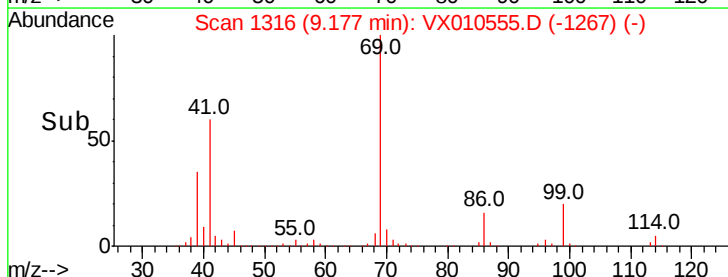
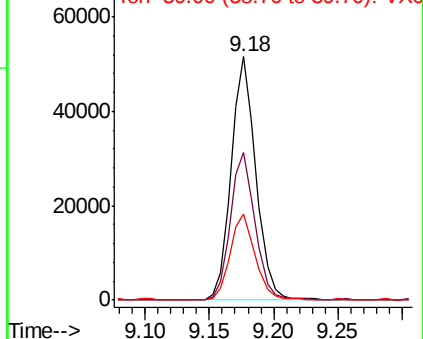


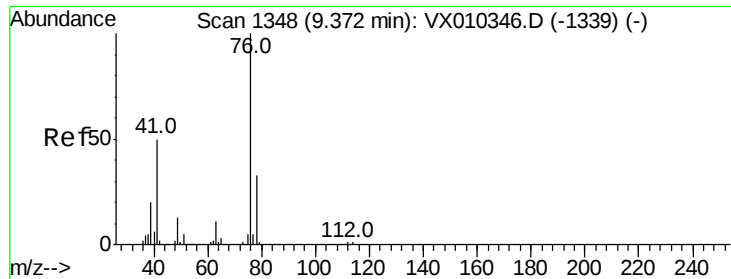
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.642 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion: 76 Resp: 74204

Ion Ratio Lower Upper

76 100

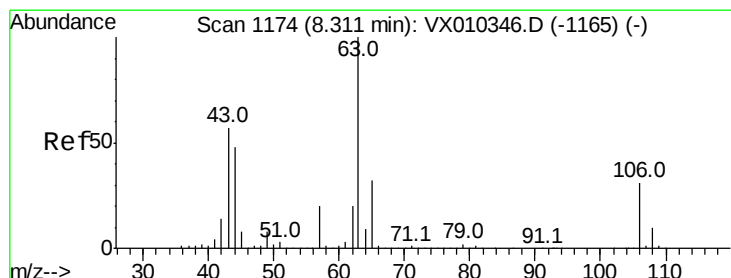
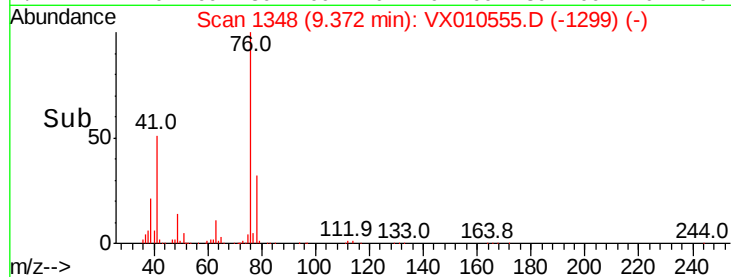
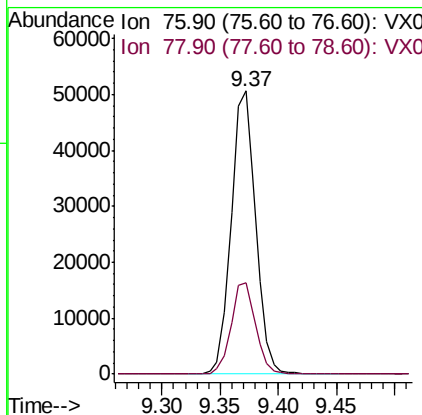
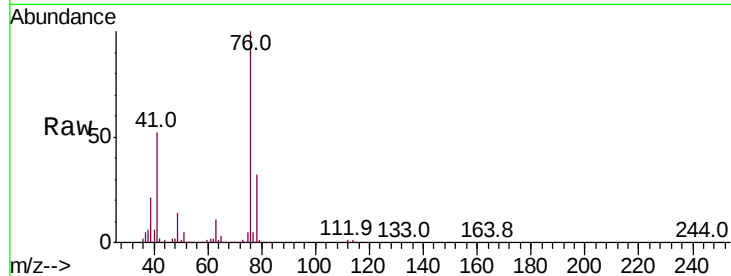
78 32.3 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 95.529 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010555.D

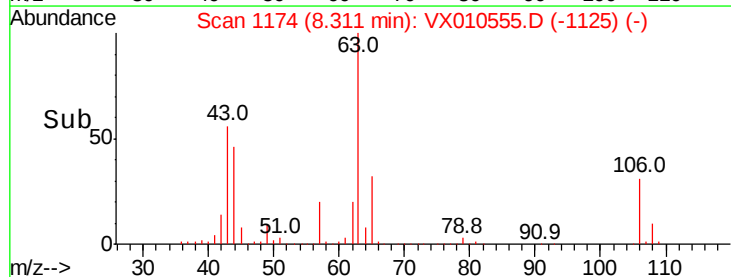
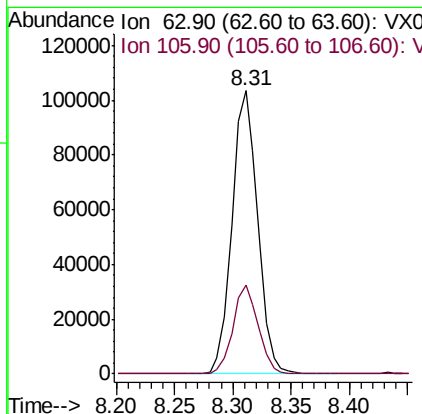
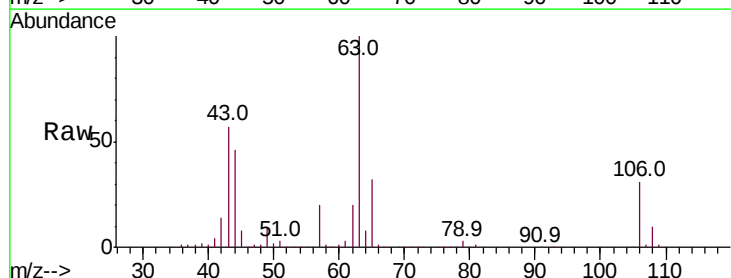
Acq: 28 Jun 2019 23:57

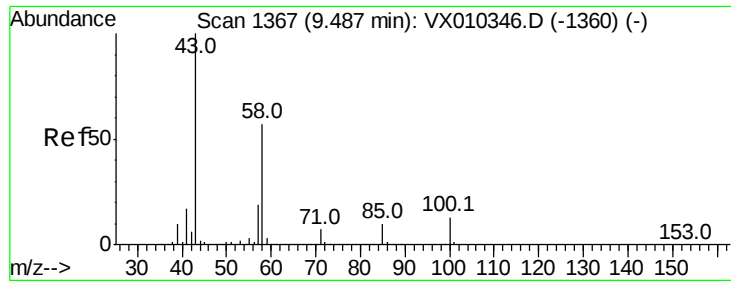
Tgt Ion: 63 Resp: 159163

Ion Ratio Lower Upper

63 100

106 30.7 24.7 37.1





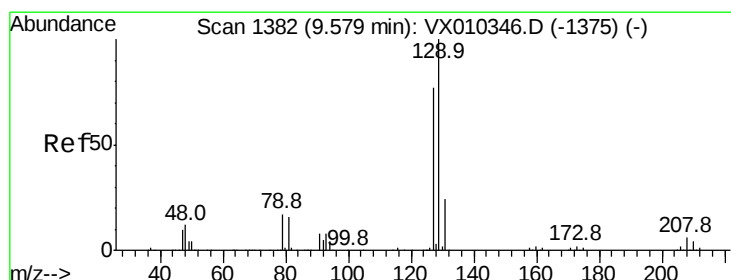
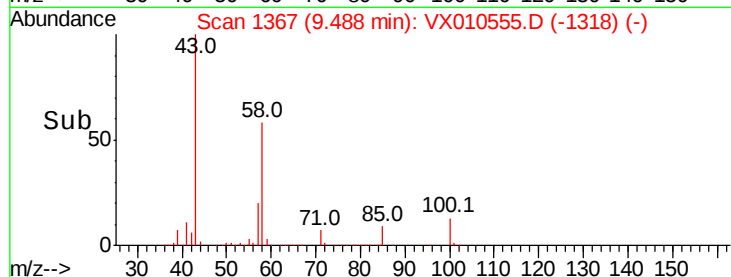
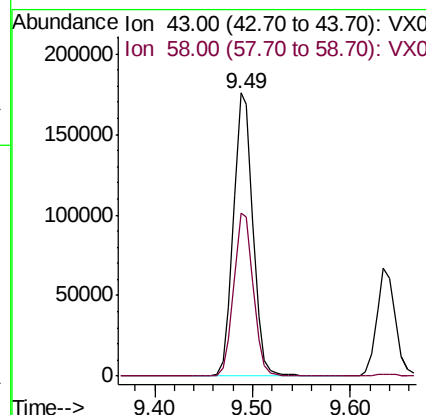
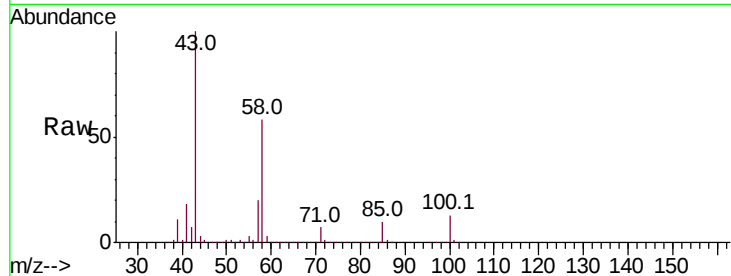
#59
2-Hexanone
Concen: 103.366 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

Tot Ion: 43 Resp: 242376
Ion Ratio Lower Upper
43 100
58 58.2 29.0 87.1

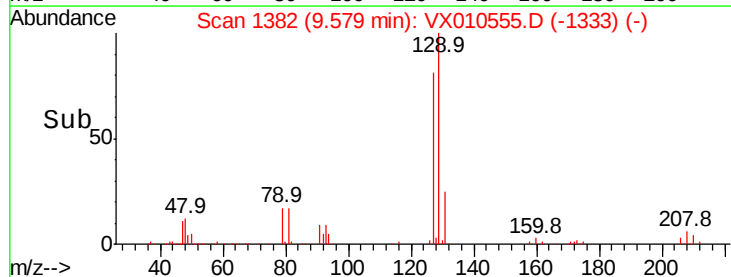
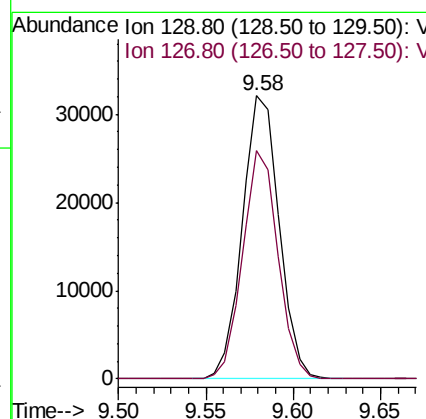
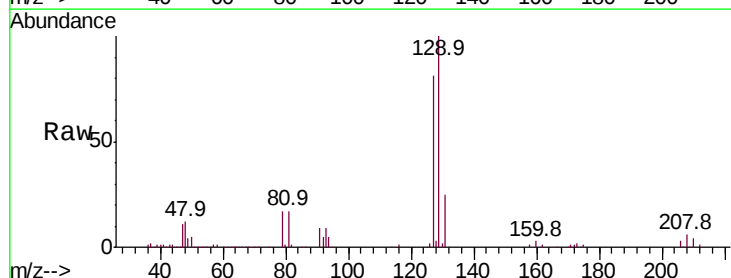
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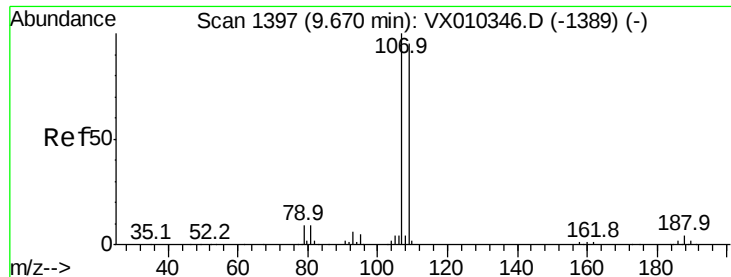
MMDadoda
7/1/2019 10:40:52 AM



#60
Dibromochloromethane
Concen: 18.123 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion: 129 Resp: 46991
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.014 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion:107 Resp: 50029

Ion Ratio Lower Upper

107 100

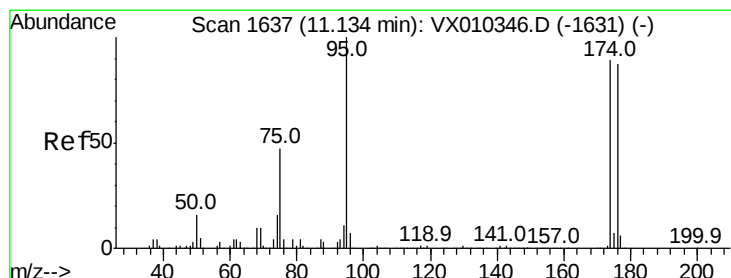
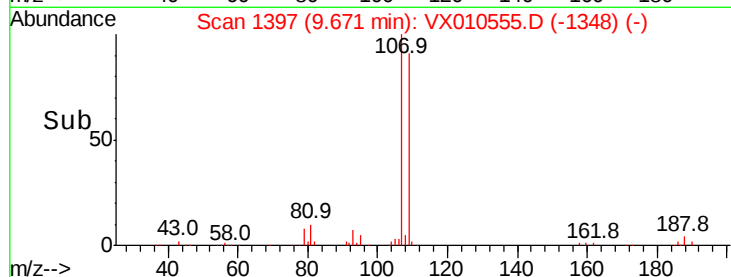
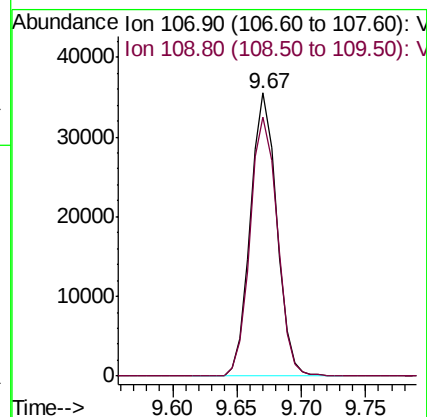
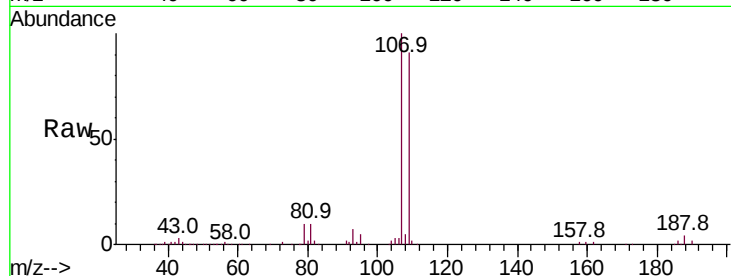
109 94.3 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 42.195 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

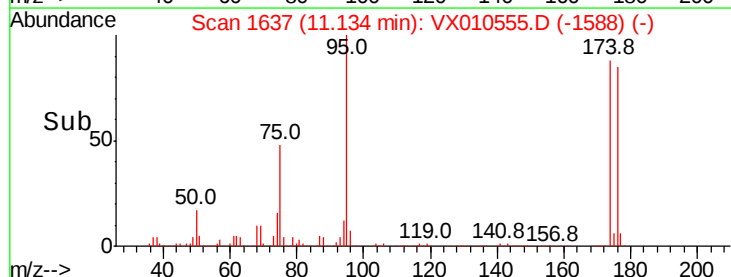
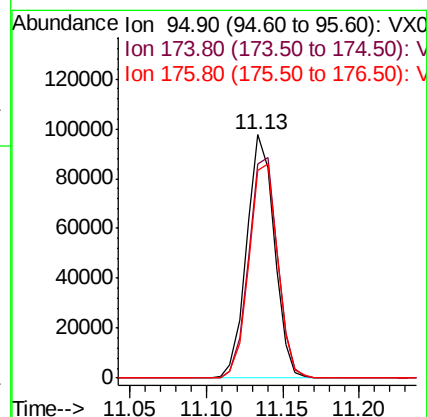
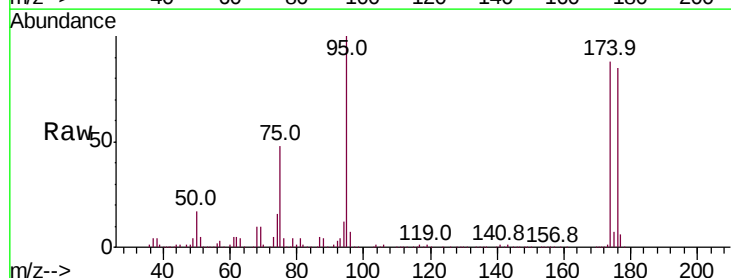
Tgt Ion: 95 Resp: 122813

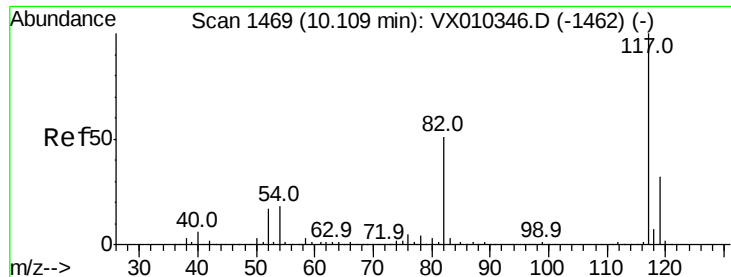
Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.6

176 91.4 0.0 184.0





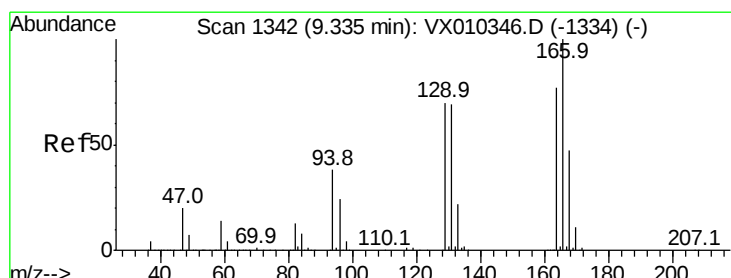
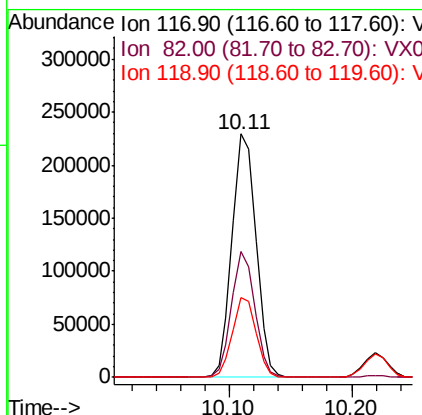
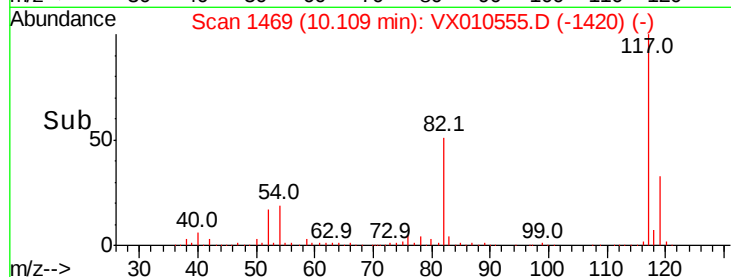
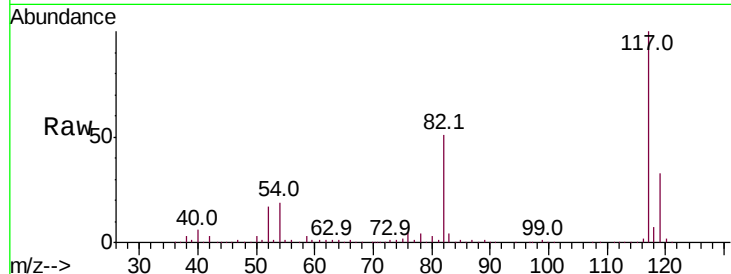
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	51.5	41.2	61.8	
119	32.8	25.5	38.3	

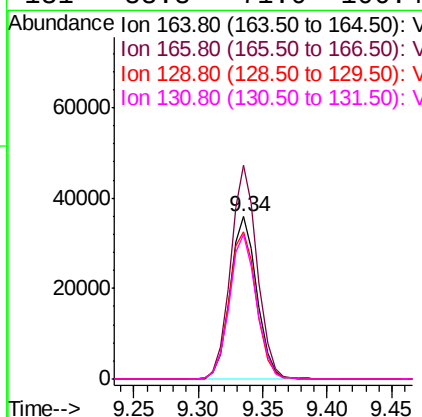
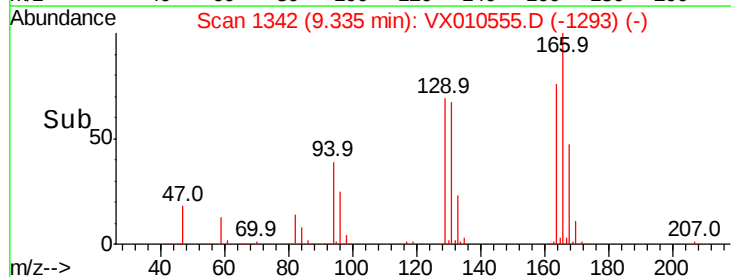
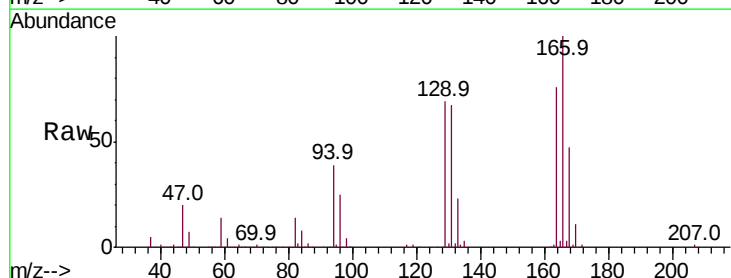
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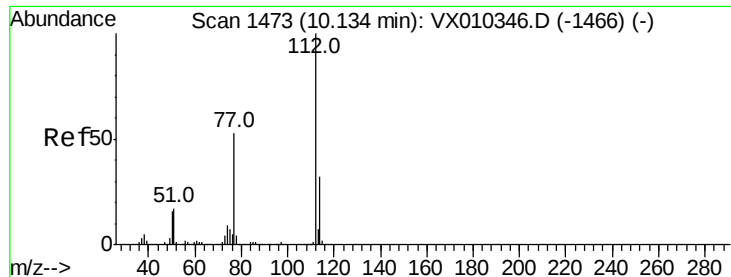
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#64
Tetrachloroethene
Concen: 20.671 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	131.6	103.6	155.4	
129	90.6	73.0	109.4	
131	88.8	71.0	106.4	





#65

Chlorobenzene

Concen: 20.109 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion:112 Resp: 127417

Ion Ratio Lower Upper

112 100

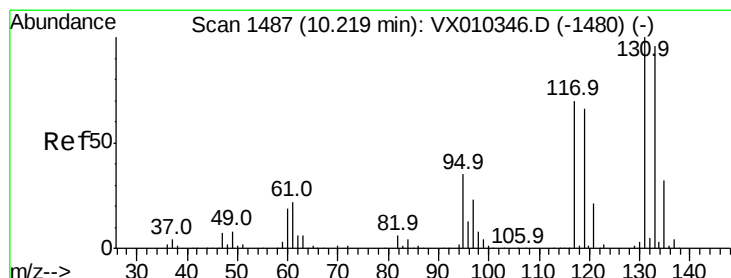
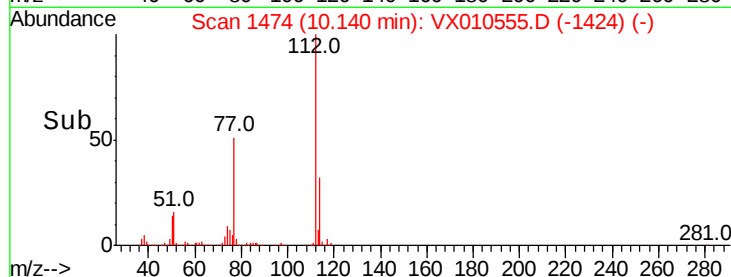
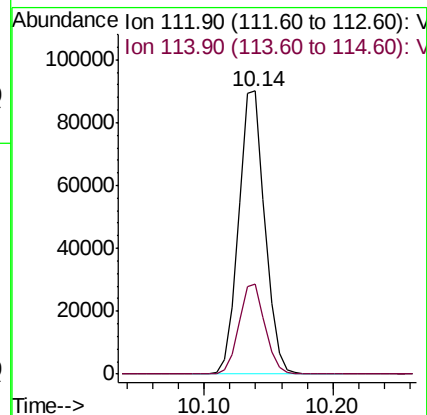
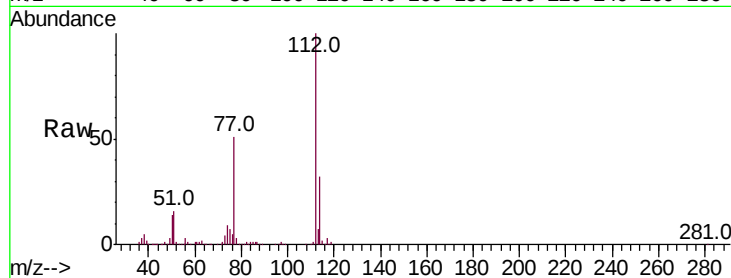
114 31.9 25.4 38.2

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.478 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

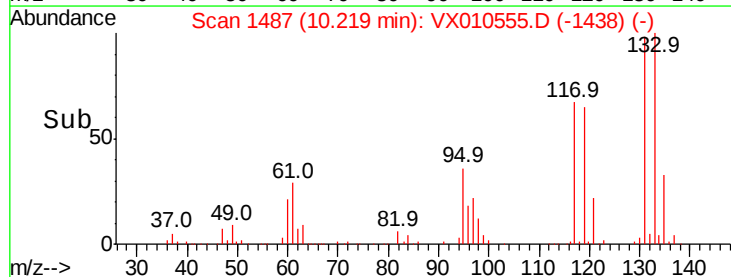
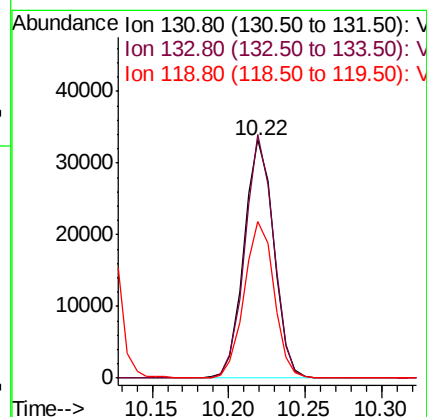
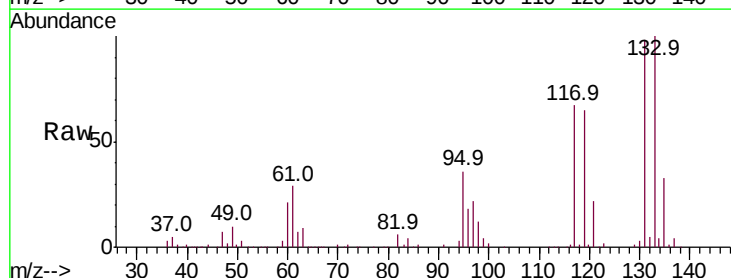
Tgt Ion:131 Resp: 44955

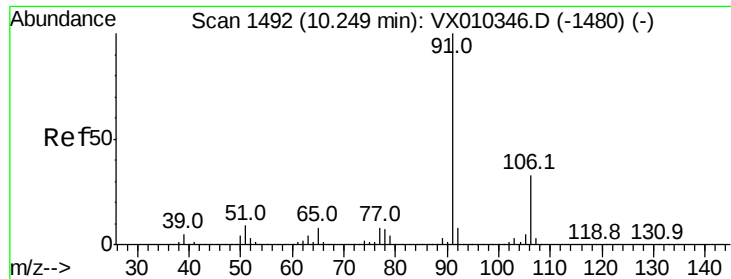
Ion Ratio Lower Upper

131 100

133 98.6 47.7 143.1

119 66.3 32.6 97.7





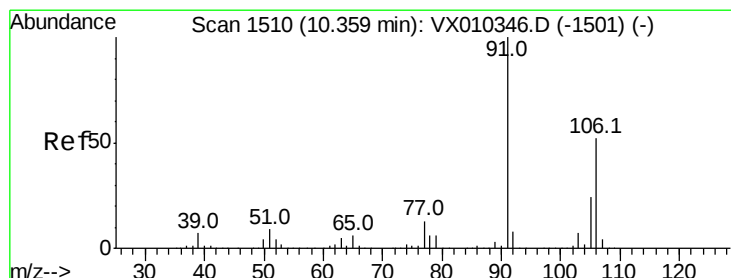
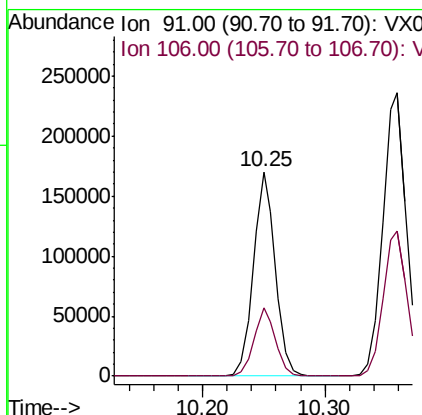
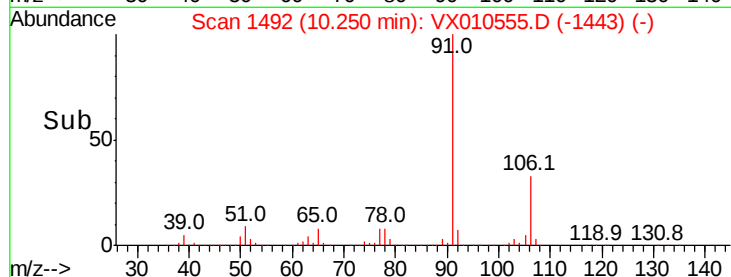
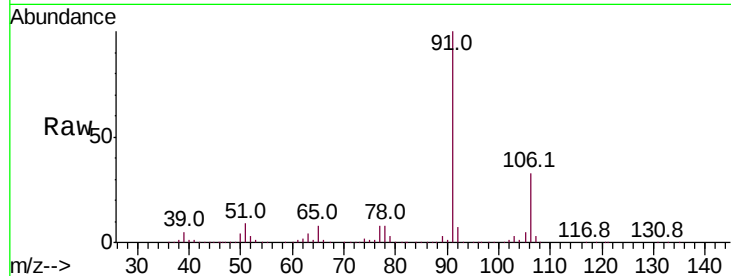
#67
Ethyl Benzene
Concen: 19.828 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Instrument :
MSVOA_X
ClientSampled :
VX0628WBSD02

Tot Ion: 91 Resp: 212102
Ion Ratio Lower Upper
91 100
106 33.1 26.2 39.2

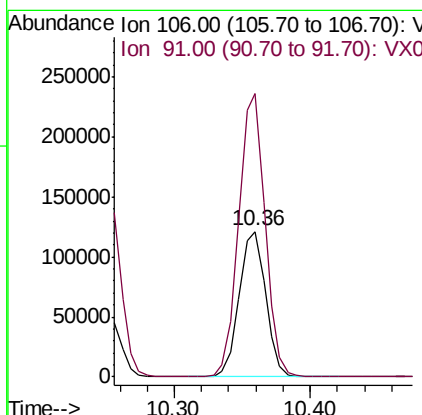
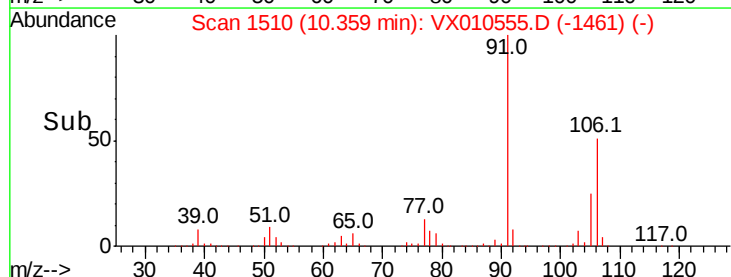
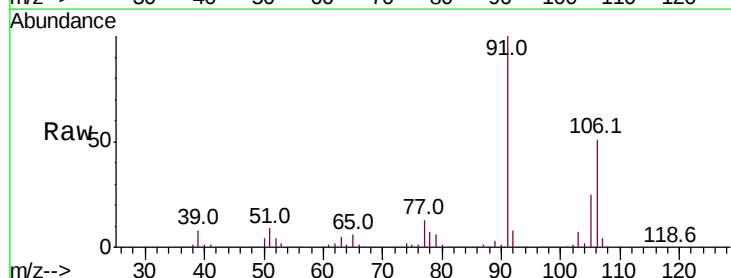
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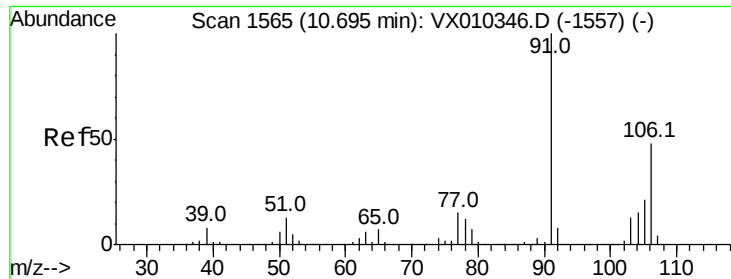
MMDadoda
7/1/2019 10:40:52 AM



#68
m/p-Xylenes
Concen: 39.676 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion: 106 Resp: 164450
Ion Ratio Lower Upper
106 100
91 193.8 155.3 232.9





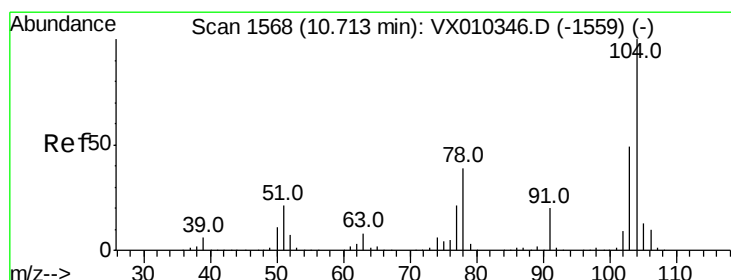
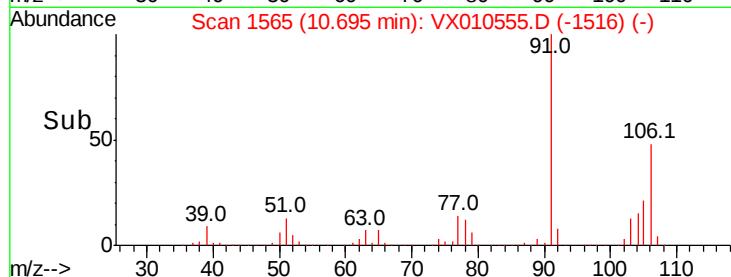
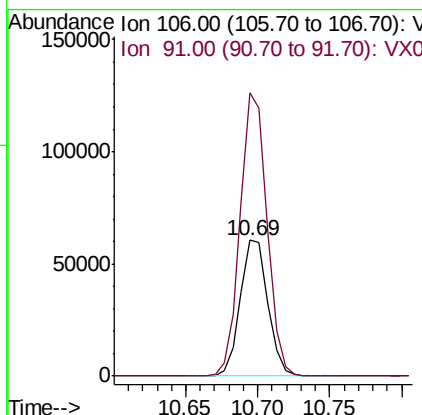
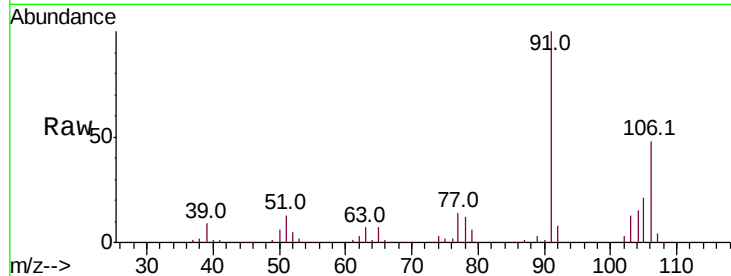
#69
o-Xylene
Concen: 19.805 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Instrument :
MSVOA_X
ClientSampleID :
VX0628WBSD02

Tot Ion:106 Resp: 80725
Ion Ratio Lower Upper
106 100
91 202.9 102.7 308.1

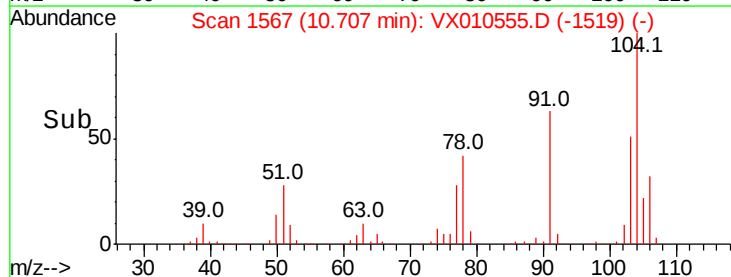
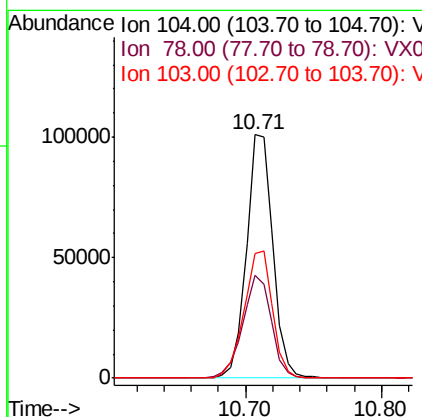
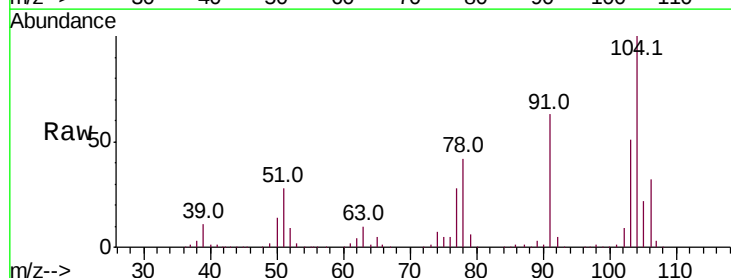
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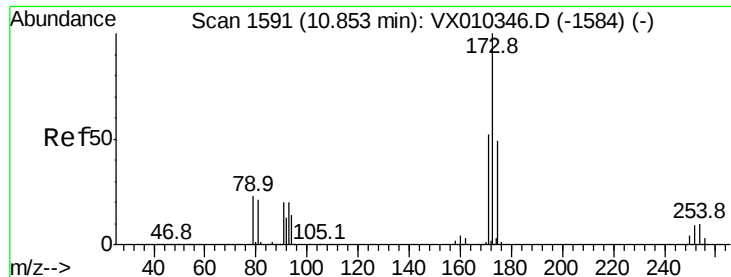
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#70
Styrene
Concen: 20.043 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion:104 Resp: 137005
Ion Ratio Lower Upper
104 100
78 45.8 36.2 54.2
103 56.4 44.2 66.4





#71

Bromoform

Concen: 17.451 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion:173 Resp: 35025

Ion Ratio Lower Upper

173 100

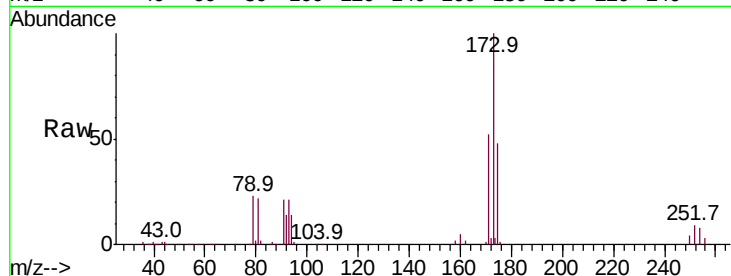
175 48.8 24.1 72.3

254 0.0 0.2 0.2#

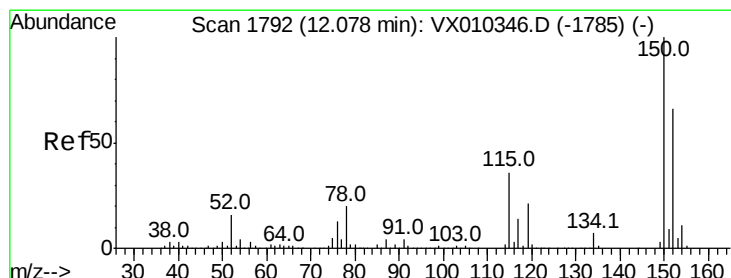
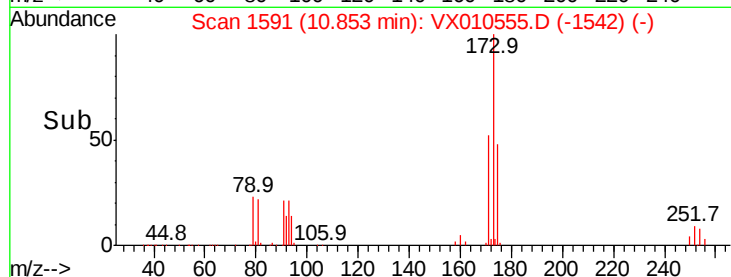
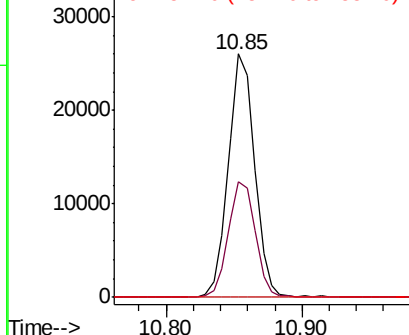
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

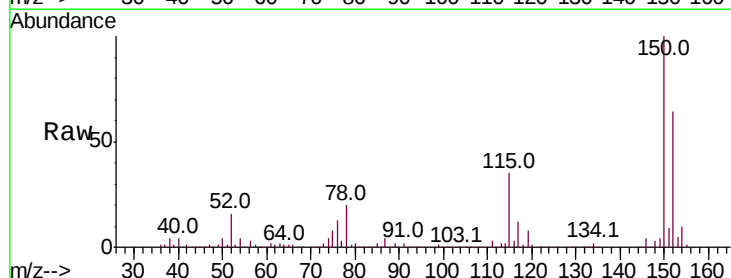
Tgt Ion:152 Resp: 159623

Ion Ratio Lower Upper

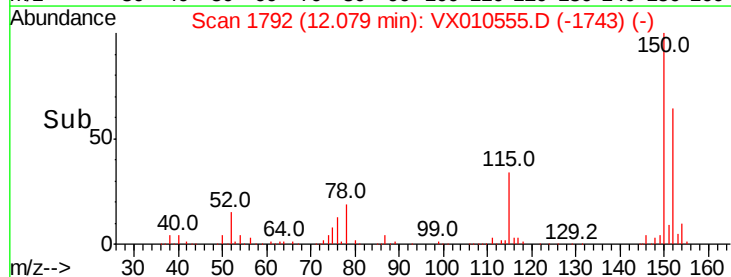
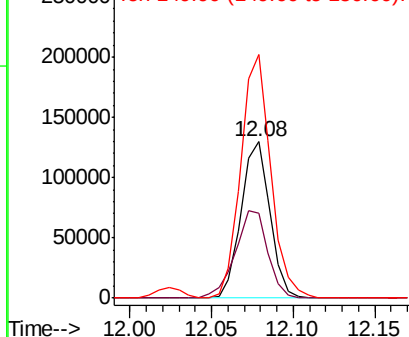
152 100

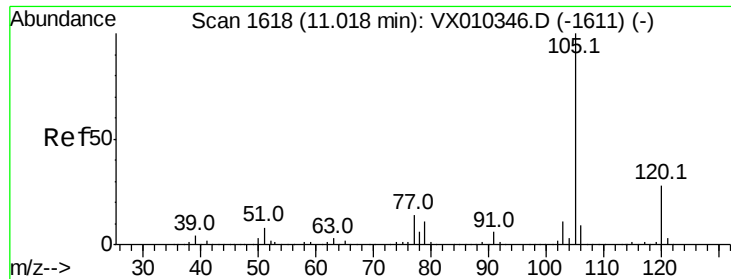
115 63.3 38.6 115.7

150 162.4 0.0 347.4



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





#73

Isopropylbenzene

Concen: 19.958 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion:105 Resp: 215951

Ion Ratio Lower Upper

105 100

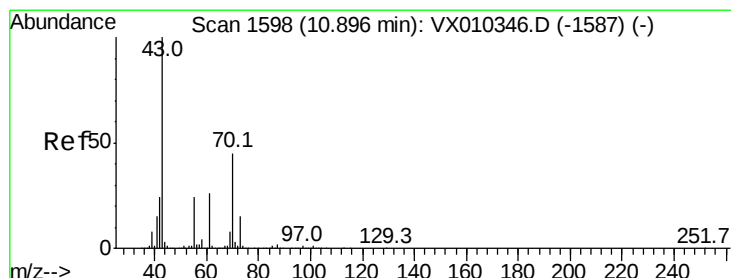
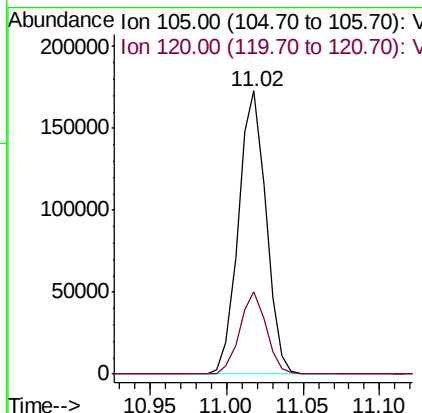
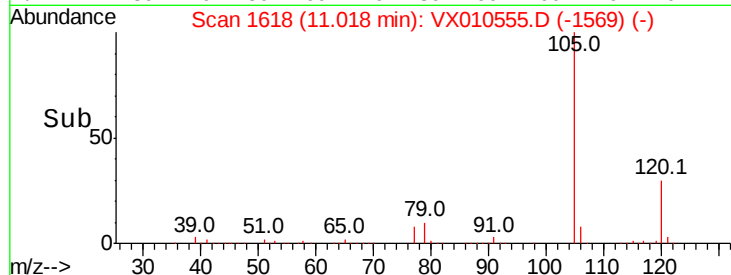
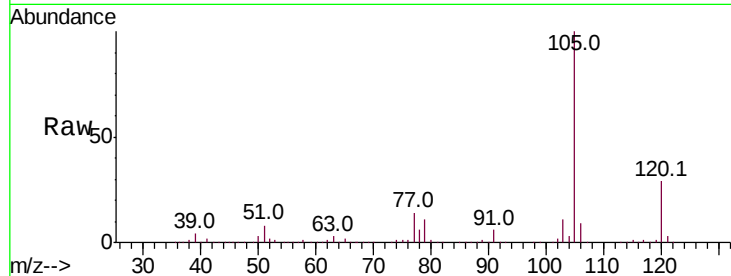
120 27.9 14.1 42.4

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#74

N-ethyl acetate

Concen: 20.164 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Tgt Ion: 43 Resp: 82456

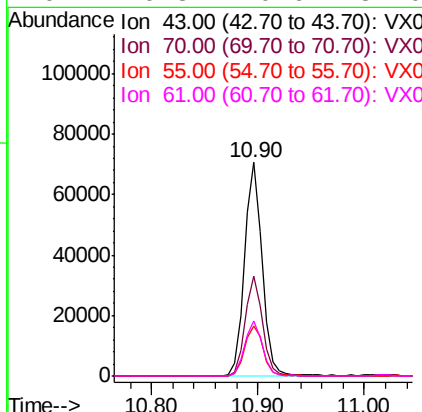
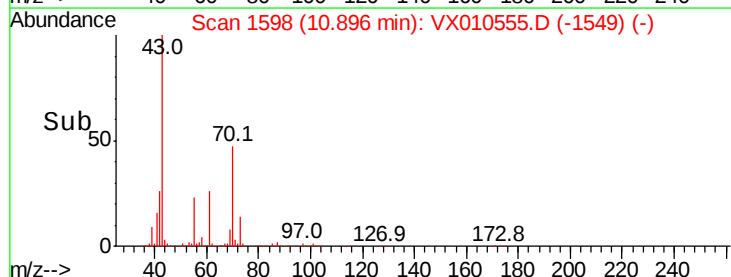
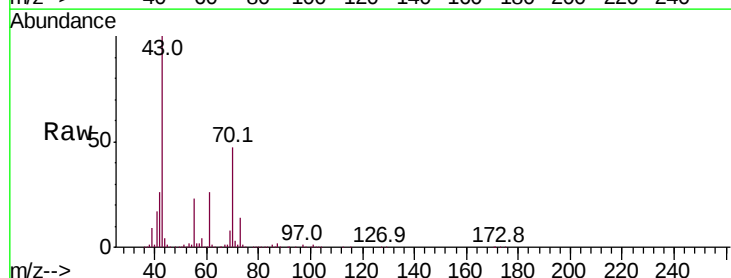
Ion Ratio Lower Upper

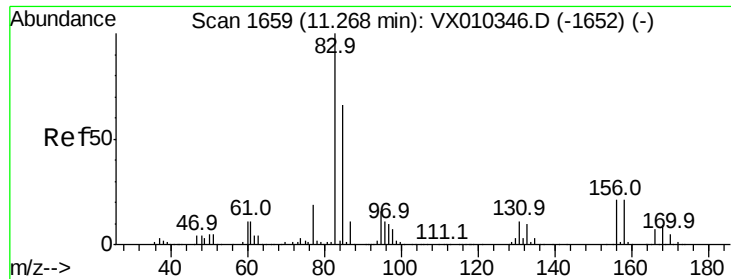
43 100

70 46.0 36.6 54.8

55 24.8 18.7 28.1

61 26.3 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.405 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

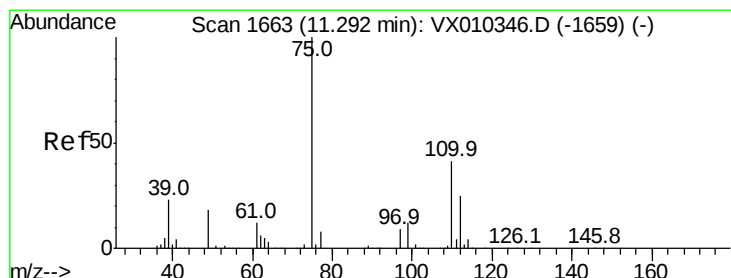
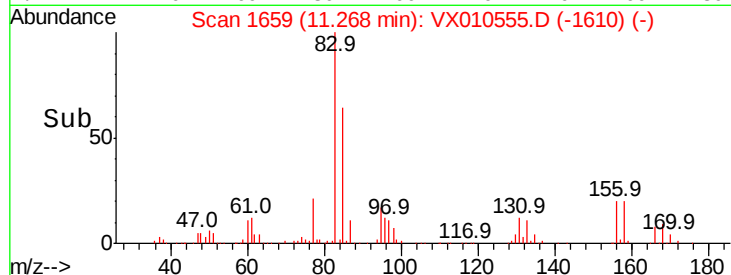
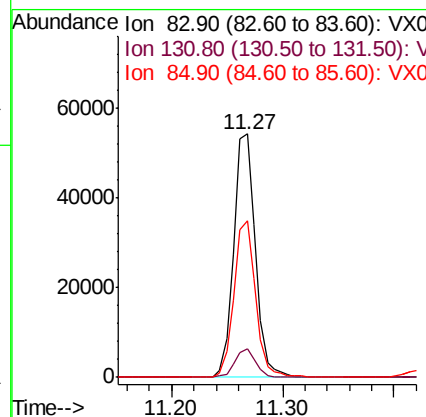
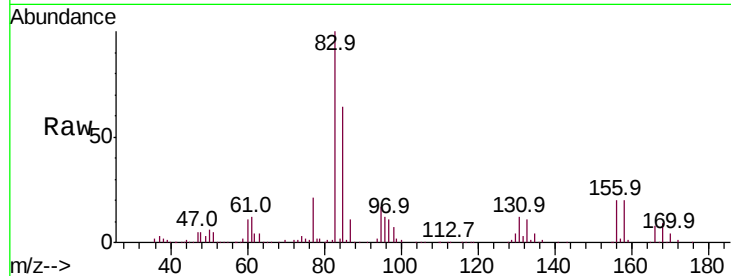
ClientSampleId :

VX0628WBSD02

Tot Ion:	83	Resp:	73120
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.4
85	64.1	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.068 ug/l m

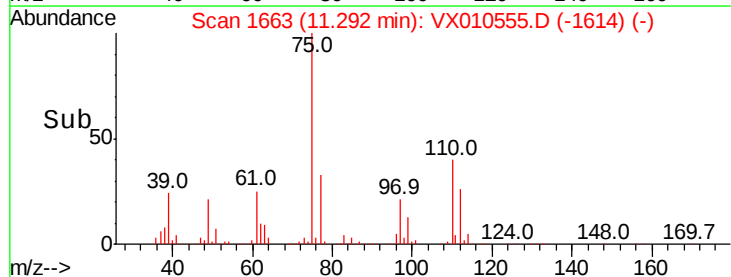
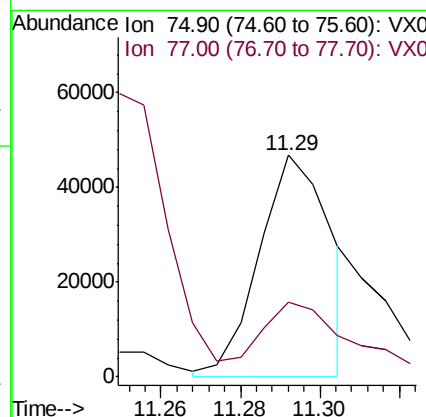
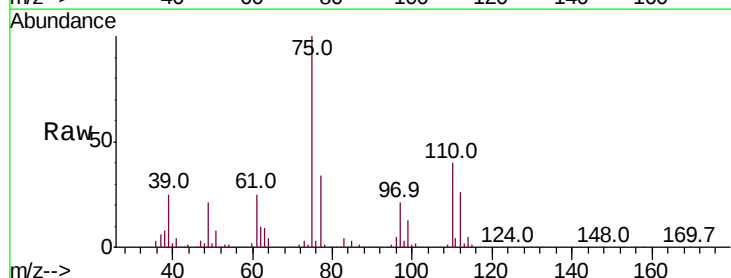
RT: 11.29 min Scan# 1663

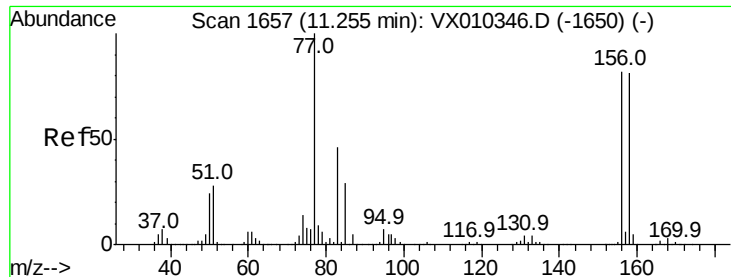
Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Tgt Ion:	75	Resp:	58372
Ion Ratio	Lower	Upper	
75	100		
77	43.3	22.6	67.8





#77

Bromobenzene

Concen: 19.748 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion:156 Resp: 59665

Ion Ratio Lower Upper

156 100

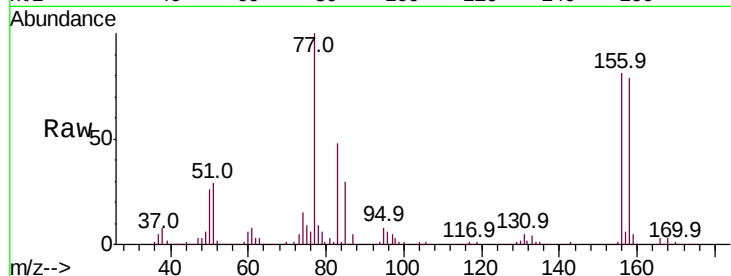
77 132.9 66.3 198.7

158 98.7 48.9 146.7

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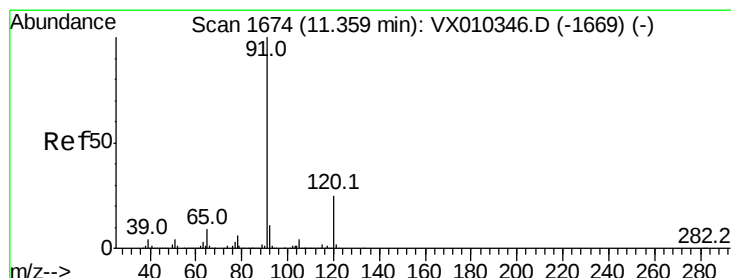
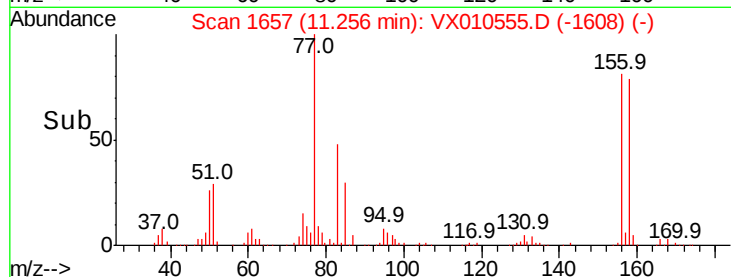
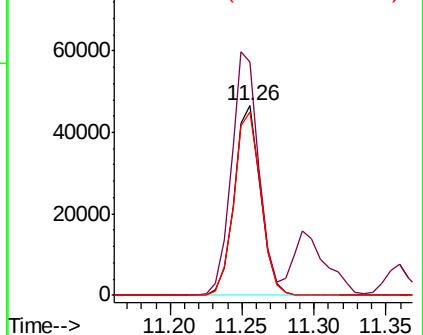
7/1/2019 10:40:52 AM



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: 19.976 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010555.D

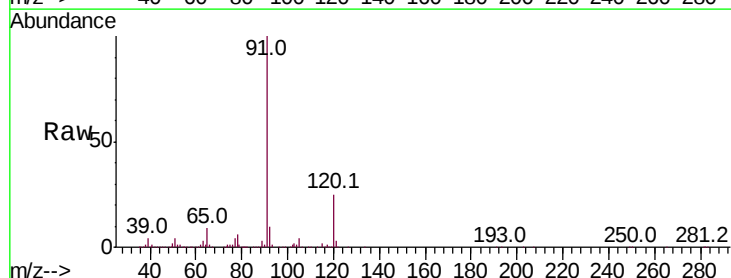
Acq: 28 Jun 2019 23:57

Tgt Ion: 91 Resp: 237557

Ion Ratio Lower Upper

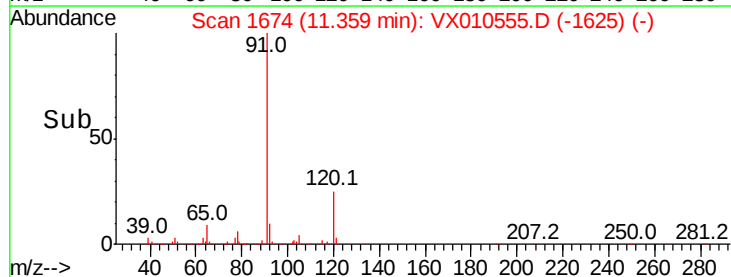
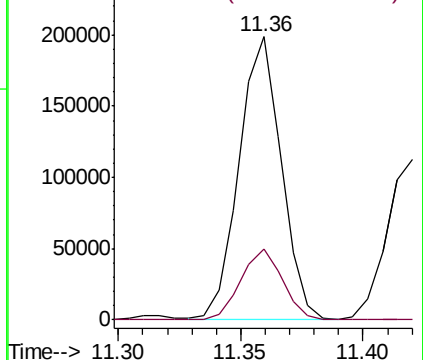
91 100

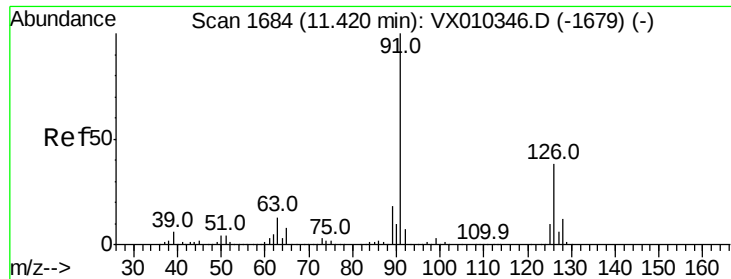
120 25.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.788 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampled :

VX0628WBSD02

Tot Ion: 91 Resp: 140130

Ion Ratio Lower Upper

91 100

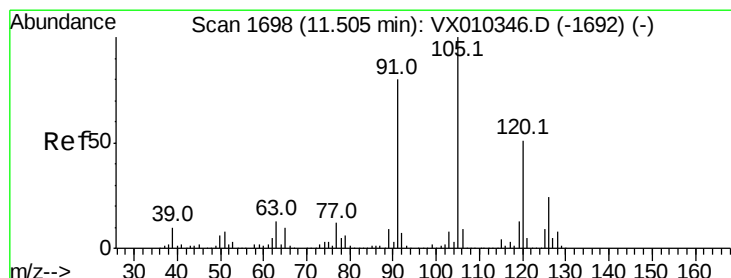
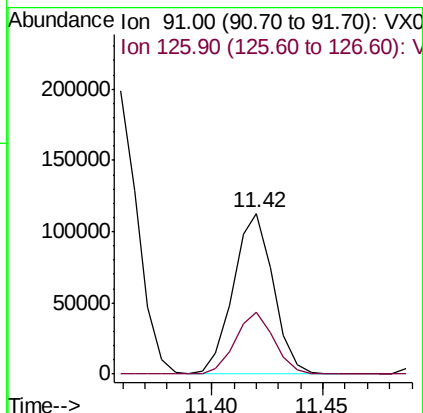
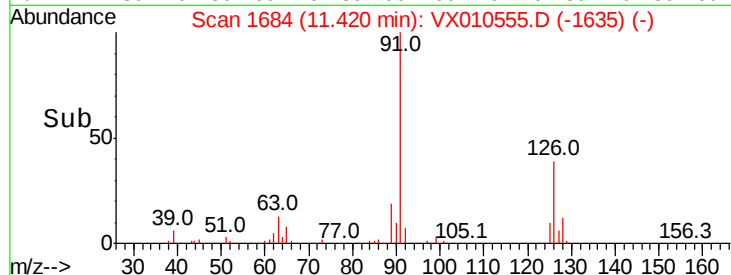
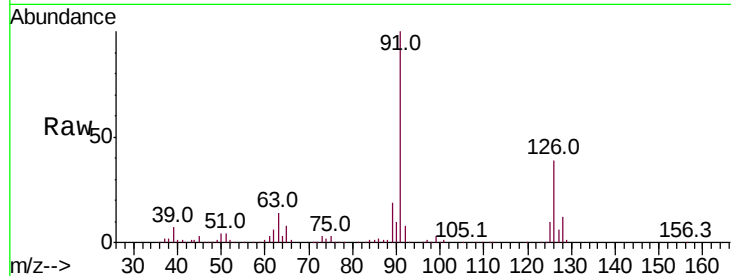
126 37.8 18.7 56.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.024 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010555.D

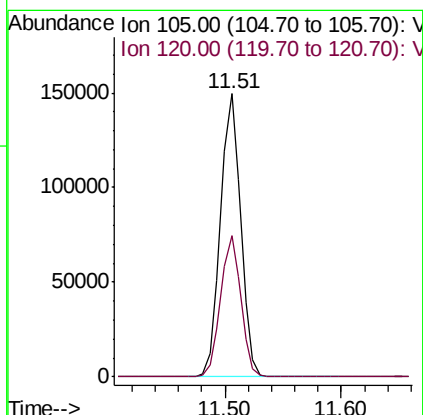
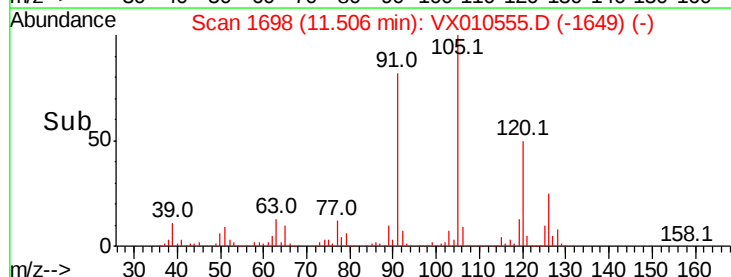
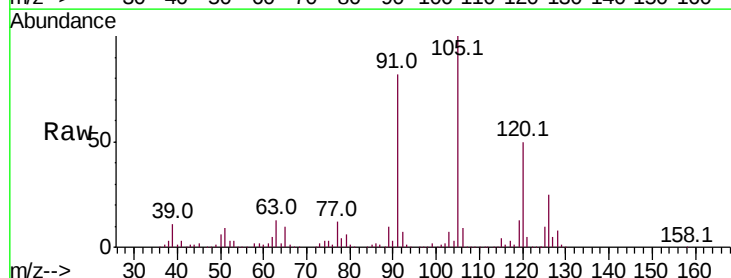
Acq: 28 Jun 2019 23:57

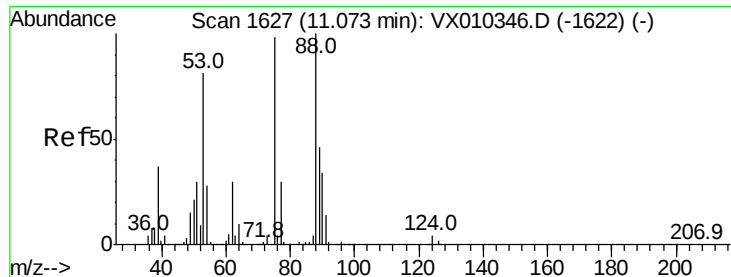
Tgt Ion:105 Resp: 178620

Ion Ratio Lower Upper

105 100

120 50.0 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 14.040 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion: 75 Resp: 17506

Ion Ratio Lower Upper

75 100

53 97.2 66.1 99.1

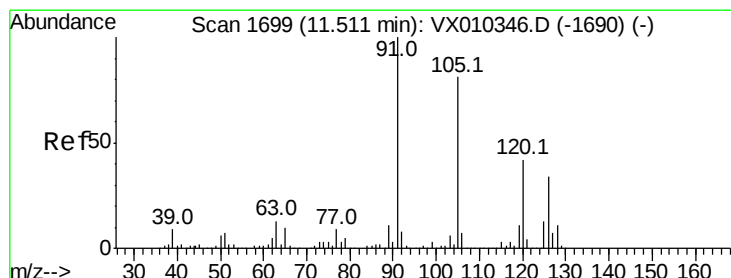
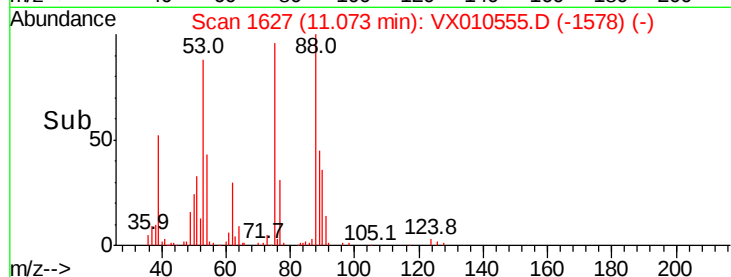
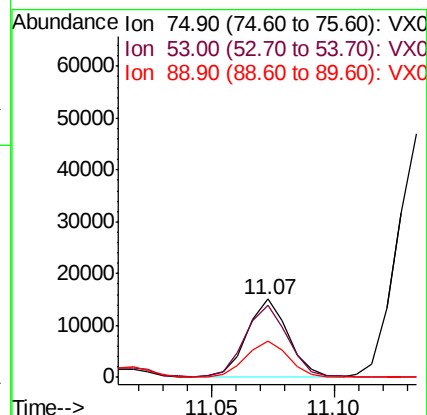
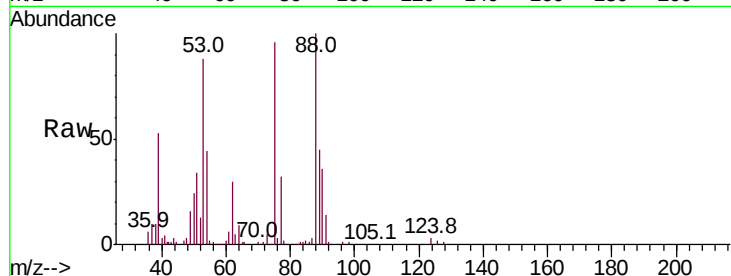
89 49.1 37.8 56.6

Manual Integrations

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#82

4-Chlorotoluene

Concen: 20.164 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010555.D

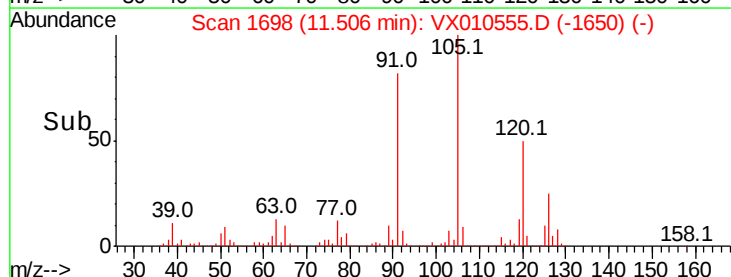
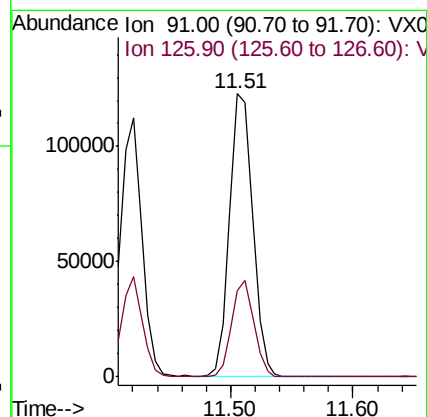
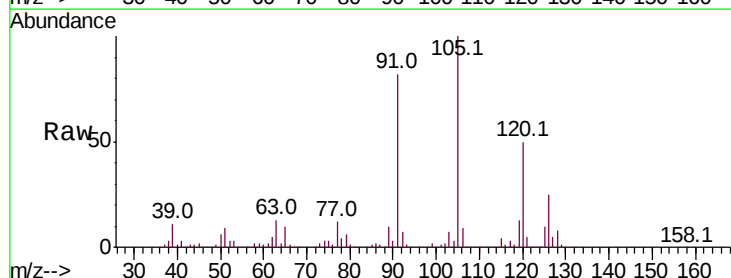
Acq: 28 Jun 2019 23:57

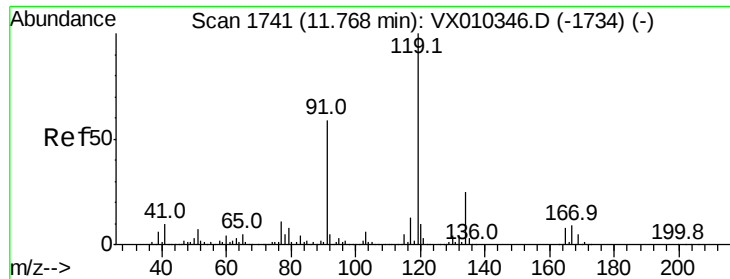
Tgt Ion: 91 Resp: 162480

Ion Ratio Lower Upper

91 100

126 32.4 16.2 48.6





#83

tert-Butylbenzene

Concen: 19.518 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

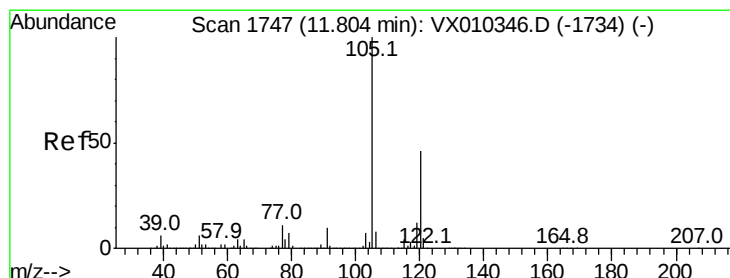
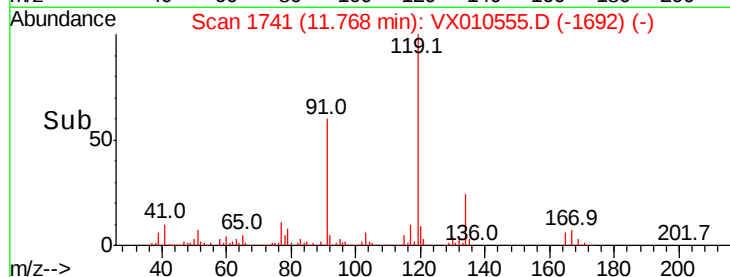
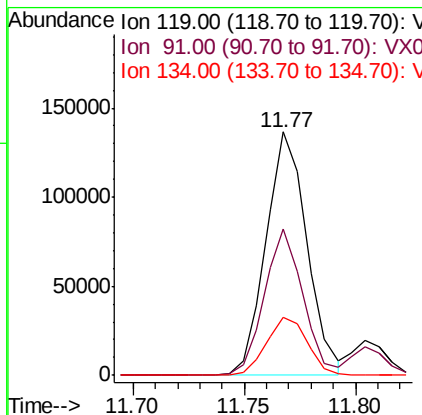
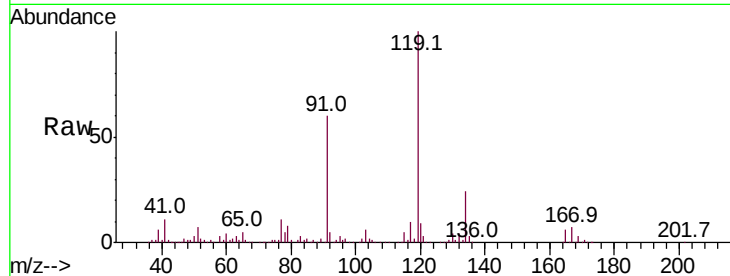
ClientSampled :

VX0628WBSD02

Tot Ion:	119	Resp:	174742
Ion Ratio	Lower	Upper	
119	100		
91	56.8	27.6	82.7
134	23.9	11.8	35.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.061 ug/l

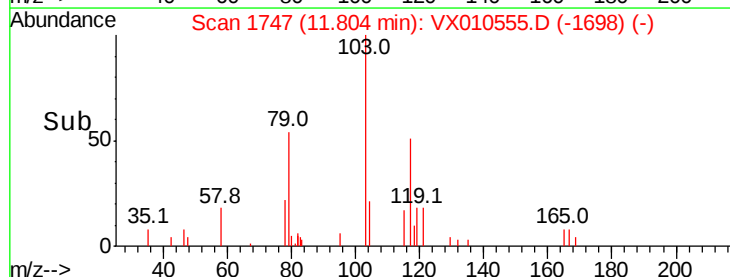
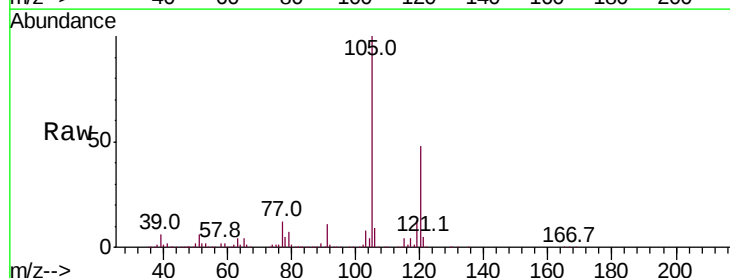
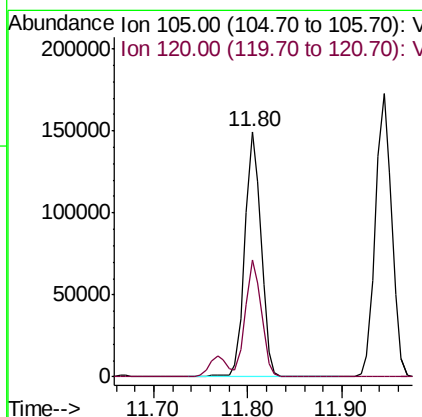
RT: 11.80 min Scan# 1747

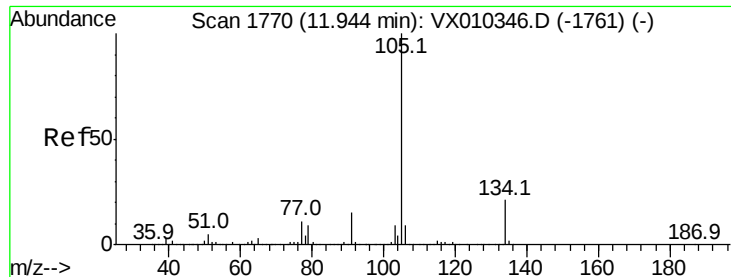
Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Tgt Ion:	105	Resp:	179783
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.812 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion:105 Resp: 208268

Ion Ratio Lower Upper

105 100

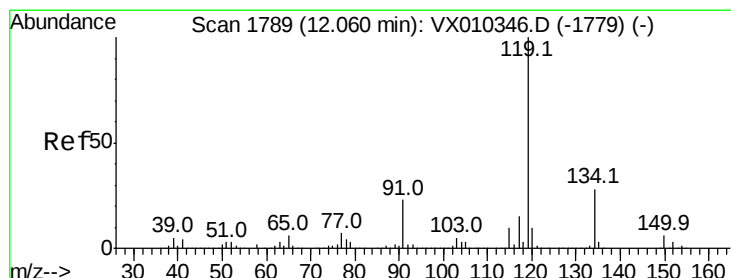
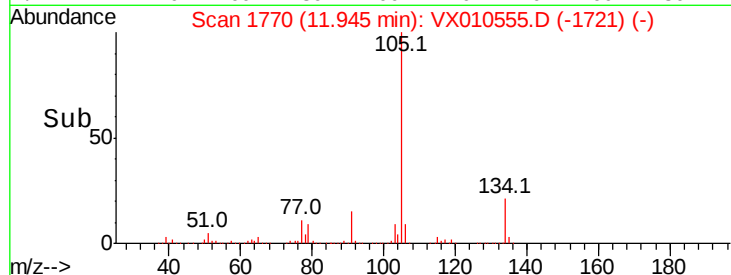
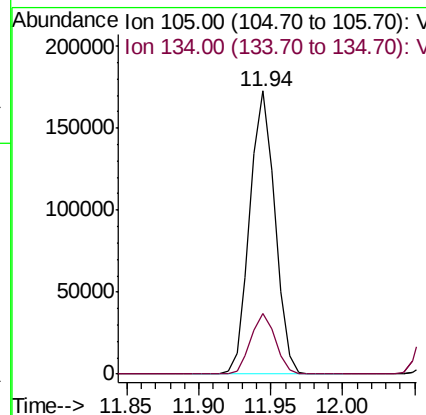
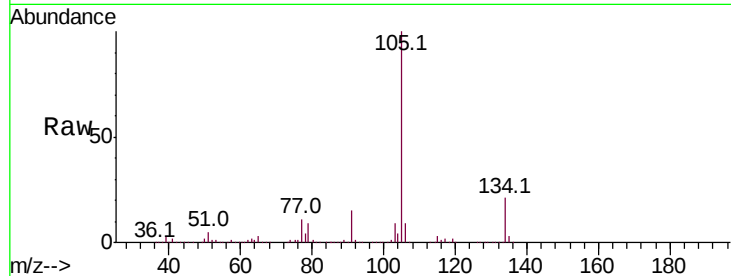
134 21.0 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.689 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

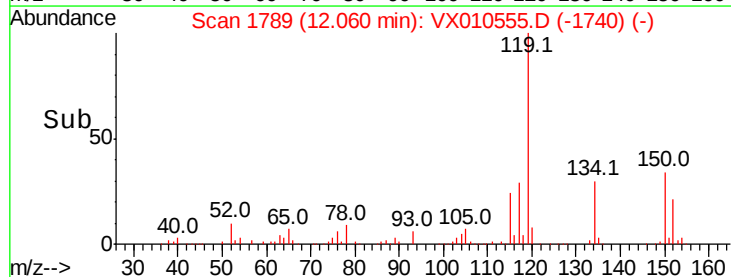
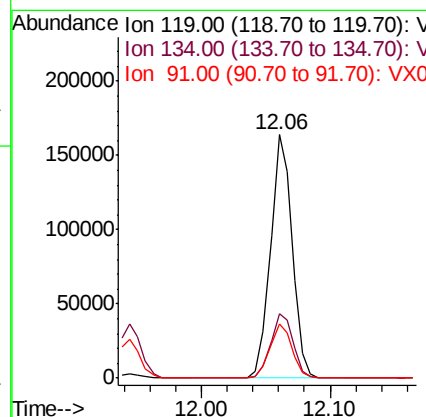
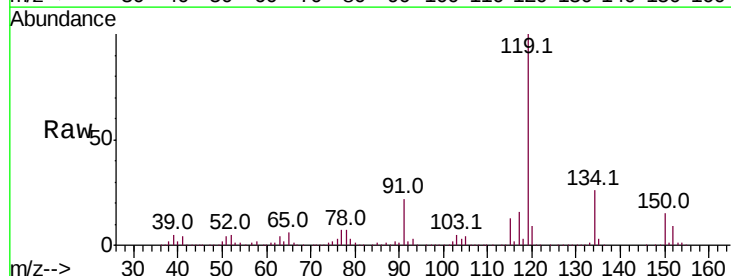
Tgt Ion:119 Resp: 191443

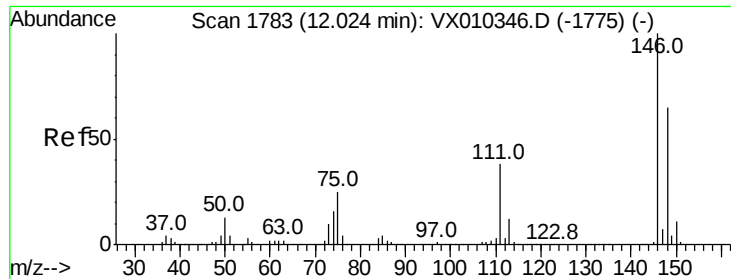
Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

91 22.8 11.3 33.8





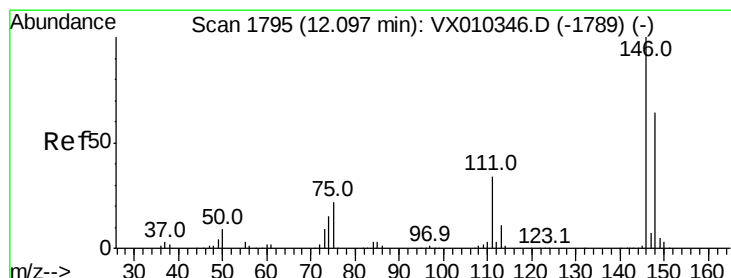
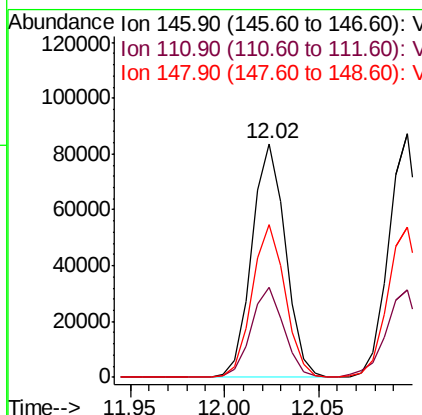
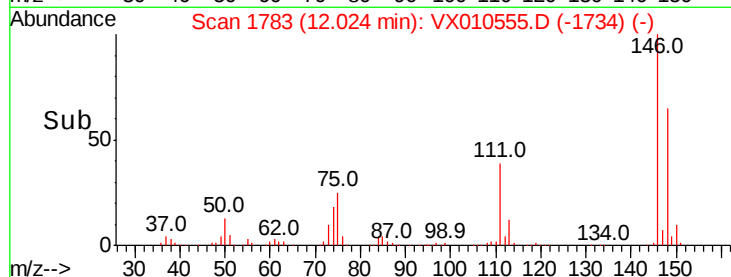
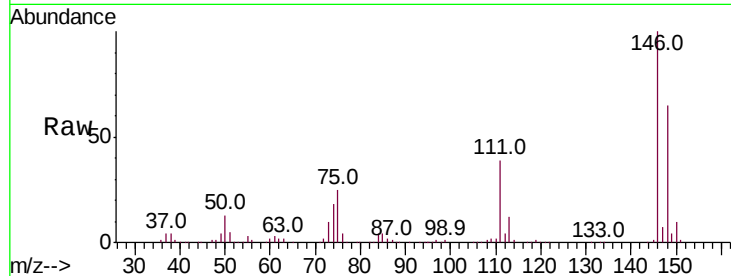
#87
 1,3-Dichlorobenzene
 Concen: 19.610 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010555.D
 Acq: 28 Jun 2019 23:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.1
148	64.1	32.5	97.4

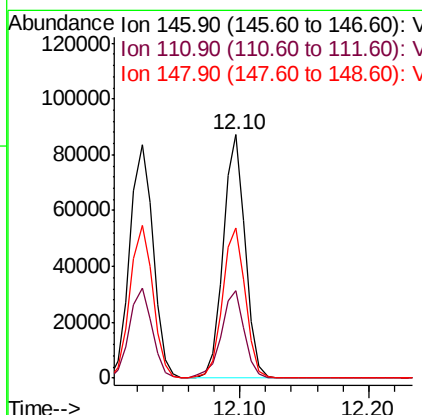
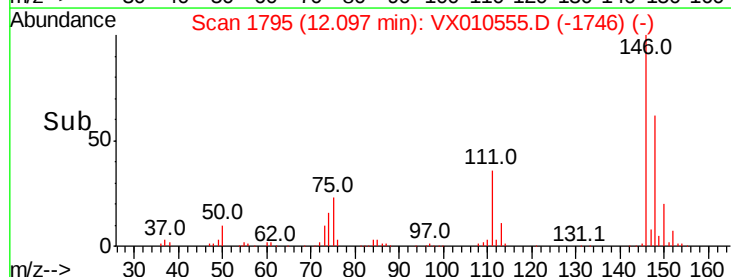
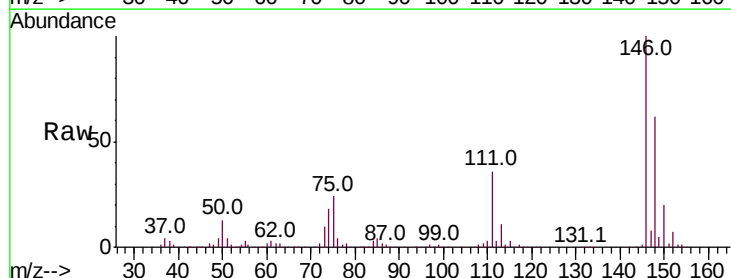
Manual Integrations
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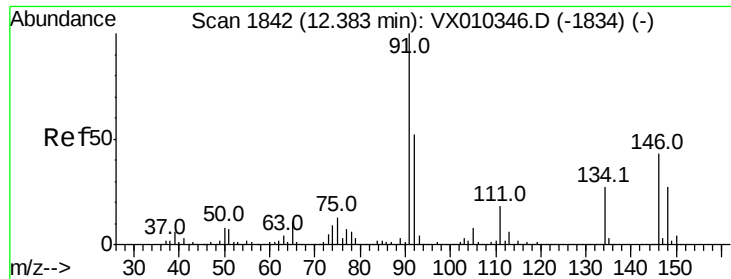
MMDadoda
 7/1/2019 10:40:52 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.509 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010555.D
 Acq: 28 Jun 2019 23:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.3
148	64.2	32.1	96.3





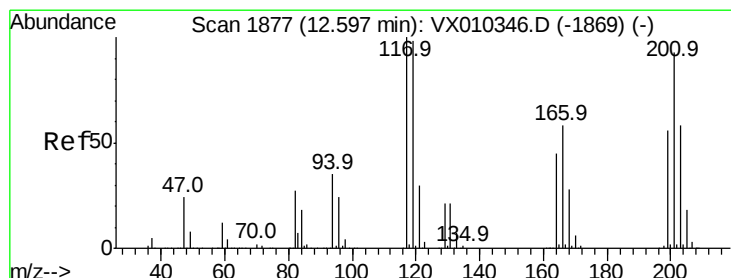
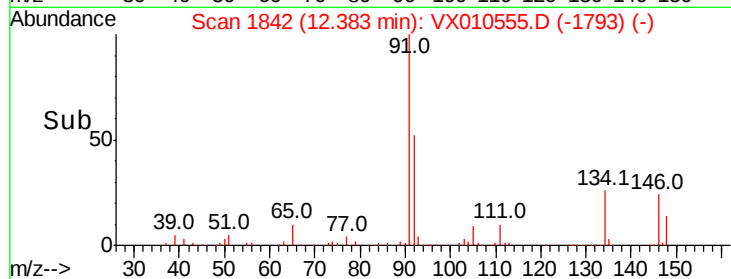
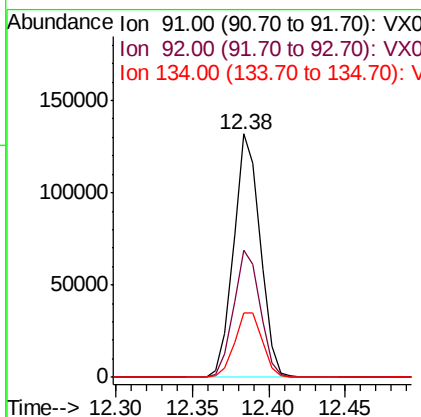
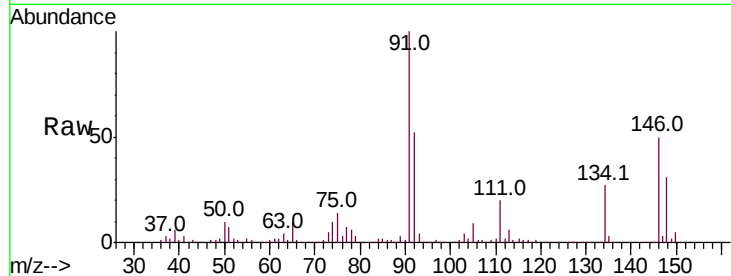
#89
n-Butylbenzene
Concen: 19.169 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Instrument :
MSVOA_X
ClientSampled :
VX0628WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.2	78.5
134	28.1	14.1	42.4

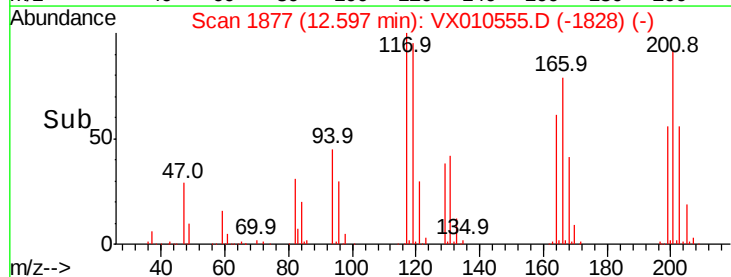
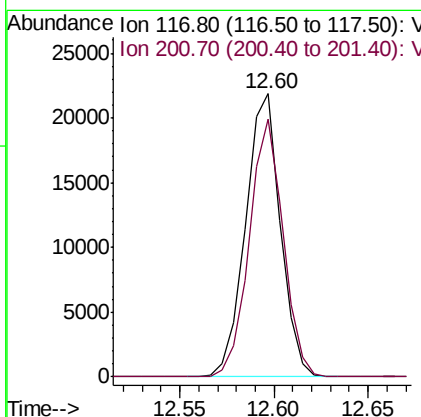
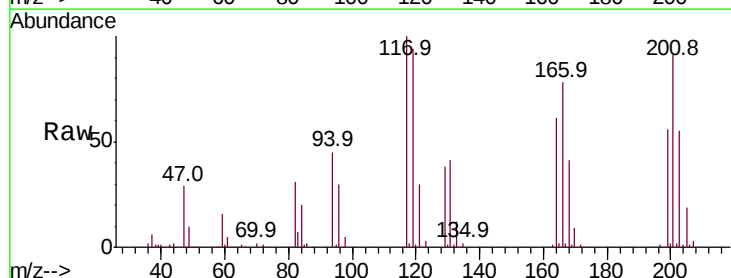
Manual Integrations
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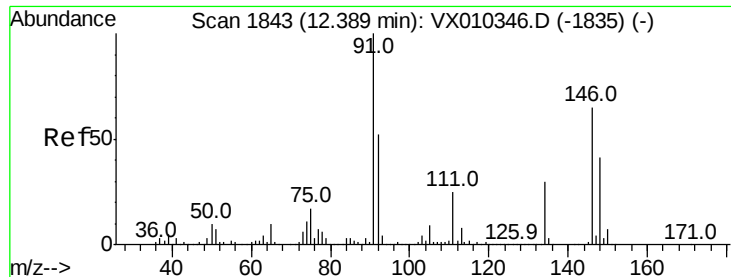
MMDadoda
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#90
Hexachloroethane
Concen: 16.685 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010555.D
Acq: 28 Jun 2019 23:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	44.0	131.8





#91

1,2-Dichlorobenzene

Concen: 20.098 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

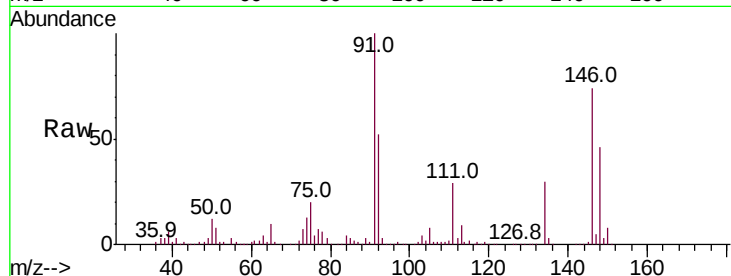
ClientSampleId :

VX0628WBSD02

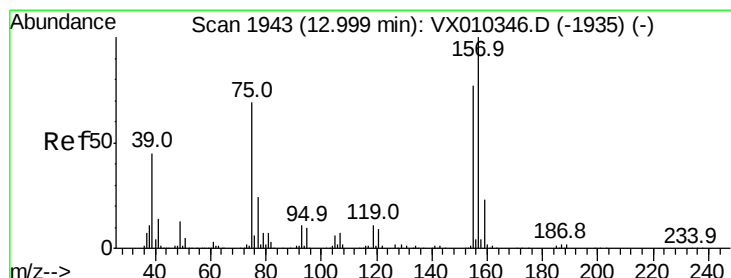
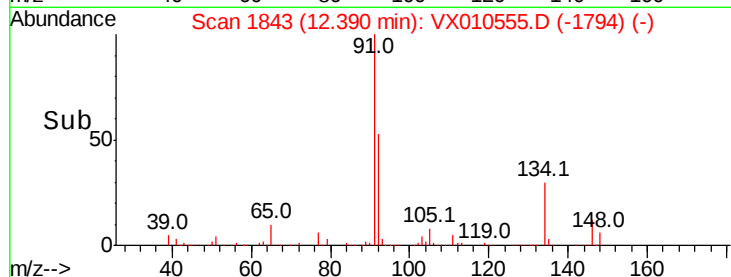
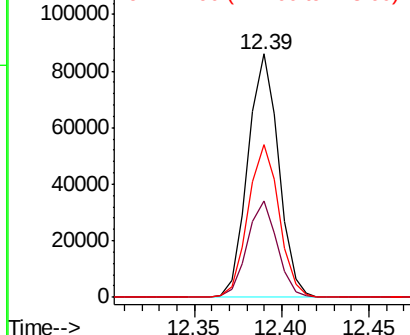
Tot Ion:	146	Resp:	105347
Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.2	57.6
148	63.1	32.0	96.0

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.889 ug/l

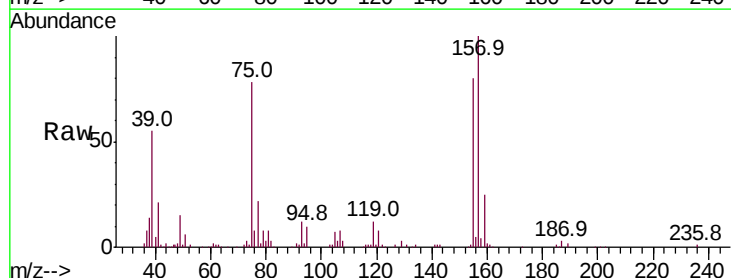
RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

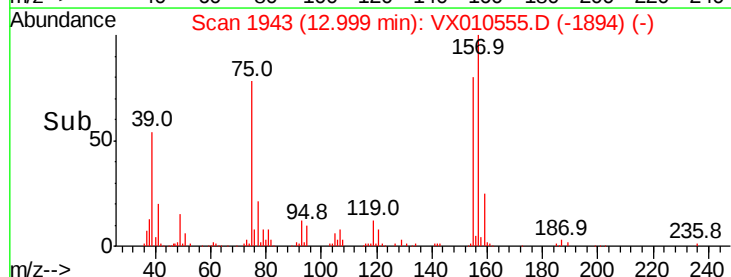
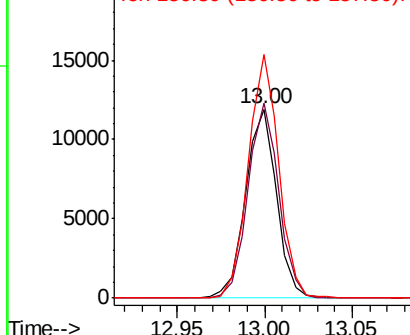
Lab File: VX010555.D

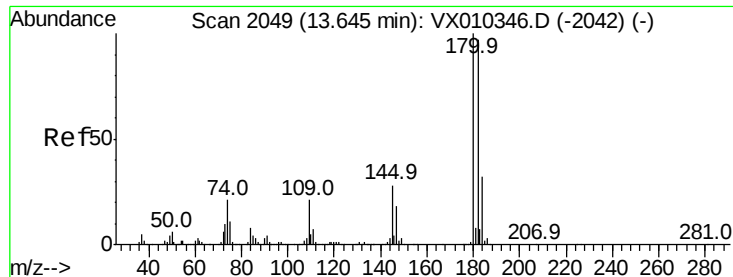
Acq: 28 Jun 2019 23:57

Tgt Ion:	75	Resp:	14594
Ion	Ratio	Lower	Upper
75	100		
155	102.7	54.4	163.1
157	127.3	69.5	208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.619 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

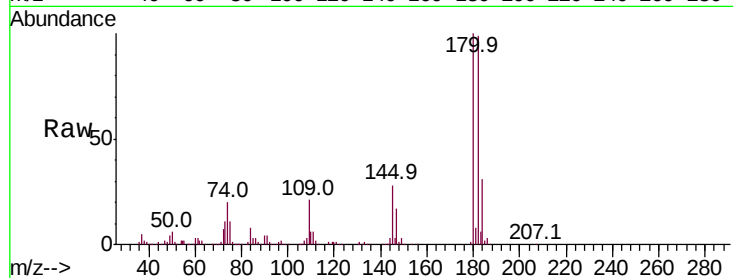
ClientSampleId :

VX0628WBSD02

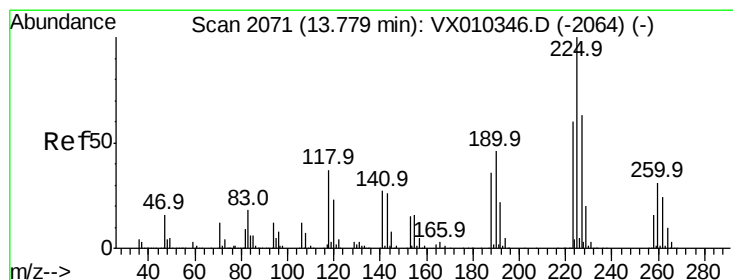
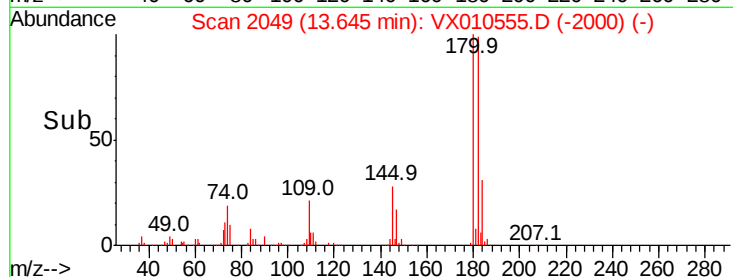
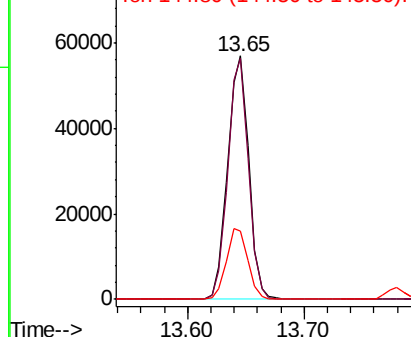
Tot Ion:	180	Resp:	71315
Ion Ratio	Lower	Upper	
180	100		
182	96.8	48.0	144.0
145	29.4	14.4	43.4

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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.650 ug/l

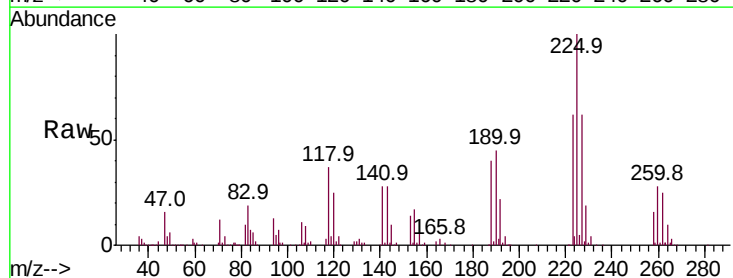
RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

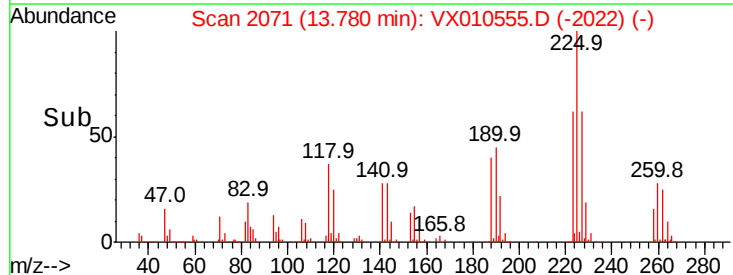
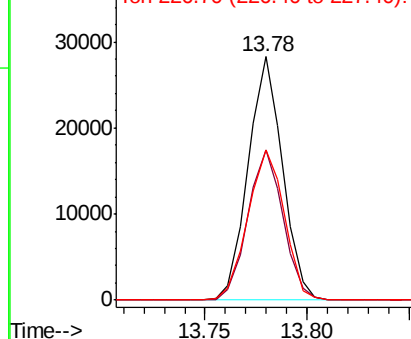
Lab File: VX010555.D

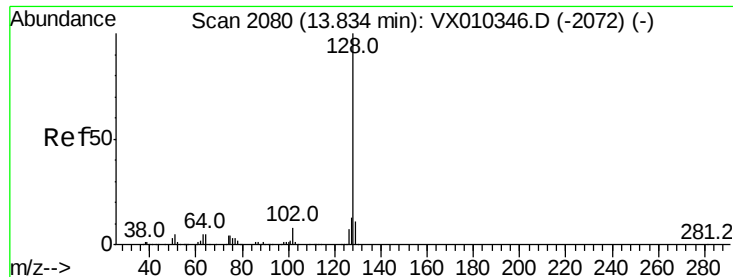
Acq: 28 Jun 2019 23:57

Tgt Ion:	225	Resp:	33133
Ion Ratio	Lower	Upper	
225	100		
223	63.1	30.9	92.7
227	65.4	31.9	95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.194 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_X

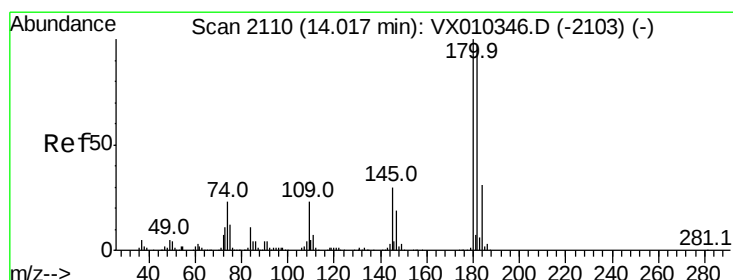
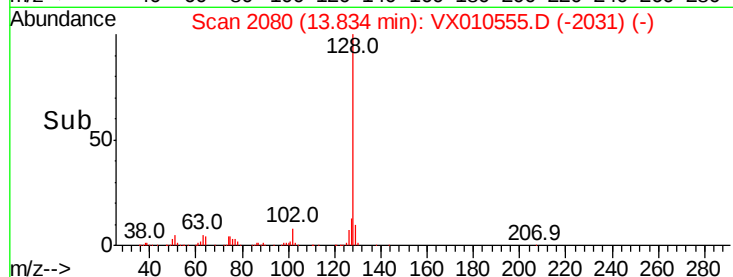
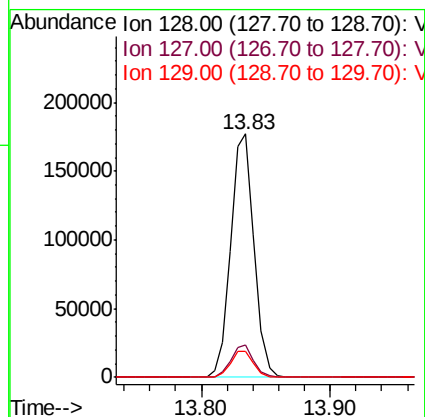
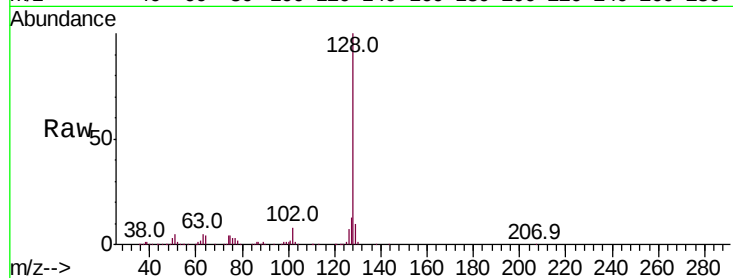
ClientSampleId :

VX0628WBSD02

Tot Ion:	128	Resp:	225581
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.7	8.9	13.3

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#96

1,2,3-Trichlorobenzene

Concen: 19.966 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010555.D

Acq: 28 Jun 2019 23:57

Tgt Ion:	180	Resp:	72161
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.8	143.3
145	31.3	15.2	45.6

