

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010330.D
 Acq On : 17 Jun 2019 18:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/18/2019 11:27:04 AM

Quant Time: Jun 18 02:23:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	284283	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	421649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	396050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	136103	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	5.49	113	132015	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	8.71	98	483766	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.13	95	188469	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	119443	45.662	ug/l	98
3) Chloromethane	1.32	50	114126	43.932	ug/l	99
4) Vinyl Chloride	1.40	62	116789	47.834	ug/l	99
5) Bromomethane	1.64	94	51720	56.136	ug/l	99
6) Chloroethane	1.71	64	70056	56.910	ug/l	99
7) Trichlorofluoromethane	1.92	101	194658	53.673	ug/l	100
8) Diethyl Ether	2.18	74	73324	58.658	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119195	47.678	ug/l	90
10) Methyl Iodide	2.51	142	167693	43.293	ug/l	97
11) Tert butyl alcohol	3.05	59	186165	273.861	ug/l	99
12) 1,1-Dichloroethene	2.37	96	114772	44.947	ug/l #	80
13) Acrolein	2.29	56	30567	246.605	ug/l	98
14) Allyl chloride	2.72	41	177915	46.159	ug/l #	90
15) Acrylonitrile	3.14	53	369767	266.123	ug/l	98
16) Acetone	2.44	43	336439	257.776	ug/l	89
17) Carbon Disulfide	2.56	76	272605	36.948	ug/l	98
18) Methyl Acetate	2.77	43	159438	55.547	ug/l #	83
19) Methyl tert-butyl Ether	3.19	73	423557	51.631	ug/l	93
20) Methylene Chloride	2.85	84	136814	47.731	ug/l #	78
21) trans-1,2-Dichloroethene	3.16	96	122814	43.461	ug/l #	78
22) Diisopropyl ether	3.85	45	382713	51.933	ug/l #	82
23) Vinyl Acetate	3.81	43	1704107	259.208	ug/l #	87
24) 1,1-Dichloroethane	3.69	63	213074	47.621	ug/l	97
25) 2-Butanone	4.67	43	518592	266.834	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	178943	43.838	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	151867	48.309	ug/l	79
28) Bromochloromethane	5.01	49	94718	47.234	ug/l #	52
29) Tetrahydrofuran	5.12	42	316140	258.833	ug/l #	76
30) Chloroform	5.20	83	230907	49.692	ug/l	97
31) Cyclohexane	5.57	56	179939	44.560	ug/l #	74
32) 1,1,1-Trichloroethane	5.49	97	198295	45.392	ug/l	94
36) 1,1-Dichloropropene	5.80	75	156870	45.601	ug/l	92
37) Ethyl Acetate	4.83	43	187598	52.413	ug/l #	92
38) Carbon Tetrachloride	5.78	117	175019	44.949	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210227	44.880	ug/l #	85
40) Benzene	6.14	78	516786	48.583	ug/l	99
41) Methacrylonitrile	5.04	41	102458	52.919	ug/l #	85
42) 1,2-Dichloroethane	6.19	62	171429	50.481	ug/l	93
43) Isopropyl Acetate	6.44	43	312925	52.289	ug/l #	89
44) Trichloroethene	7.21	130	153230	47.789	ug/l	88
45) 1,2-Dichloropropane	7.51	63	135311	50.823	ug/l	98
46) Dibromomethane	7.66	93	99013	49.640	ug/l	89
47) Bromodichloromethane	7.90	83	185820	49.856	ug/l	99
48) Methyl methacrylate	7.77	41	149132	53.285	ug/l #	79
49) 1,4-Dioxane	7.74	88	84982	1064.993	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	1007898	281.921	ug/l	90
52) Toluene	8.78	92	339222	48.514	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	213189	49.451	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	226827	49.079	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	154277	53.874	ug/l	96
56) Ethyl methacrylate	9.18	69	242148	53.530	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	235262	52.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	561835	263.460	ug/l #	86
59) 2-Hexanone	9.49	43	789890	277.108	ug/l	88
60) Dibromochloromethane	9.58	129	175055	51.681	ug/l	100
61) 1,2-Dibromoethane	9.67	107	165602	51.923	ug/l	99
64) Tetrachloroethene	9.34	164	148228	50.391	ug/l	99
65) Chlorobenzene	10.13	112	395667	48.405	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	153379	48.793	ug/l	99
67) Ethyl Benzene	10.25	91	663824	47.705	ug/l	95
68) m/p-Xylenes	10.35	106	515085	95.656	ug/l	91
69) o-Xylene	10.69	106	256520	47.923	ug/l	90
70) Styrene	10.71	104	449470	49.579	ug/l	95
71) Bromoform	10.85	173	145244	50.261	ug/l	98
73) Isopropylbenzene	11.02	105	678566	46.664	ug/l	96
74) N-amyl acetate	10.90	43	285346	49.640	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	244660	49.151	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	205950m	49.428	ug/l	
77) Bromobenzene	11.25	156	192009	48.016	ug/l	82
78) n-propylbenzene	11.36	91	758903	46.878	ug/l	94
79) 2-Chlorotoluene	11.42	91	446044	45.875	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	575655	47.000	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	85153	45.154	ug/l	86
82) 4-Chlorotoluene	11.51	91	521393	47.206	ug/l	92
83) tert-Butylbenzene	11.77	119	574853	46.372	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	579922	46.876	ug/l	94
85) sec-Butylbenzene	11.94	105	679721	47.064	ug/l	96
86) p-Isopropyltoluene	12.06	119	630449	47.750	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	340686	48.368	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	337516	47.534	ug/l	98
89) n-Butylbenzene	12.38	91	550178	48.410	ug/l	97
90) Hexachloroethane	12.59	117	114472	43.524	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	337355	49.265	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52858	45.126	ug/l	69

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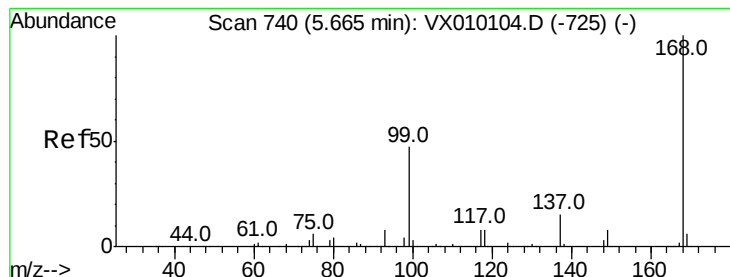
Manual Integrations
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6/18/2019 11:27:04 AM

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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	244306	48.740	ug/l	99
94) Hexachlorobutadiene	13.78	225	107588	48.263	ug/l	99
95) Naphthalene	13.83	128	784805	49.738	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	248979	50.237	ug/l	100

(#) = 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. -0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 284283

Ion Ratio Lower Upper

168 100

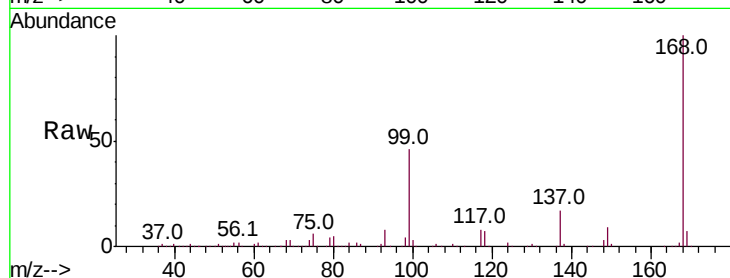
99 46.3 43.0 64.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

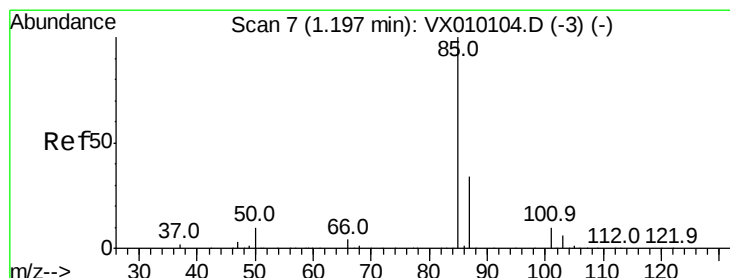
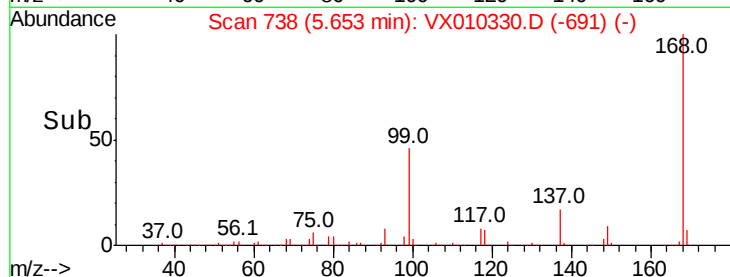
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.662 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010330.D

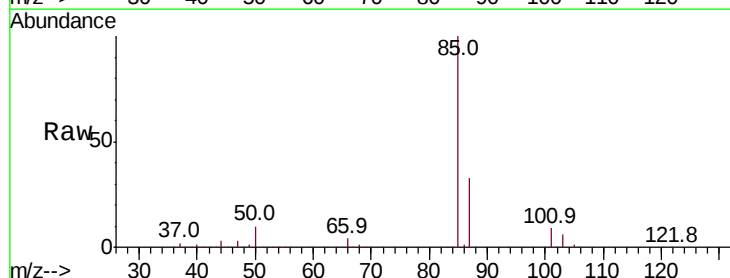
Acq: 17 Jun 2019 18:09

Tgt Ion: 85 Resp: 119443

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

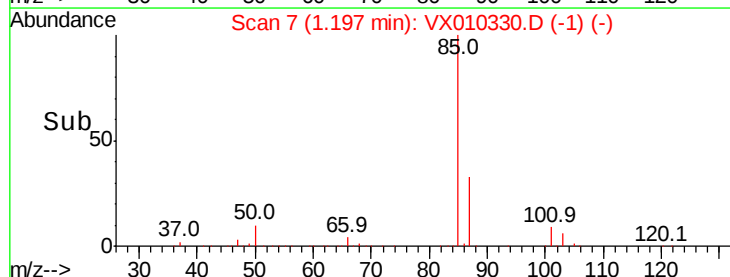
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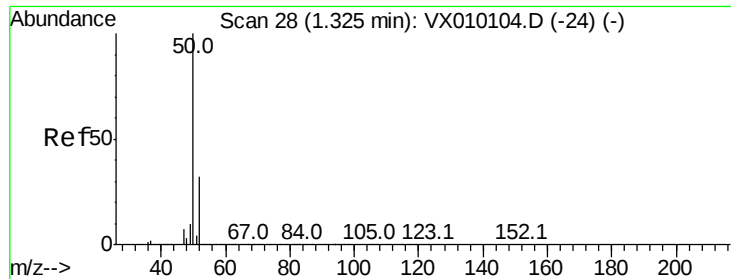
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.932 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 114126

Ion Ratio Lower Upper

50 100

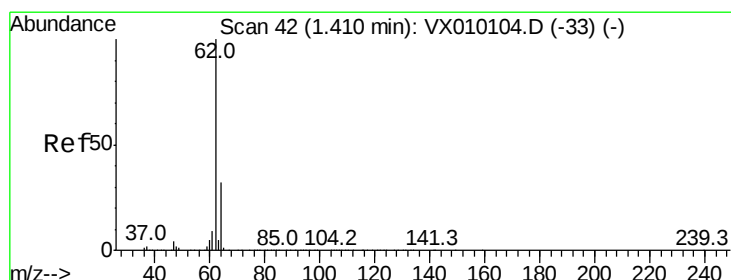
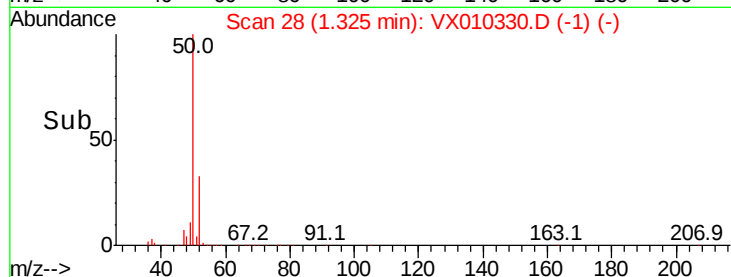
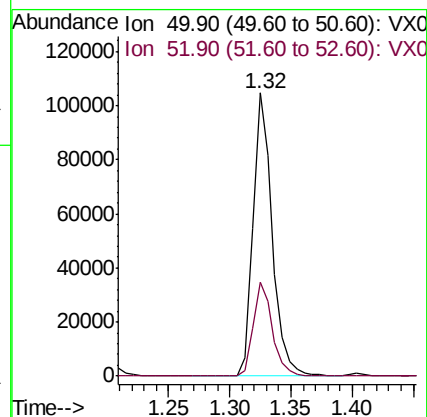
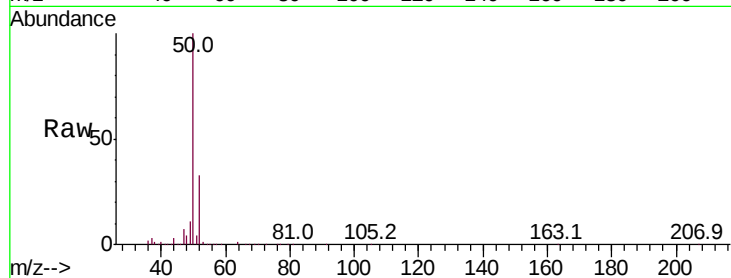
52 33.1 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.834 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010330.D

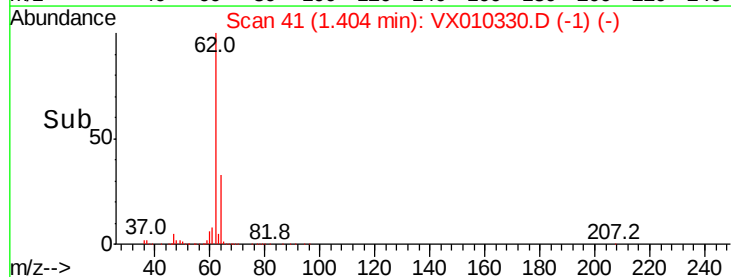
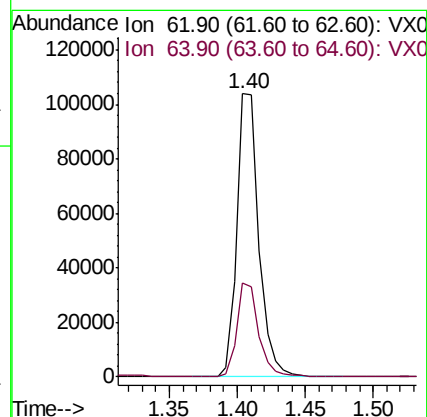
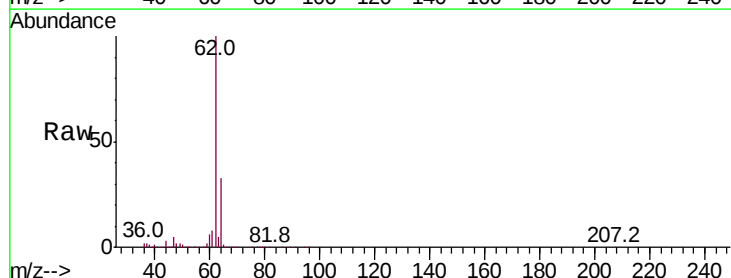
Acq: 17 Jun 2019 18:09

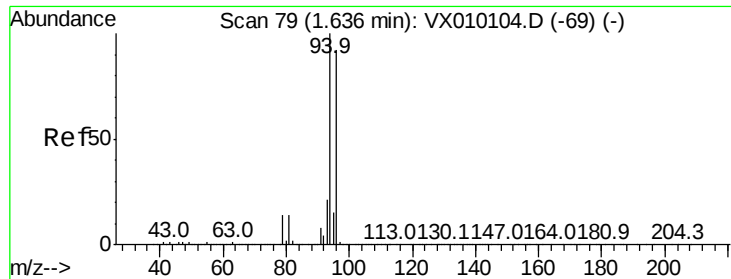
Tgt Ion: 62 Resp: 116789

Ion Ratio Lower Upper

62 100

64 32.9 25.7 38.5





#5

Bromomethane

Concen: 56.136 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 51720

Ion Ratio Lower Upper

94 100

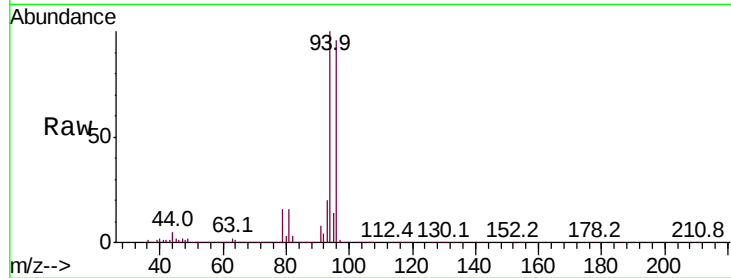
96 96.0 76.2 114.4

Manual Integrations

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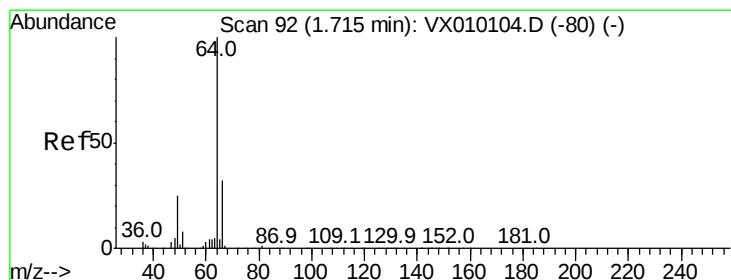
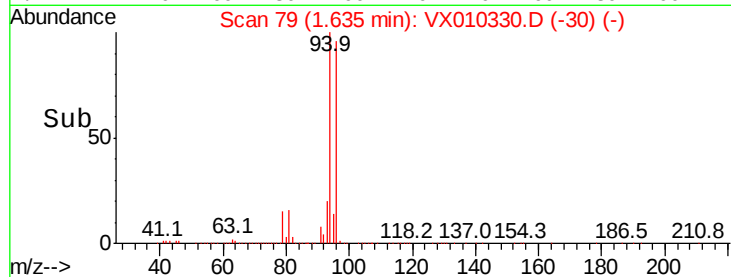
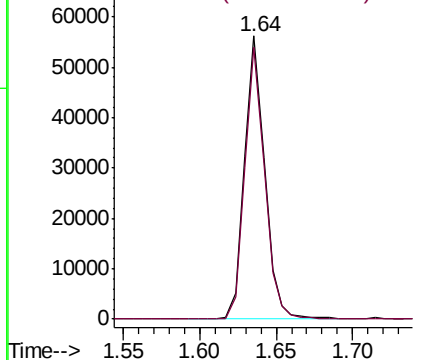
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.910 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010330.D

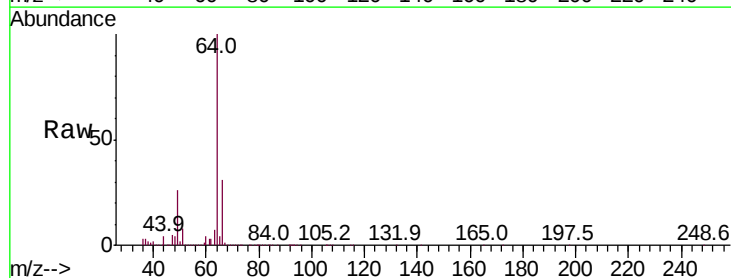
Acq: 17 Jun 2019 18:09

Tgt Ion: 64 Resp: 70056

Ion Ratio Lower Upper

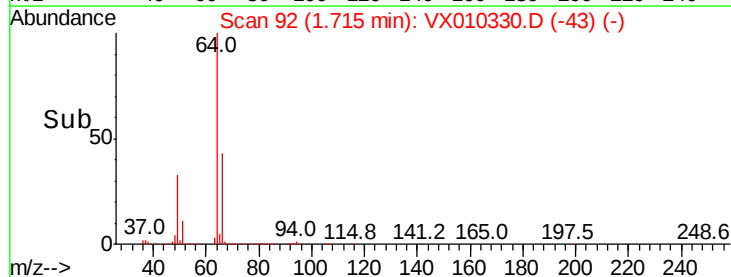
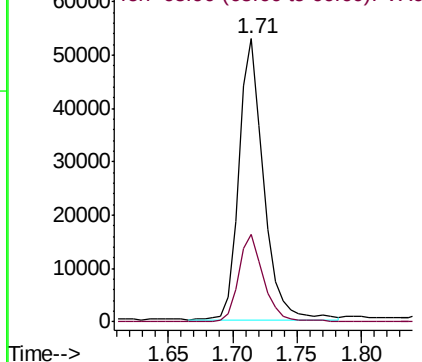
64 100

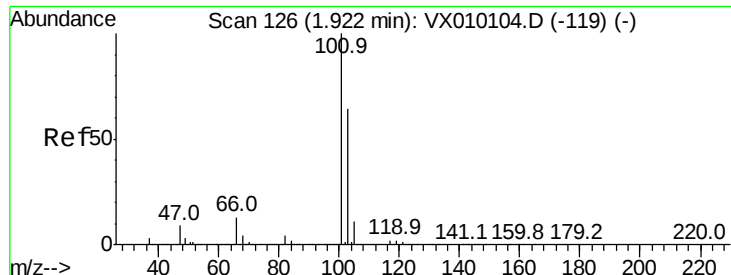
66 31.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

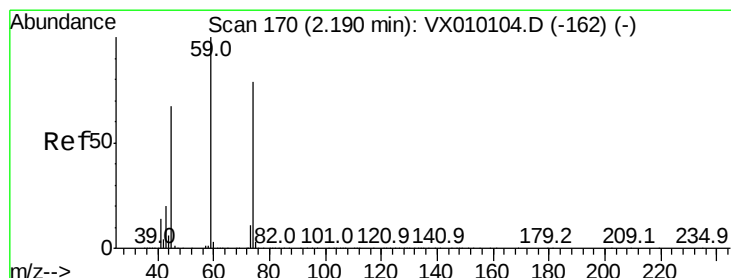
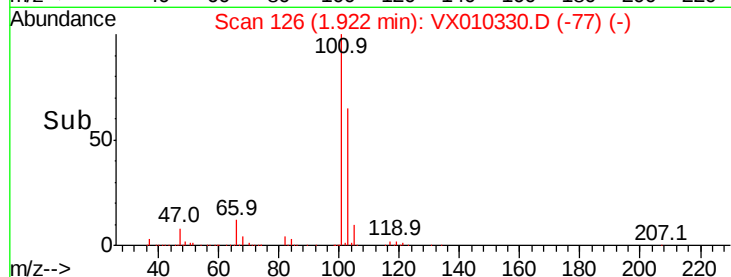
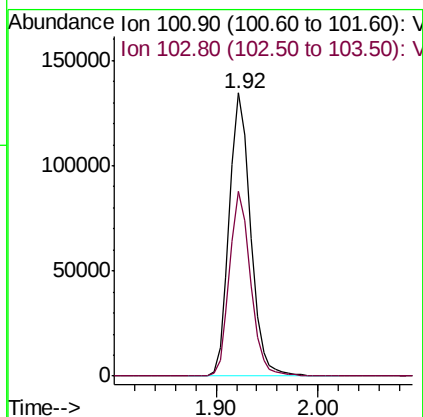
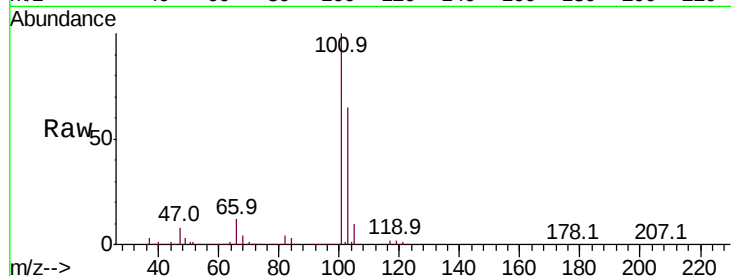
Trichlorofluoromethane
Concen: 53.673 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.2	78.4

Manual Integrations
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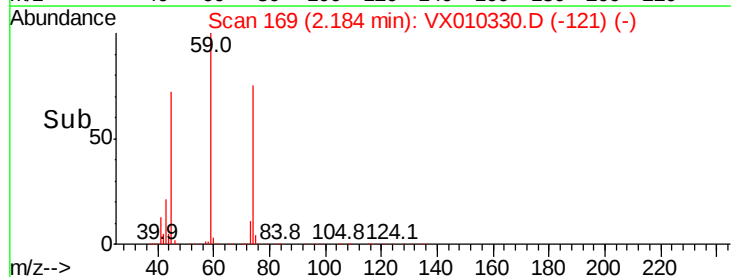
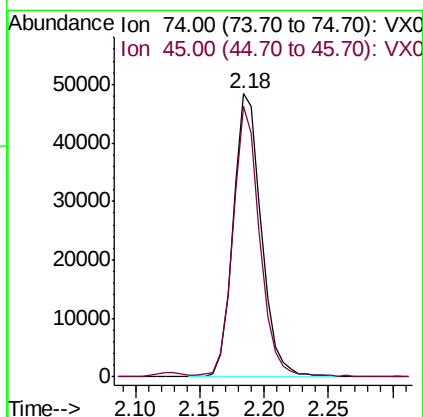
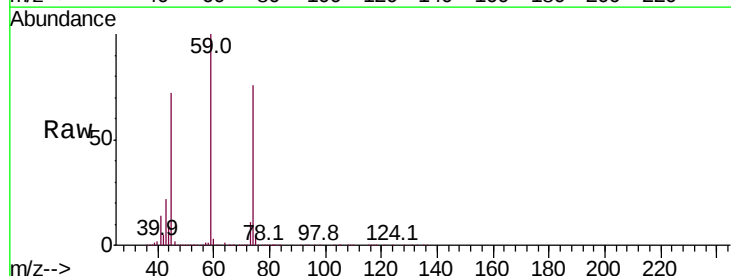
MMDadoda
6/18/2019 11:27:04 AM

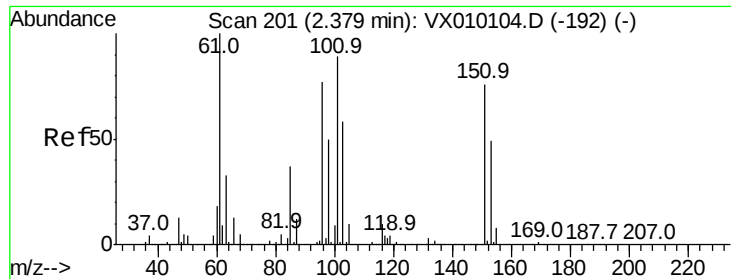


#8

Diethyl Ether
Concen: 58.658 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.1	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.678 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

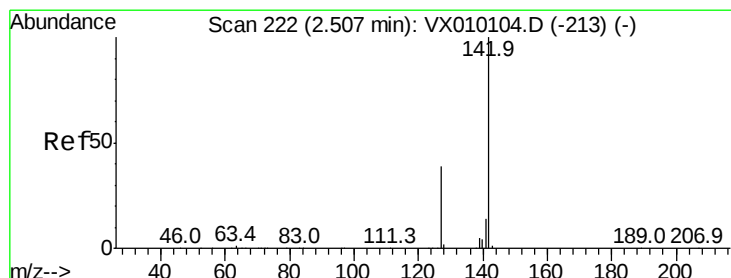
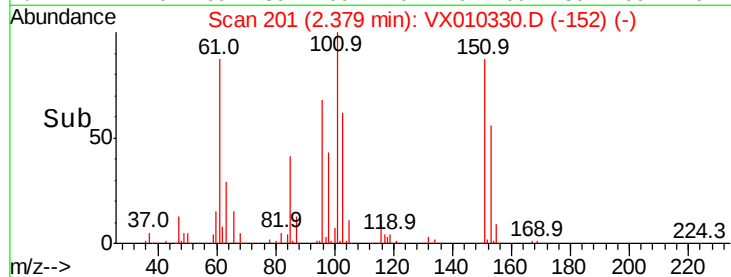
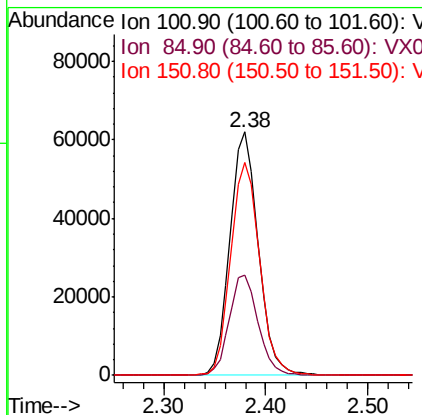
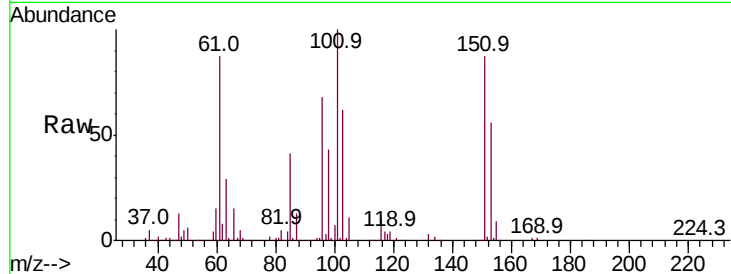
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	119195
Ion Ratio	Lower	Upper	
101	100		
85	42.0	35.2	52.8
151	89.1	61.9	92.9

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#10

Methyl Iodide

Concen: 43.293 ug/l

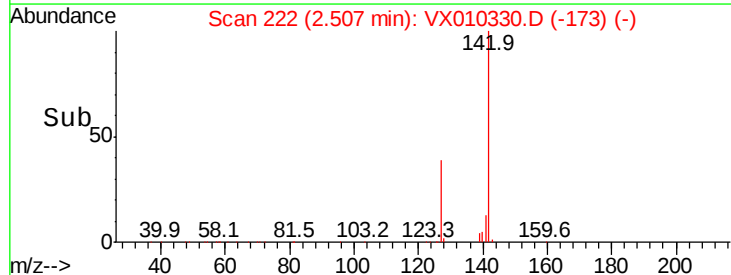
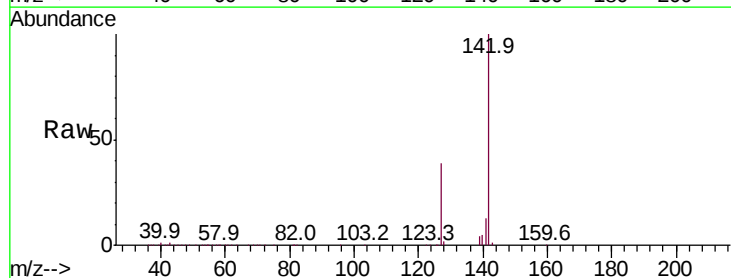
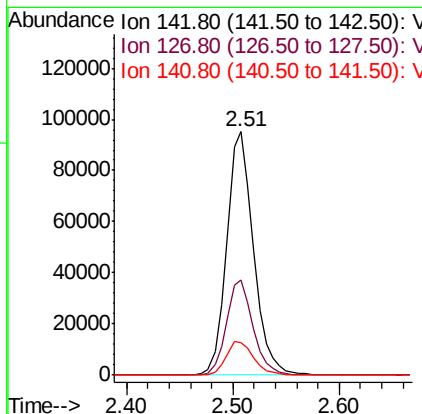
RT: 2.51 min Scan# 222

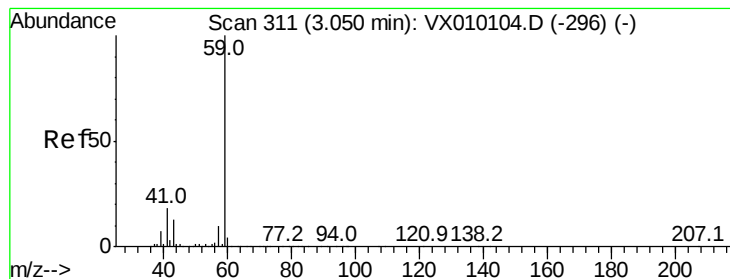
Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Tgt Ion:	142	Resp:	167693
Ion Ratio	Lower	Upper	
142	100		
127	39.1	33.0	49.4
141	14.4	11.4	17.0





#11

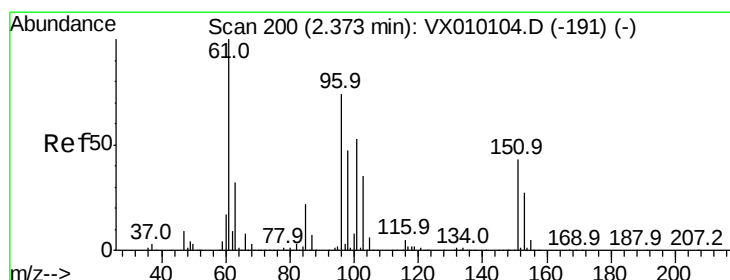
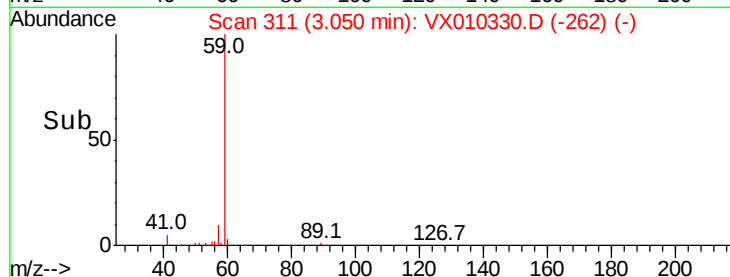
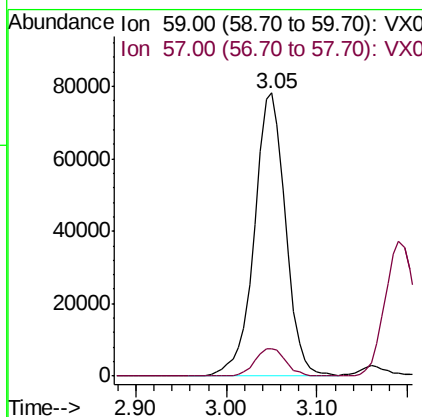
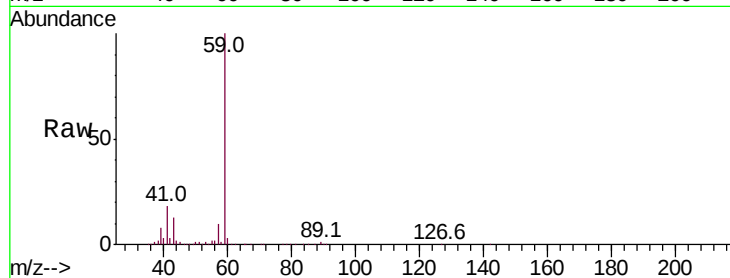
Tert butyl alcohol
 Concen: 273.861 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	186165		
57	9.8		8.2	12.2

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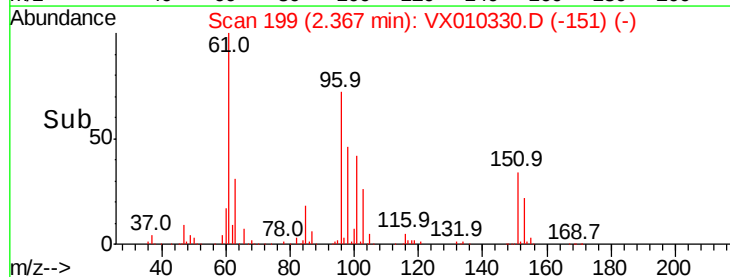
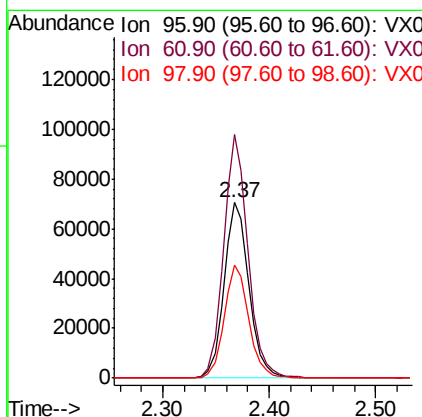
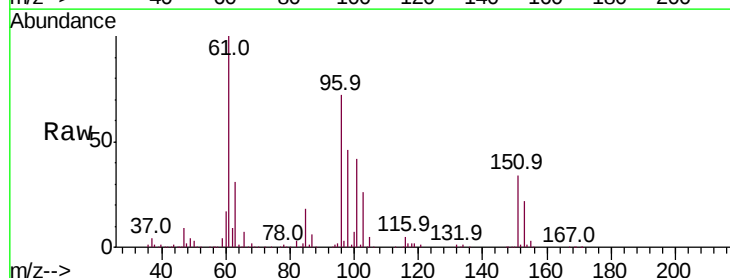
MMDadoda
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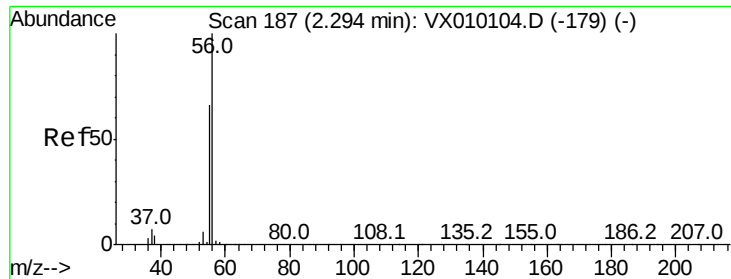


#12

1,1-Dichloroethene
 Concen: 44.947 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	114772		
61	138.8		140.7	211.1#
98	64.4		50.1	75.1





#13

Acrolein

Concen: 246.605 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 30567

Ion Ratio Lower Upper

56 100

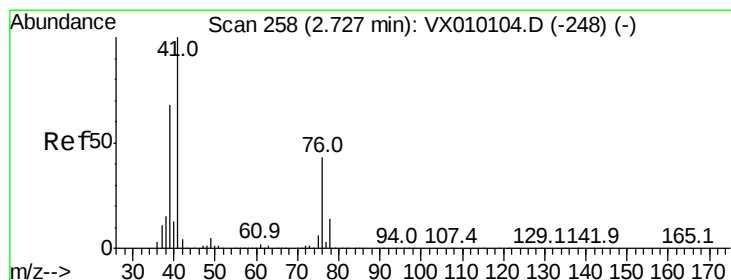
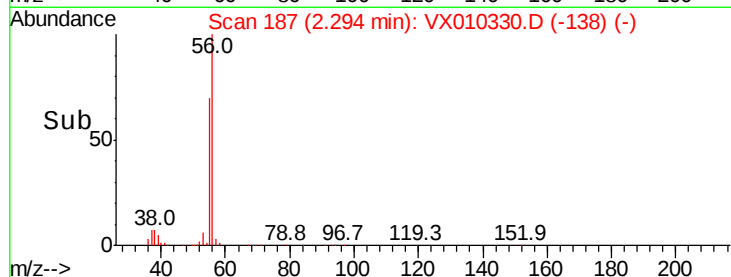
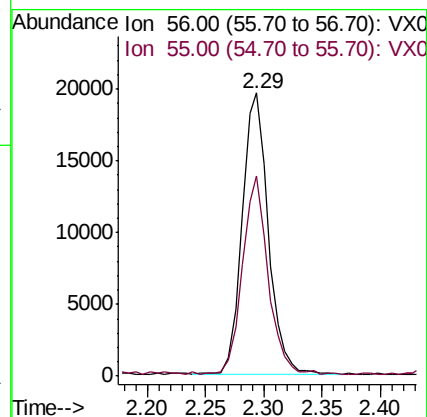
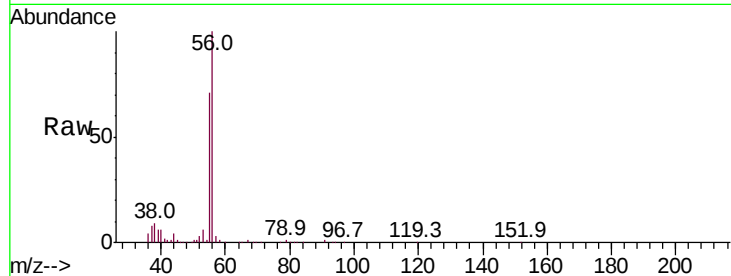
55 69.3 57.0 85.4

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#14

Allyl chloride

Concen: 46.159 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

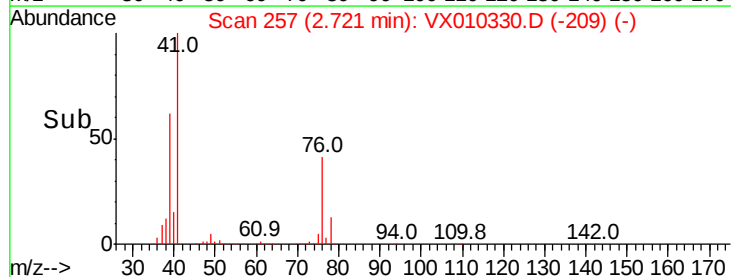
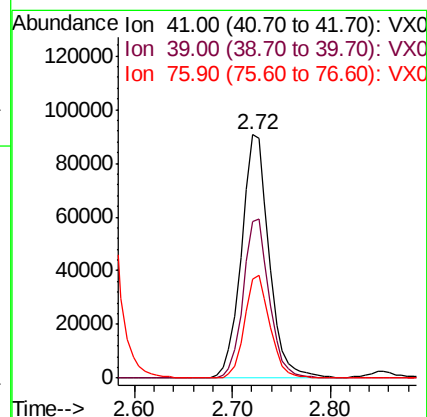
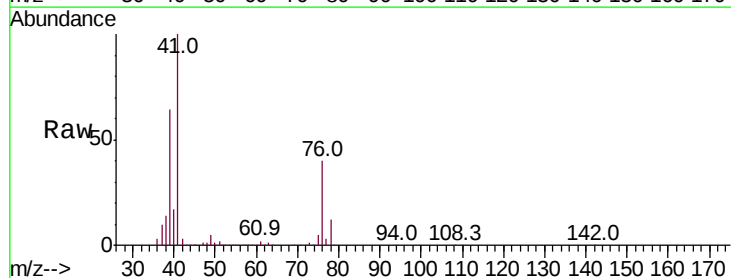
Tgt Ion: 41 Resp: 177915

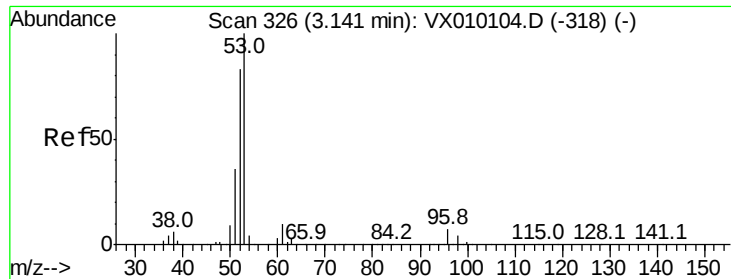
Ion Ratio Lower Upper

41 100

39 60.9 46.7 70.1

76 38.4 21.0 31.4#





#15

Acrylonitrile

Concen: 266.123 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

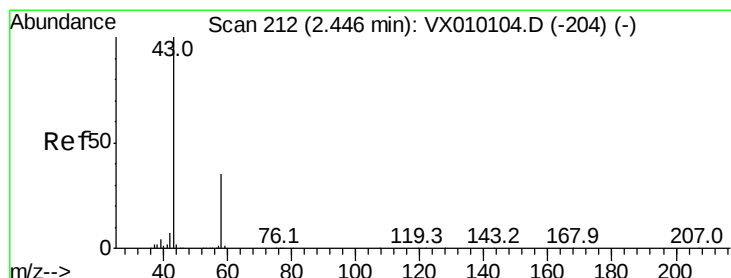
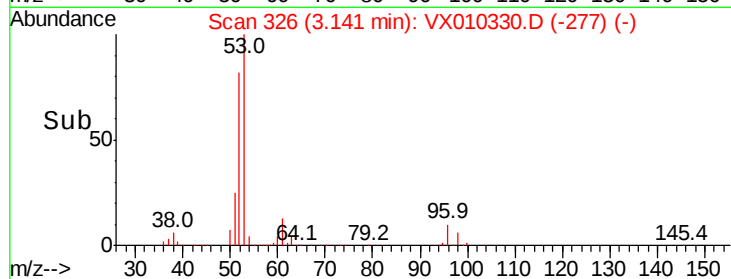
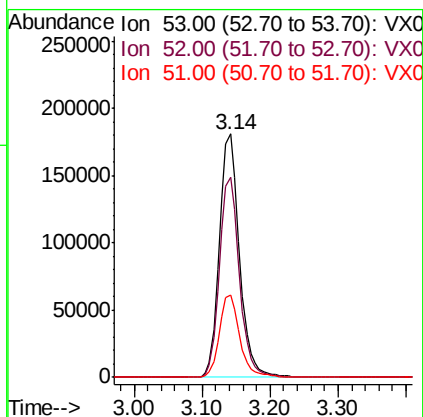
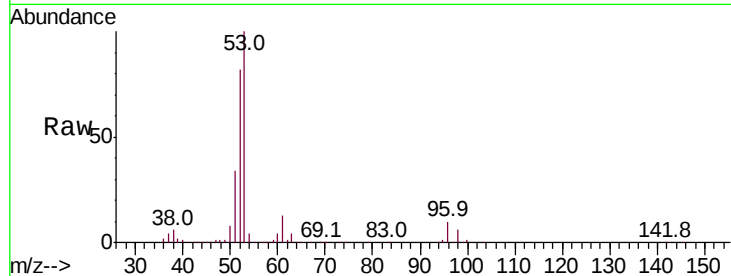
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	369767
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.7	100.1
51	34.4	28.8	43.2

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#16

Acetone

Concen: 257.776 ug/l

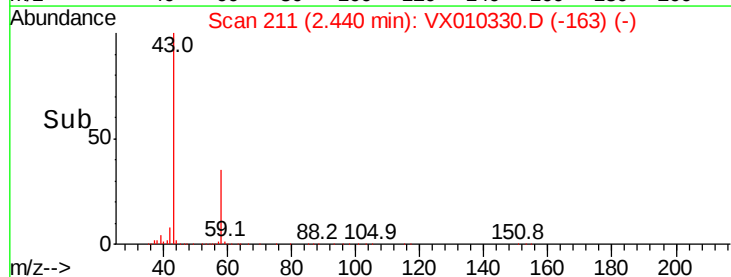
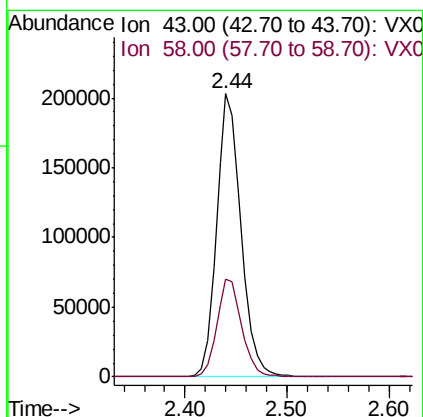
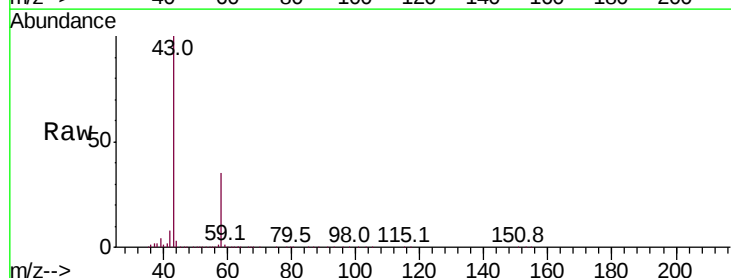
RT: 2.44 min Scan# 211

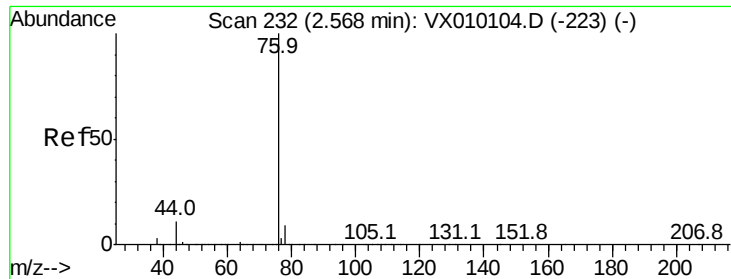
Delta R.T. -0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Tgt Ion:	43	Resp:	336439
Ion Ratio	Lower	Upper	
43	100		
58	34.7	23.2	34.8





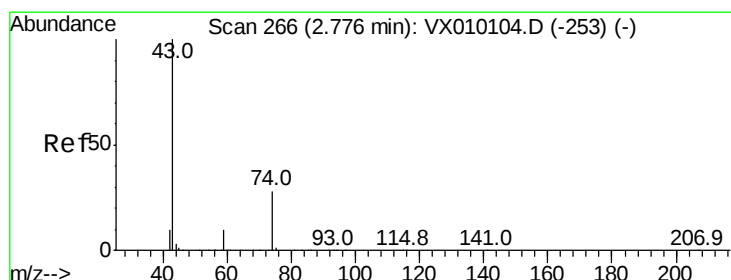
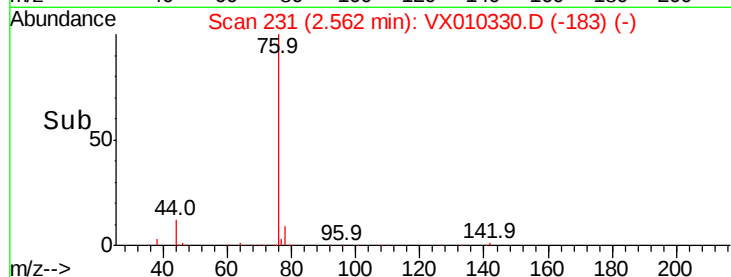
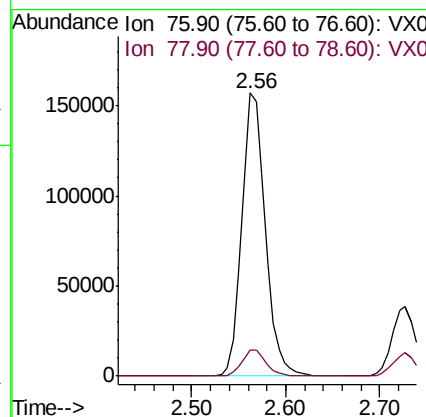
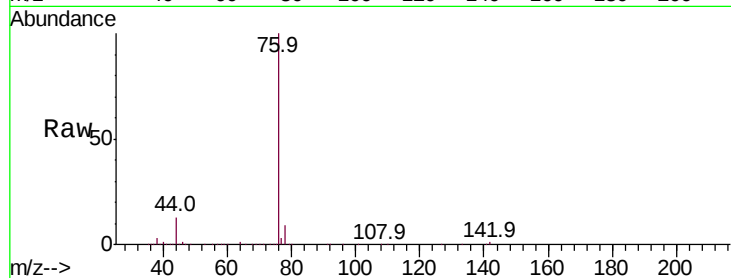
#17
Carbon Disulfide
Concen: 36.948 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

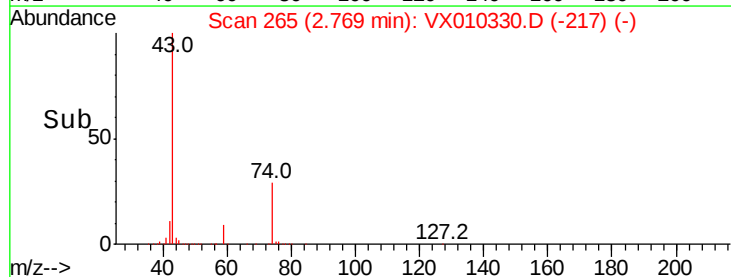
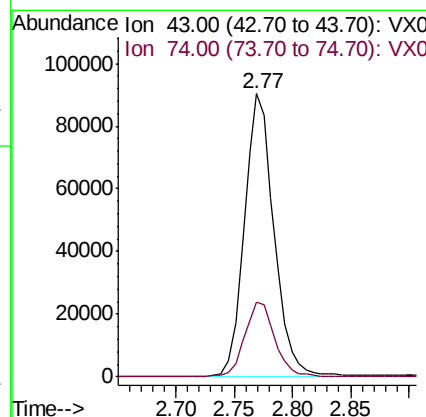
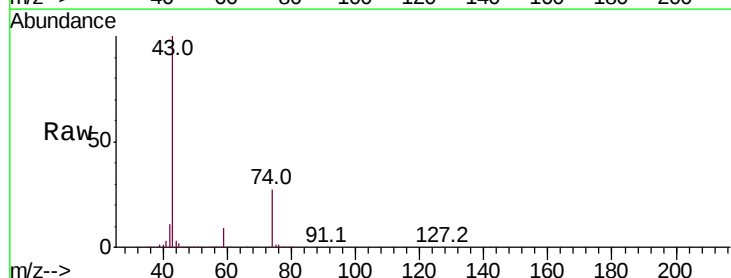
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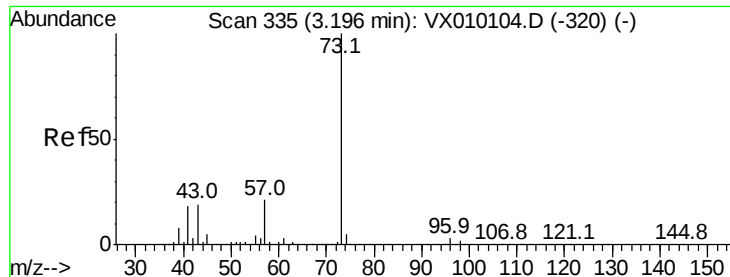
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#18
Methyl Acetate
Concen: 55.547 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	15.8	23.6#





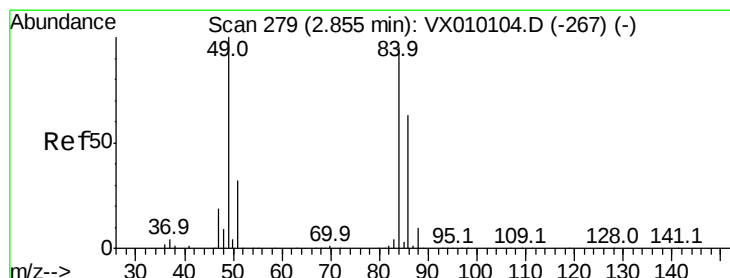
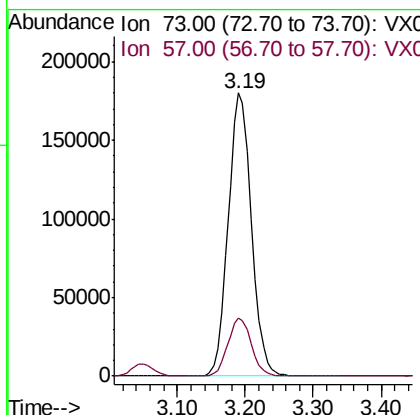
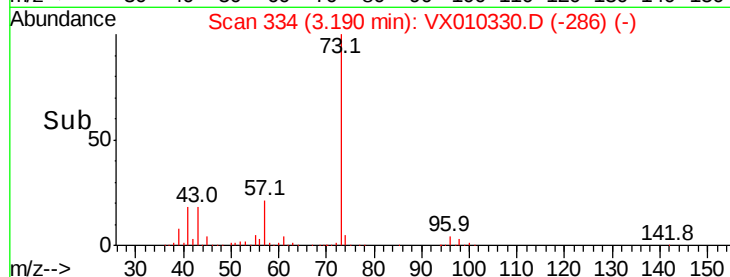
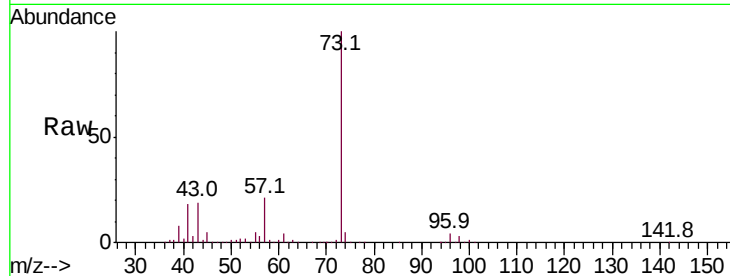
#19
Methyl tert-butyl Ether
Concen: 51.631 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	19.4	29.2

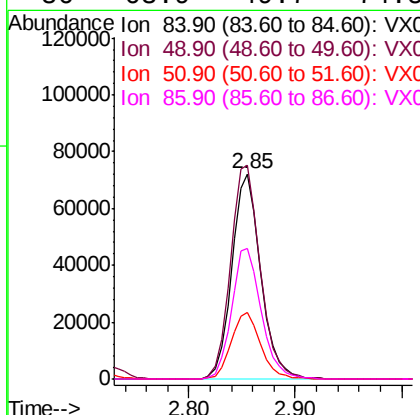
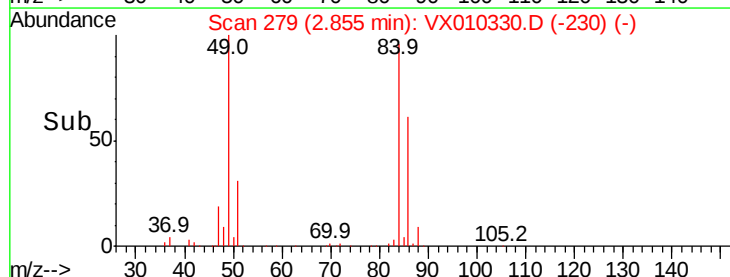
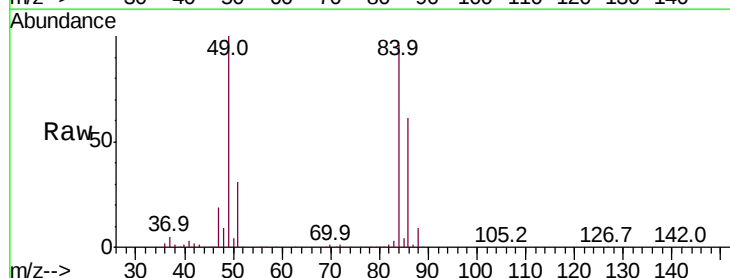
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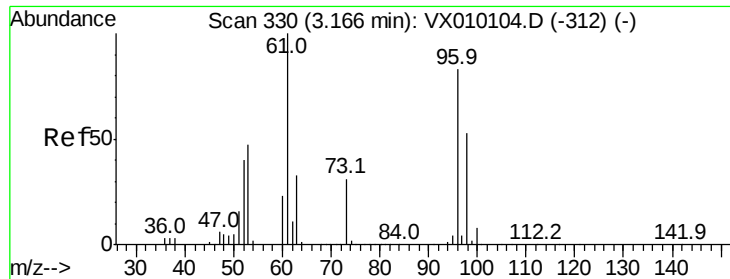
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#20
Methylene Chloride
Concen: 47.731 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	104.0	115.8	173.6#
51	32.2	34.4	51.6#
86	63.9	49.7	74.5





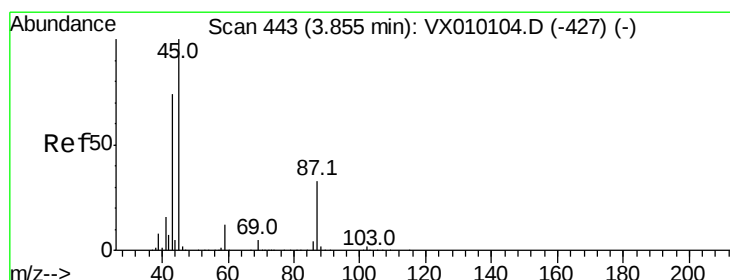
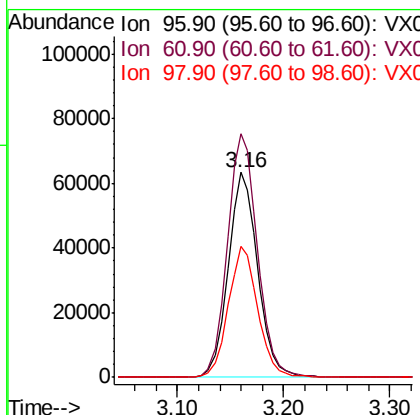
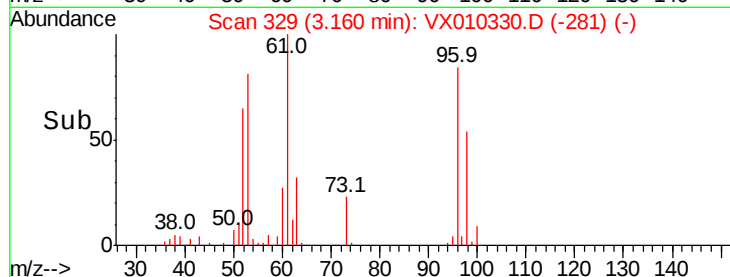
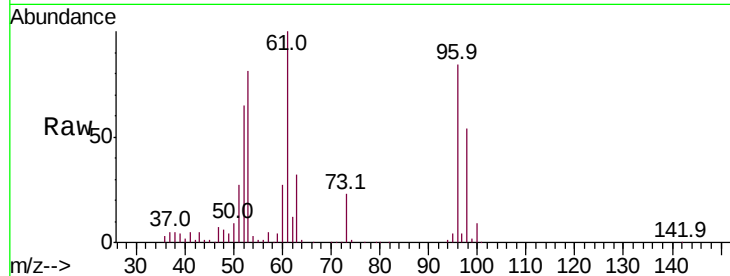
#21
trans-1,2-Dichloroethene
Concen: 43.461 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.9	125.7	188.5#
98	64.1	49.0	73.6

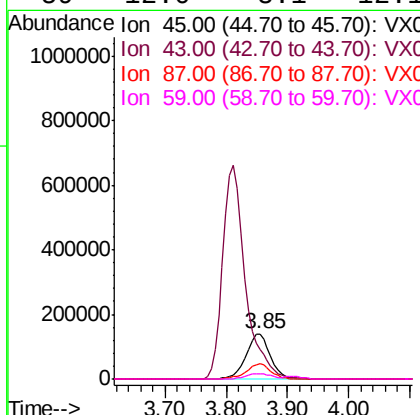
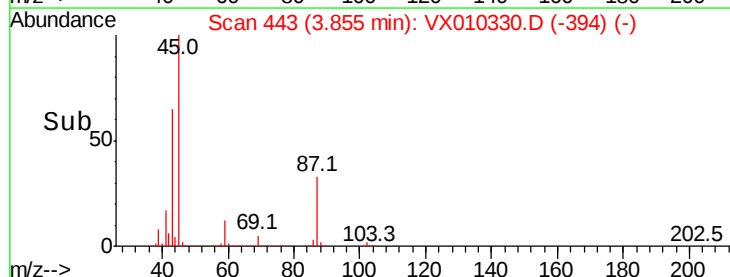
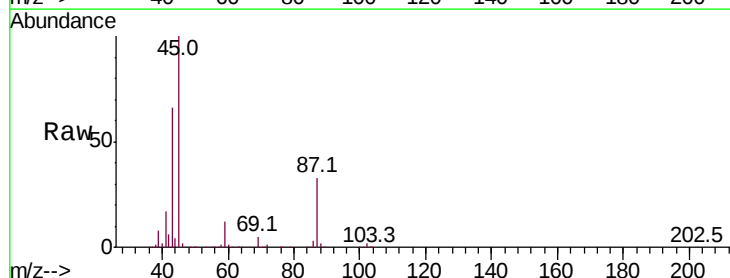
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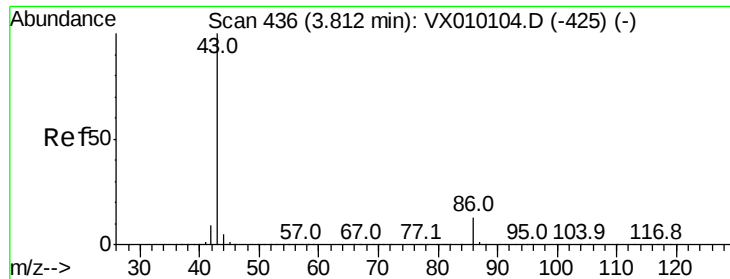
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#22
Diisopropyl ether
Concen: 51.933 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.4	65.0	97.4
87	33.0	17.3	25.9#
59	12.0	8.1	12.1





#23

Vinyl Acetate

Concen: 259.208 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1704107

Ion Ratio Lower Upper

43 100

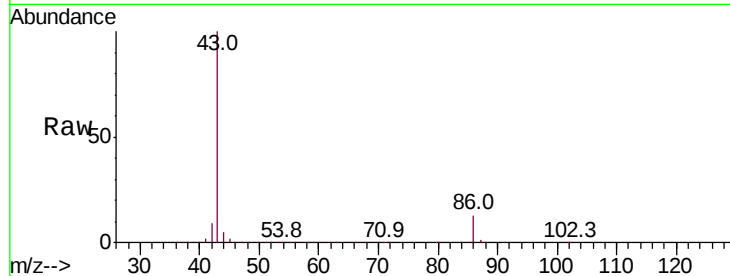
86 12.8 6.5 9.7#

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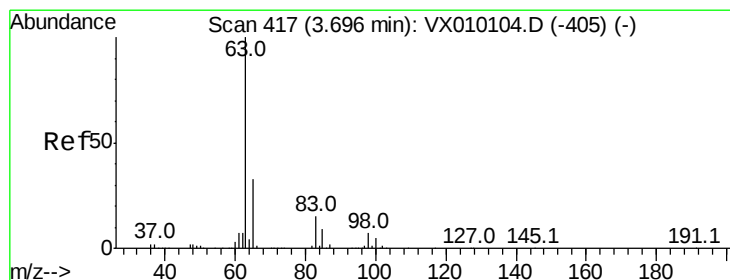
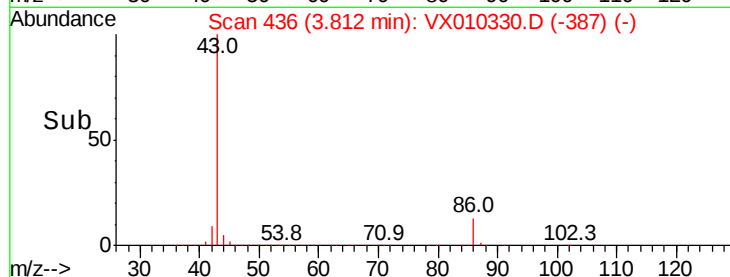
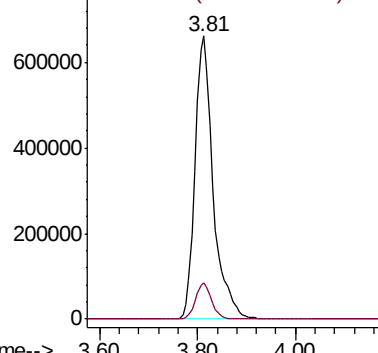
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.621 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

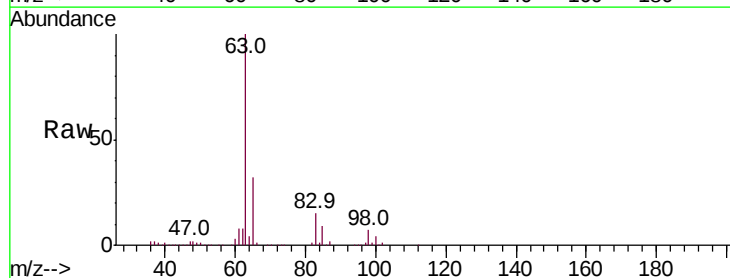
Tgt Ion: 63 Resp: 213074

Ion Ratio Lower Upper

63 100

98 7.3 2.9 8.8

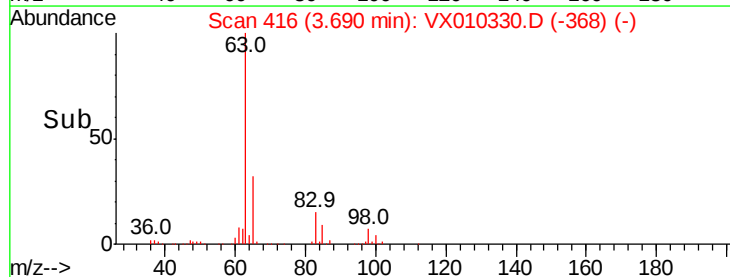
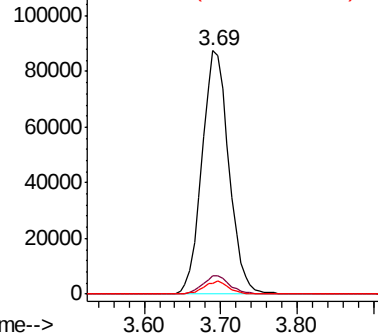
100 4.1 1.8 5.4

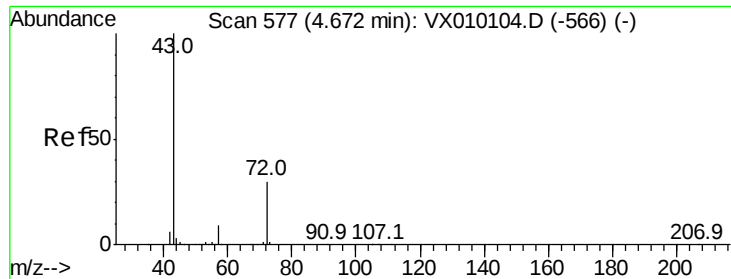


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 266.834 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 518592

Ion Ratio Lower Upper

43 100

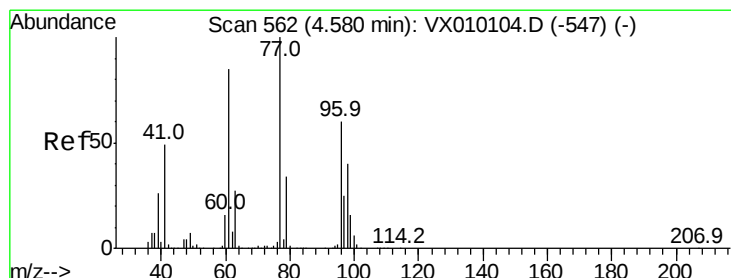
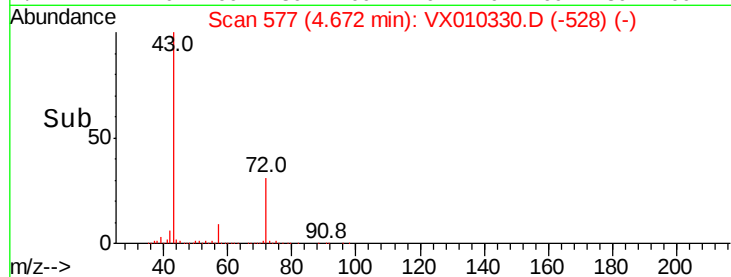
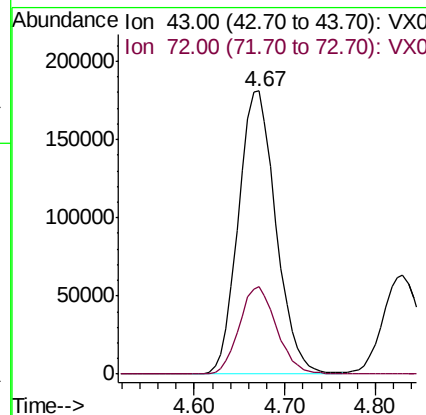
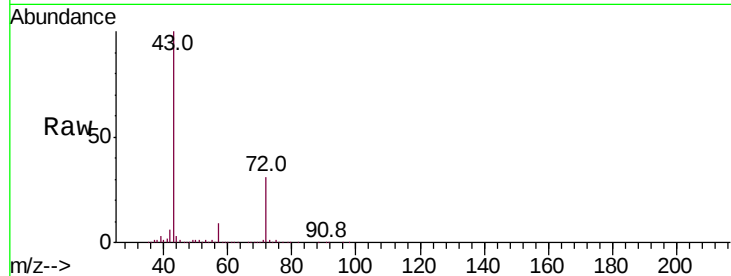
72 30.6 17.5 26.3#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.838 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010330.D

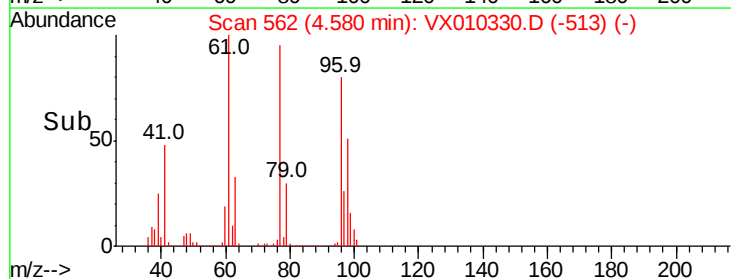
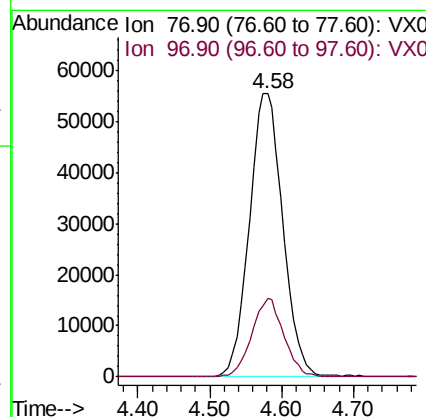
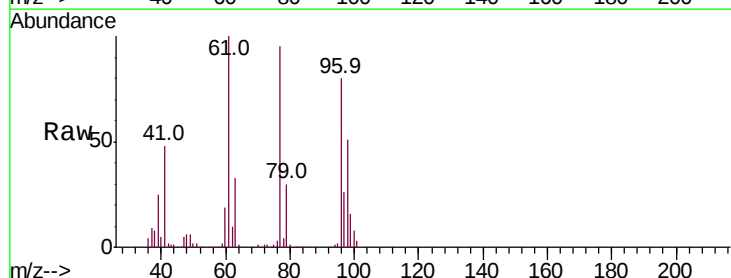
Acq: 17 Jun 2019 18:09

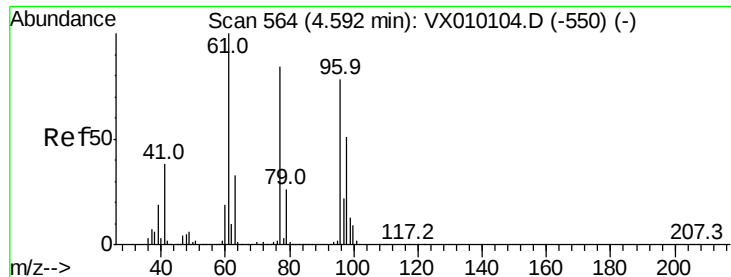
Tgt Ion: 77 Resp: 178943

Ion Ratio Lower Upper

77 100

97 26.6 11.4 34.2





#27

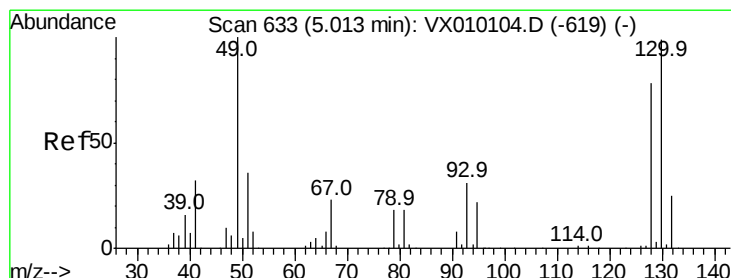
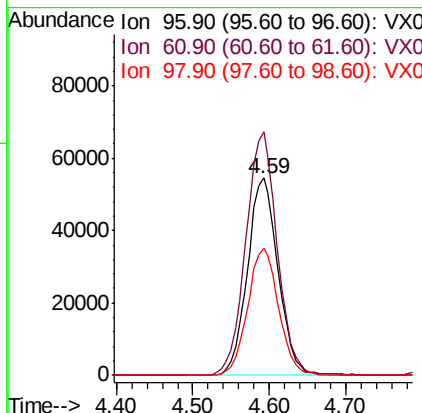
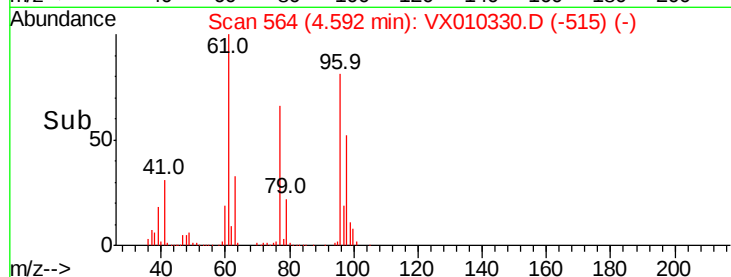
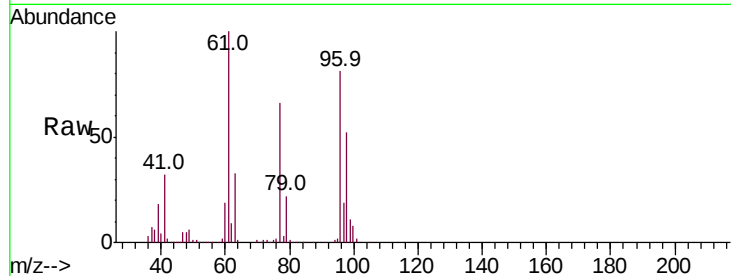
cis-1,2-Dichloroethene
Concen: 48.309 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	151867		
61	127.2	0.0	334.0	
98	64.9	0.0	131.6	

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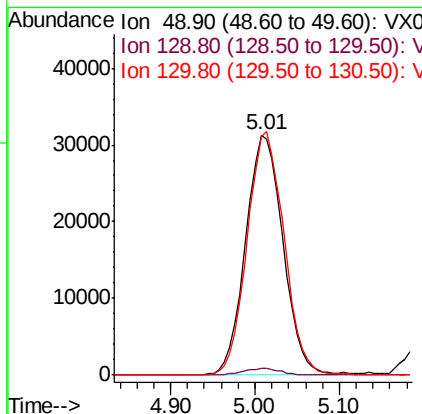
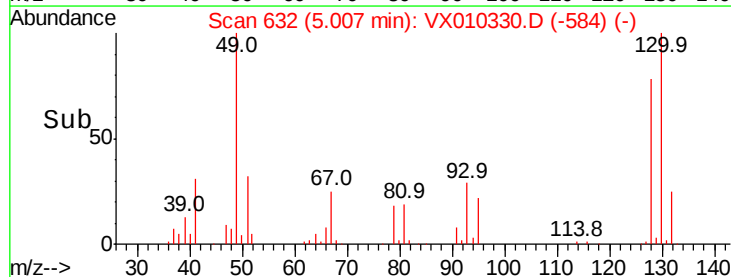
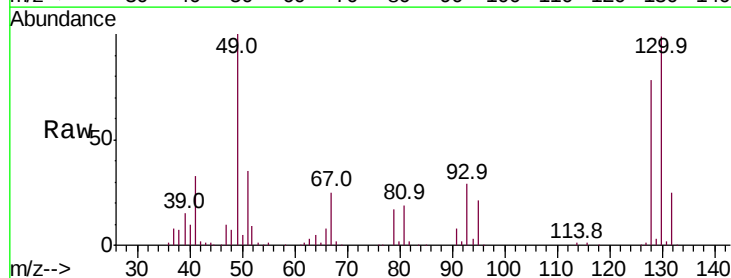
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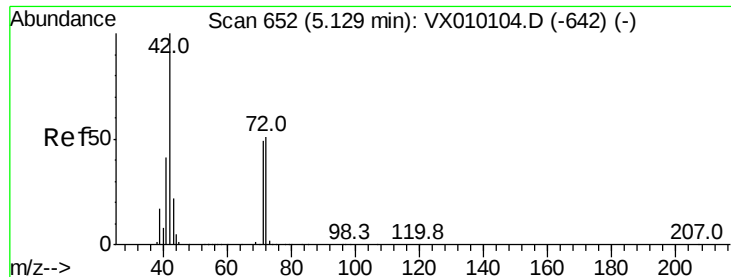


#28

Bromochloromethane
Concen: 47.234 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	94718		
129	2.7	0.0	3.4	
130	99.8	49.4	74.2#	





#29

Tetrahydrofuran

Concen: 258.833 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

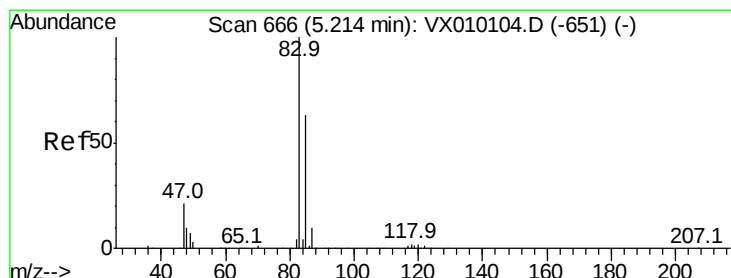
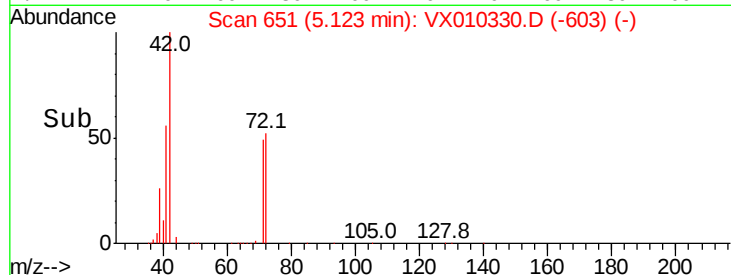
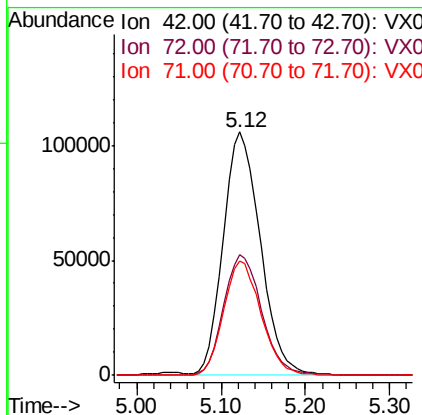
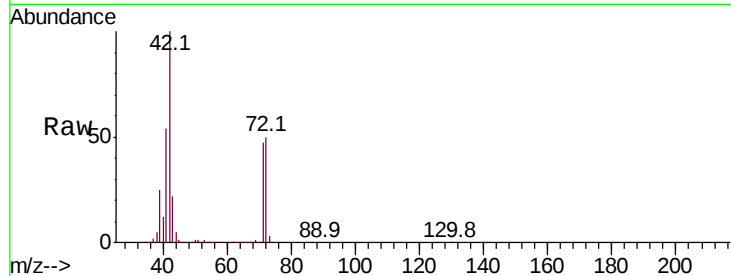
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	316140
Ion Ratio	Lower	Upper	
42	100		
72	51.4	29.2	43.8#
71	47.8	27.6	41.4#

Manual Integrations
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#30

Chloroform

Concen: 49.692 ug/l

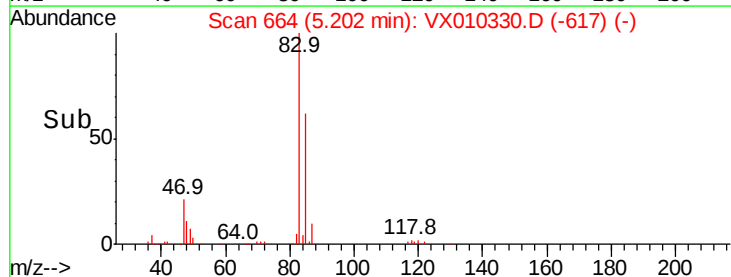
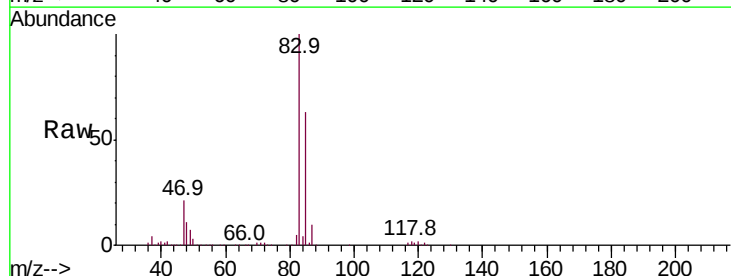
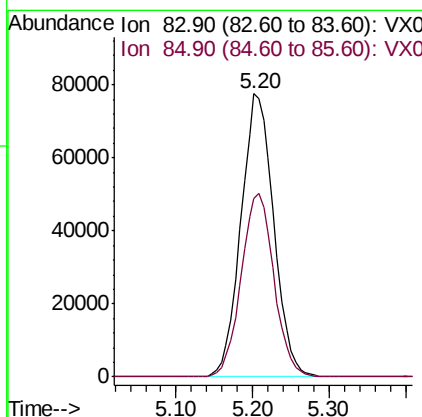
RT: 5.20 min Scan# 664

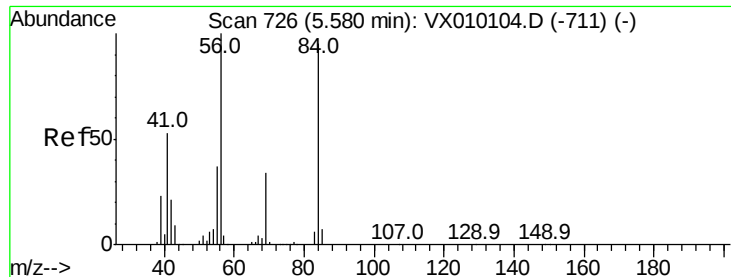
Delta R.T. -0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Tgt Ion:	83	Resp:	230907
Ion Ratio	Lower	Upper	
83	100		
85	63.0	52.6	78.8





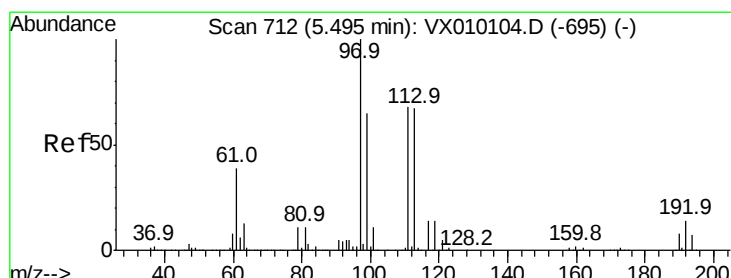
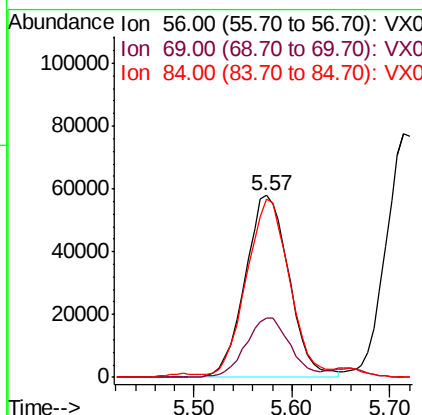
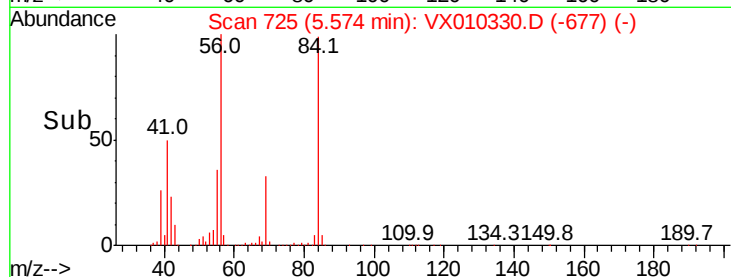
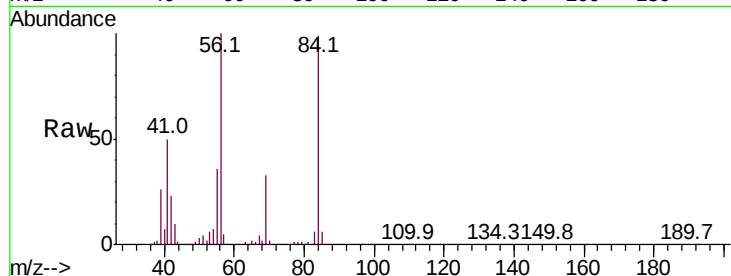
#31
Cyclohexane
Concen: 44.560 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	21.6	32.4#
84	96.9	56.8	85.2#

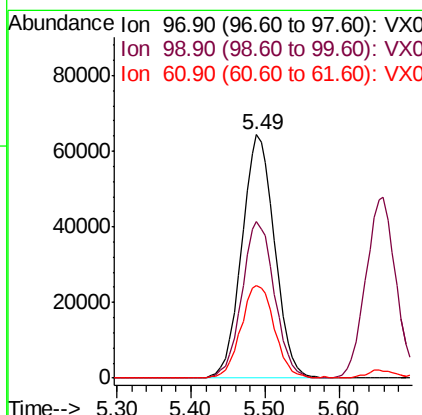
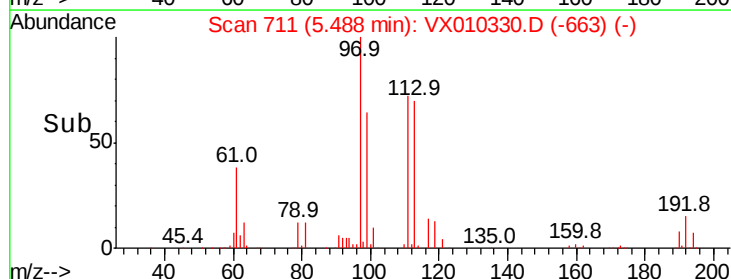
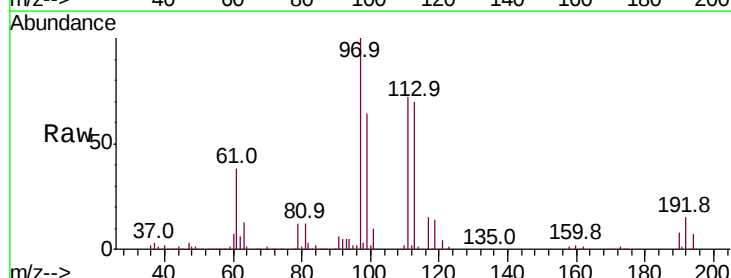
Manual Integrations
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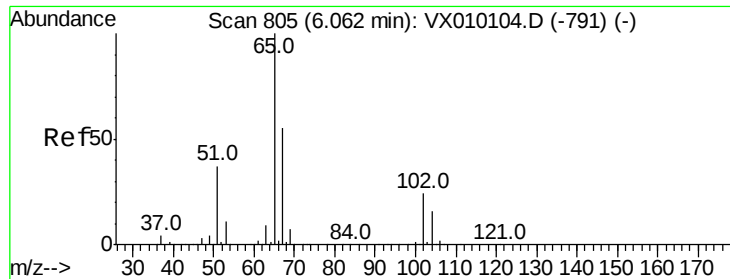
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#32
1,1,1-Trichloroethane
Concen: 45.392 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	38.9	38.7	58.1





#33

1,2-Dichloroethane-d4

Concen: 49.047 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 136103

Ion Ratio Lower Upper

65 100

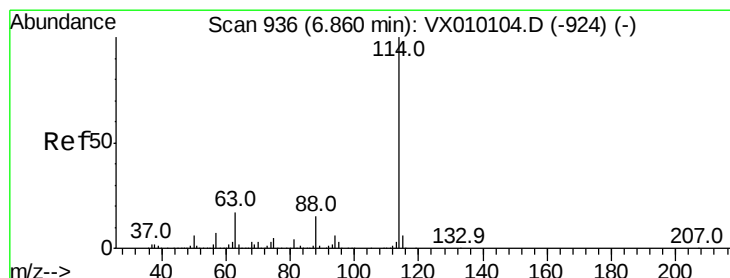
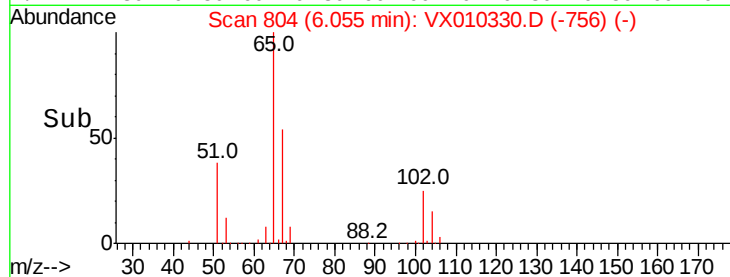
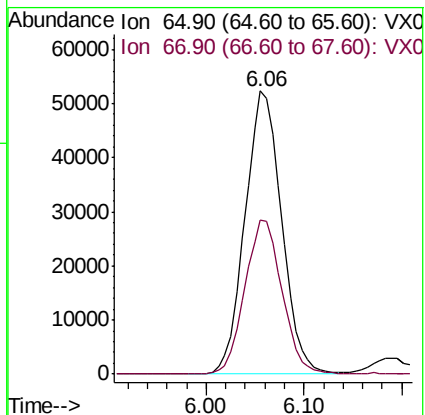
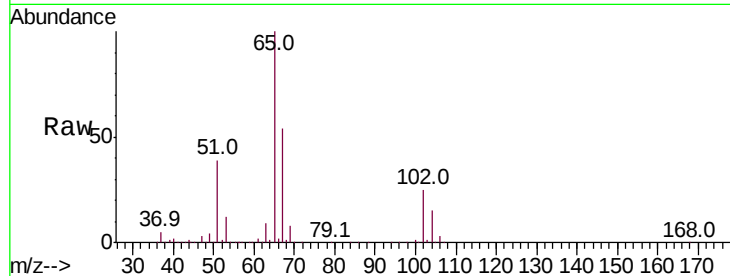
67 55.2 0.0 108.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

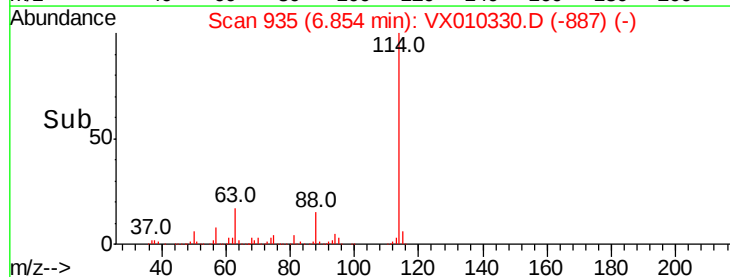
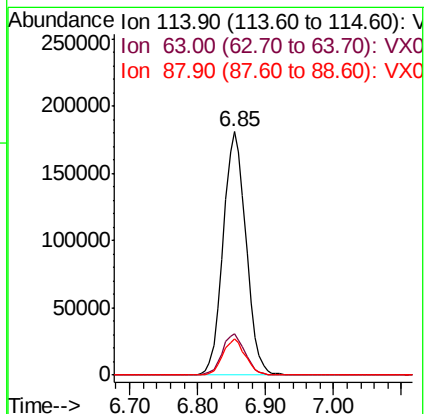
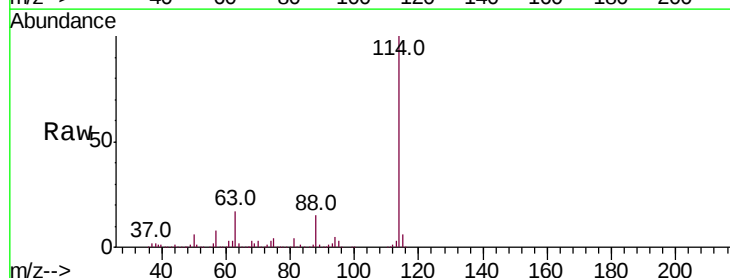
Tgt Ion: 114 Resp: 421649

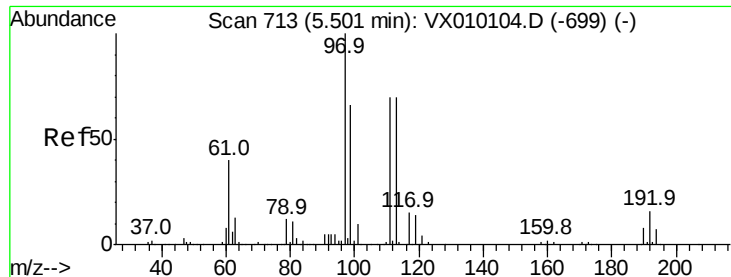
Ion Ratio Lower Upper

114 100

63 17.0 0.0 47.4

88 14.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.759 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

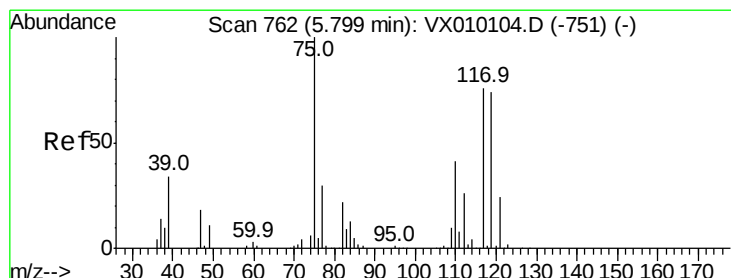
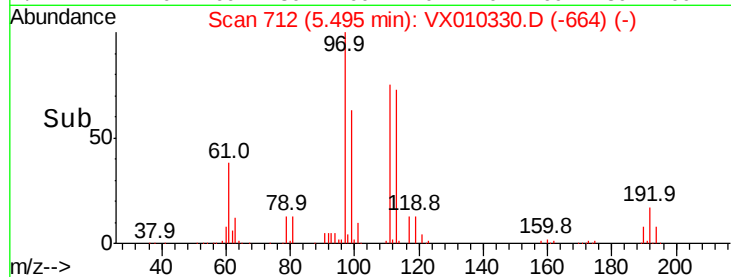
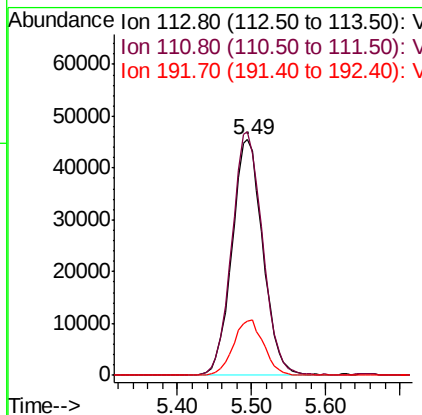
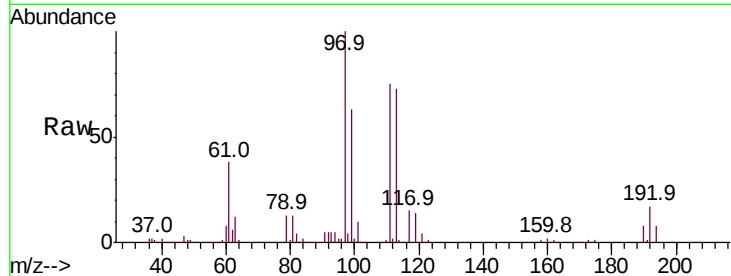
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	132015
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.2	123.2
192	23.2	17.1	25.7

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#36

1,1-Dichloropropene

Concen: 45.601 ug/l

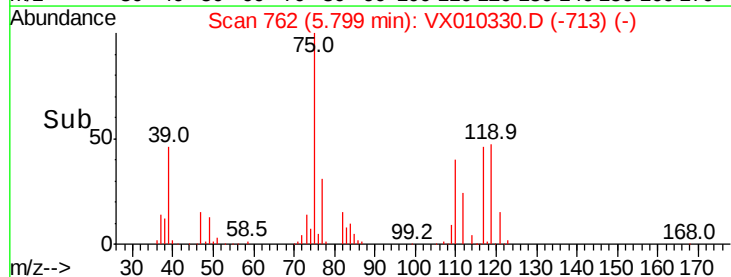
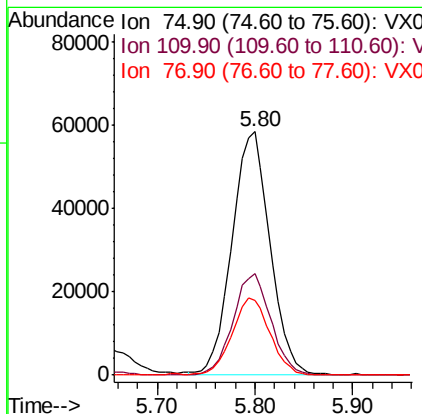
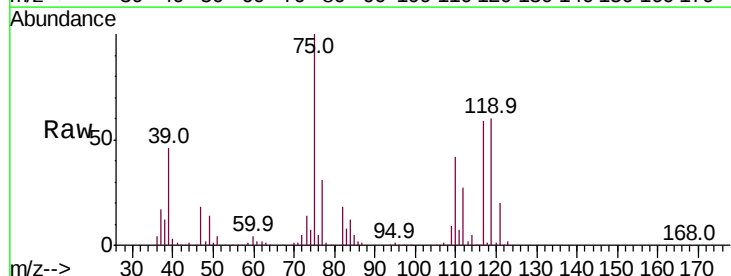
RT: 5.80 min Scan# 762

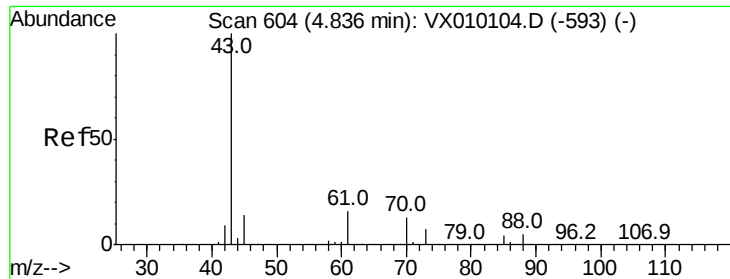
Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Tgt Ion:	75	Resp:	156870
Ion Ratio	Lower	Upper	
75	100		
110	41.5	16.7	50.1
77	31.4	25.0	37.4





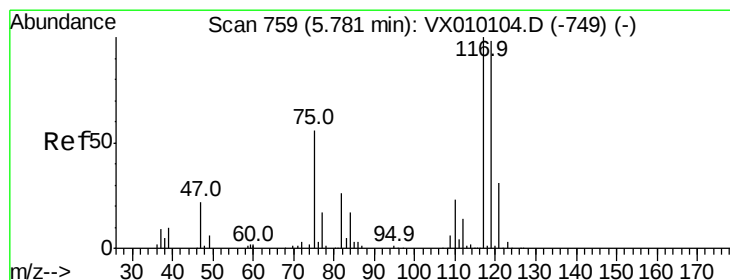
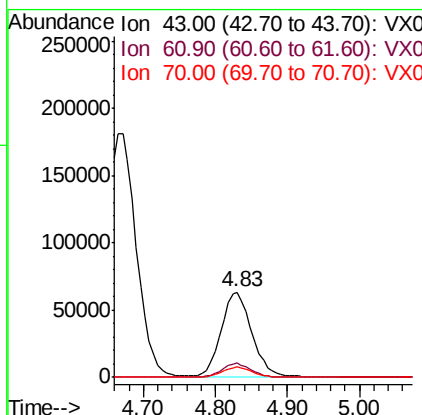
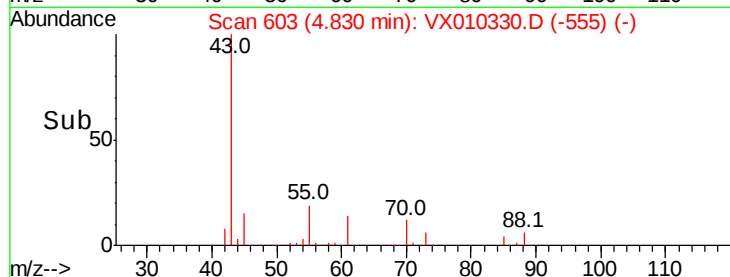
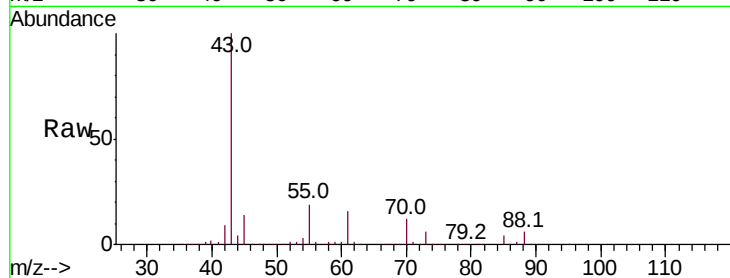
#37
Ethyl Acetate
Concen: 52.413 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.2	15.2#
70	12.4	7.4	11.2#

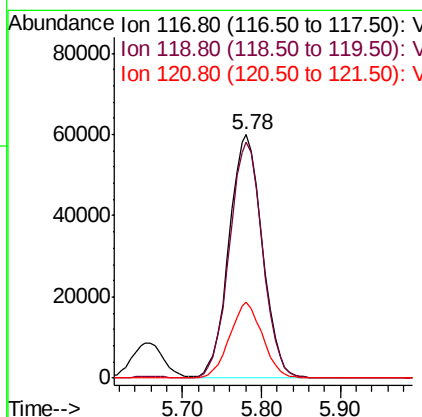
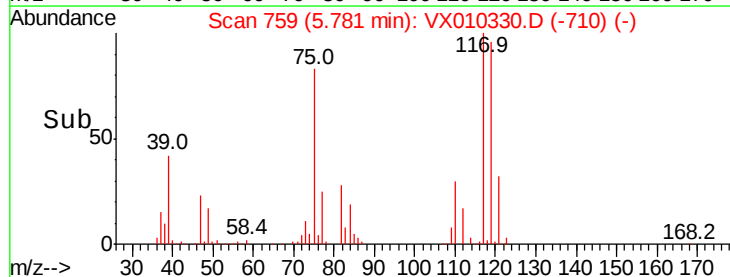
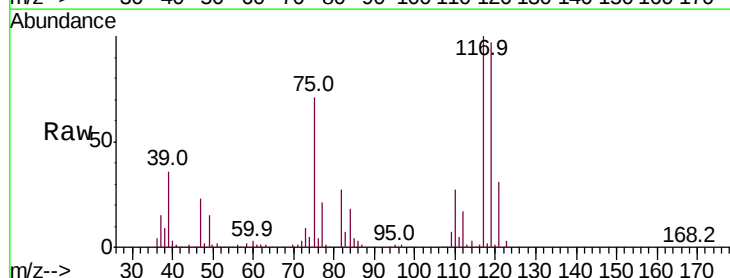
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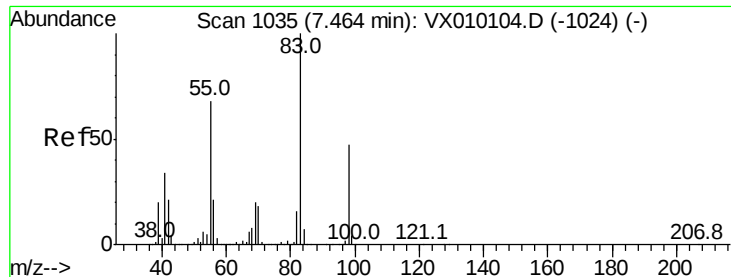
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#38
Carbon Tetrachloride
Concen: 44.949 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.3	115.9
121	31.4	25.4	38.0





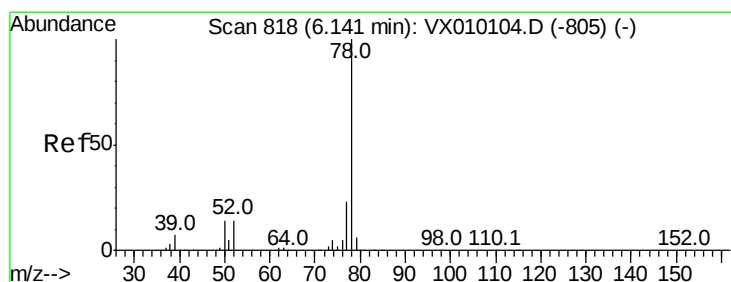
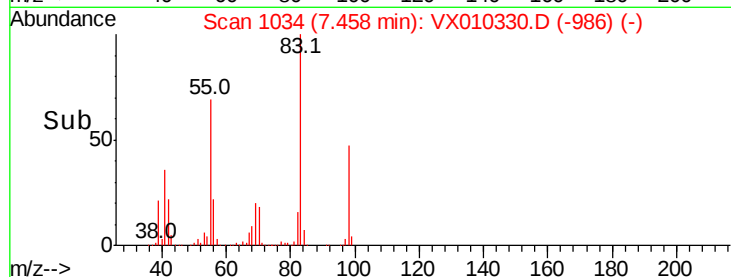
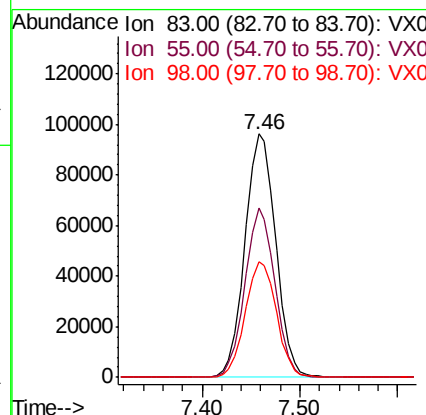
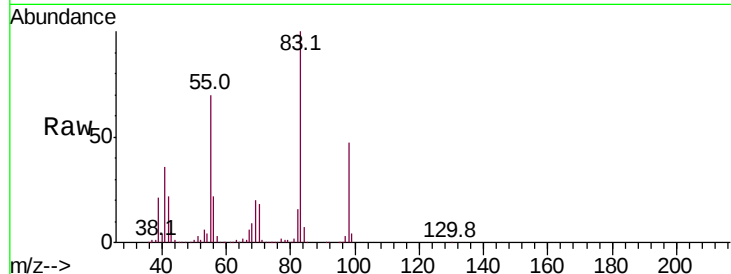
#39
Methvlcvclohexane
Concen: 44.880 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.5	69.9	104.9#
98	47.5	35.1	52.7

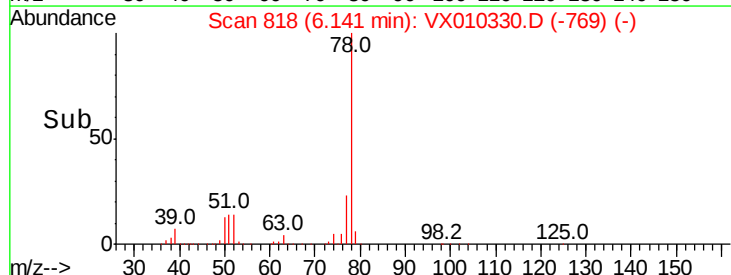
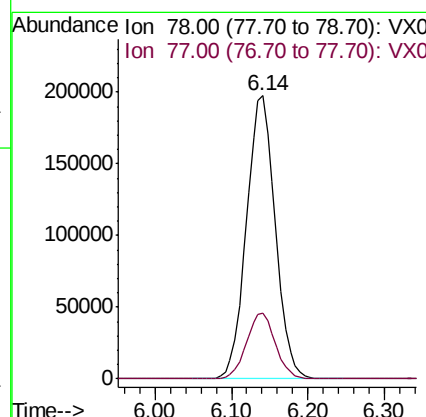
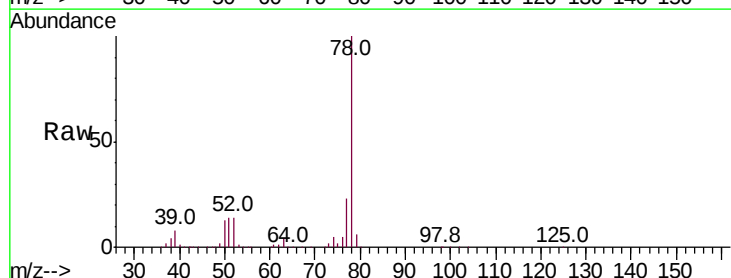
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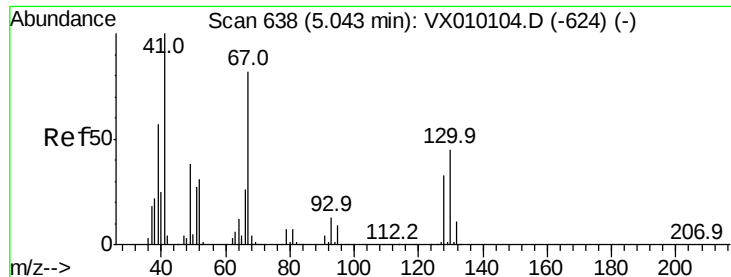
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#40
Benzene
Concen: 48.583 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





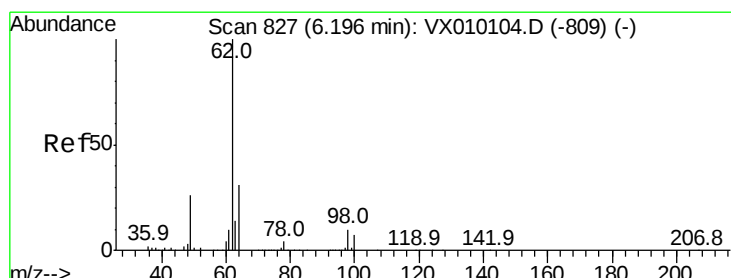
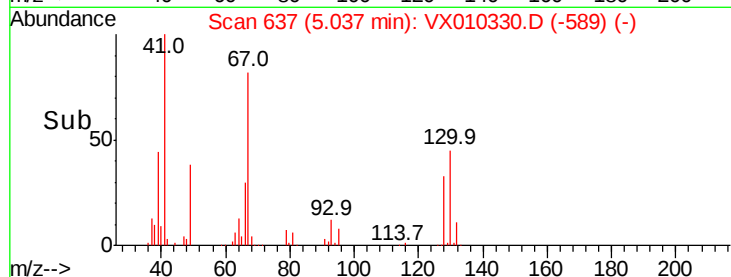
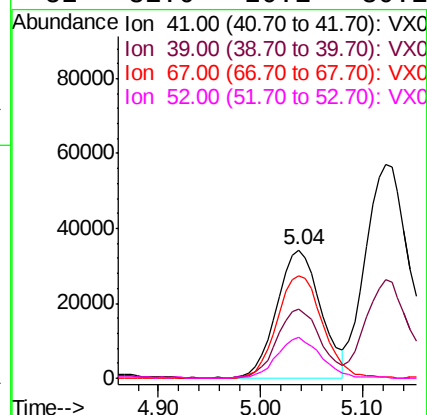
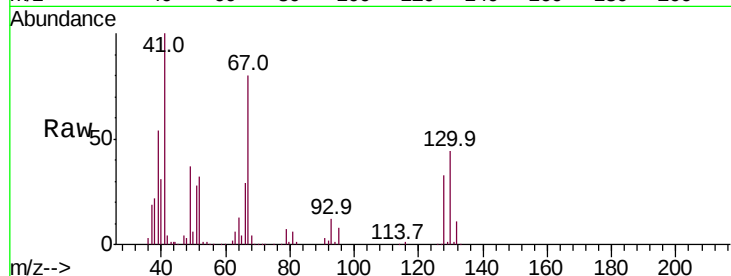
#41
Methacrylonitrile
Concen: 52.919 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.2	63.4
67	83.0	48.9	73.3
52	31.6	20.1	30.1

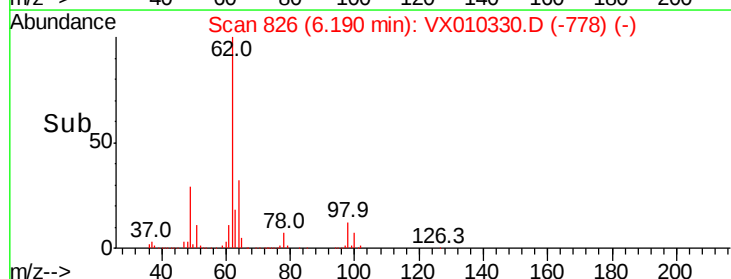
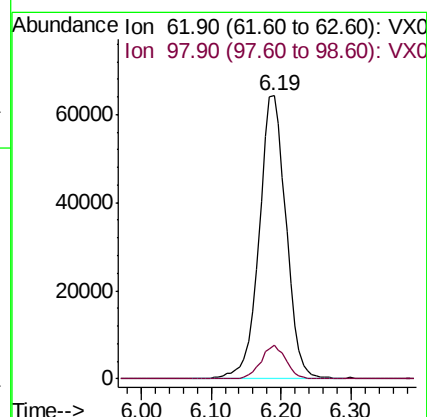
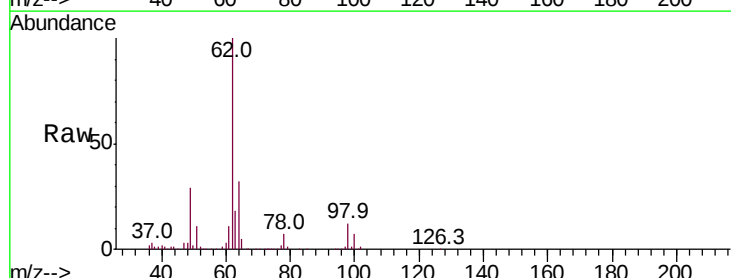
Manual Integrations
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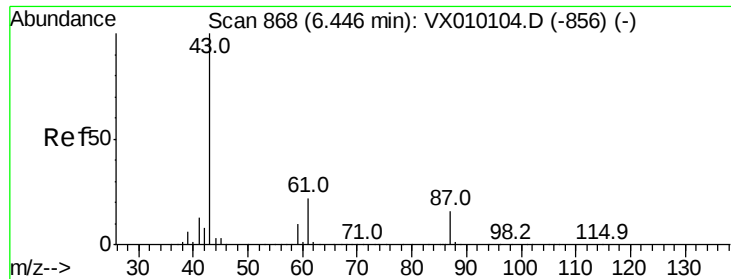
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.481 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	17.2





#43

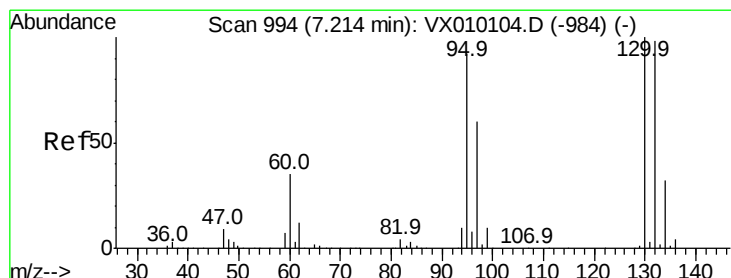
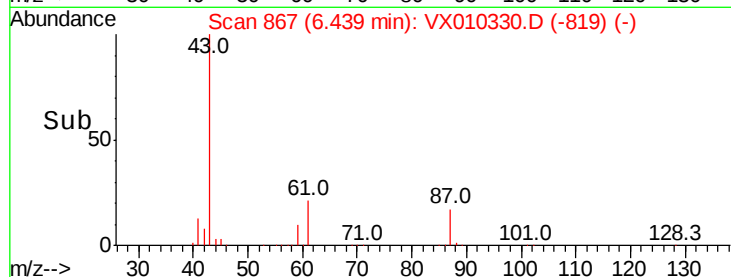
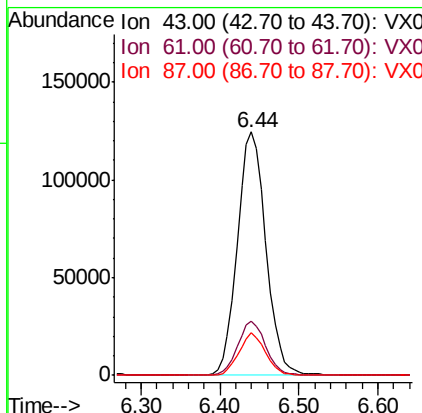
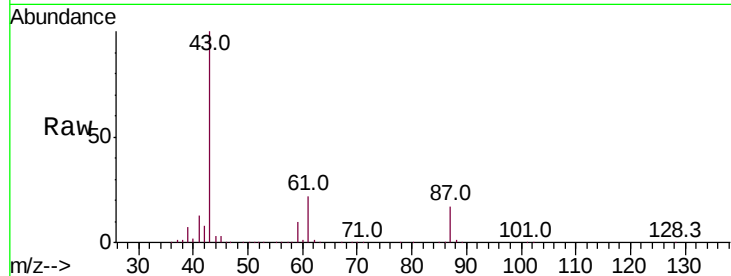
Isopropyl Acetate
 Concen: 52.289 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	14.6	21.8#
87	16.3	8.7	13.1#

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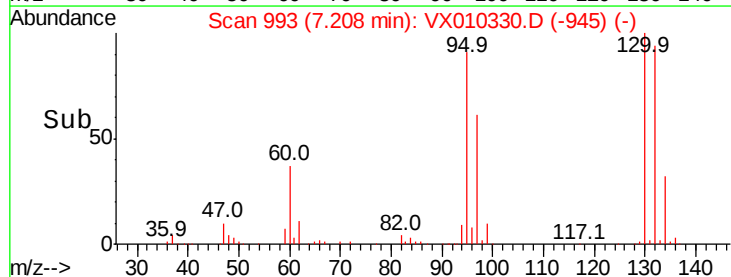
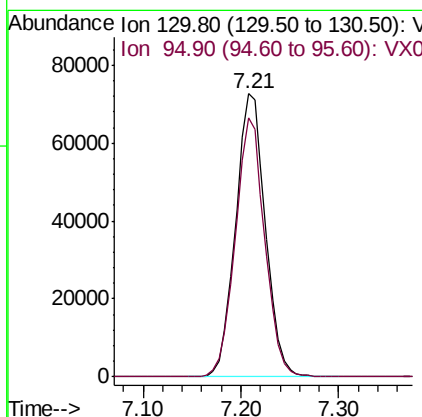
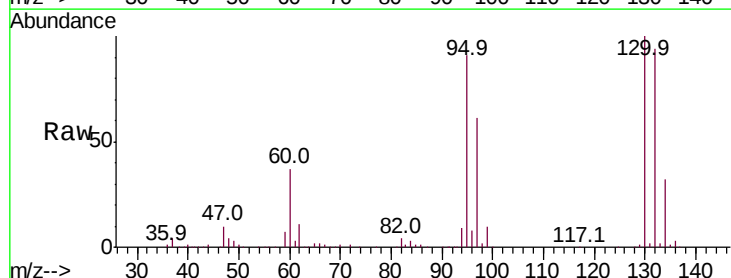
MMDadoda
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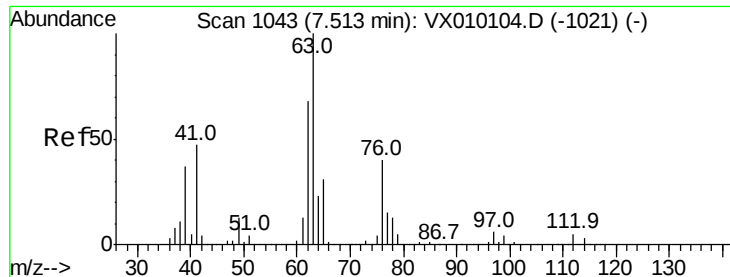


#44

Trichloroethene
 Concen: 47.789 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	207.4





#45

1,2-Dichloropropane

Concen: 50.823 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 135311

Ion Ratio Lower Upper

63 100

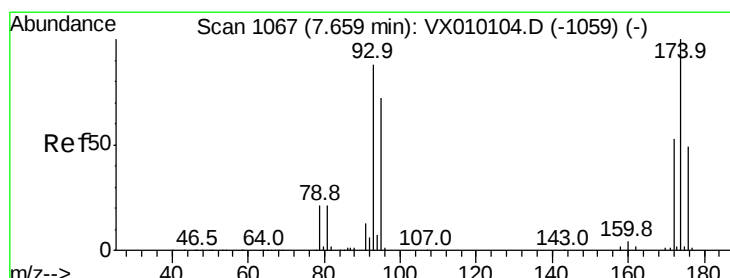
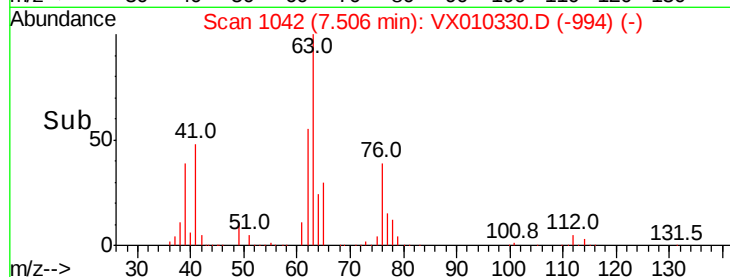
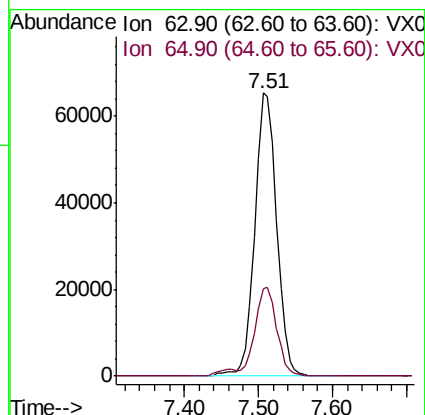
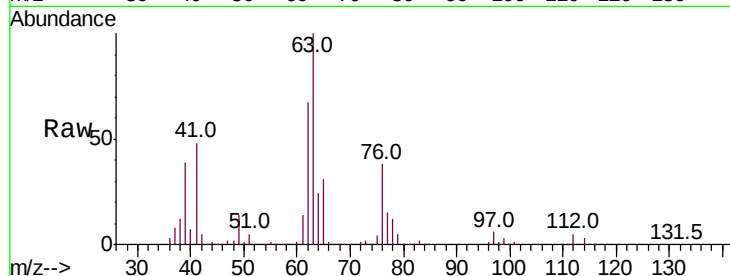
65 31.0 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 49.640 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

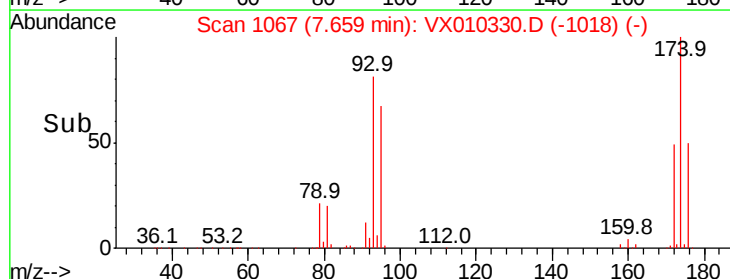
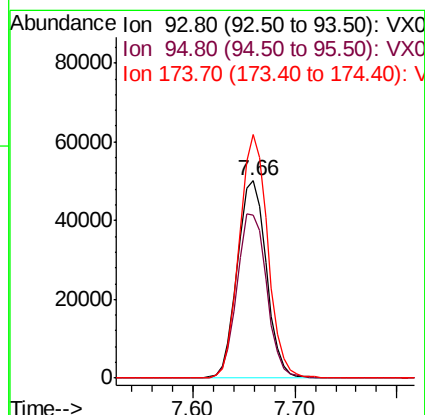
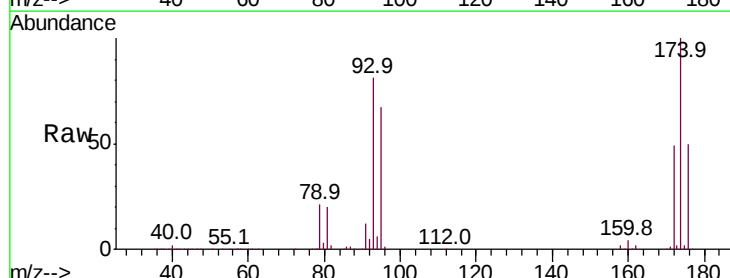
Tgt Ion: 93 Resp: 99013

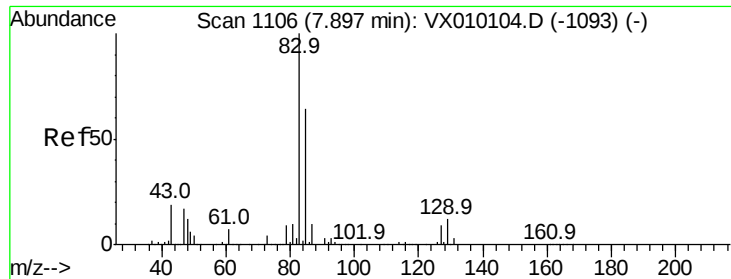
Ion Ratio Lower Upper

93 100

95 85.2 66.8 100.2

174 120.7 81.9 122.9





#47

Bromodichloromethane

Concen: 49.856 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

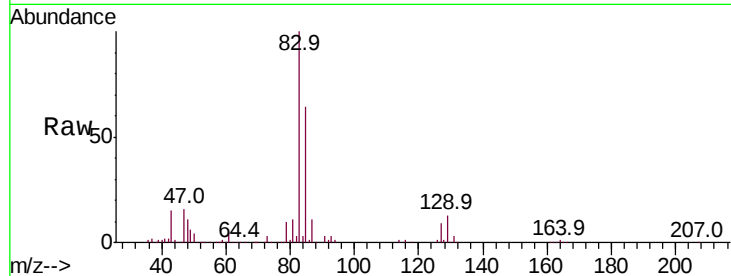
ClientSampleId :

VSTDCCC050EC

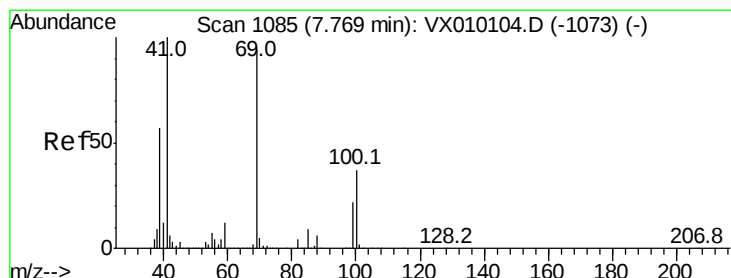
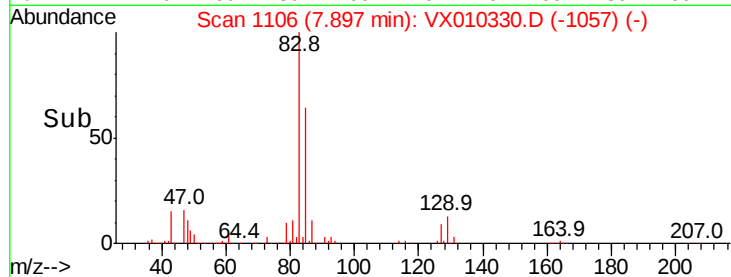
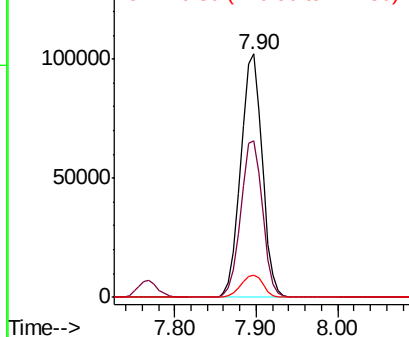
Tot Ion:	83	Resp:	185820
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.4	77.2
127	9.0	6.4	9.6

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.285 ug/l

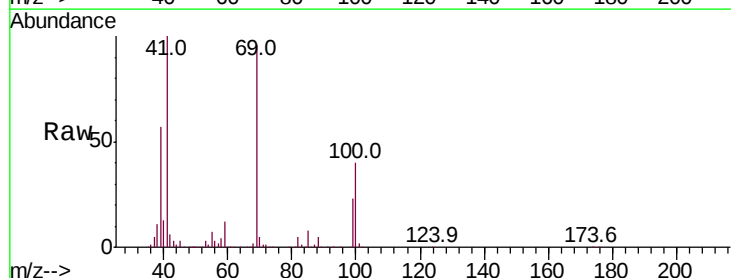
RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

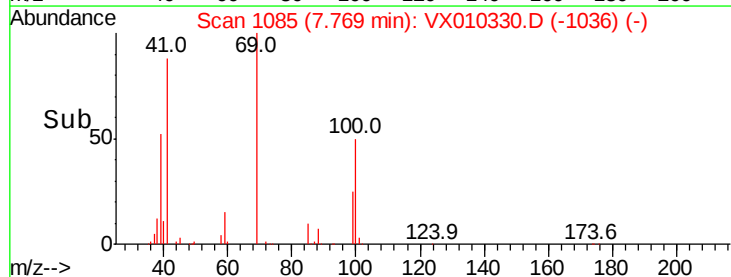
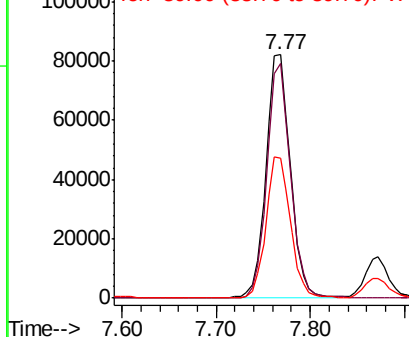
Lab File: VX010330.D

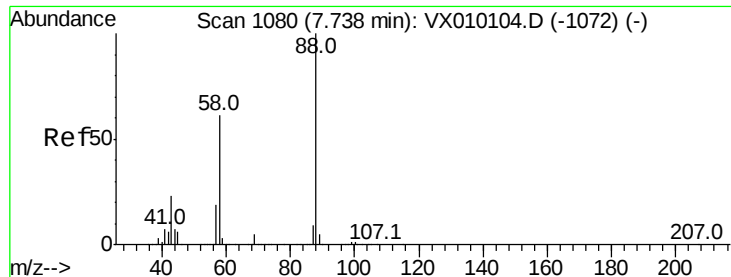
Acq: 17 Jun 2019 18:09

Tgt Ion:	41	Resp:	149132
Ion Ratio	Lower	Upper	
41	100		
69	94.4	56.4	84.6#
39	58.1	40.6	60.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1064.993 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

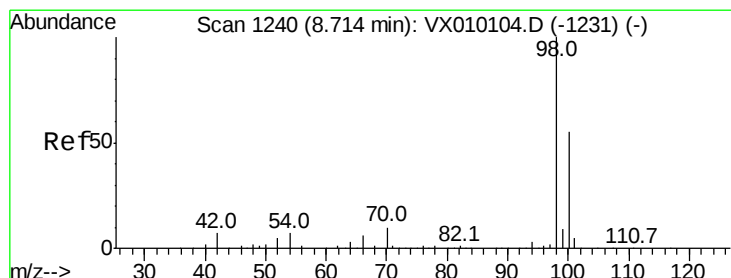
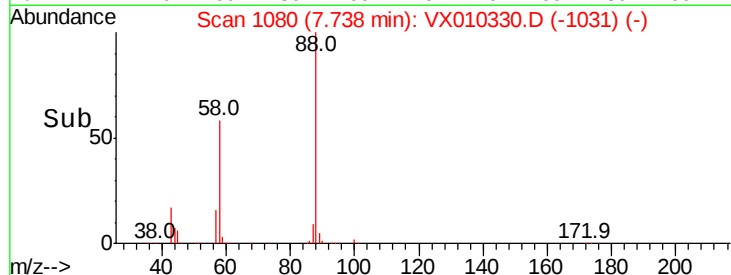
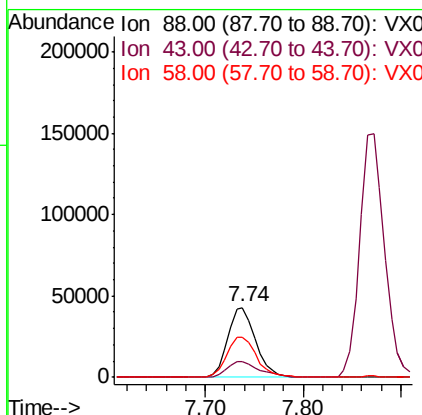
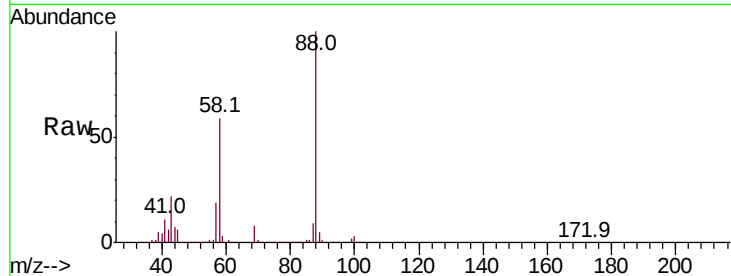
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	84982
Ion	Ratio	Lower	Upper
88	100		
43	26.3	30.2	45.4#
58	61.9	64.0	96.0#

Manual Integrations
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#50

Toluene-d8

Concen: 49.630 ug/l

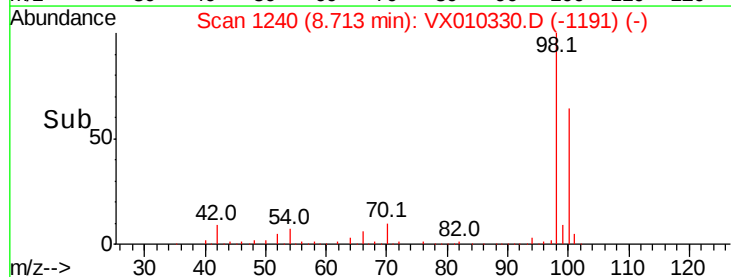
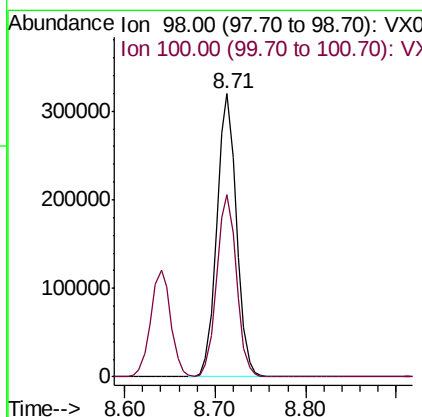
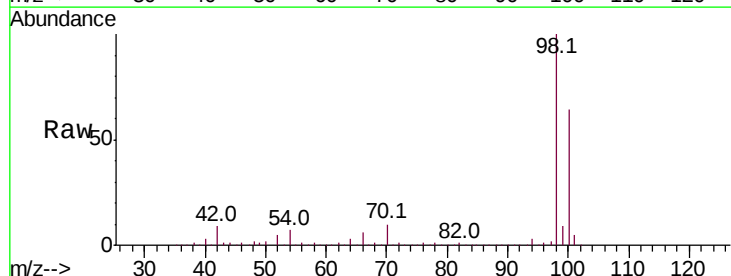
RT: 8.71 min Scan# 1240

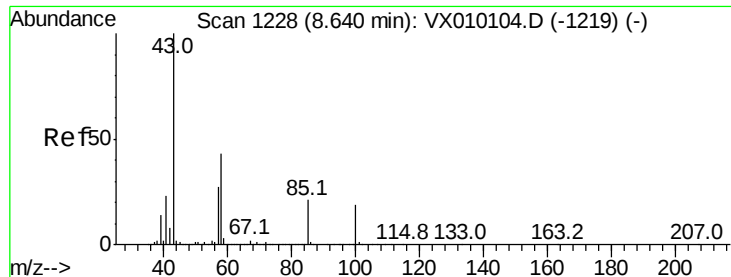
Delta R.T. 0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Tgt Ion:	98	Resp:	483766
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.5	77.3





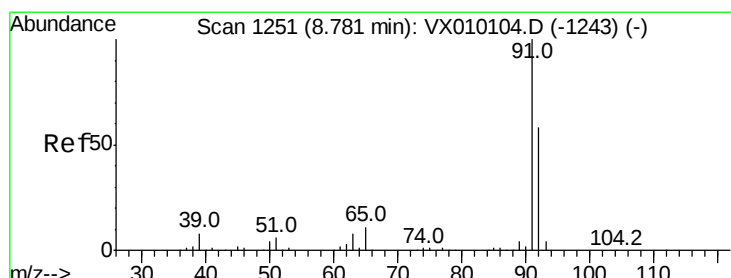
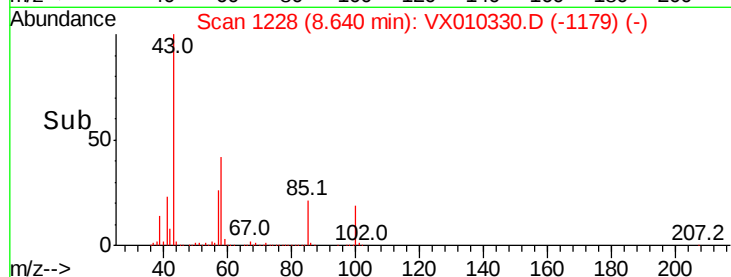
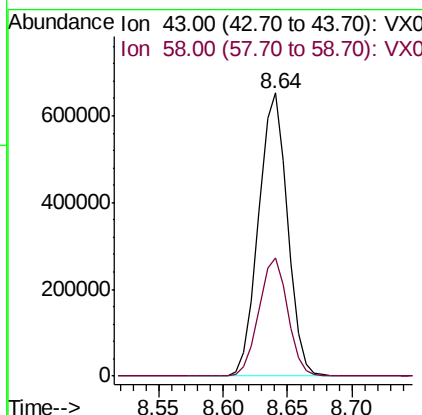
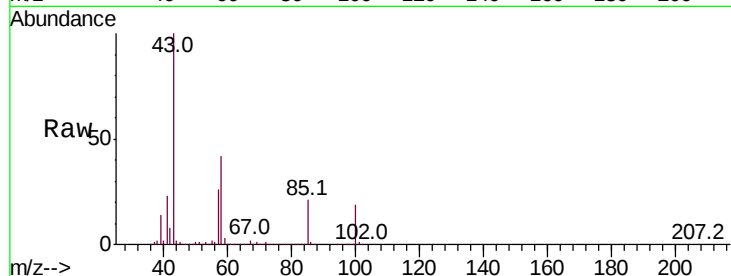
#51
 4-Methyl-2-Pentanone
 Concen: 281.921 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1007898
 Ion Ratio Lower Upper
 43 100
 58 41.7 28.8 43.2

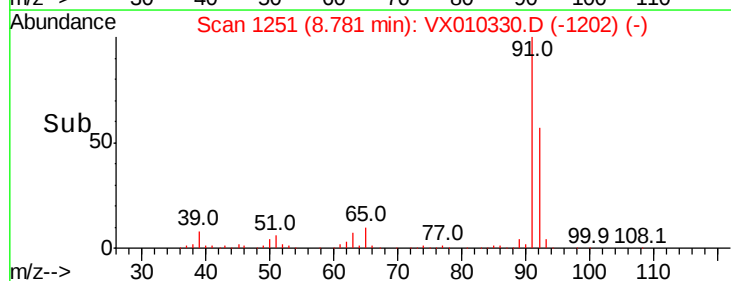
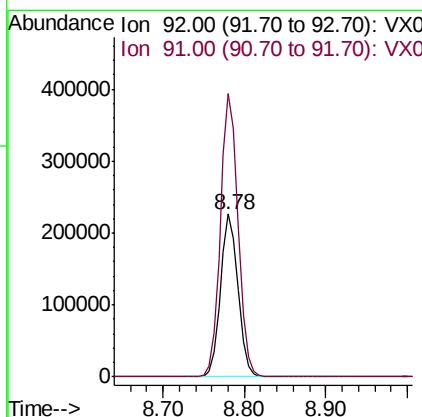
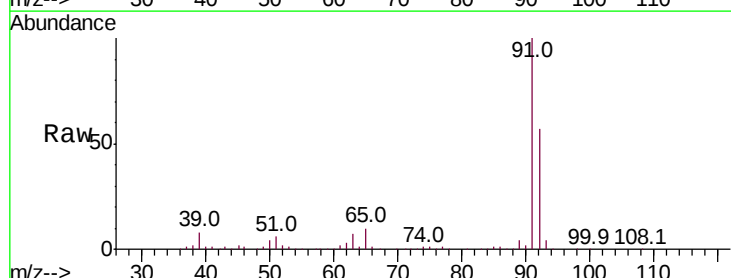
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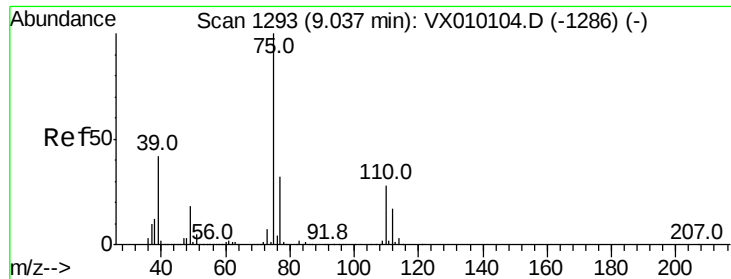
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#52
 Toluene
 Concen: 48.514 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 18:09

Tgt Ion: 92 Resp: 339222
 Ion Ratio Lower Upper
 92 100
 91 174.8 139.9 209.9





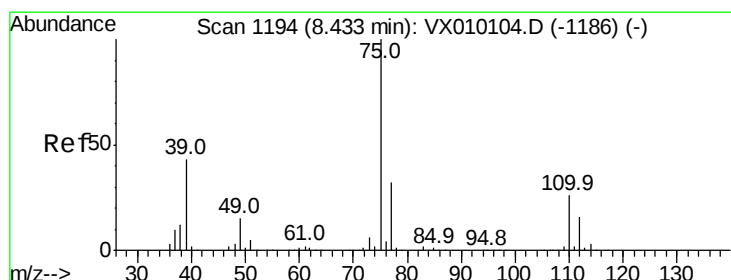
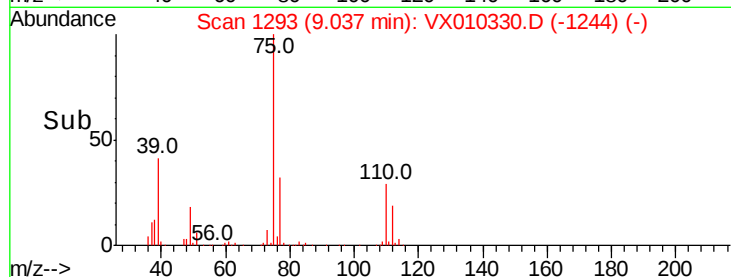
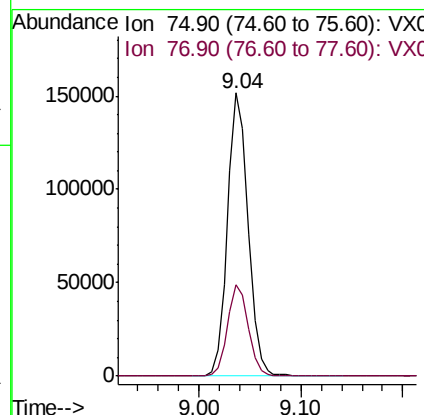
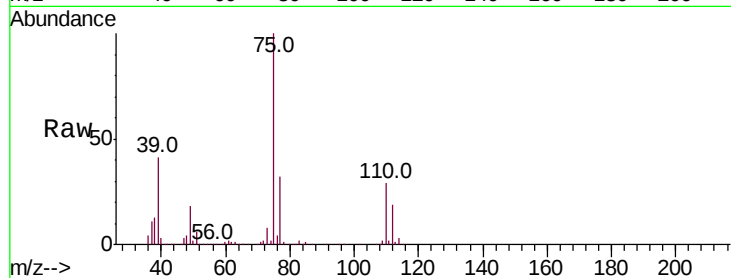
#53
t-1,3-Dichloropropene
Concen: 49.451 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.6	36.8

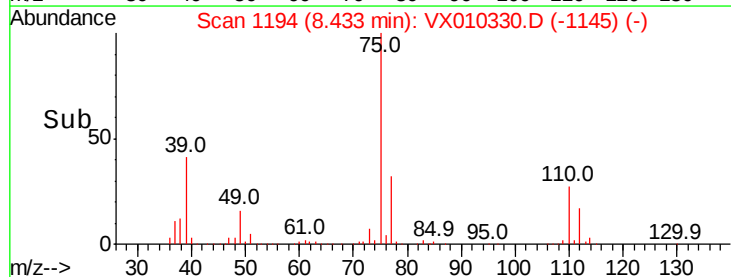
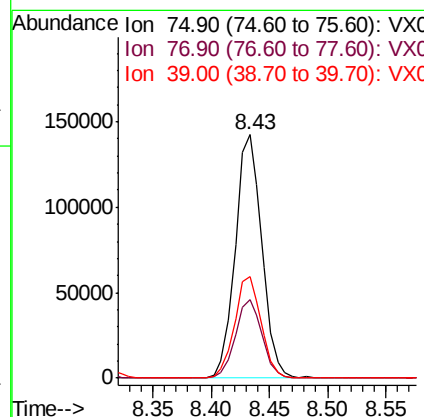
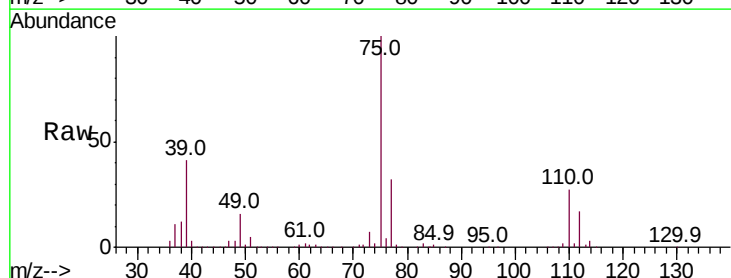
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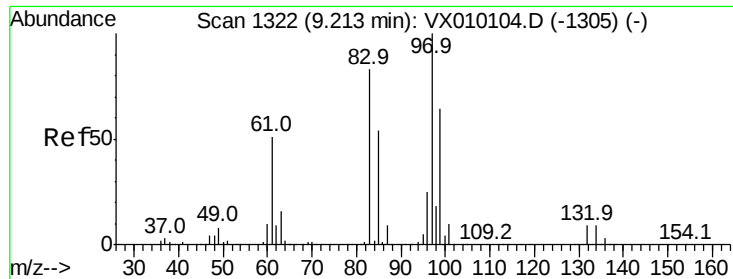
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#54
cis-1,3-Dichloropropene
Concen: 49.079 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.8	37.2
39	41.4	43.4	65.0#





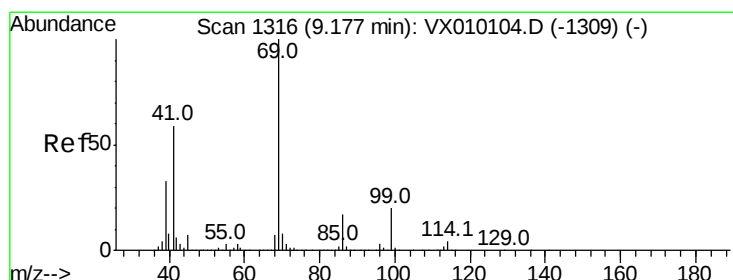
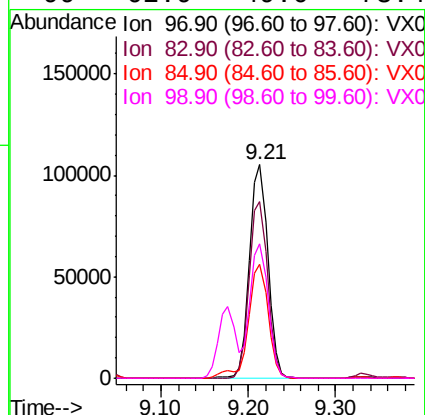
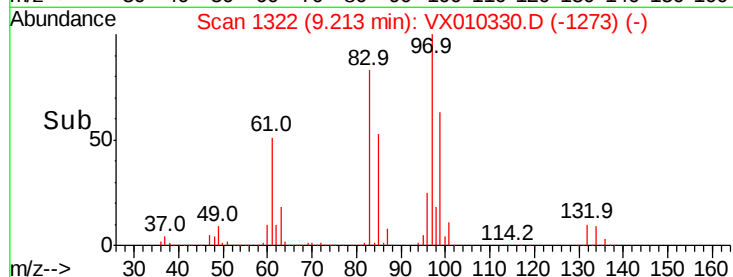
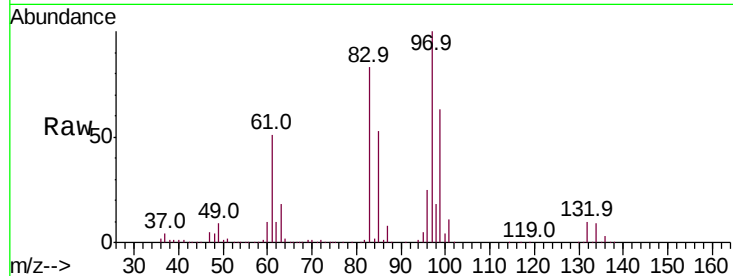
#55
1,1,2-Trichloroethane
Concen: 53.874 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
97	100	154277		
83	82.8	69.8	104.8	
85	53.4	45.3	67.9	
99	62.9	49.0	73.4	

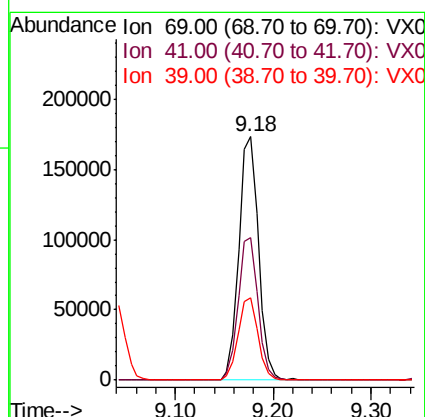
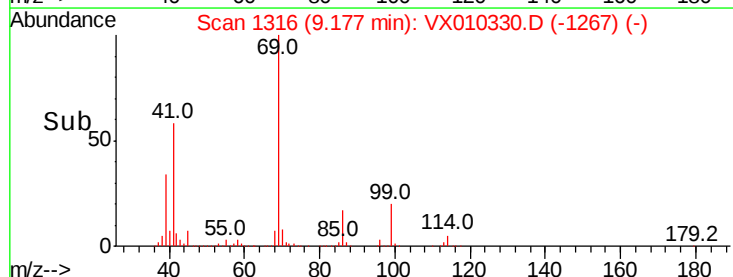
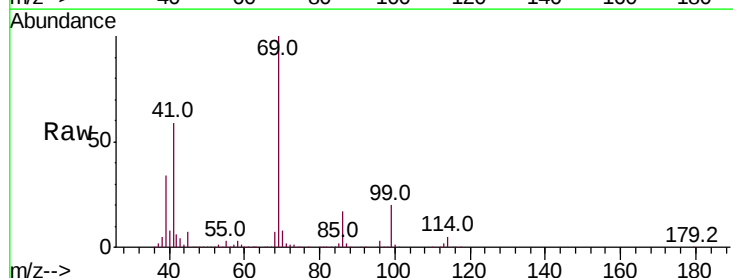
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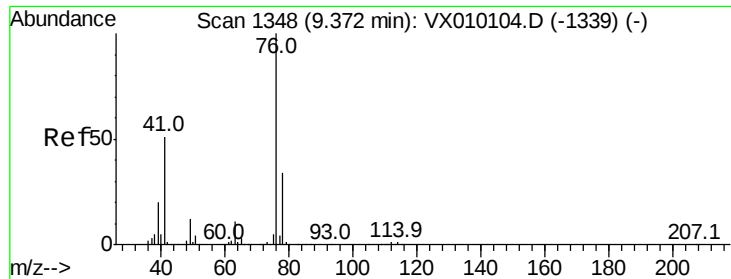
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#56
Ethyl methacrylate
Concen: 53.530 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	242148		
41	58.8	62.7	94.1#	
39	34.0	29.5	44.3	





#57

1,3-Dichloropropane

Concen: 52.183 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 235262

Ion Ratio Lower Upper

76 100

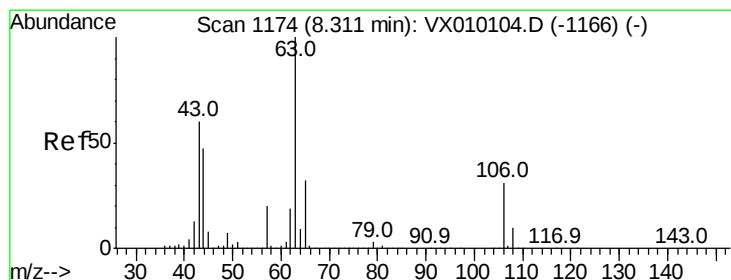
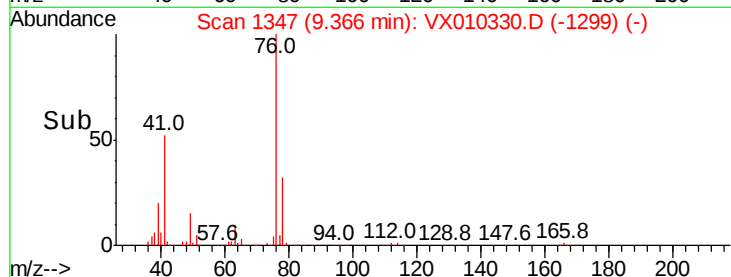
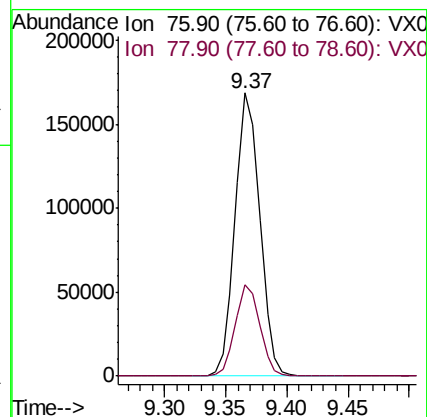
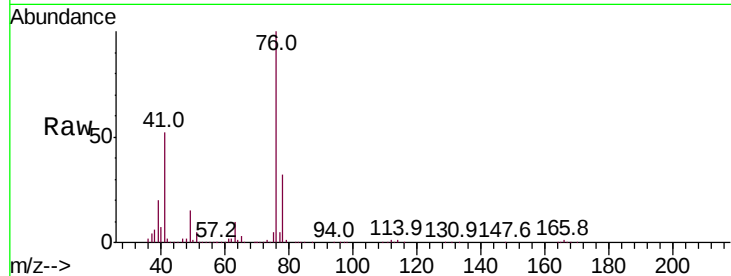
78 32.3 25.4 38.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 263.460 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010330.D

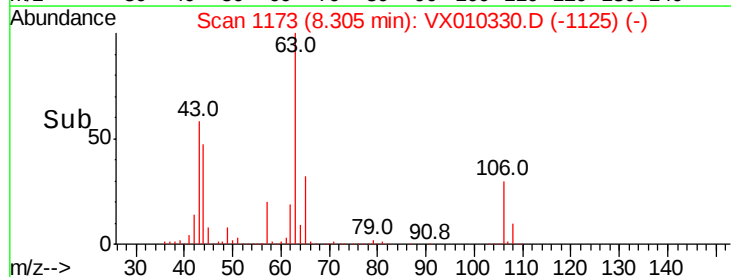
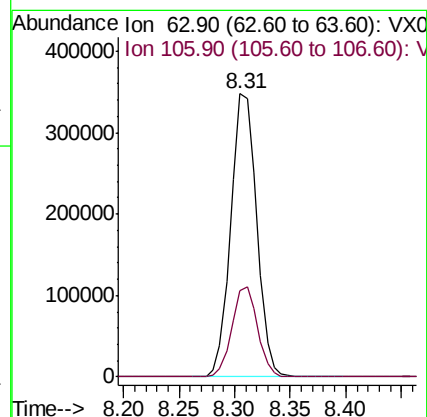
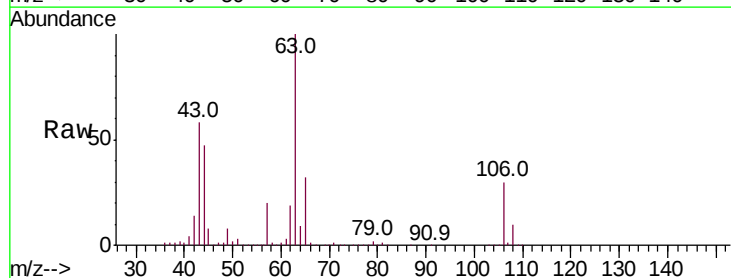
Acq: 17 Jun 2019 18:09

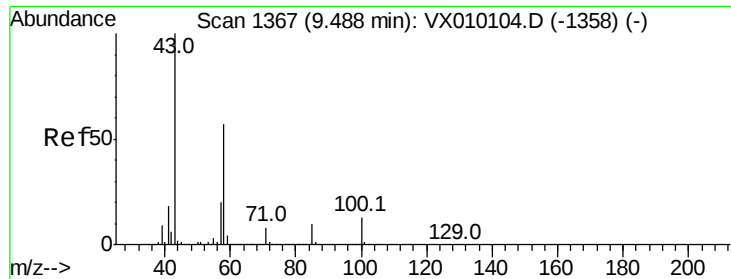
Tgt Ion: 63 Resp: 561835

Ion Ratio Lower Upper

63 100

106 31.4 19.4 29.2#





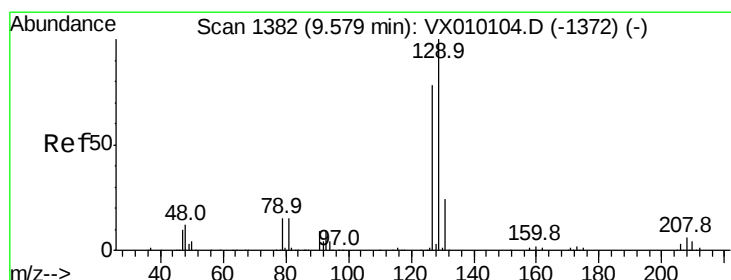
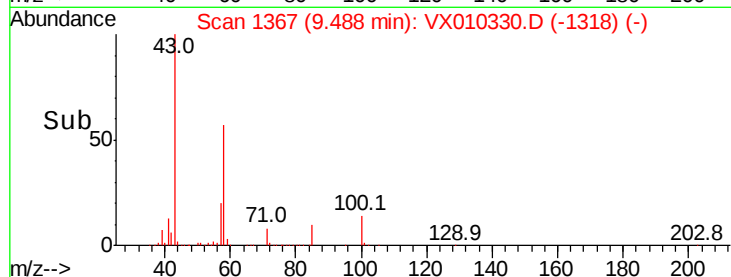
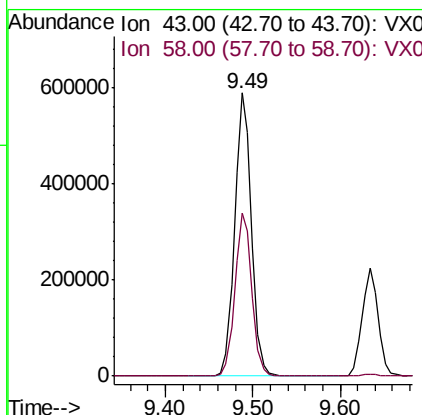
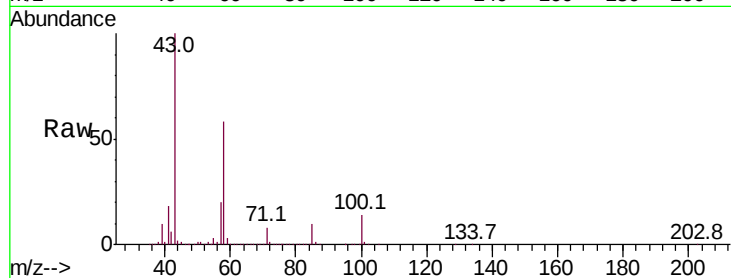
#59
2-Hexanone
Concen: 277.108 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 789890
Ion Ratio Lower Upper
43 100
58 58.3 25.1 75.3

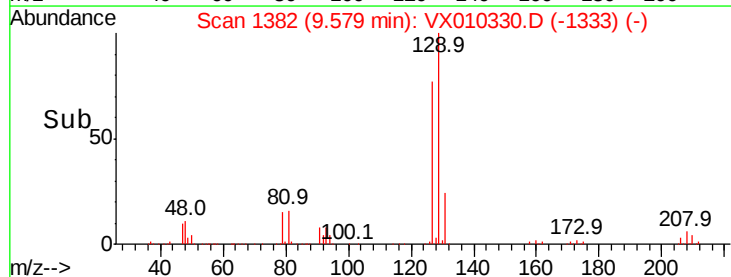
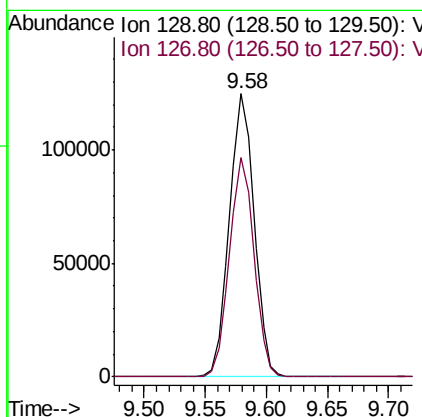
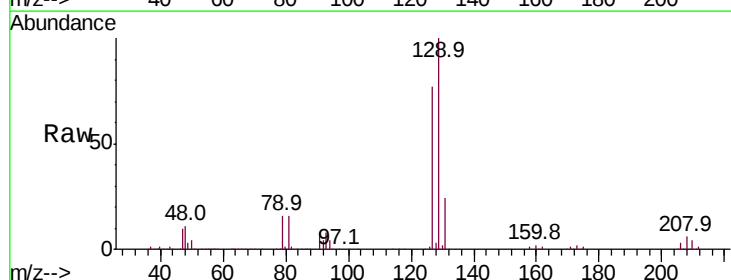
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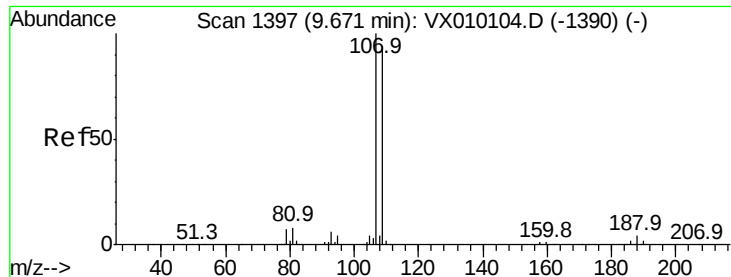
MMDadoda
6/18/2019 11:27:04 AM



#60
Dibromochloromethane
Concen: 51.681 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion: 129 Resp: 175055
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.923 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 165602

Ion Ratio Lower Upper

107 100

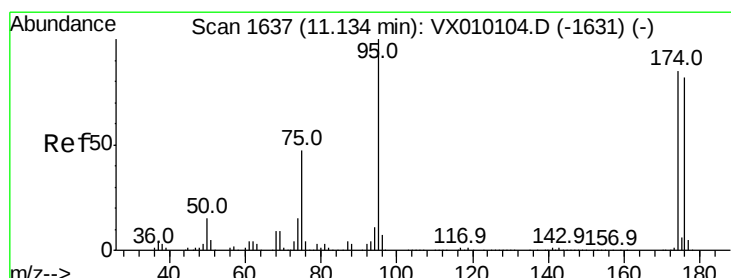
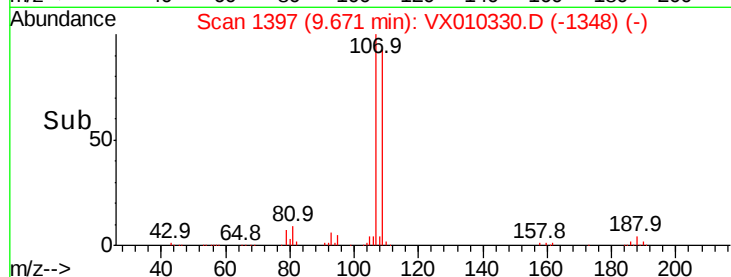
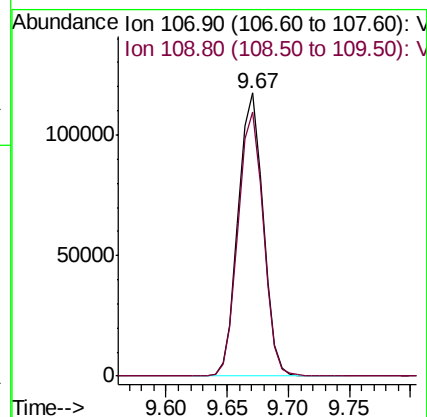
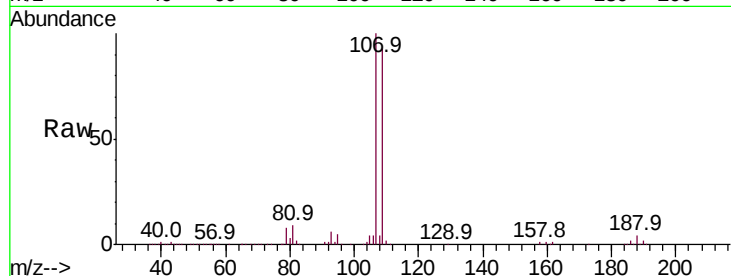
109 94.8 75.4 113.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 51.773 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

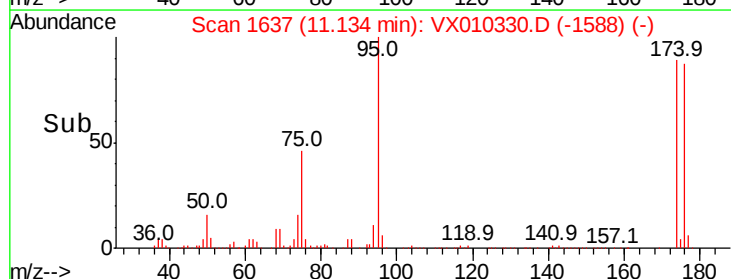
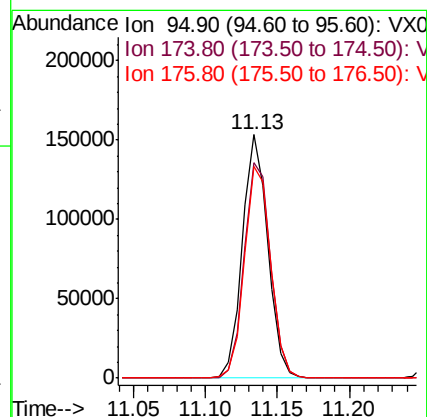
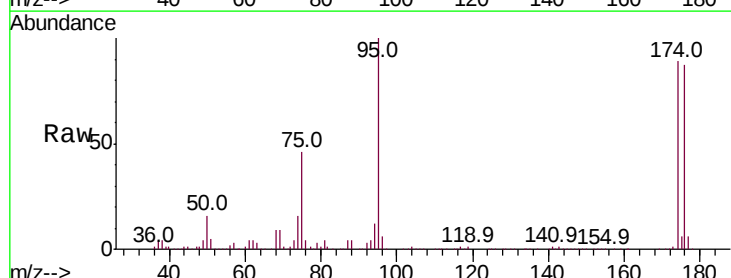
Tgt Ion: 95 Resp: 188469

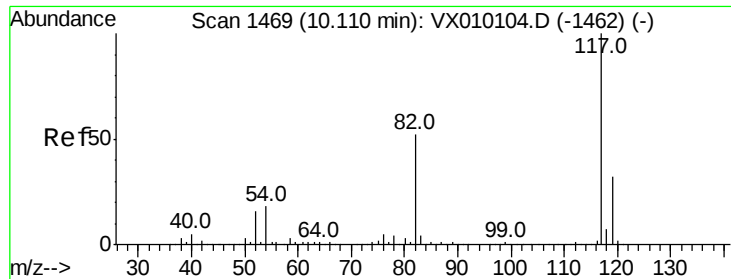
Ion Ratio Lower Upper

95 100

174 91.7 0.0 160.4

176 89.7 0.0 154.6





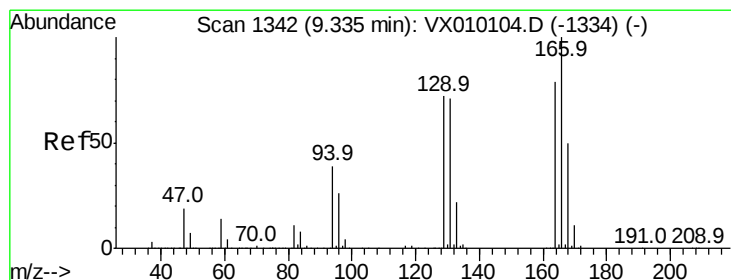
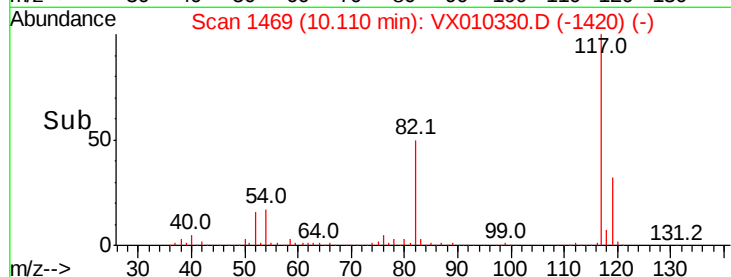
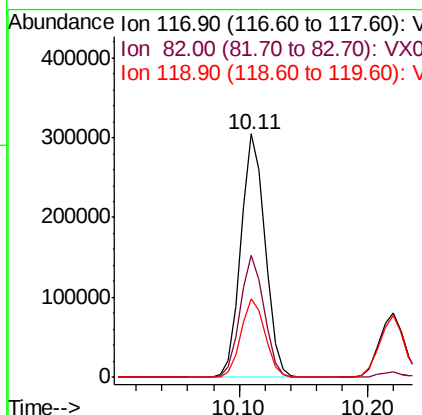
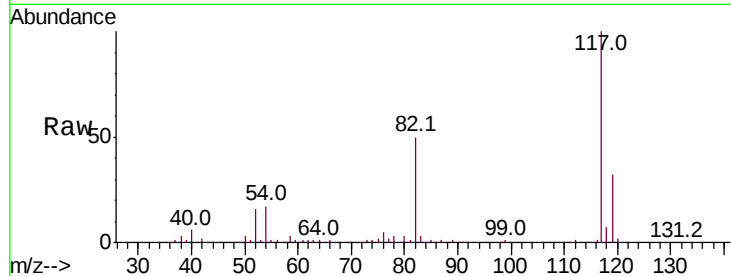
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	49.2	73.8
119	32.1	25.2	37.8

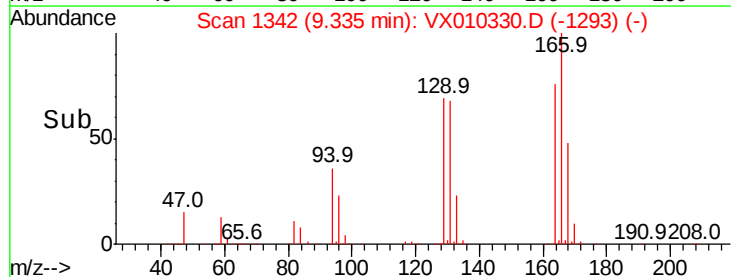
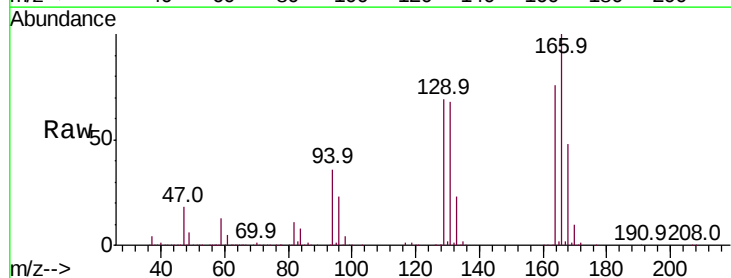
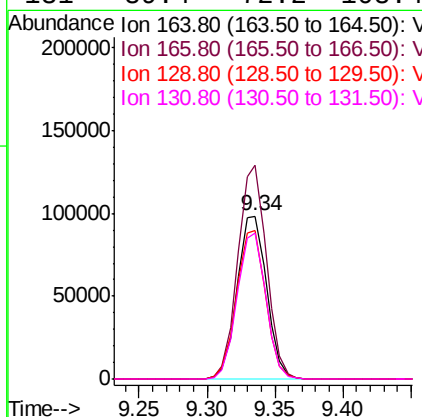
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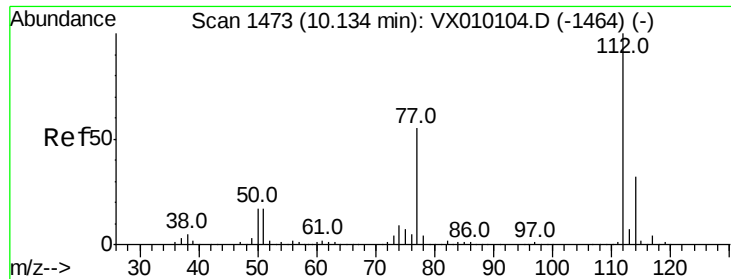
MMDadoda
6/18/2019 11:27:04 AM



#64
Tetrachloroethene
Concen: 50.391 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	105.0	157.4
129	91.0	75.1	112.7
131	89.4	72.2	108.4





#65

Chlorobenzene

Concen: 48.405 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 395667

Ion Ratio Lower Upper

112 100

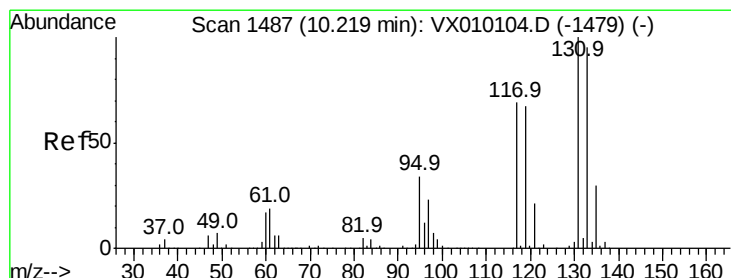
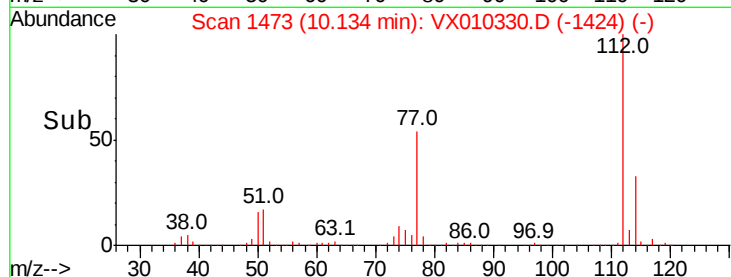
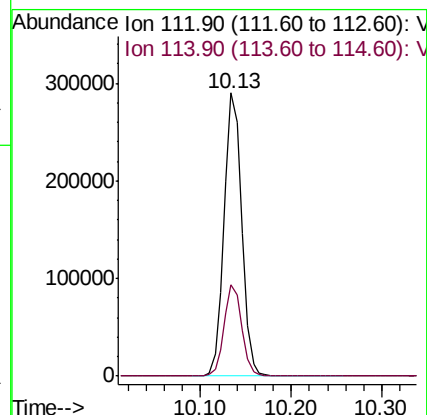
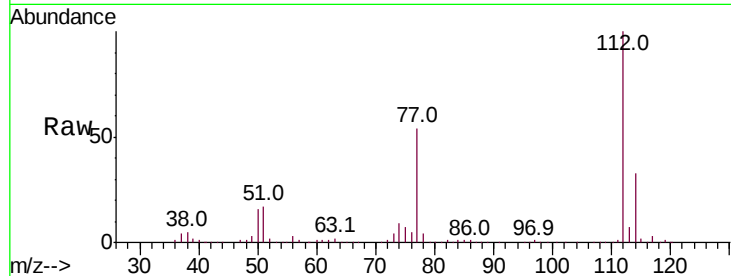
114 32.5 25.8 38.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 48.793 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

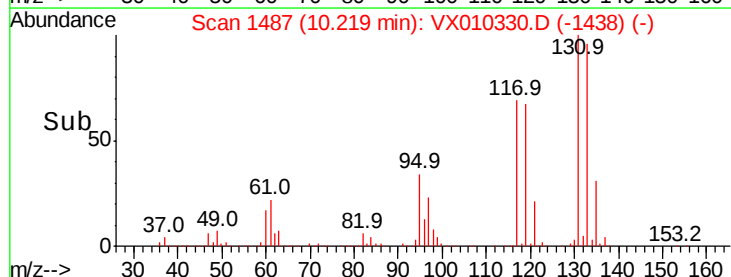
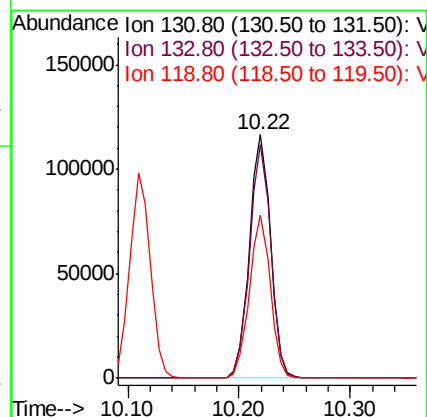
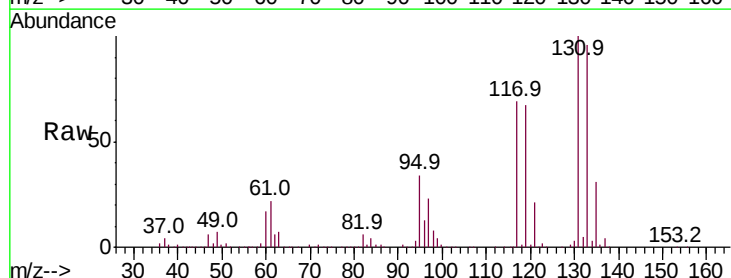
Tgt Ion:131 Resp: 153379

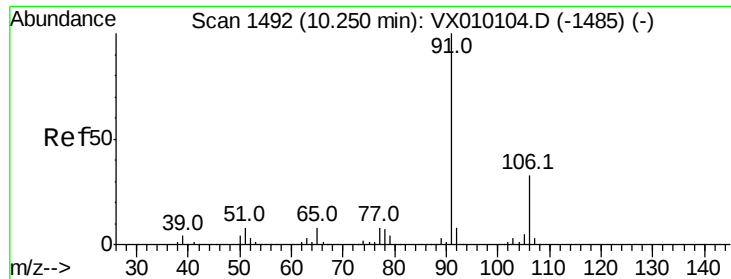
Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.6

119 66.4 33.4 100.1





#67

Ethyl Benzene

Concen: 47.705 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 663824

Ion Ratio Lower Upper

91 100

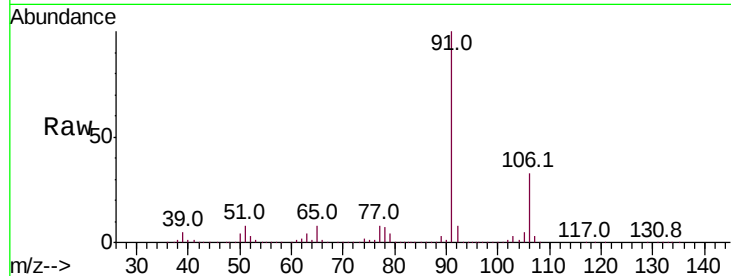
106 32.7 23.9 35.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX010104.D (-1485) (-)

800000

600000

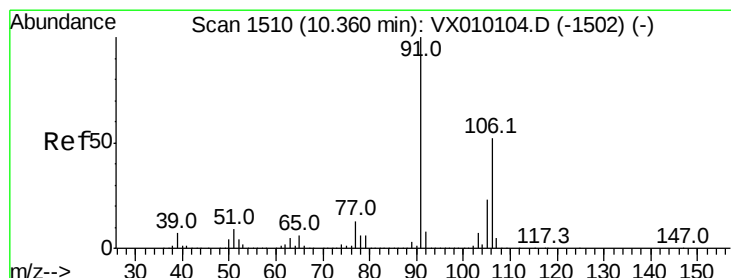
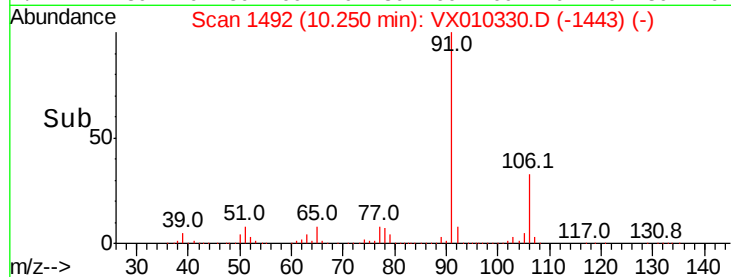
400000

200000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 95.656 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010330.D

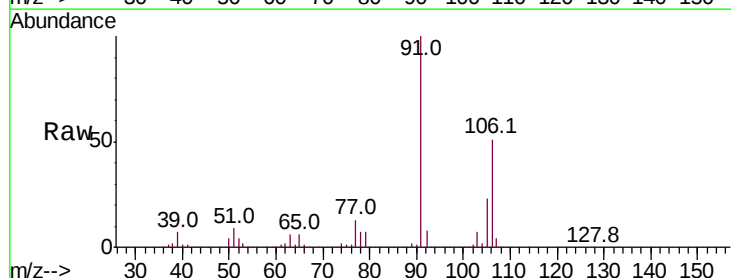
Acq: 17 Jun 2019 18:09

Tgt Ion: 106 Resp: 515085

Ion Ratio Lower Upper

106 100

91 194.5 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VX010104.D (-1502) (-)

Ion 91.00 (90.70 to 91.70): VX010104.D (-1502) (-)

800000

600000

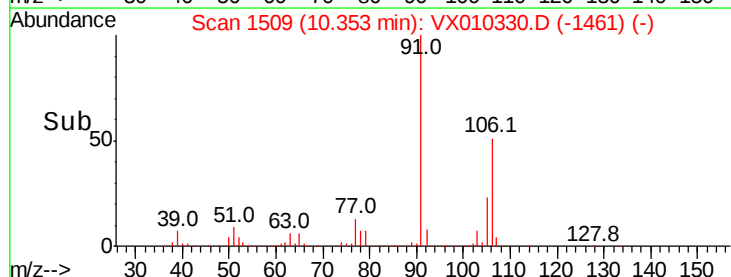
400000

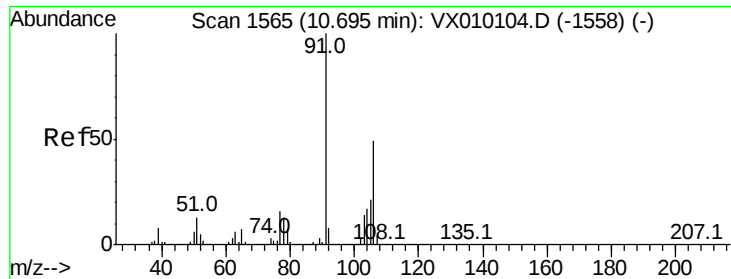
200000

0

10.30 10.35 10.40 10.50

Time-->





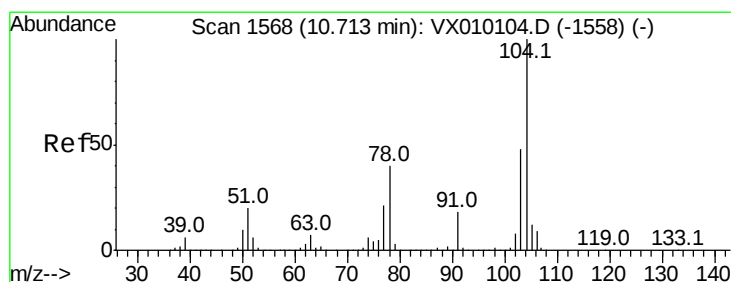
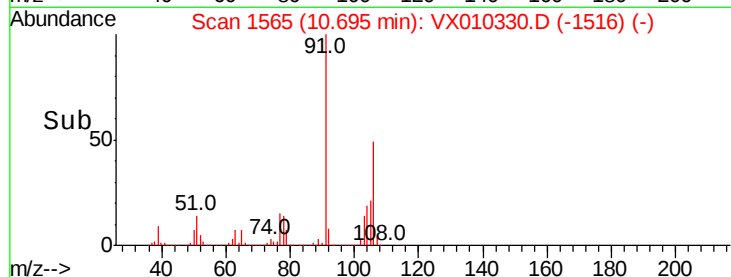
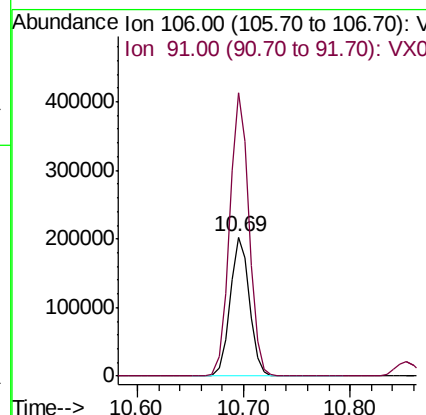
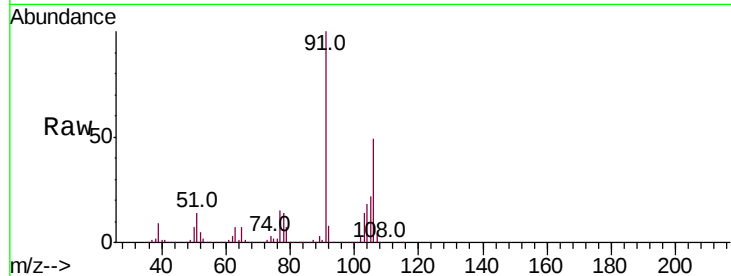
#69
o-Xylene
Concen: 47.923 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 256520
Ion Ratio Lower Upper
106 100
91 204.2 110.4 331.2

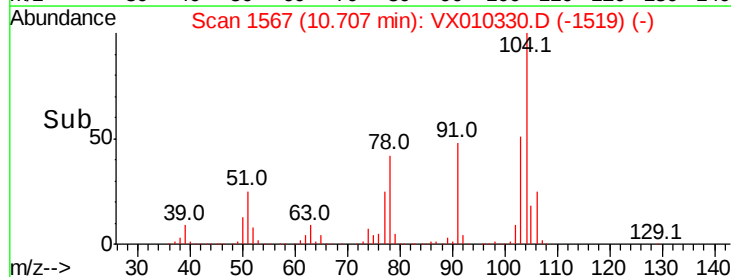
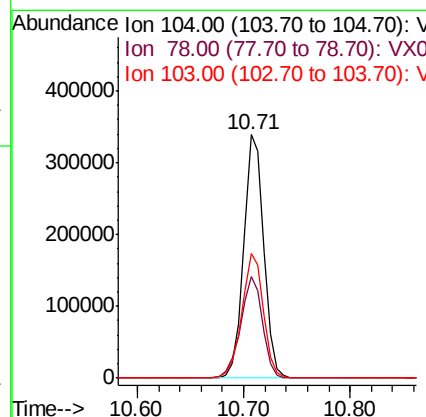
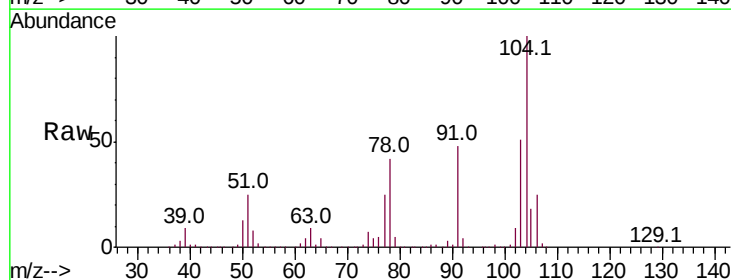
Manual Integrations
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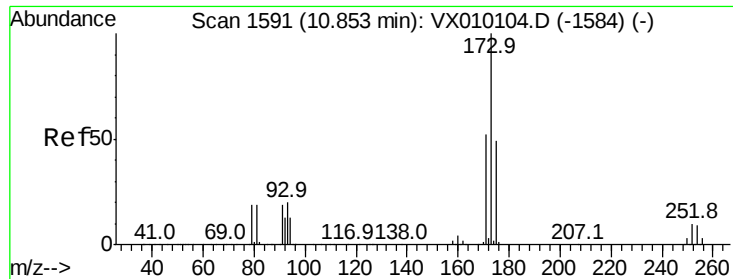
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#70
Styrene
Concen: 49.579 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion:104 Resp: 449470
Ion Ratio Lower Upper
104 100
78 45.5 42.1 63.1
103 54.9 44.1 66.1





#71

Bromoform

Concen: 50.261 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 145244

Ion Ratio Lower Upper

173 100

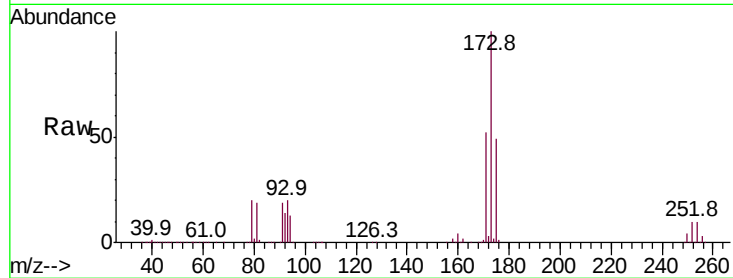
175 48.5 25.0 75.0

254 0.2 0.2 0.2

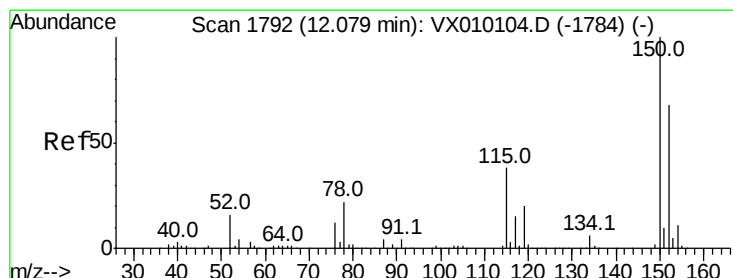
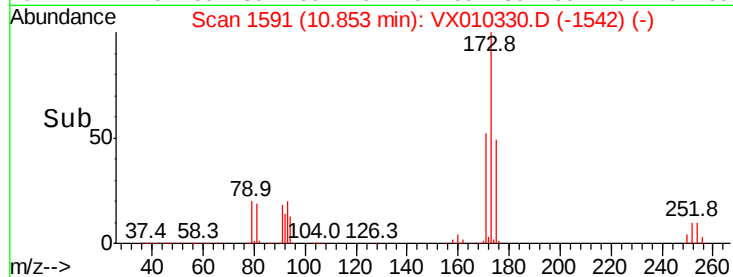
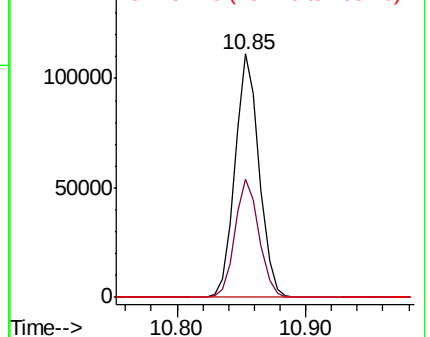
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Abundance Ion 172.70 (172.40 to 173.40): V
150000 Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

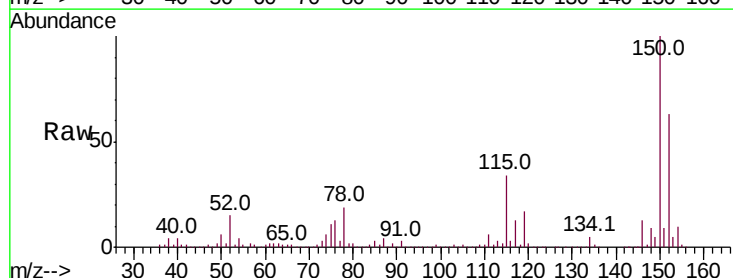
Tgt Ion:152 Resp: 208312

Ion Ratio Lower Upper

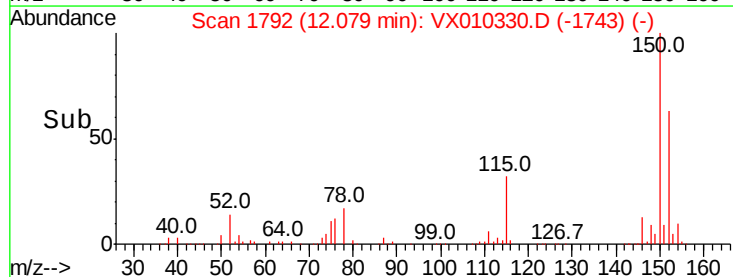
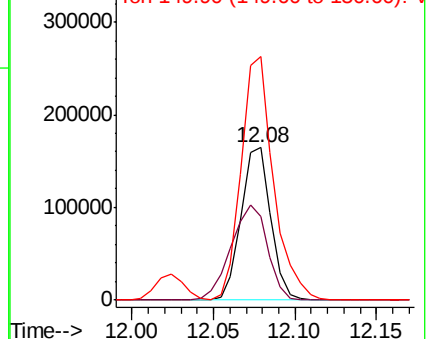
152 100

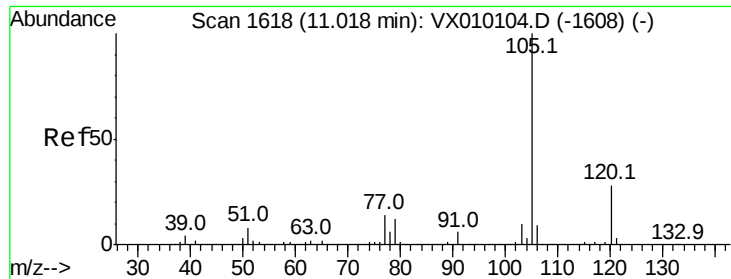
115 76.7 41.4 124.2

150 174.1 0.0 345.2



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





#73

Isopropylbenzene

Concen: 46.664 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 678566

Ion Ratio Lower Upper

105 100

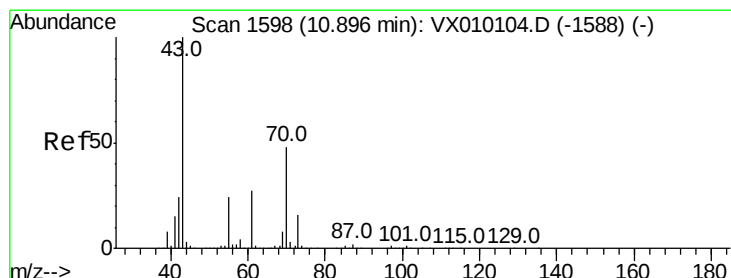
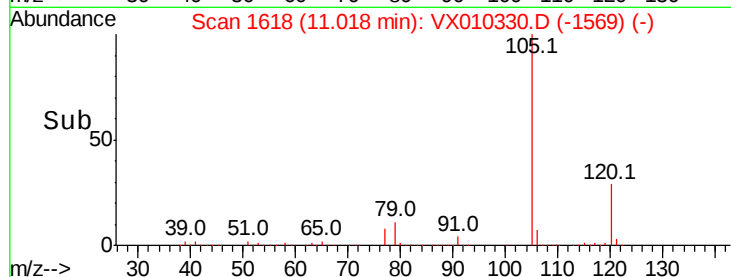
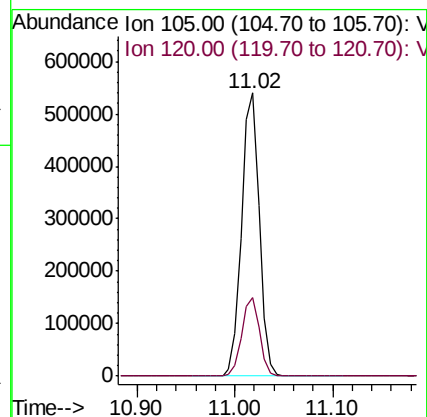
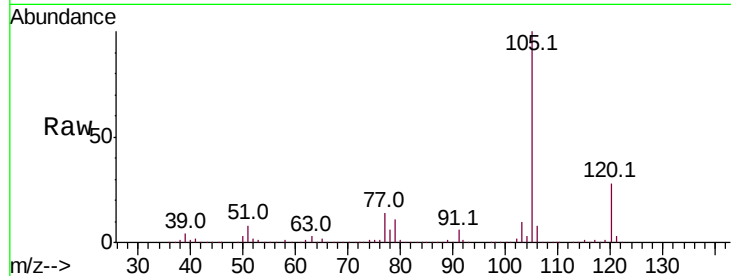
120 27.7 12.8 38.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.640 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Tgt Ion: 43 Resp: 285346

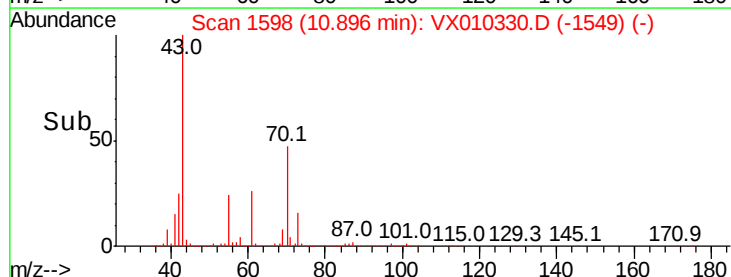
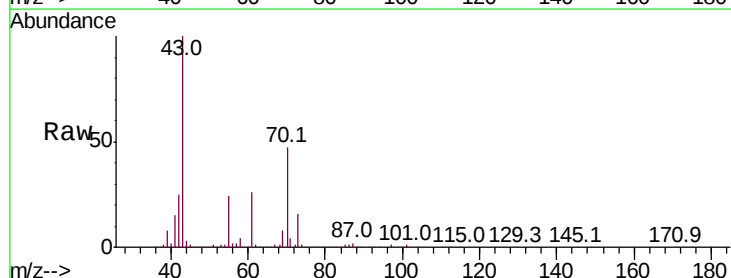
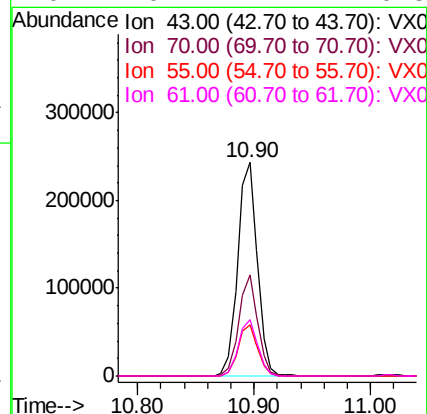
Ion Ratio Lower Upper

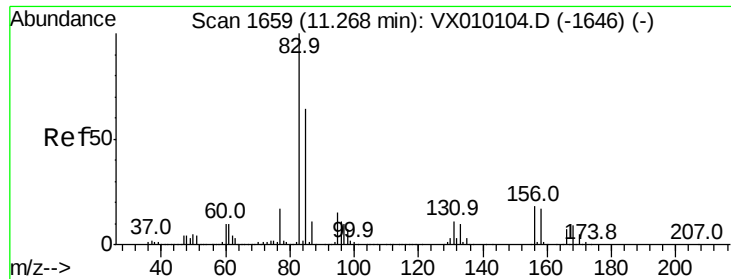
43 100

70 45.5 28.6 43.0#

55 23.9 17.8 26.8

61 26.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.151 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

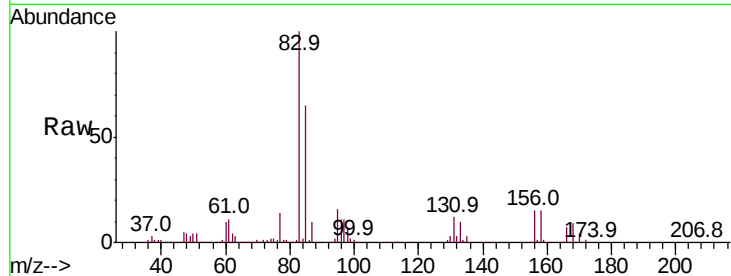
ClientSampleId :

VSTDCCC050EC

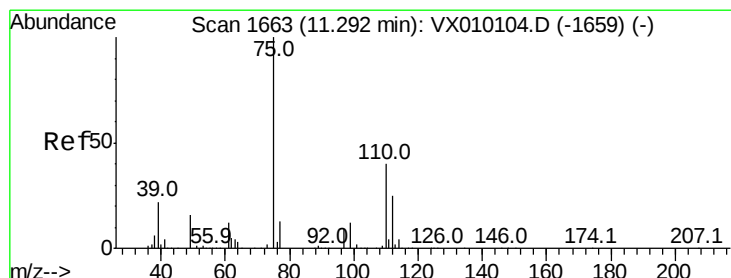
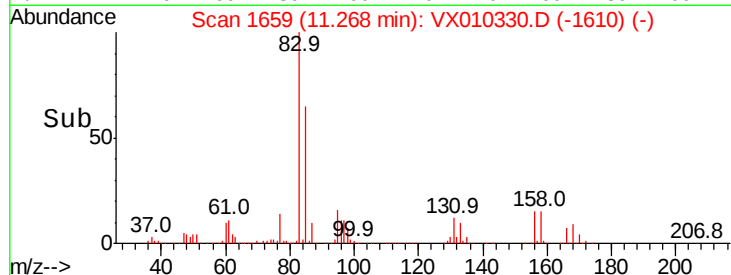
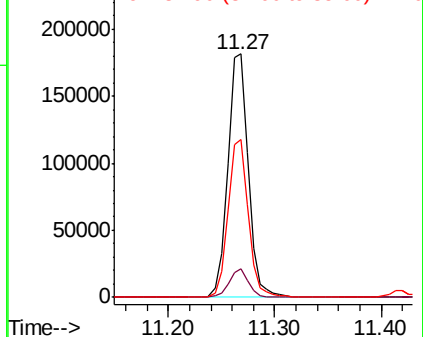
Tot Ion:	83	Resp:	244660
Ion Ratio	Lower	Upper	
83	100		
131	10.8	4.7	14.1
85	64.4	31.9	95.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.428 ug/l m

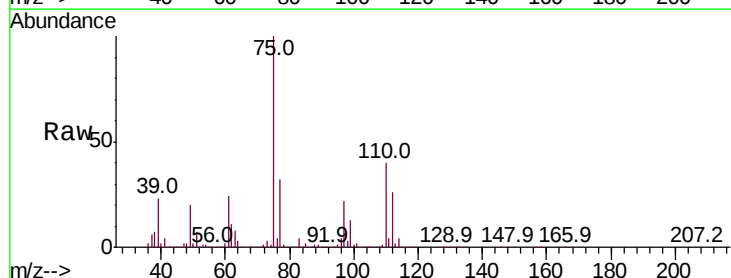
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

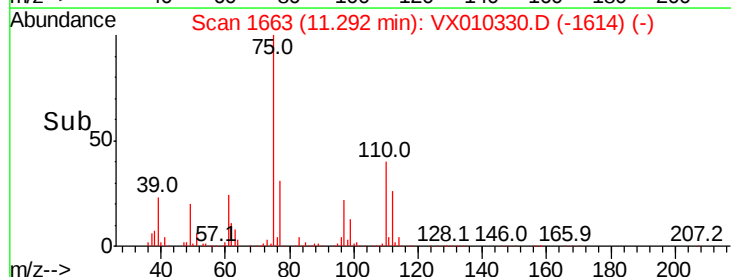
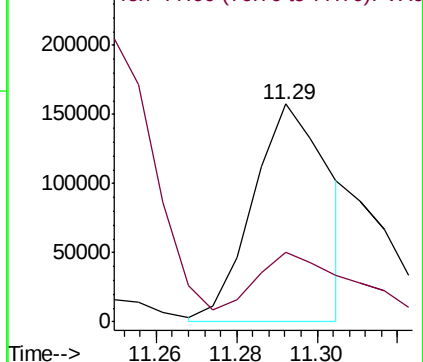
Lab File: VX010330.D

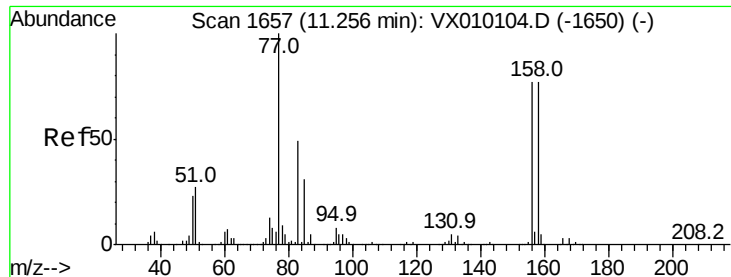
Acq: 17 Jun 2019 18:09

Tgt Ion:	75	Resp:	205950
Ion Ratio	Lower	Upper	
75	100		
77	43.4	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.016 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 192009

Ion Ratio Lower Upper

156 100

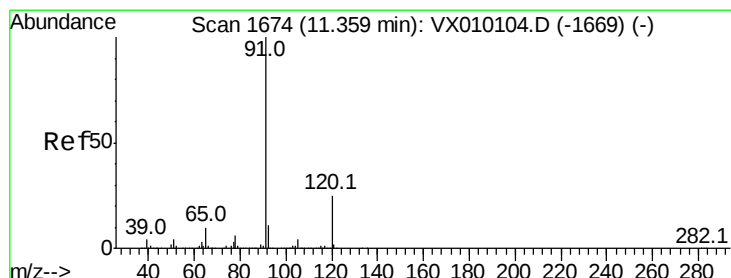
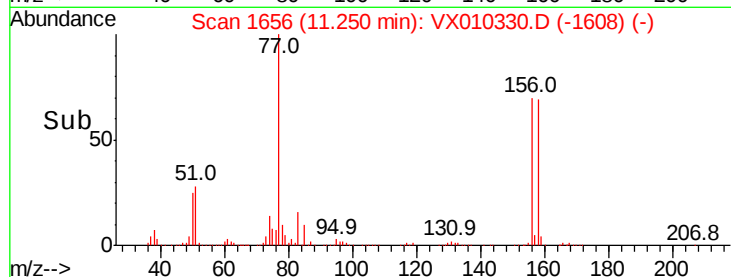
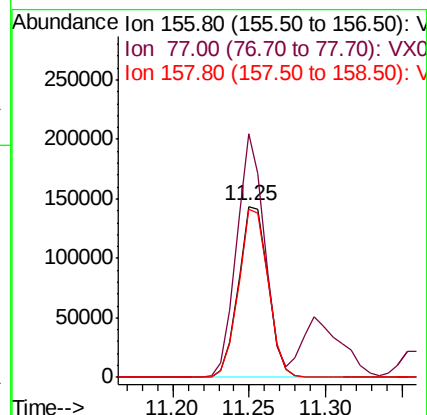
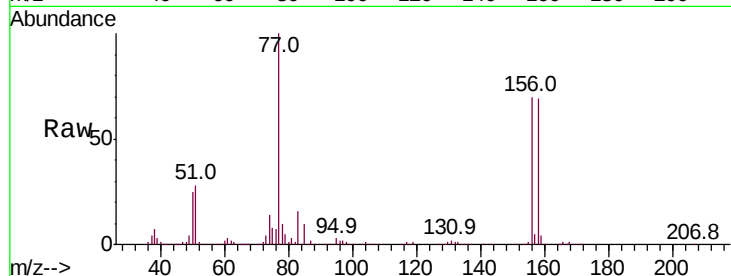
77 134.6 86.8 260.3

158 98.1 49.6 148.8

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#78

n-propylbenzene

Concen: 46.878 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010330.D

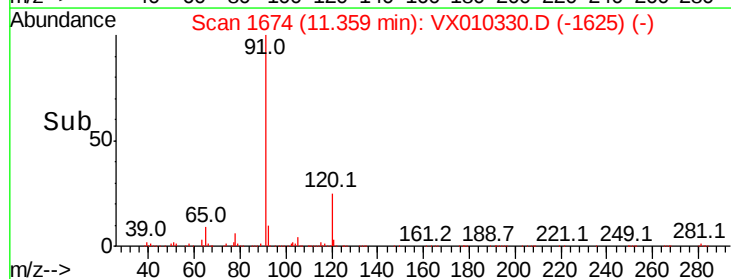
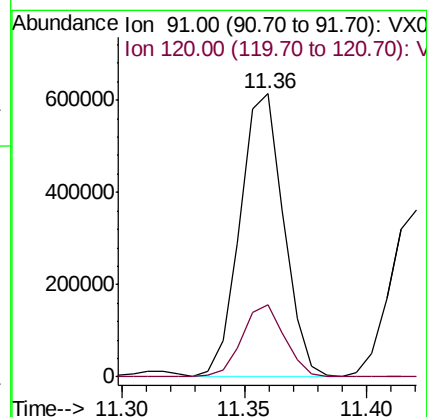
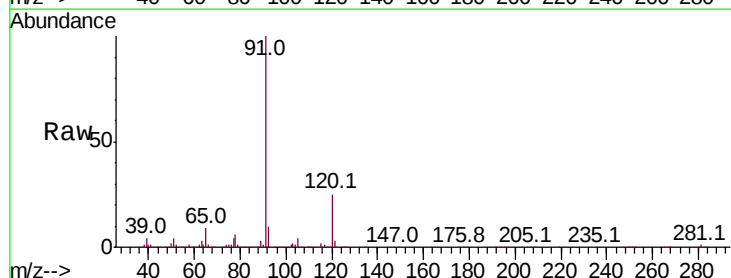
Acq: 17 Jun 2019 18:09

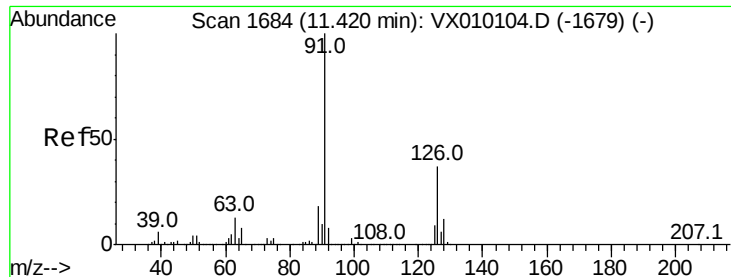
Tgt Ion: 91 Resp: 758903

Ion Ratio Lower Upper

91 100

120 25.1 11.1 33.3





#79

2-Chlorotoluene

Concen: 45.875 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 446044

Ion Ratio Lower Upper

91 100

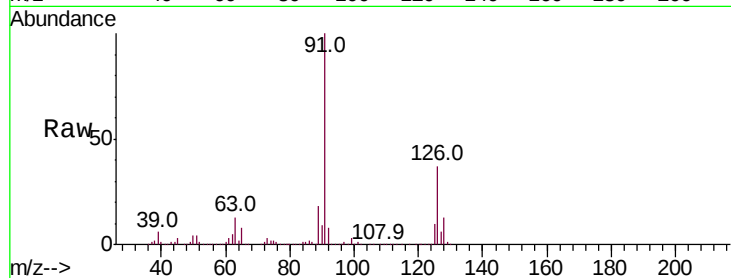
126 37.2 16.1 48.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010104.D (-1679) (-)

600000

400000

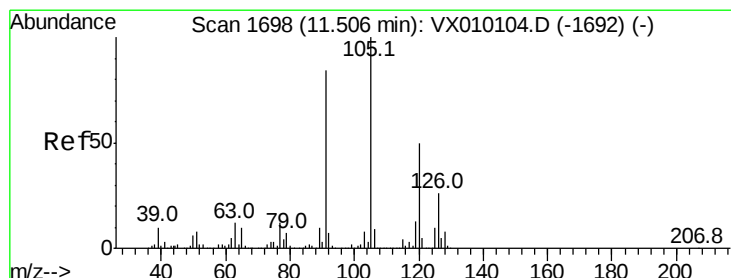
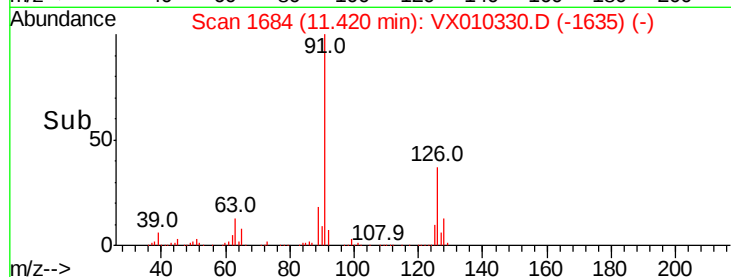
200000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.000 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010330.D

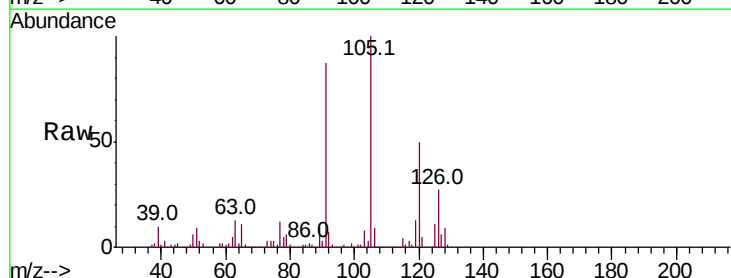
Acq: 17 Jun 2019 18:09

Tgt Ion:105 Resp: 575655

Ion Ratio Lower Upper

105 100

120 50.0 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010104.D (-1692) (-)

500000

400000

300000

200000

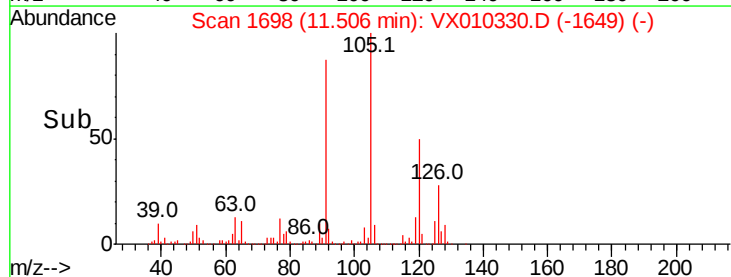
100000

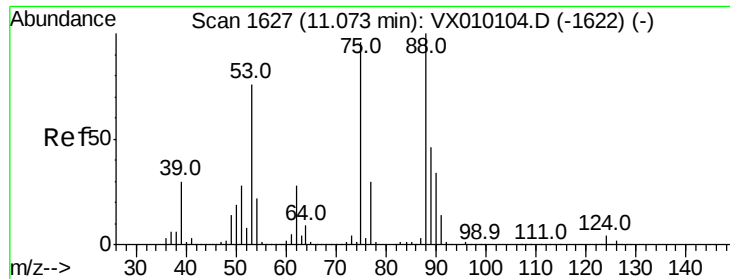
0

11.51

11.60

Time-->





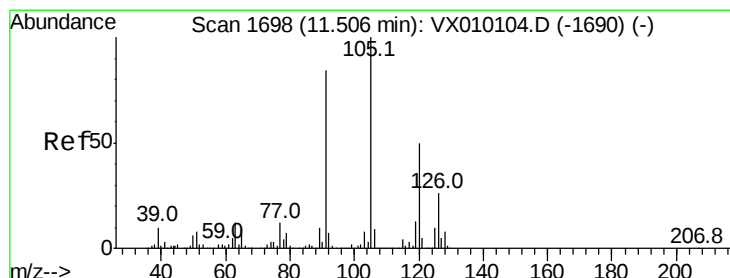
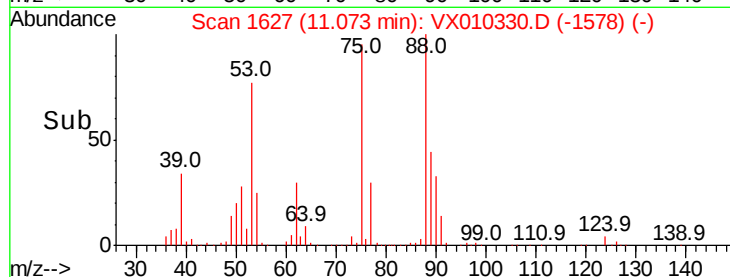
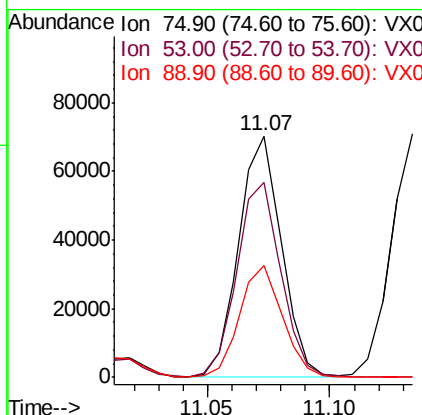
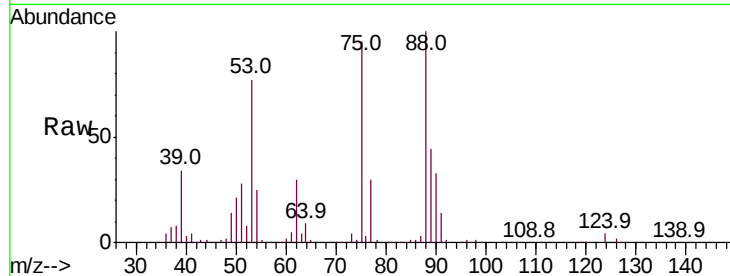
#81
trans-1,4-Dichloro-2-butene
Concen: 45.154 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.2	79.8	119.6
89	47.0	34.2	51.4

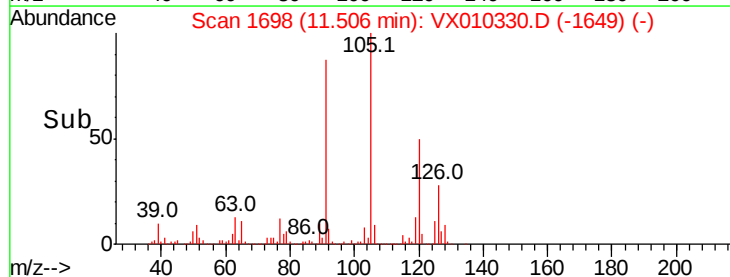
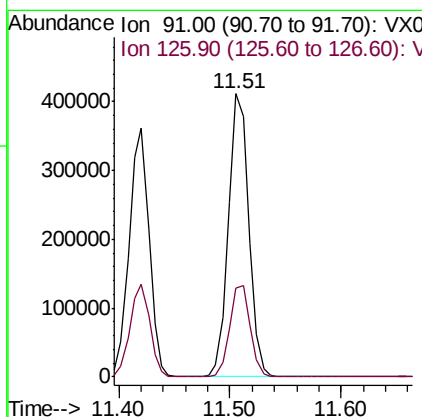
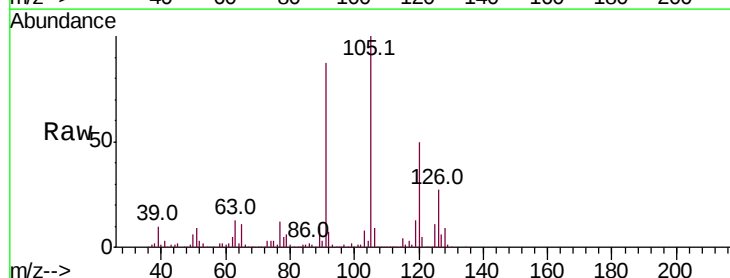
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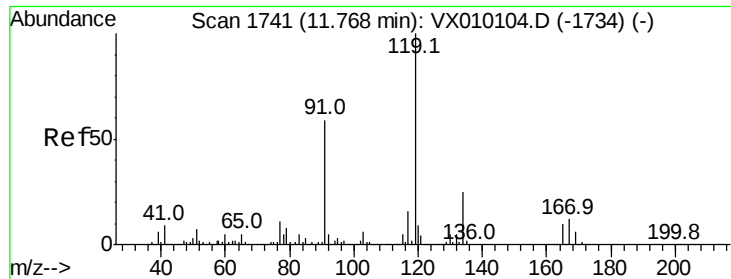
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#82
4-Chlorotoluene
Concen: 47.206 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	14.2	42.6





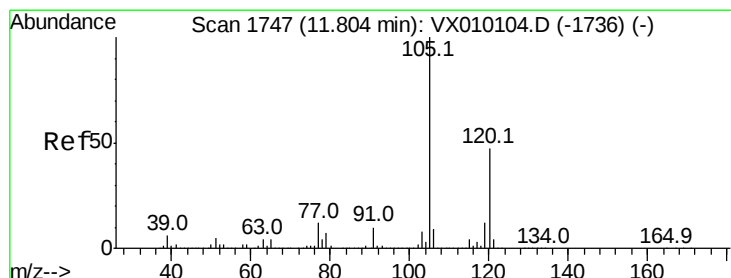
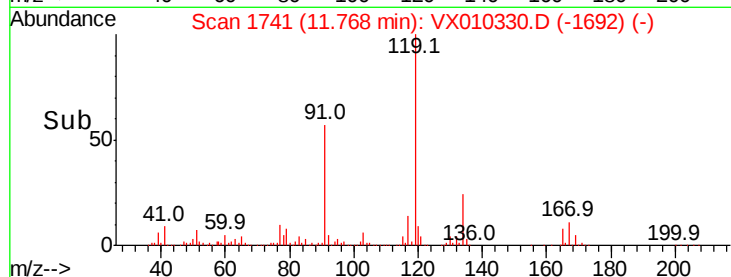
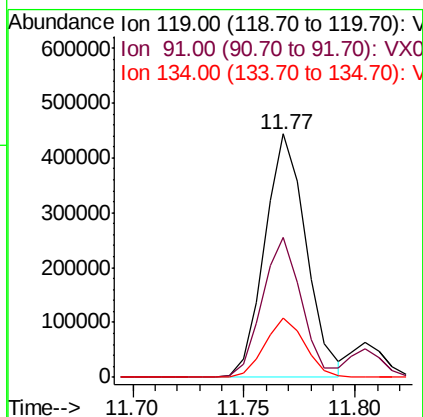
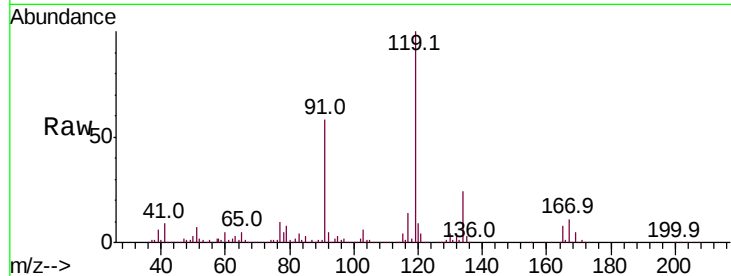
#83
tert-Butylbenzene
Concen: 46.372 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.0	30.0	90.0
134	23.4	11.2	33.5

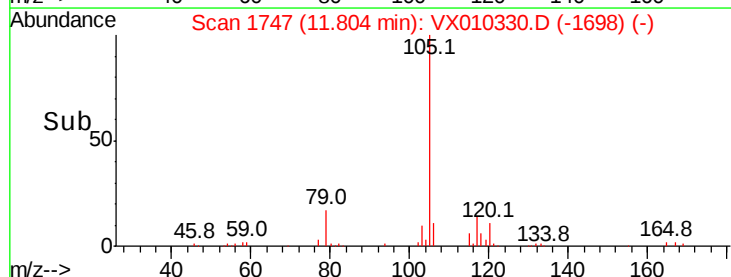
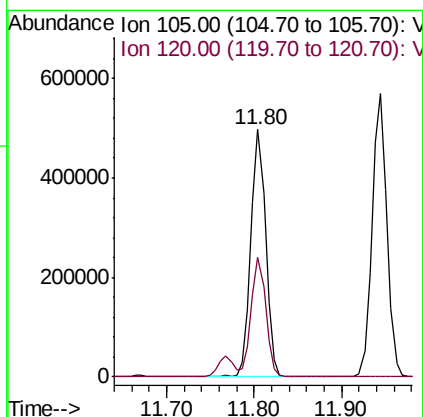
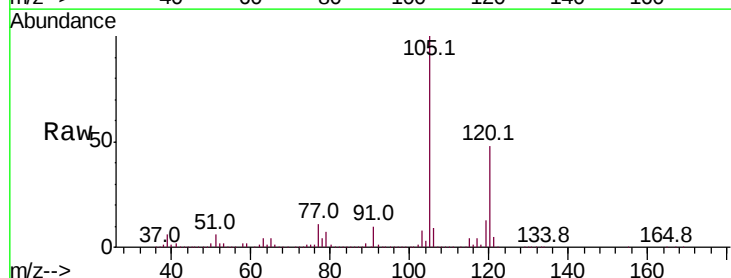
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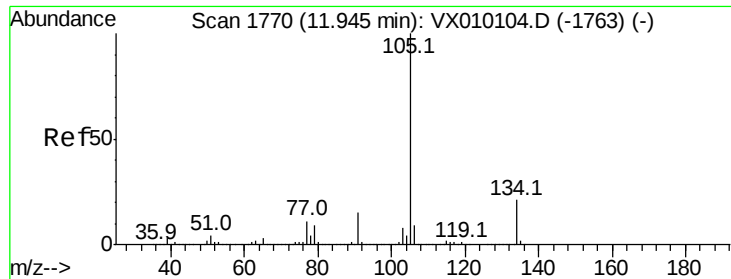
MMDadoda
6/18/2019 11:27:04 AM



#84
1,2,4-Trimethylbenzene
Concen: 46.876 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010330.D
Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.7	22.1	66.1





#85

sec-Butylbenzene

Concen: 47.064 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 679721

Ion Ratio Lower Upper

105 100

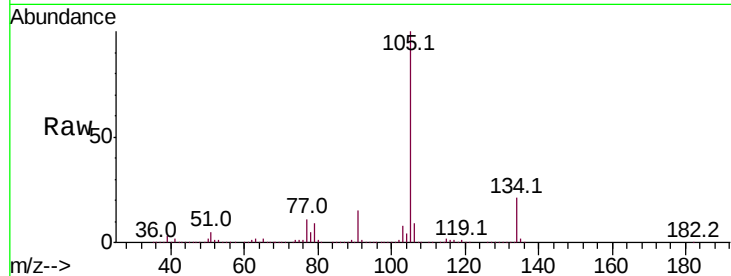
134 21.1 9.7 28.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

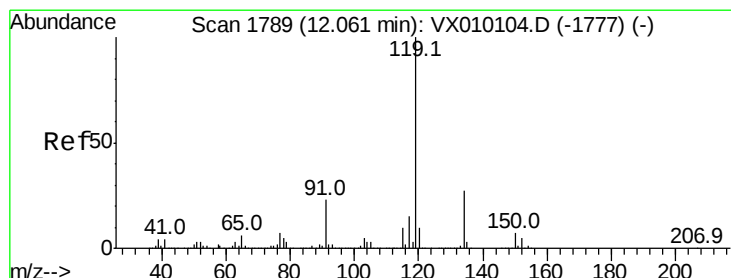
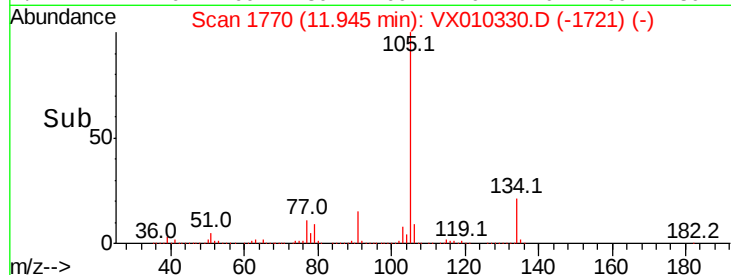
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 47.750 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

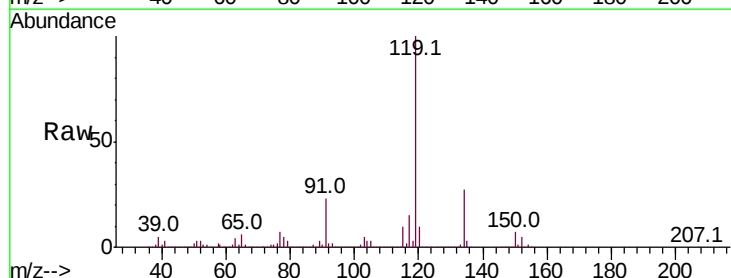
Tgt Ion:119 Resp: 630449

Ion Ratio Lower Upper

119 100

134 27.7 12.9 38.6

91 22.3 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

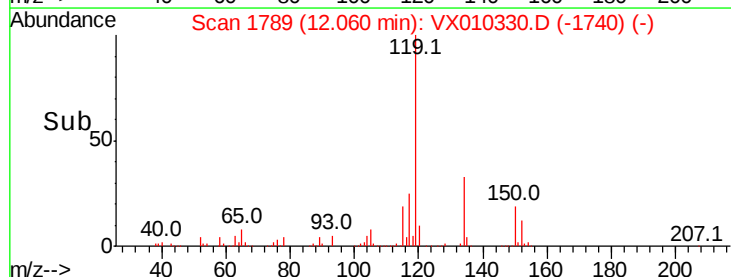
600000

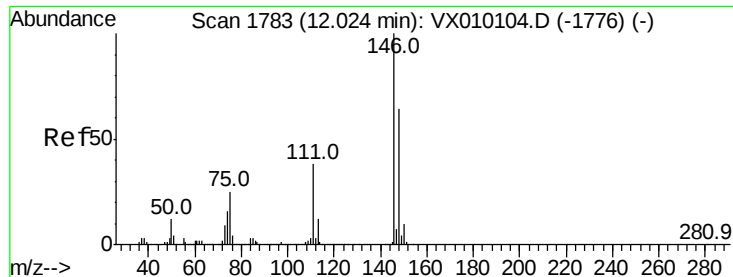
400000

200000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 48.368 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

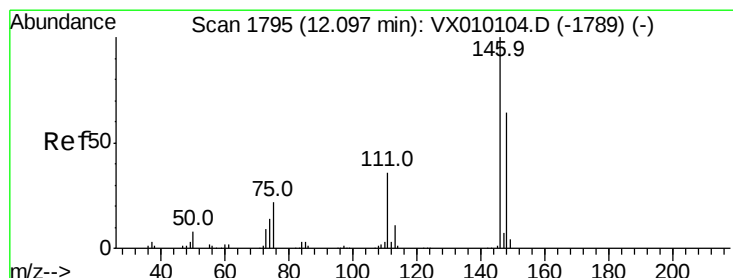
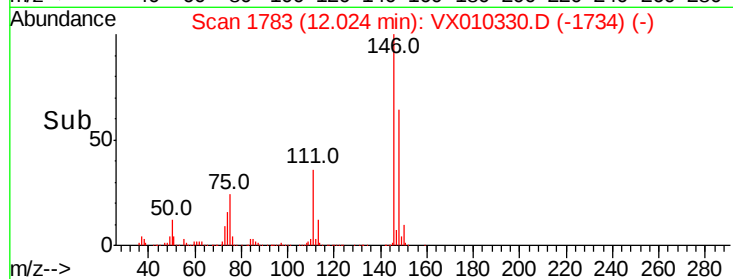
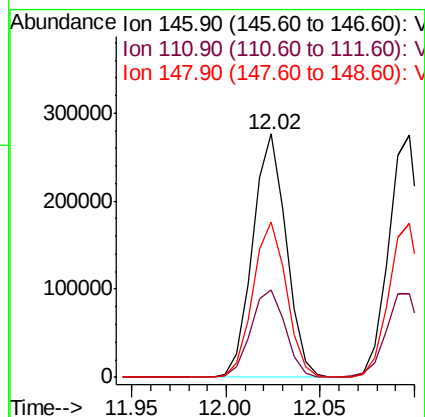
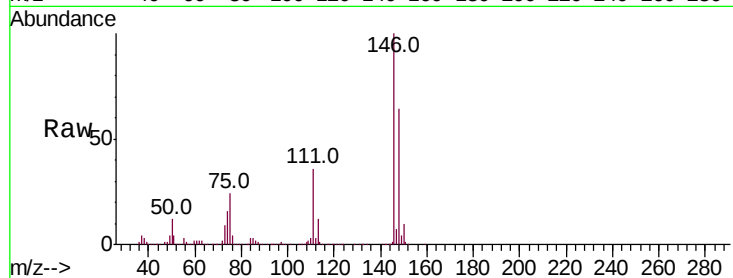
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	340686
Ion Ratio	Lower	Upper	
146	100		
111	36.8	20.1	60.2
148	63.9	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 47.534 ug/l

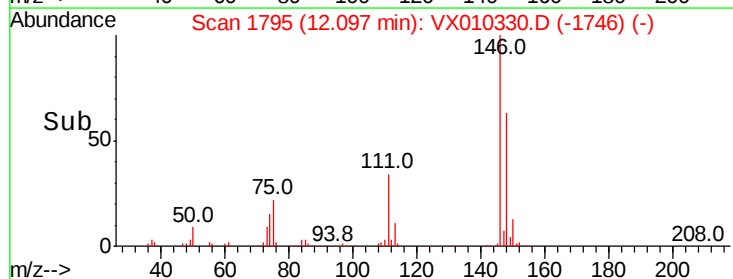
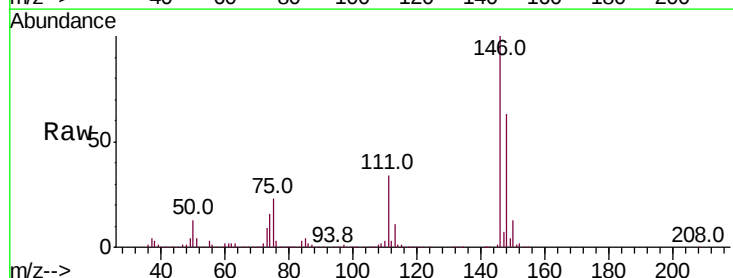
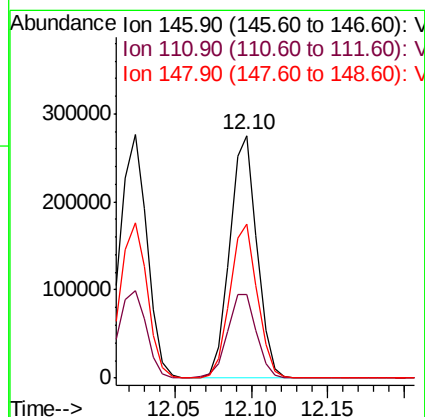
RT: 12.10 min Scan# 1795

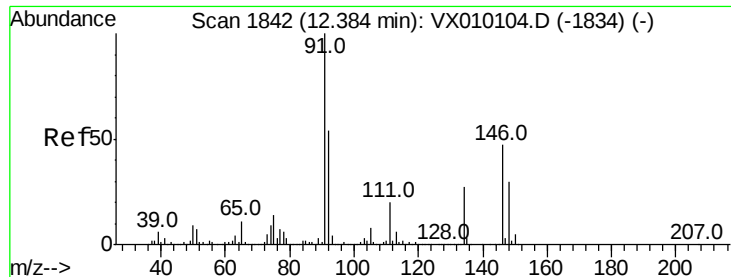
Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Tgt Ion:	146	Resp:	337516
Ion Ratio	Lower	Upper	
146	100		
111	36.8	20.0	59.9
148	64.5	32.3	96.9





#89

n-Butylbenzene

Concen: 48.410 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 550178

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.8

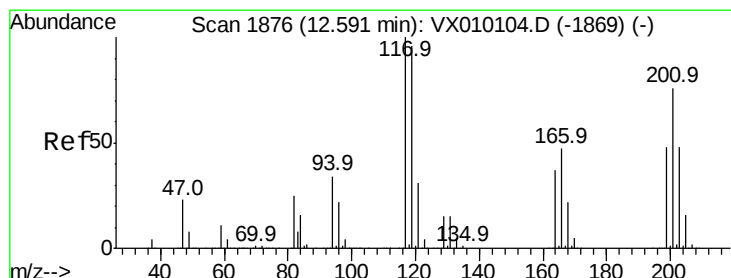
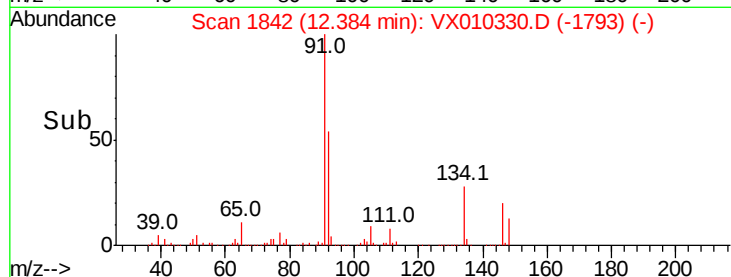
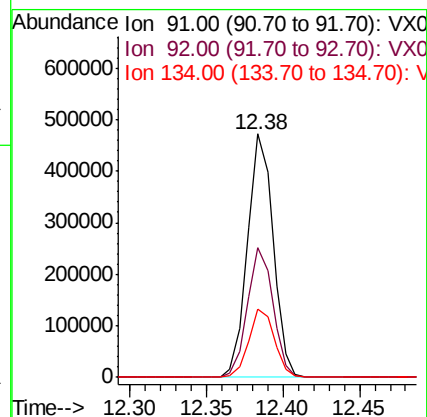
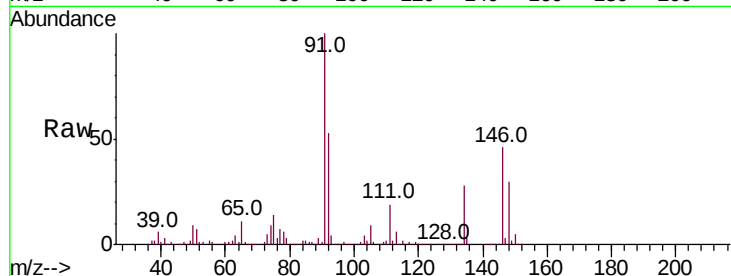
134 28.2 12.3 36.8

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#90

Hexachloroethane

Concen: 43.524 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX010330.D

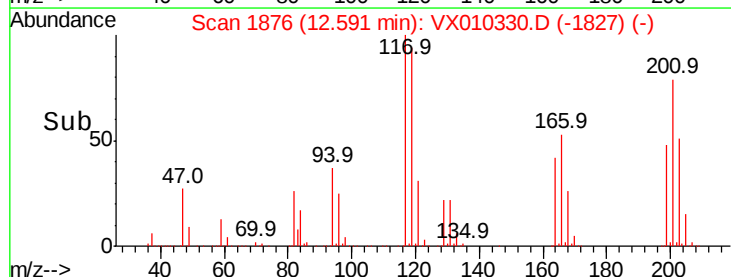
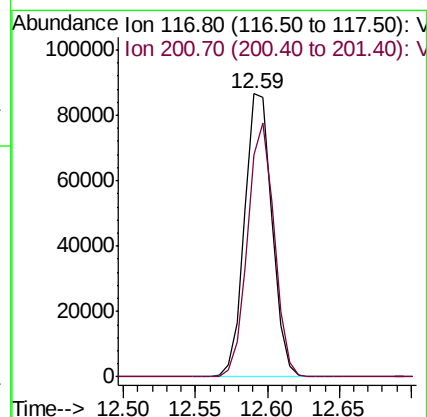
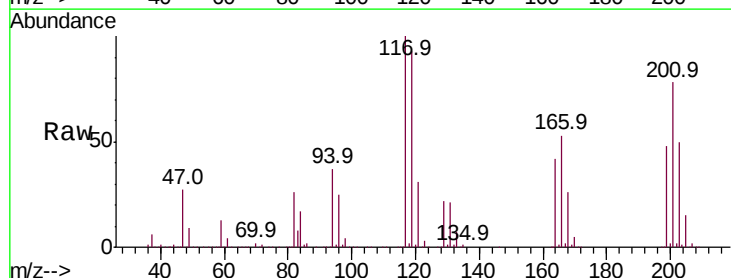
Acq: 17 Jun 2019 18:09

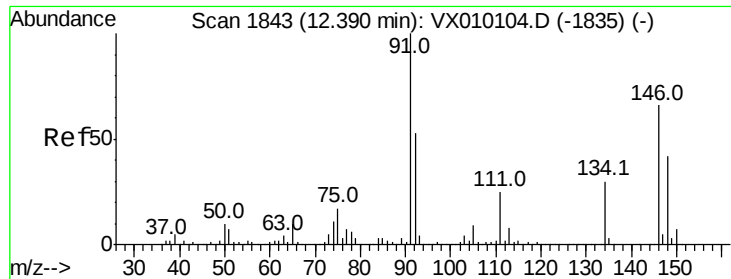
Tgt Ion: 117 Resp: 114472

Ion Ratio Lower Upper

117 100

201 86.5 43.6 130.9





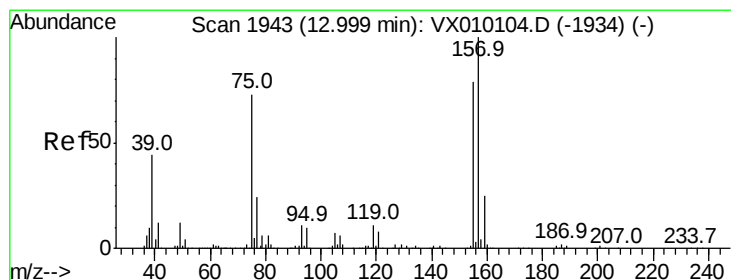
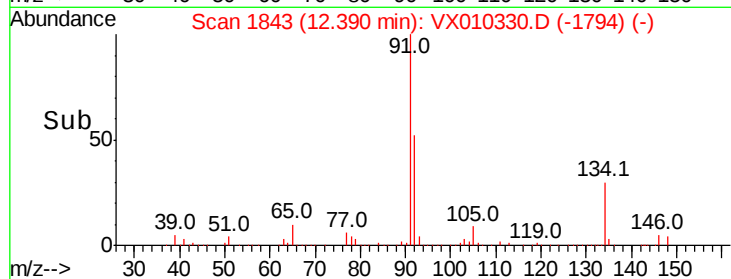
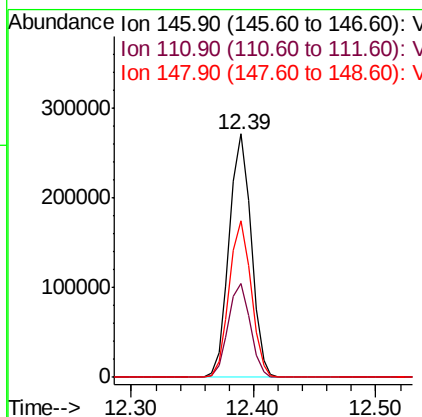
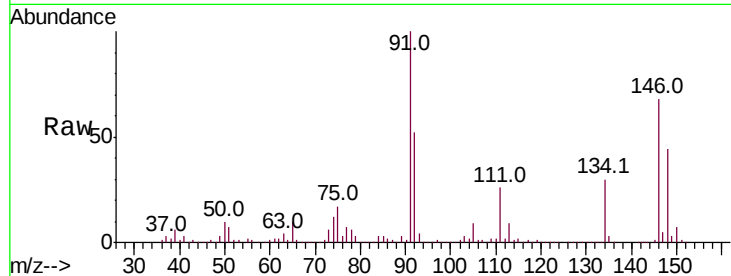
#91
 1,2-Dichlorobenzene
 Concen: 49.265 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.6	21.1	63.1	
148	64.2	32.3	96.8	

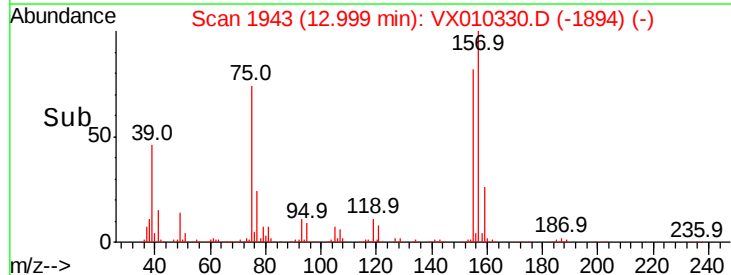
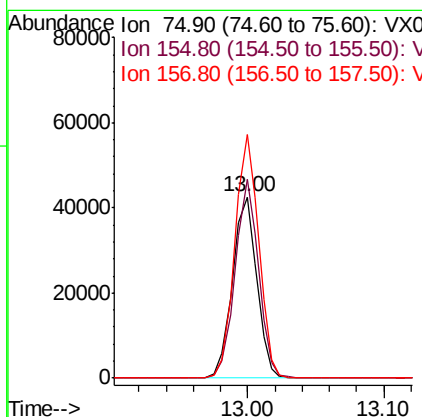
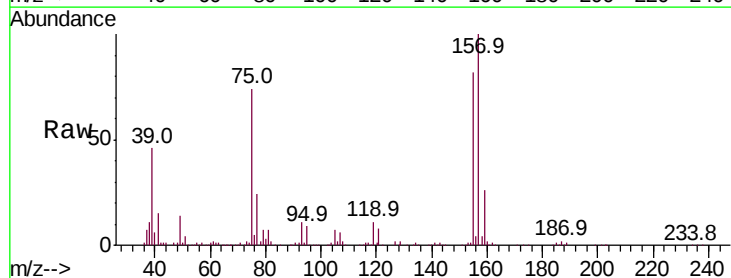
Manual Integrations
 APPROVED

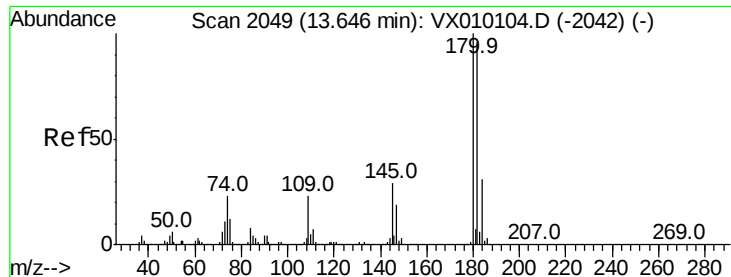
MMDadoda
 6/18/2019 11:27:04 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.126 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	105.0	39.3	117.8	
157	132.3	50.6	151.8	





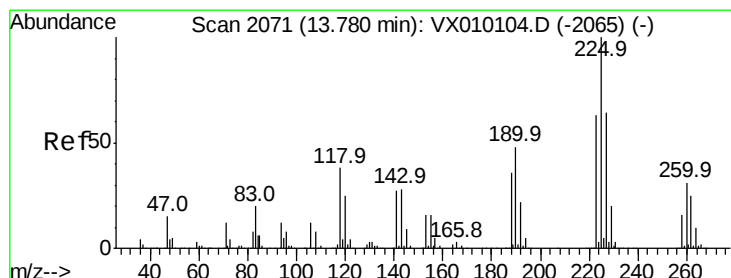
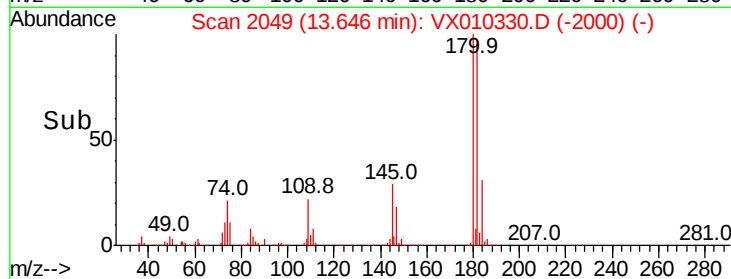
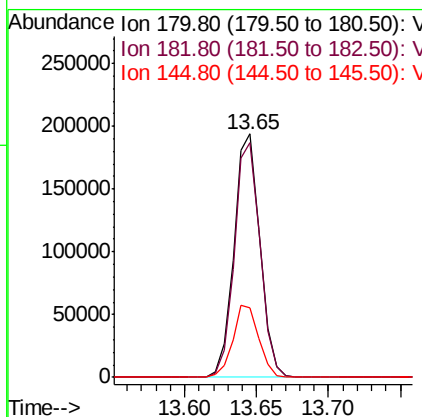
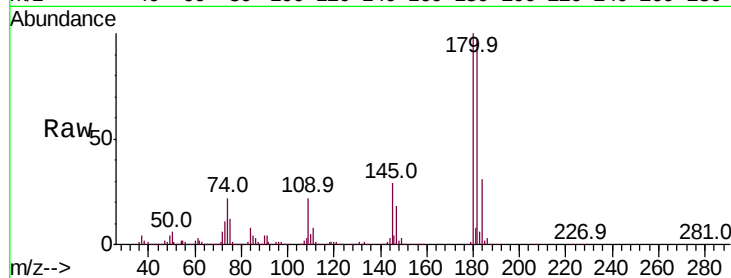
#93
 1,2,4-Trichlorobenzene
 Concen: 48.740 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	244306		
182	95.9	47.4	142.2	
145	29.8	14.5	43.5	

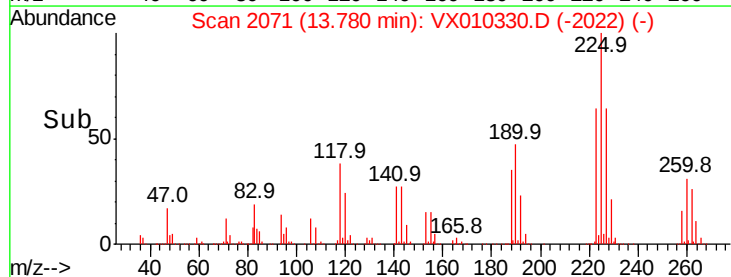
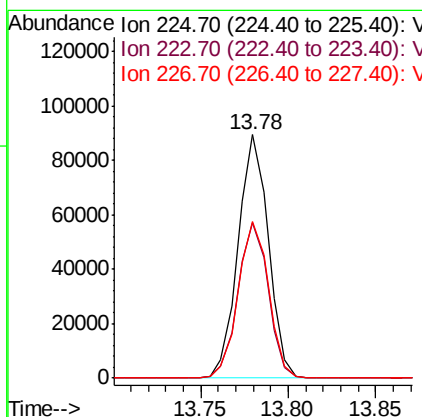
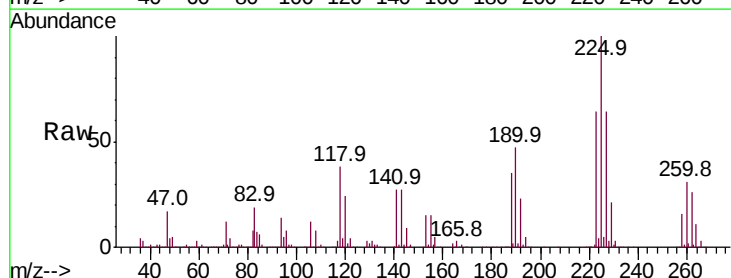
Manual Integrations
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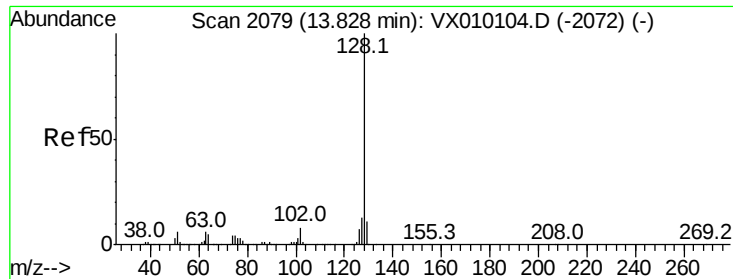
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 6/18/2019 11:27:04 AM



#94
 Hexachlorobutadiene
 Concen: 48.263 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010330.D
 Acq: 17 Jun 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107588		
223	63.9	31.3	93.8	
227	64.9	32.3	96.8	





#95

Naphthalene

Concen: 49.738 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Instrument :

MSVOA_X

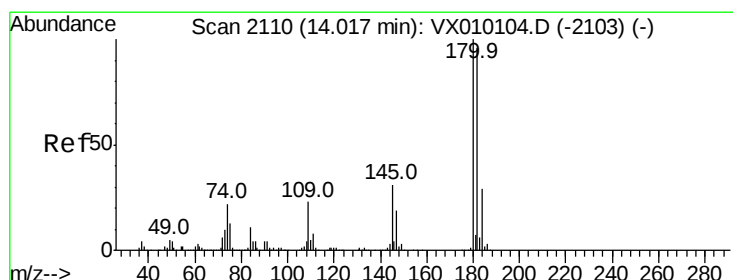
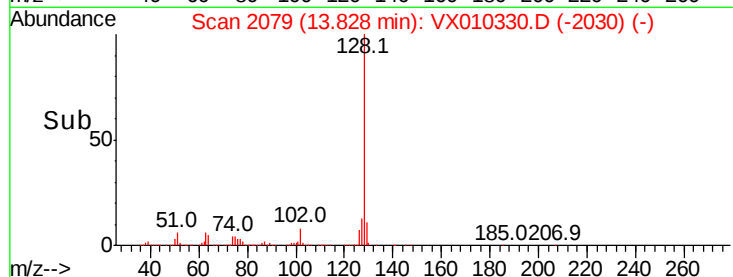
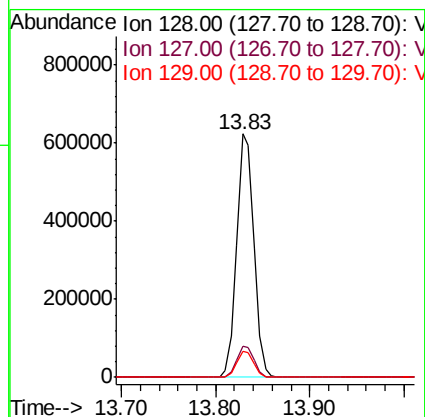
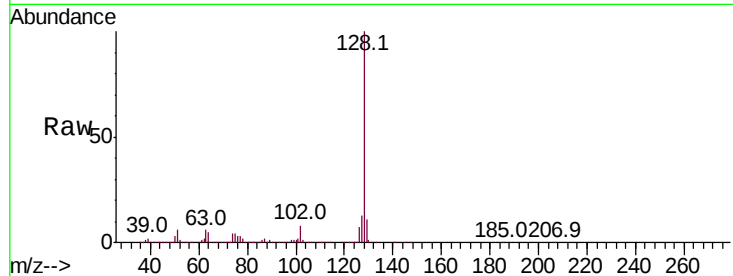
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	784805
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.8	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 50.237 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010330.D

Acq: 17 Jun 2019 18:09

Tgt Ion:	180	Resp:	248979
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.3	142.0
145	30.6	15.6	46.7

