

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
 Data File : VX011348.D
 Acq On : 06 Aug 2019 13:04
 Operator : JC/SP
 Sample : VX0806WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 11:25:41 AM

Quant Time: Aug 07 01:42:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	235547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	219146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	87519	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
35) Dibromofluoromethane	5.49	113	76974	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.71	98	294088	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.13	95	104862	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22615	18.284	ug/l	97
3) Chloromethane	1.32	50	26678	19.208	ug/l	100
4) Vinyl Chloride	1.40	62	28579	18.706	ug/l	99
5) Bromomethane	1.63	94	21124	19.386	ug/l	96
6) Chloroethane	1.71	64	19047	18.486	ug/l	97
7) Trichlorofluoromethane	1.92	101	51318	18.891	ug/l	100
8) Diethyl Ether	2.18	74	18160	18.722	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	27928	19.000	ug/l	99
10) Methyl Iodide	2.50	142	32075	17.309	ug/l	99
11) Tert butyl alcohol	3.04	59	32615	101.432	ug/l	99
12) 1,1-Dichloroethene	2.37	96	26453	18.155	ug/l	88
13) Acrolein	2.29	56	13822	68.855	ug/l	99
14) Allyl chloride	2.72	41	39164	20.162	ug/l	96
15) Acrylonitrile	3.14	53	77948	101.572	ug/l	98
16) Acetone	2.43	43	77030	100.349	ug/l	96
17) Carbon Disulfide	2.56	76	59335	17.354	ug/l	98
18) Methyl Acetate	2.76	43	35520	20.248	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	86654	20.181	ug/l	97
20) Methylene Chloride	2.85	84	31083	18.489	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	29430	19.094	ug/l	99
22) Diisopropyl ether	3.85	45	83822	19.635	ug/l	98
23) Vinyl Acetate	3.81	43	360374	101.777	ug/l	99
24) 1,1-Dichloroethane	3.69	63	49113	19.510	ug/l	99
25) 2-Butanone	4.67	43	110874	101.538	ug/l	97
26) 2,2-Dichloropropane	4.58	77	38703	19.778	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	33768	19.021	ug/l	99
28) Bromochloromethane	5.01	49	22623	19.713	ug/l	94
29) Tetrahydrofuran	5.12	42	69140	103.268	ug/l	99
30) Chloroform	5.21	83	54254	19.830	ug/l	92
31) Cyclohexane	5.57	56	37726	18.165	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	45334	19.342	ug/l	98
36) 1,1-Dichloropropene	5.80	75	38879	18.905	ug/l	98
37) Ethyl Acetate	4.83	43	39962	19.372	ug/l	98
38) Carbon Tetrachloride	5.78	117	39012	18.855	ug/l	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	43507	17.848	ug/l	97
40) Benzene	6.14	78	117563	19.157	ug/l	99
41) Methacrylonitrile	5.03	41	22237	19.738	ug/l	96
42) 1,2-Dichloroethane	6.19	62	42523	20.491	ug/l	97
43) Isopropyl Acetate	6.44	43	63376	19.216	ug/l	99
44) Trichloroethene	7.21	130	34637	18.647	ug/l	95
45) 1,2-Dichloropropane	7.51	63	30645	19.282	ug/l	98
46) Dibromomethane	7.66	93	21488	18.520	ug/l	98
47) Bromodichloromethane	7.90	83	37633	19.158	ug/l	98
48) Methyl methacrylate	7.77	41	30942	19.935	ug/l	98
49) 1,4-Dioxane	7.73	88	16797	373.292	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	217948	102.398	ug/l	98
52) Toluene	8.78	92	77953	19.212	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	38837	18.851	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	44122	19.228	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	32061	19.218	ug/l	99
56) Ethyl methacrylate	9.18	69	46738	19.659	ug/l	99
57) 1,3-Dichloropropane	9.37	76	51039	19.345	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	116433	99.606	ug/l	99
59) 2-Hexanone	9.49	43	170745	103.569	ug/l	97
60) Dibromochloromethane	9.58	129	30839	18.056	ug/l	98
61) 1,2-Dibromoethane	9.67	107	34125	18.933	ug/l	98
64) Tetrachloroethene	9.34	164	34398	18.483	ug/l	97
65) Chlorobenzene	10.13	112	87741	18.673	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	29898	18.586	ug/l	98
67) Ethyl Benzene	10.25	91	149748	19.029	ug/l	98
68) m/p-Xylenes	10.35	106	114999	37.781	ug/l	98
69) o-Xylene	10.69	106	57156	19.111	ug/l	98
70) Styrene	10.71	104	92973	18.788	ug/l	97
71) Bromoform	10.85	173	22695	17.720	ug/l #	100
73) Isopropylbenzene	11.02	105	151358	19.210	ug/l	99
74) N-amyl acetate	10.90	43	56183	19.734	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	49434	18.827	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	42437m	20.227	ug/l	
77) Bromobenzene	11.25	156	40551	18.560	ug/l	96
78) n-propylbenzene	11.36	91	167597	19.127	ug/l	100
79) 2-Chlorotoluene	11.42	91	98516	18.864	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	126897	19.239	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	12139	18.579	ug/l	90
82) 4-Chlorotoluene	11.51	91	116450	19.133	ug/l	98
83) tert-Butylbenzene	11.77	119	124653	19.269	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	128189	19.520	ug/l	99
85) sec-Butylbenzene	11.94	105	149233	19.201	ug/l	100
86) p-Isopropyltoluene	12.06	119	135145	18.901	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	74238	19.230	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	73265	18.405	ug/l	96
89) n-Butylbenzene	12.38	91	117239	19.032	ug/l	100
90) Hexachloroethane	12.59	117	18791	17.776	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	72413	18.668	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	10392	20.428	ug/l	96

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Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

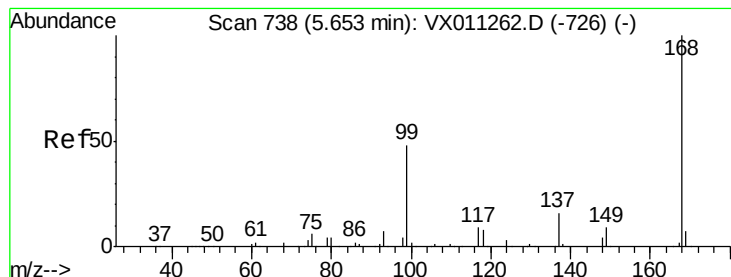
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	50464	19.617	ug/l	99
94) Hexachlorobutadiene	13.78	225	24226	18.562	ug/l	97
95) Naphthalene	13.83	128	158535	21.074	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	50771	19.414	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion:168 Resp: 160142

Ion Ratio Lower Upper

168 100

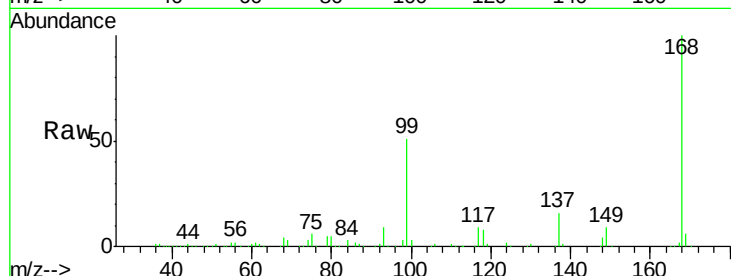
99 51.1 38.5 57.7

Manual Integrations

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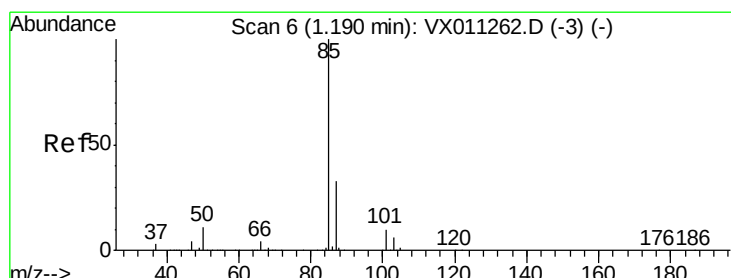
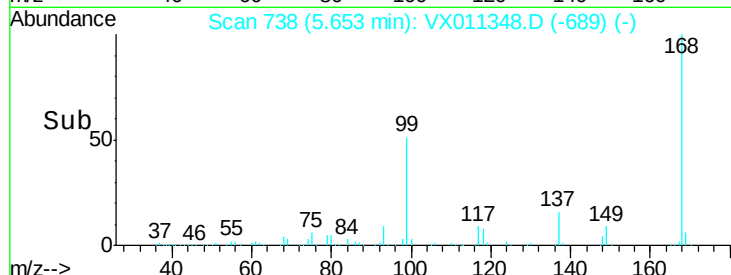
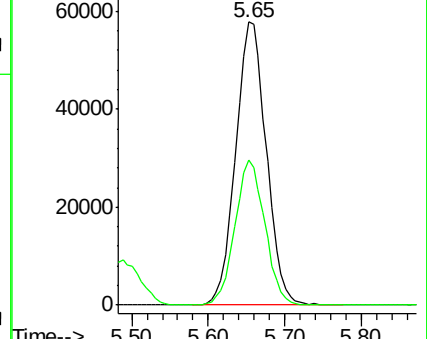
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.284 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011348.D

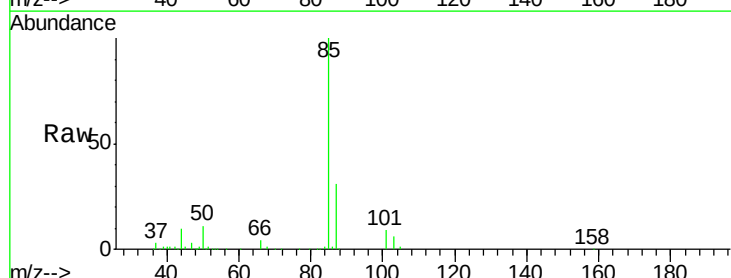
Acq: 06 Aug 2019 13:04

Tgt Ion: 85 Resp: 22615

Ion Ratio Lower Upper

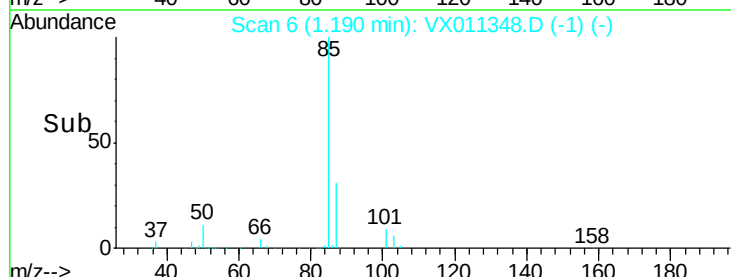
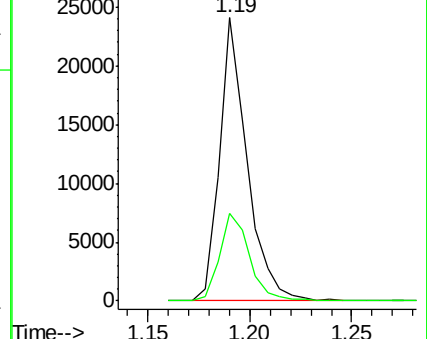
85 100

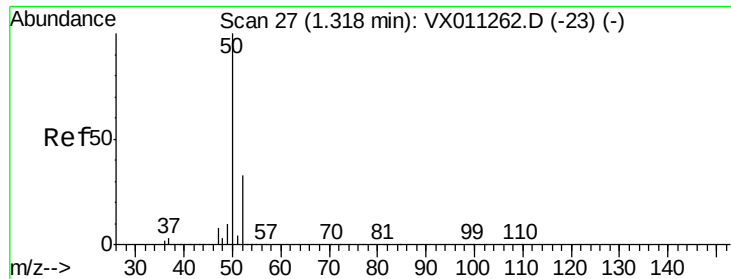
87 31.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.208 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 50 Resp: 26678

Ion Ratio Lower Upper

50 100

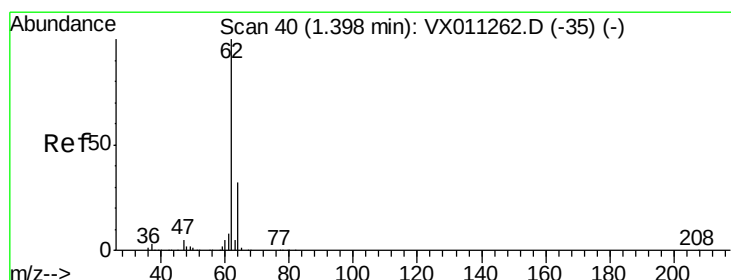
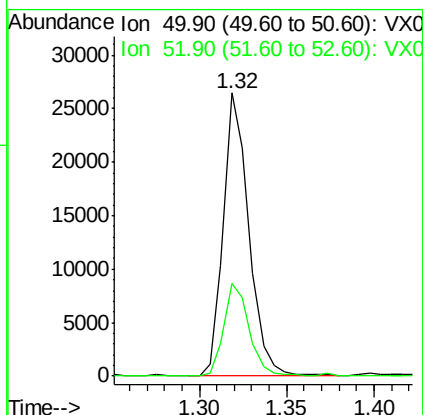
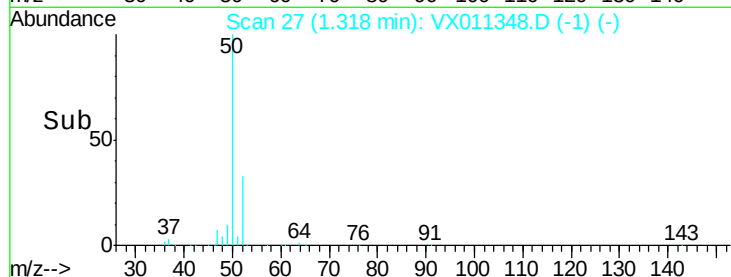
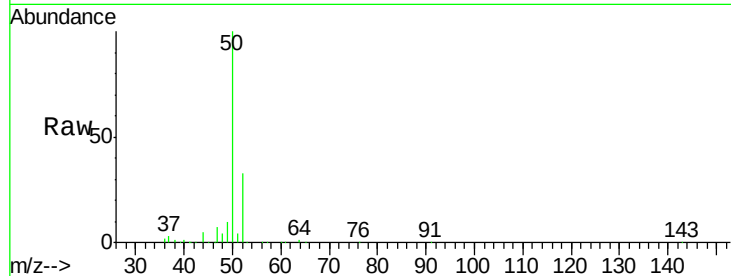
52 32.8 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.706 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011348.D

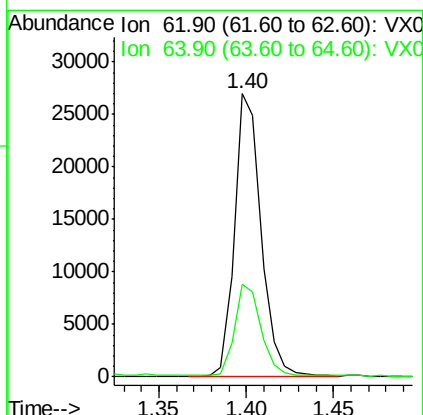
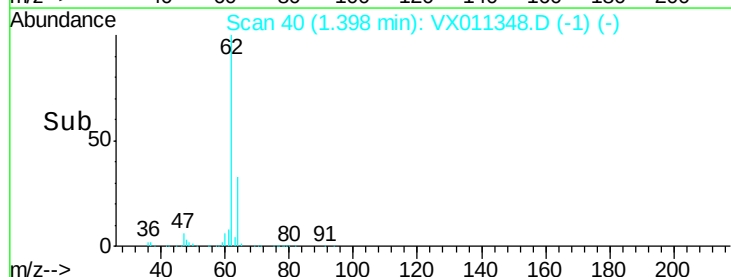
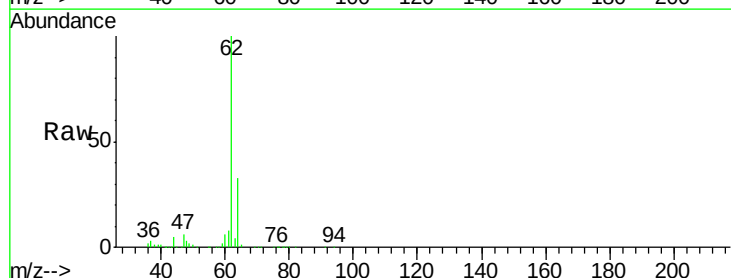
Acq: 06 Aug 2019 13:04

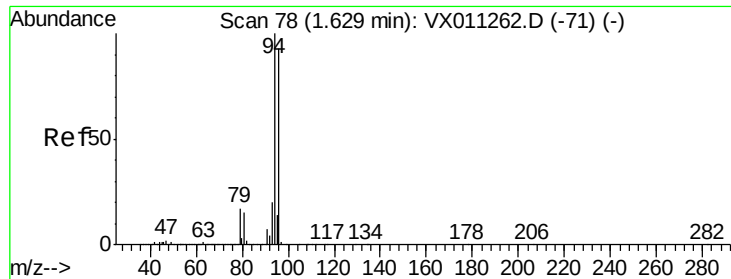
Tgt Ion: 62 Resp: 28579

Ion Ratio Lower Upper

62 100

64 32.1 26.0 39.0





#5

Bromomethane

Concen: 19.386 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 94 Resp: 21124

Ion Ratio Lower Upper

94 100

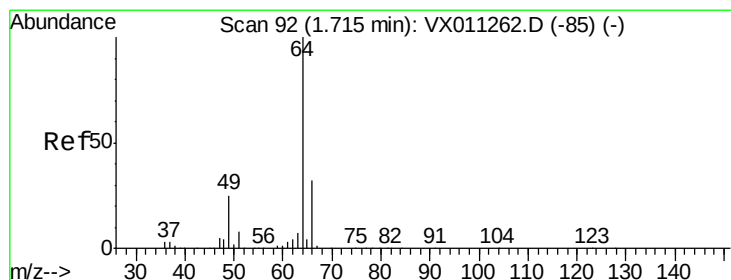
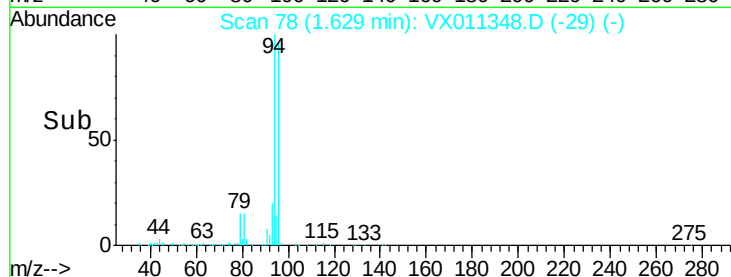
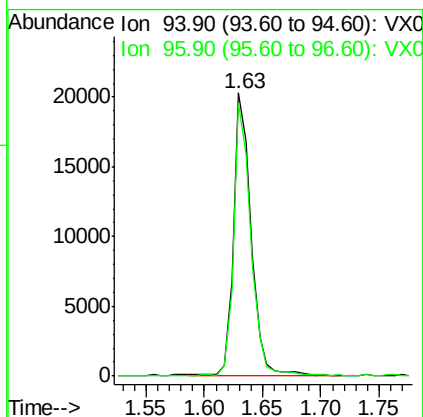
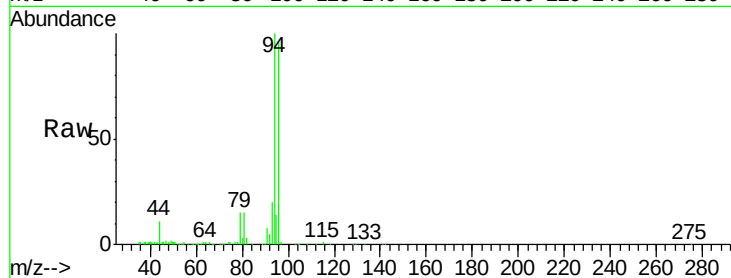
96 96.7 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 18.486 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011348.D

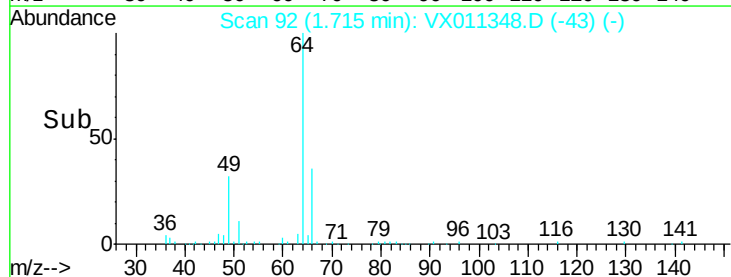
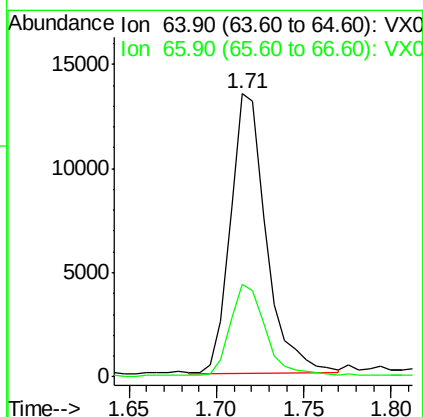
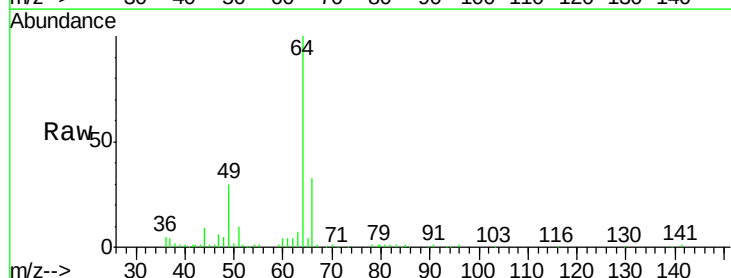
Acq: 06 Aug 2019 13:04

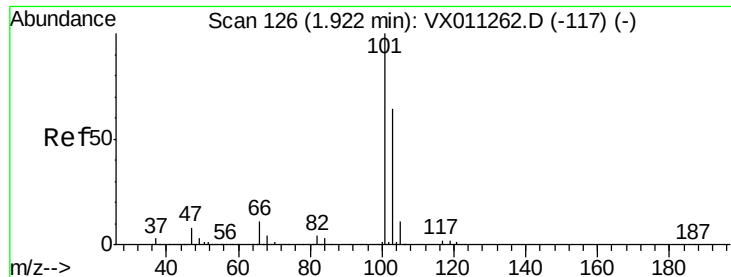
Tgt Ion: 64 Resp: 19047

Ion Ratio Lower Upper

64 100

66 32.8 25.1 37.7





#7

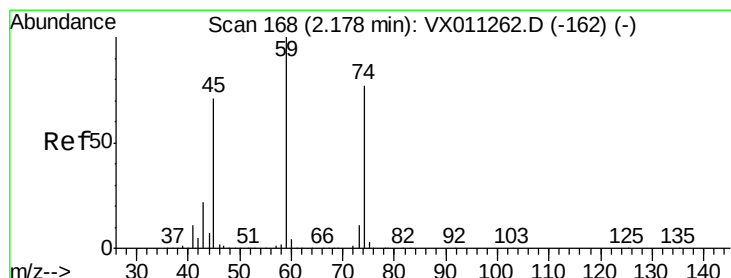
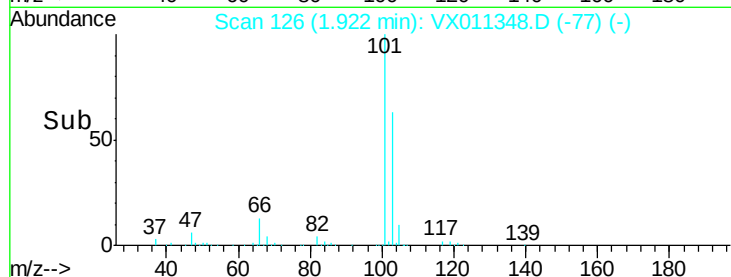
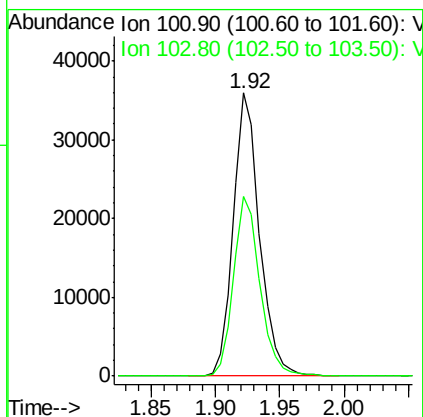
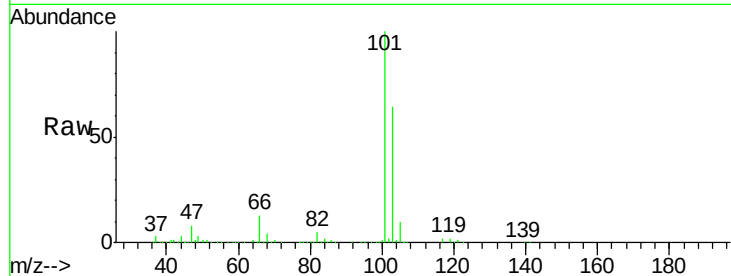
Trichlorofluoromethane
Concen: 18.891 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	51318		
103	63.4	50.9	76.3	

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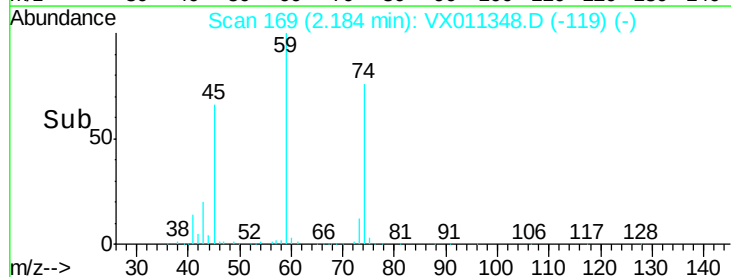
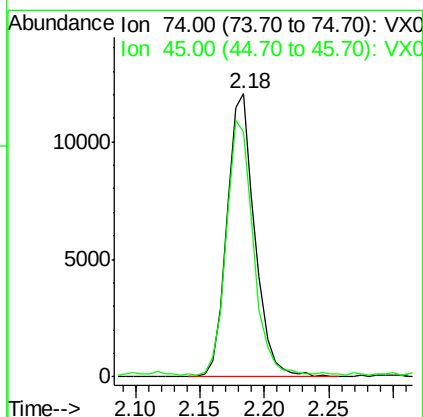
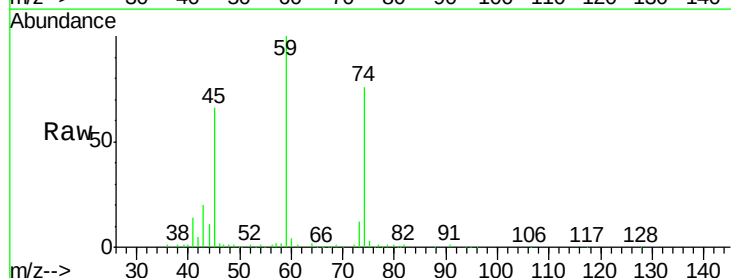
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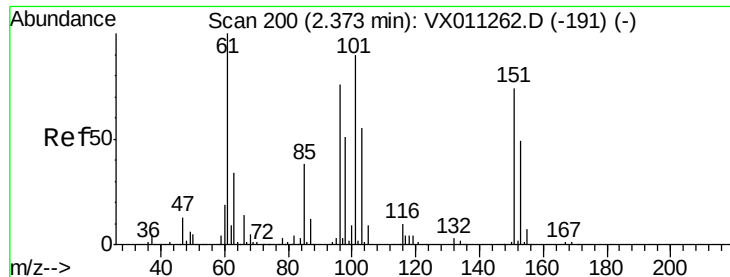


#8

Diethyl Ether
Concen: 18.722 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	18160		
45	87.6	46.1	138.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.000 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

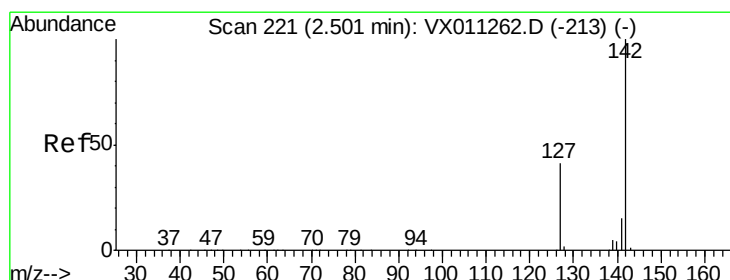
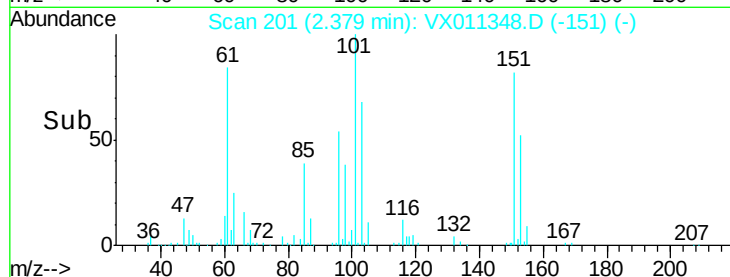
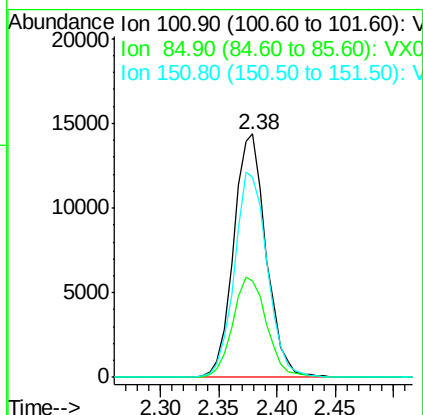
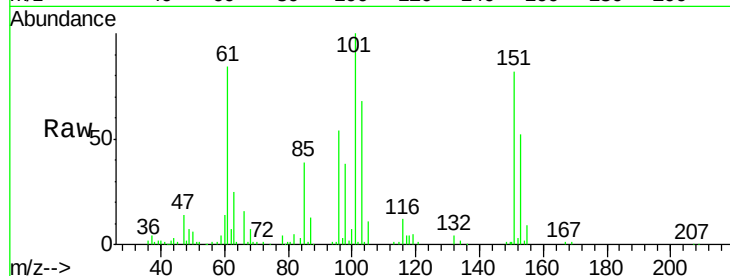
ClientSampleId :

VX0806WBSD01

Tot Ion:	101	Resp:	27928
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.8	50.6
151	85.5	69.5	104.3

Manual Integrations
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8/7/2019 11:25:41 AM



#10

Methyl Iodide

Concen: 17.309 ug/l

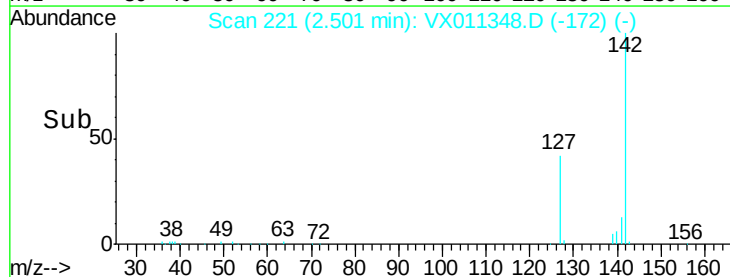
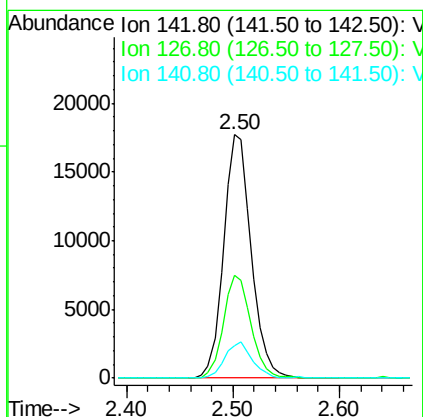
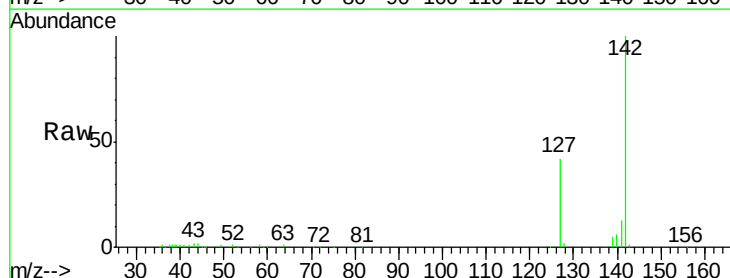
RT: 2.50 min Scan# 221

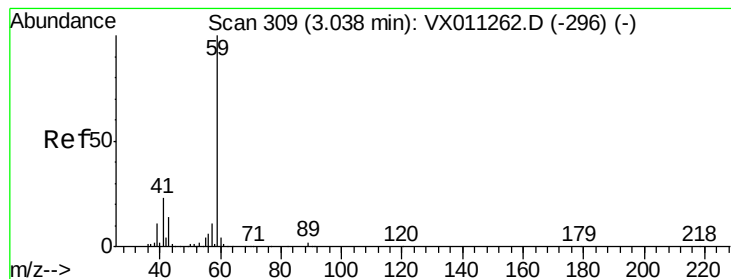
Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion:	142	Resp:	32075
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.8	50.8
141	14.5	11.4	17.2





#11

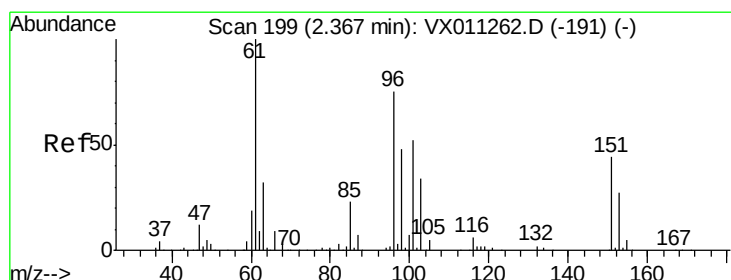
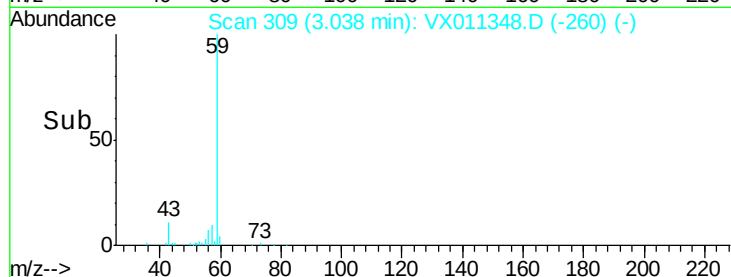
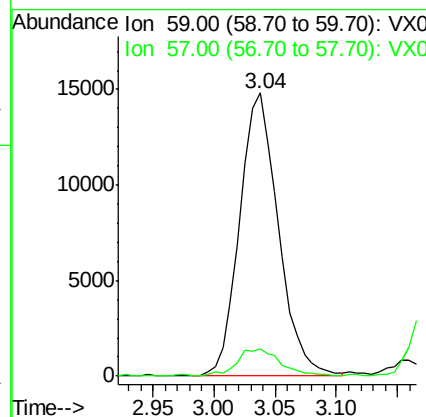
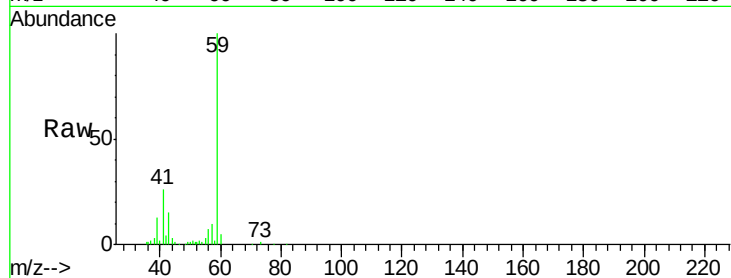
Tert butyl alcohol
Concen: 101.432 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	59	Resp	32615
Ion Ratio	100	Lower	Upper
57	10.9	8.3	12.5

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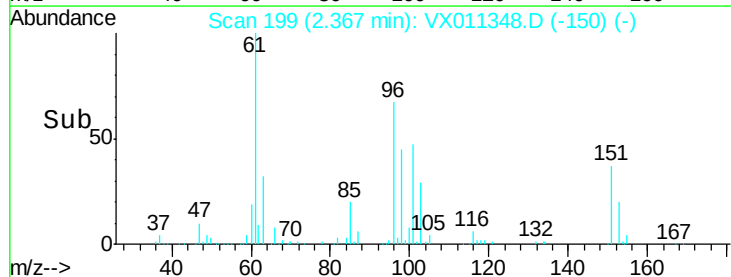
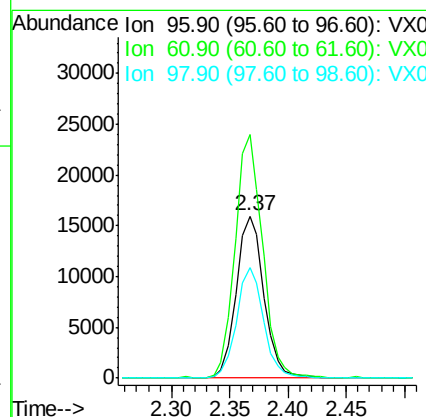
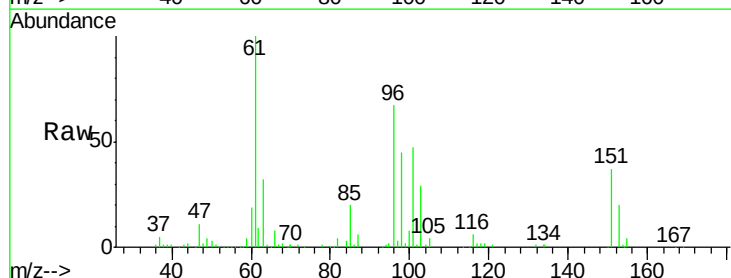
MMDadoda
8/7/2019 11:25:41 AM

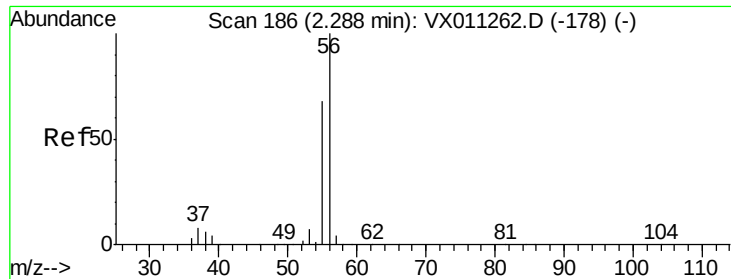


#12

1,1-Dichloroethene
Concen: 18.155 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion	96	Resp	26453
Ion Ratio	100	Lower	Upper
61	150.3	106.2	159.2
98	68.0	50.6	75.8





#13

Acrolein

Concen: 68.855 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0806WBSD01

Tot Ion: 56 Resp: 13822

Ion Ratio Lower Upper

56 100

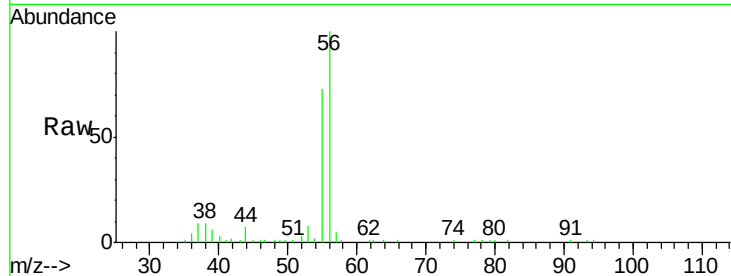
55 69.3 56.0 84.0

Manual Integrations

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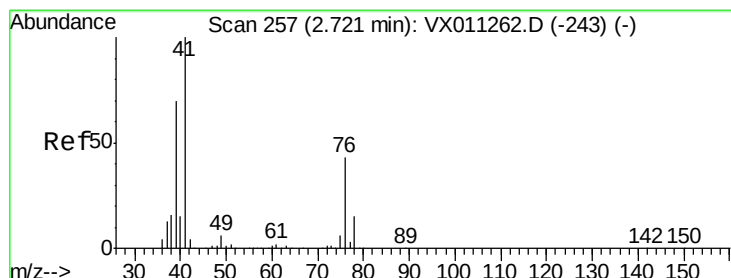
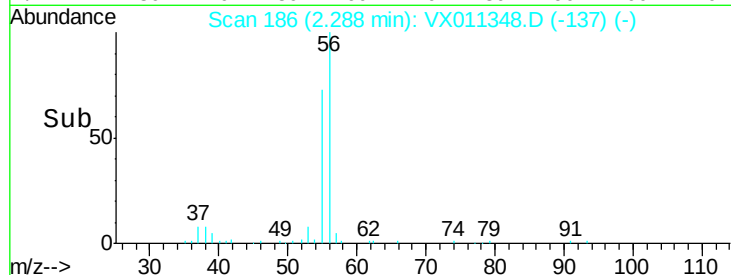
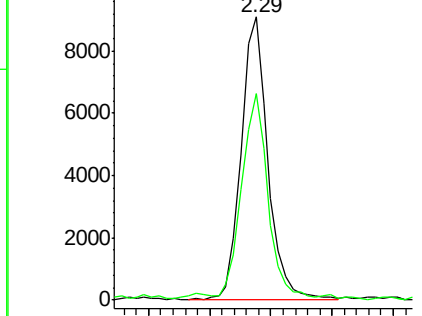
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.162 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

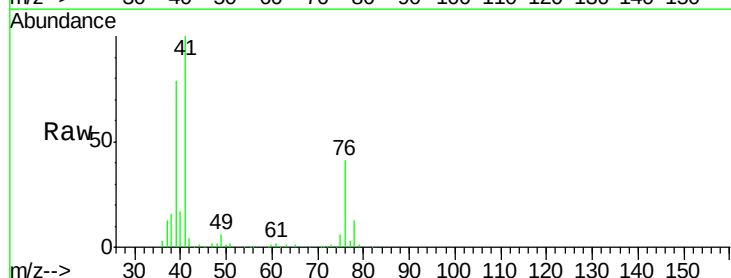
Tgt Ion: 41 Resp: 39164

Ion Ratio Lower Upper

41 100

39 68.3 52.8 79.2

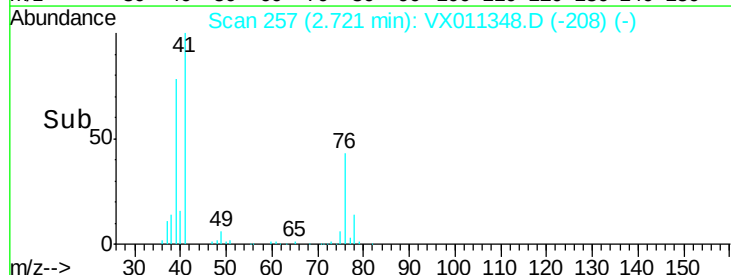
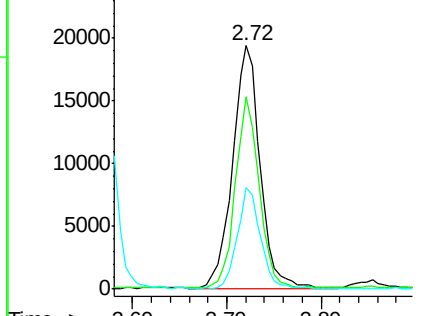
76 35.4 31.1 46.7

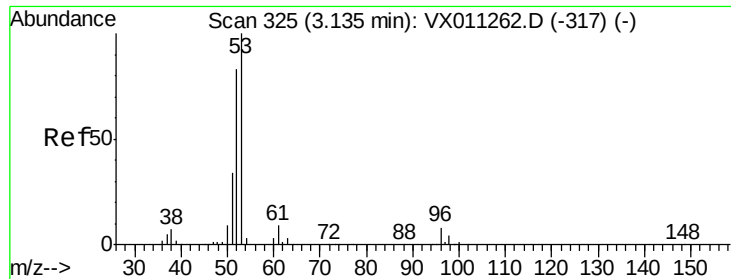


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 101.572 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

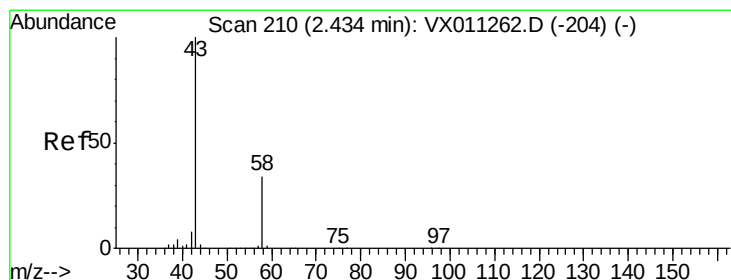
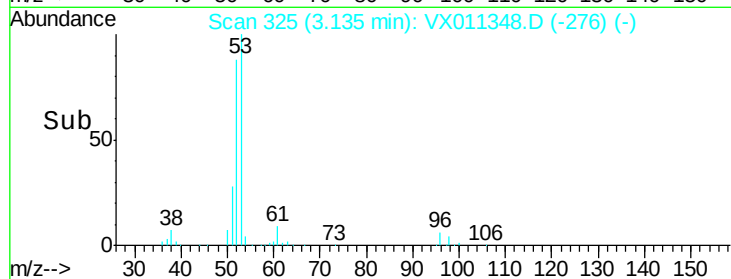
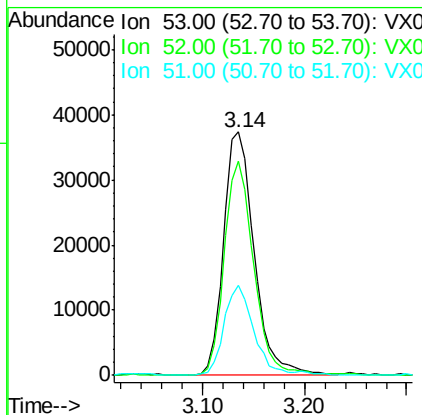
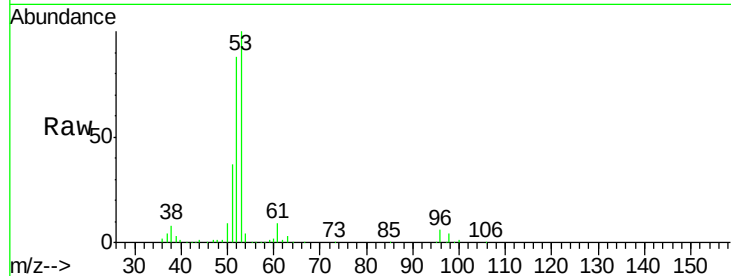
ClientSampleId :

VX0806WBSD01

Tot Ion:	53	Resp:	77948
Ion	Ratio	Lower	Upper
53	100		
52	84.0	65.5	98.3
51	36.0	27.9	41.9

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#16

Acetone

Concen: 100.349 ug/l

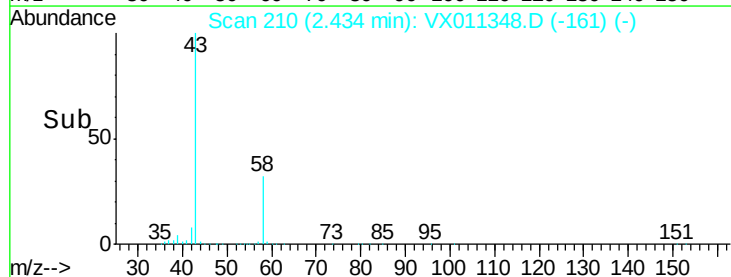
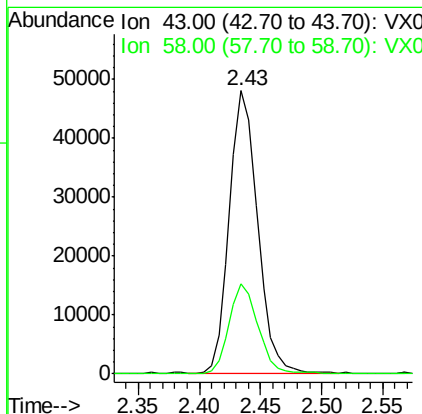
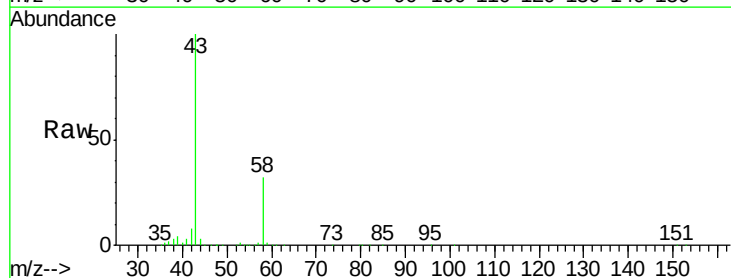
RT: 2.43 min Scan# 210

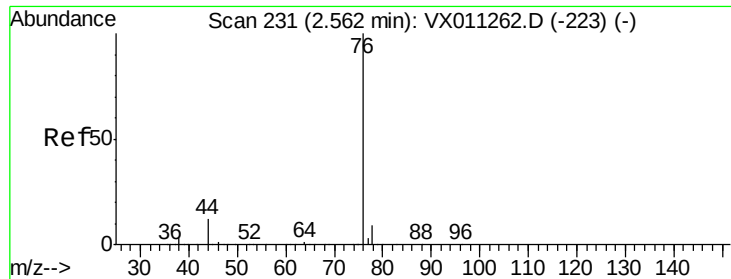
Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion:	43	Resp:	77030
Ion	Ratio	Lower	Upper
43	100		
58	32.0	27.4	41.0





#17

Carbon Disulfide

Concen: 17.354 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 76 Resp: 59335

Ion Ratio Lower Upper

76 100

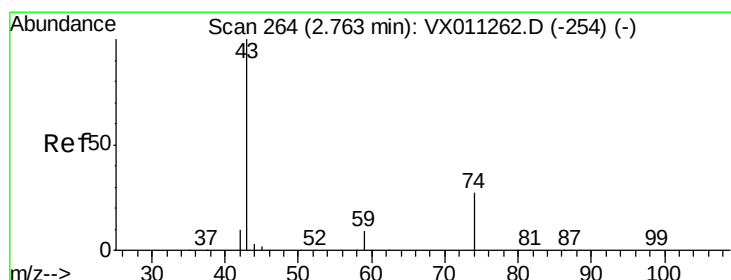
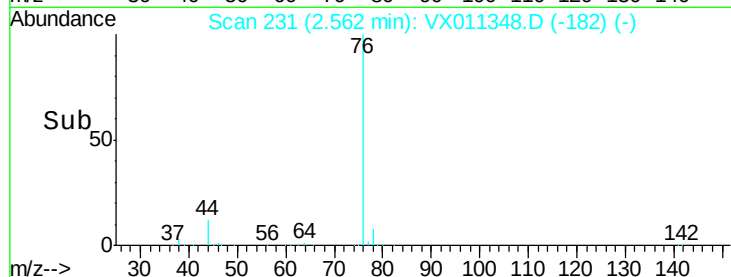
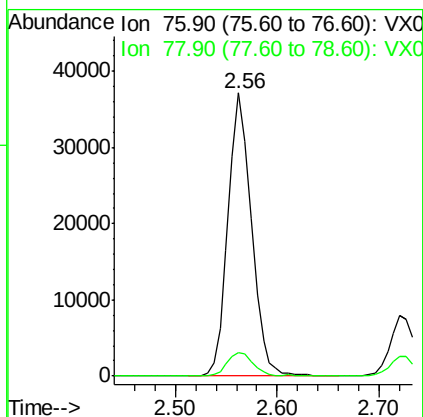
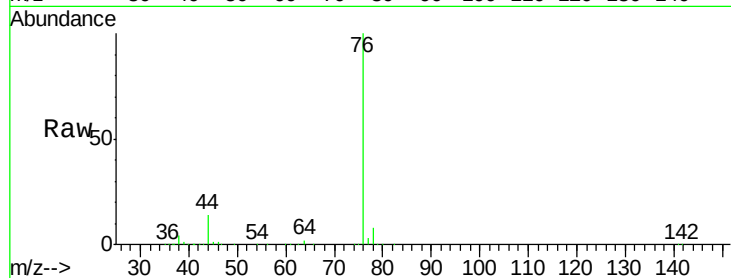
78 8.3 7.4 11.0

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#18

Methyl Acetate

Concen: 20.248 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011348.D

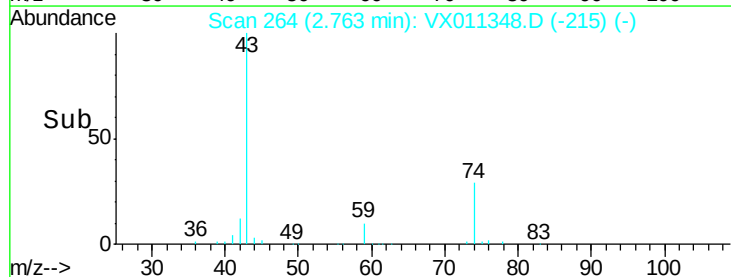
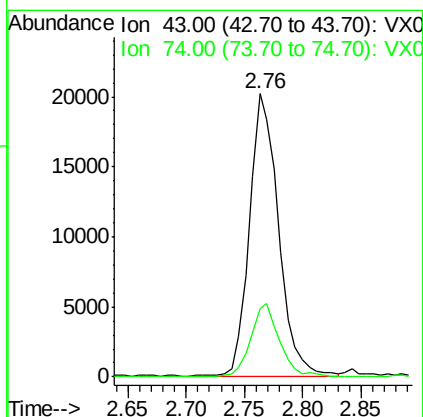
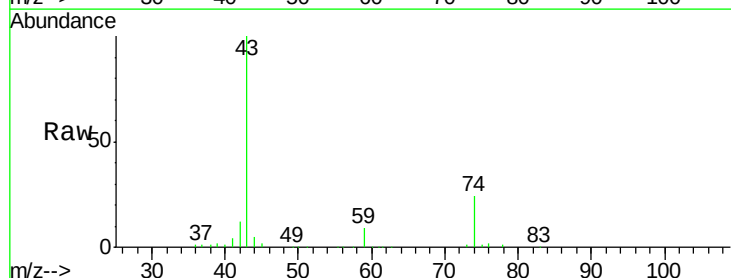
Acq: 06 Aug 2019 13:04

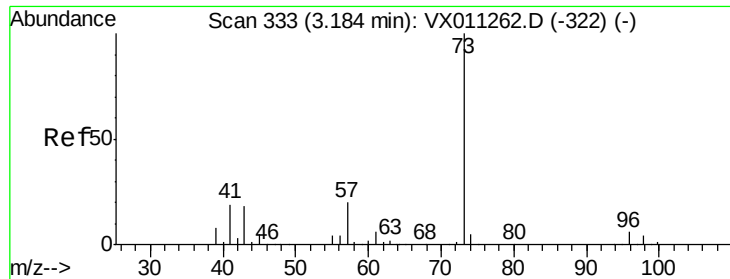
Tgt Ion: 43 Resp: 35520

Ion Ratio Lower Upper

43 100

74 25.3 21.0 31.6





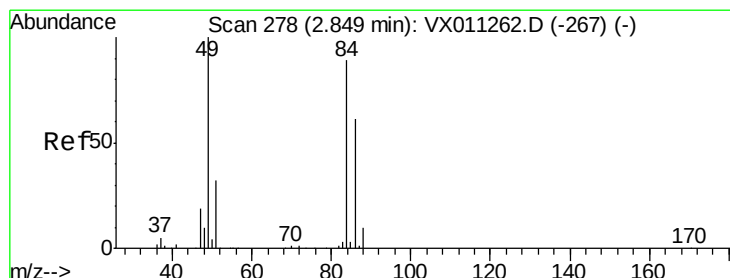
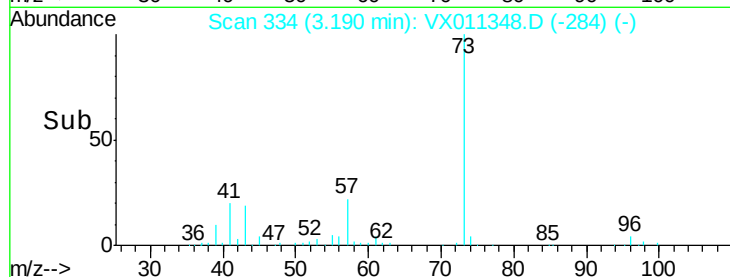
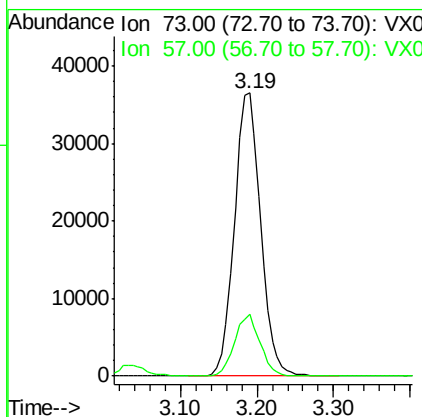
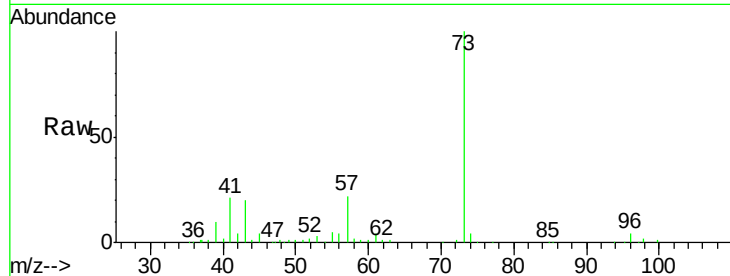
#19
Methyl tert-butyl Ether
Concen: 20.181 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion: 73 Resp: 86654
Ion Ratio Lower Upper
73 100
57 21.7 16.2 24.2

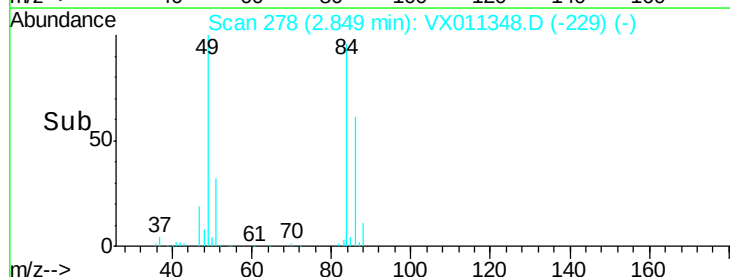
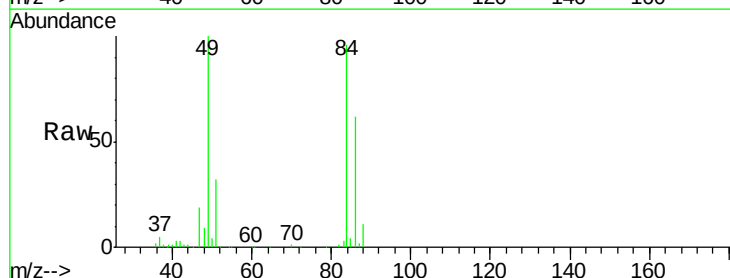
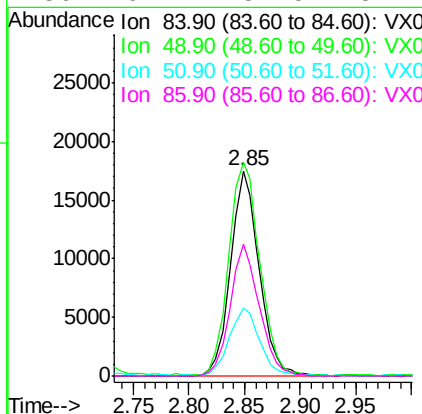
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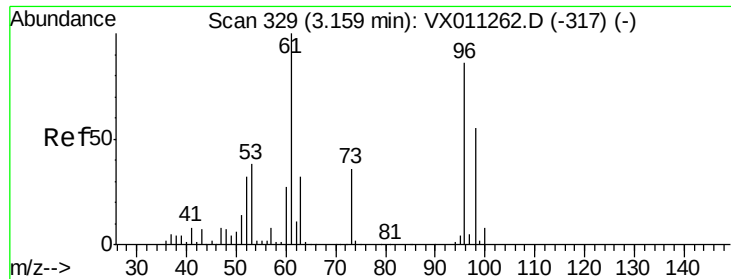
MMDadoda
8/7/2019 11:25:41 AM



#20
Methylene Chloride
Concen: 18.489 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion: 84 Resp: 31083
Ion Ratio Lower Upper
84 100
49 103.5 89.3 133.9
51 32.6 28.3 42.5
86 64.1 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 19.094 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

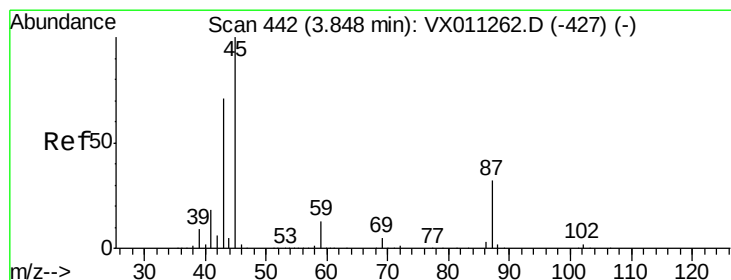
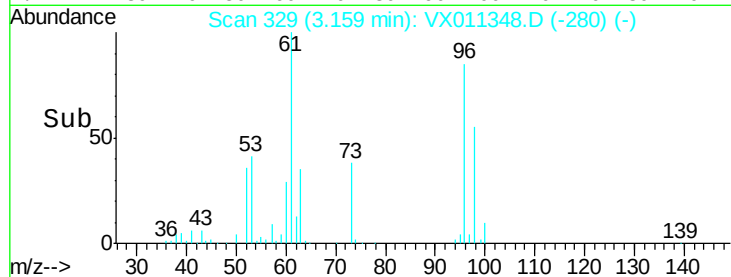
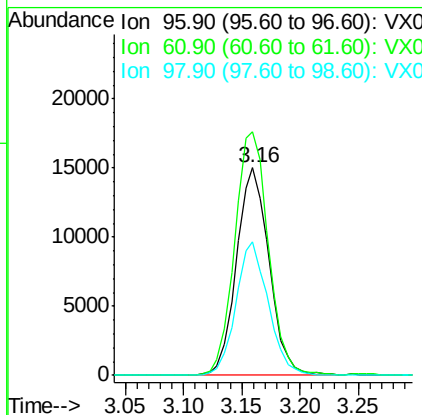
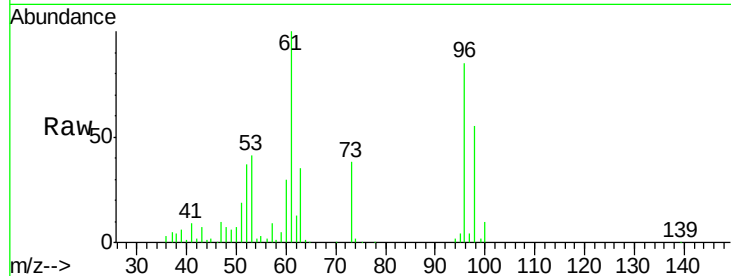
ClientSampleId :

VX0806WBSD01

Tot Ion:	96	Resp:	29430
Ion	Ratio	Lower	Upper
96	100		
61	117.3	92.8	139.2
98	64.1	51.2	76.8

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#22

Diisopropyl ether

Concen: 19.635 ug/l

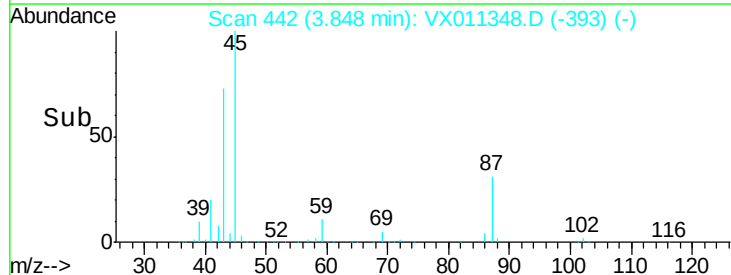
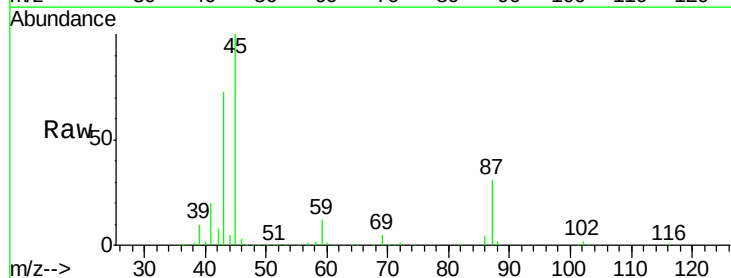
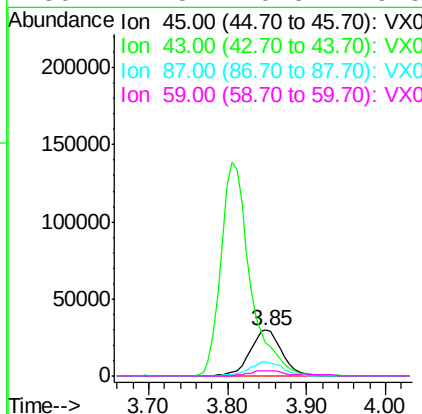
RT: 3.85 min Scan# 442

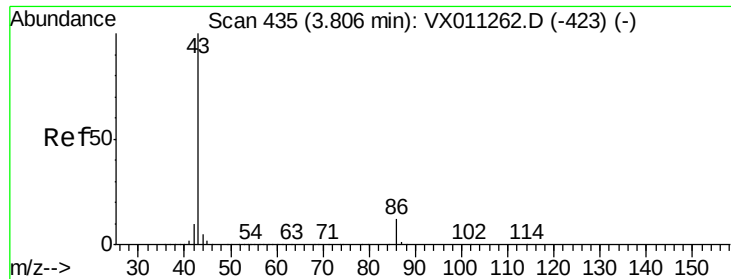
Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion:	45	Resp:	83822
Ion	Ratio	Lower	Upper
45	100		
43	72.7	56.8	85.2
87	31.3	25.8	38.6
59	11.3	10.3	15.5





#23

Vinyl Acetate

Concen: 101.777 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 43 Resp: 360374

Ion Ratio Lower Upper

43 100

86 12.5

9.6

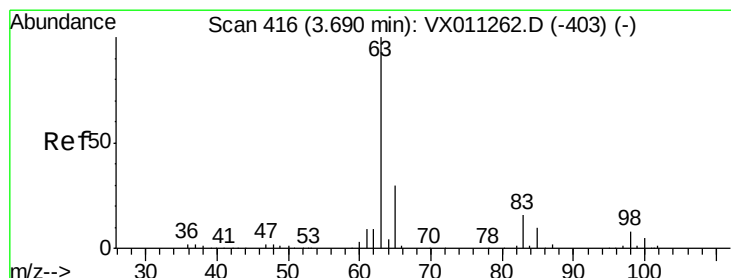
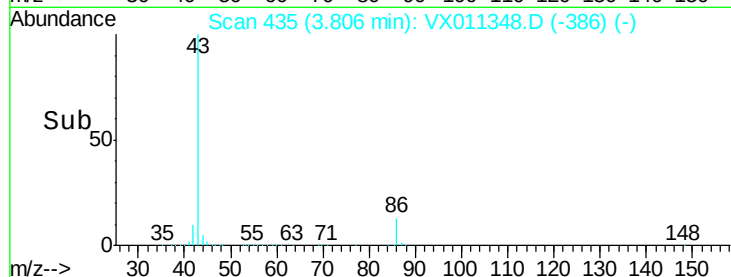
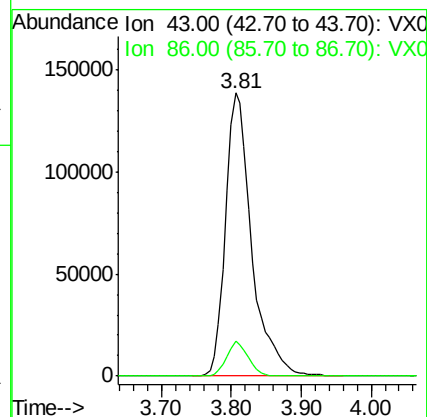
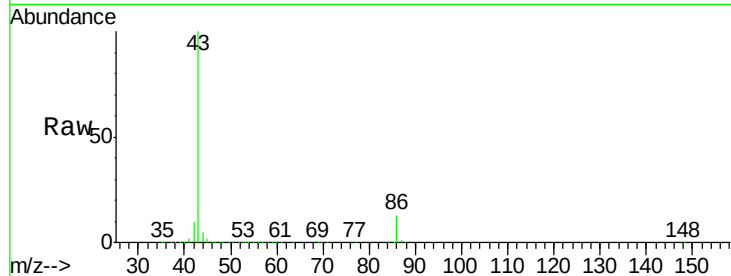
14.4

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#24

1,1-Dichloroethane

Concen: 19.510 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion: 63 Resp: 49113

Ion Ratio Lower Upper

63 100

98 8.3

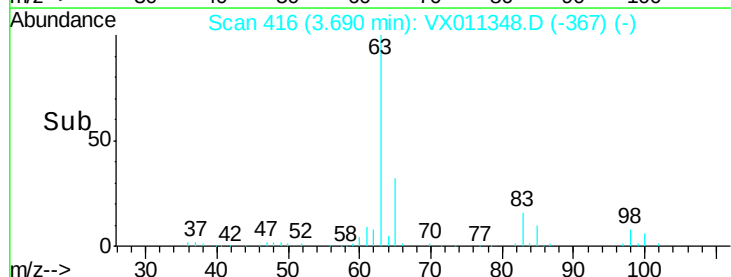
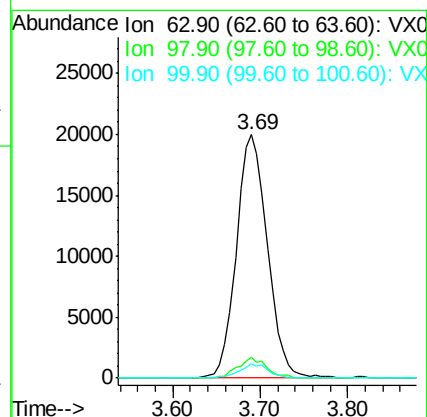
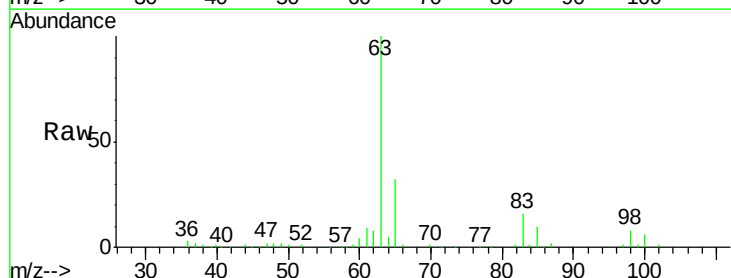
3.9

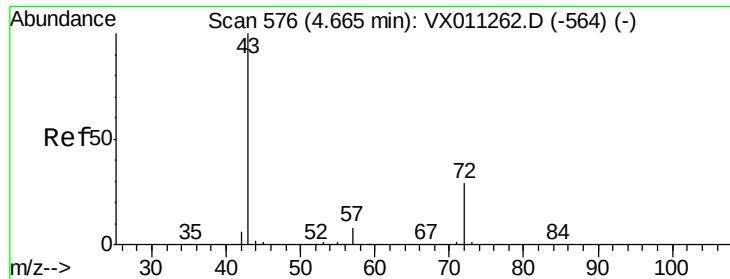
11.5

100 5.7

2.7

8.1





#25

2-Butanone

Concen: 101.538 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 43 Resp: 110874

Ion Ratio Lower Upper

43 100

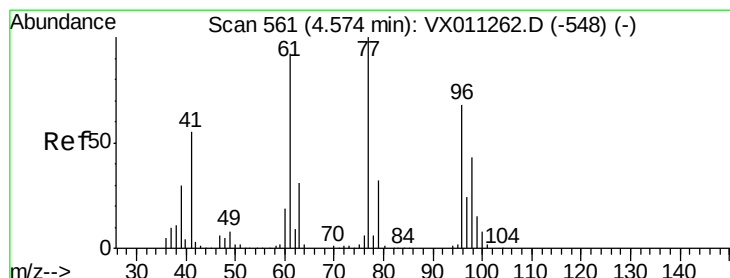
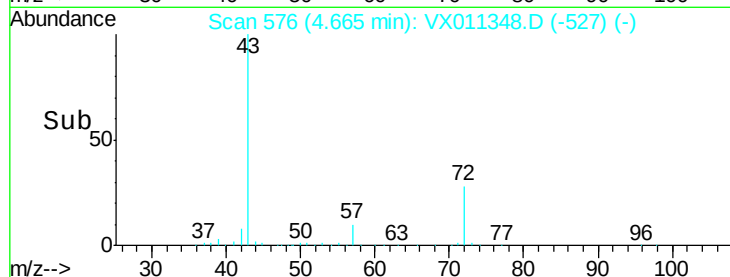
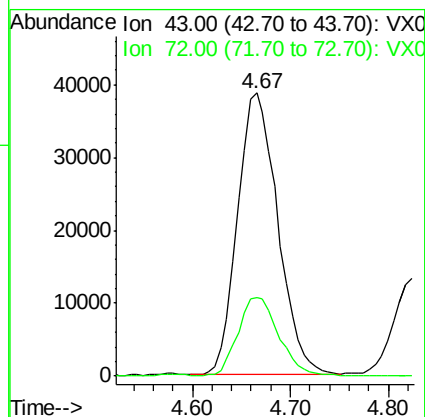
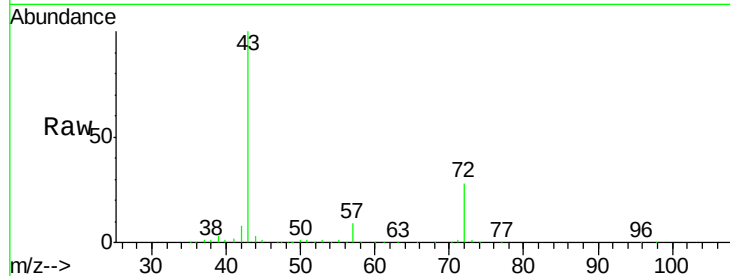
72 27.6 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.778 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011348.D

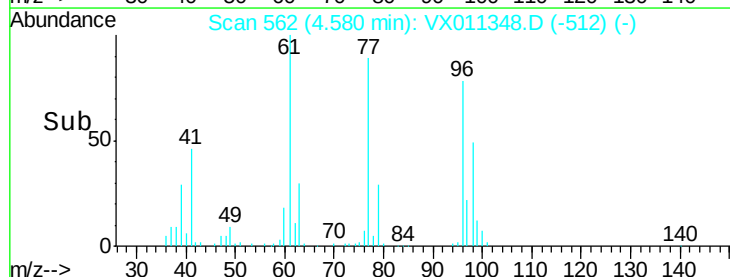
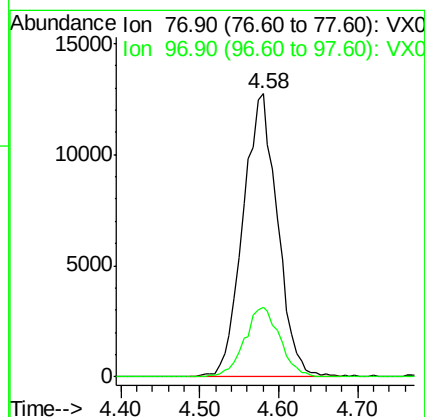
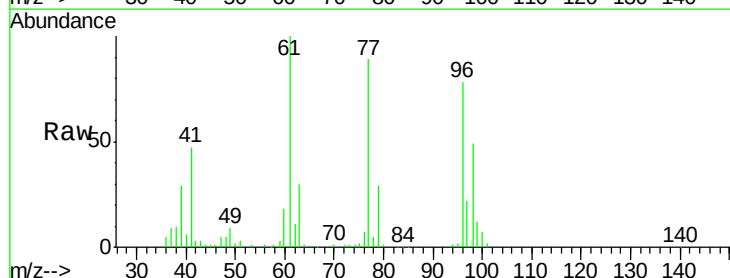
Acq: 06 Aug 2019 13:04

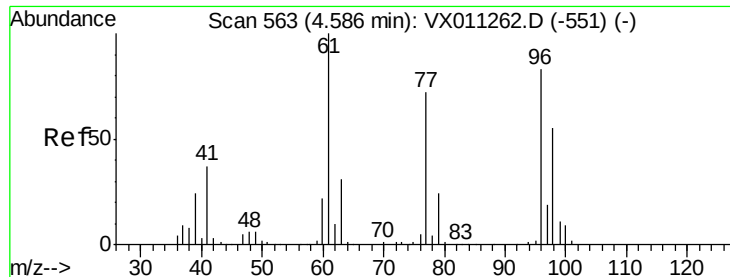
Tgt Ion: 77 Resp: 38703

Ion Ratio Lower Upper

77 100

97 25.1 12.8 38.4





#27

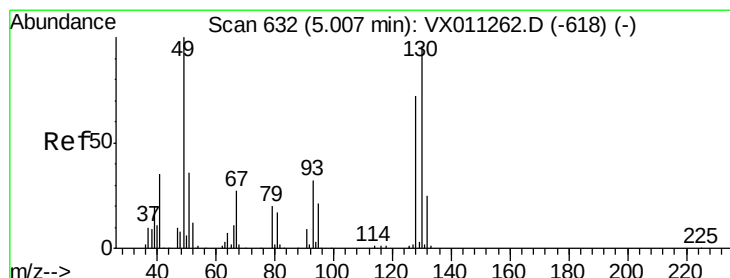
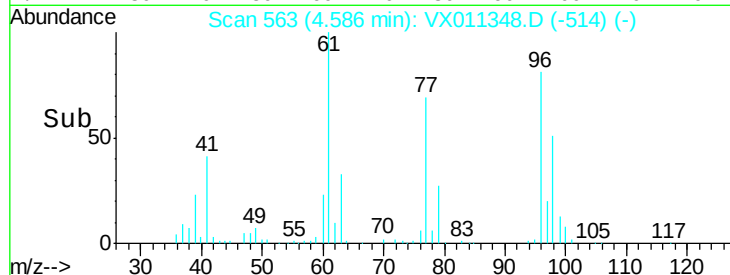
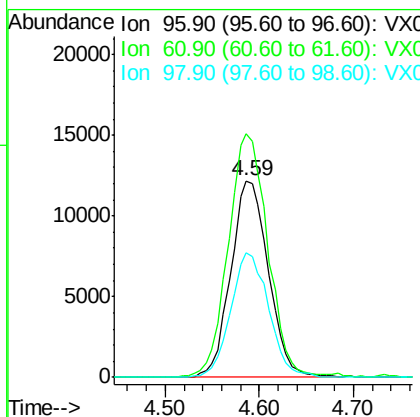
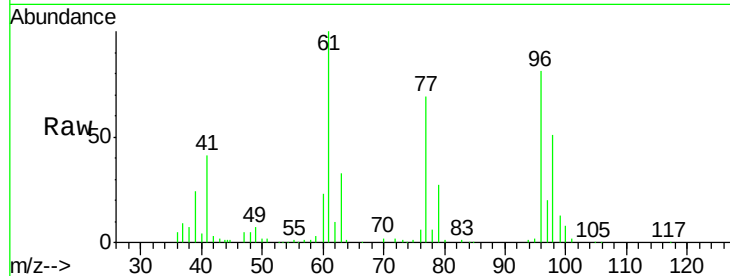
cis-1,2-Dichloroethene
Concen: 19.021 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	260.2
98	64.1	0.0	133.2

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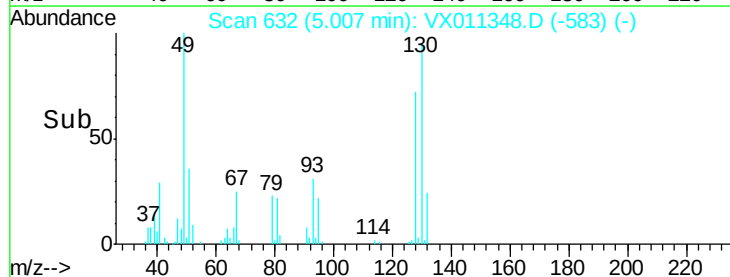
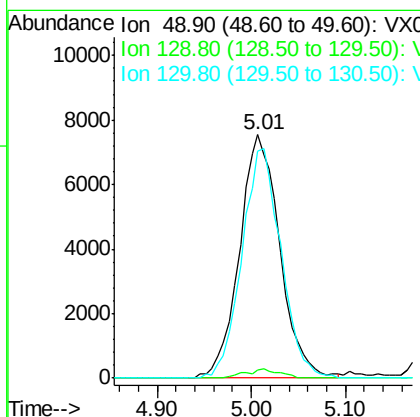
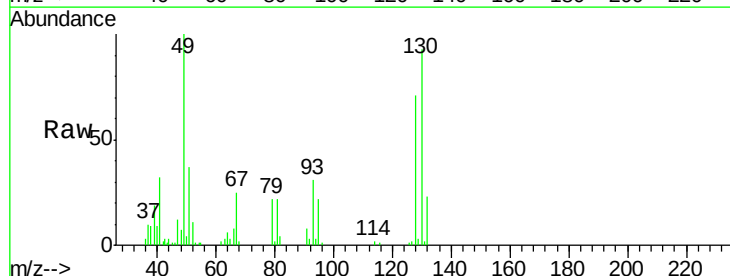
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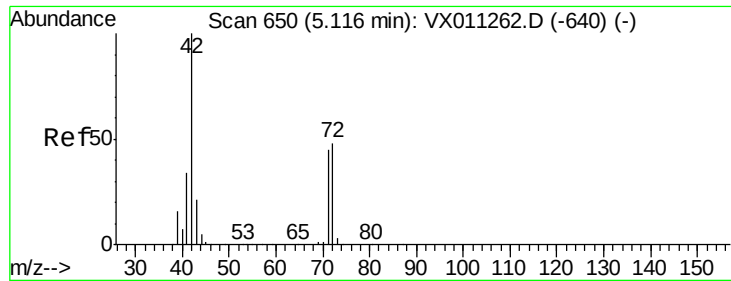


#28

Bromochloromethane
Concen: 19.713 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.8
130	91.3	77.9	116.9





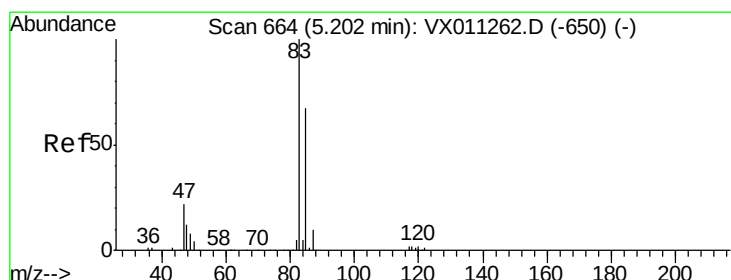
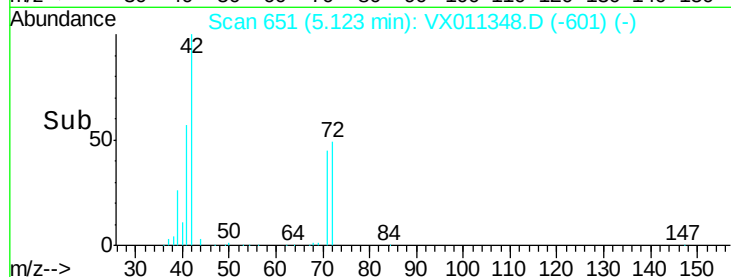
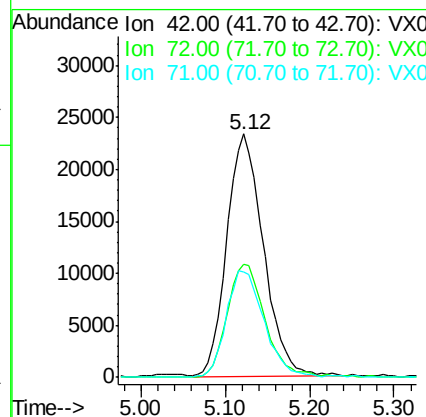
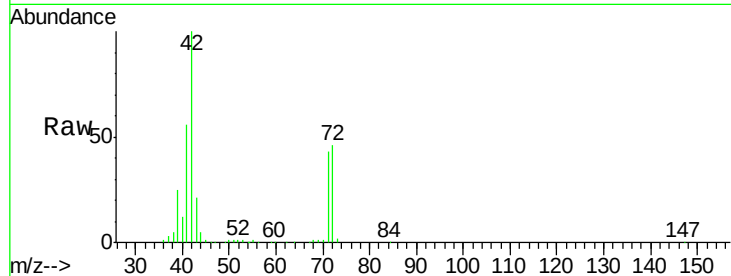
#29
Tetrahydrofuran
Concen: 103.268 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	39.9	59.9
71	45.4	36.9	55.3

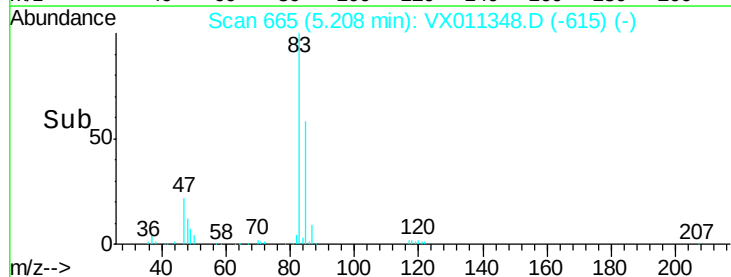
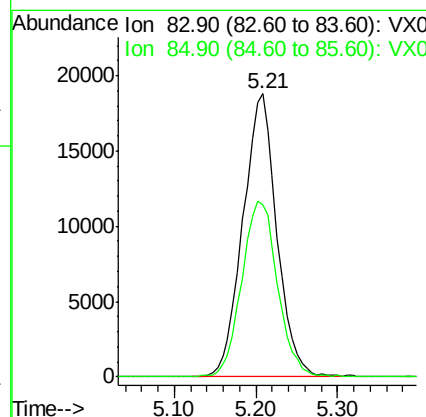
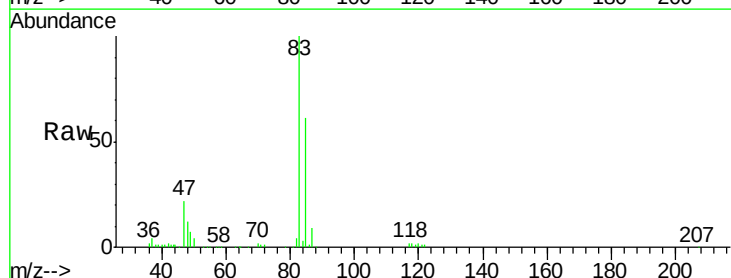
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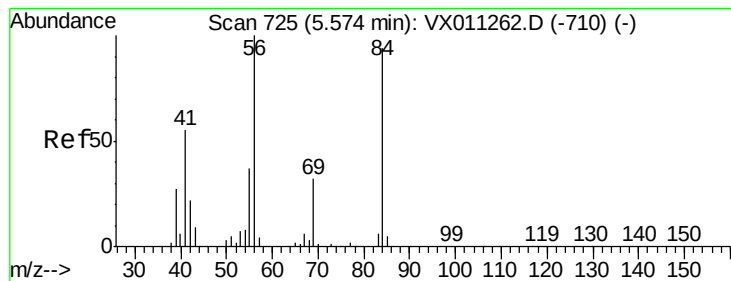
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#30
Chloroform
Concen: 19.830 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.01 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.6	53.4	80.0





#31

Cyclohexane

Concen: 18.165 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

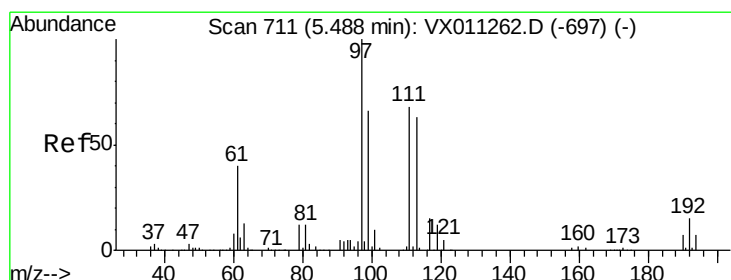
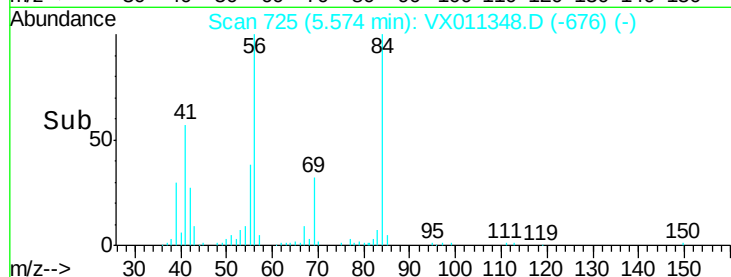
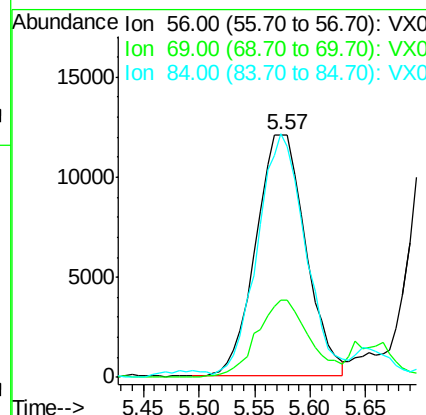
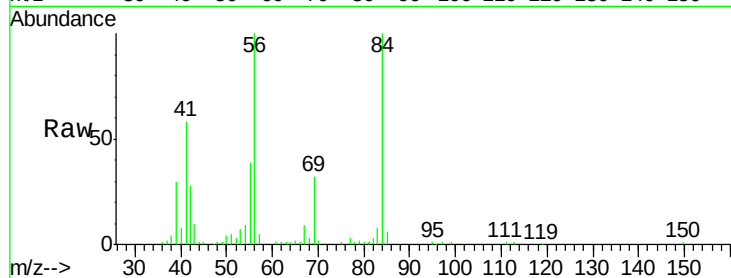
ClientSampleId :

VX0806WBSD01

Tot Ion:	56	Resp:	37726
Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.5	38.3
84	97.9	75.0	112.4

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#32

1,1,1-Trichloroethane

Concen: 19.342 ug/l

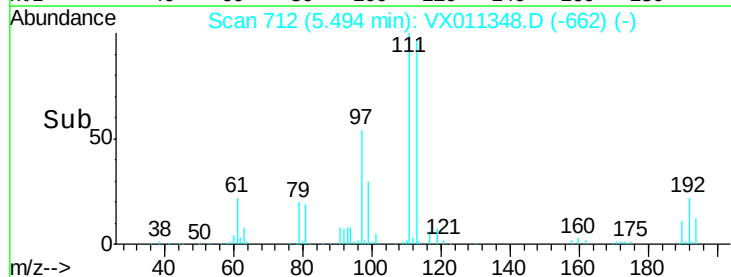
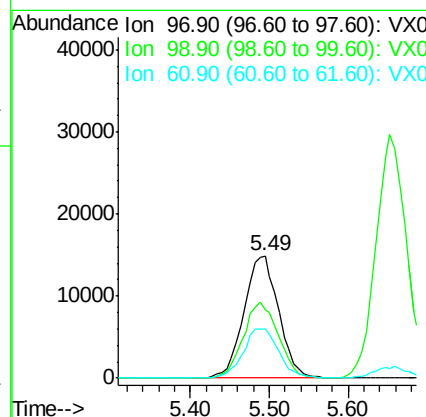
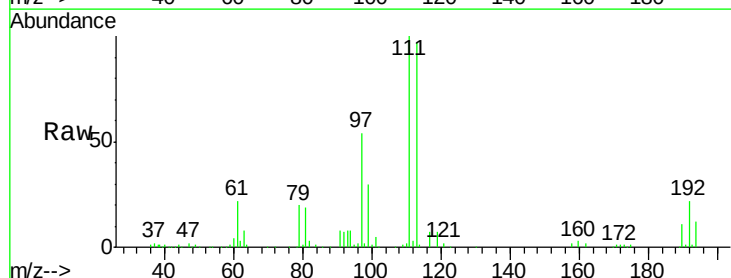
RT: 5.49 min Scan# 712

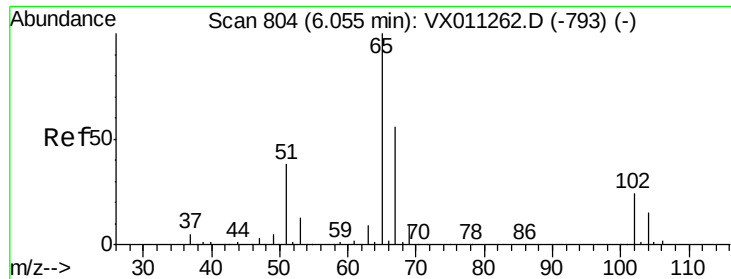
Delta R.T. 0.01 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion:	97	Resp:	45334
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.6	77.4
61	42.0	32.3	48.5





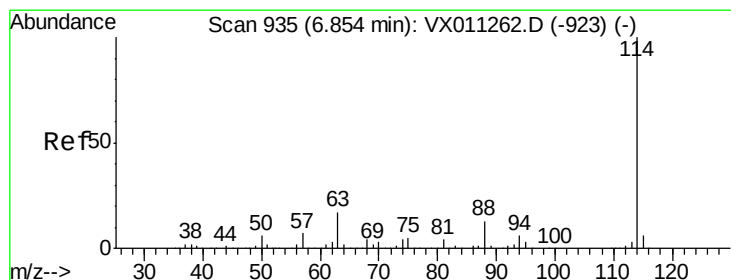
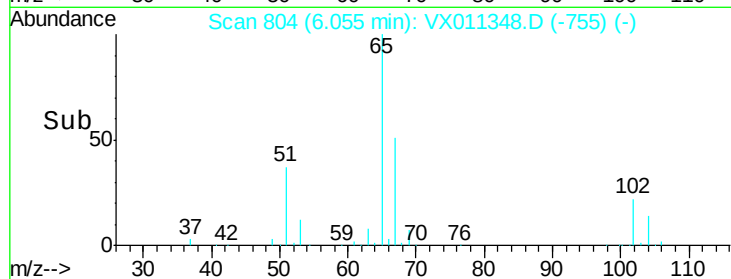
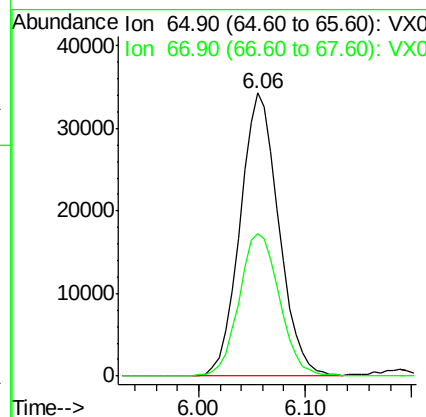
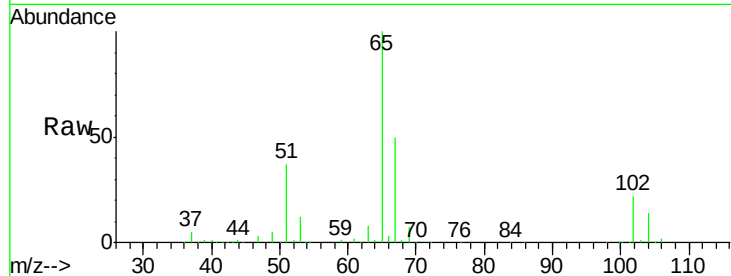
#33
 1,2-Dichloroethane-d4
 Concen: 54.268 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	110.6

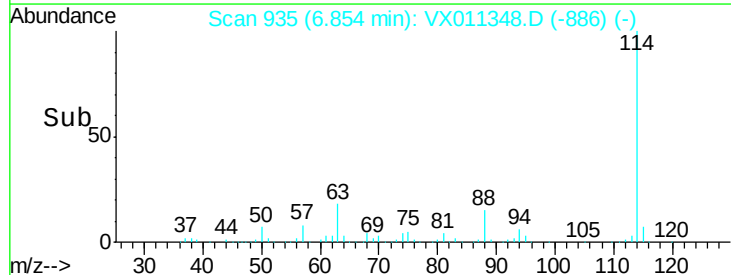
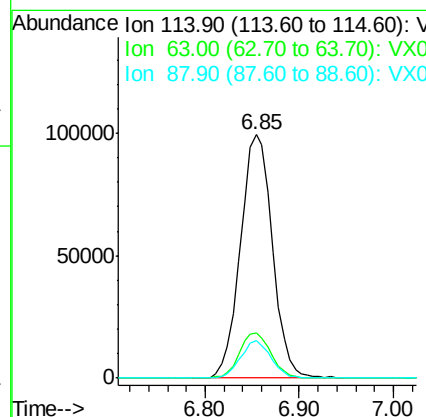
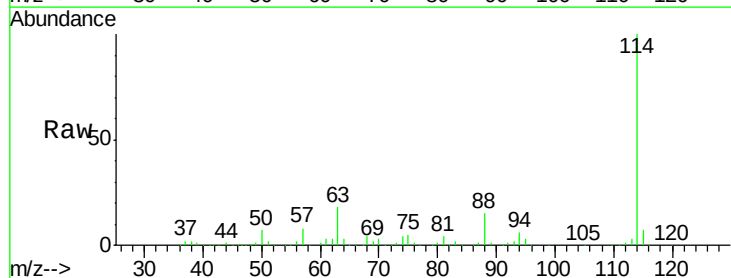
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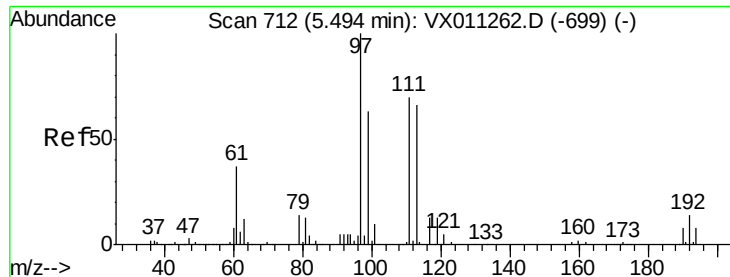
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.0
88	15.3	0.0	26.4





#35

Dibromofluoromethane

Concen: 50.054 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

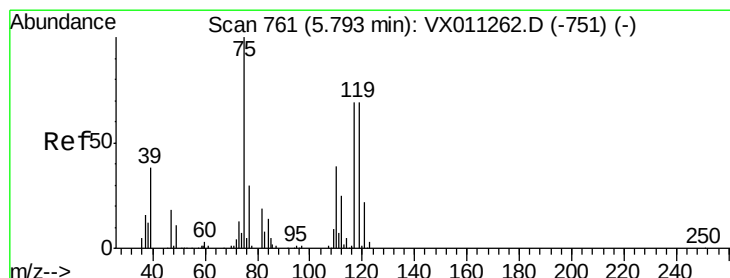
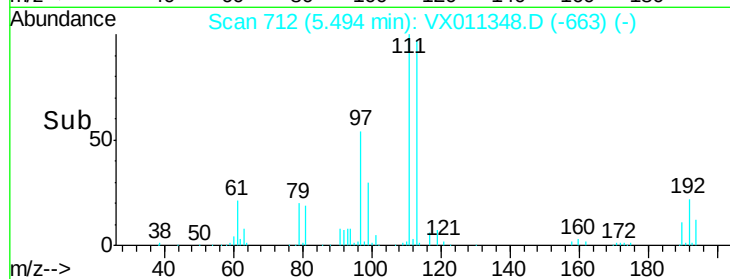
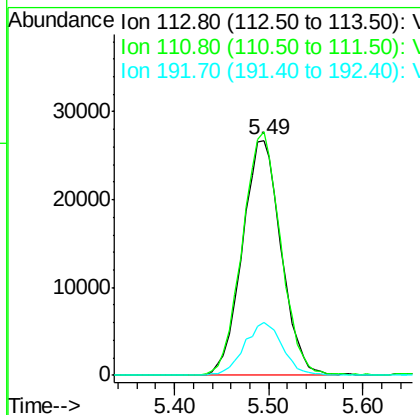
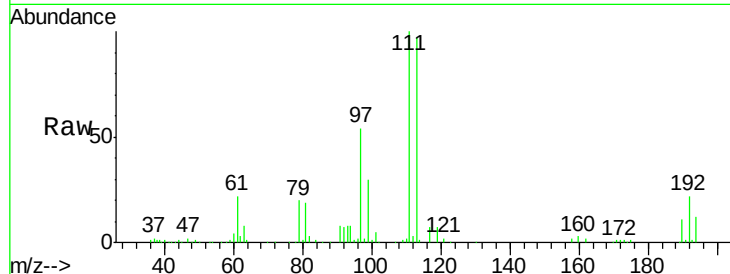
ClientSampled :

VX0806WBSD01

Tot Ion:	113	Resp:	76974
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	22.2	17.8	26.8

Manual Integrations
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8/7/2019 11:25:41 AM



#36

1,1-Dichloropropene

Concen: 18.905 ug/l

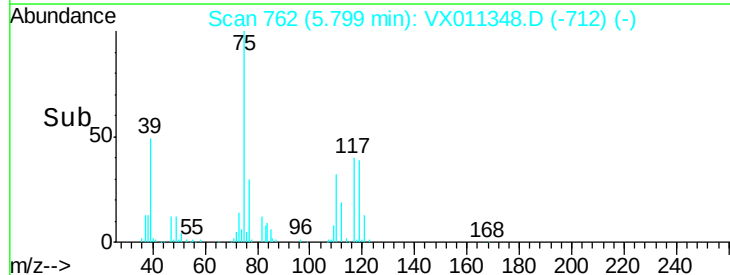
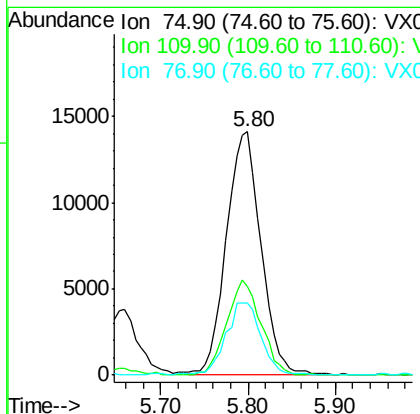
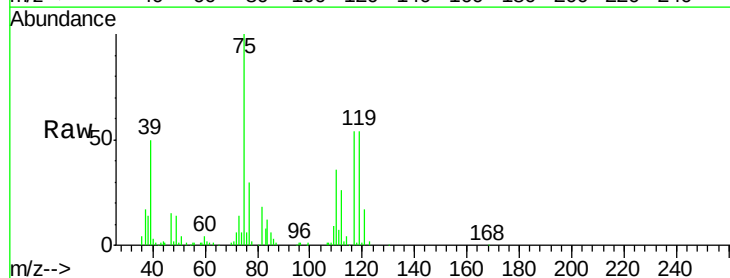
RT: 5.80 min Scan# 762

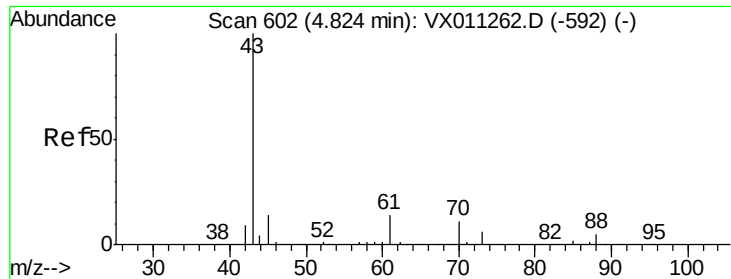
Delta R.T. 0.01 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion:	75	Resp:	38879
Ion	Ratio	Lower	Upper
75	100		
110	38.5	20.0	59.9
77	30.3	24.8	37.2





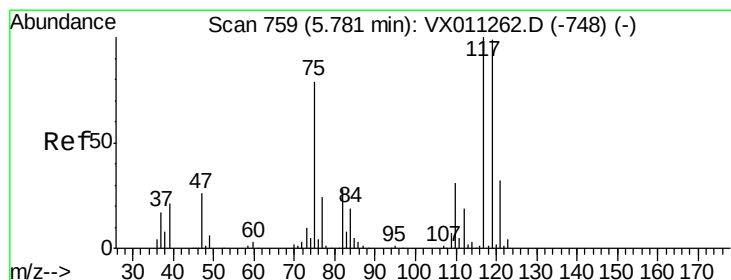
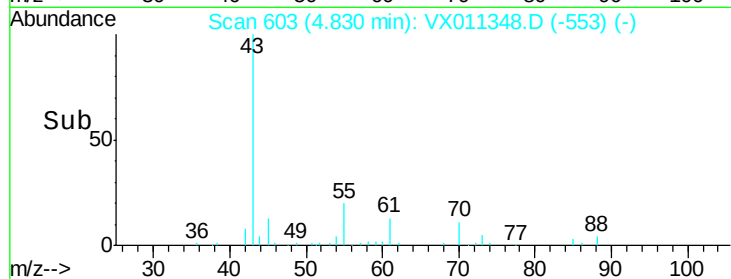
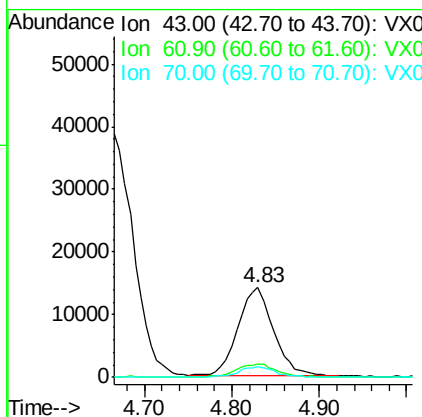
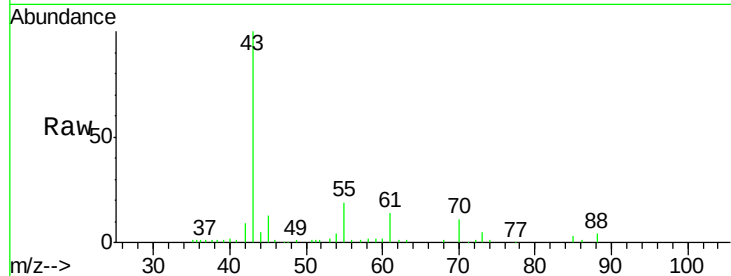
#37
Ethyl Acetate
Concen: 19.372 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampled :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.8	12.6	18.8
70	12.2	9.1	13.7

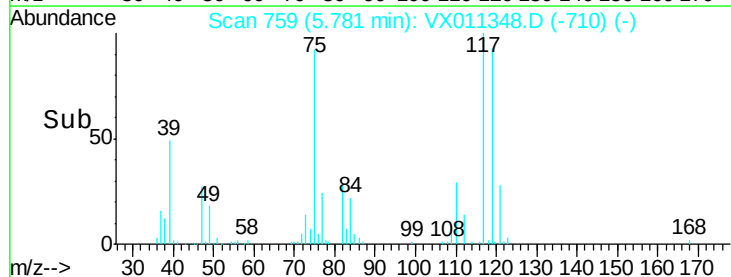
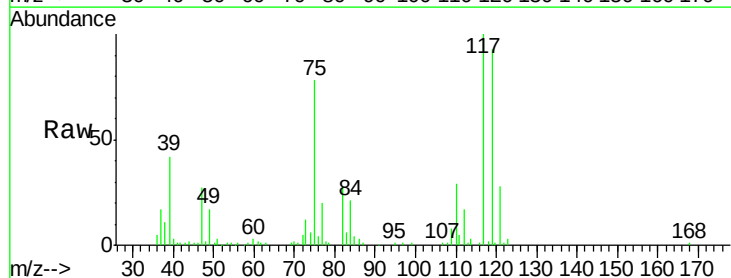
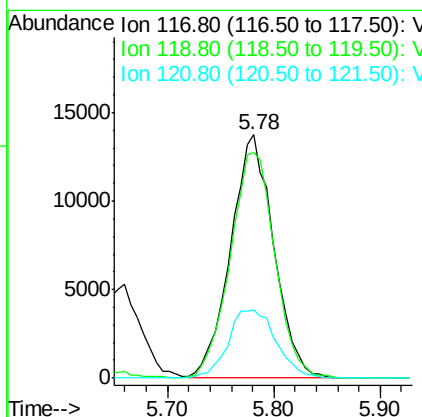
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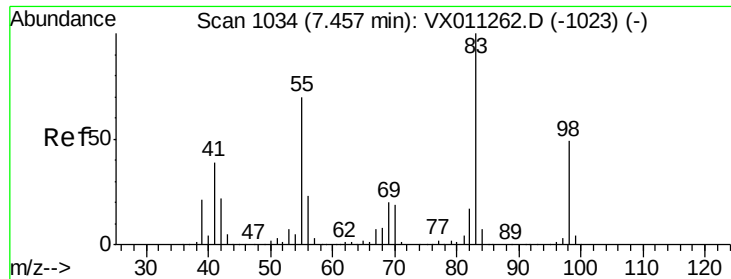
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.855 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	79.0	118.4
121	28.1	25.9	38.9





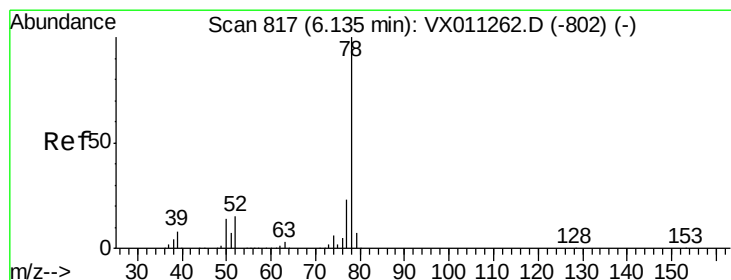
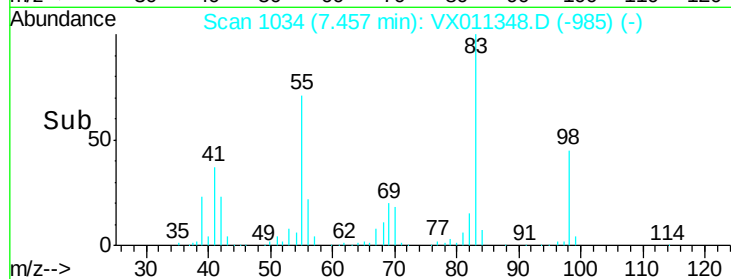
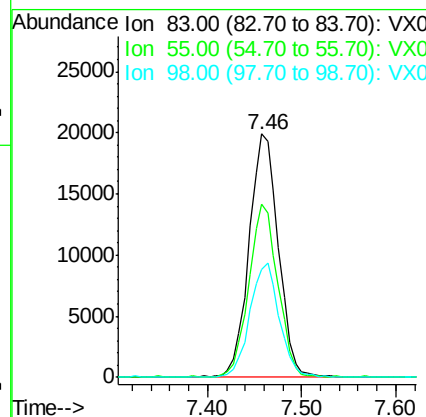
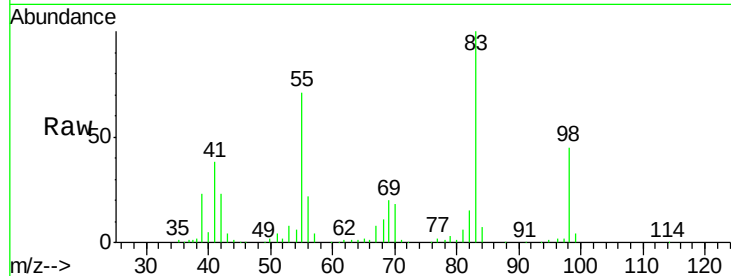
#39
Methylvlcyclohexane
Concen: 17.848 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	56.1	84.1
98	44.5	39.0	58.4

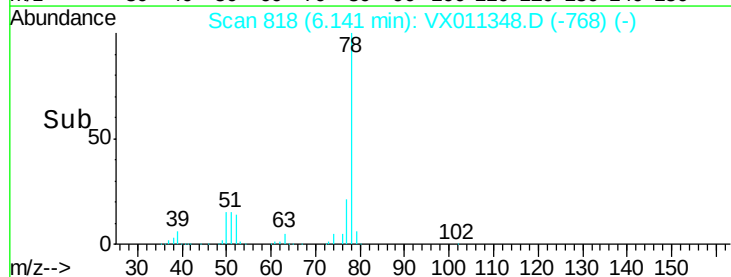
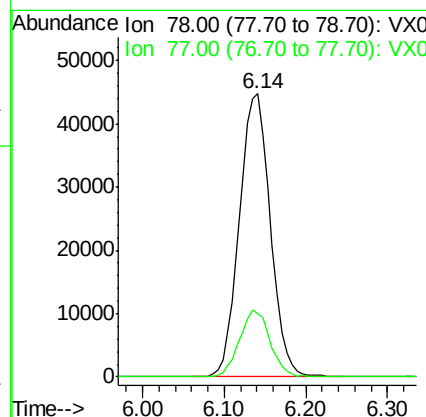
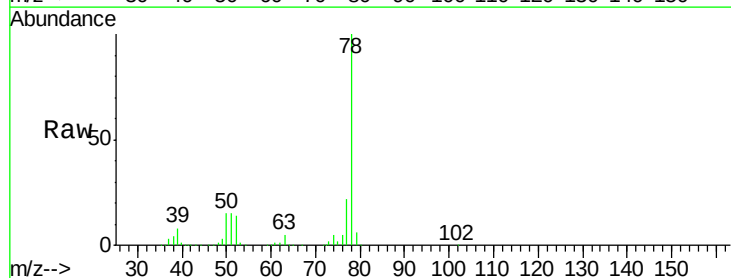
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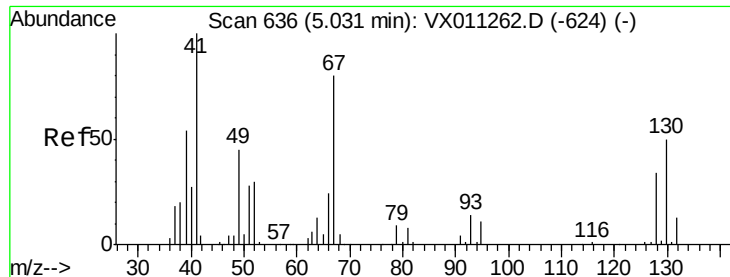
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#40
Benzene
Concen: 19.157 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.2	27.2





#41

Methacrylonitrile

Concen: 19.738 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

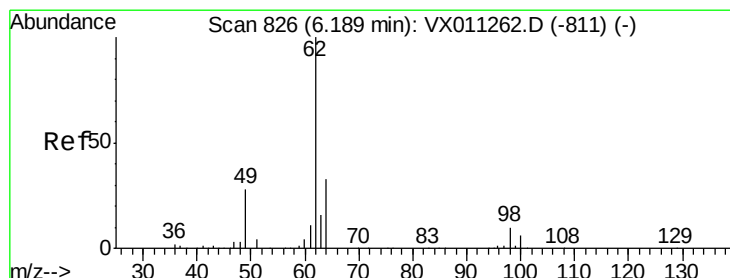
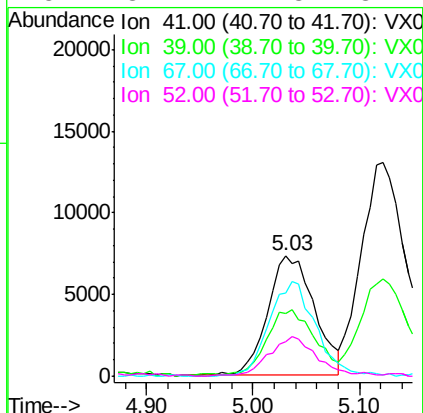
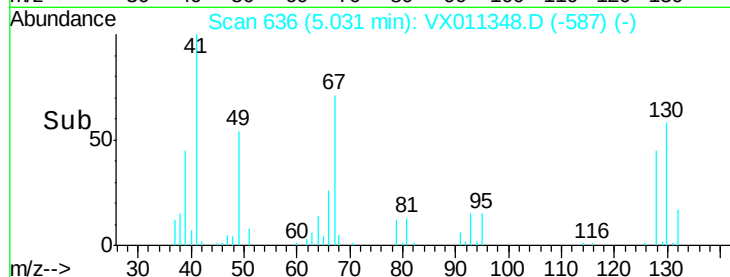
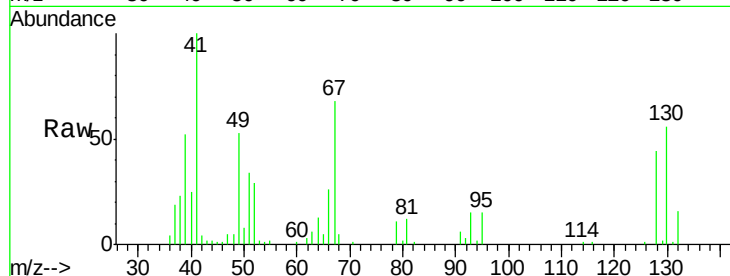
ClientSampleId :

VX0806WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
22237	41	100		
	39	57.0	43.0	64.6
	67	79.1	65.1	97.7
	52	34.2	24.8	37.2

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#42

1,2-Dichloroethane

Concen: 20.491 ug/l

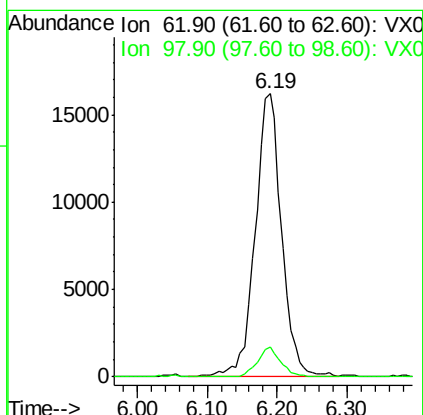
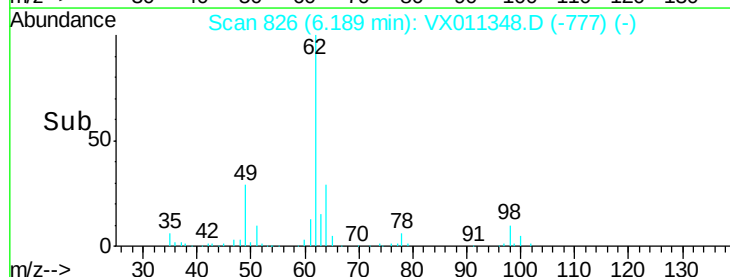
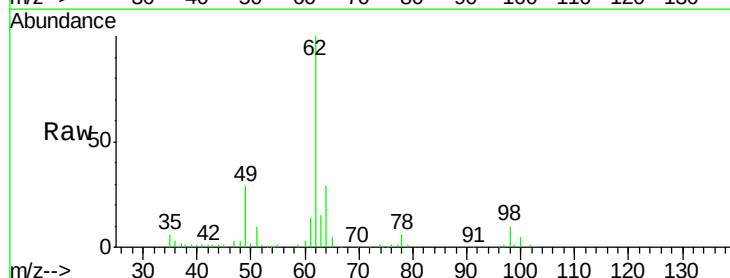
RT: 6.19 min Scan# 826

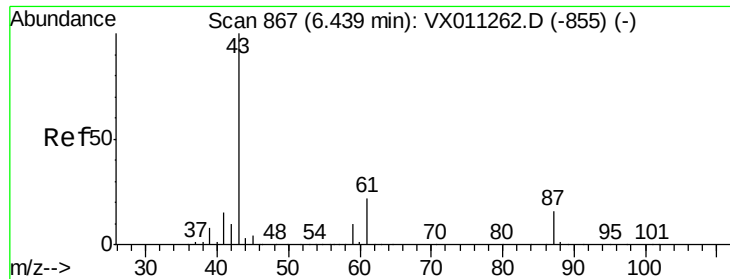
Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion	Ion	Ratio	Lower	Upper
42523	62	100		
	98	9.3	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.216 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

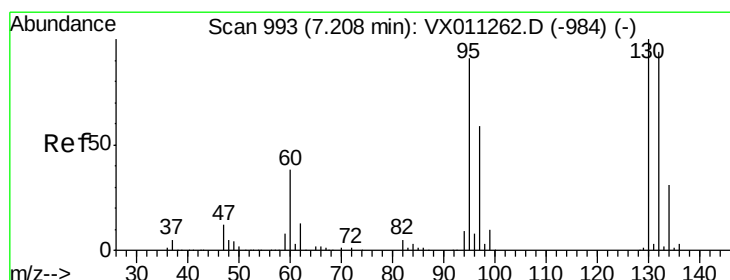
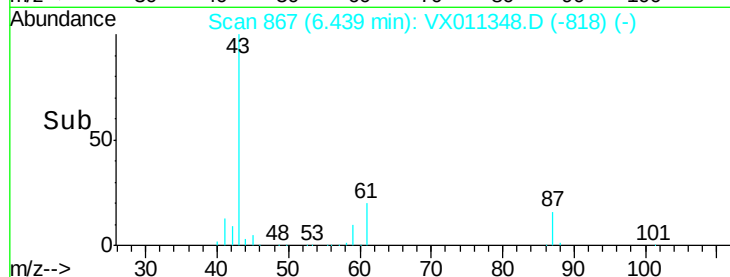
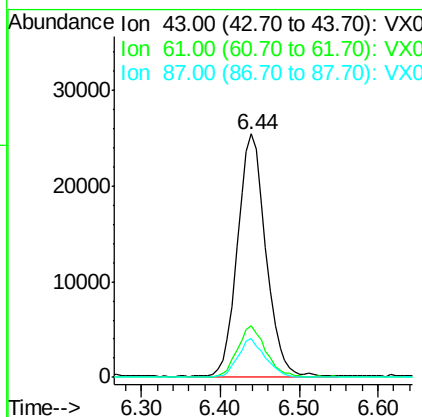
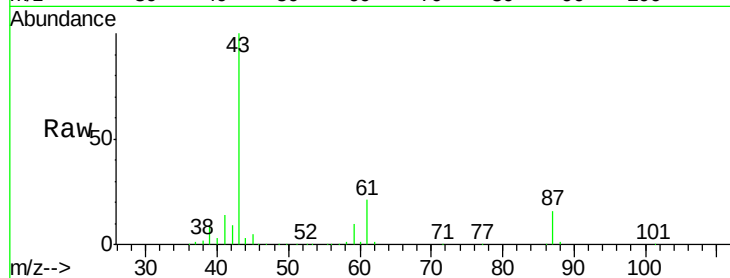
ClientSampled :

VX0806WBSD01

Tot Ion:	43	Resp:	63376
Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.5	24.7
87	15.5	12.1	18.1

Manual Integrations
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#44

Trichloroethene

Concen: 18.647 ug/l

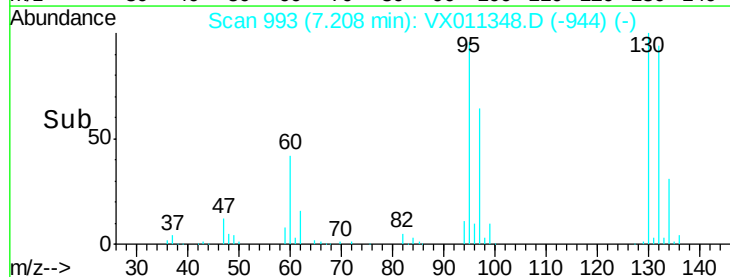
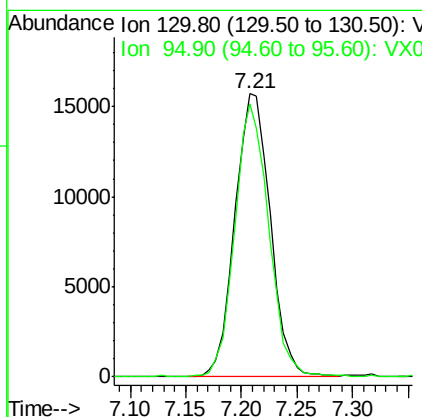
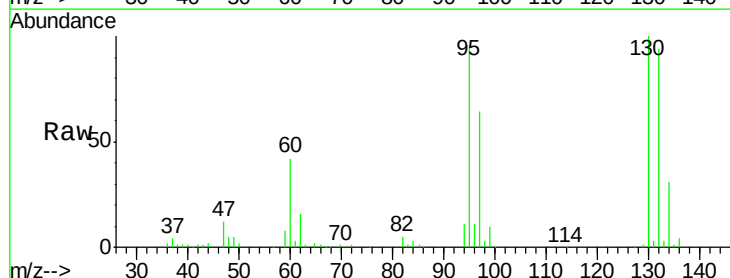
RT: 7.21 min Scan# 993

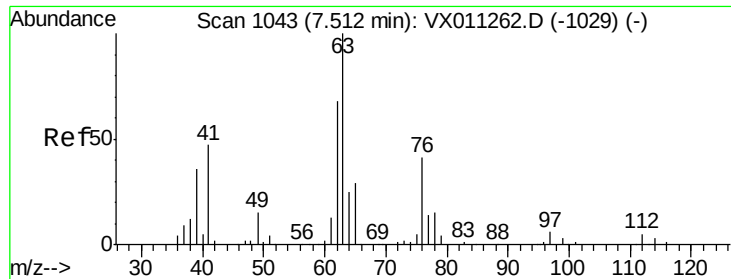
Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion:	130	Resp:	34637
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	182.6





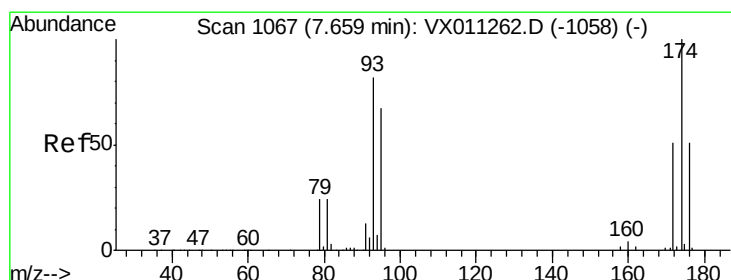
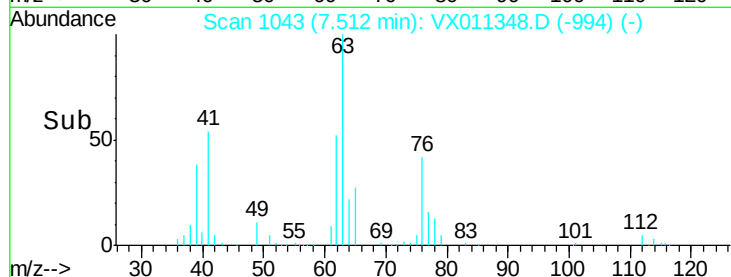
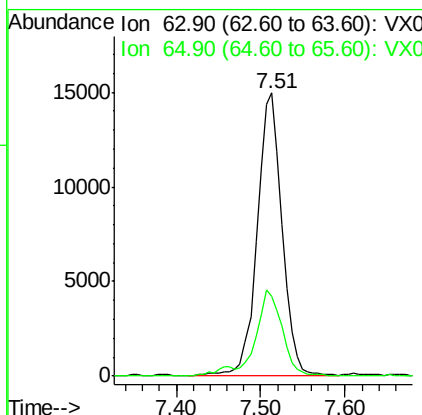
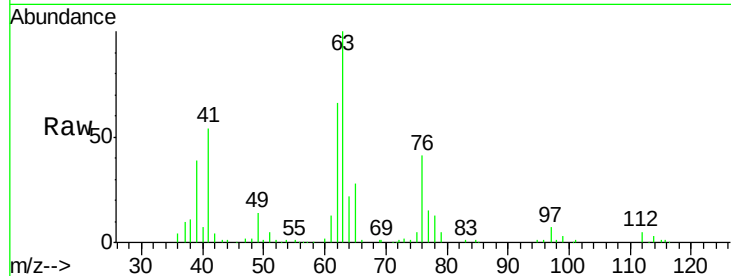
#45
 1,2-Dichloropropane
 Concen: 19.282 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion: 63 Resp: 30645
 Ion Ratio Lower Upper
 63 100
 65 28.0 23.3 34.9

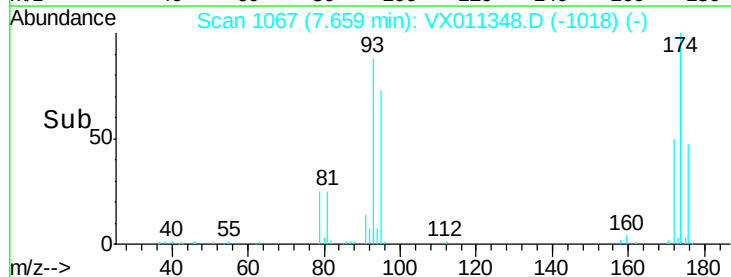
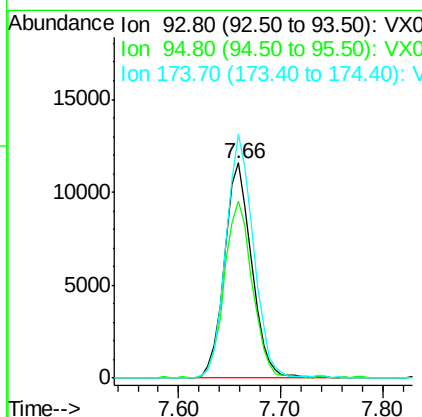
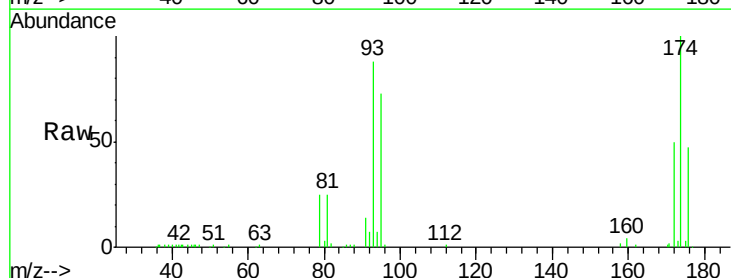
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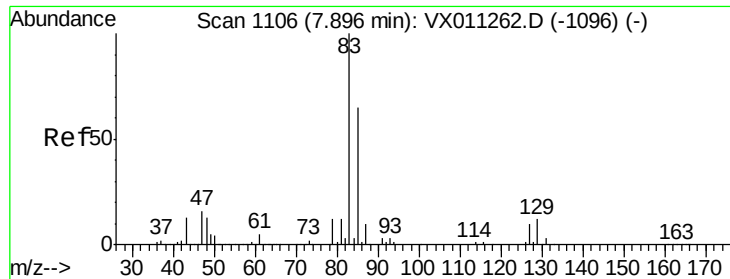
MMDadoda
 8/7/2019 11:25:41 AM



#46
 Dibromomethane
 Concen: 18.520 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Tgt Ion: 93 Resp: 21488
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.4 99.6
 174 113.8 93.4 140.2





#47

Bromodichloromethane

Concen: 19.158 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

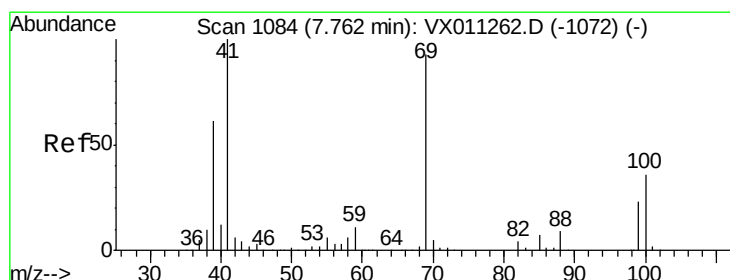
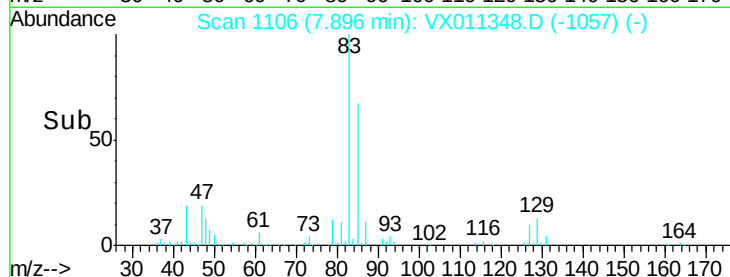
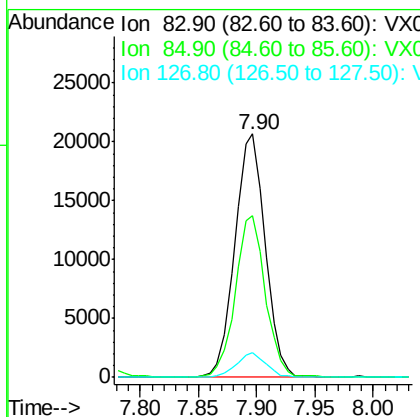
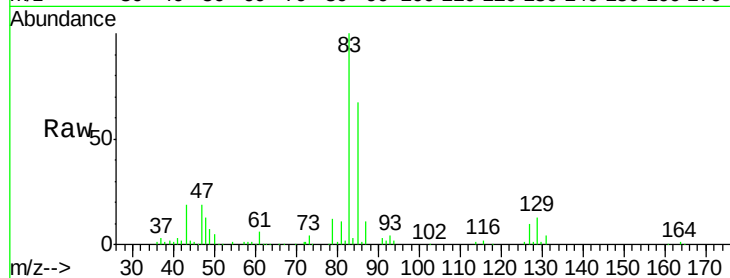
ClientSampleId :

VX0806WBSD01

Tot Ion:	83	Resp:	37633
Ion	Ratio	Lower	Upper
83	100		
85	66.6	52.2	78.2
127	10.0	7.8	11.8

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#48

Methyl methacrylate

Concen: 19.935 ug/l

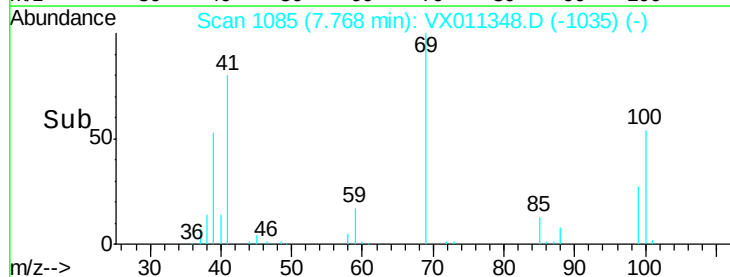
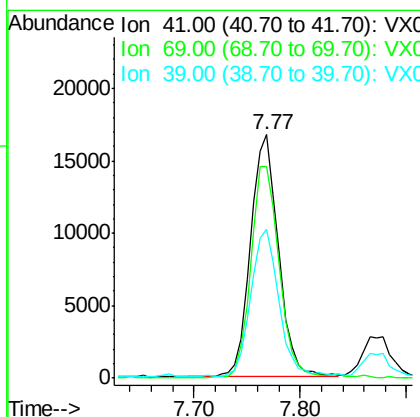
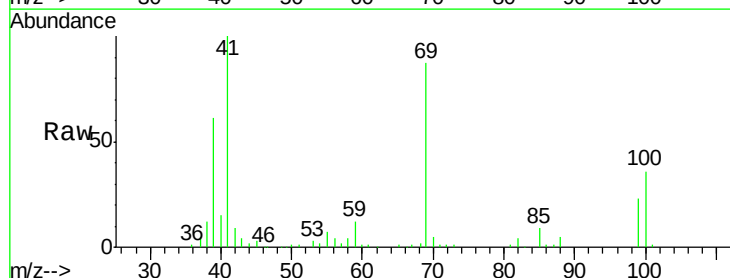
RT: 7.77 min Scan# 1085

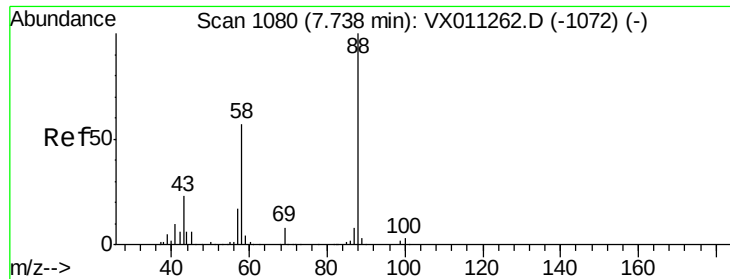
Delta R.T. 0.01 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion:	41	Resp:	30942
Ion	Ratio	Lower	Upper
41	100		
69	90.3	74.5	111.7
39	60.8	48.6	72.8





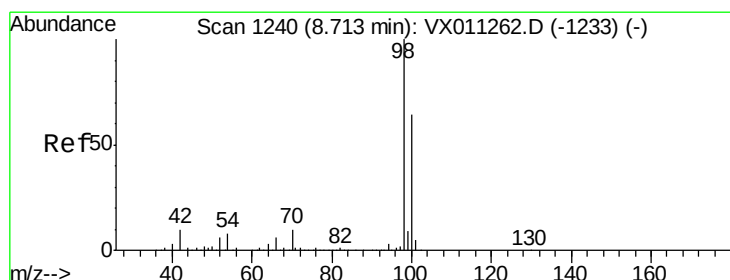
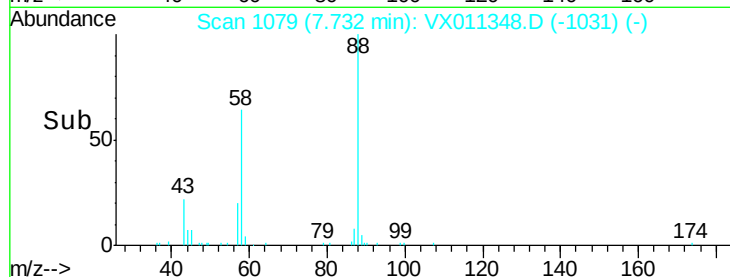
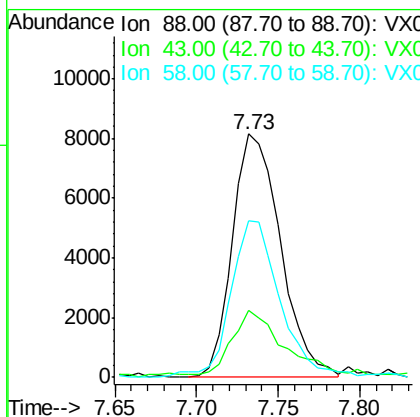
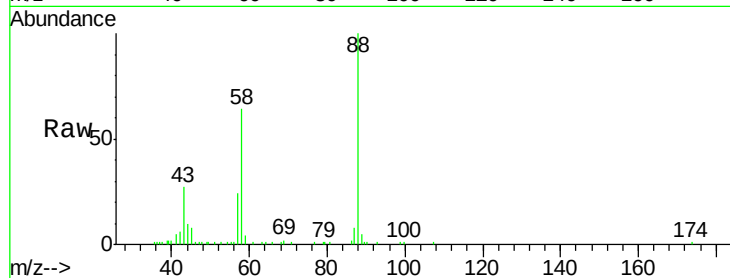
#49
 1,4-Dioxane
 Concen: 373.292 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.5	22.2	33.2
58	66.1	47.8	71.8

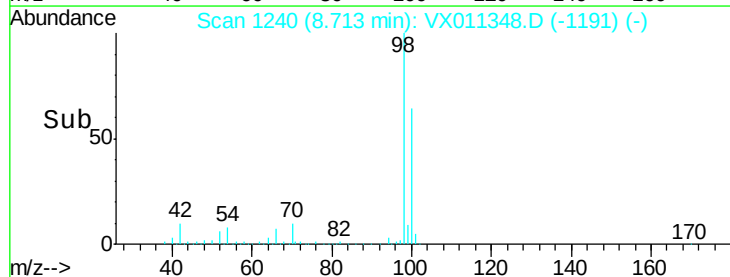
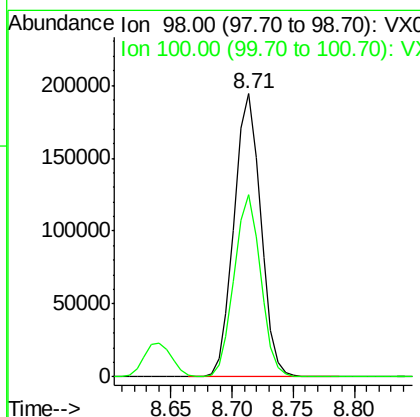
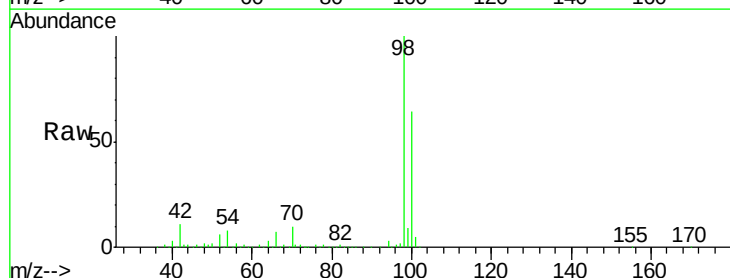
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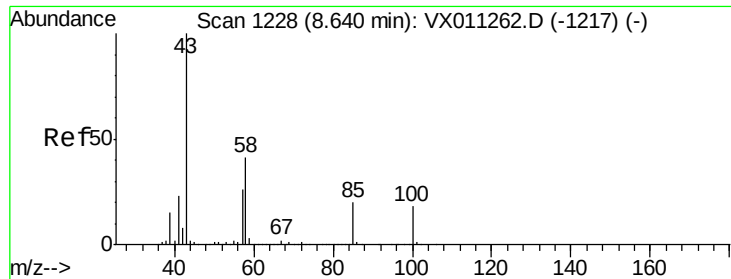
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#50
 Toluene-d8
 Concen: 50.662 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 102.398 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 43 Resp: 217948

Ion Ratio Lower Upper

43 100

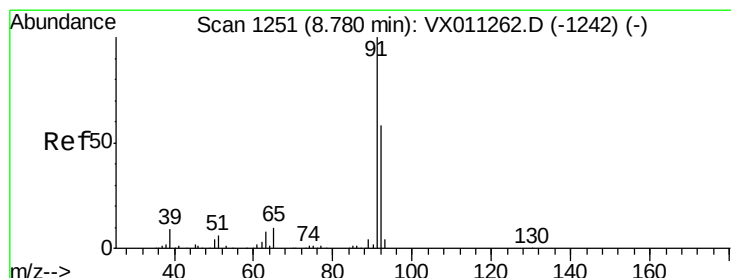
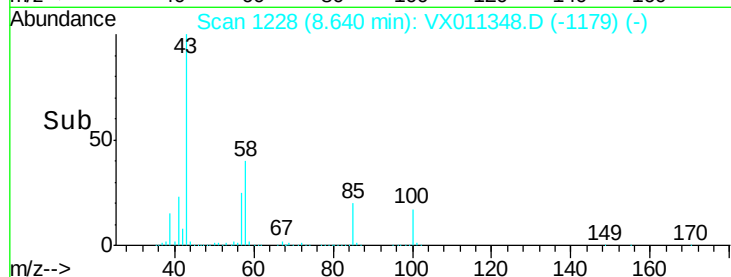
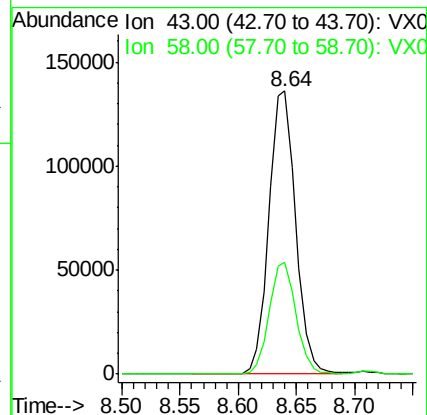
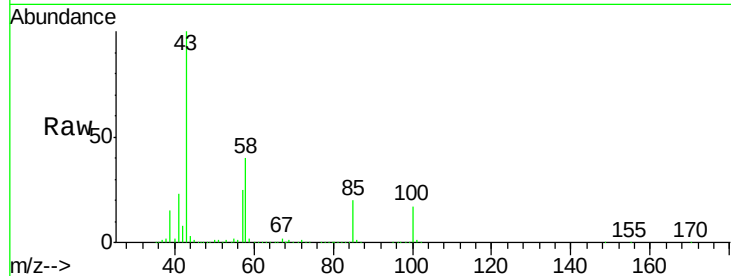
58 39.4 32.3 48.5

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#52

Toluene

Concen: 19.212 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011348.D

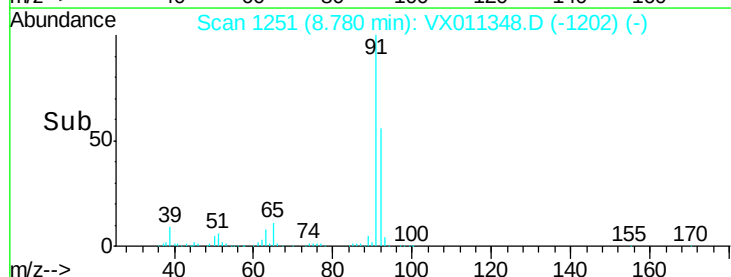
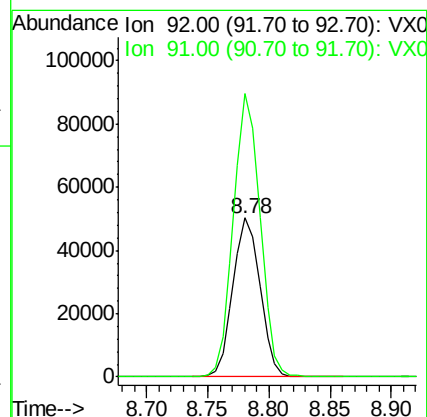
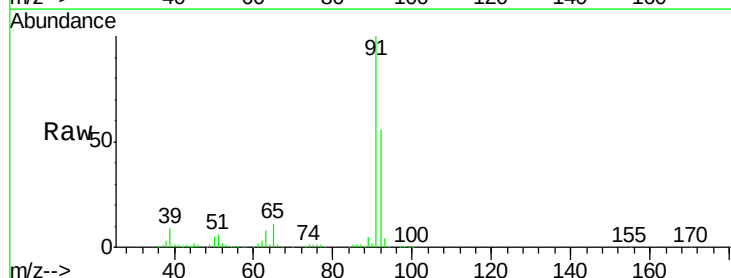
Acq: 06 Aug 2019 13:04

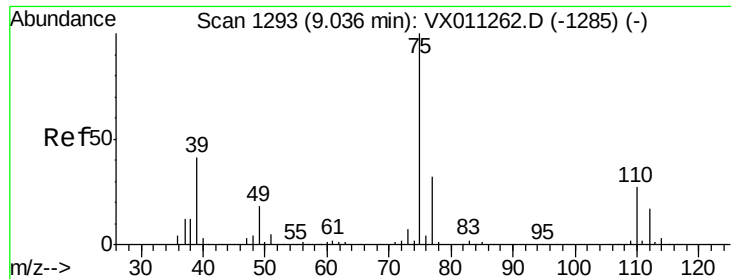
Tgt Ion: 92 Resp: 77953

Ion Ratio Lower Upper

92 100

91 173.5 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 18.851 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tot Ion: 75 Resp: 38837

Ion Ratio Lower Upper

75 100

77 33.7 25.4 38.0

Instrument :

MSVOA_X

ClientSampleId :

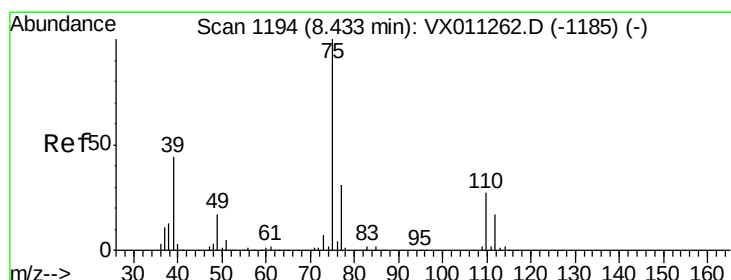
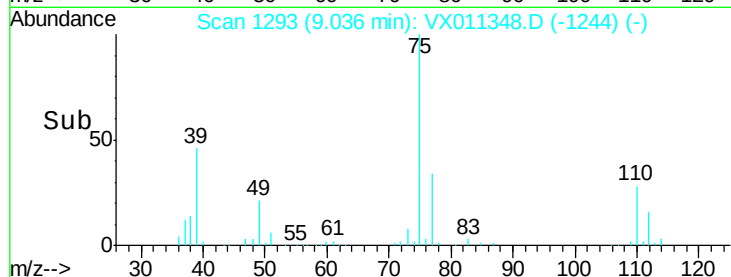
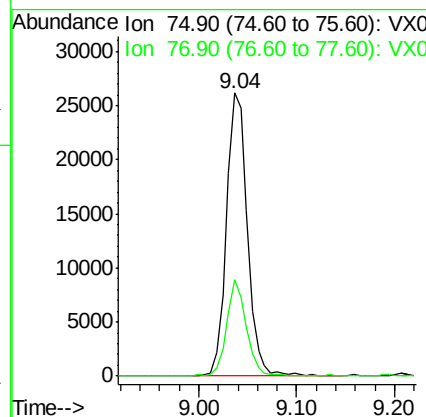
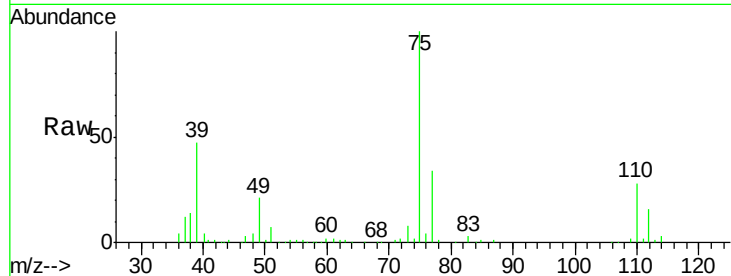
VX0806WBSD01

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#54

cis-1,3-Dichloropropene

Concen: 19.228 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

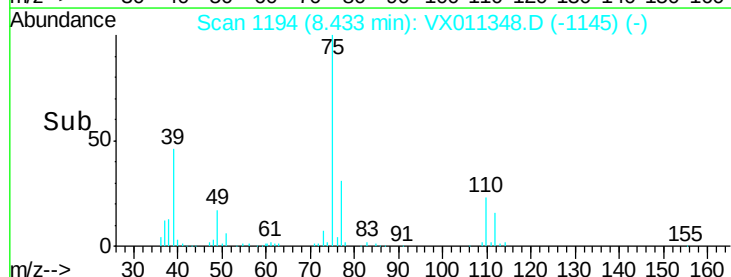
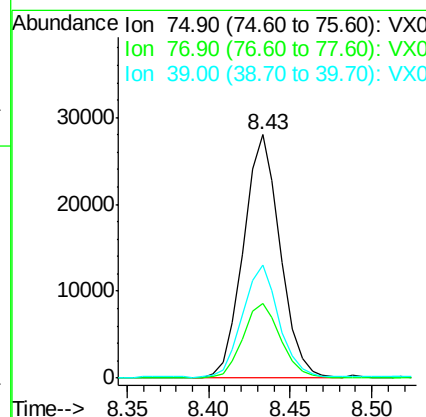
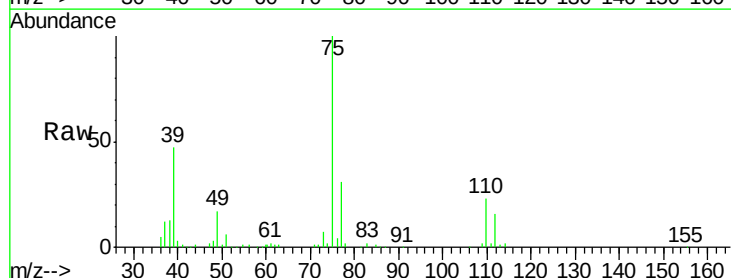
Tgt Ion: 75 Resp: 44122

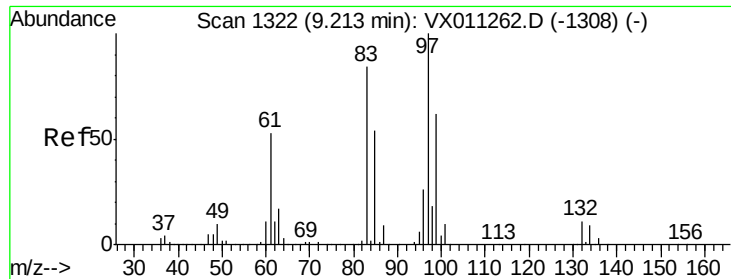
Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.6

39 46.2 35.3 52.9





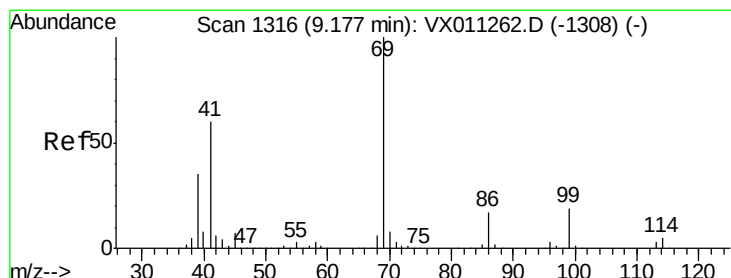
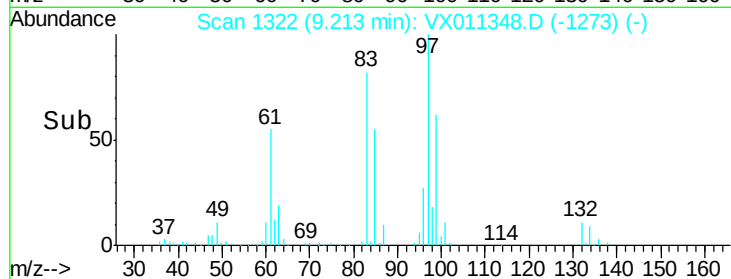
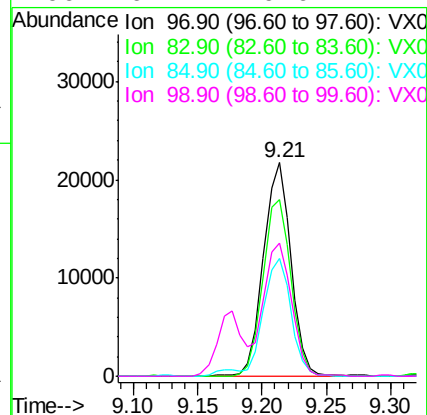
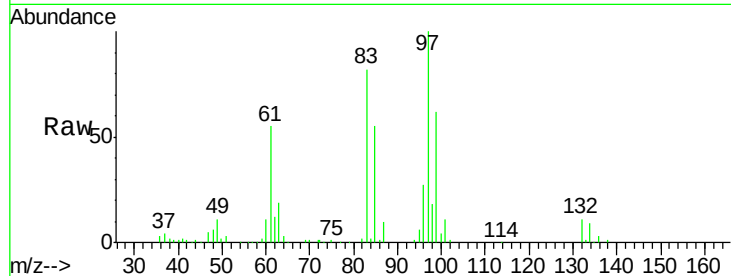
#55
 1,1,2-Trichloroethane
 Concen: 19.218 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion:	97	Resp:	32061
Ion	Ratio	Lower	Upper
97	100		
83	82.2	67.6	101.4
85	55.0	43.4	65.0
99	62.2	49.6	74.4

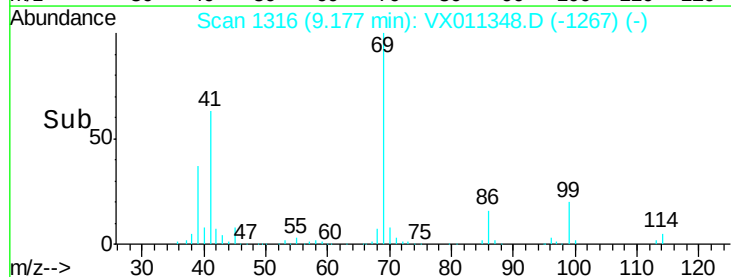
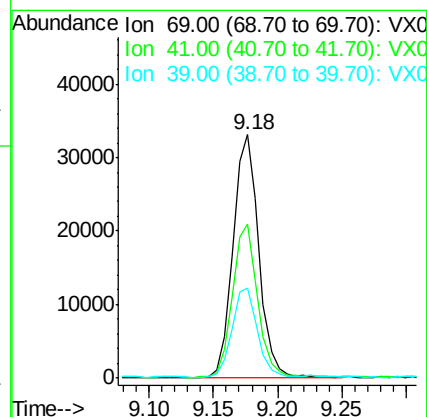
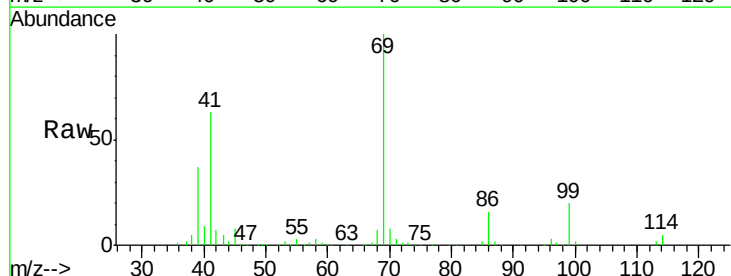
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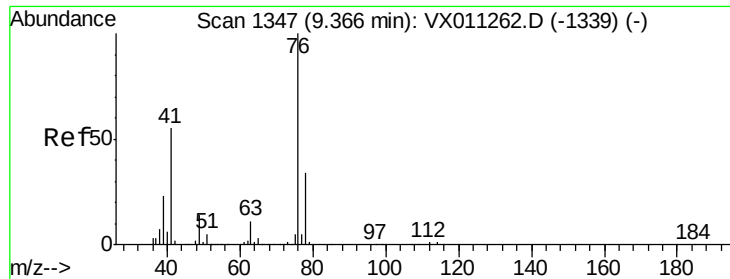
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#56
 Ethyl methacrylate
 Concen: 19.659 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Tgt Ion:	69	Resp:	46738
Ion	Ratio	Lower	Upper
69	100		
41	61.5	48.6	73.0
39	36.7	29.4	44.2





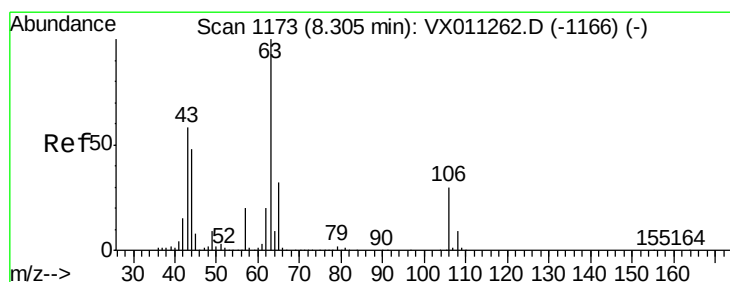
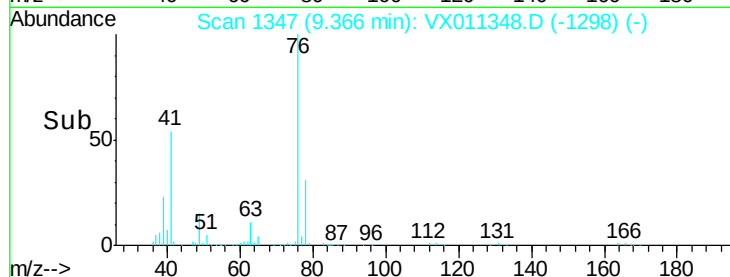
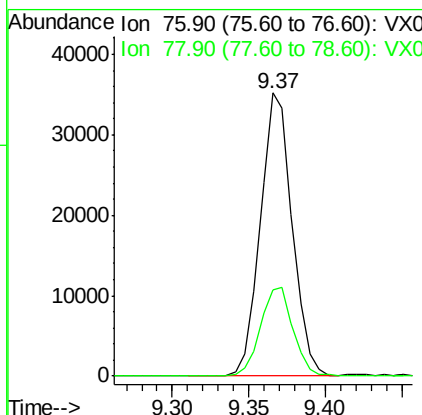
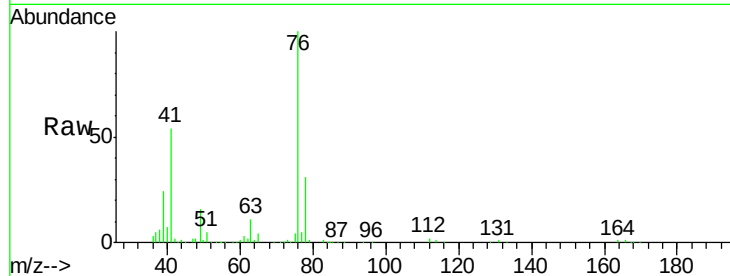
#57
 1,3-Dichloropropane
 Concen: 19.345 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion: 76 Resp: 51039
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.6 40.0

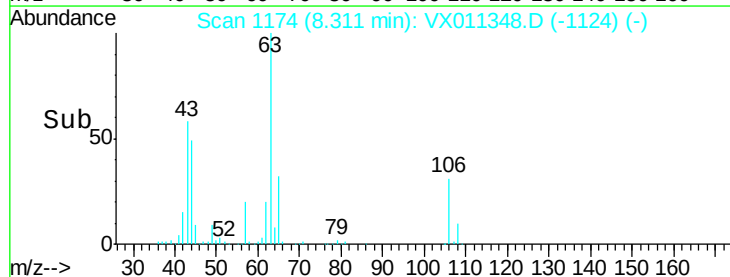
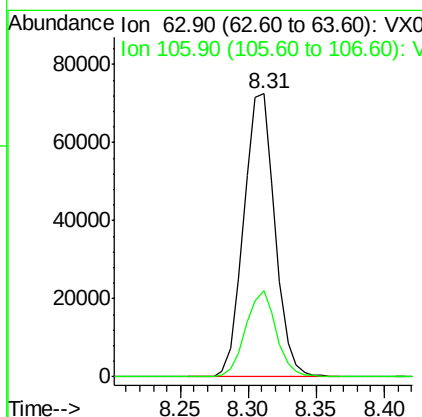
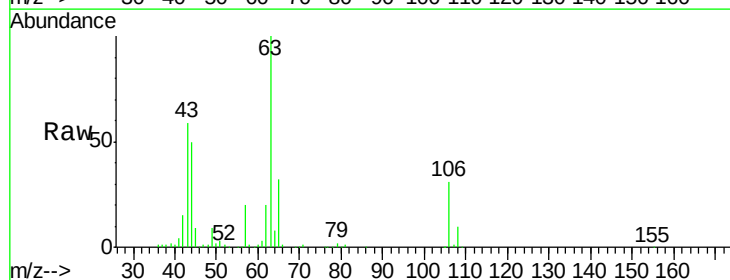
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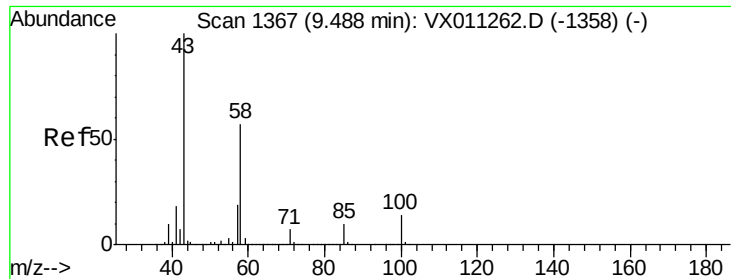
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.606 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Tgt Ion: 63 Resp: 116433
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.4 36.6





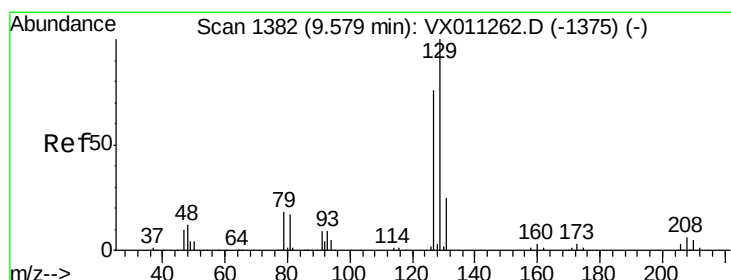
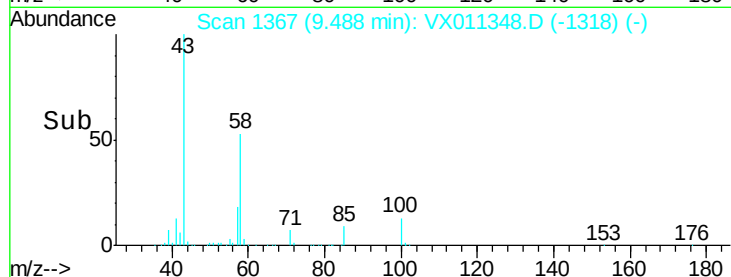
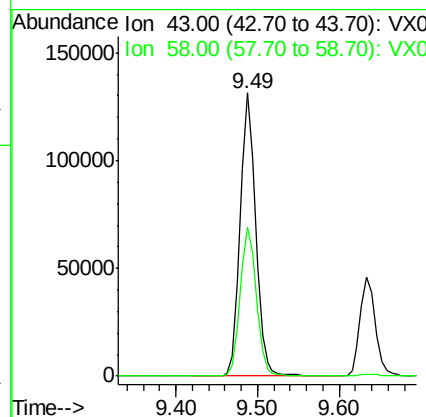
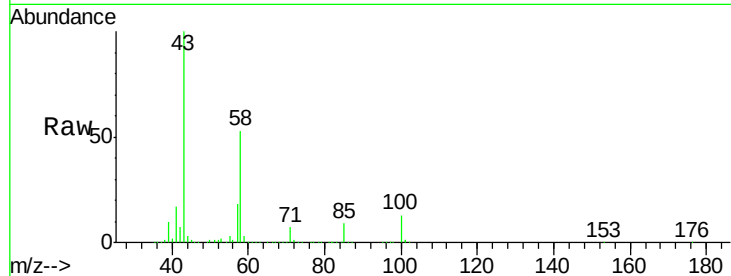
#59
2-Hexanone
Concen: 103.569 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion: 43 Resp: 170745
Ion Ratio Lower Upper
43 100
58 54.6 28.2 84.6

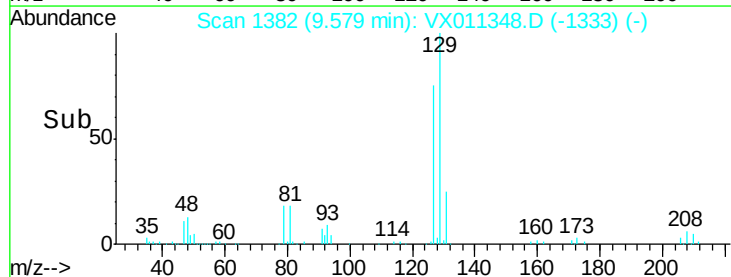
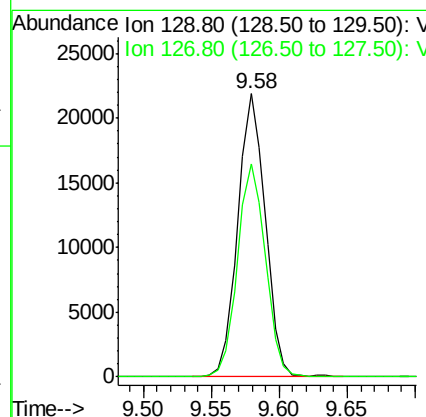
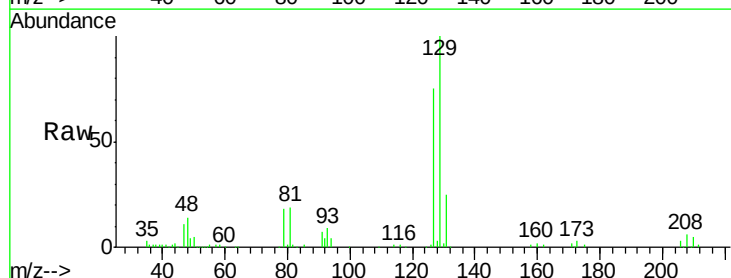
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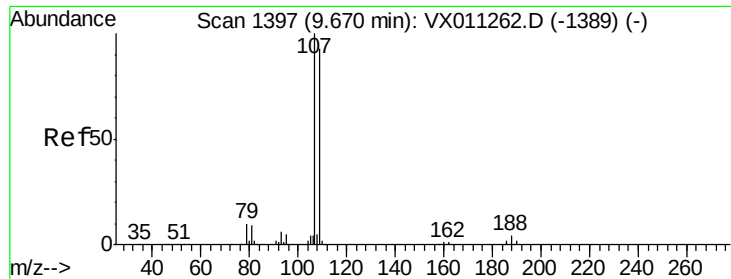
MMDadoda
8/7/2019 11:25:41 AM



#60
Dibromochloromethane
Concen: 18.056 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion: 129 Resp: 30839
Ion Ratio Lower Upper
129 100
127 76.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 18.933 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion:107 Resp: 34125

Ion Ratio Lower Upper

107 100

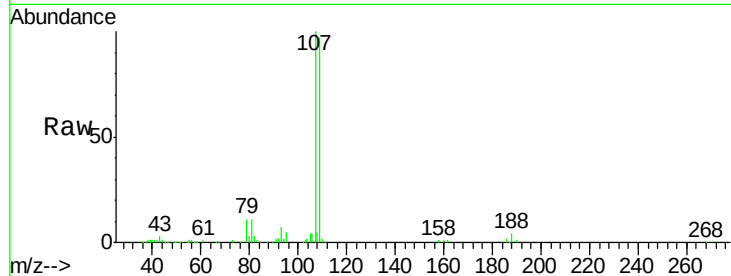
109 93.7 76.6 114.8

Manual Integrations

APPROVED

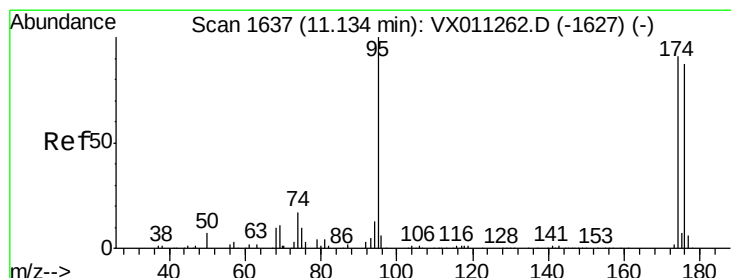
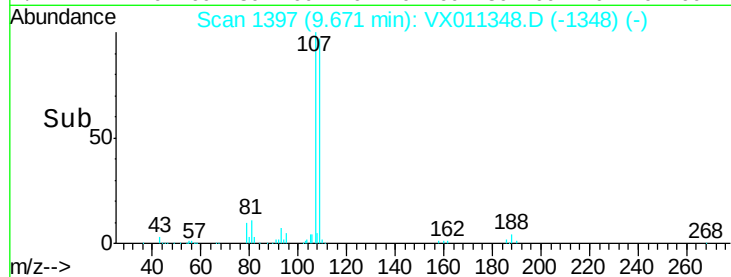
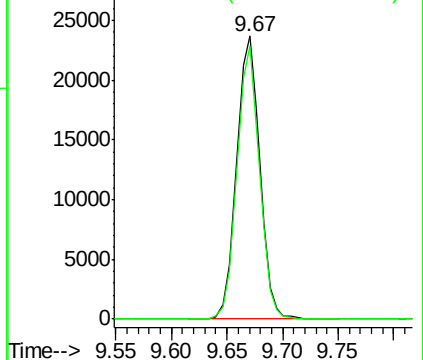
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.597 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

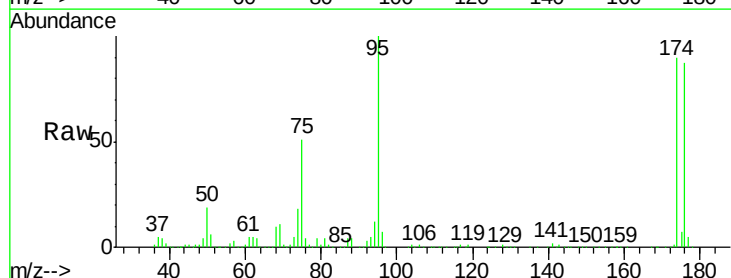
Tgt Ion: 95 Resp: 104862

Ion Ratio Lower Upper

95 100

174 92.5 0.0 191.2

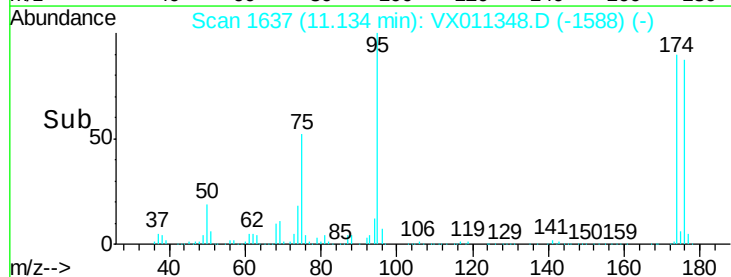
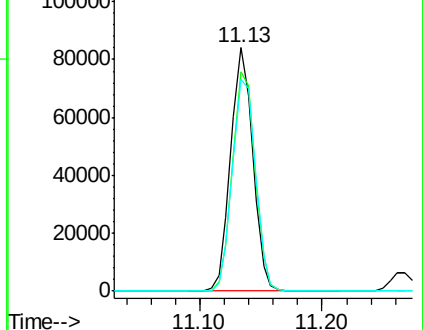
176 91.5 0.0 184.8

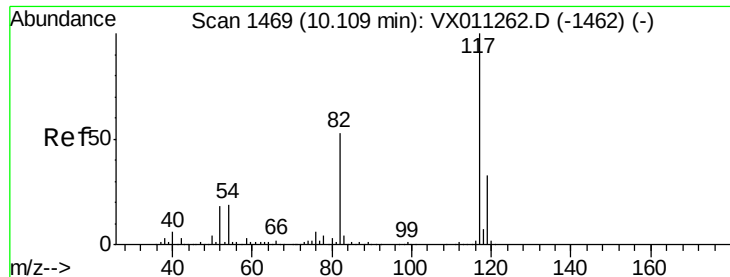


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





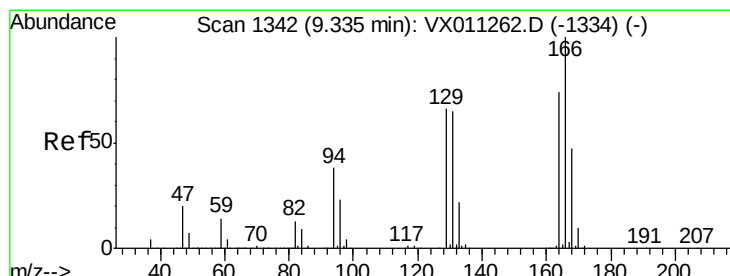
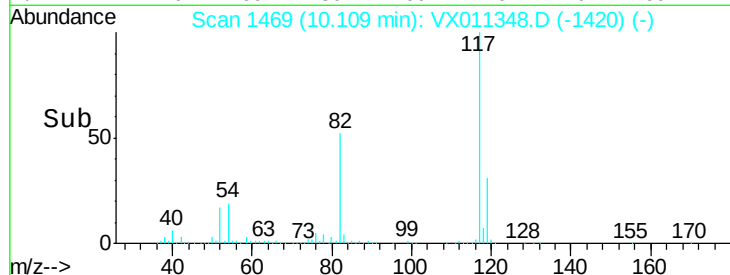
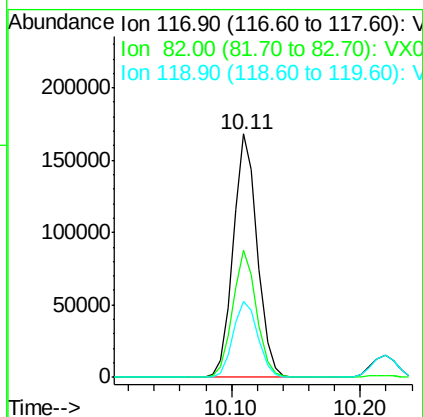
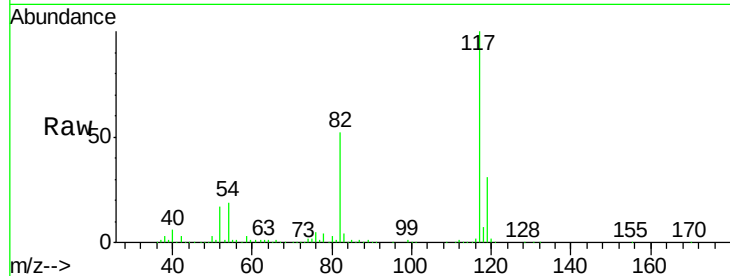
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.2	63.2
119	31.1	26.6	39.8

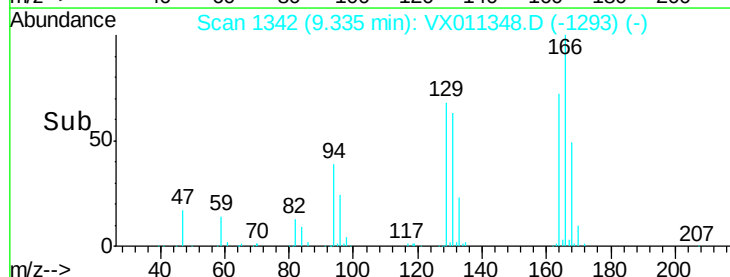
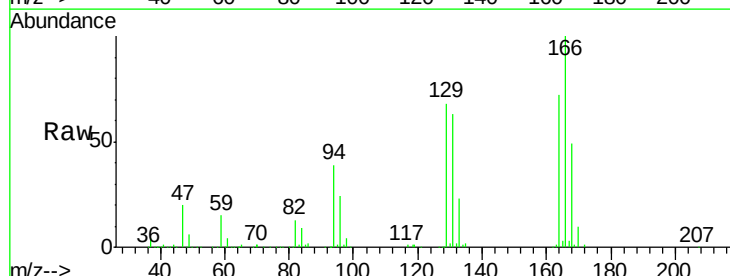
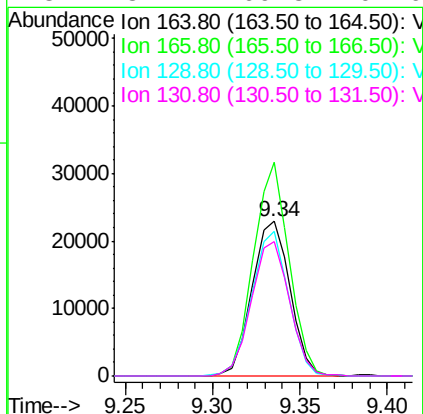
Manual Integrations
APPROVED

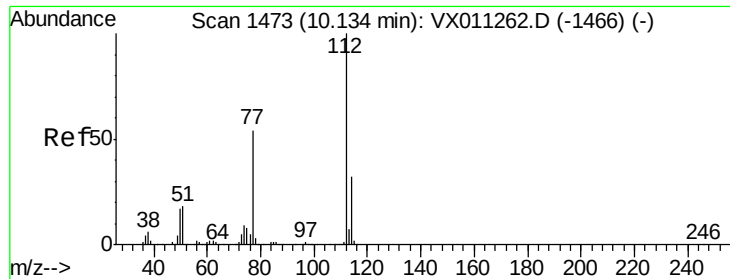
MMDadoda
8/7/2019 11:25:41 AM



#64
Tetrachloroethene
Concen: 18.483 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	138.4	107.5	161.3
129	93.7	71.0	106.4
131	87.4	69.8	104.6





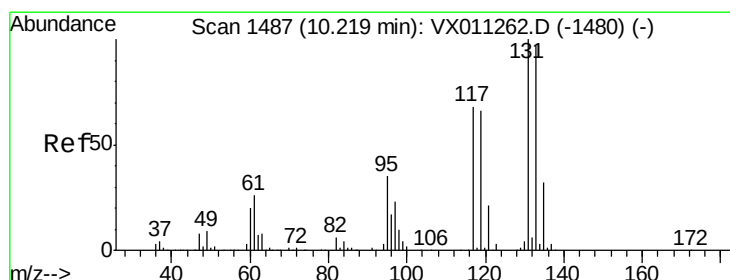
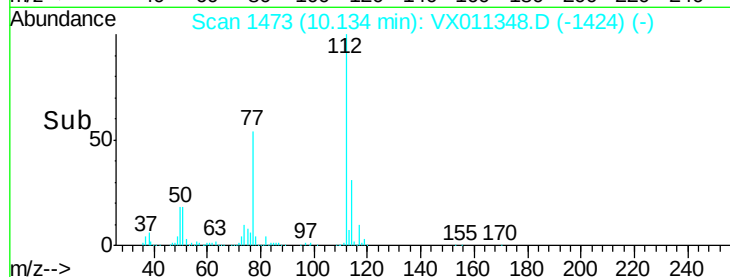
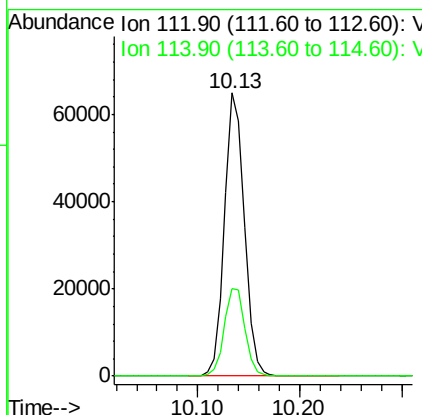
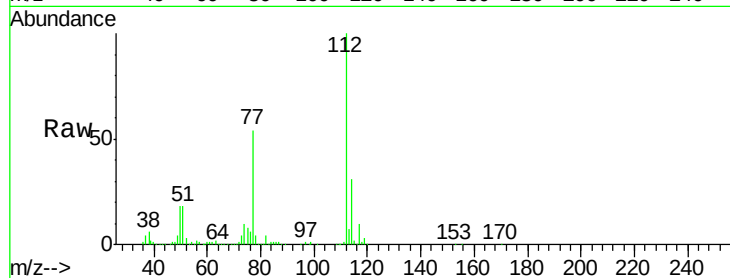
#65
Chlorobenzene
Concen: 18.673 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampled :
VX0806WBSD01

Tot Ion:112 Resp: 87741
Ion Ratio Lower Upper
112 100
114 30.8 25.9 38.9

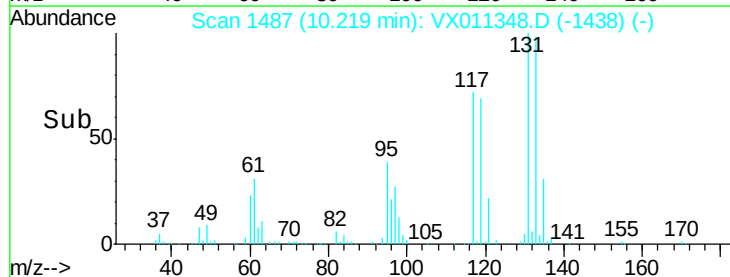
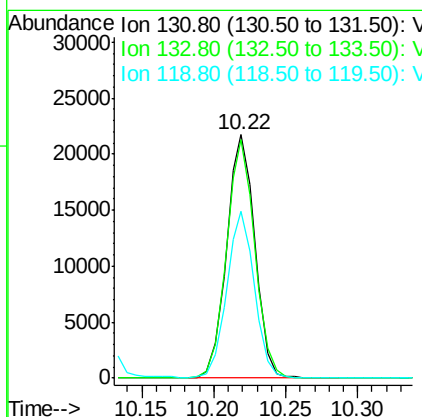
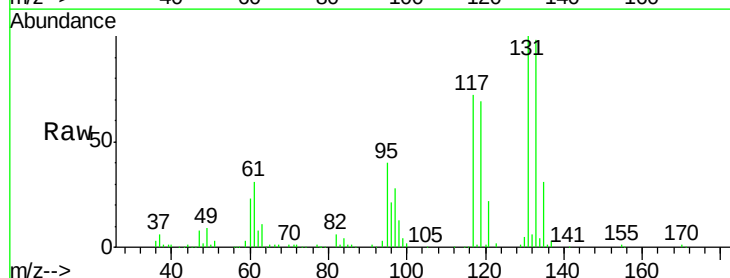
Manual Integrations
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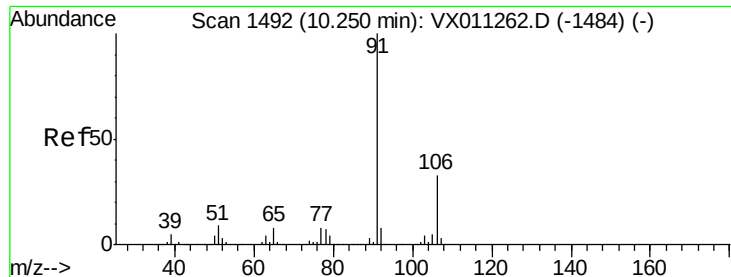
MMDadoda
8/7/2019 11:25:41 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.586 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion:131 Resp: 29898
Ion Ratio Lower Upper
131 100
133 97.6 47.7 143.1
119 67.4 32.8 98.3





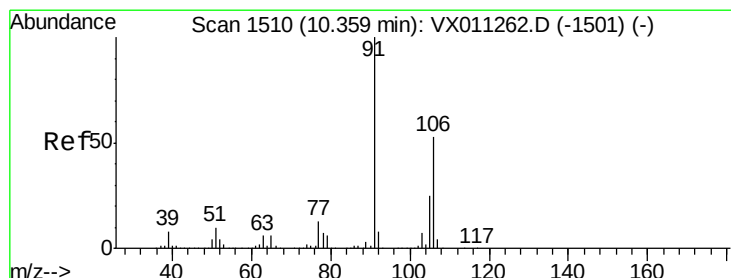
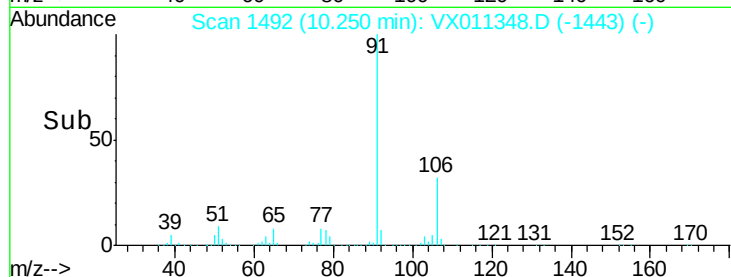
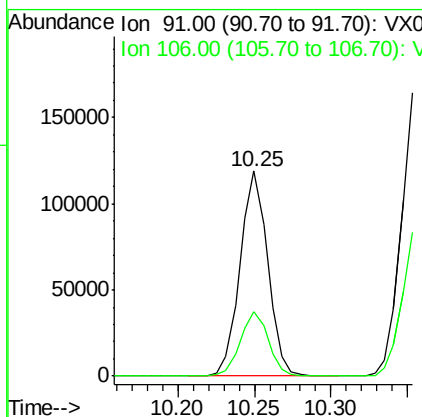
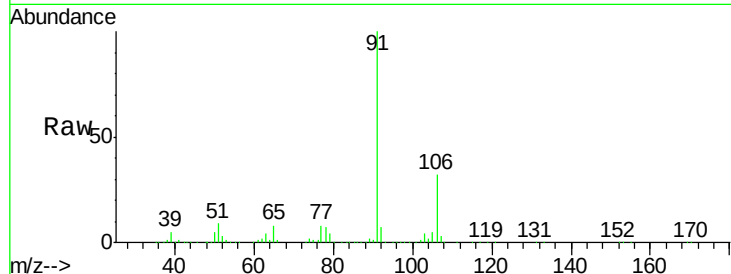
#67
Ethyl Benzene
Concen: 19.029 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampled :
VX0806WBSD01

Tot Ion: 91 Resp: 149748
Ion Ratio Lower Upper
91 100
106 31.5 26.2 39.4

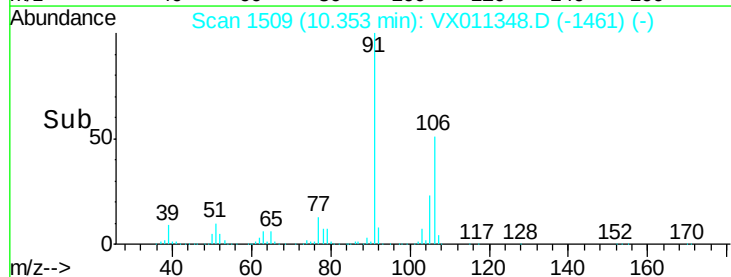
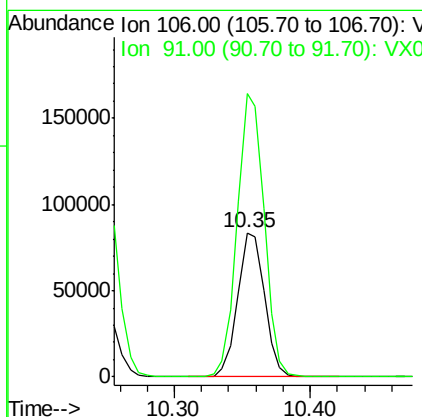
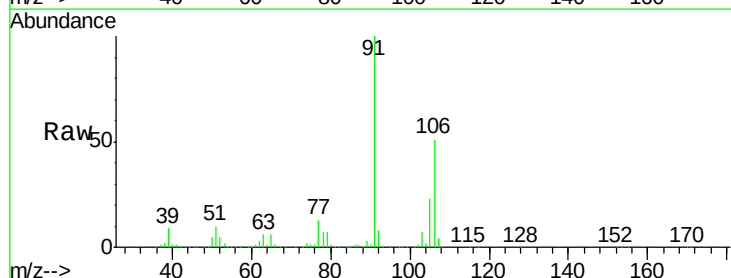
Manual Integrations
APPROVED

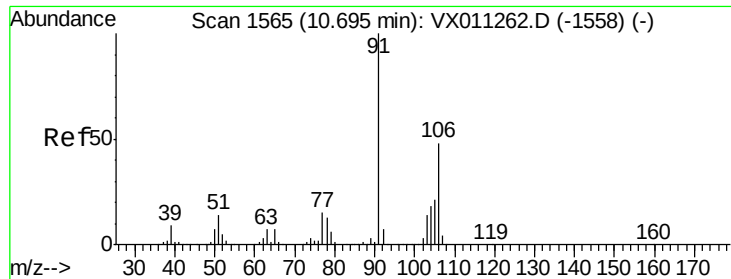
MMDadoda
8/7/2019 11:25:41 AM



#68
m/p-Xylenes
Concen: 37.781 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion: 106 Resp: 114999
Ion Ratio Lower Upper
106 100
91 197.9 155.9 233.9





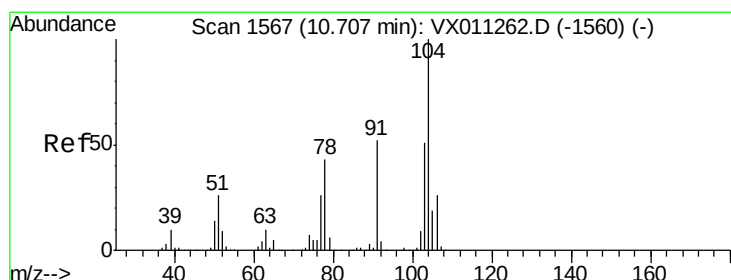
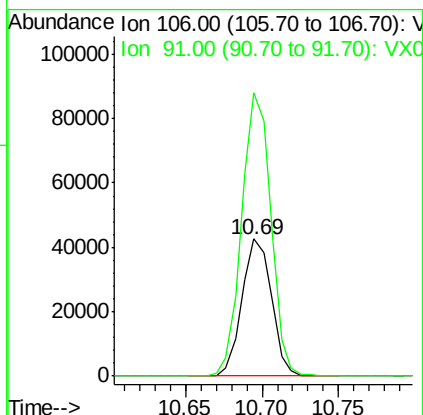
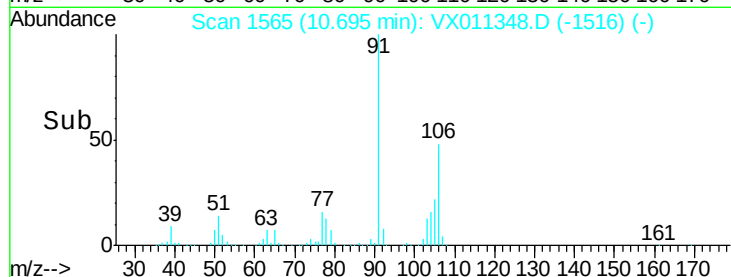
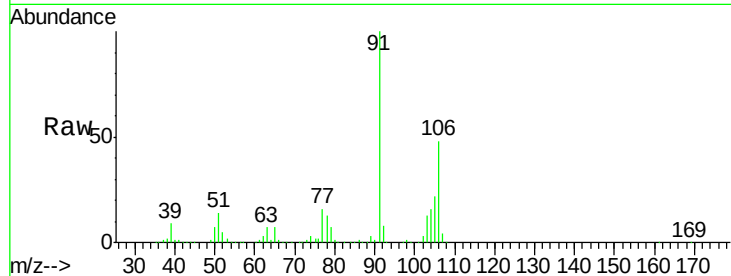
#69
o-Xylene
Concen: 19.111 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampled :
VX0806WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.4	103.8	311.3	

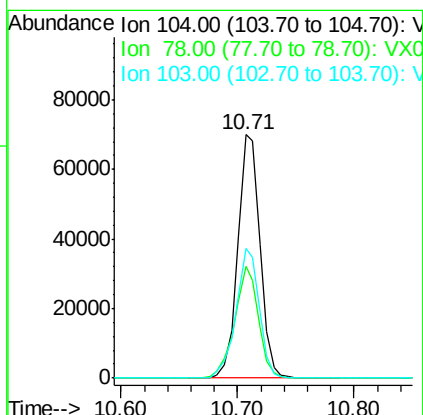
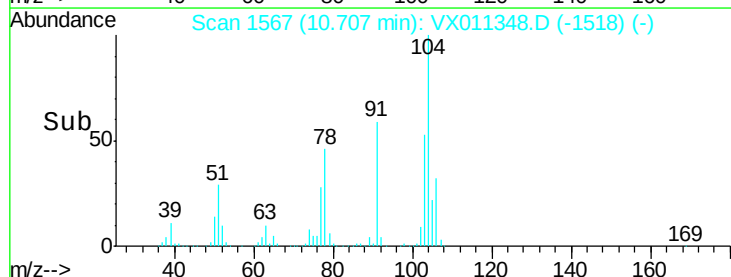
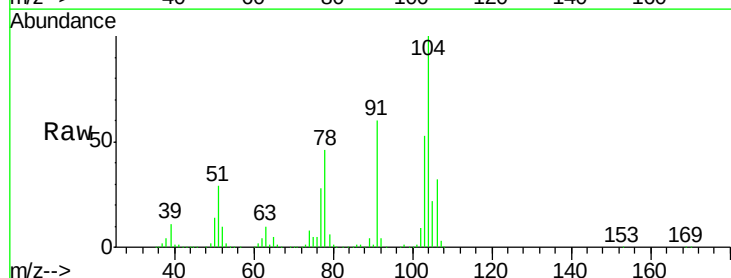
Manual Integrations
APPROVED

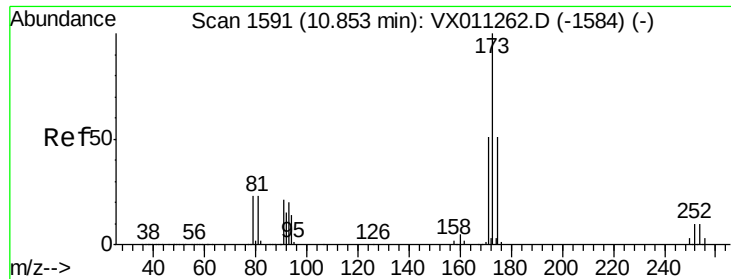
MMDadoda
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#70
Styrene
Concen: 18.788 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.1	36.9	55.3	
103	56.2	44.4	66.6	





#71

Bromoform

Concen: 17.720 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0806WBSD01

Tot Ion:173 Resp: 22695

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.4

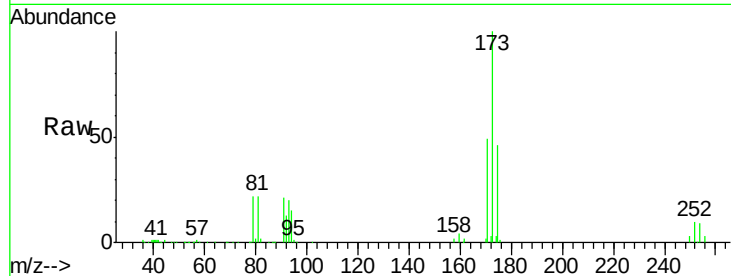
254 0.0 0.2 0.2#

Manual Integrations

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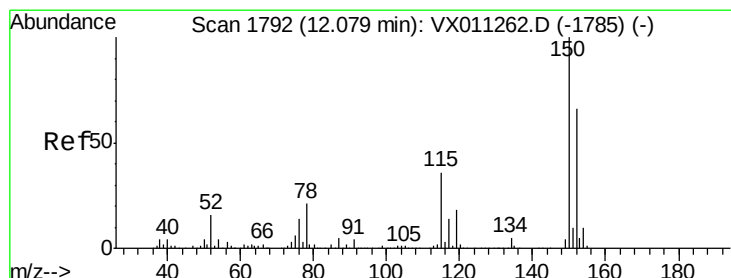
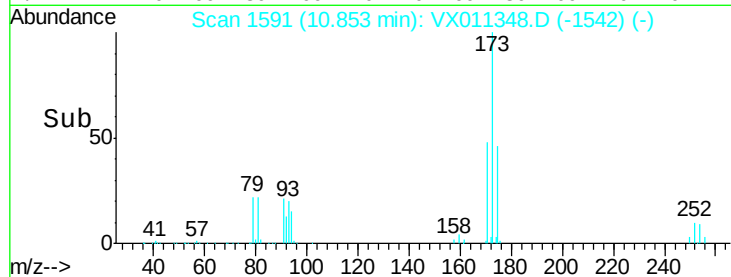
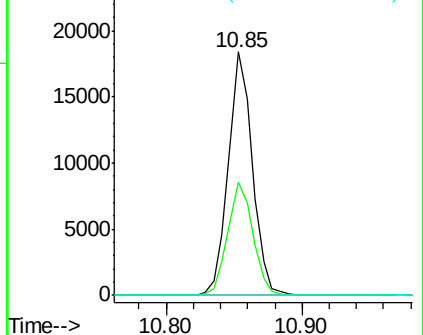
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion:152 Resp: 115206

Ion Ratio Lower Upper

152 100

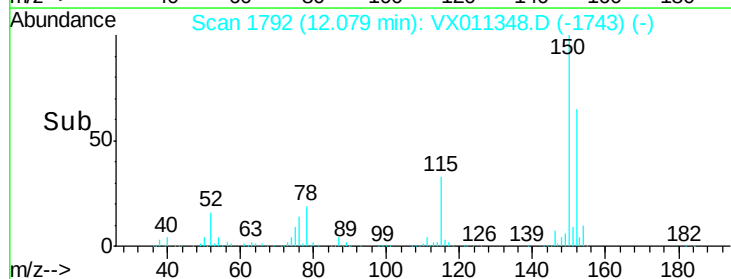
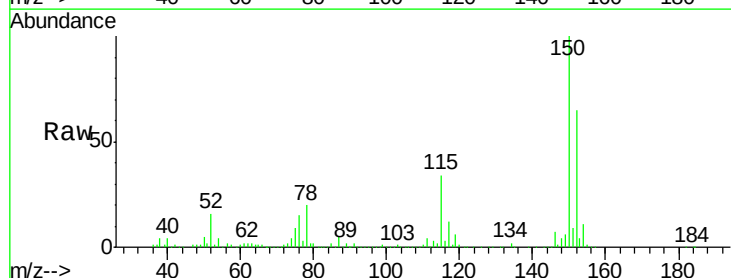
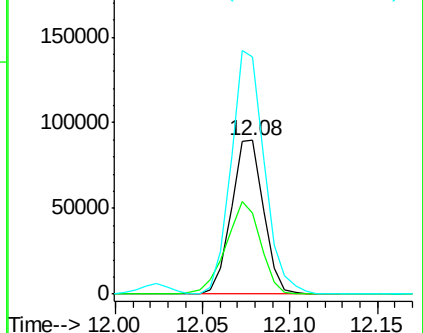
115 64.5 40.0 119.9

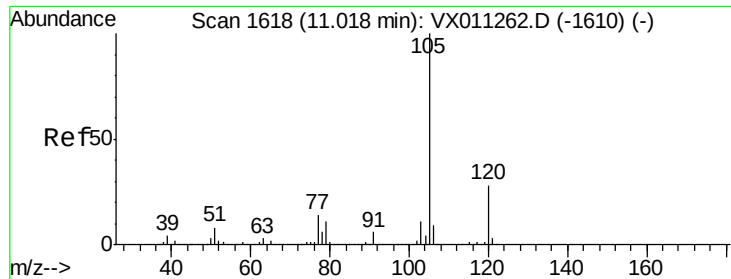
150 163.3 0.0 350.4

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: 19.210 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0806WBSD01

Tot Ion: 105 Resp: 151358

Ion Ratio Lower Upper

105 100

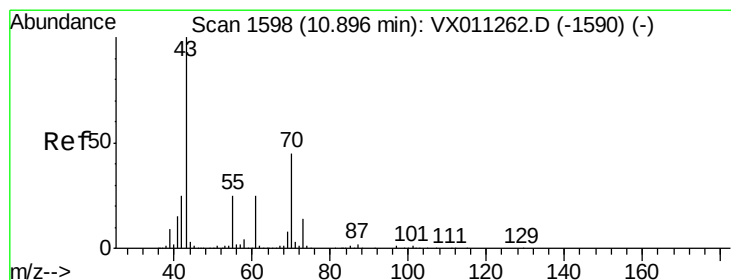
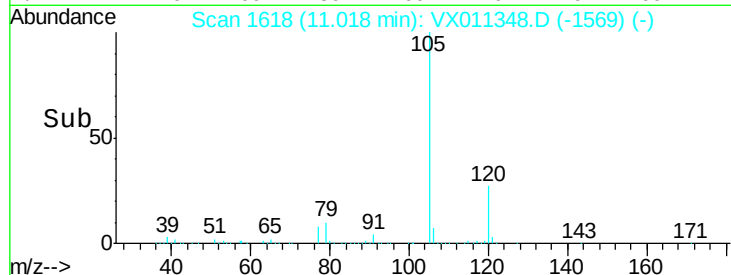
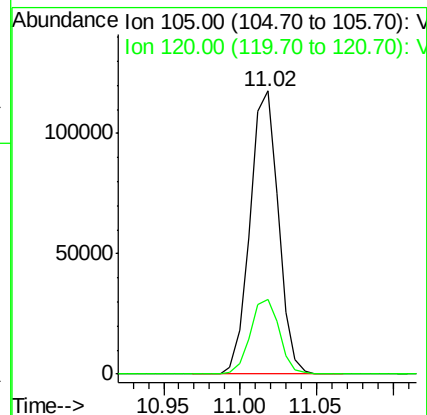
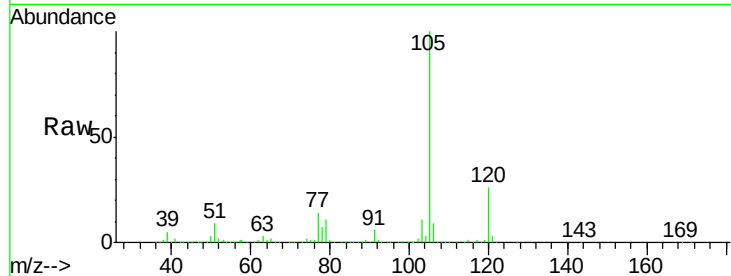
120 27.0 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.734 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion: 43 Resp: 56183

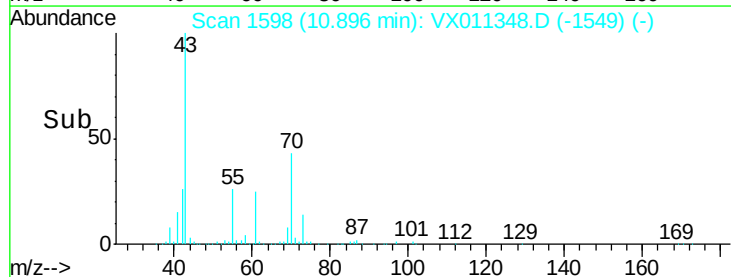
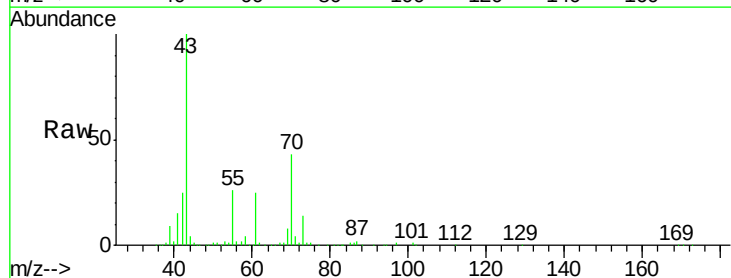
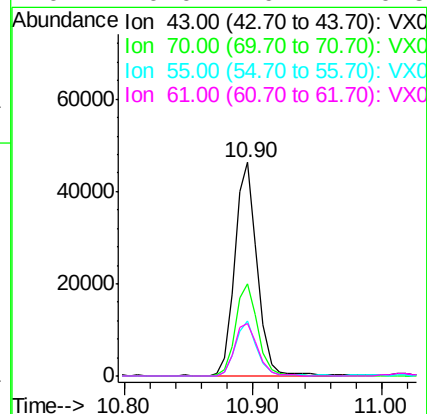
Ion Ratio Lower Upper

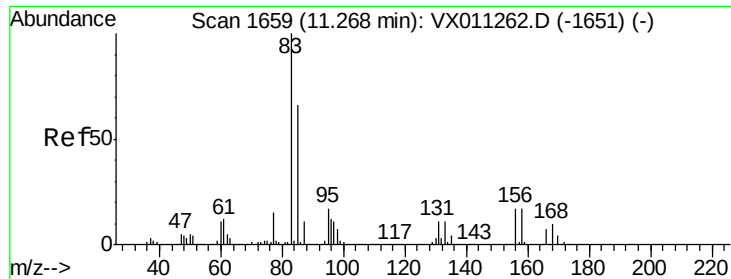
43 100

70 43.2 35.9 53.9

55 25.4 19.8 29.6

61 26.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.827 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

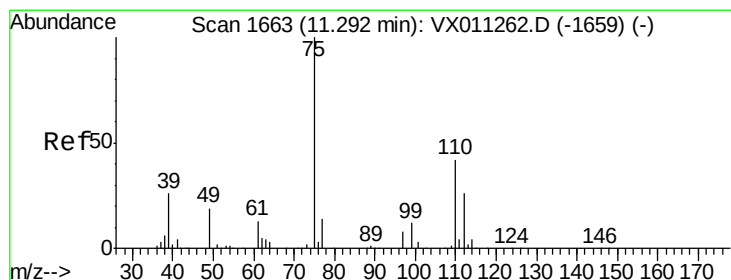
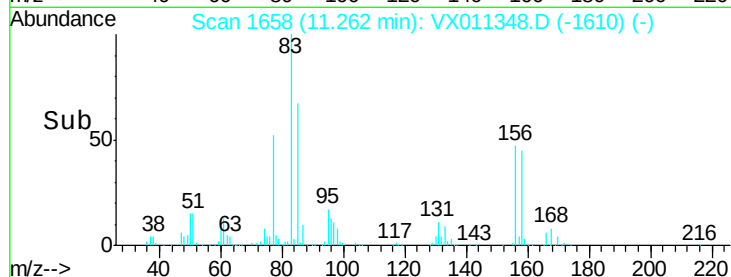
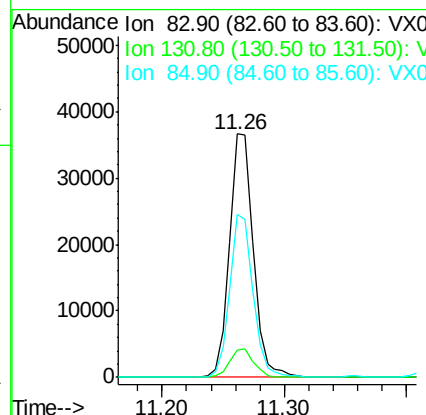
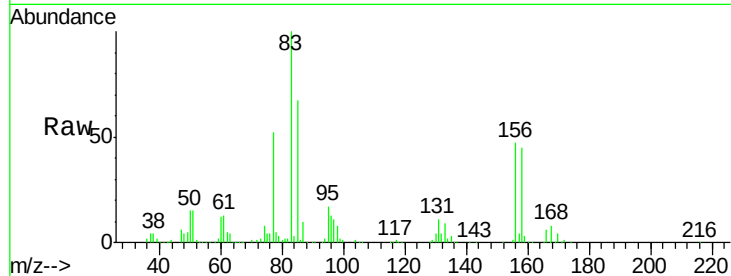
ClientSampled :

VX0806WBSD01

Tot Ion:	83	Resp:	49434
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.6	16.8
85	65.8	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.227 ug/l m

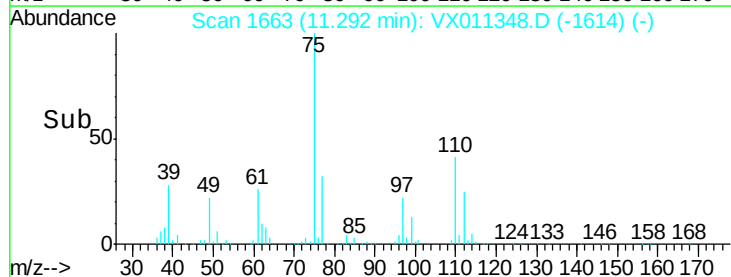
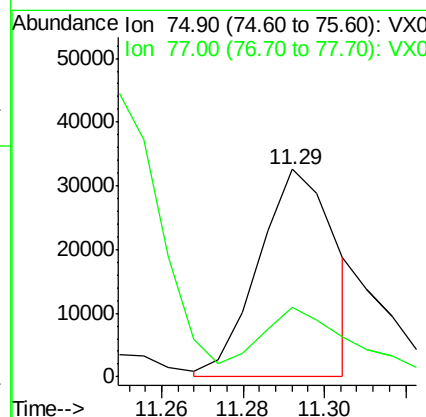
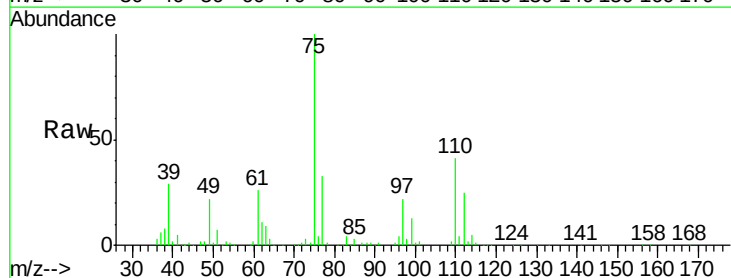
RT: 11.29 min Scan# 1663

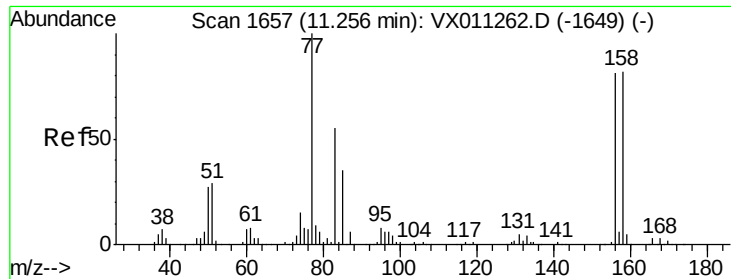
Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion:	75	Resp:	42437
Ion	Ratio	Lower	Upper
75	100		
77	40.4	21.1	63.4





#77

Bromobenzene

Concen: 18.560 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

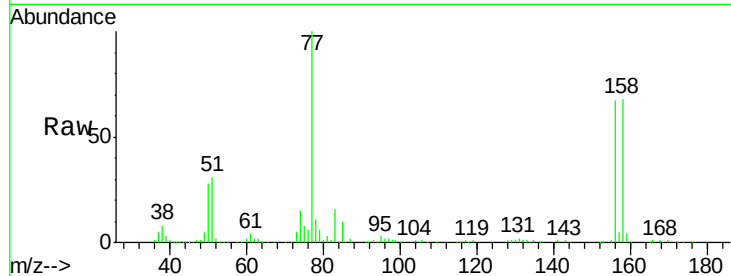
ClientSampleId :

VX0806WBSD01

Tot Ion:	156	Resp:	40551
Ion	Ratio	Lower	Upper
156	100		
77	139.4	66.2	198.6
158	98.6	49.1	147.3

Manual Integrations
APPROVED

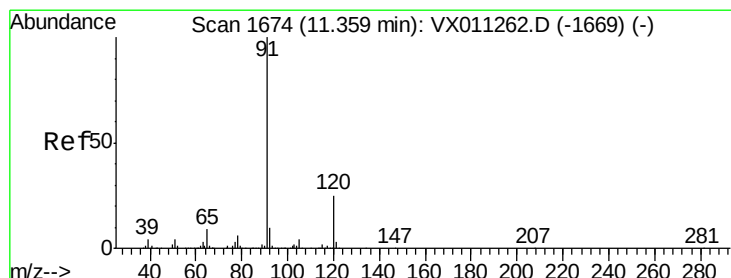
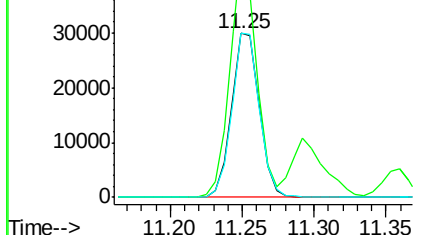
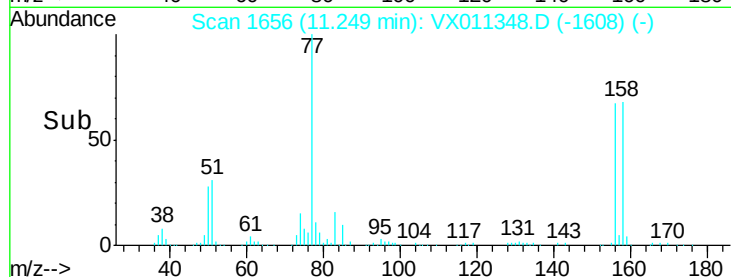
MMDadoda
8/7/2019 11:25:41 AM



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: 19.127 ug/l

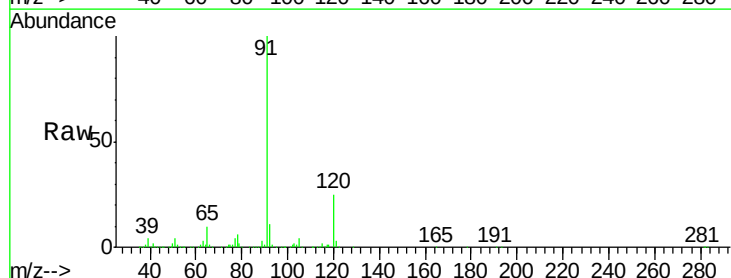
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011348.D

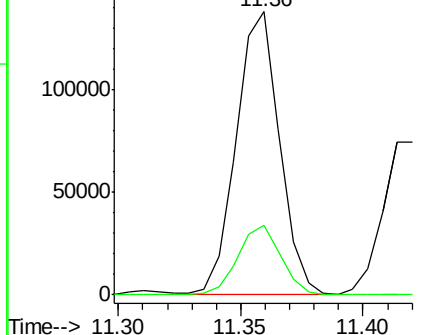
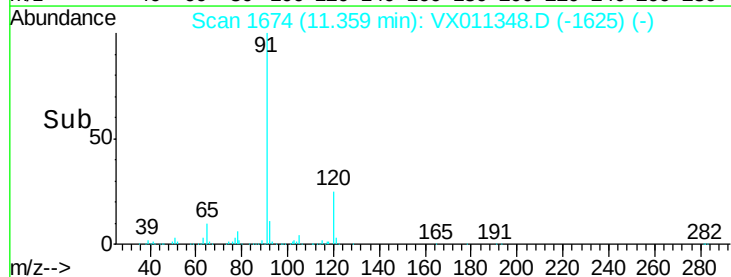
Acq: 06 Aug 2019 13:04

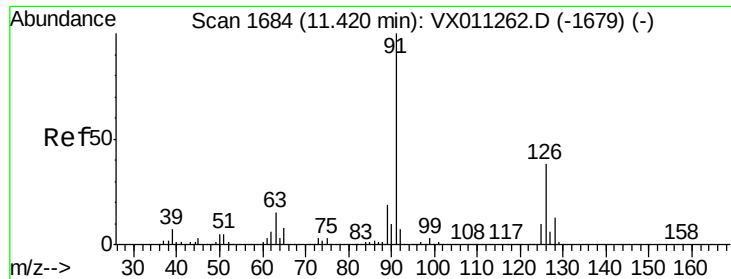
Tgt Ion:	91	Resp:	167597
Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.4	37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.864 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 91 Resp: 98516

Ion Ratio Lower Upper

91 100

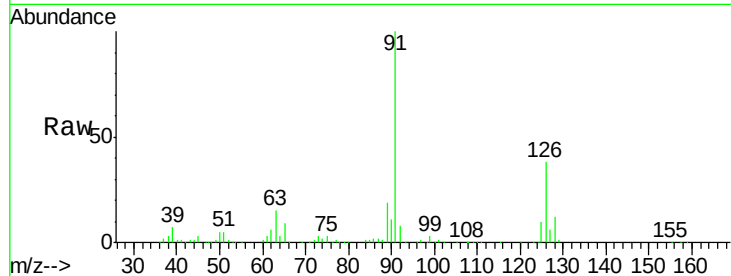
126 36.8 18.5 55.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX011262.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX011262.D (-1679) (-)

150000

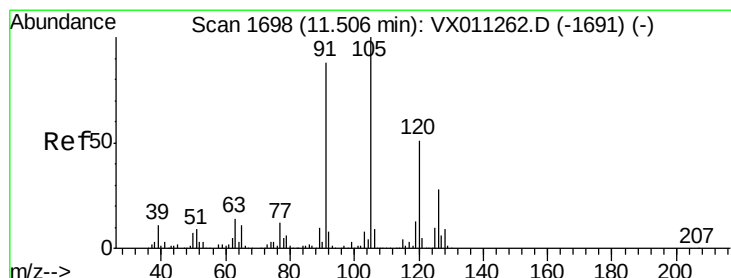
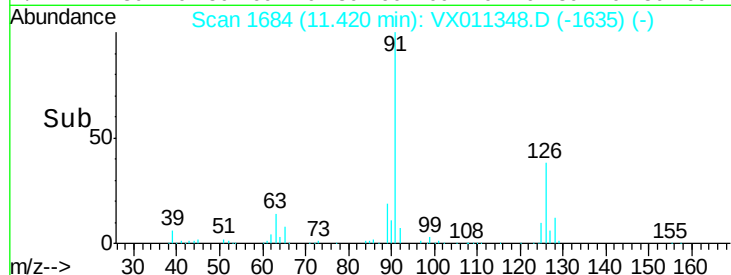
100000

50000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.239 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011348.D

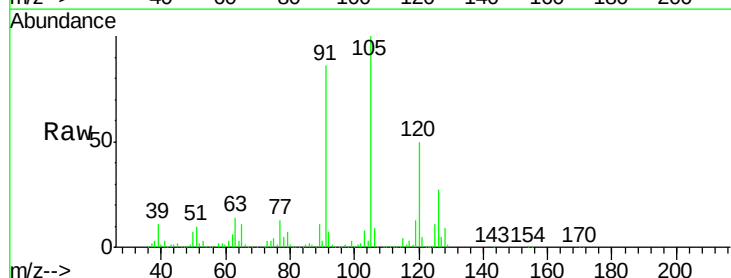
Acq: 06 Aug 2019 13:04

Tgt Ion:105 Resp: 126897

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VX011262.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX011262.D (-1691) (-)

120000

100000

80000

60000

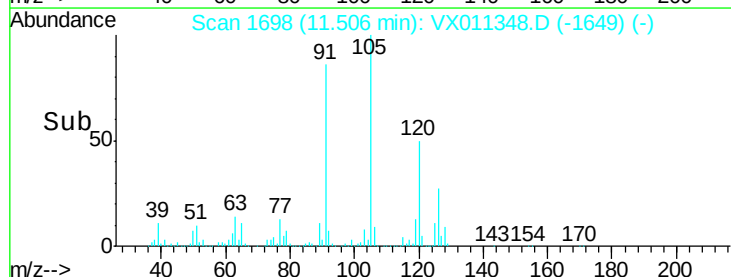
40000

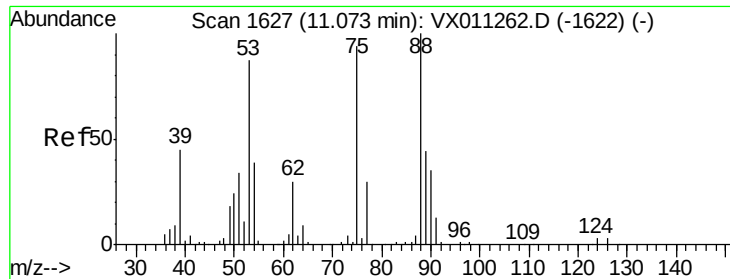
20000

0

11.45 11.50 11.55

Time-->





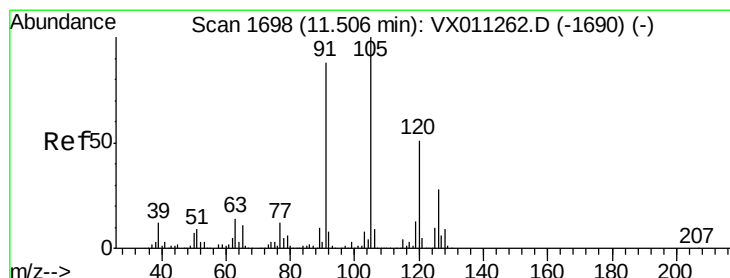
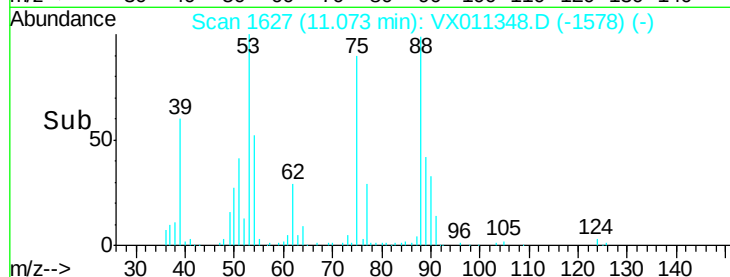
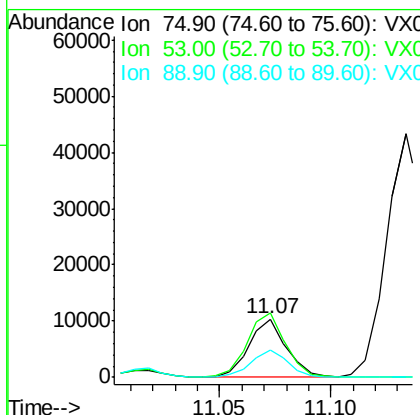
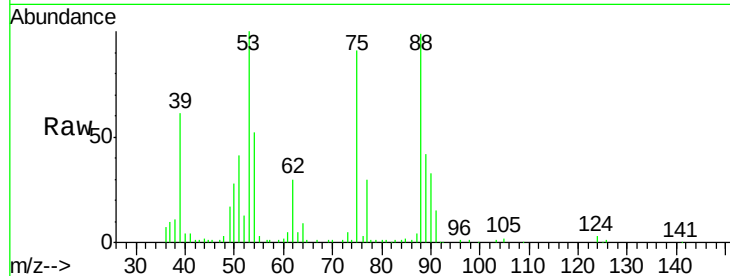
#81
trans-1,4-Dichloro-2-butene
Concen: 18.579 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.5	78.2	117.4
89	47.4	37.9	56.9

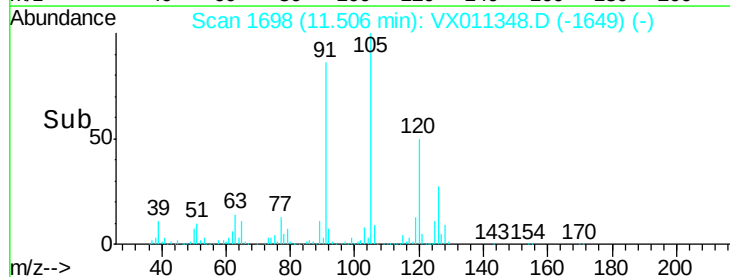
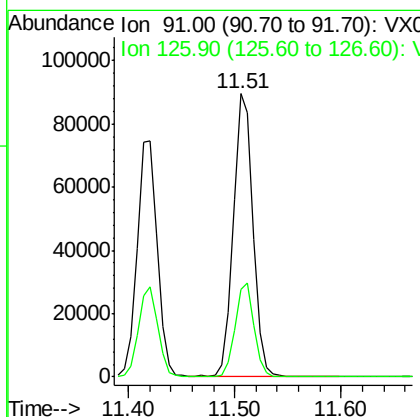
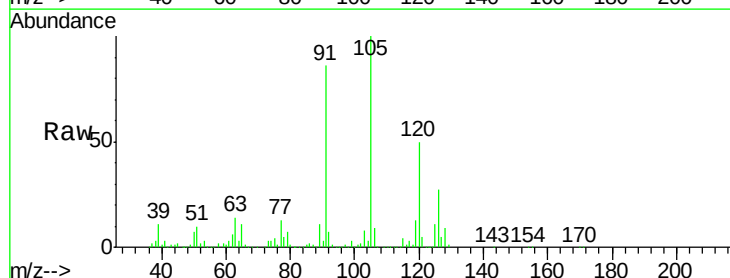
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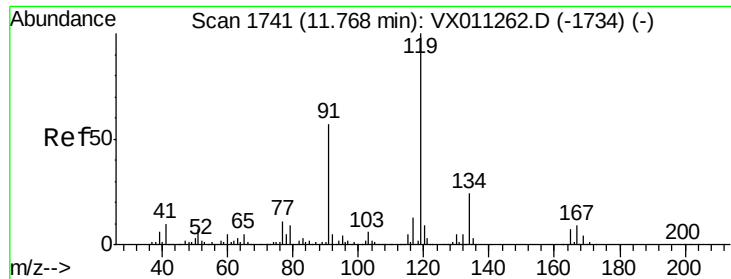
MMDadoda
8/7/2019 11:25:41 AM



#82
4-Chlorotoluene
Concen: 19.133 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.4	49.2





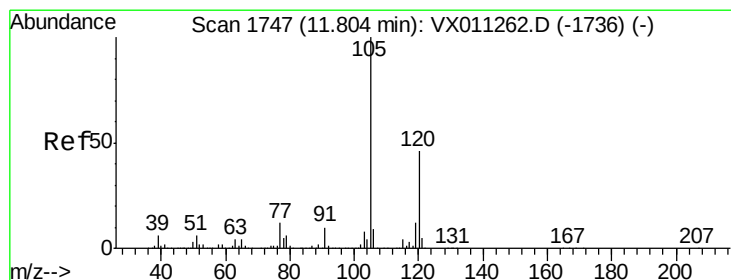
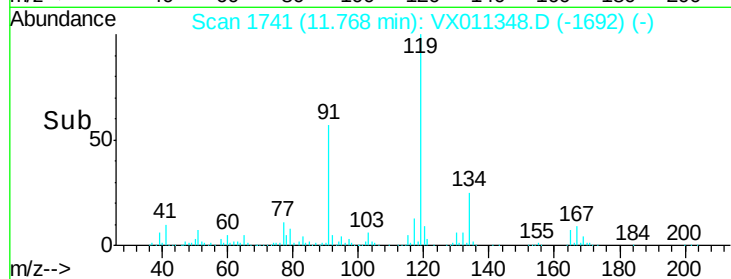
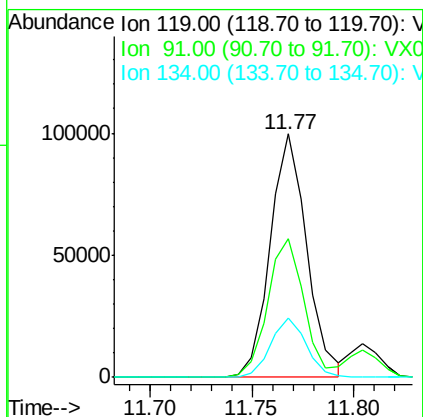
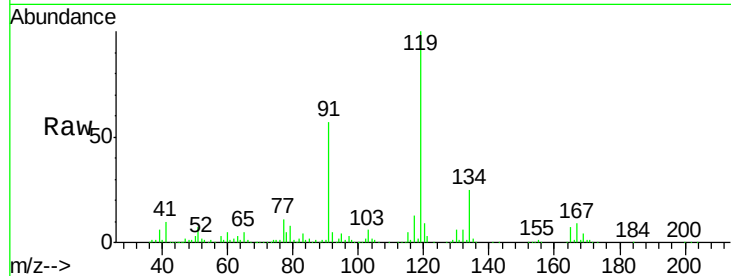
#83
 tert-Butylbenzene
 Concen: 19.269 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	124653		
91	57.2	28.0	84.0	
134	24.0	11.9	35.5	

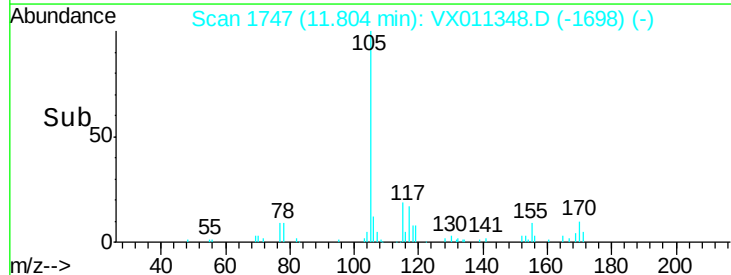
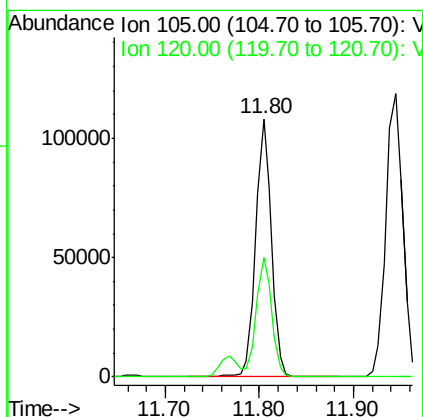
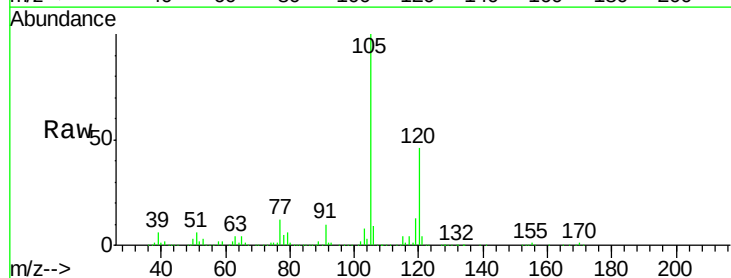
Manual Integrations
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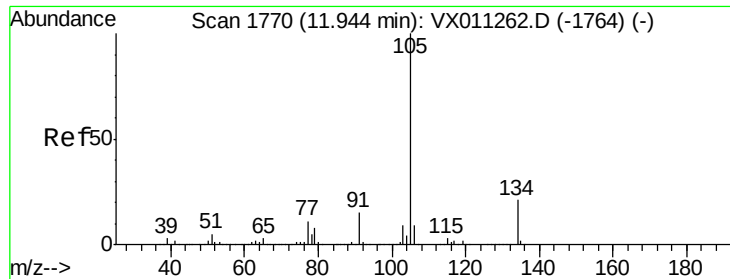
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.520 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	128189		
120	45.6	23.0	69.0	





#85

sec-Butylbenzene

Concen: 19.201 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0806WBSD01

Tot Ion:105 Resp: 149233

Ion Ratio Lower Upper

105 100

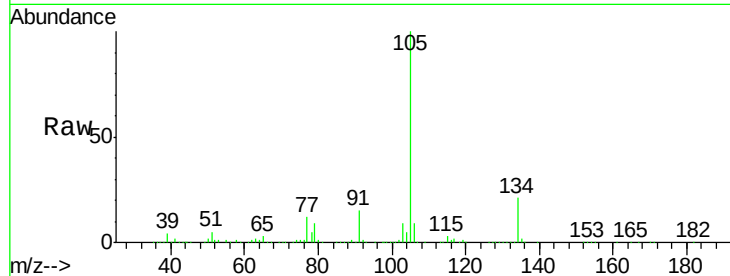
134 20.8 10.4 31.4

Manual Integrations

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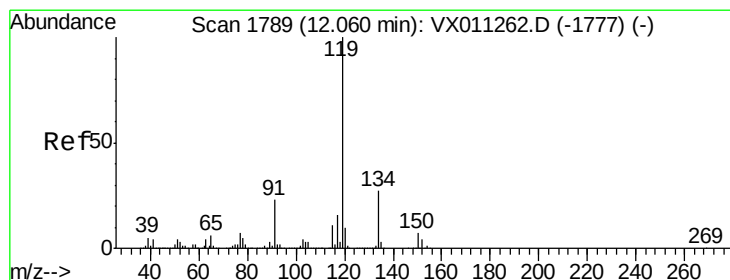
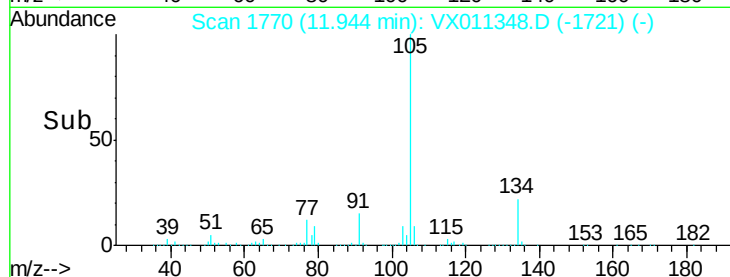
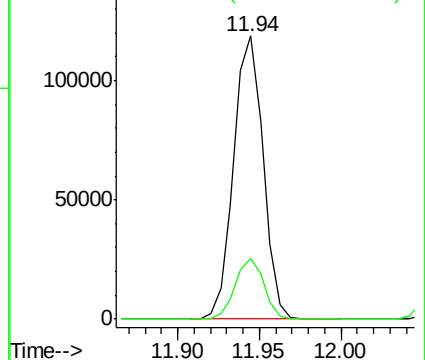
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.901 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

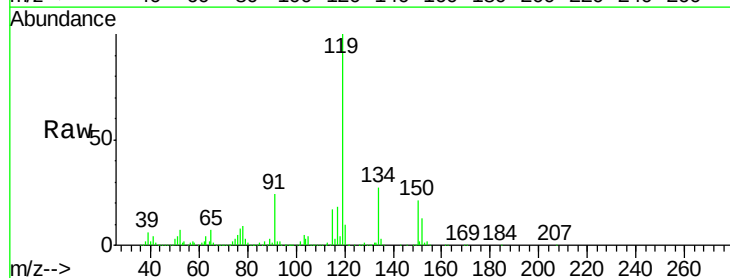
Tgt Ion:119 Resp: 135145

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.0

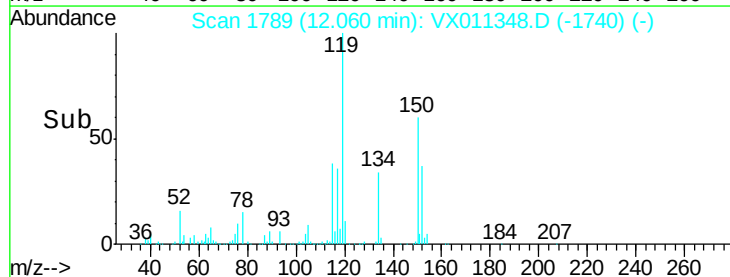
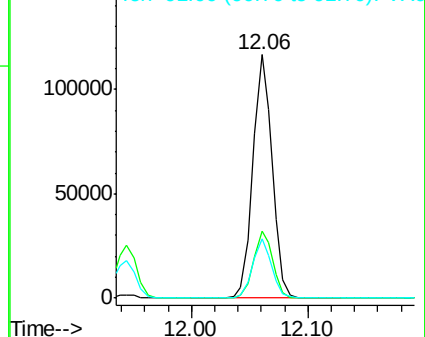
91 24.2 11.4 34.2

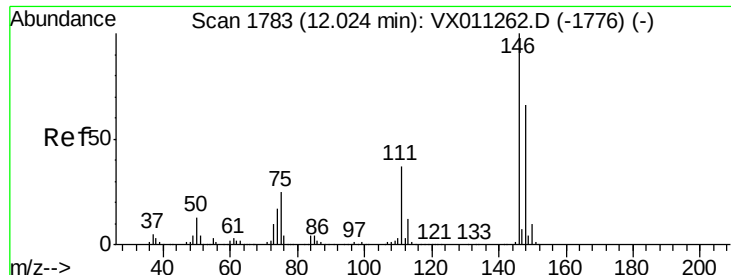


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





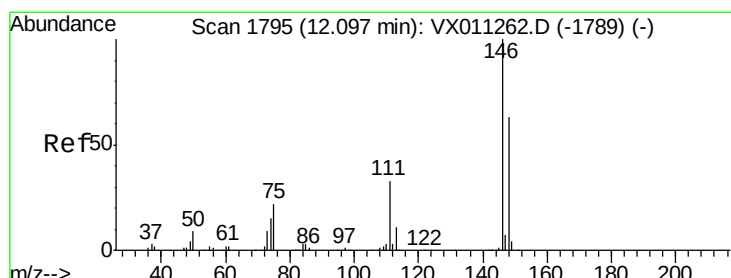
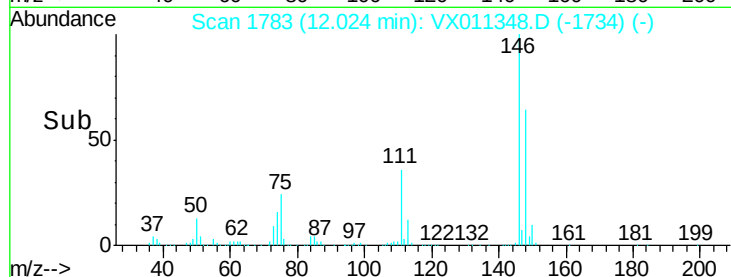
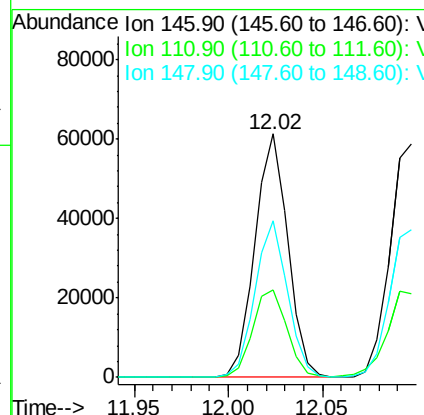
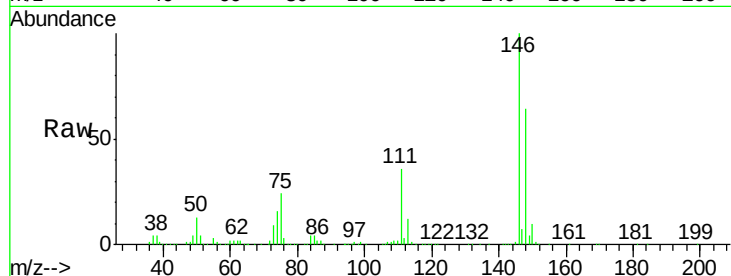
#87
 1,3-Dichlorobenzene
 Concen: 19.230 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	63.6	32.5	97.5

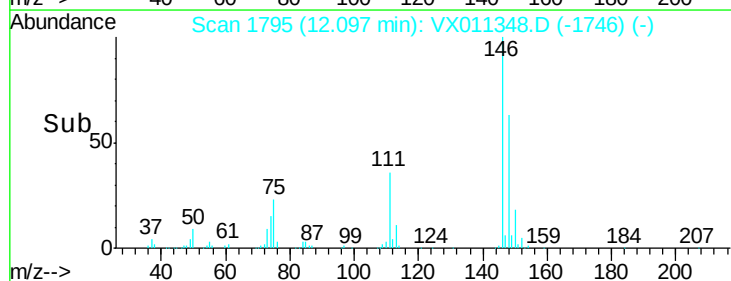
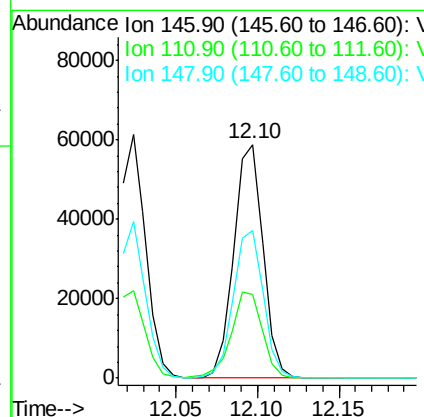
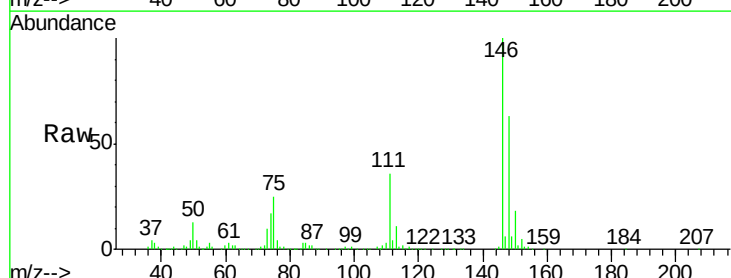
Manual Integrations
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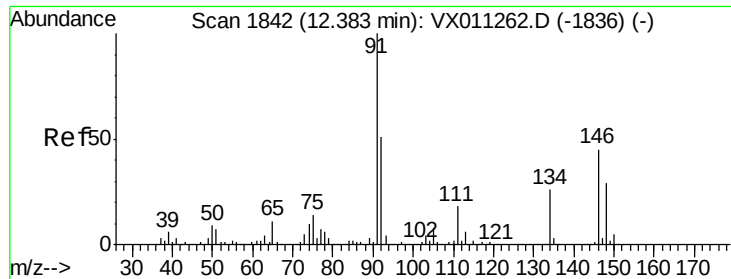
MMDadoda
 8/7/2019 11:25:41 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.405 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	17.8	53.4
148	64.8	31.8	95.3





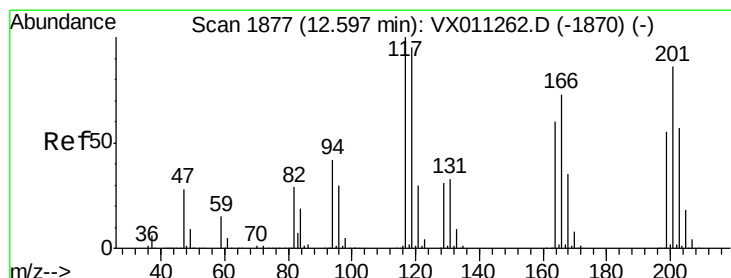
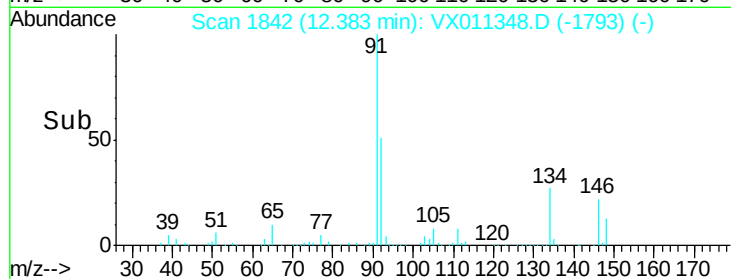
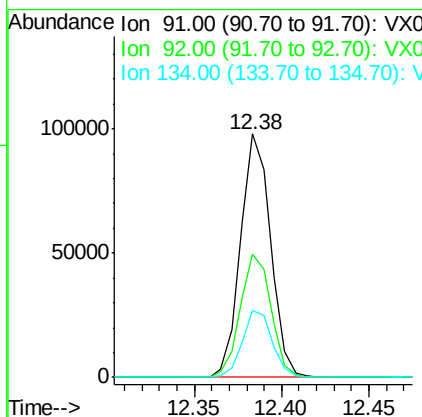
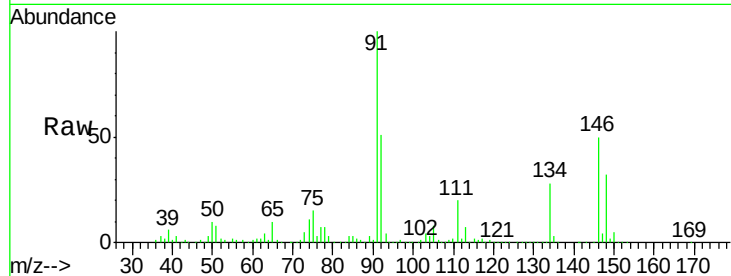
#89
n-Butylbenzene
Concen: 19.032 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Instrument :
MSVOA_X
ClientSampled :
VX0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	117239		
92	51.7	25.8	77.3	
134	27.2	13.7	41.0	

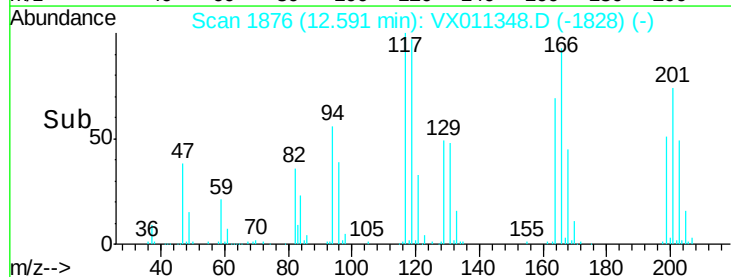
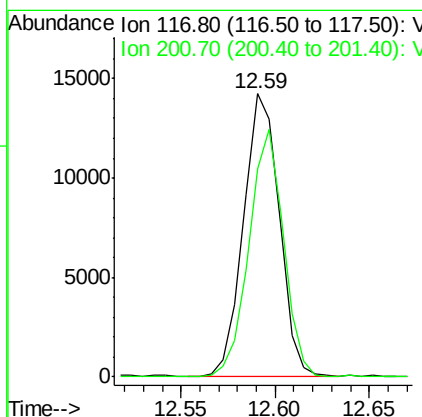
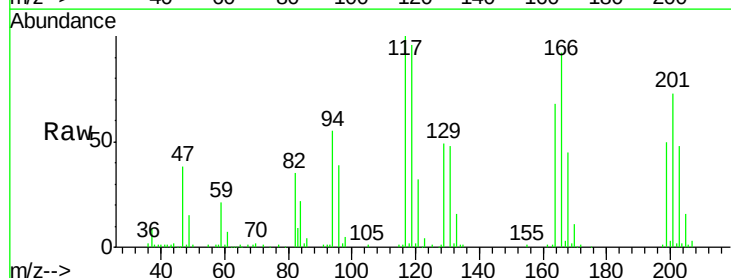
Manual Integrations
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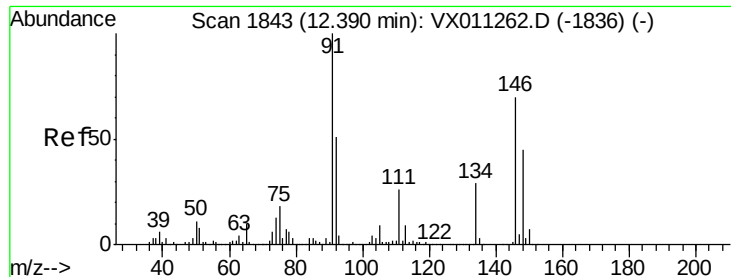
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#90
Hexachloroethane
Concen: 17.776 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011348.D
Acq: 06 Aug 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	18791		
201	83.8	41.8	125.4	





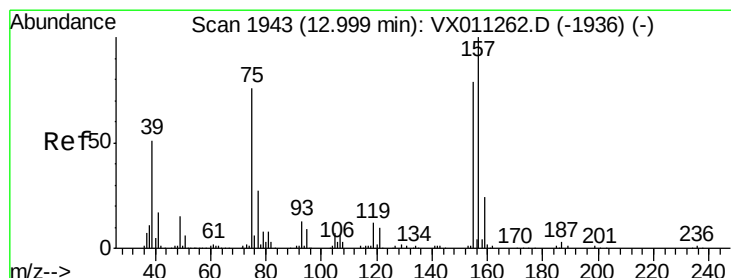
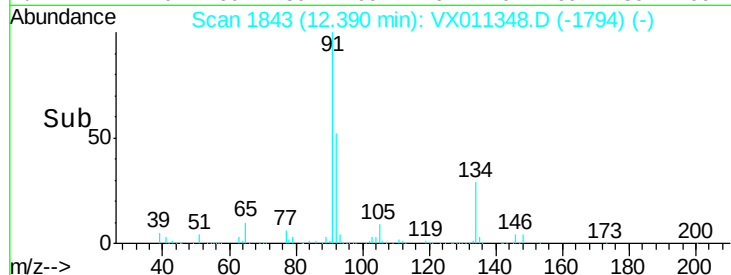
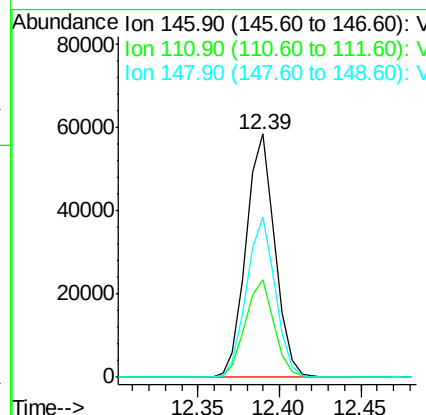
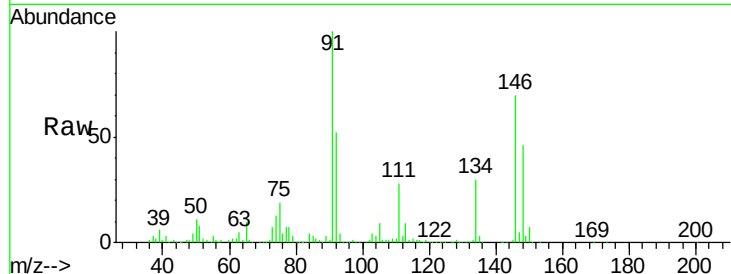
#91
 1,2-Dichlorobenzene
 Concen: 18.668 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.1	57.1
148	65.7	32.3	96.8

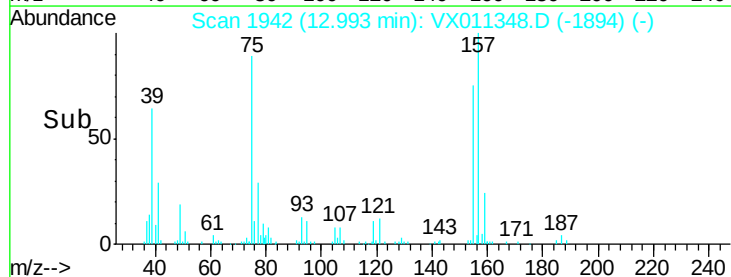
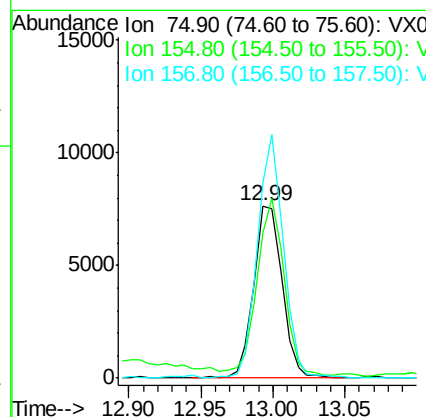
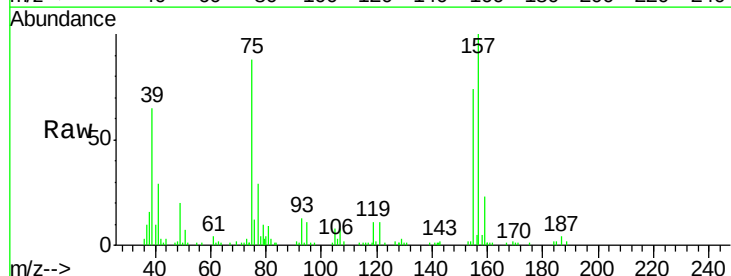
Manual Integrations
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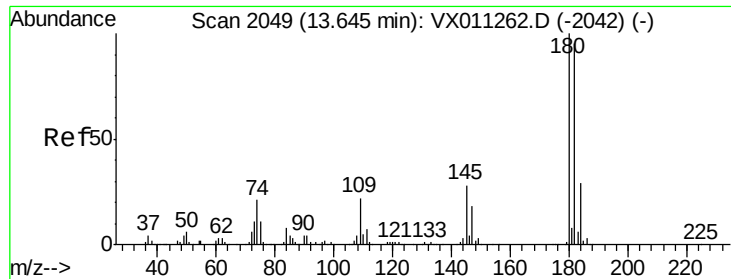
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 8/7/2019 11:25:41 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.428 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011348.D
 Acq: 06 Aug 2019 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.7	51.9	155.8
157	129.3	64.3	192.7





#93

1,2,4-Trichlorobenzene

Concen: 19.617 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

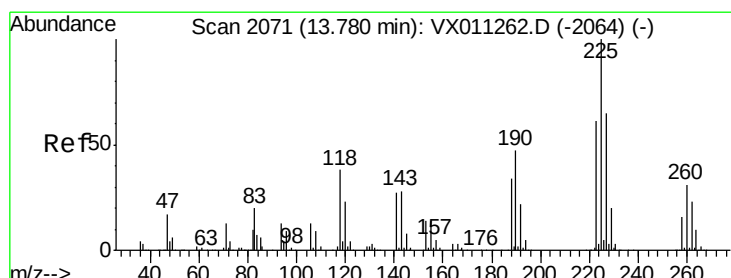
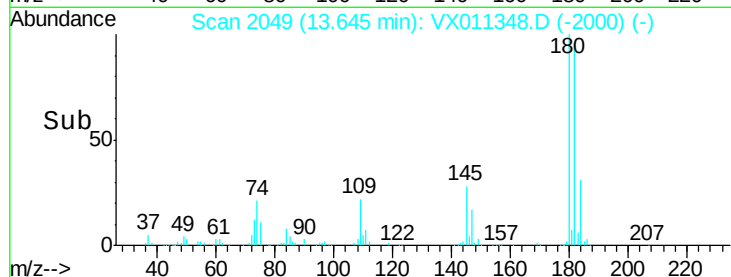
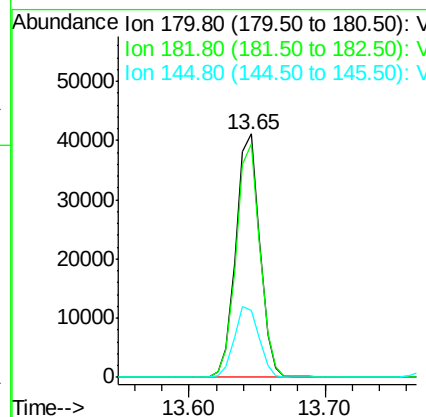
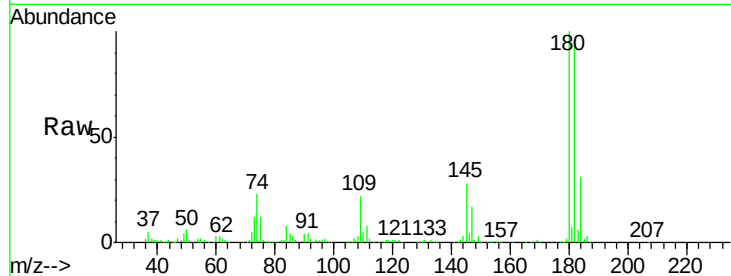
ClientSampled :

VX0806WBSD01

Tot Ion:	180	Resp:	50464
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.8	143.4
145	30.3	14.8	44.3

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 18.562 ug/l

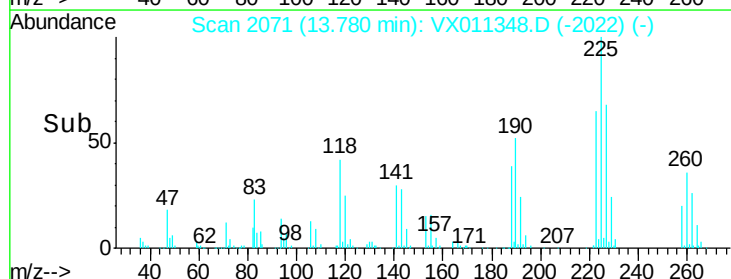
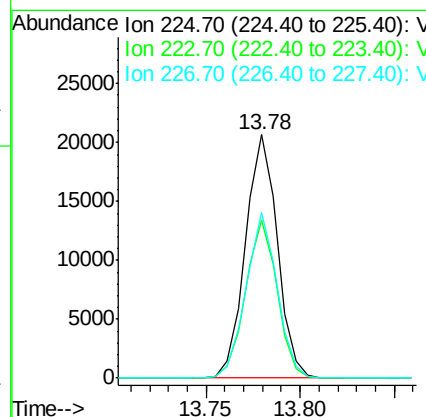
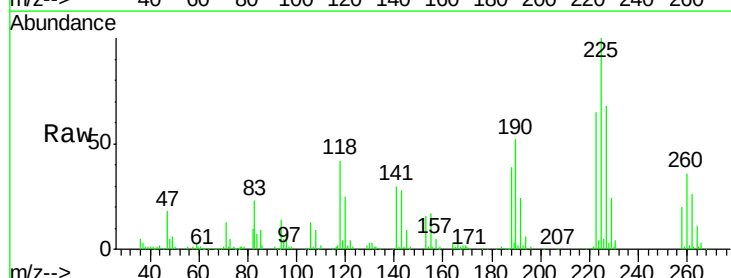
RT: 13.78 min Scan# 2071

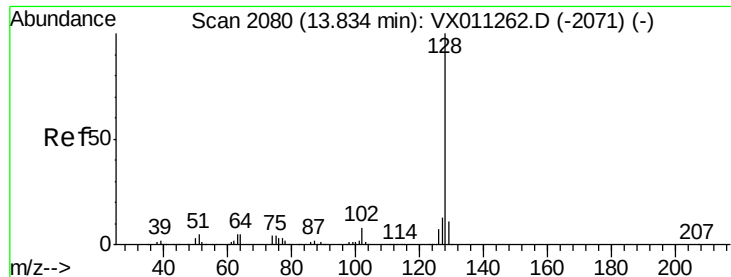
Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion:	225	Resp:	24226
Ion Ratio	Lower	Upper	
225	100		
223	64.3	31.0	93.0
227	66.2	32.2	96.6





#95

Naphthalene

Concen: 21.074 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Instrument :

MSVOA_X

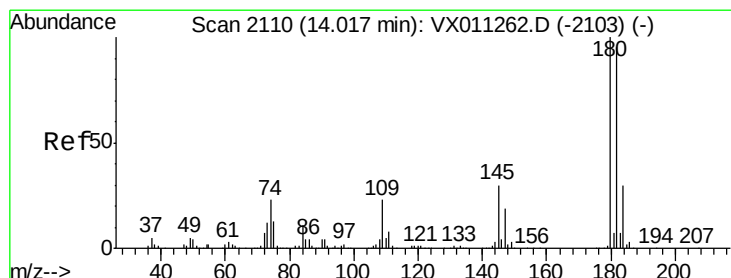
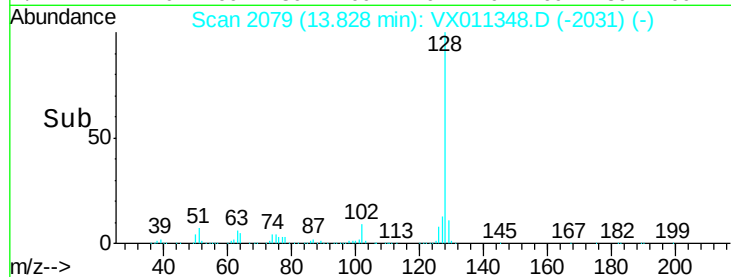
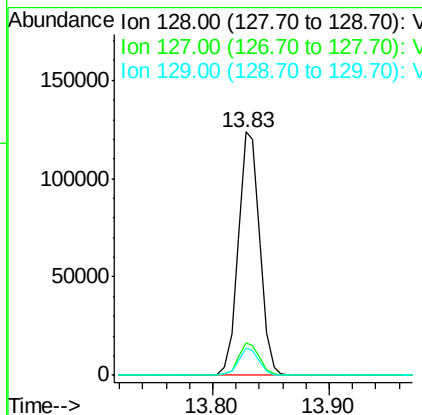
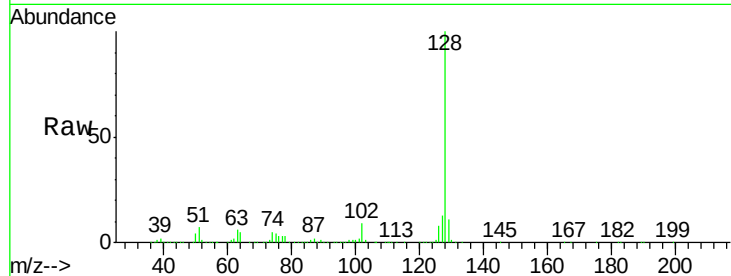
ClientSampled :

VX0806WBSD01

Tot Ion:	128	Resp:	158535
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:41 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.414 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011348.D

Acq: 06 Aug 2019 13:04

Tgt Ion:	180	Resp:	50771
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.4	142.3
145	30.8	15.2	45.6

