

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071719\
 Data File : VX010923.D
 Acq On : 17 Jul 2019 09:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 10:58:03 AM

Quant Time: Jul 18 03:11:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	237428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	350940	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	321119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	172997	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	122121	48.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.70%	
35) Dibromofluoromethane	5.49	113	110599	49.65	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	99.30%	
50) Toluene-d8	8.71	98	420052	50.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	158313	51.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	130487	51.524	ug/l	100
3) Chloromethane	1.32	50	116168	53.206	ug/l	100
4) Vinyl Chloride	1.41	62	118765	53.329	ug/l	99
5) Bromomethane	1.64	94	60643	48.322	ug/l	99
6) Chloroethane	1.72	64	69940	49.418	ug/l	98
7) Trichlorofluoromethane	1.93	101	195146	51.765	ug/l	100
8) Diethyl Ether	2.19	74	64665	49.785	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111925	51.998	ug/l	99
10) Methyl Iodide	2.51	142	145198	51.404	ug/l	99
11) Tert butyl alcohol	3.04	59	124388	211.454	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108601	51.352	ug/l	99
13) Acrolein	2.29	56	71859	211.430	ug/l	99
14) Allyl chloride	2.73	41	159121	51.799	ug/l	99
15) Acrylonitrile	3.14	53	291595	245.311	ug/l	99
16) Acetone	2.44	43	324989	284.877	ug/l	99
17) Carbon Disulfide	2.57	76	287560	53.008	ug/l	99
18) Methyl Acetate	2.77	43	120570	46.415	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	343290	50.424	ug/l	100
20) Methylene Chloride	2.85	84	119443	49.405	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	115257	51.364	ug/l	91
22) Diisopropyl ether	3.85	45	328272	50.669	ug/l	98
23) Vinyl Acetate	3.81	43	1441800	262.650	ug/l	100
24) 1,1-Dichloroethane	3.70	63	188900	50.205	ug/l	99
25) 2-Butanone	4.67	43	432464	264.082	ug/l	99
26) 2,2-Dichloropropane	4.58	77	160019	51.796	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	130693	50.325	ug/l	98
28) Bromochloromethane	5.01	49	82630	46.603	ug/l	98
29) Tetrahydrofuran	5.12	42	250217	241.213	ug/l	100
30) Chloroform	5.21	83	201859	49.634	ug/l	99
31) Cyclohexane	5.57	56	175400	51.144	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	180440	51.283	ug/l	99
36) 1,1-Dichloropropene	5.79	75	148882	51.648	ug/l	99
37) Ethyl Acetate	4.82	43	151307	51.260	ug/l	100
38) Carbon Tetrachloride	5.78	117	161739	53.844	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	199193	53.285	ug/l	99
40) Benzene	6.13	78	456624	51.712	ug/l	99
41) Methacrylonitrile	5.04	41	81898	48.876	ug/l	99
42) 1,2-Dichloroethane	6.19	62	155126	50.526	ug/l	100
43) Isopropyl Acetate	6.44	43	245556	50.593	ug/l	99
44) Trichloroethene	7.21	130	133336	51.013	ug/l	95
45) 1,2-Dichloropropane	7.51	63	113317	50.420	ug/l	97
46) Dibromomethane	7.66	93	83068	51.725	ug/l	99
47) Bromodichloromethane	7.89	83	153851	53.818	ug/l	97
48) Methyl methacrylate	7.76	41	118936	50.302	ug/l	98
49) 1,4-Dioxane	7.74	88	63017	952.806	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	805910	256.148	ug/l	100
52) Toluene	8.78	92	298765	51.504	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	169571	55.166	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	187654	54.863	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	123761	51.816	ug/l	95
56) Ethyl methacrylate	9.18	69	188421	53.931	ug/l	100
57) 1,3-Dichloropropane	9.37	76	192466	50.796	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	466166	279.514	ug/l	100
59) 2-Hexanone	9.49	43	650127	266.413	ug/l	100
60) Dibromochloromethane	9.58	129	136032	49.513	ug/l	100
61) 1,2-Dibromoethane	9.67	107	131883	52.030	ug/l	99
64) Tetrachloroethene	9.34	164	132418	52.418	ug/l	100
65) Chlorobenzene	10.13	112	338173	51.273	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	125141	53.986	ug/l	99
67) Ethyl Benzene	10.25	91	592962	52.819	ug/l	100
68) m/p-Xylenes	10.35	106	453870	105.396	ug/l	99
69) o-Xylene	10.69	106	217869	51.839	ug/l	99
70) Styrene	10.71	104	378347	54.003	ug/l	100
71) Bromoform	10.85	173	104447	49.513	ug/l #	100
73) Isopropylbenzene	11.02	105	595596	50.952	ug/l	100
74) N-amyl acetate	10.90	43	231577	51.848	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	189097	49.432	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	160425m	51.388	ug/l	
77) Bromobenzene	11.25	156	161394	50.055	ug/l	99
78) n-propylbenzene	11.36	91	683942	52.954	ug/l	99
79) 2-Chlorotoluene	11.42	91	396838	51.147	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	504656	51.666	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	59864	48.696	ug/l	99
82) 4-Chlorotoluene	11.51	91	469579	52.000	ug/l	100
83) tert-Butylbenzene	11.77	119	496432	51.743	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	510717	51.877	ug/l	99
85) sec-Butylbenzene	11.94	105	596641	53.073	ug/l	100
86) p-Isopropyltoluene	12.06	119	553623	53.268	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	290816	51.973	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	286241	49.878	ug/l	98
89) n-Butylbenzene	12.38	91	487169	54.790	ug/l	100
90) Hexachloroethane	12.59	117	91951	56.092	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	280577	50.594	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39427	49.306	ug/l	97

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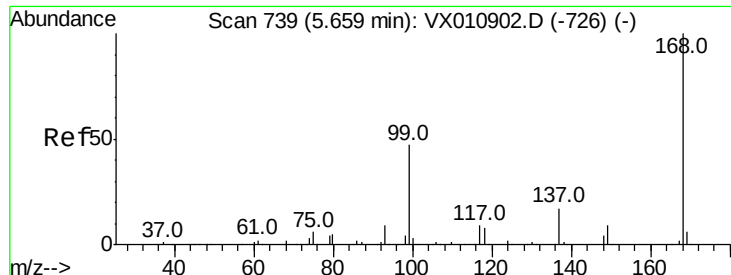
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	196925	52.397	ug/l	98
94) Hexachlorobutadiene	13.78	225	99340	53.338	ug/l	99
95) Naphthalene	13.83	128	583629	52.588	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	198431	53.064	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 237428

Ion Ratio Lower Upper

168 100

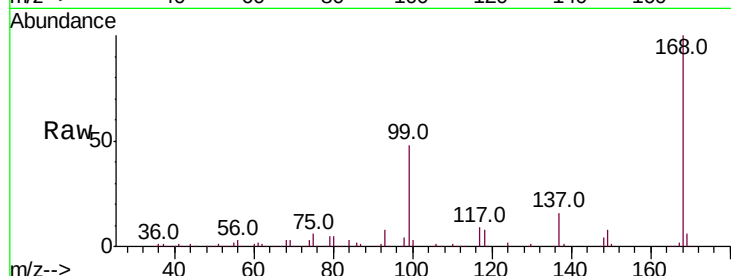
99 48.1 37.6 56.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

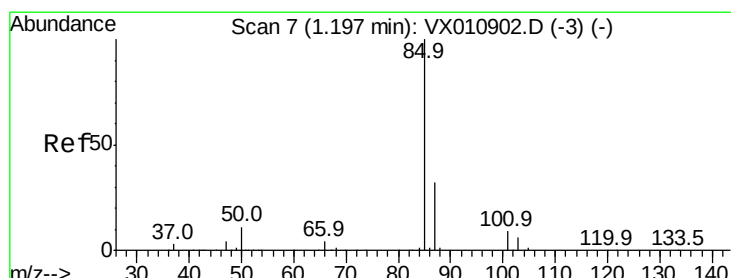
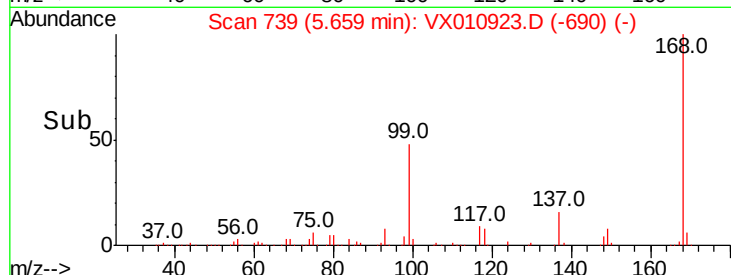
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.524 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010923.D

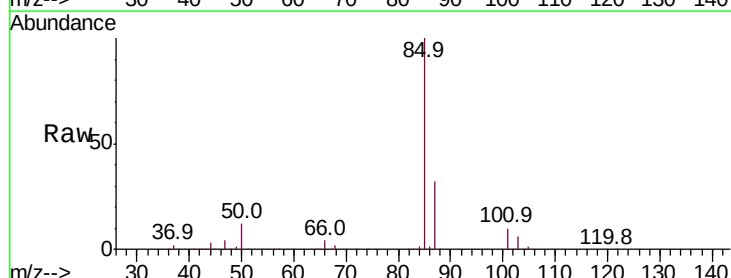
Acq: 17 Jul 2019 09:47

Tgt Ion: 85 Resp: 130487

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

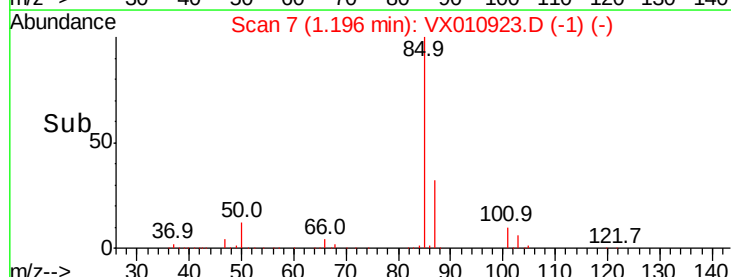
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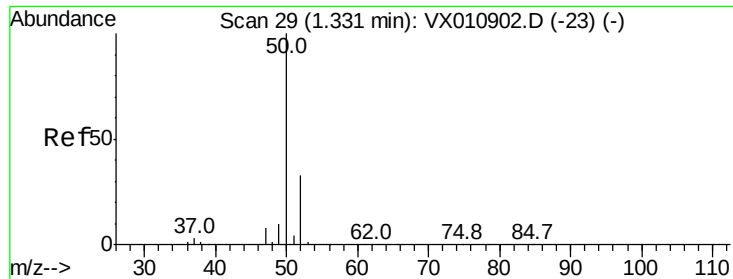
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 53.206 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 116168

Ion Ratio Lower Upper

50 100

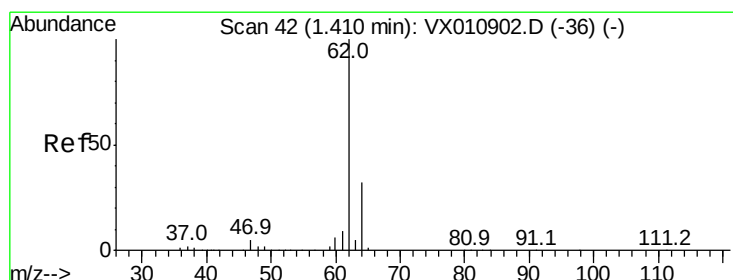
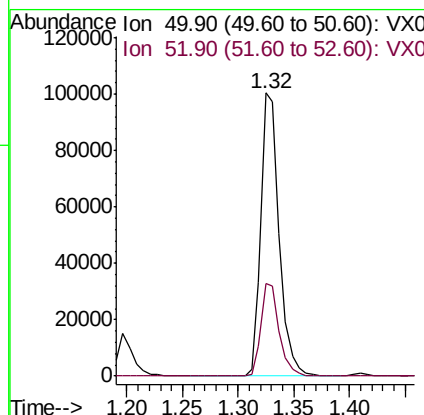
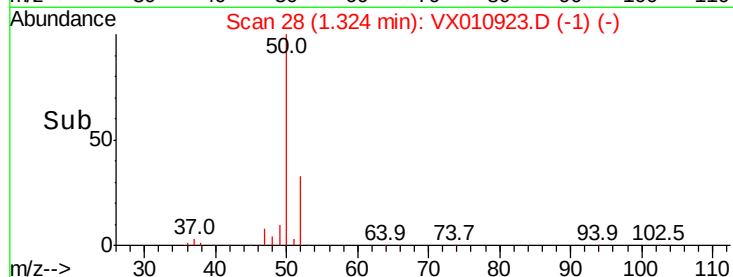
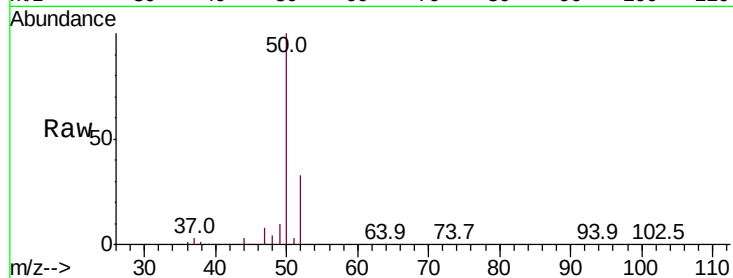
52 32.9 26.4 39.6

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#4

Vinyl Chloride

Concen: 53.329 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010923.D

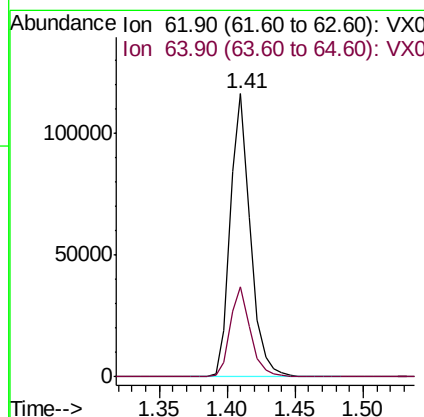
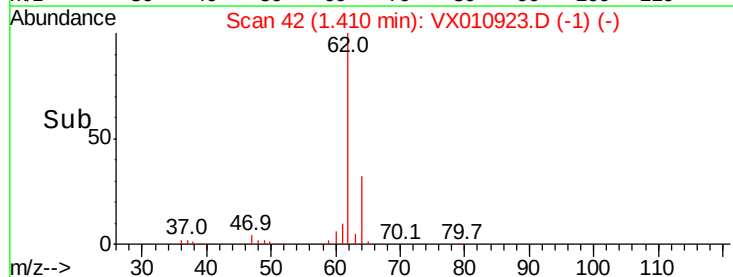
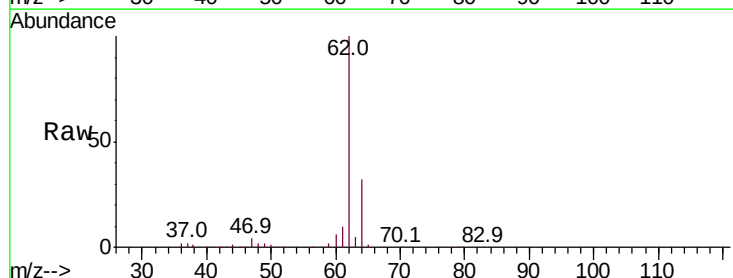
Acq: 17 Jul 2019 09:47

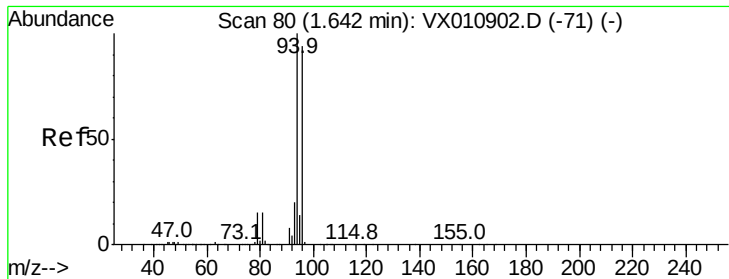
Tgt Ion: 62 Resp: 118765

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 48.322 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 60643

Ion Ratio Lower Upper

94 100

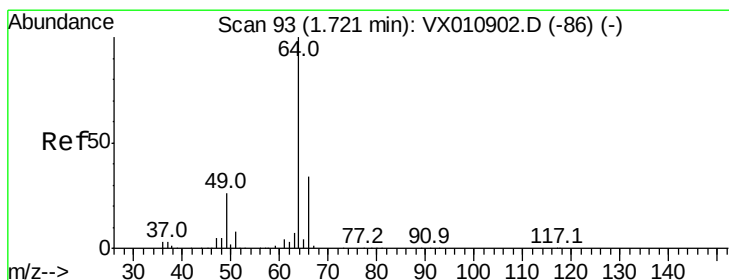
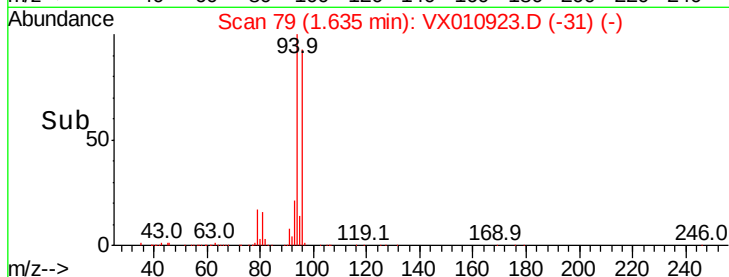
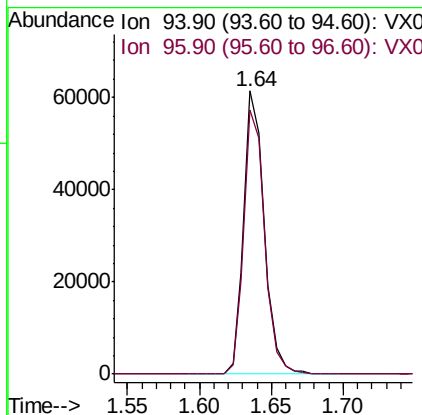
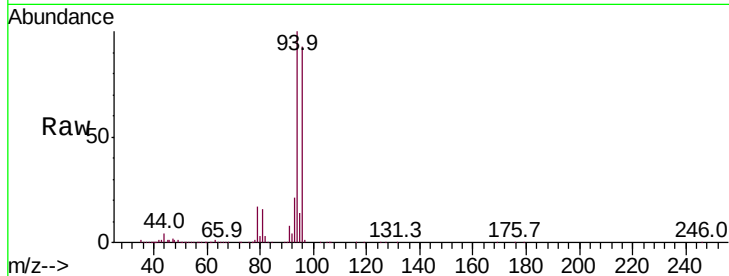
96 93.2 75.6 113.4

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#6

Chloroethane

Concen: 49.418 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX010923.D

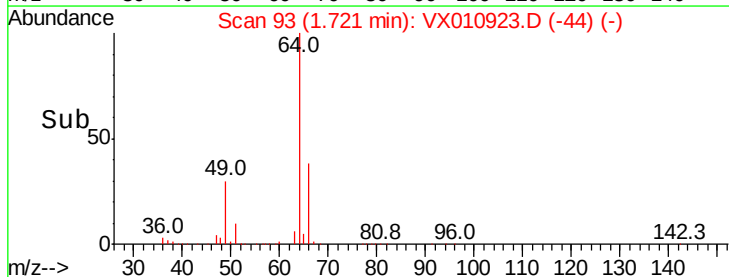
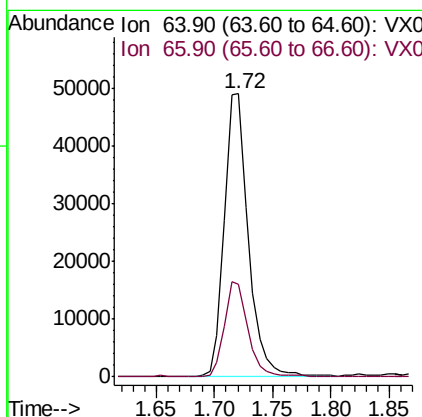
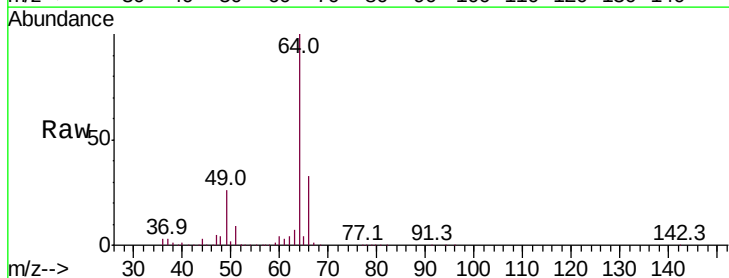
Acq: 17 Jul 2019 09:47

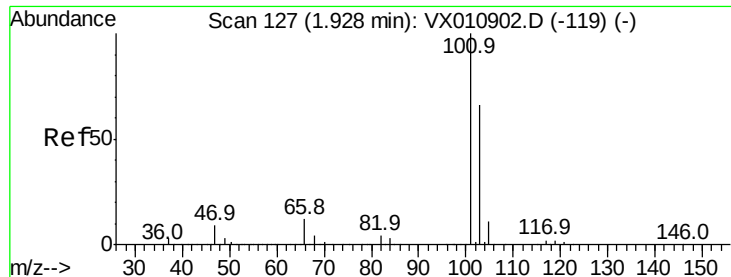
Tgt Ion: 64 Resp: 69940

Ion Ratio Lower Upper

64 100

66 32.6 27.0 40.6





#7

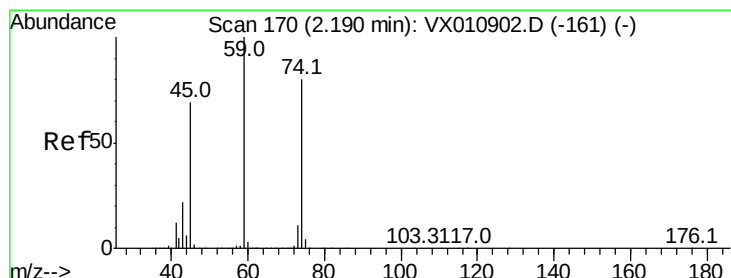
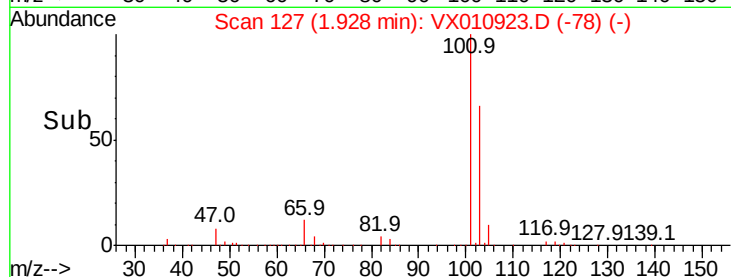
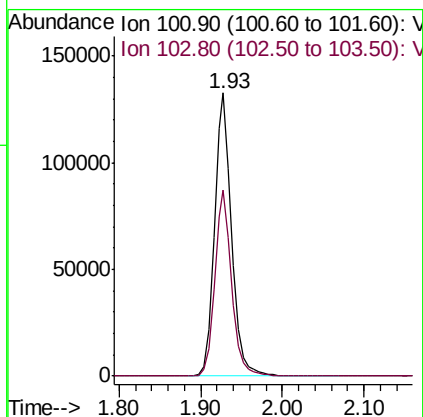
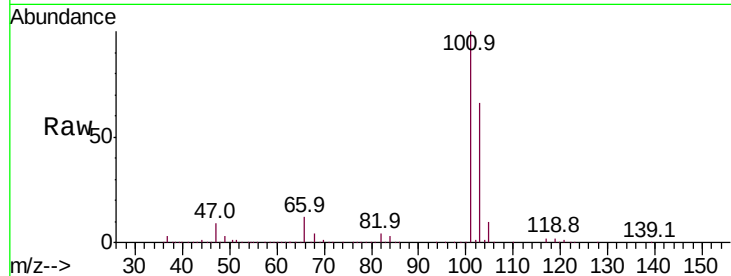
Trichlorofluoromethane
Concen: 51.765 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.6	78.8

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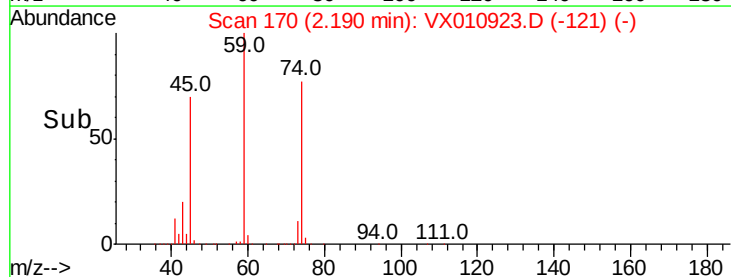
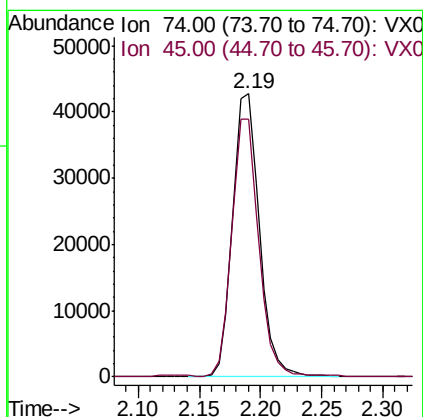
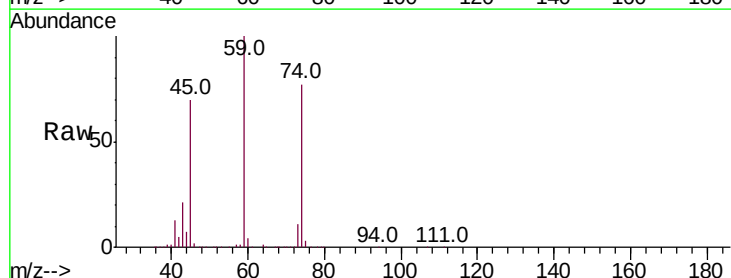
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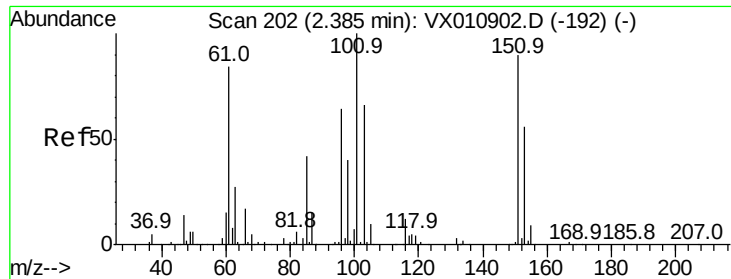


#8

Diethyl Ether
Concen: 49.785 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.9	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.998 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

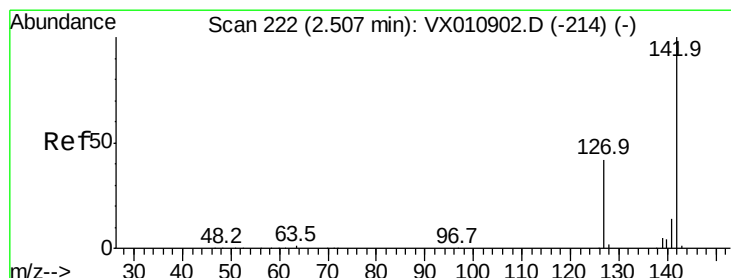
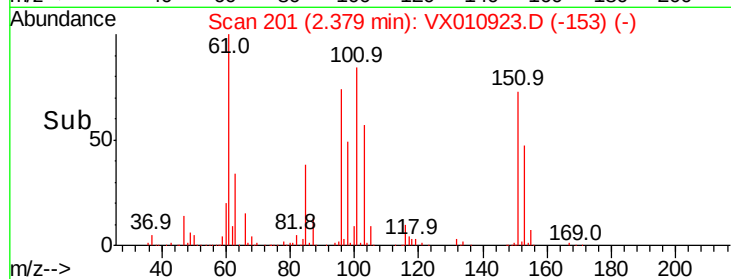
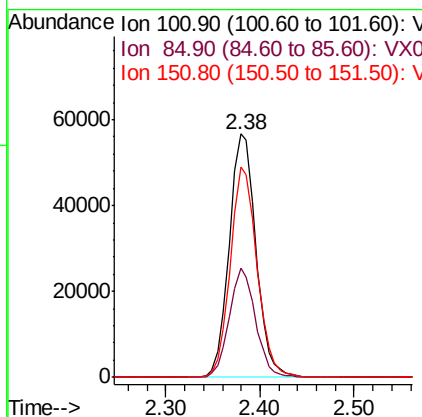
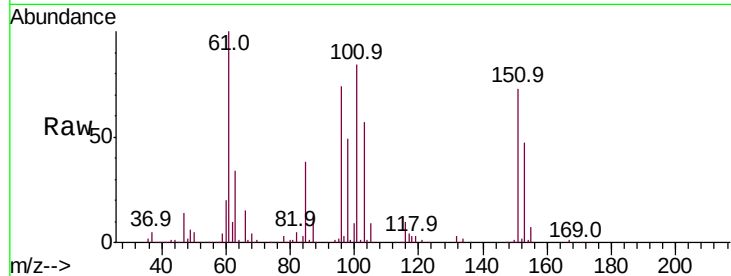
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	111925
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.6	52.0
151	86.3	69.6	104.4

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#10

Methyl Iodide

Concen: 51.404 ug/l

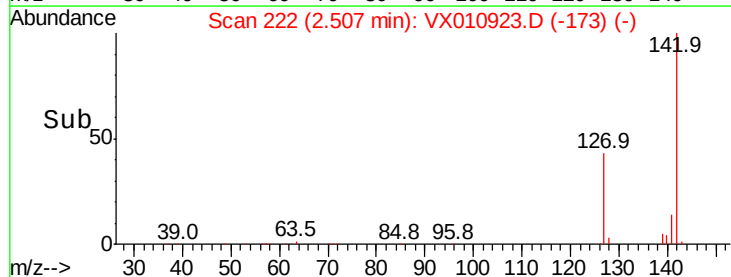
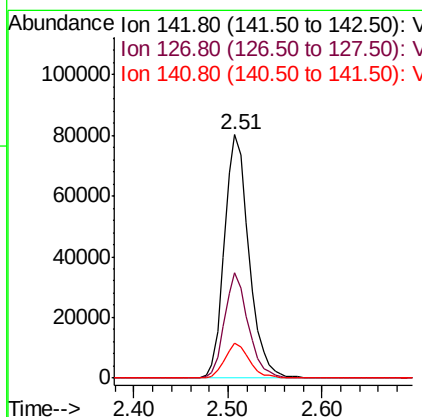
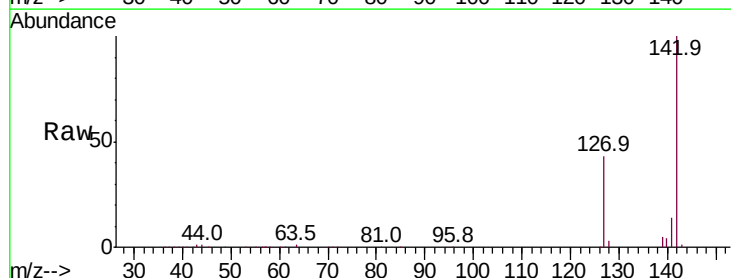
RT: 2.51 min Scan# 222

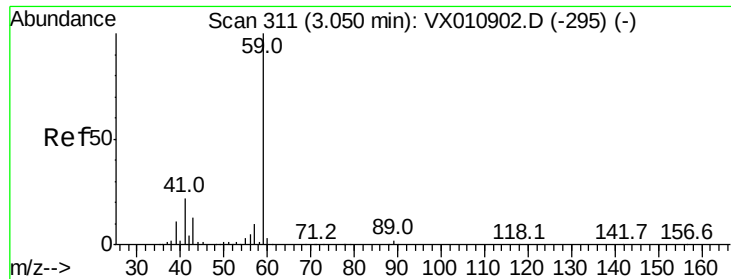
Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Tgt Ion:	142	Resp:	145198
Ion Ratio	Lower	Upper	
142	100		
127	41.8	34.2	51.4
141	14.2	11.7	17.5





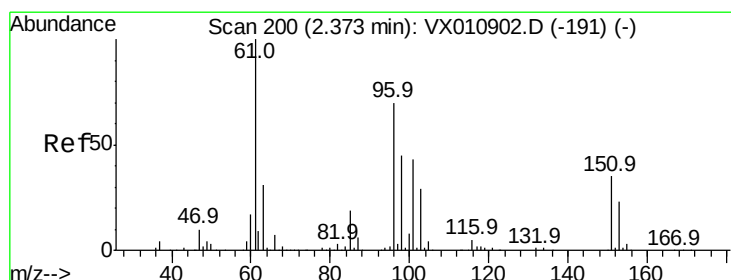
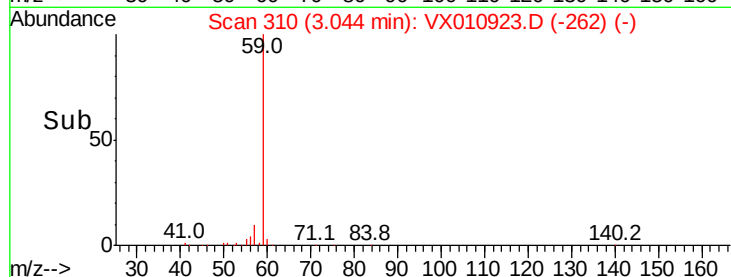
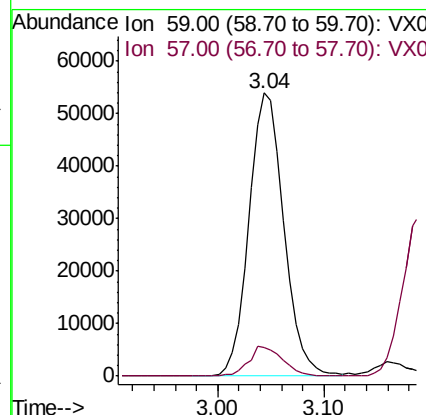
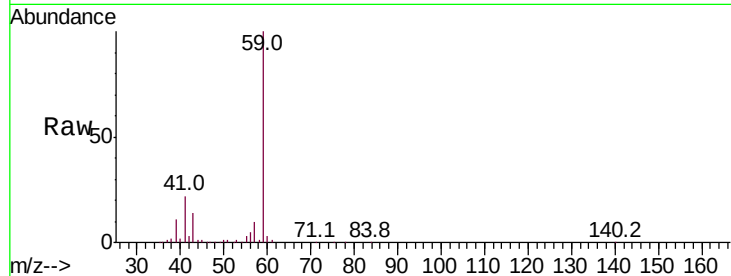
#11
Tert butyl alcohol
Concen: 211.454 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 124388
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9

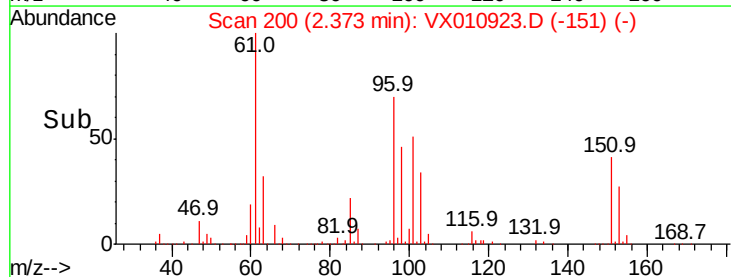
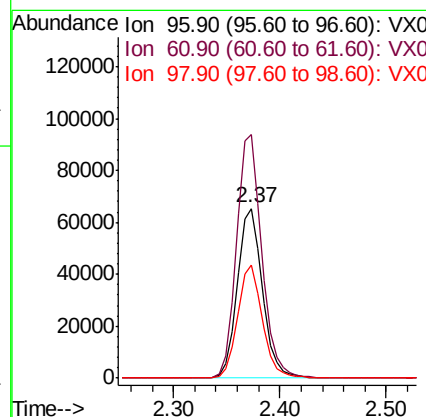
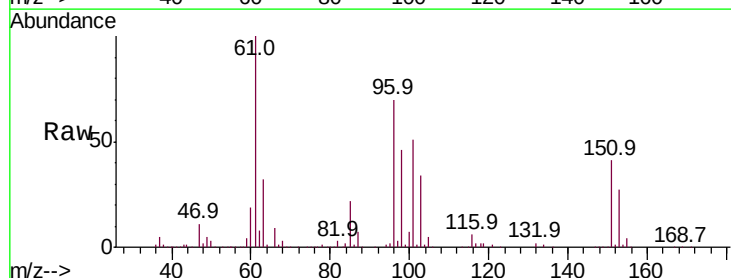
Manual Integrations
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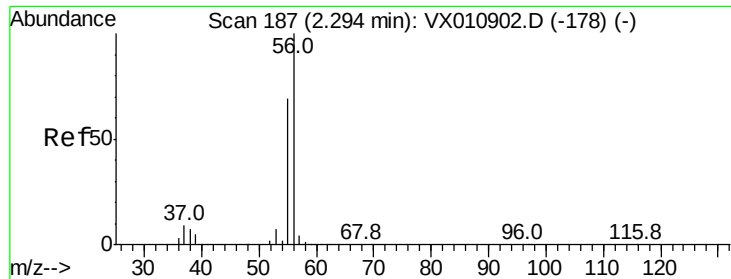
MMDadoda
7/22/2019 10:58:03 AM



#12
1,1-Dichloroethene
Concen: 51.352 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion: 96 Resp: 108601
Ion Ratio Lower Upper
96 100
61 143.8 115.0 172.4
98 66.6 52.2 78.2





#13

Acrolein

Concen: 211.430 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 71859

Ion Ratio Lower Upper

56 100

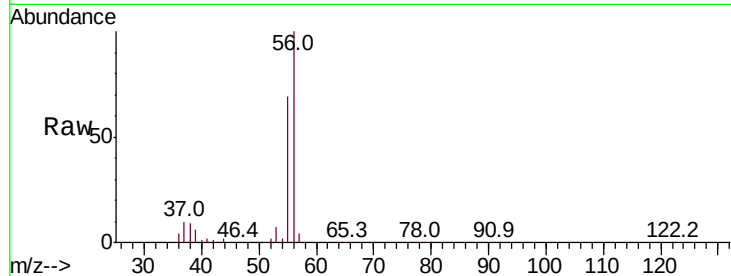
55 70.7 55.9 83.9

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

50000

40000

30000

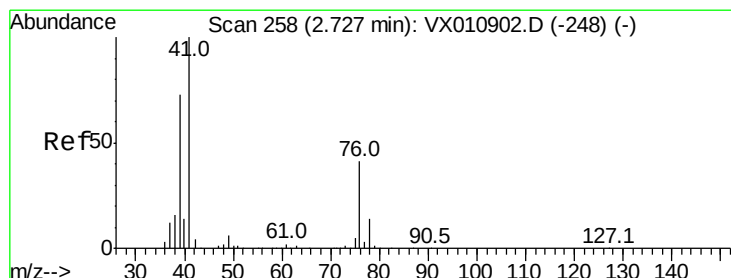
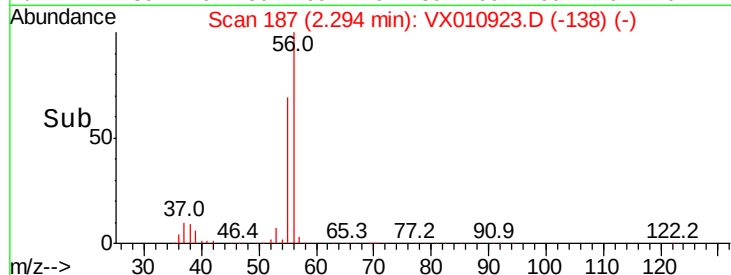
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 51.799 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

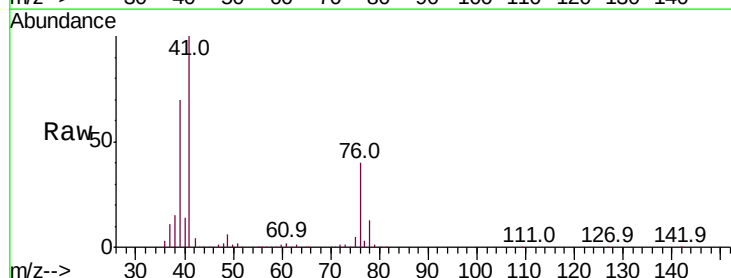
Tgt Ion: 41 Resp: 159121

Ion Ratio Lower Upper

41 100

39 67.4 53.6 80.4

76 37.5 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

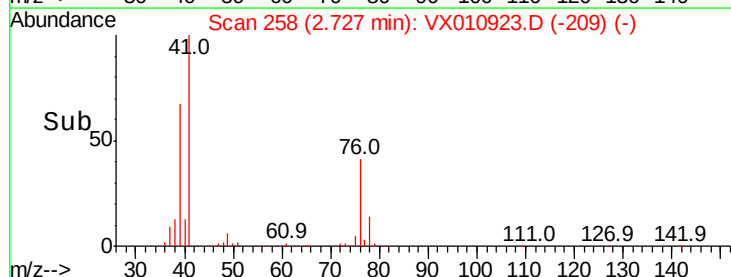
100000

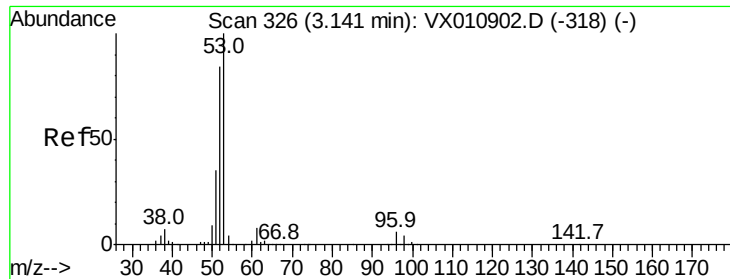
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 245.311 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

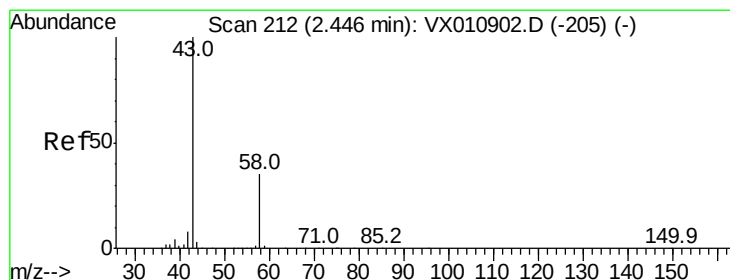
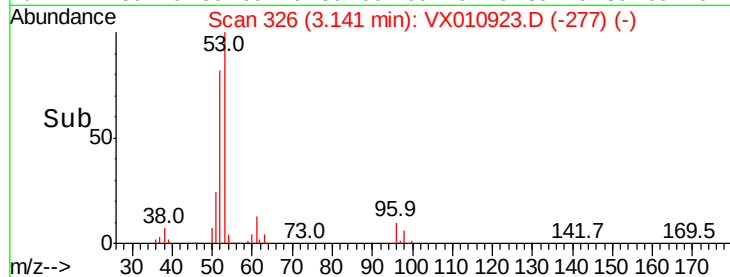
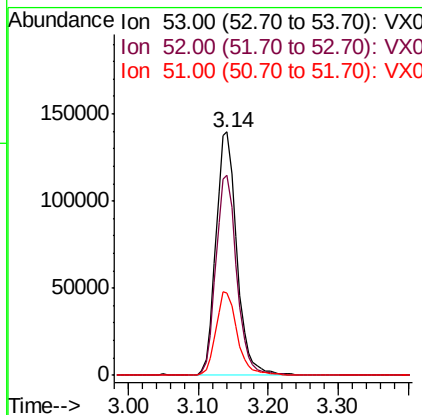
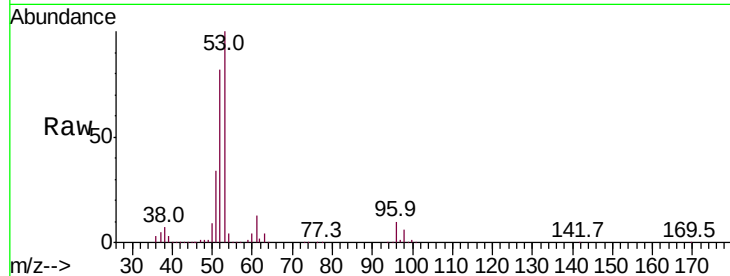
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	291595
Ion Ratio	Lower	Upper	
53	100		
52	81.5	66.5	99.7
51	35.0	28.2	42.4

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#16

Acetone

Concen: 284.877 ug/l

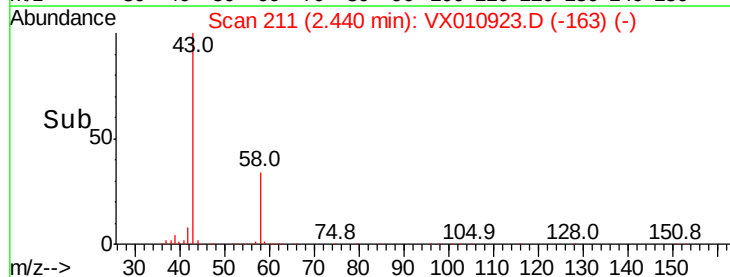
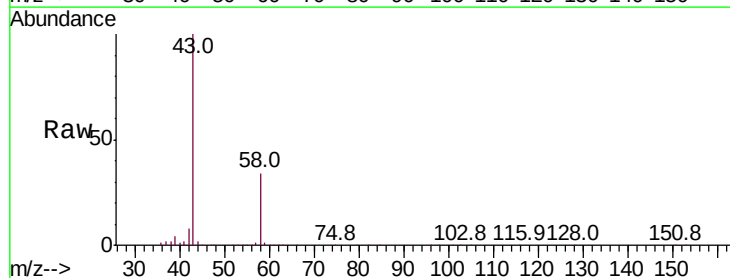
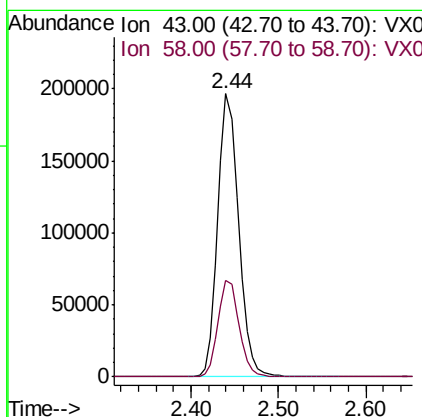
RT: 2.44 min Scan# 211

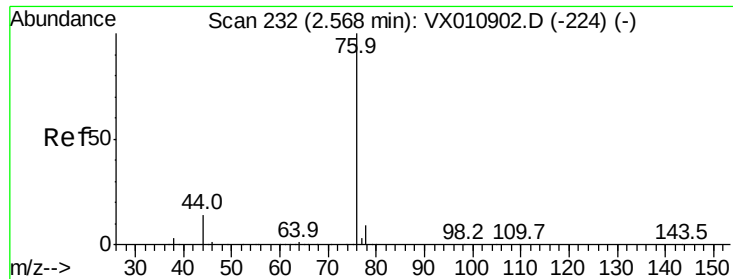
Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Tgt Ion:	43	Resp:	324989
Ion Ratio	Lower	Upper	
43	100		
58	33.9	27.7	41.5





#17

Carbon Disulfide

Concen: 53.008 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 287560

Ion Ratio Lower Upper

76 100

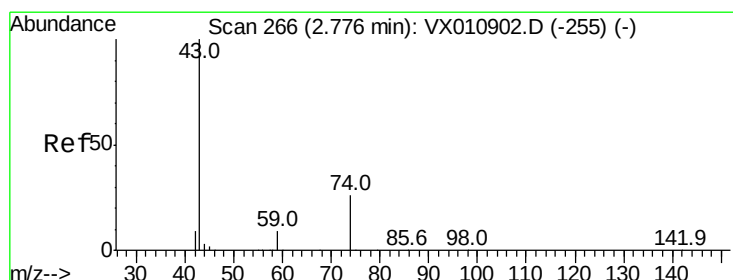
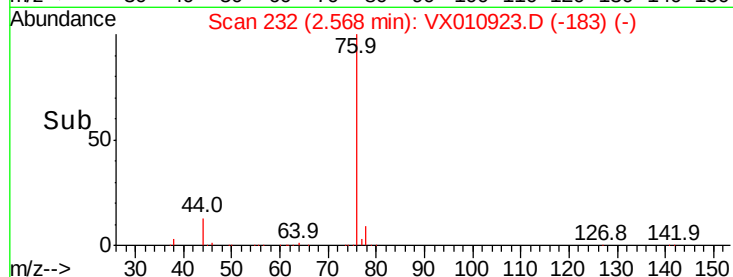
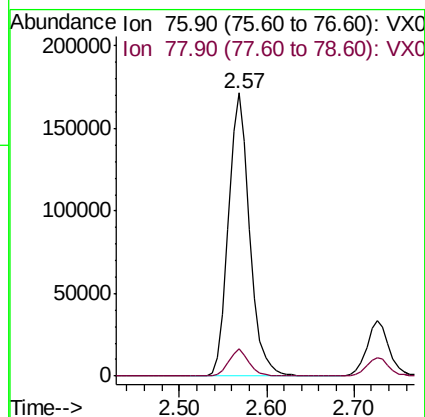
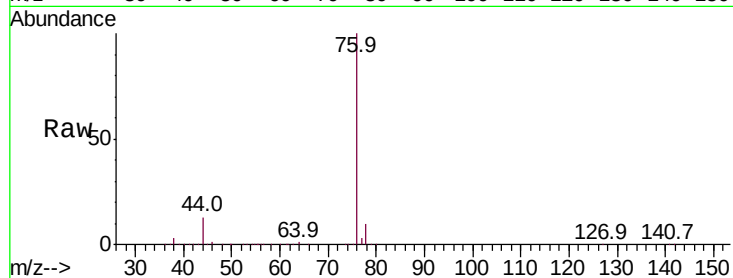
78 9.5 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 46.415 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010923.D

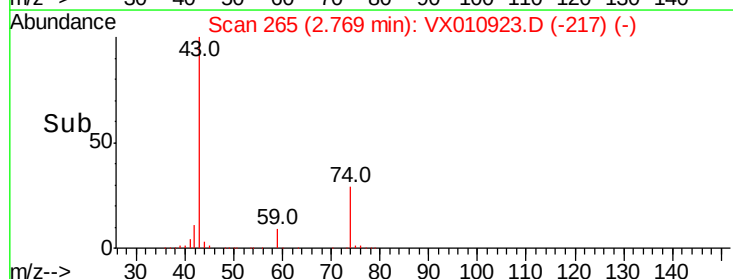
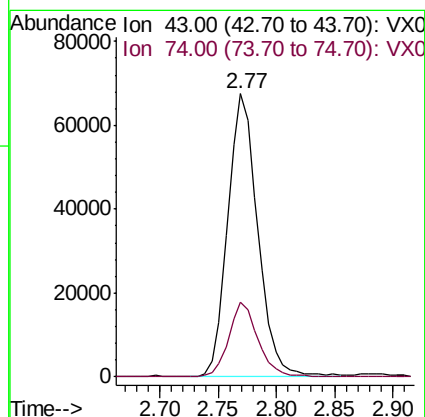
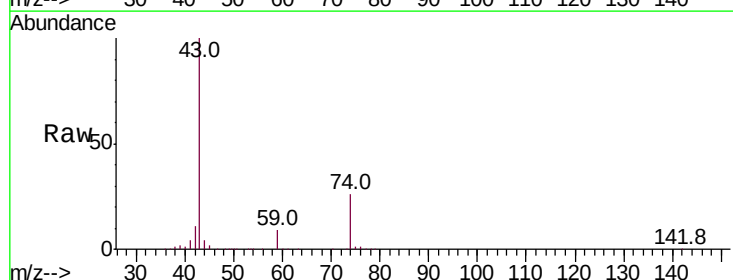
Acq: 17 Jul 2019 09:47

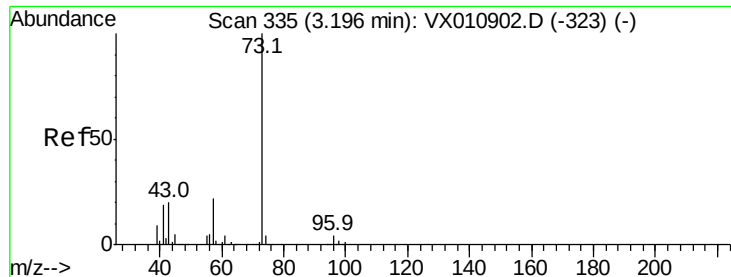
Tgt Ion: 43 Resp: 120570

Ion Ratio Lower Upper

43 100

74 26.1 21.5 32.3





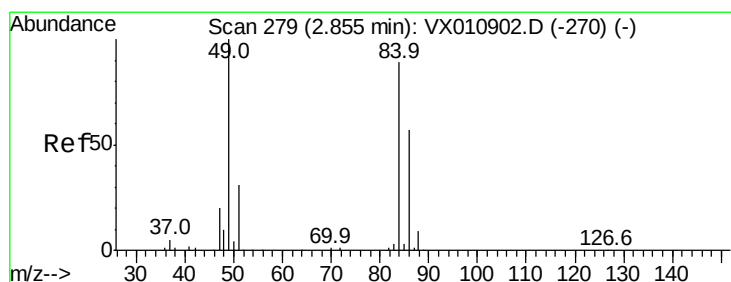
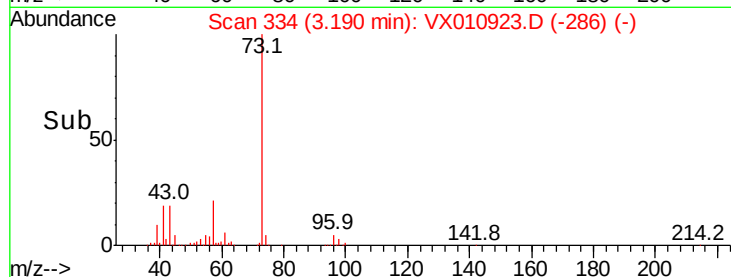
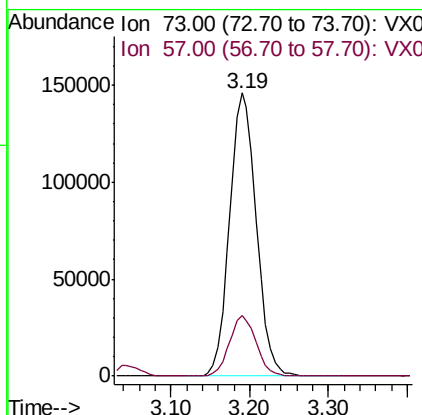
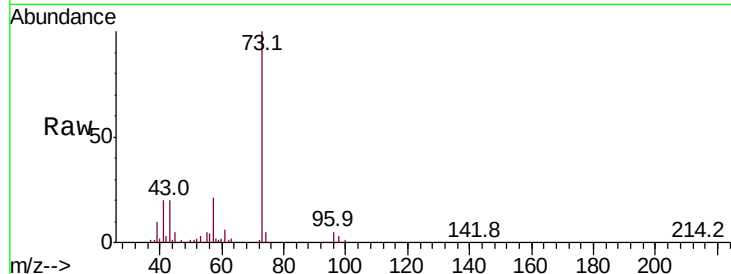
#19
Methyl tert-butyl Ether
Concen: 50.424 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 343290
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

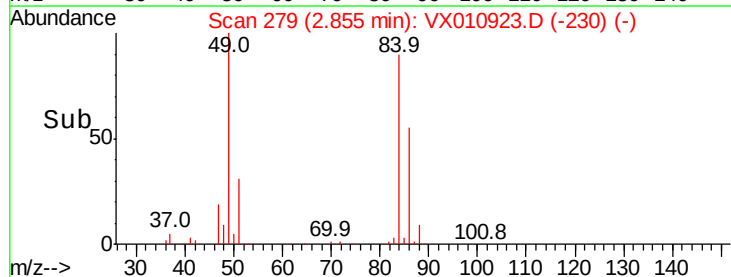
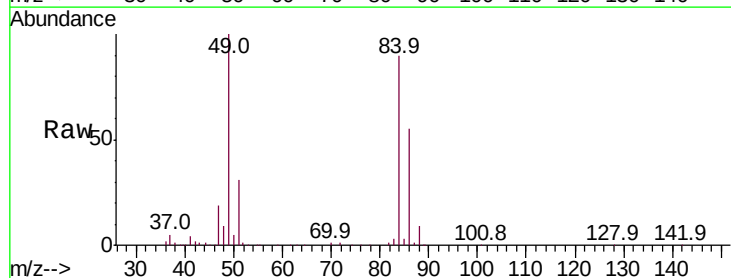
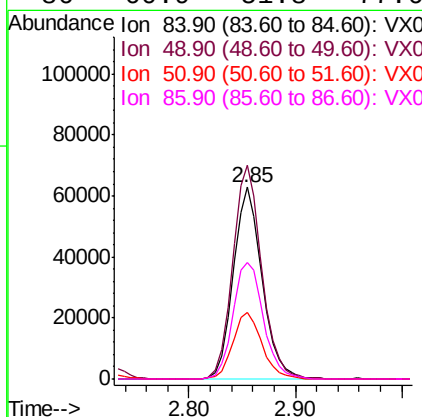
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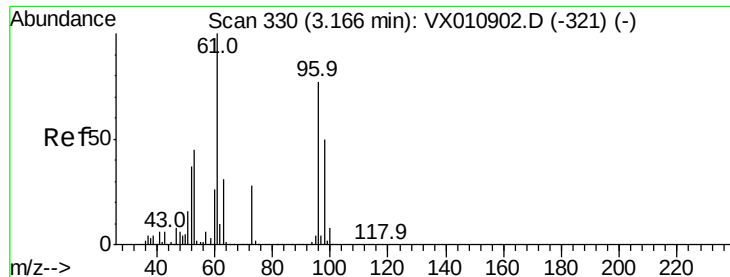
MMDadoda
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#20
Methylene Chloride
Concen: 49.405 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion: 84 Resp: 119443
Ion Ratio Lower Upper
84 100
49 111.5 89.9 134.9
51 34.7 27.8 41.6
86 60.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 51.364 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 115257

Ion Ratio Lower Upper

96 100

61 115.7 104.2 156.2

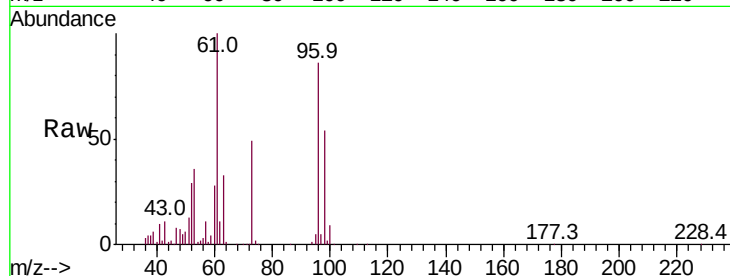
98 62.8 52.2 78.4

Manual Integrations

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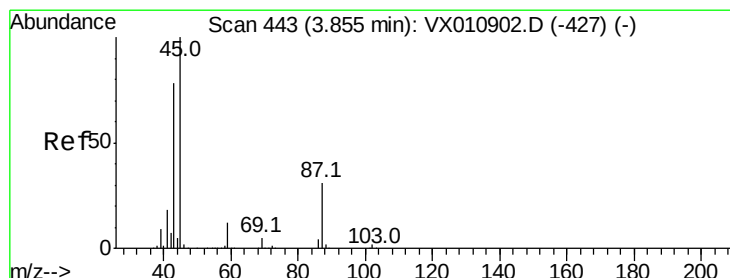
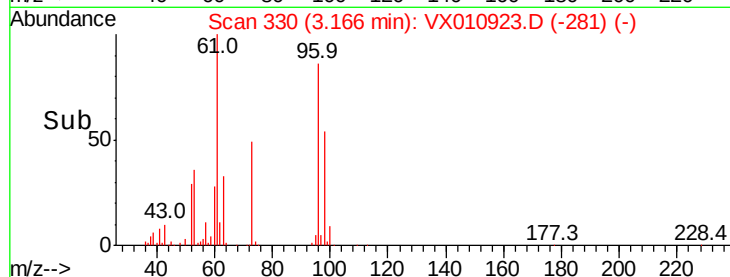
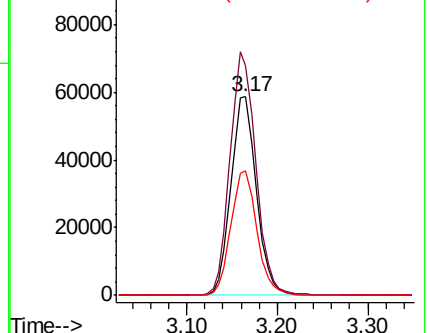
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.669 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Tgt Ion: 45 Resp: 328272

Ion Ratio Lower Upper

45 100

43 81.0 62.3 93.5

87 31.2 25.0 37.4

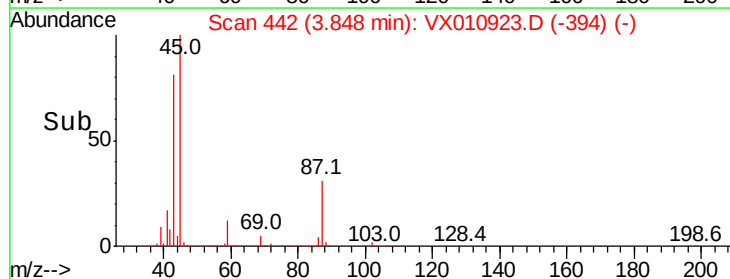
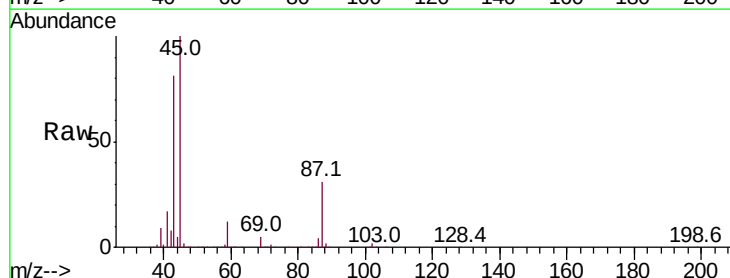
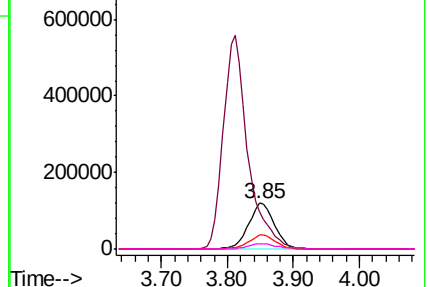
59 12.4 9.9 14.9

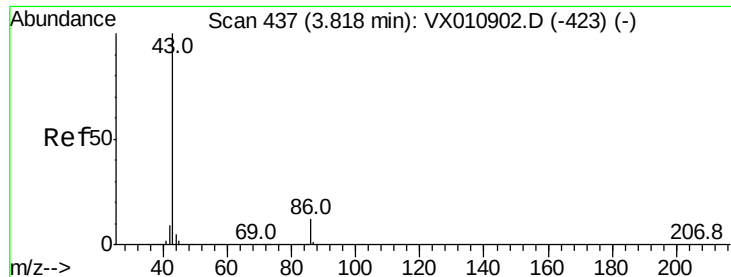
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





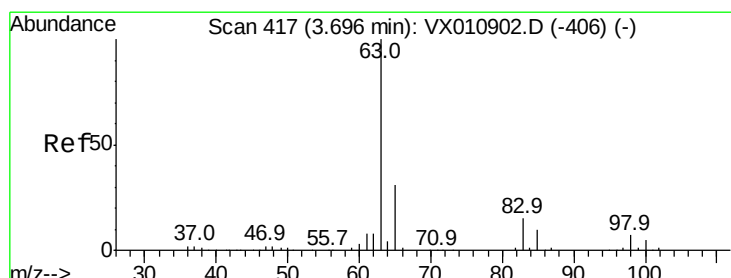
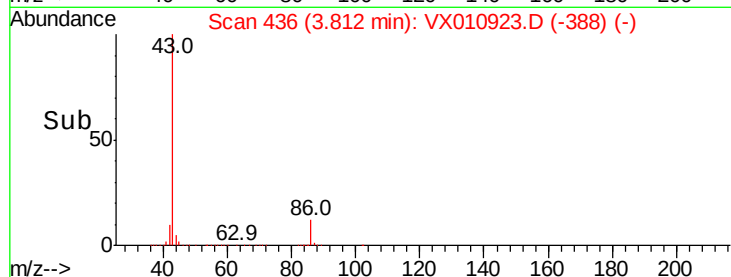
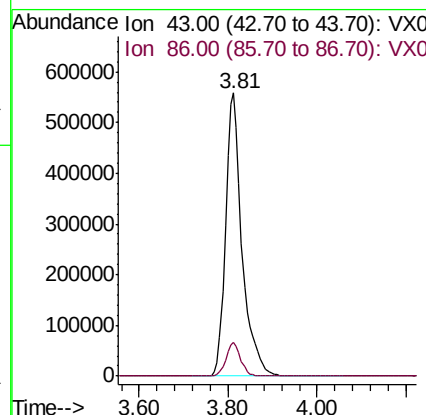
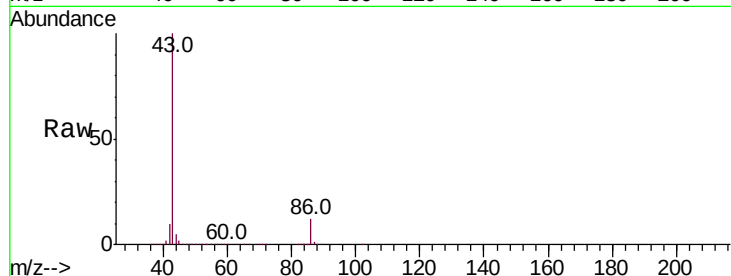
#23
 Vinyl Acetate
 Concen: 262.650 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1441800
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0

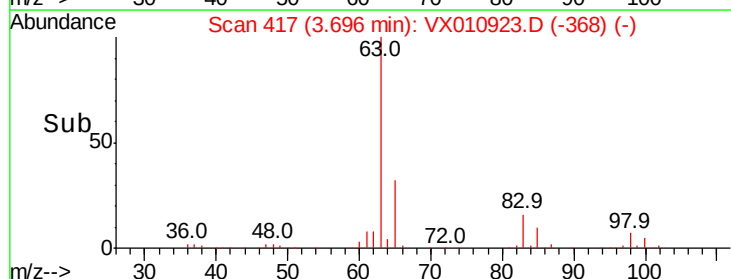
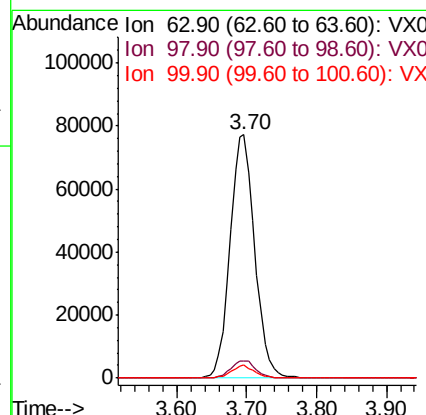
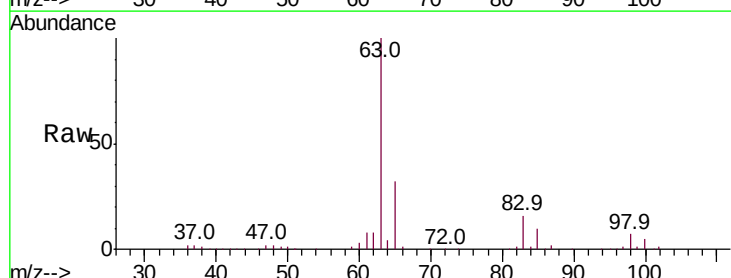
Manual Integrations
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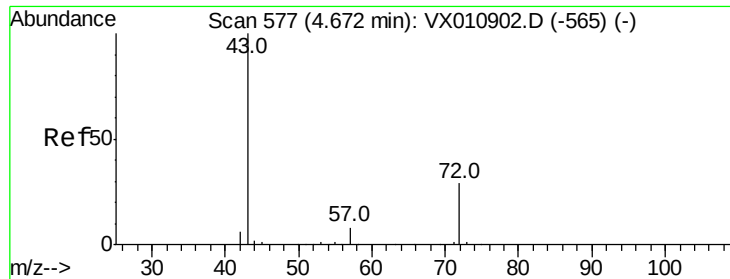
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 50.205 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Tgt Ion: 63 Resp: 188900
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 5.4 2.4 7.2





#25

2-Butanone

Concen: 264.082 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 432464

Ion Ratio Lower Upper

43 100

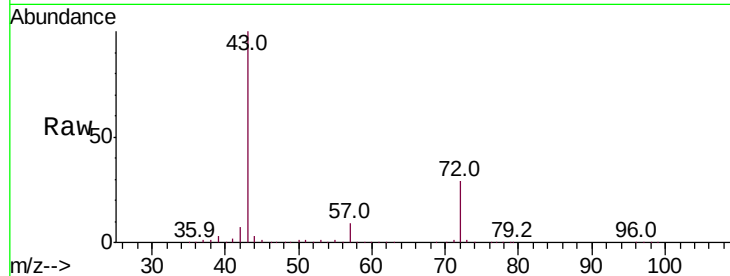
72 29.1 23.0 34.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

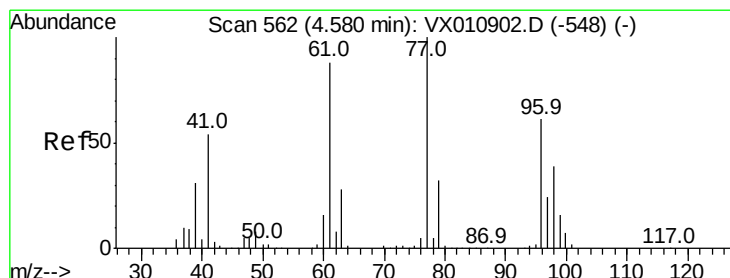
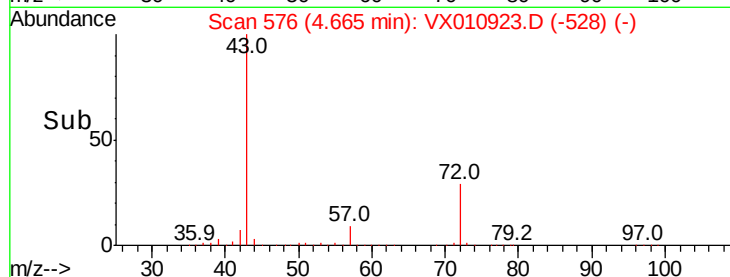
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 51.796 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010923.D

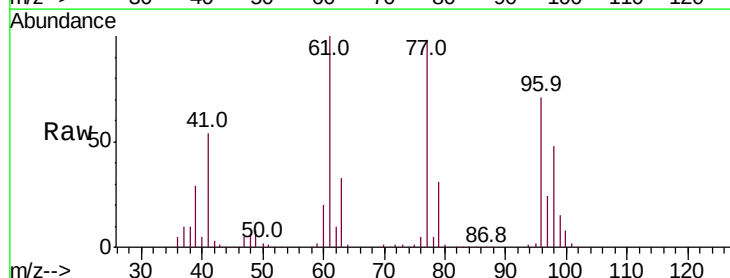
Acq: 17 Jul 2019 09:47

Tgt Ion: 77 Resp: 160019

Ion Ratio Lower Upper

77 100

97 25.2 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

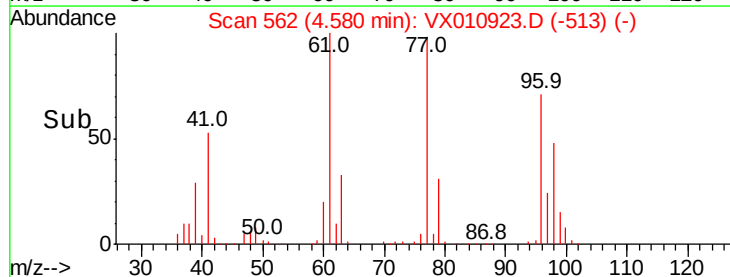
20000

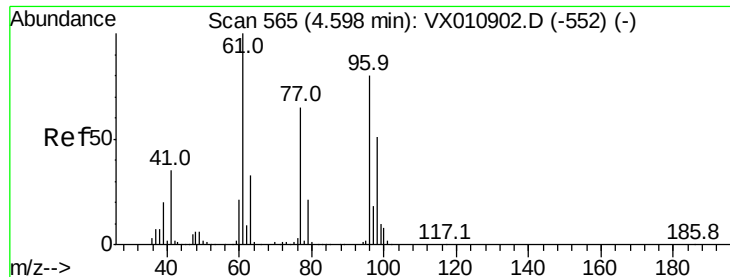
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

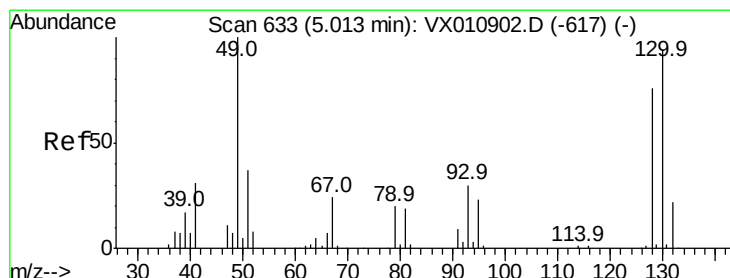
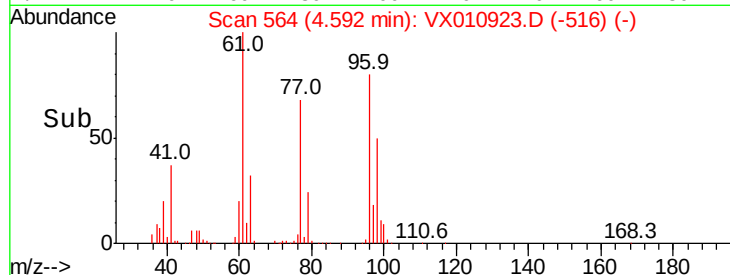
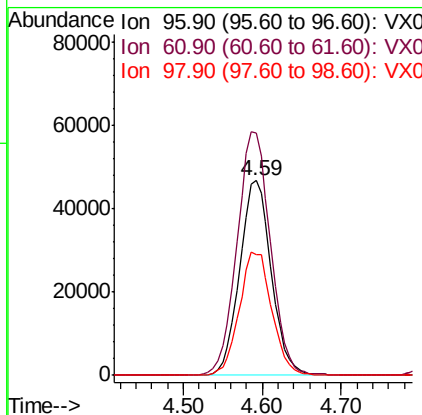
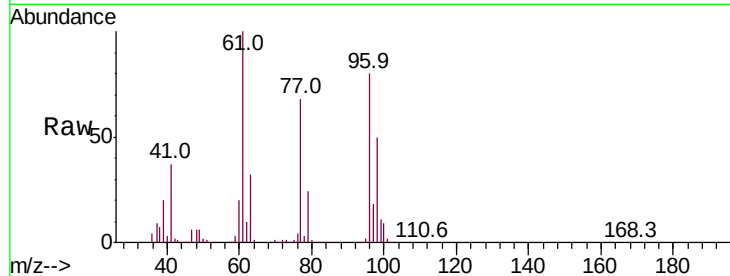
cis-1,2-Dichloroethene
Concen: 50.325 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	130693		
61	132.1	0.0	269.0	
98	65.1	0.0	131.4	

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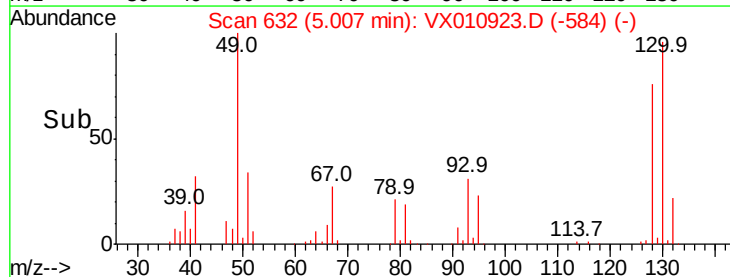
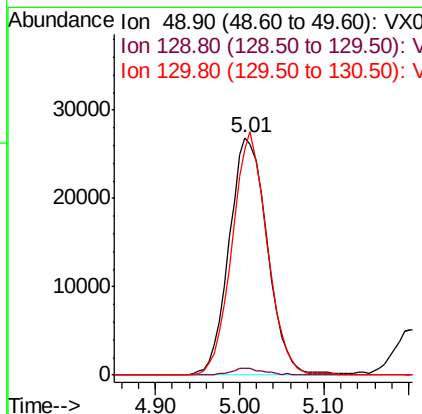
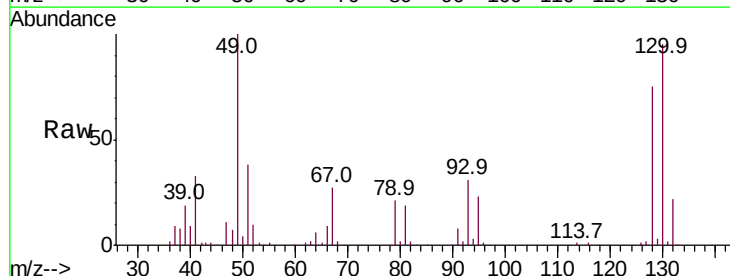
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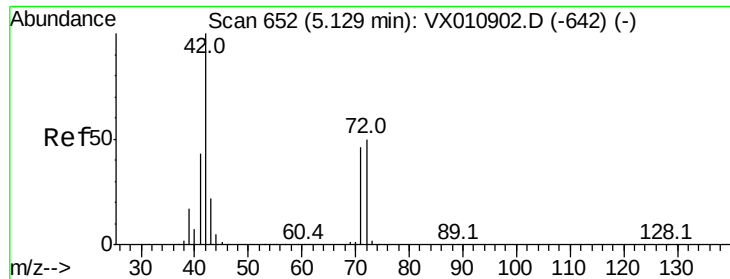


#28

Bromochloromethane
Concen: 46.603 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	82630		
129	2.7	0.0	5.2	
130	94.1	76.9	115.3	





#29

Tetrahydrofuran

Concen: 241.213 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

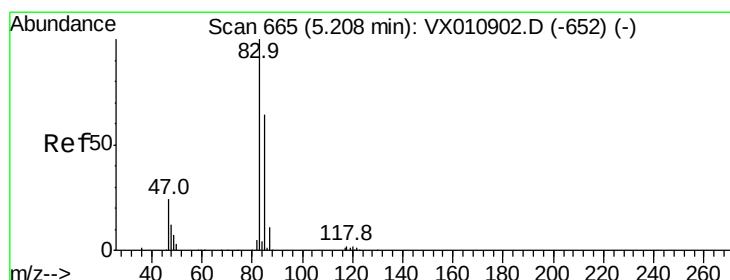
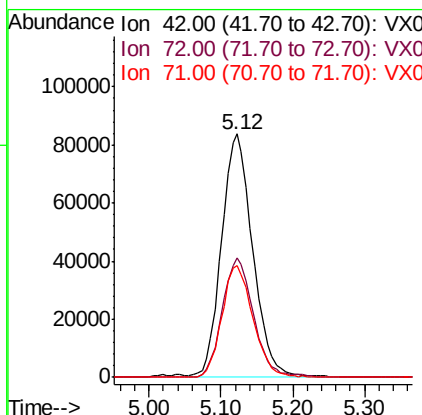
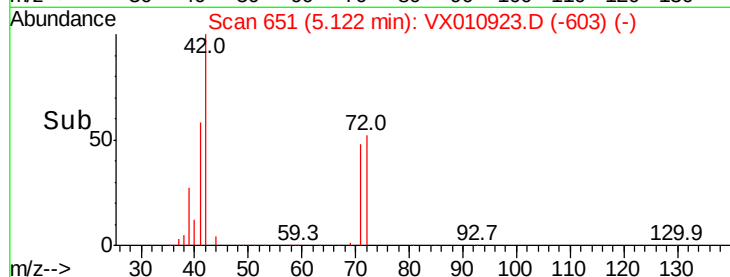
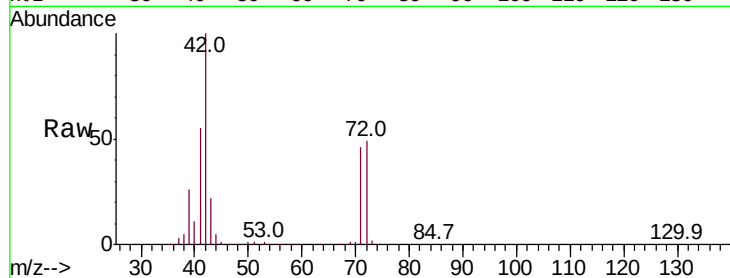
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	250217
Ion Ratio	Lower	Upper	
42	100		
72	49.9	39.8	59.8
71	46.3	37.0	55.4

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#30

Chloroform

Concen: 49.634 ug/l

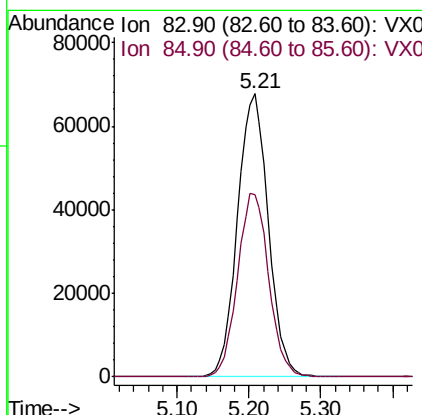
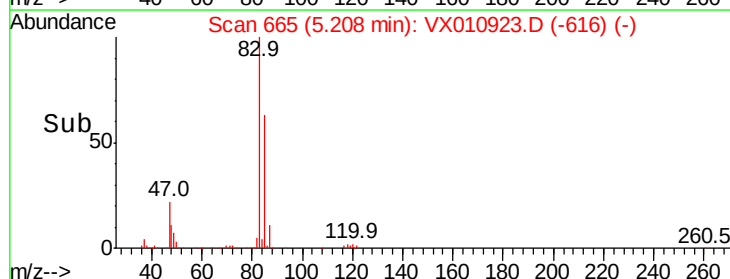
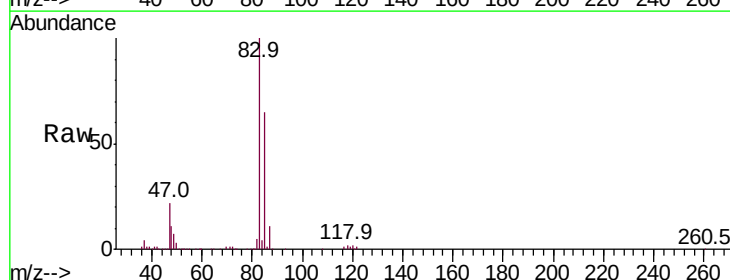
RT: 5.21 min Scan# 665

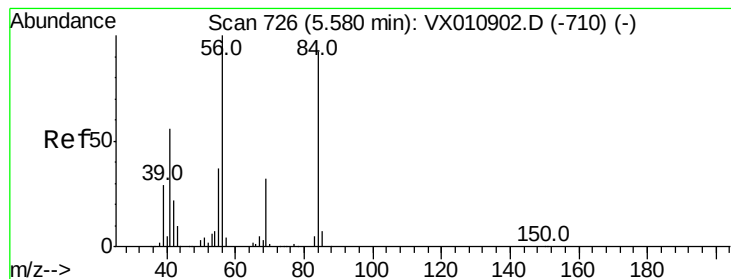
Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Tgt Ion:	83	Resp:	201859
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.4	77.0





#31

Cyclohexane

Concen: 51.144 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 175400

Ion Ratio Lower Upper

56 100

69 32.0 25.8 38.8

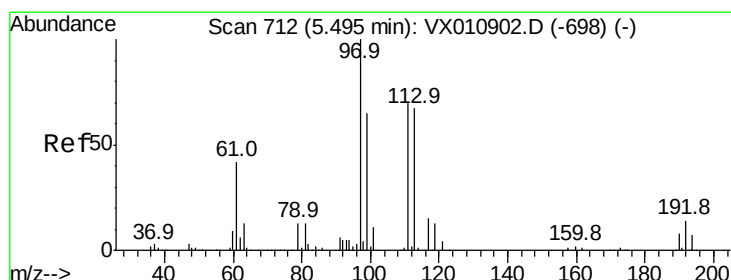
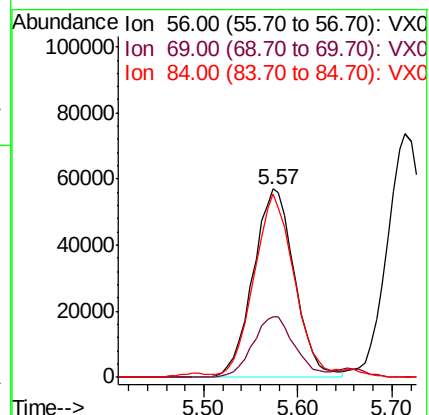
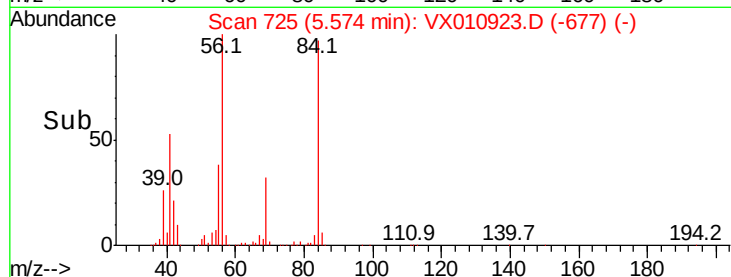
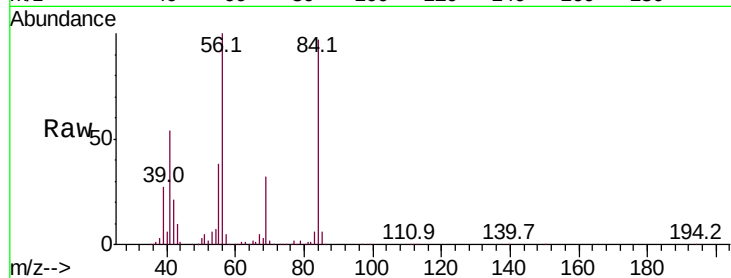
84 95.2 73.8 110.6

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#32

1,1,1-Trichloroethane

Concen: 51.283 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

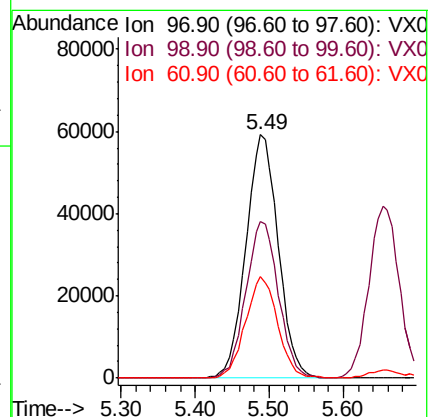
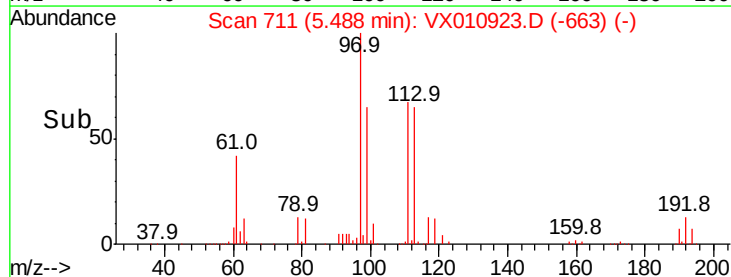
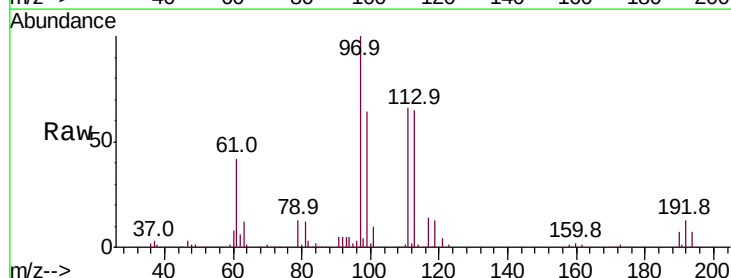
Tgt Ion: 97 Resp: 180440

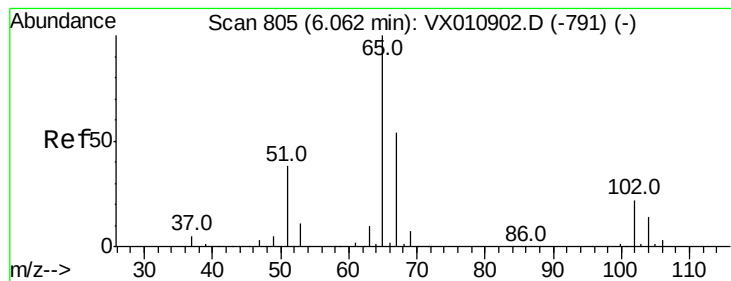
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

61 41.7 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 48.348 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 122121

Ion Ratio Lower Upper

65 100

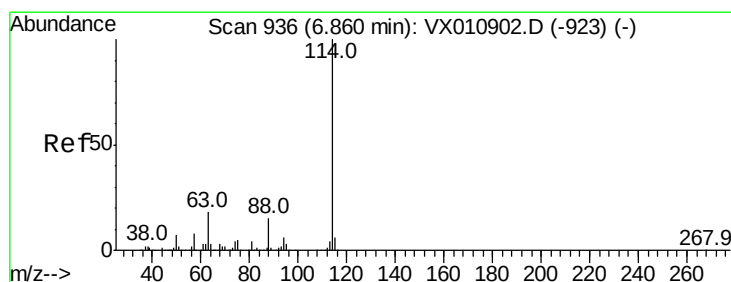
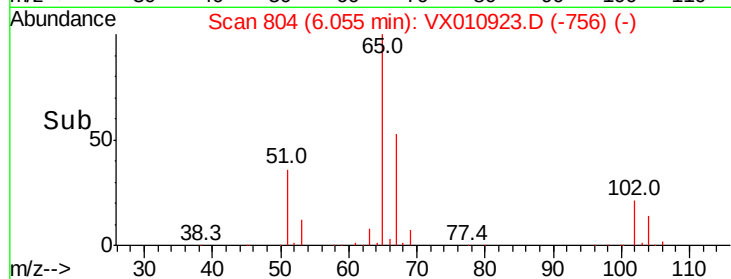
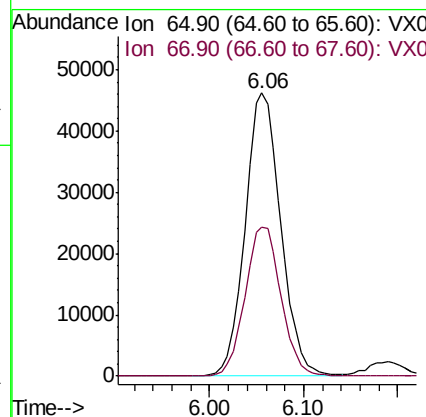
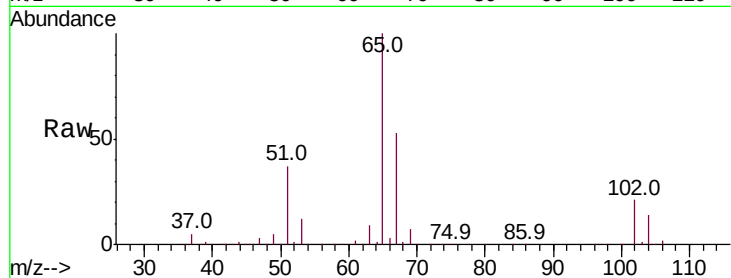
67 53.3 0.0 107.8

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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: VX010923.D

Acq: 17 Jul 2019 09:47

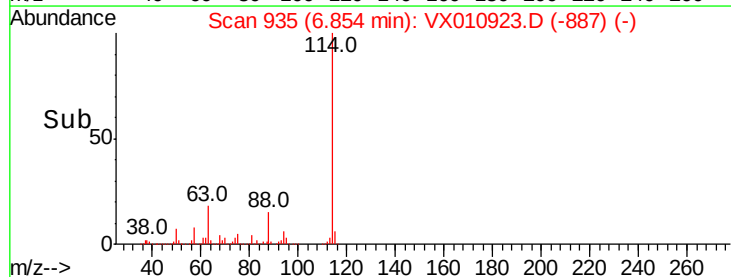
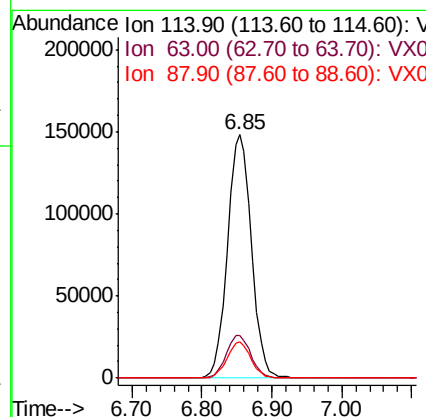
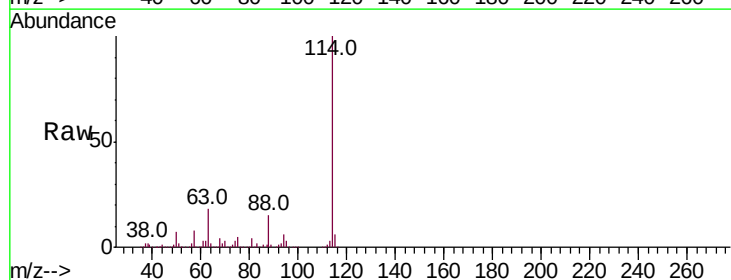
Tgt Ion: 114 Resp: 350940

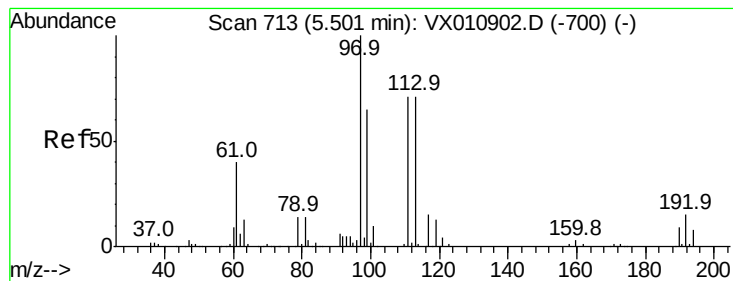
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

88 14.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.652 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

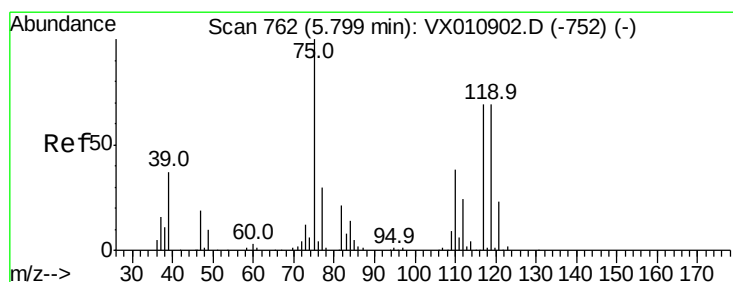
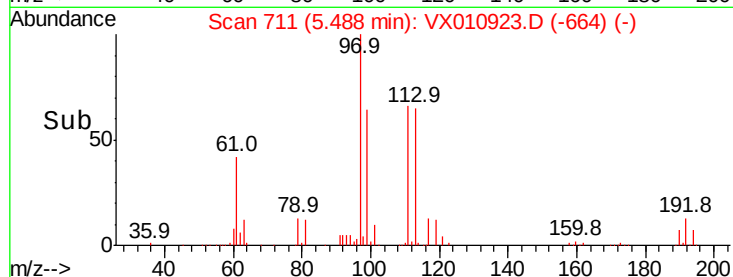
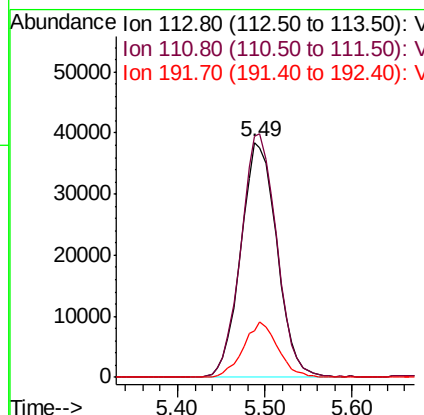
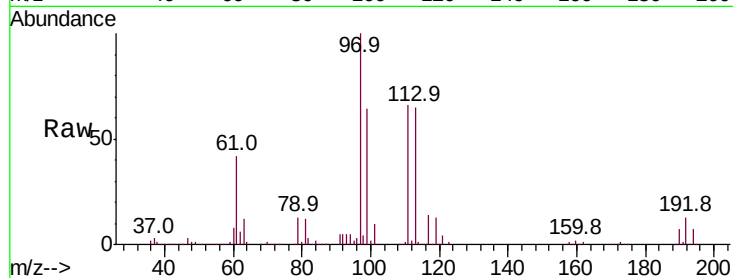
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	110599
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.3	123.5
192	22.2	17.4	26.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.648 ug/l

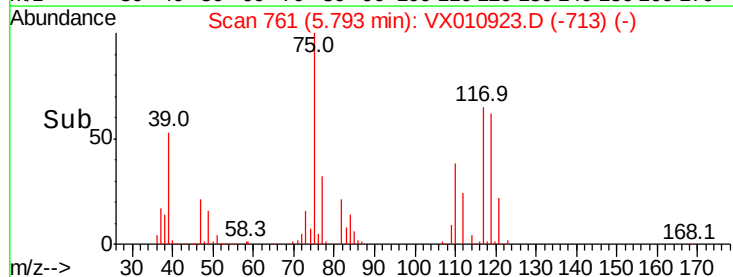
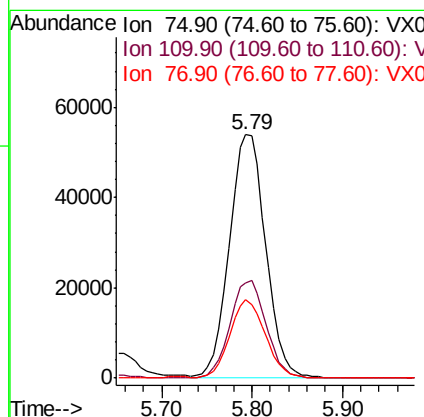
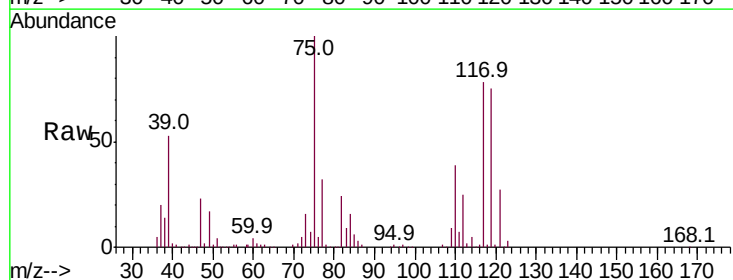
RT: 5.79 min Scan# 761

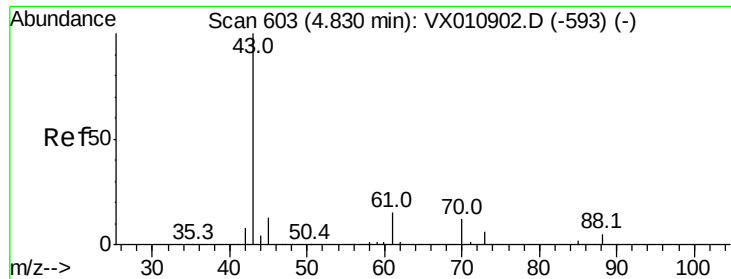
Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Tgt Ion:	75	Resp:	148882
Ion	Ratio	Lower	Upper
75	100		
110	40.0	19.9	59.7
77	31.6	25.0	37.4





#37

Ethyl Acetate

Concen: 51.260 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

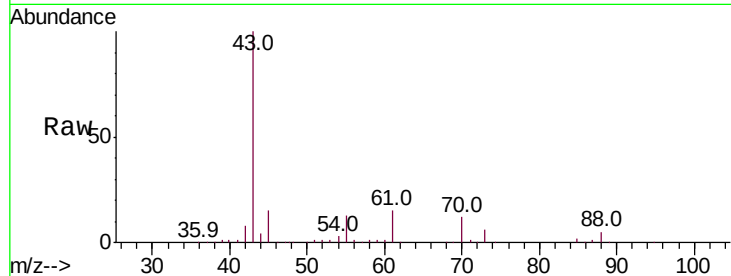
ClientSampleId :

VSTDCCC050

Tot Ion	43	Resp	151307
Ion Ratio	Lower	Upper	
43	100		
61	14.7	11.6	17.4
70	11.4	9.1	13.7

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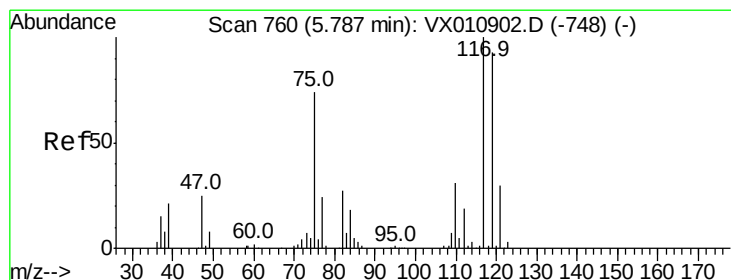
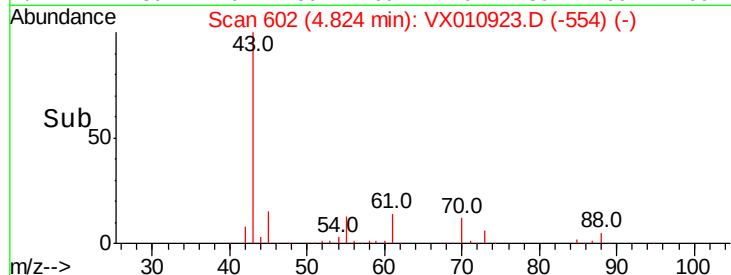
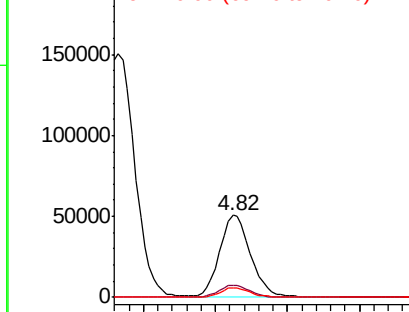


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 53.844 ug/l

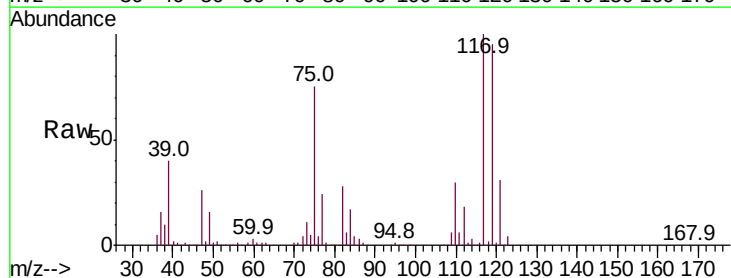
RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Tgt Ion	117	Resp	161739
Ion Ratio	Lower	Upper	
117	100		
119	95.3	74.2	111.2
121	31.5	24.2	36.2

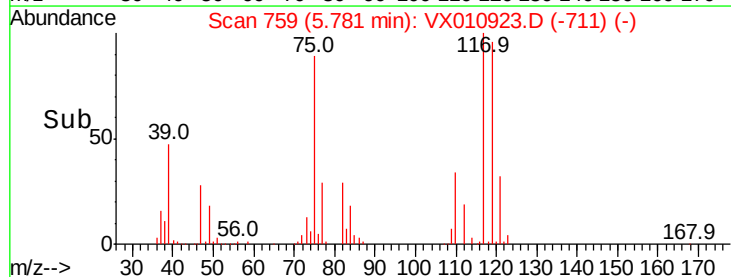
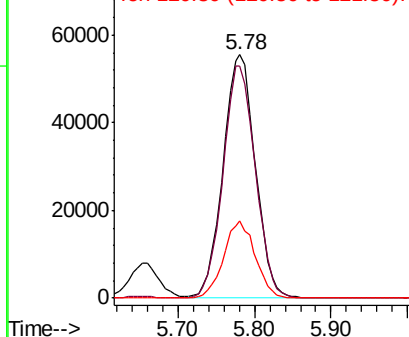


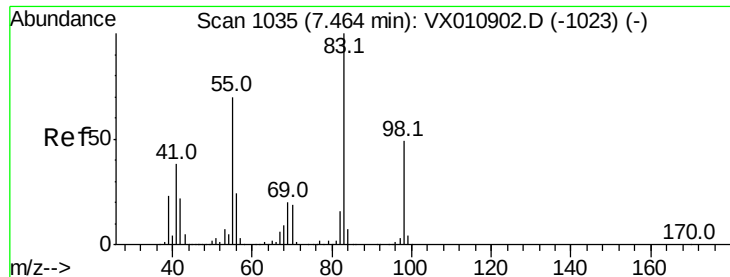
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





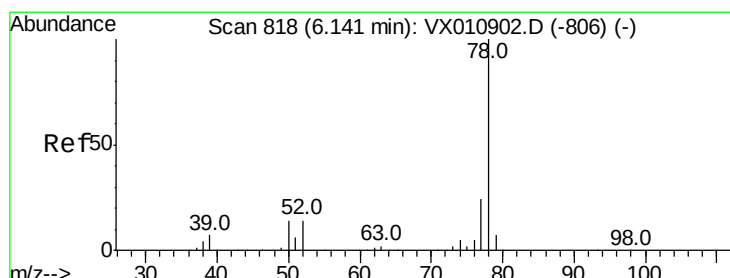
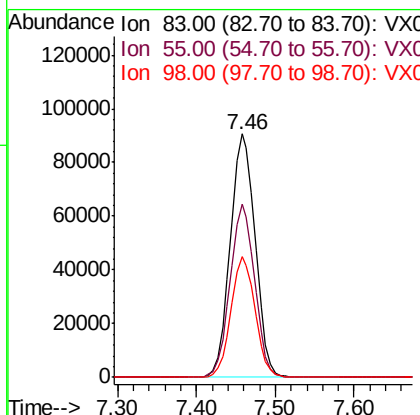
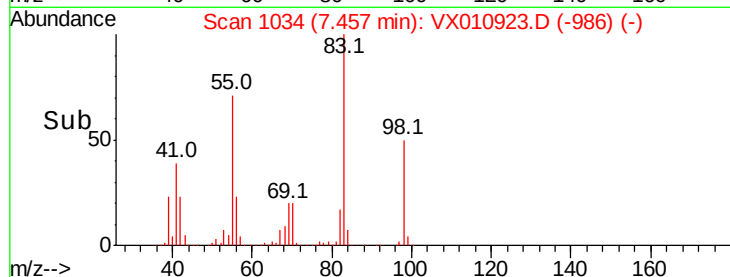
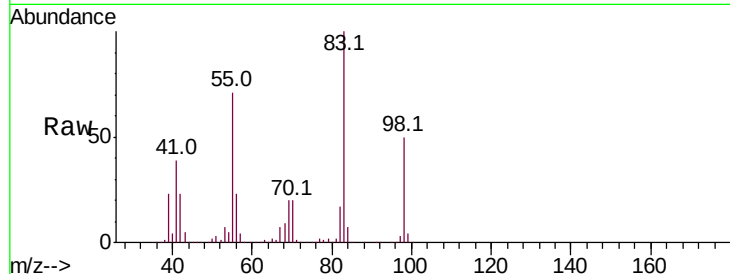
#39
Methylvlcyclohexane
Concen: 53.285 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	199193		
55	71.2		56.2	84.4
98	49.8		39.0	58.4

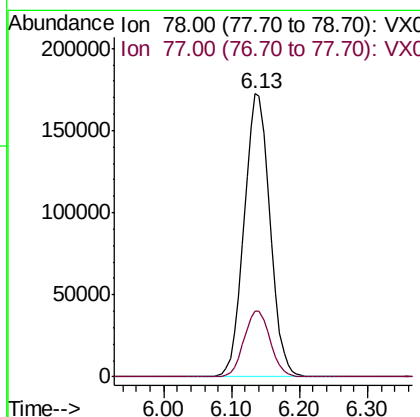
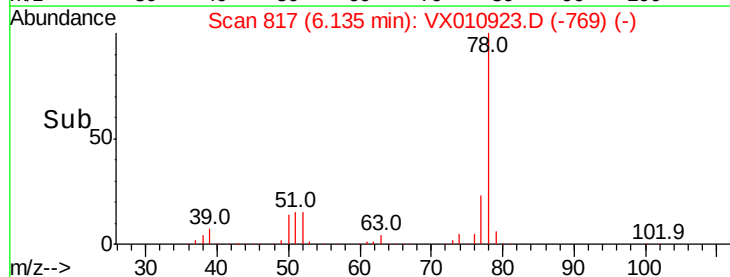
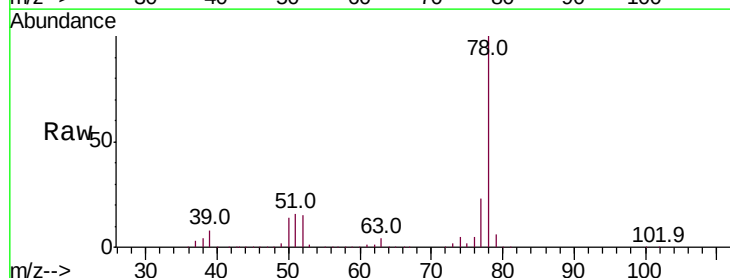
Manual Integrations
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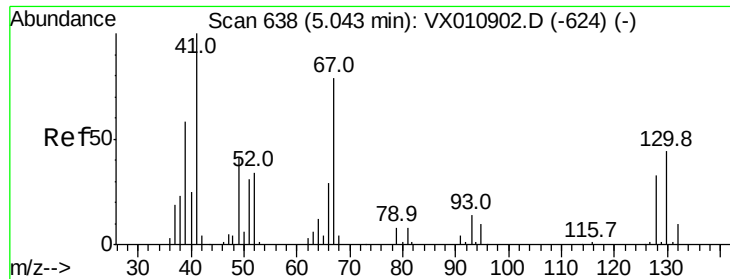
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#40
Benzene
Concen: 51.712 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	456624		
77	23.4		19.0	28.6





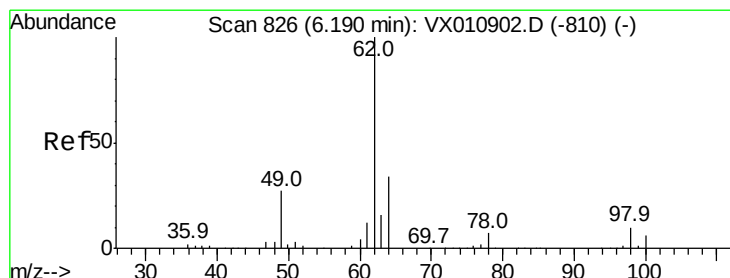
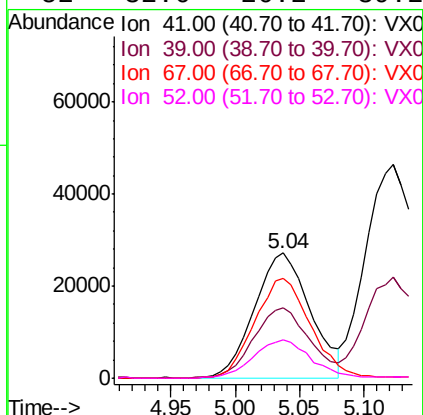
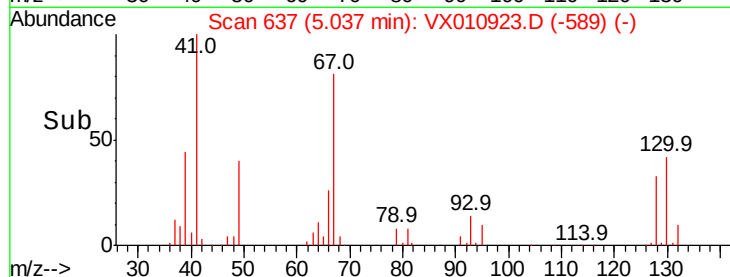
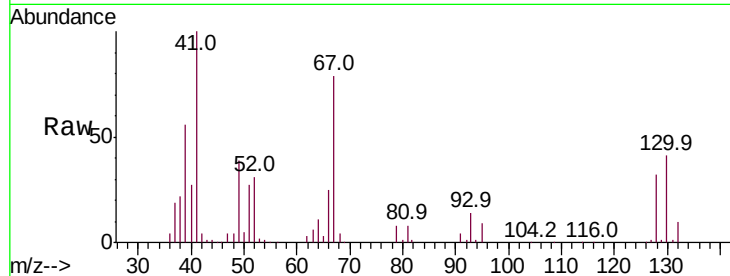
#41
Methacrylonitrile
Concen: 48.876 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	45.4	68.2	
67	80.2	65.9	98.9	
52	32.6	26.2	39.2	

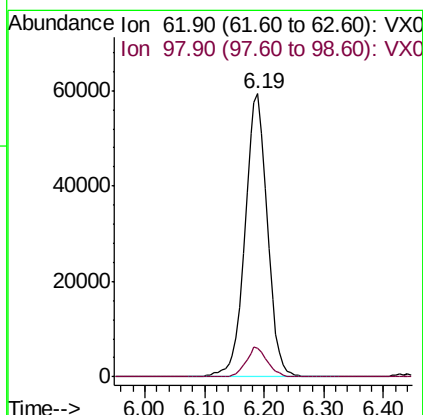
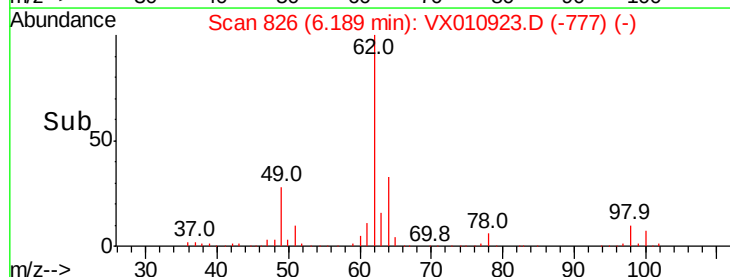
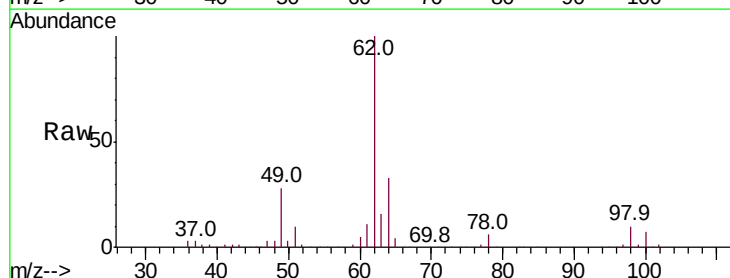
Manual Integrations
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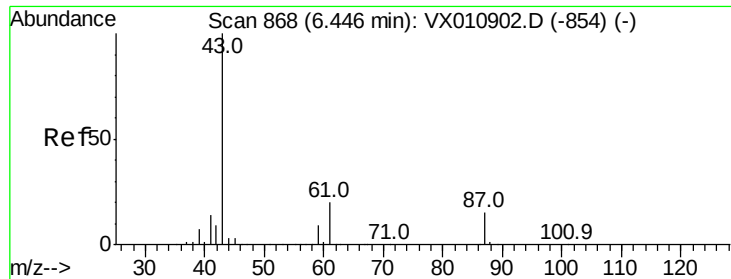
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#42
1,2-Dichloroethane
Concen: 50.526 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.0	





#43

Isopropyl Acetate

Concen: 50.593 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

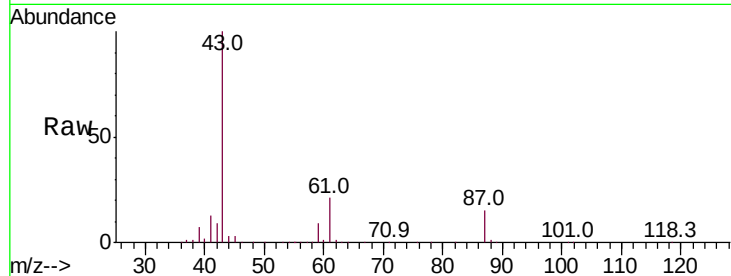
ClientSampleId :

VSTDCCC050

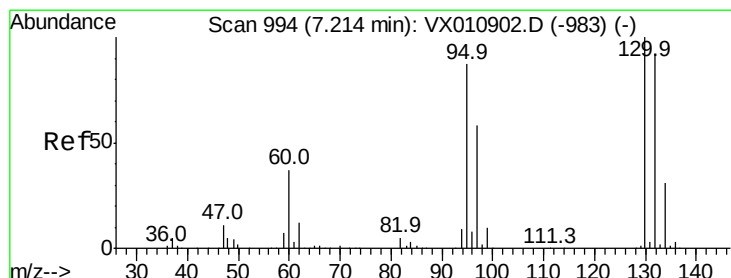
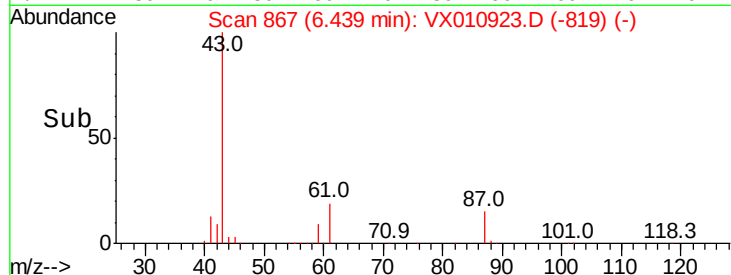
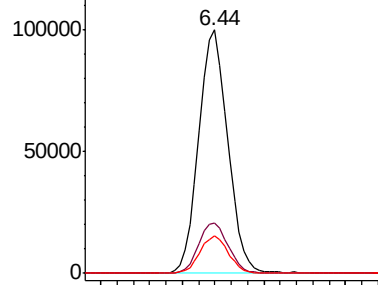
Tot Ion:	43	Resp:	245556
Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.1	25.7
87	15.2	12.0	18.0

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Abundance Ion 43.00 (42.70 to 43.70): VX010902.D (-854) (-)



#44

Trichloroethene

Concen: 51.013 ug/l

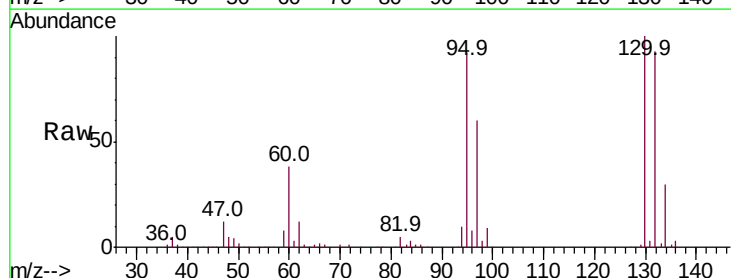
RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

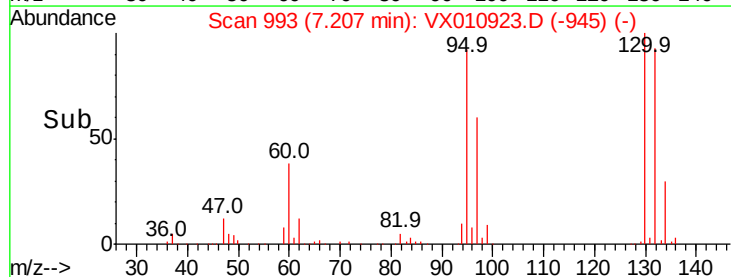
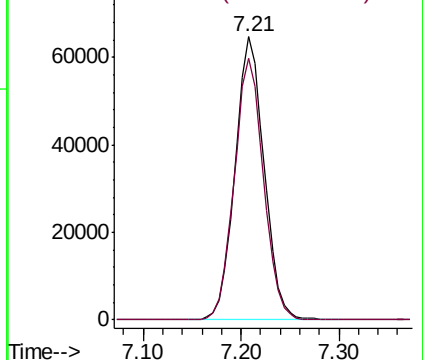
Lab File: VX010923.D

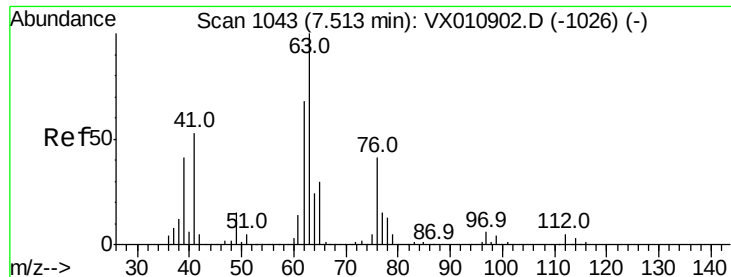
Acq: 17 Jul 2019 09:47

Tgt Ion:	130	Resp:	133336
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	174.8



Abundance Ion 129.80 (129.50 to 130.50): VX010902.D (-983) (-)





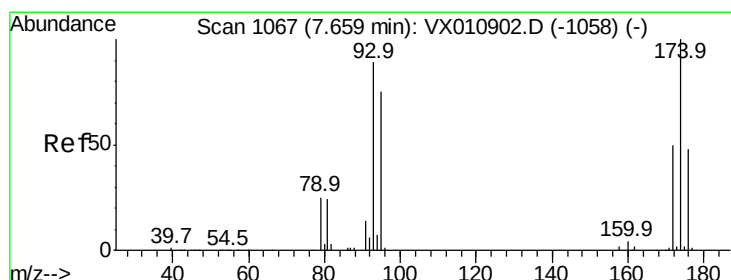
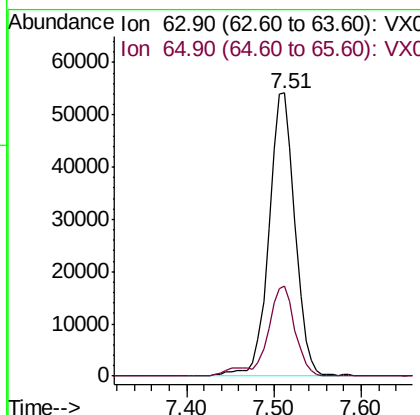
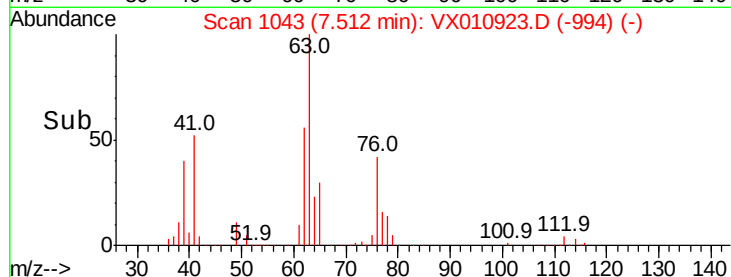
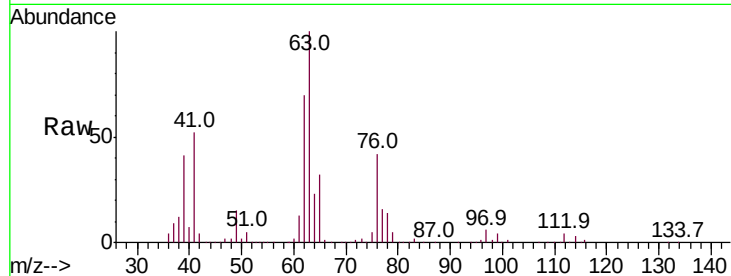
#45
 1,2-Dichloropropane
 Concen: 50.420 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.4	36.6

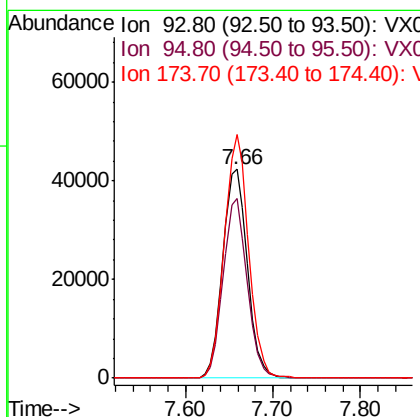
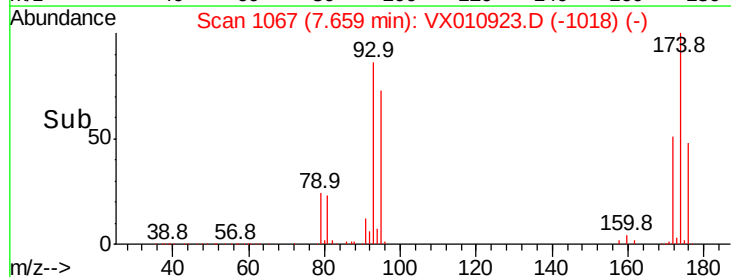
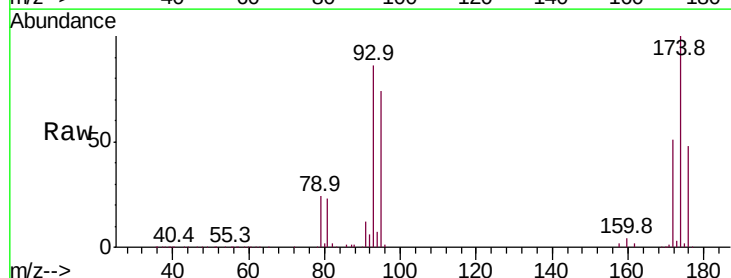
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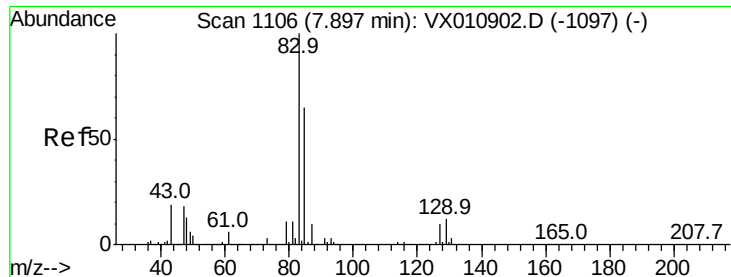
MMDadoda
 7/22/2019 10:58:03 AM



#46
 Dibromomethane
 Concen: 51.725 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.2	100.8
174	114.3	90.6	135.8





#47

Bromodichloromethane

Concen: 53.818 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

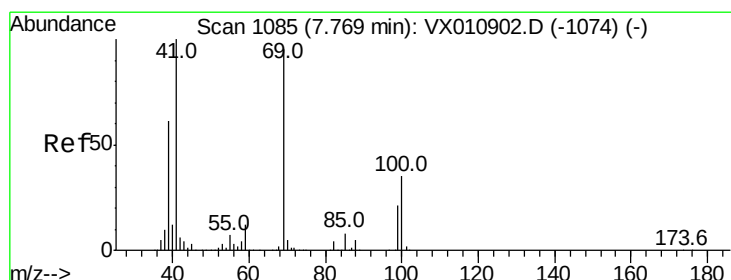
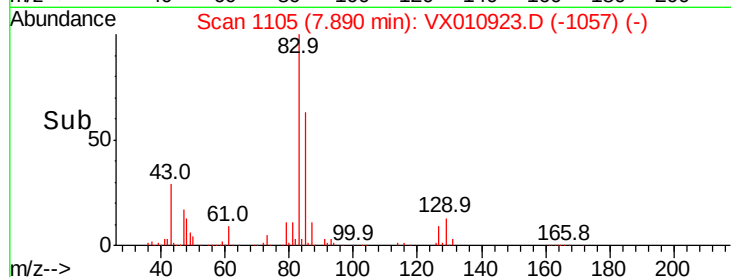
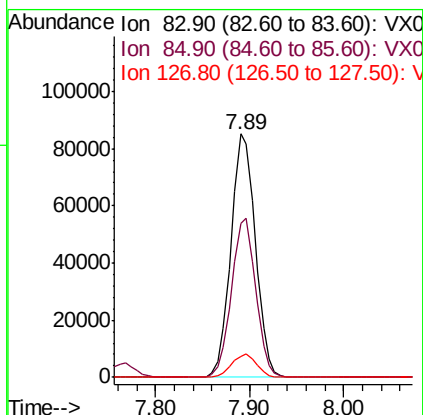
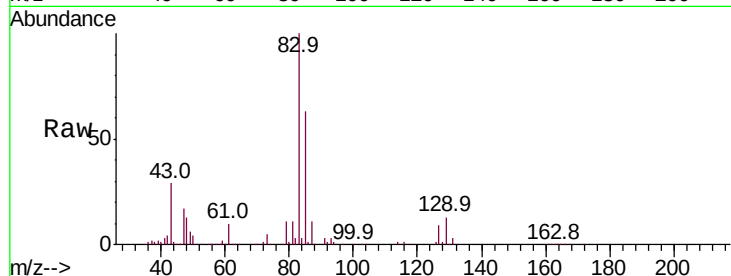
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	153851
Ion Ratio	Lower	Upper	
83	100		
85	63.3	52.5	78.7
127	8.7	7.8	11.8

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#48

Methyl methacrylate

Concen: 50.302 ug/l

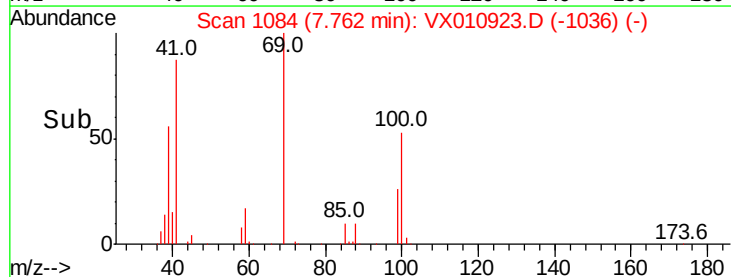
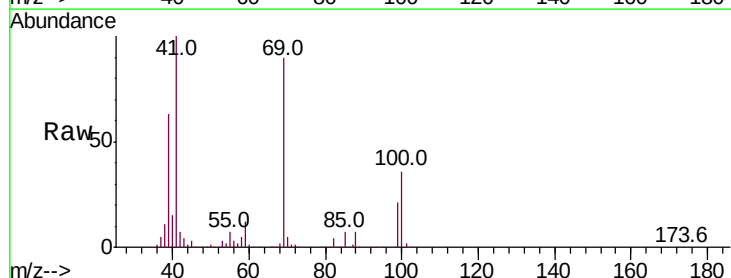
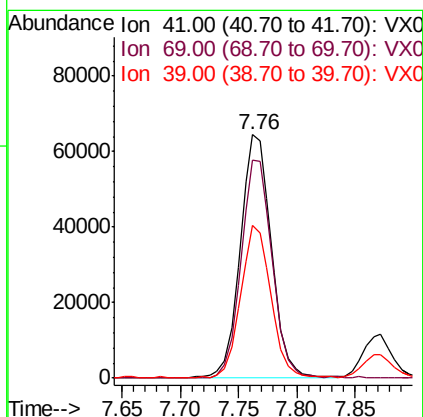
RT: 7.76 min Scan# 1084

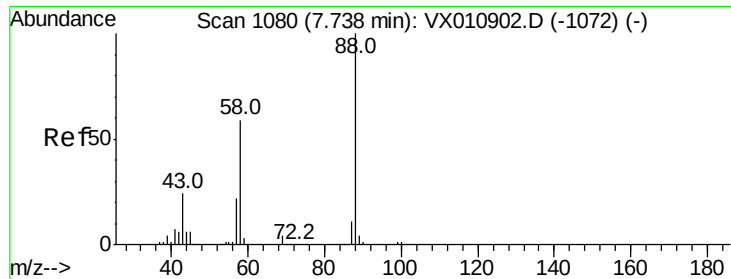
Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Tgt Ion:	41	Resp:	118936
Ion Ratio	Lower	Upper	
41	100		
69	90.2	74.4	111.6
39	60.9	48.9	73.3





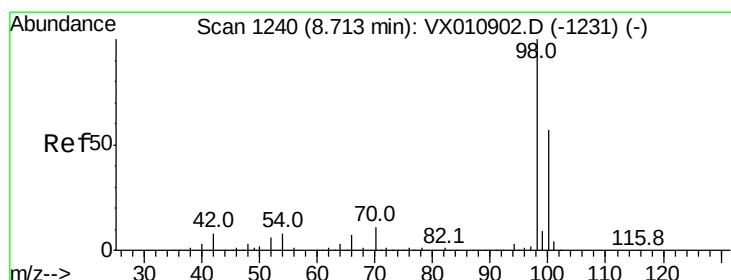
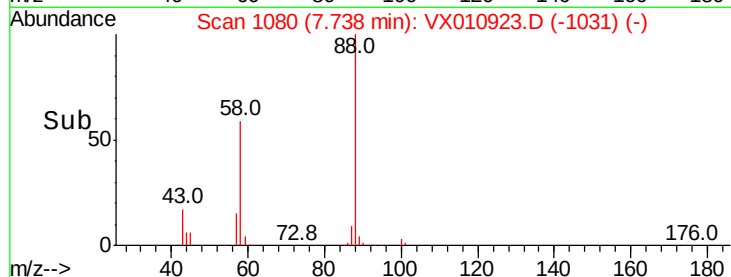
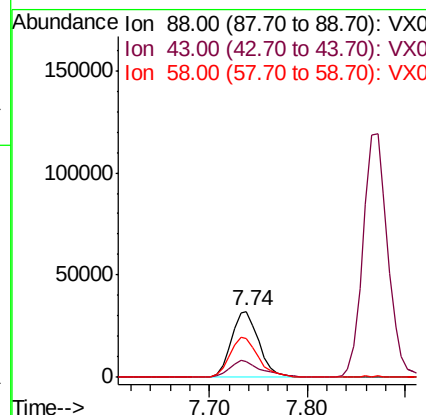
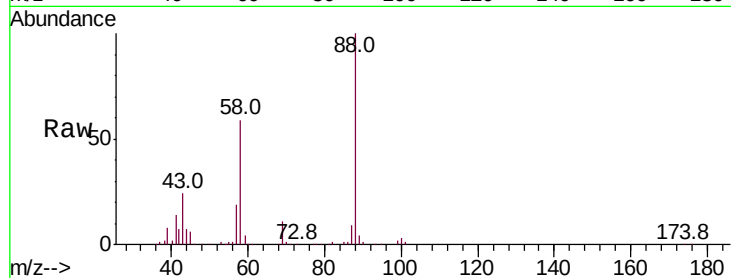
#49
1,4-Dioxane
Concen: 952.806 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.6	22.9	34.3
58	63.4	49.8	74.8

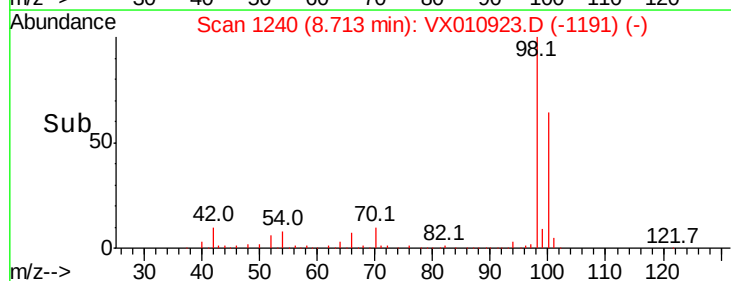
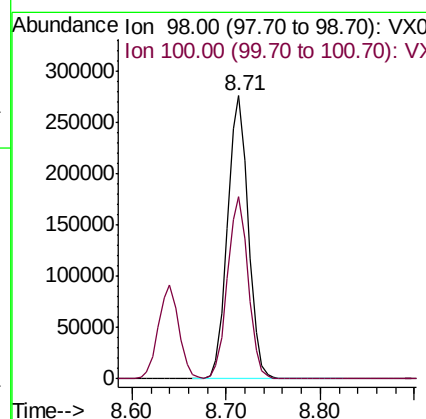
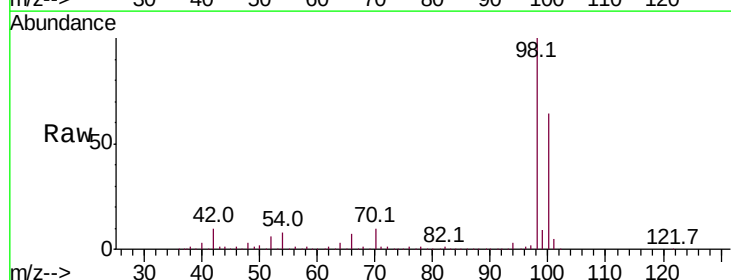
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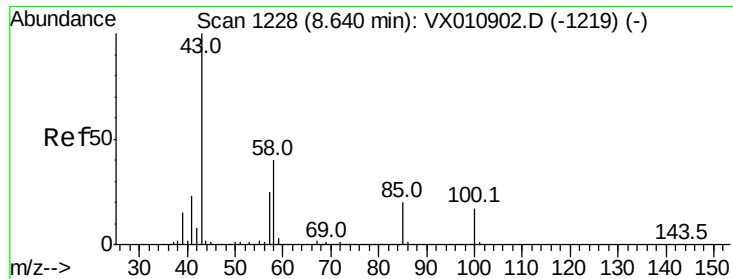
MMDadoda
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#50
Toluene-d8
Concen: 50.278 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 256.148 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 805910

Ion Ratio Lower Upper

43 100

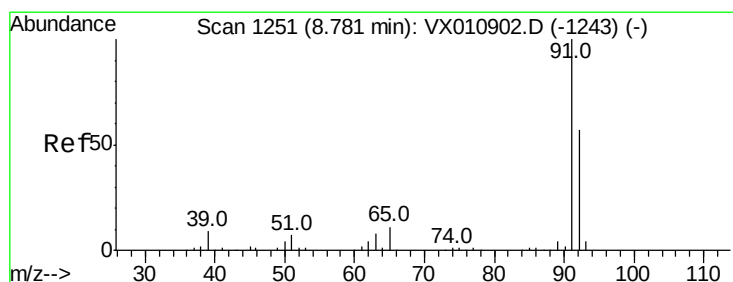
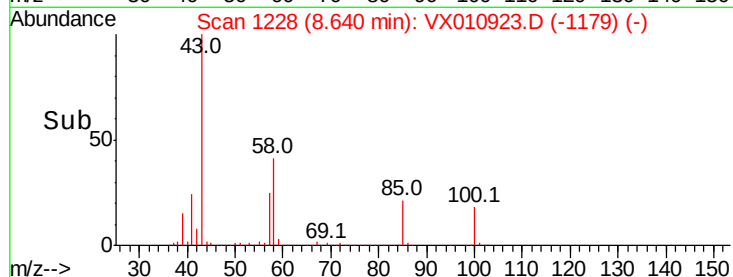
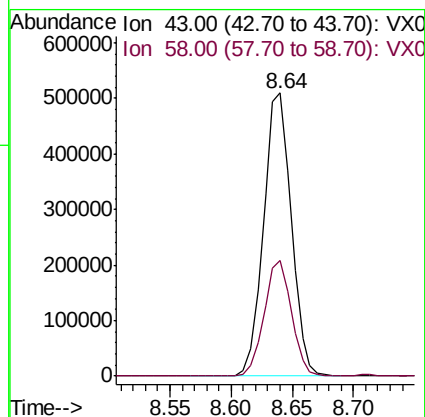
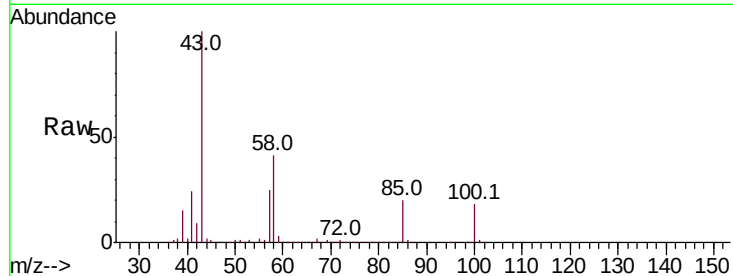
58 40.1 32.2 48.4

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#52

Toluene

Concen: 51.504 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010923.D

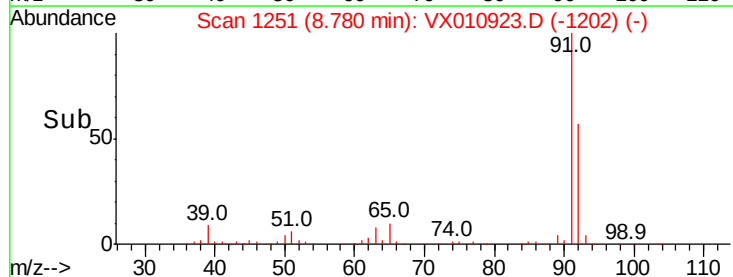
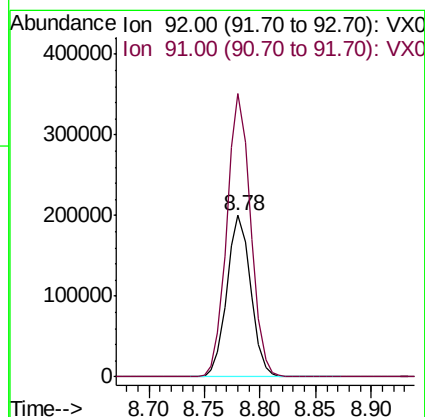
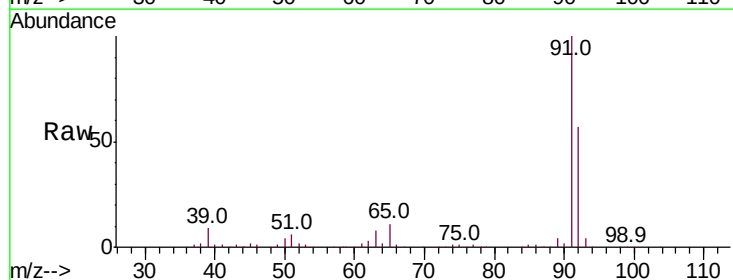
Acq: 17 Jul 2019 09:47

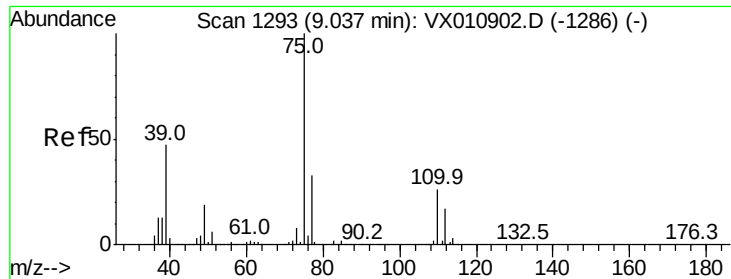
Tgt Ion: 92 Resp: 298765

Ion Ratio Lower Upper

92 100

91 174.5 139.4 209.0





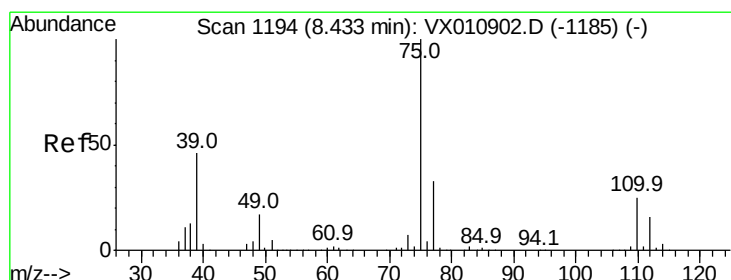
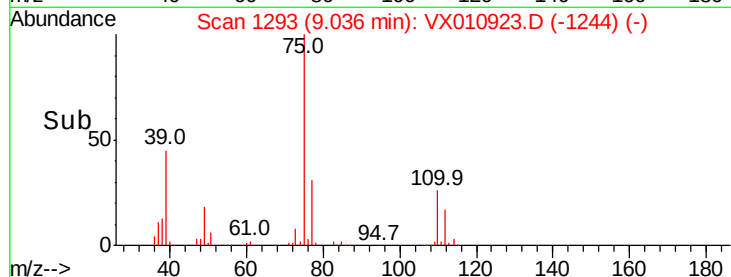
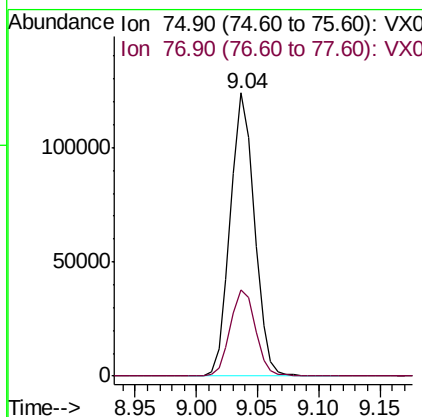
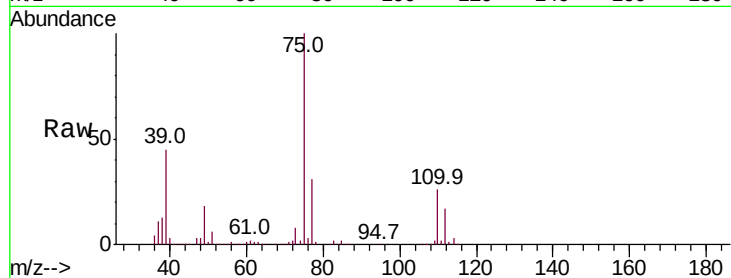
#53
 t-1,3-Dichloropropene
 Concen: 55.166 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.2	39.2

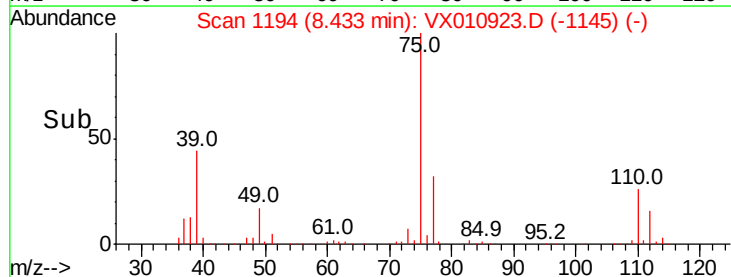
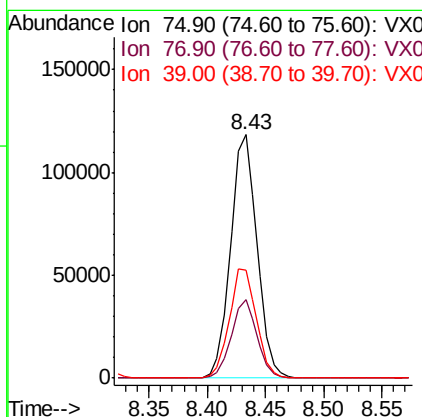
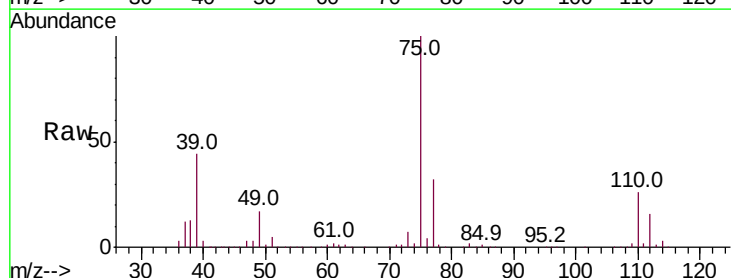
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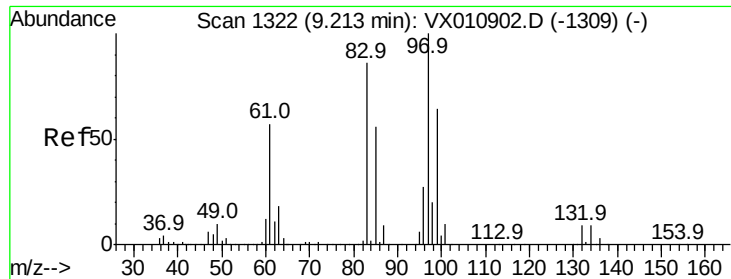
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#54
 cis-1,3-Dichloropropene
 Concen: 54.863 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.1	39.1
39	43.9	36.6	54.8





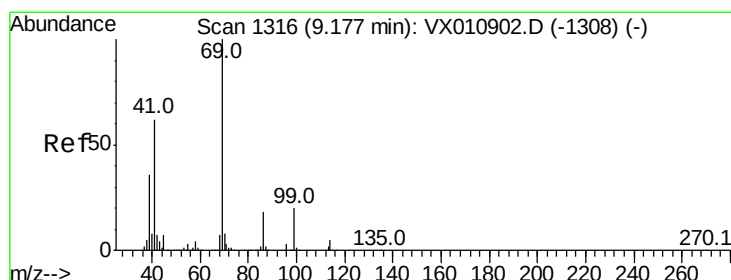
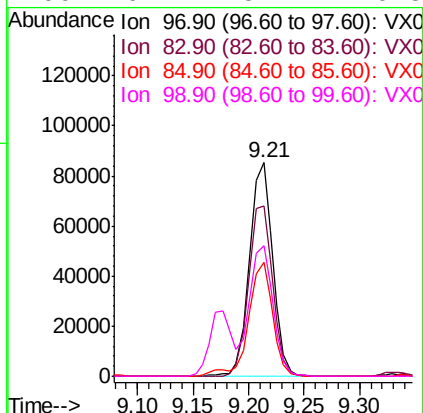
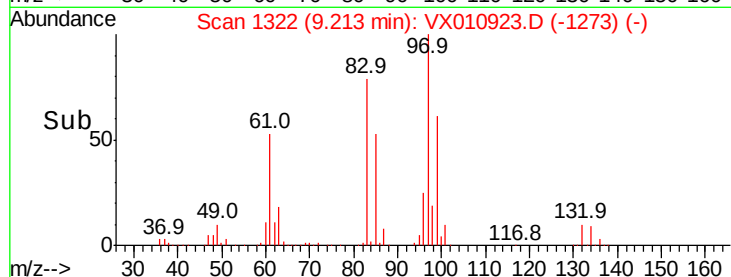
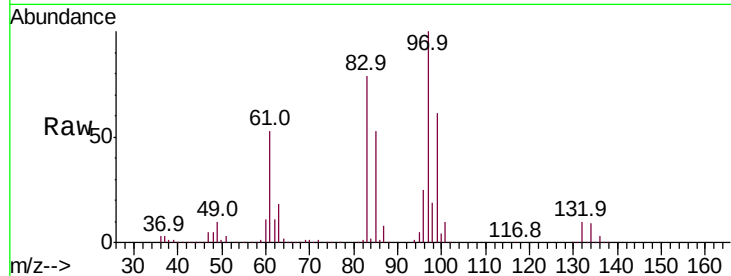
#55
 1,1,2-Trichloroethane
 Concen: 51.816 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	123761
Ion	Ratio	Lower	Upper
97	100		
83	79.4	69.2	103.8
85	53.4	44.6	66.8
99	61.1	51.2	76.8

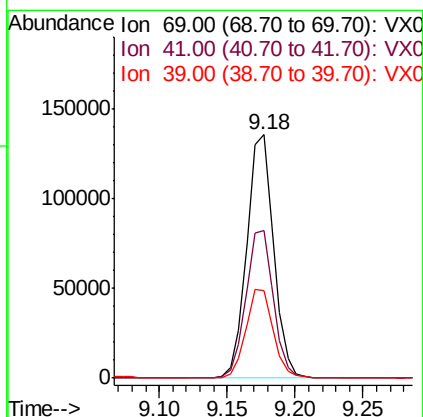
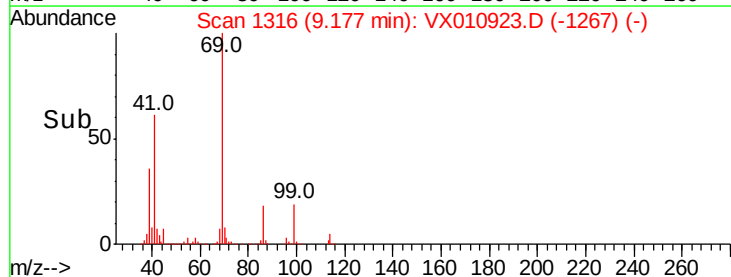
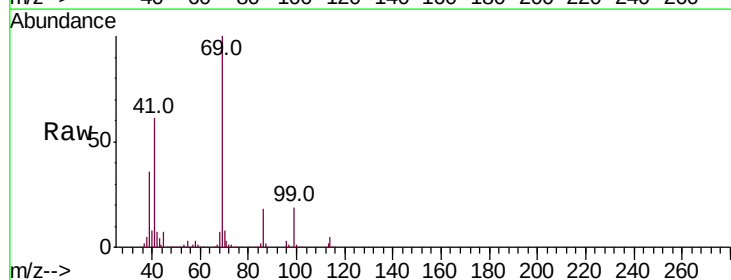
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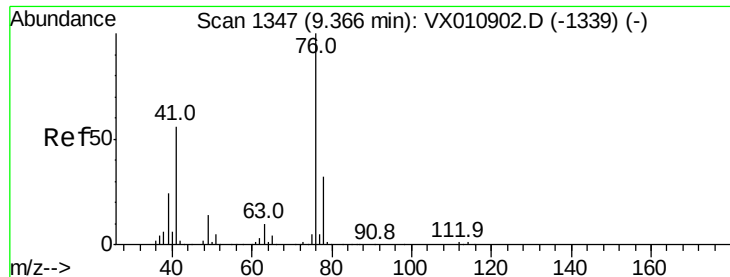
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#56
 Ethyl methacrylate
 Concen: 53.931 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Tgt Ion	69	Resp	188421
Ion	Ratio	Lower	Upper
69	100		
41	62.0	49.7	74.5
39	36.8	29.6	44.4





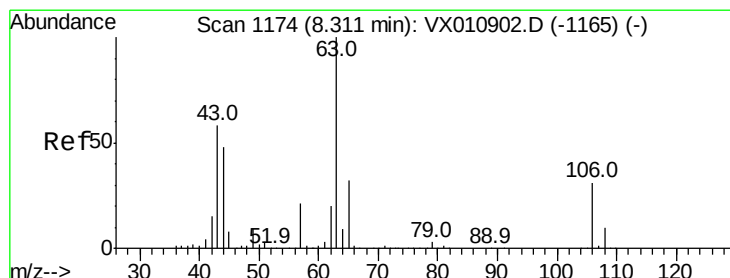
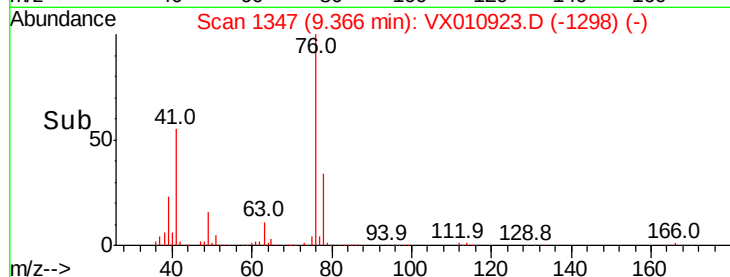
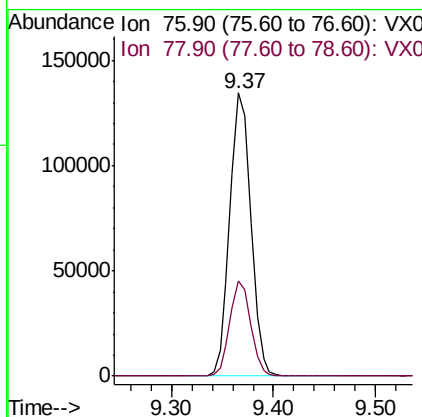
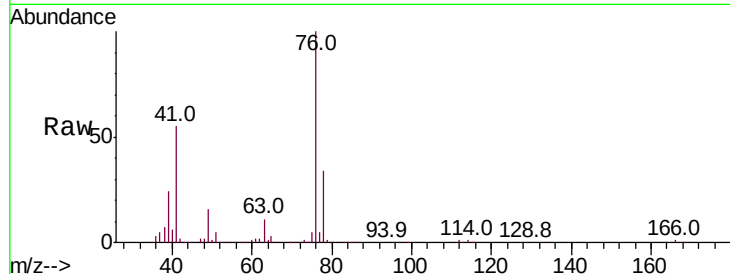
#57
 1,3-Dichloropropane
 Concen: 50.796 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.6	38.4

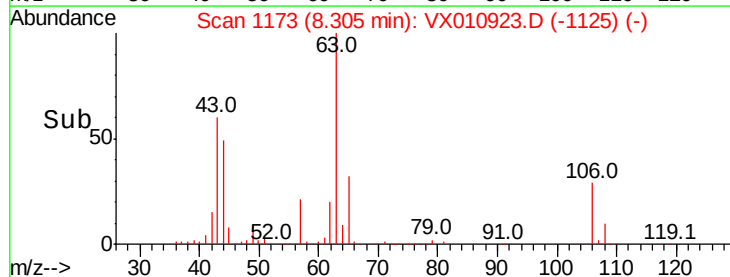
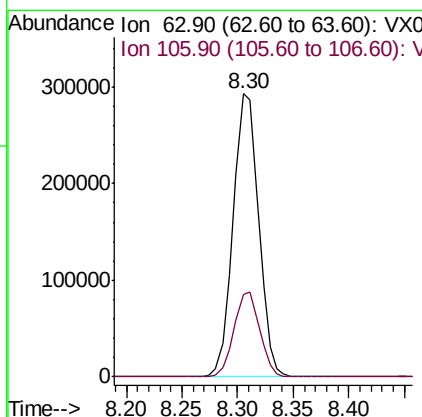
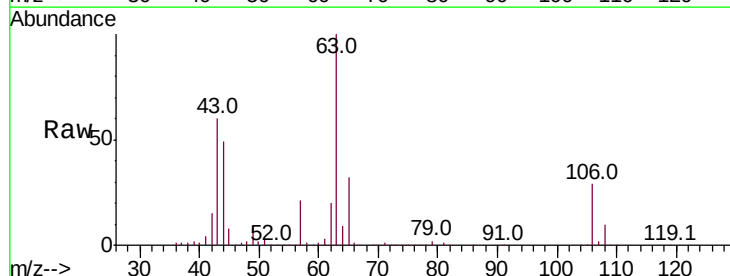
Manual Integrations
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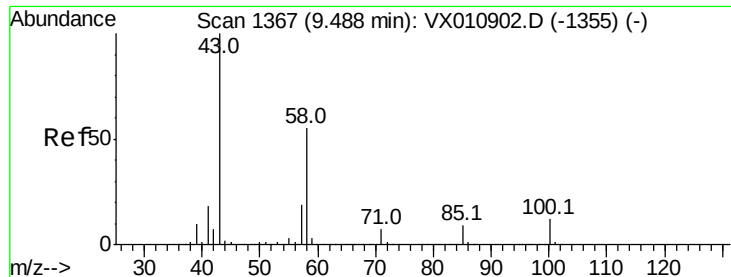
MMDadoda
 7/22/2019 10:58:03 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.514 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	24.0	36.0





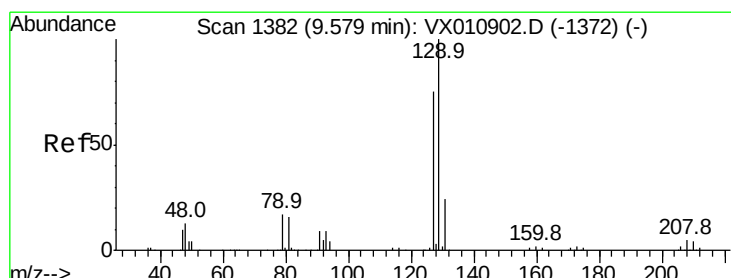
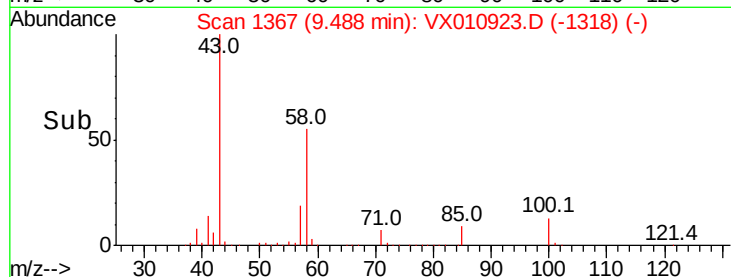
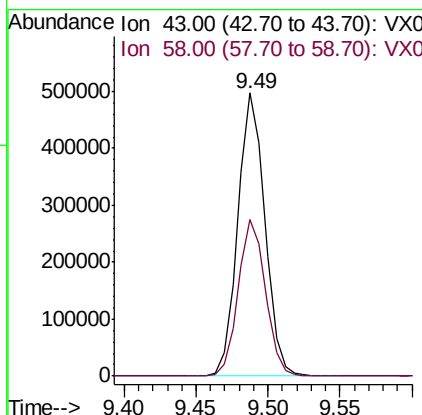
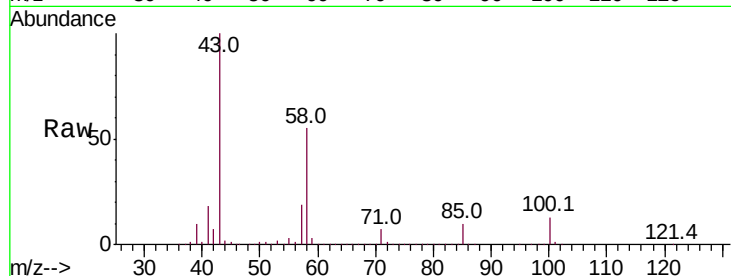
#59
2-Hexanone
Concen: 266.413 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 650127
Ion Ratio Lower Upper
43 100
58 55.9 28.0 83.9

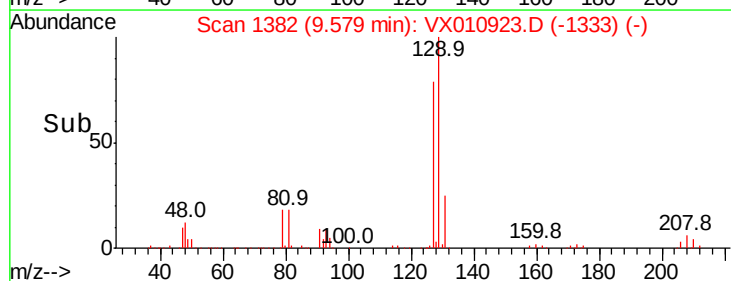
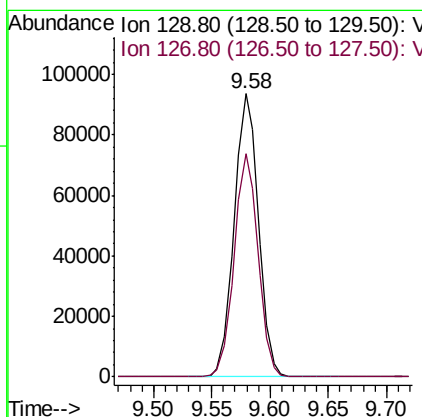
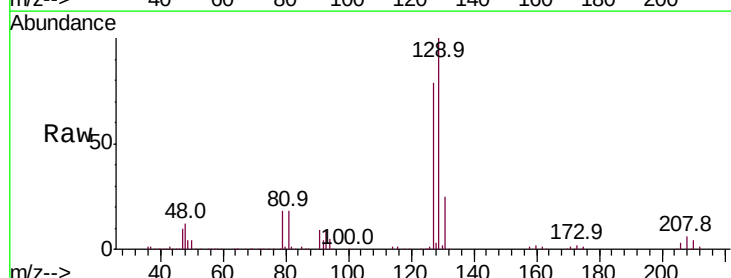
Manual Integrations
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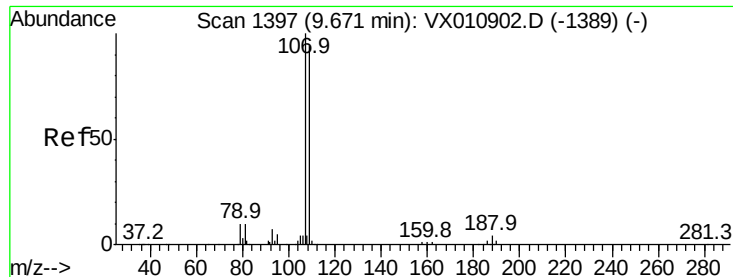
MMDadoda
7/22/2019 10:58:03 AM



#60
Dibromochloromethane
Concen: 49.513 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion: 129 Resp: 136032
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.030 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 131883

Ion Ratio Lower Upper

107 100

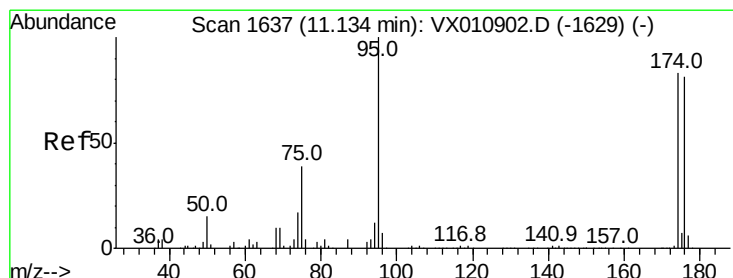
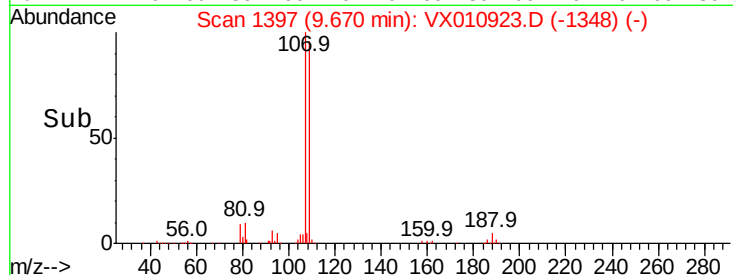
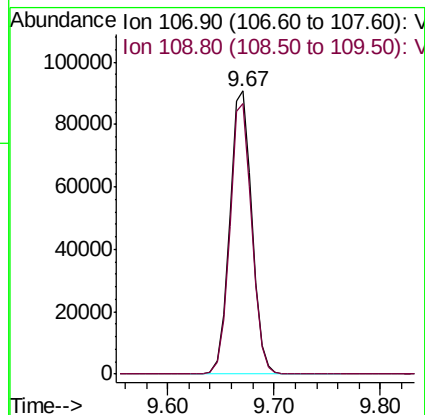
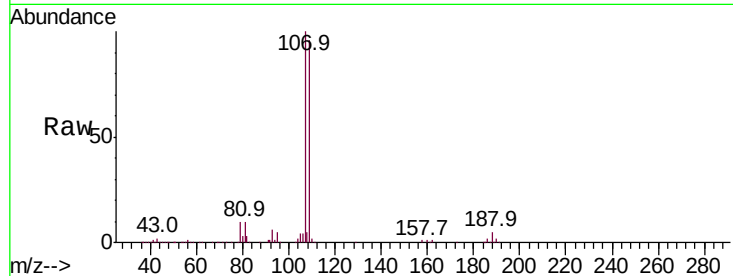
109 94.7 75.4 113.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 51.553 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

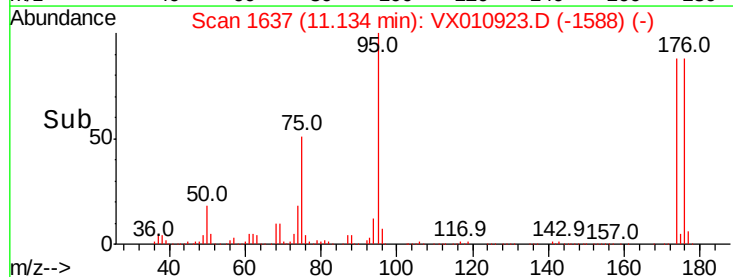
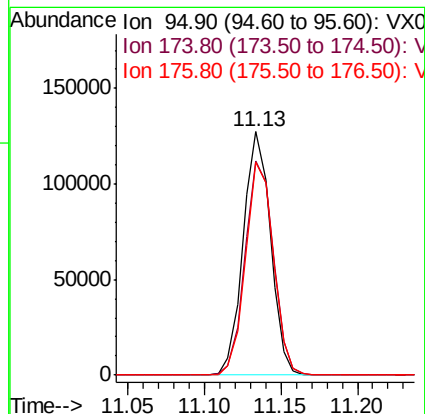
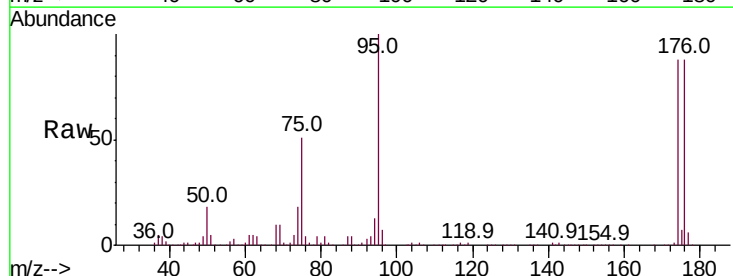
Tgt Ion: 95 Resp: 158313

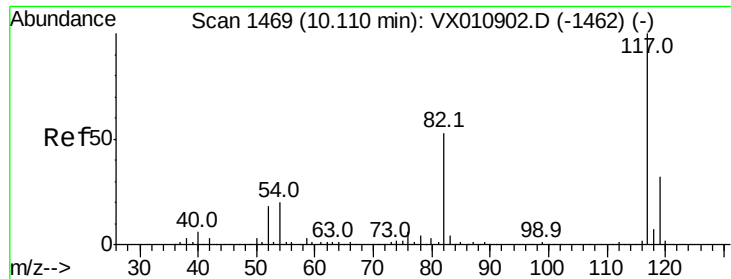
Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.6

176 89.2 0.0 173.8





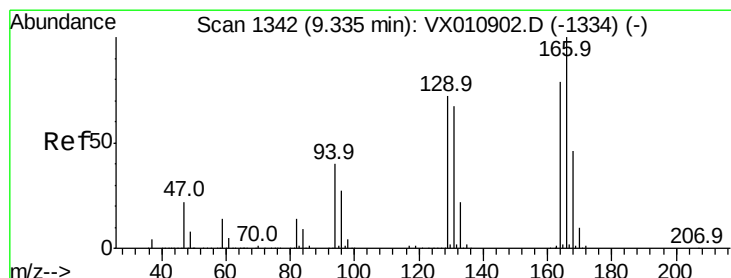
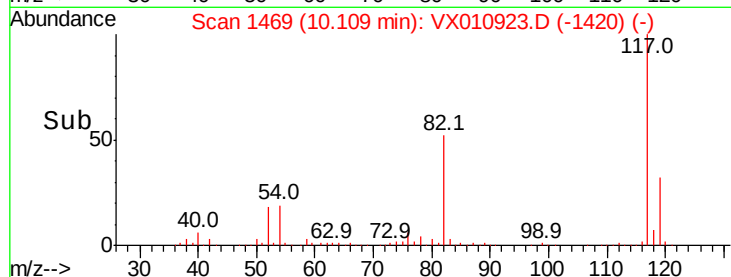
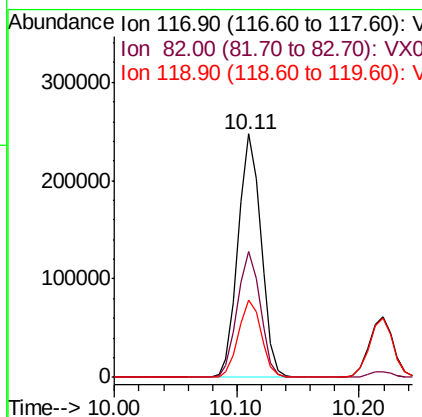
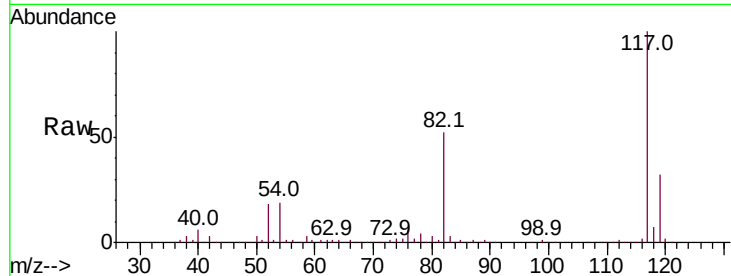
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.6	63.8
119	31.7	25.9	38.9

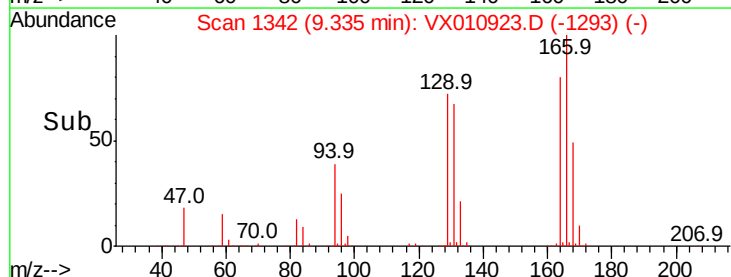
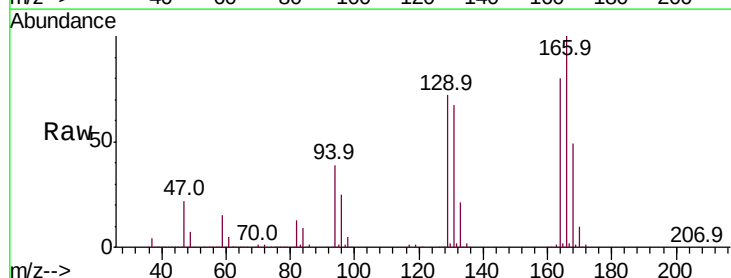
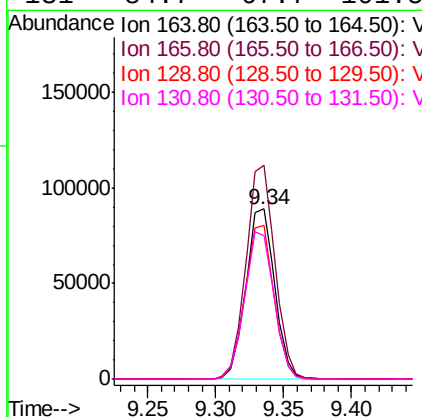
Manual Integrations
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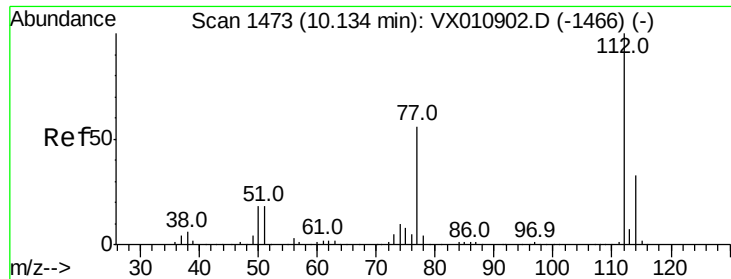
MMDadoda
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#64
Tetrachloroethene
Concen: 52.418 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	100.8	151.2
129	90.2	72.6	109.0
131	84.7	67.7	101.5





#65

Chlorobenzene

Concen: 51.273 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 338173

Ion Ratio Lower Upper

112 100

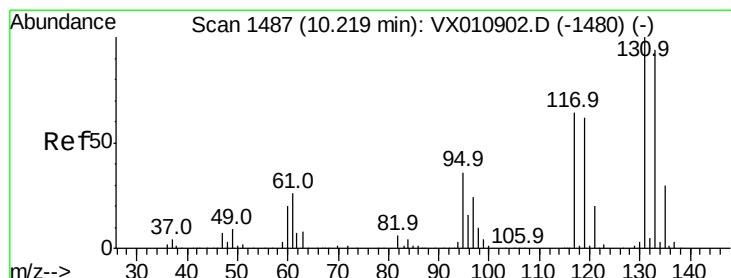
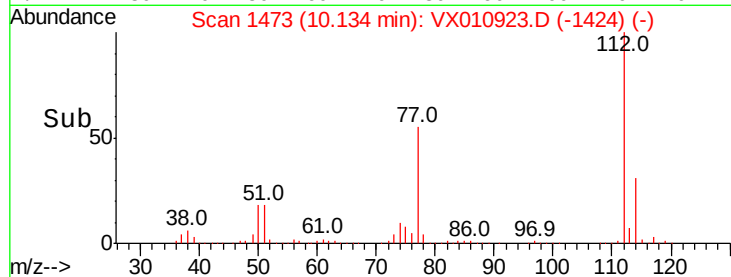
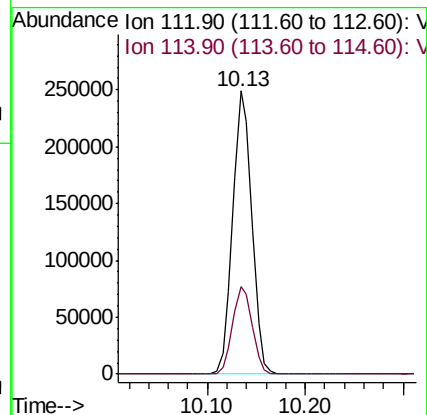
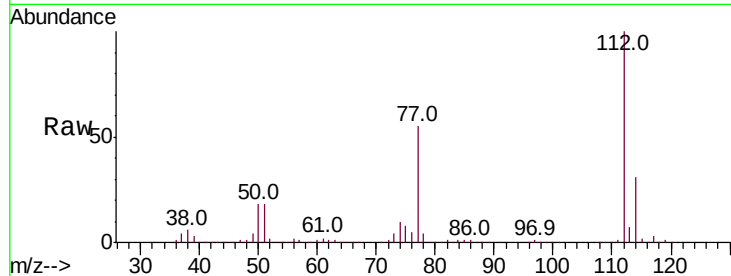
114 31.1 26.2 39.4

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.986 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

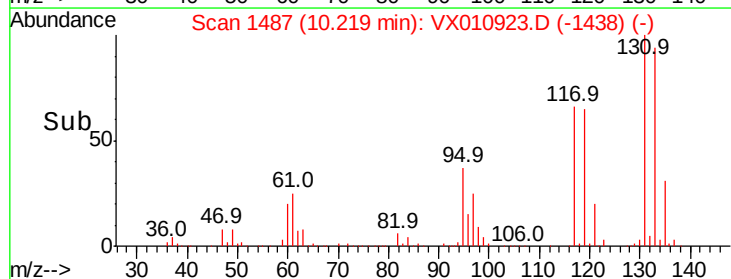
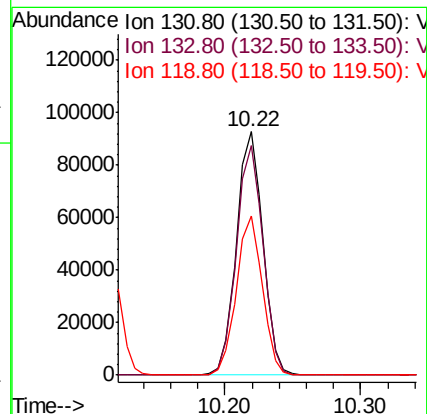
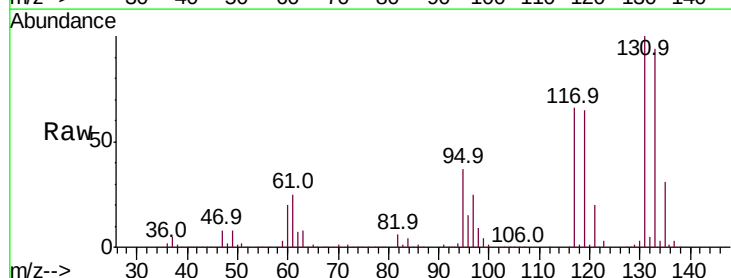
Tgt Ion:131 Resp: 125141

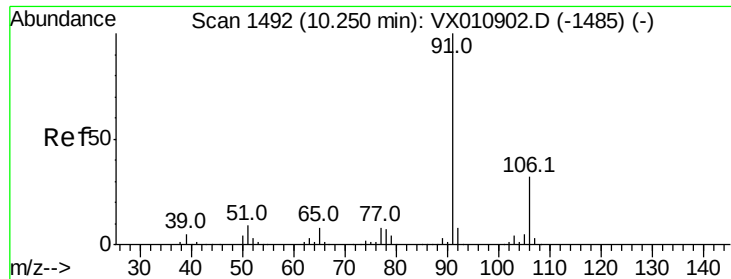
Ion Ratio Lower Upper

131 100

133 95.2 47.1 141.4

119 64.6 31.9 95.7





#67

Ethyl Benzene

Concen: 52.819 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 592962

Ion Ratio Lower Upper

91 100

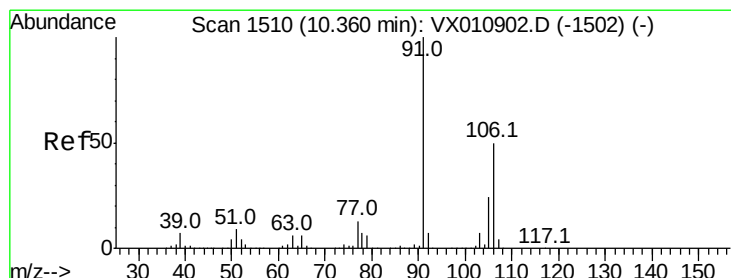
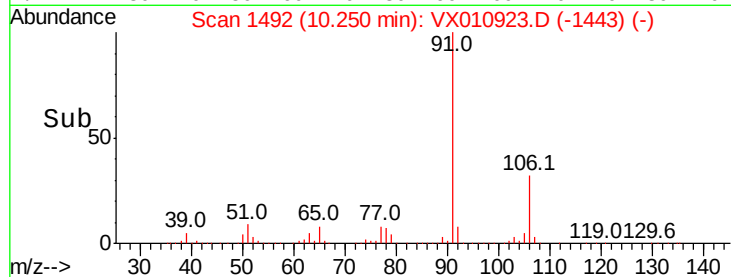
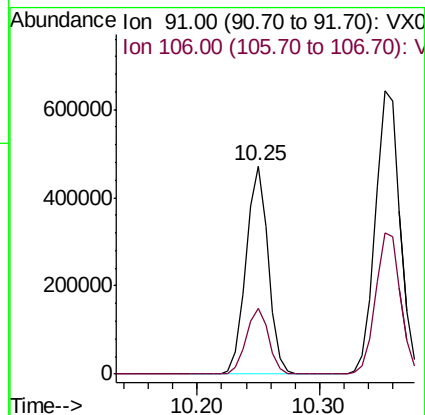
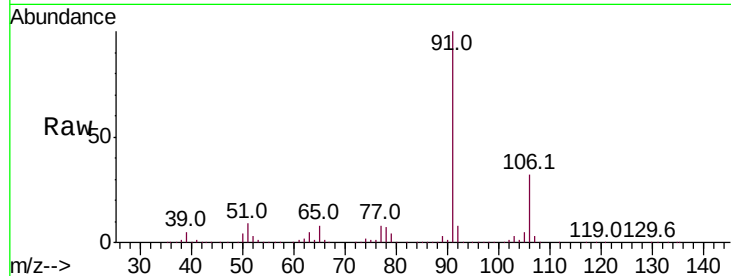
106 31.7 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 105.396 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010923.D

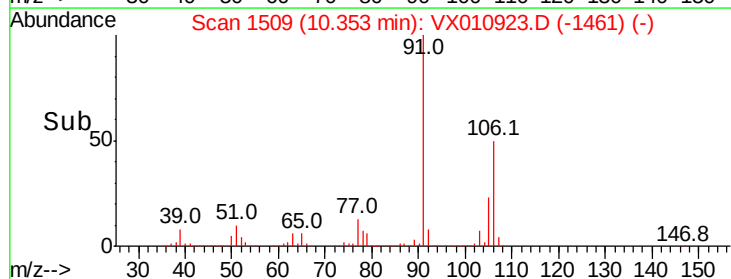
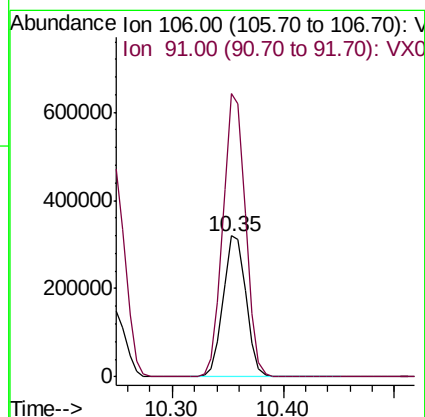
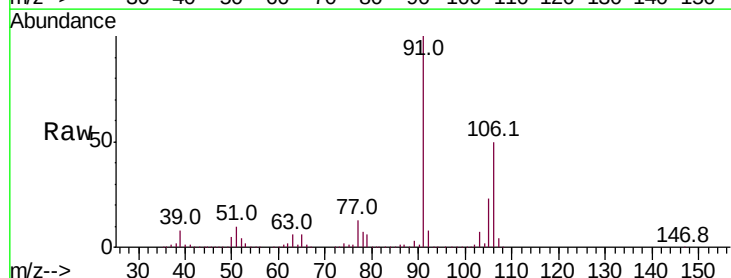
Acq: 17 Jul 2019 09:47

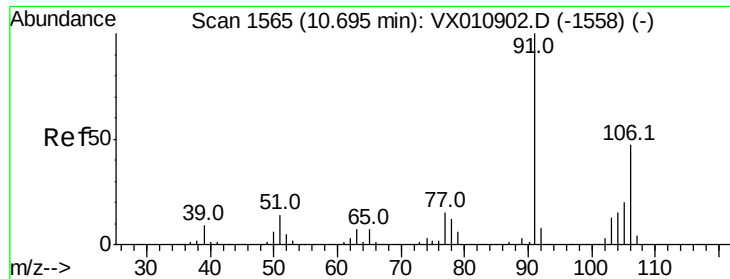
Tgt Ion: 106 Resp: 453870

Ion Ratio Lower Upper

106 100

91 198.3 160.1 240.1





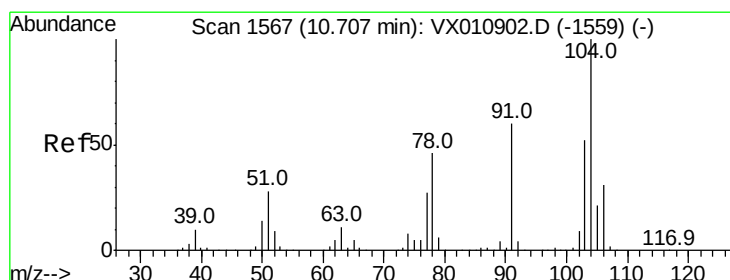
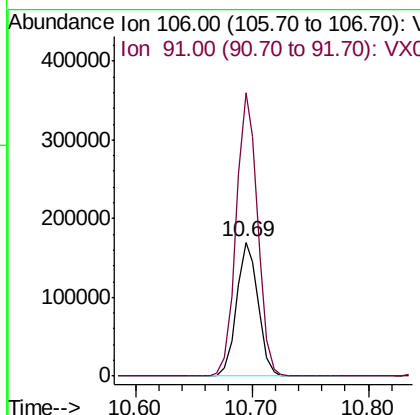
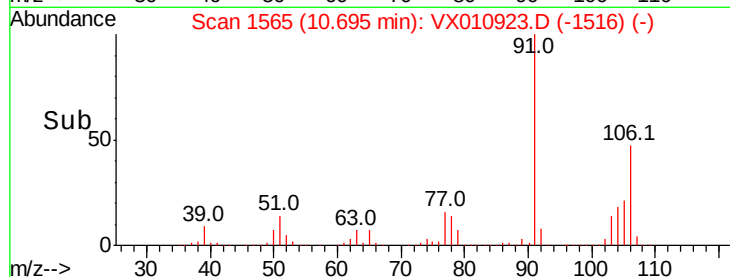
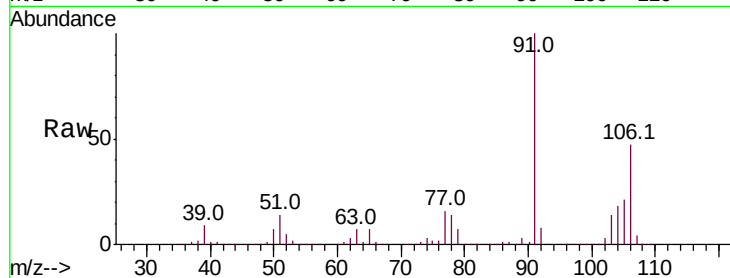
#69
o-Xylene
Concen: 51.839 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 217869
Ion Ratio Lower Upper
106 100
91 211.0 105.1 315.3

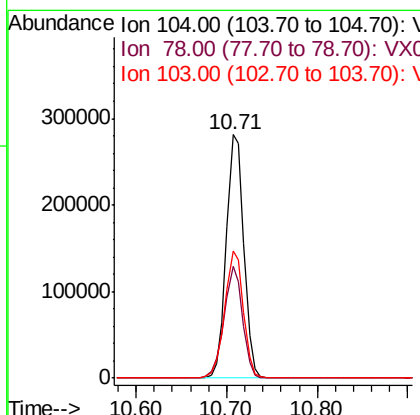
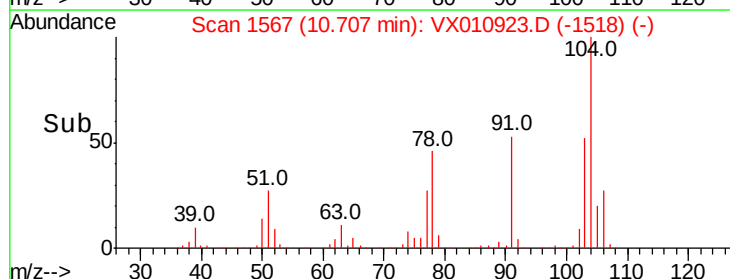
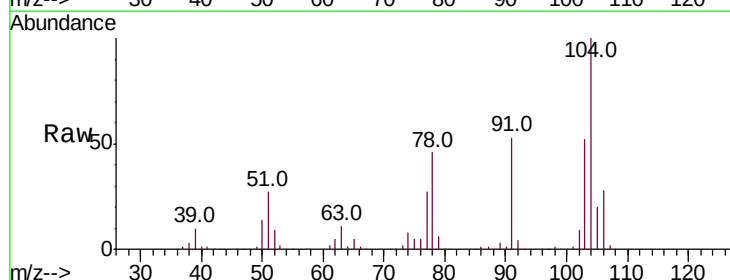
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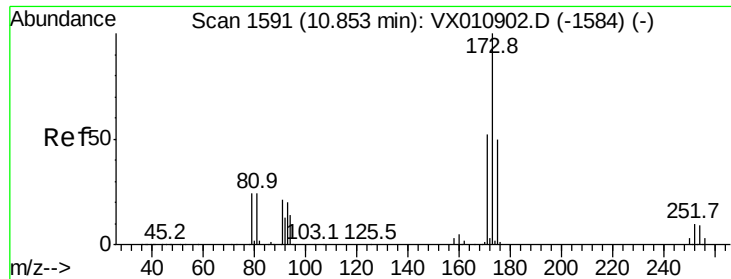
MMDadoda
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#70
Styrene
Concen: 54.003 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion:104 Resp: 378347
Ion Ratio Lower Upper
104 100
78 48.6 38.8 58.2
103 55.4 44.2 66.4





#71

Bromoform

Concen: 49.513 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 104447

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.6

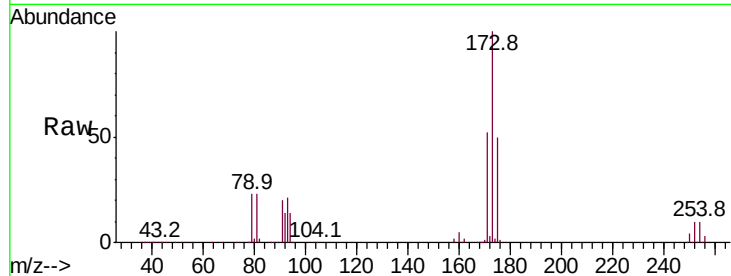
254 0.2 0.1 0.1#

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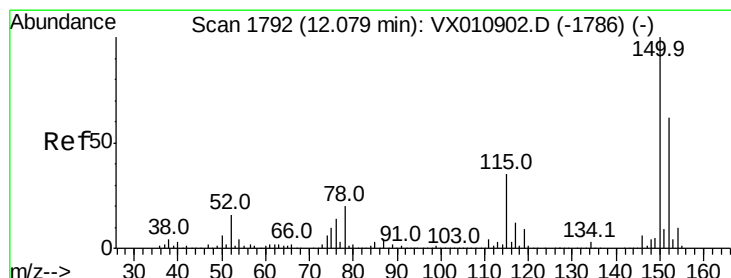
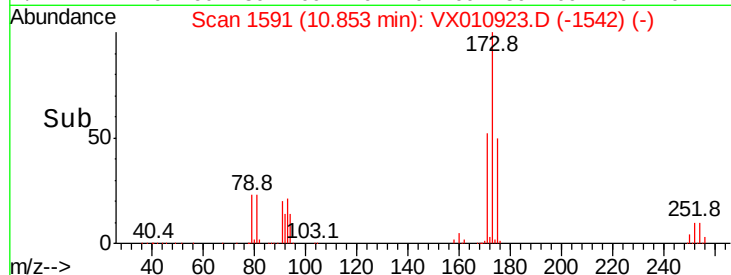
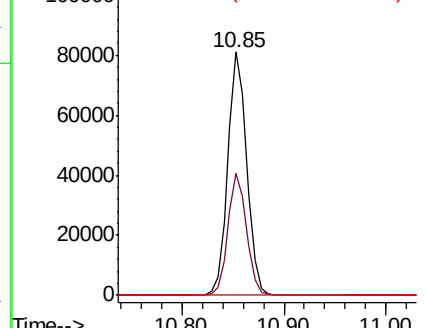
7/22/2019 10:58:03 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

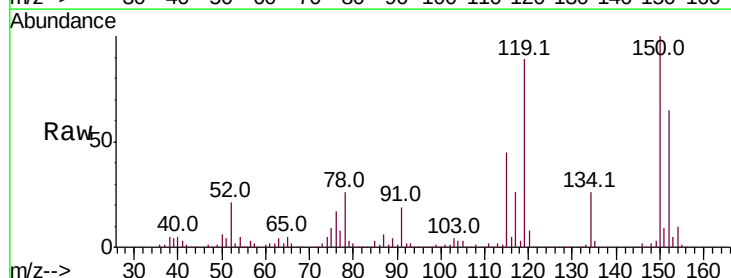
Tgt Ion:152 Resp: 172997

Ion Ratio Lower Upper

152 100

115 80.5 39.7 119.1

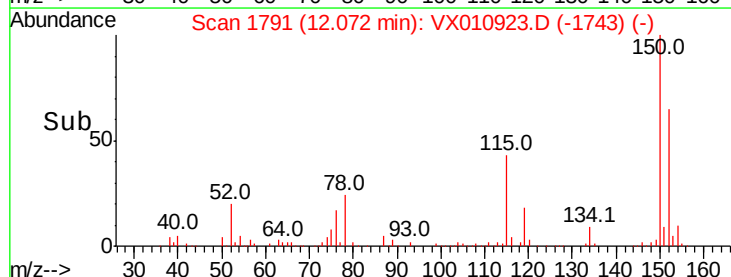
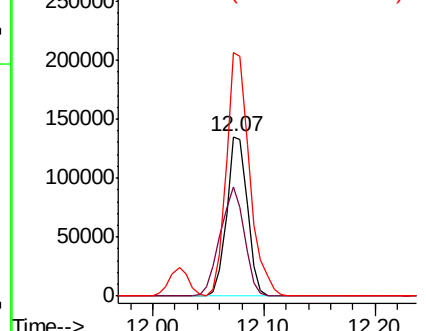
150 171.2 0.0 345.6

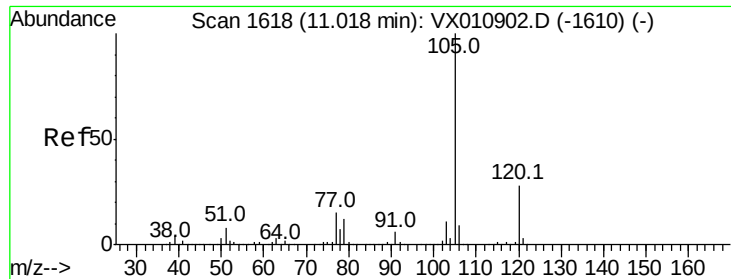


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.952 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 595596

Ion Ratio Lower Upper

105 100

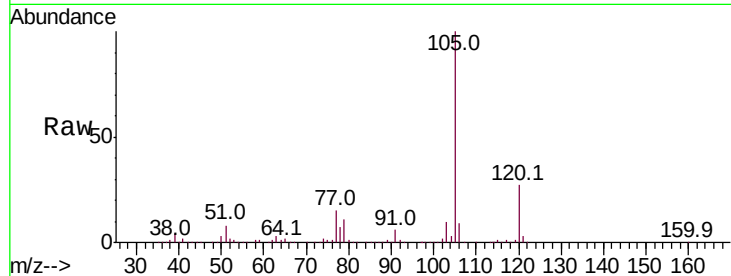
120 27.3 13.7 41.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

500000

400000

300000

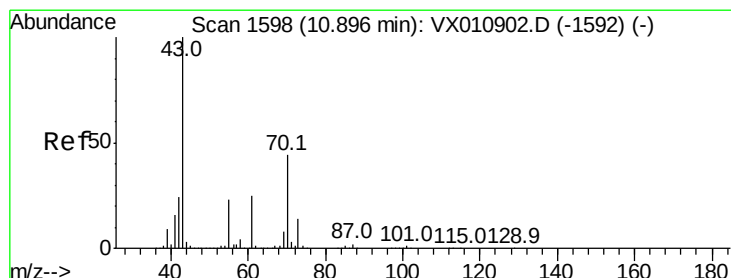
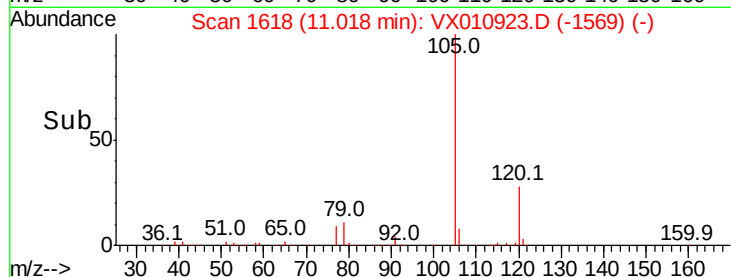
200000

100000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 51.848 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Tgt Ion: 43 Resp: 231577

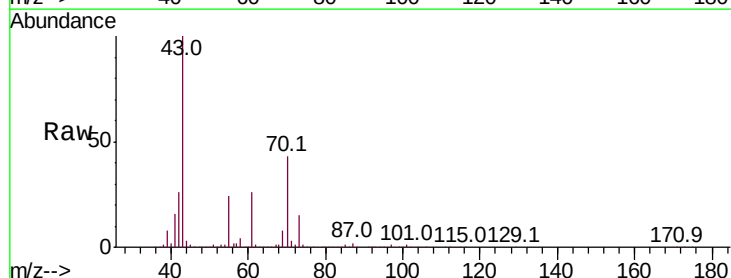
Ion Ratio Lower Upper

43 100

70 43.4 34.7 52.1

55 23.3 19.1 28.7

61 25.0 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

150000

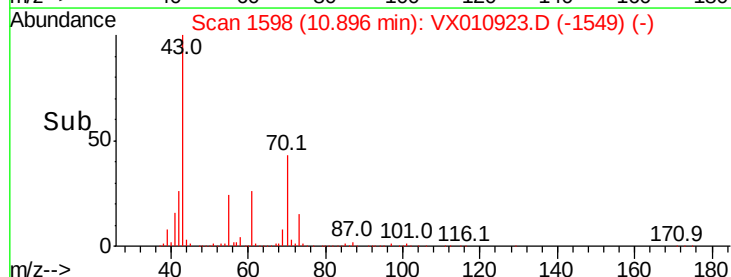
100000

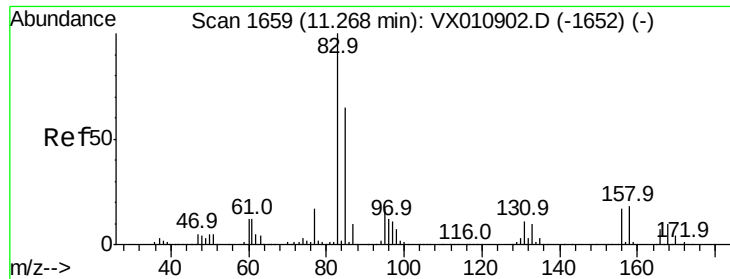
50000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 49.432 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

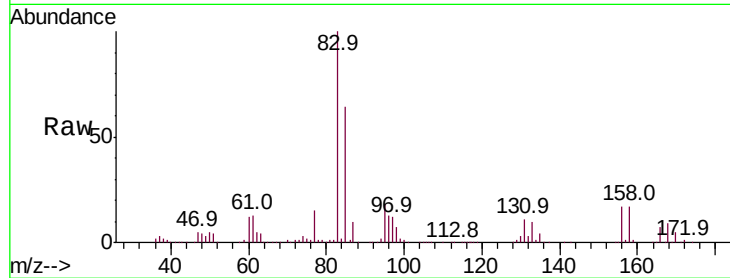
ClientSampleId :

VSTDCCC050

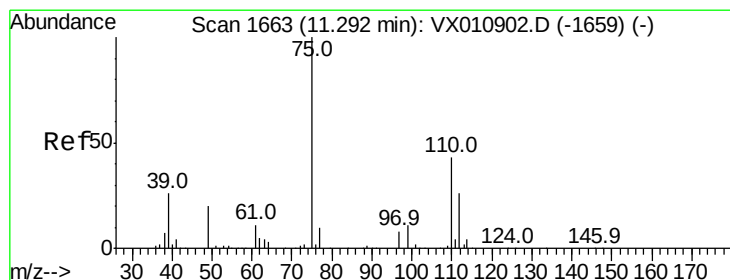
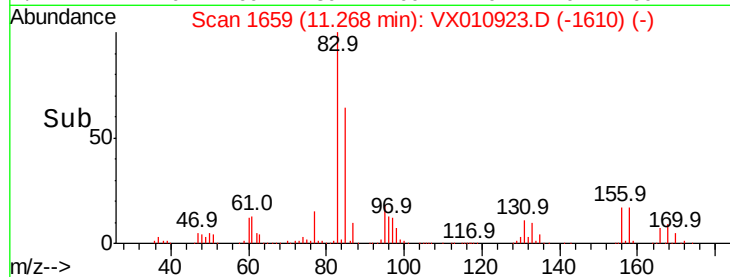
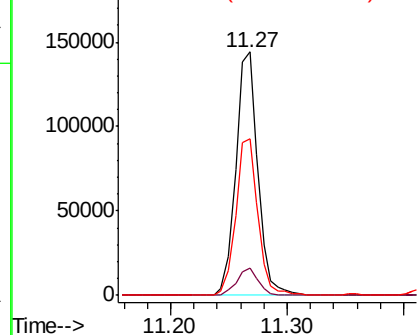
Tot Ion:	83	Resp:	189097
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	64.5	32.3	96.9

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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: 51.388 ug/l m

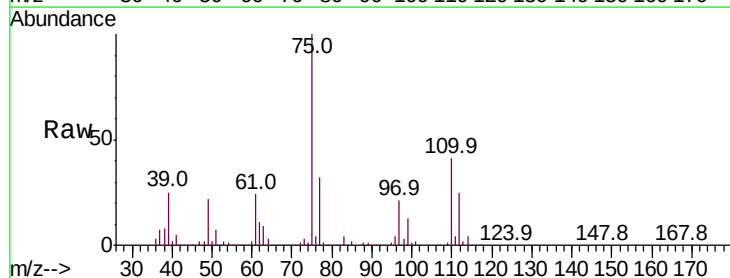
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

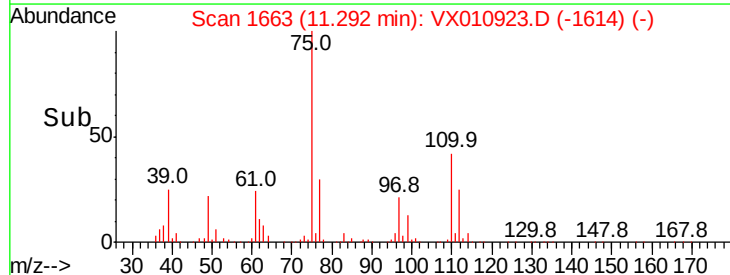
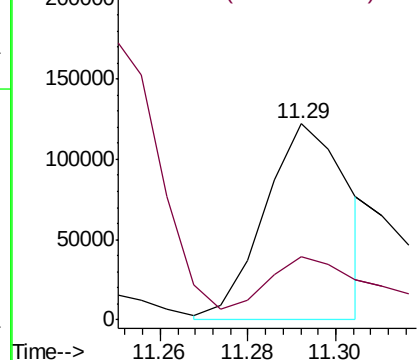
Lab File: VX010923.D

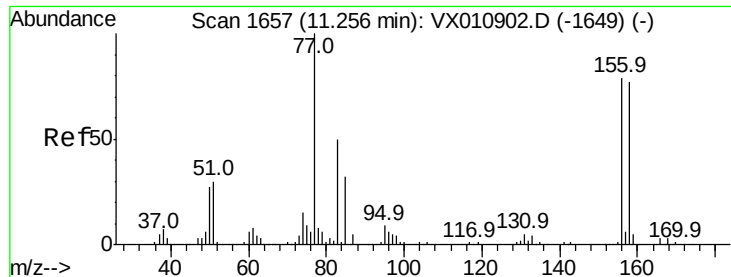
Acq: 17 Jul 2019 09:47

Tgt Ion:	75	Resp:	160425
Ion Ratio	Lower	Upper	
75	100		
77	42.2	21.3	64.0



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





#77

Bromobenzene

Concen: 50.055 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

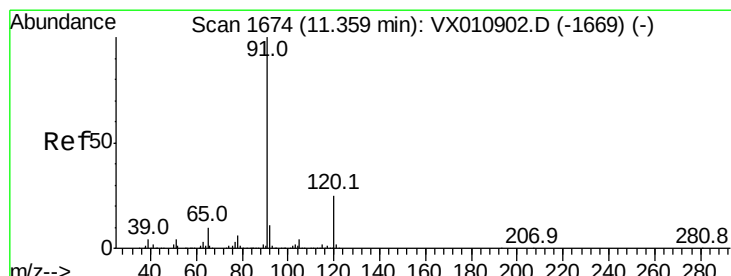
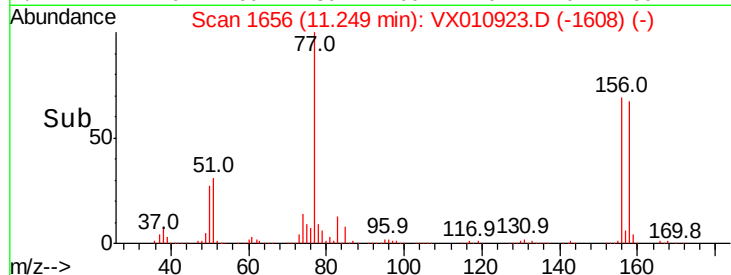
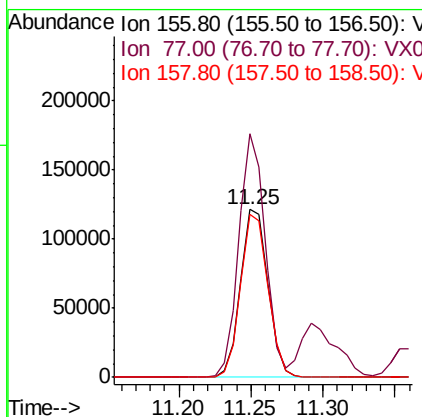
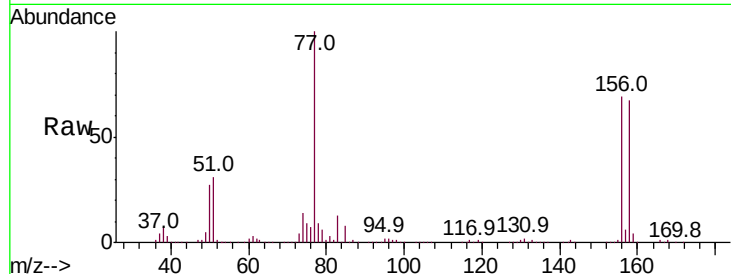
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	161394
Ion Ratio	Lower	Upper	
156	100		
77	139.4	68.7	206.1
158	96.9	47.9	143.7

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#78

n-propylbenzene

Concen: 52.954 ug/l

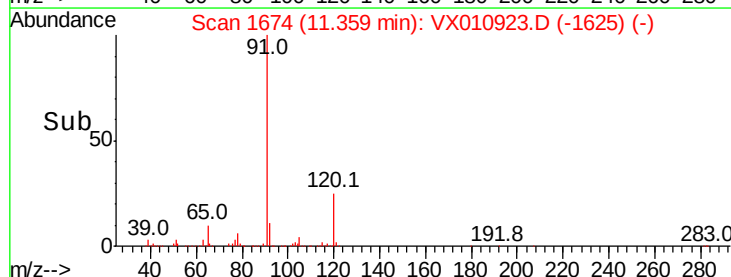
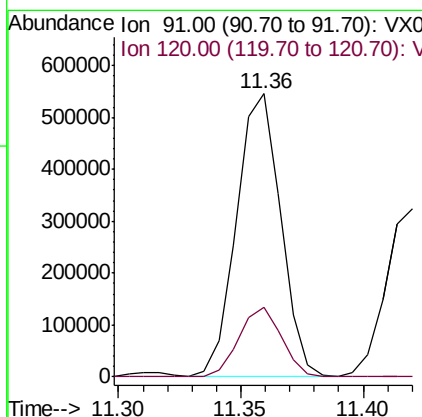
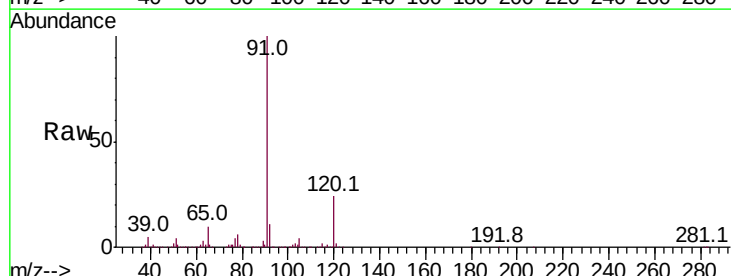
RT: 11.36 min Scan# 1674

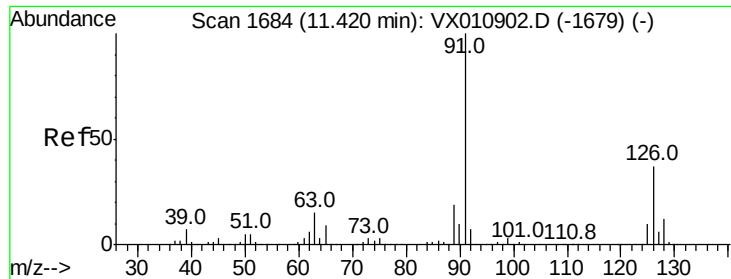
Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Tgt Ion:	91	Resp:	683942
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.3	36.8





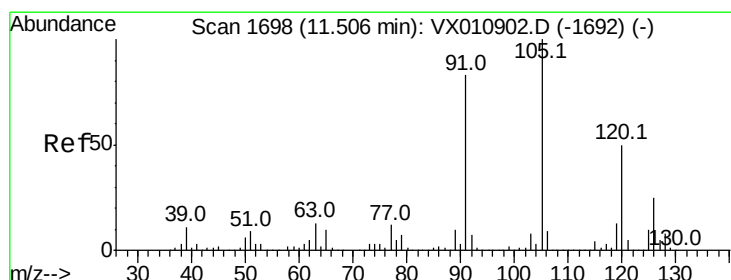
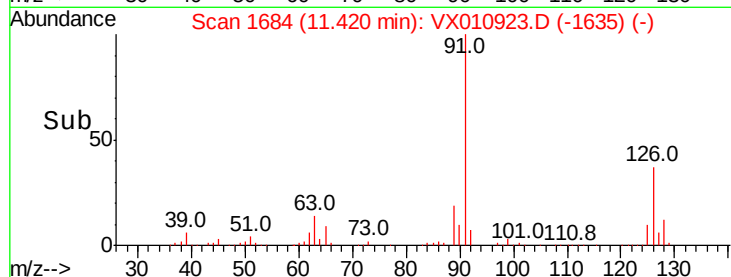
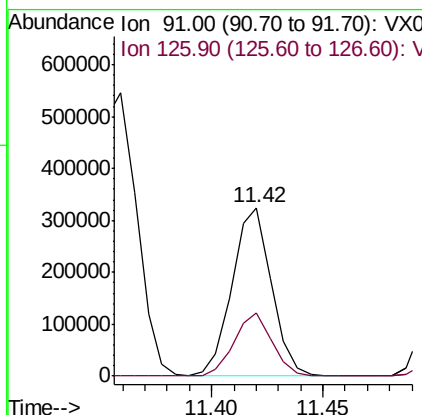
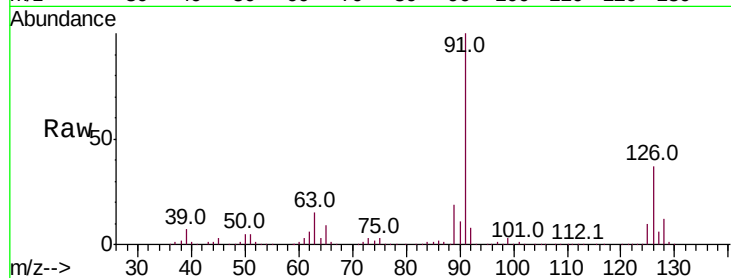
#79
2-Chlorotoluene
Concen: 51.147 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 396838
Ion Ratio Lower Upper
91 100
126 36.3 18.0 54.0

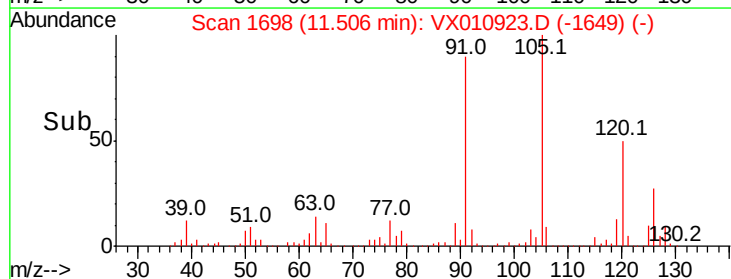
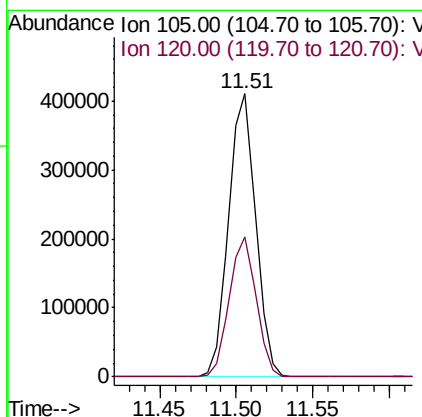
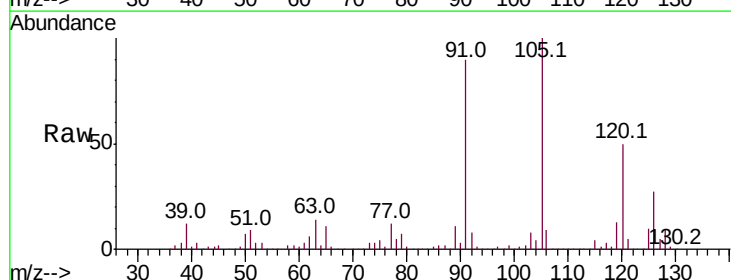
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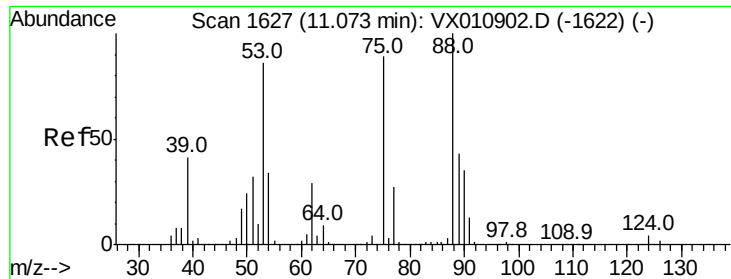
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 51.666 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion: 105 Resp: 504656
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.8





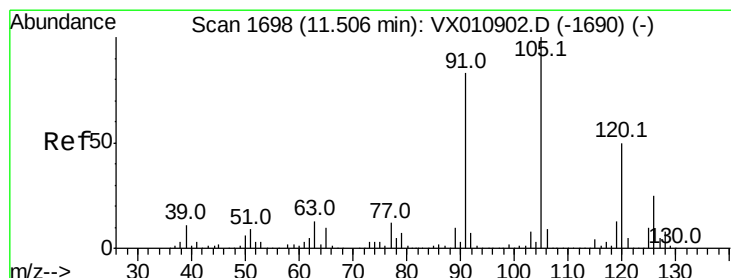
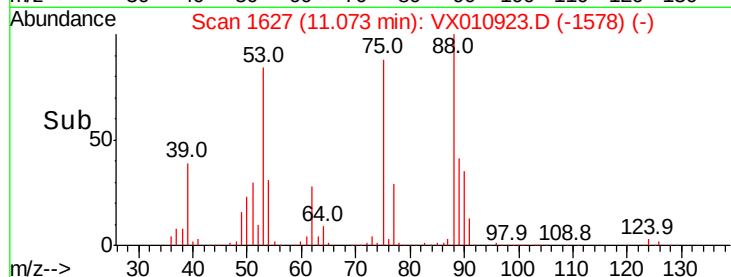
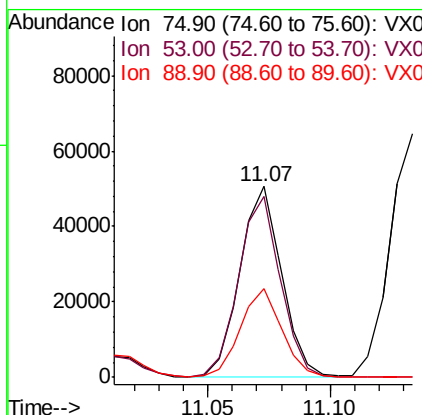
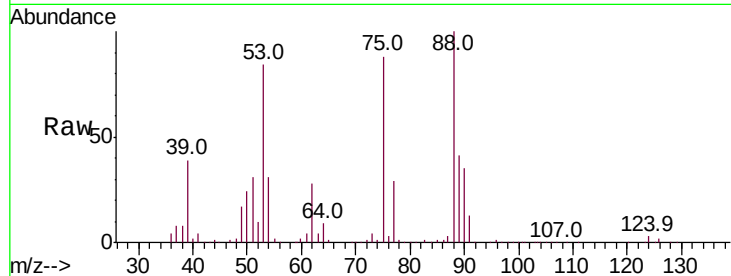
#81
trans-1,4-Dichloro-2-butene
Concen: 48.696 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 59864
Ion Ratio Lower Upper
75 100
53 95.8 76.7 115.1
89 46.6 38.5 57.7

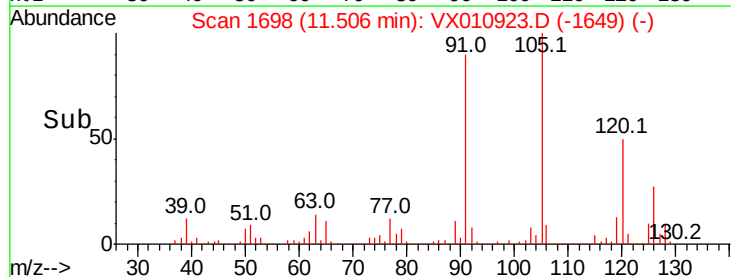
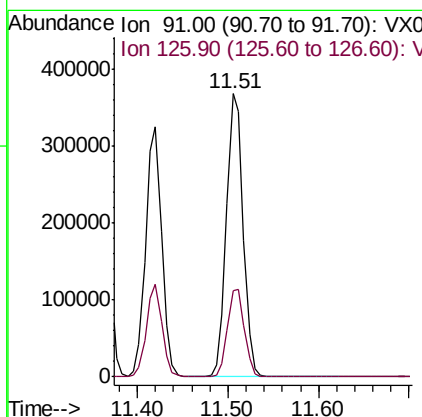
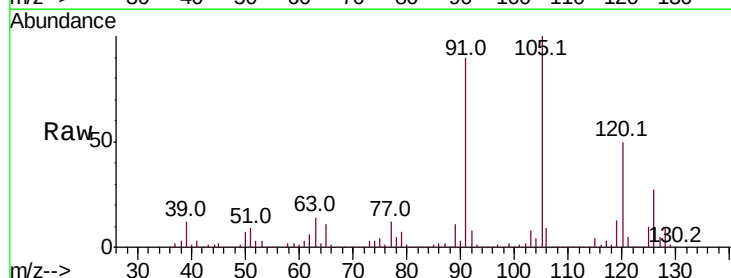
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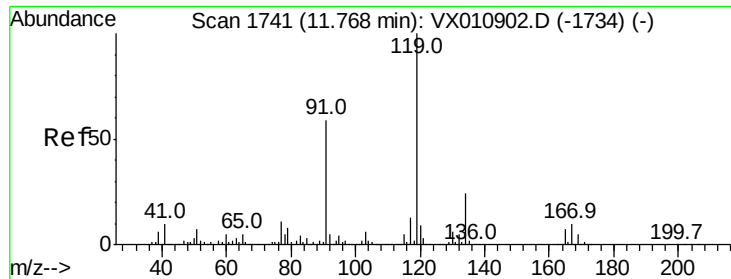
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.000 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion: 91 Resp: 469579
Ion Ratio Lower Upper
91 100
126 31.7 15.9 47.7





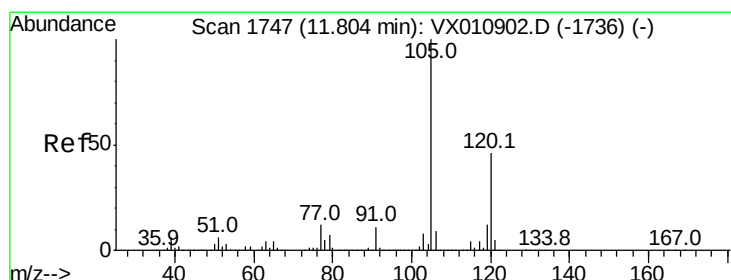
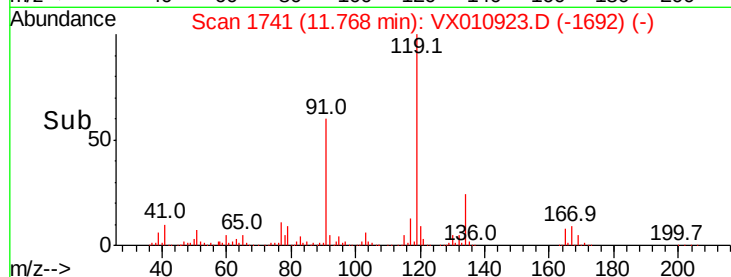
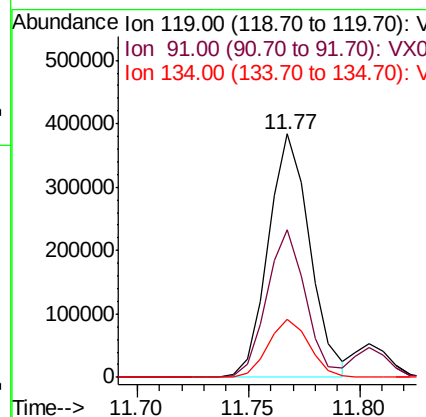
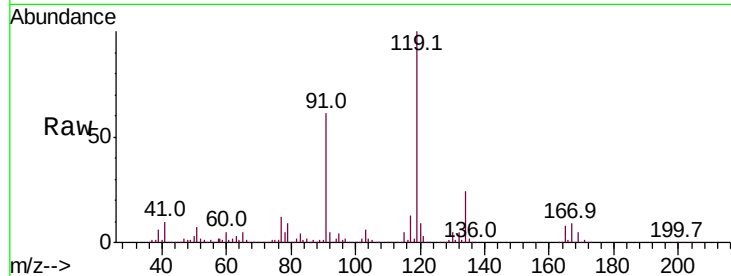
#83
 tert-Butylbenzene
 Concen: 51.743 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	28.6	85.8
134	23.4	11.6	34.8

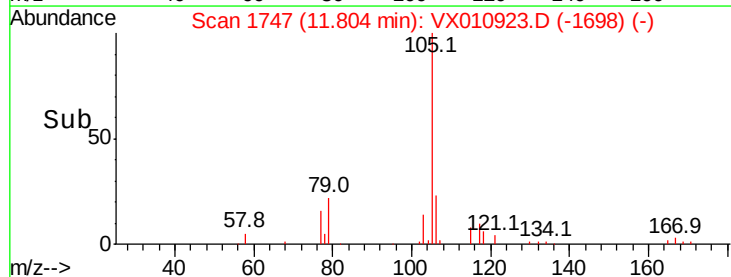
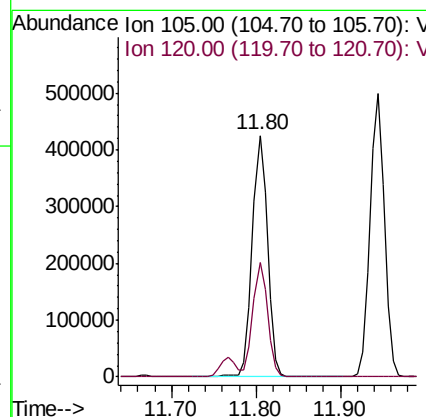
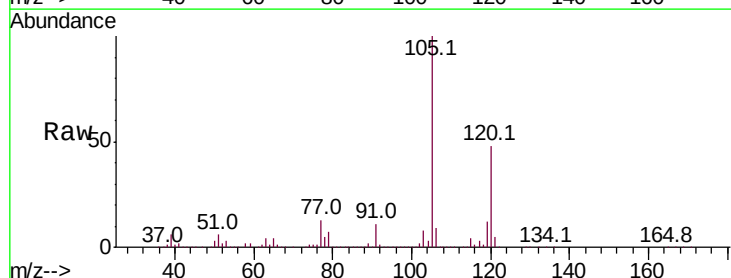
Manual Integrations
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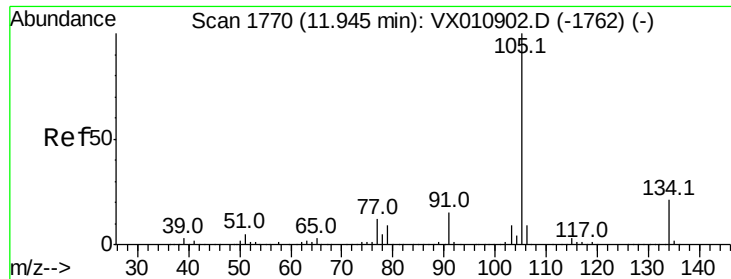
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.877 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.9	68.5





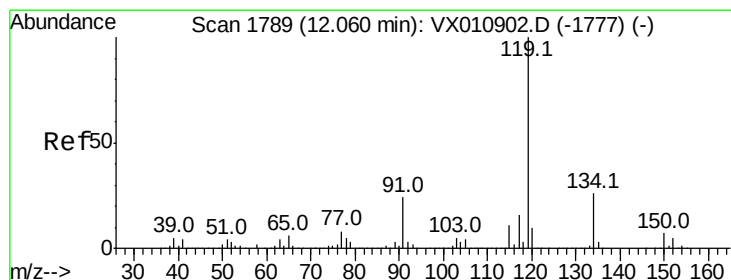
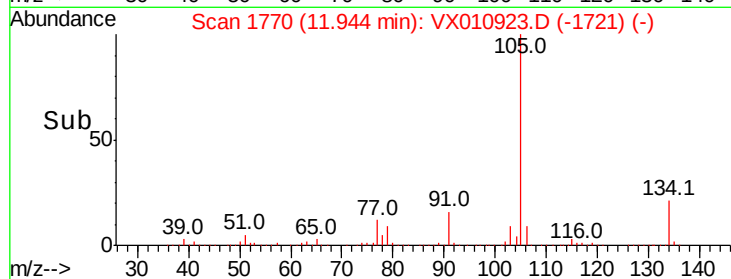
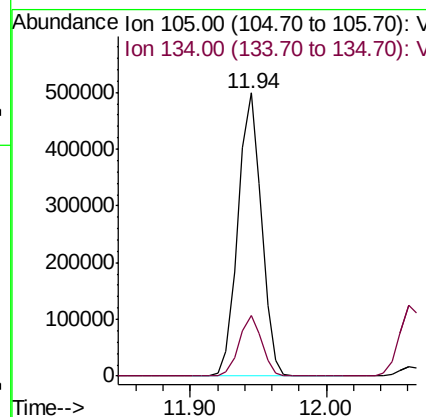
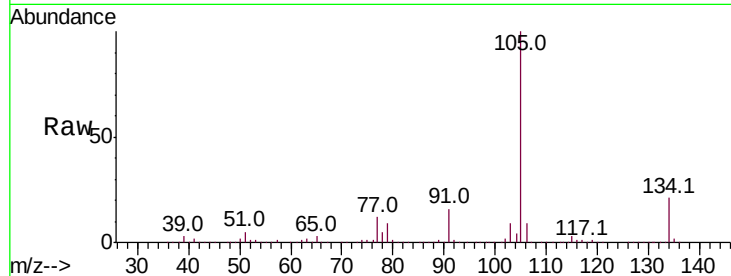
#85
 sec-Butylbenzene
 Concen: 53.073 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion:105 Resp: 596641
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.4

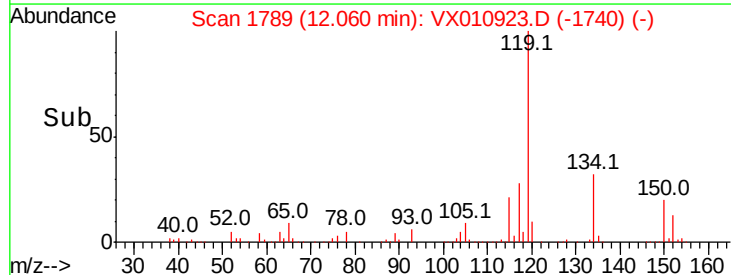
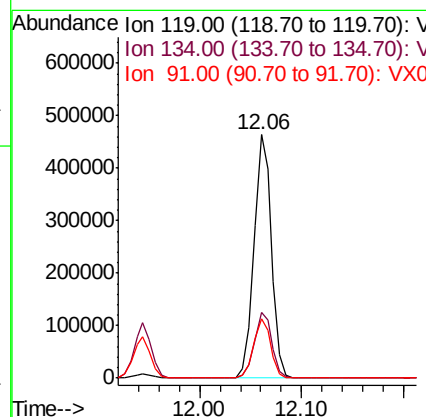
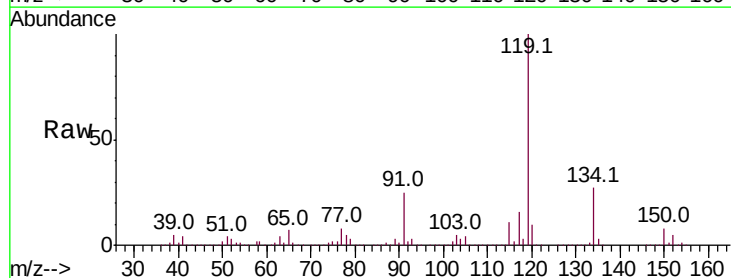
Manual Integrations
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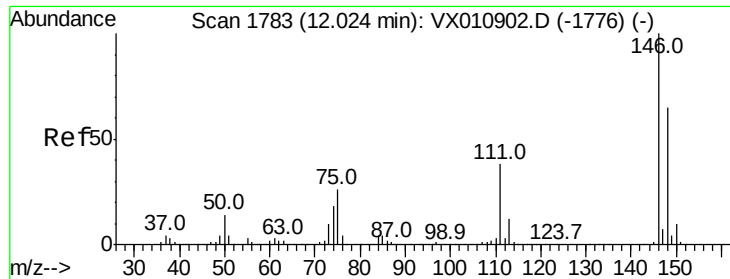
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 53.268 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Tgt Ion:119 Resp: 553623
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 24.0 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 51.973 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Instrument :

MSVOA_X

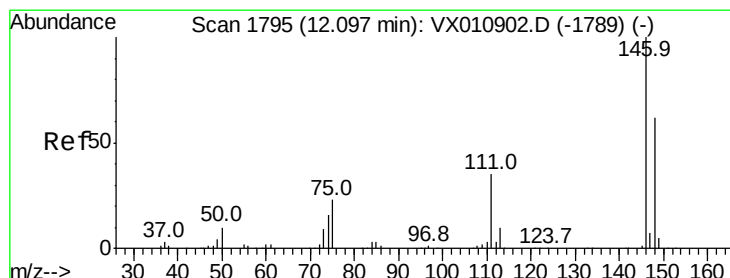
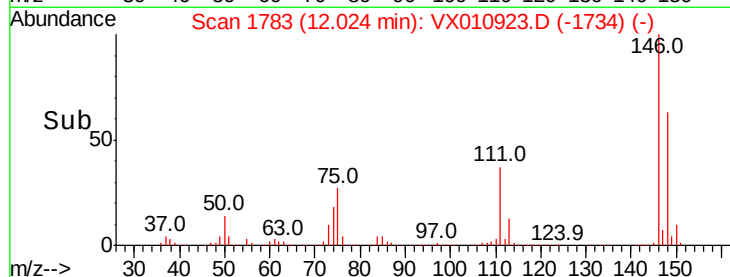
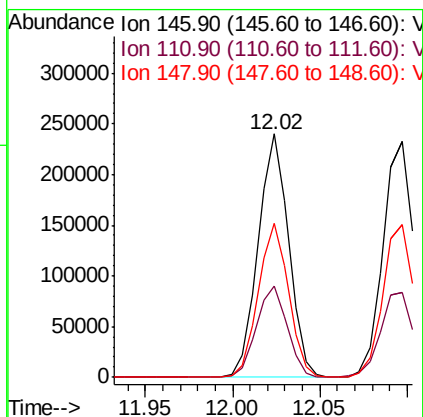
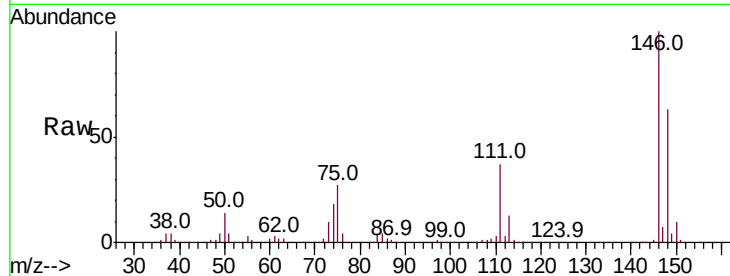
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	290816
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.9	56.9
148	62.9	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.878 ug/l

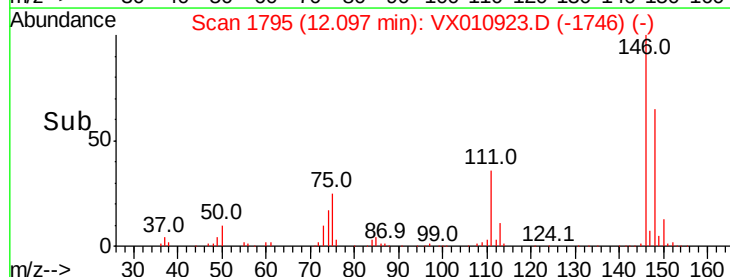
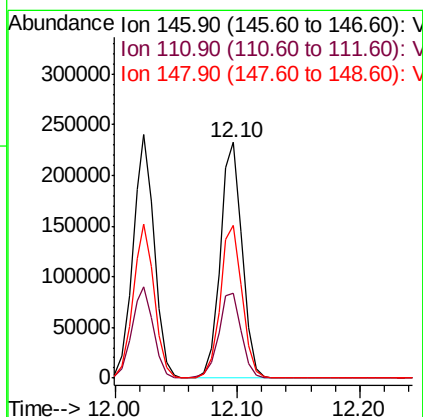
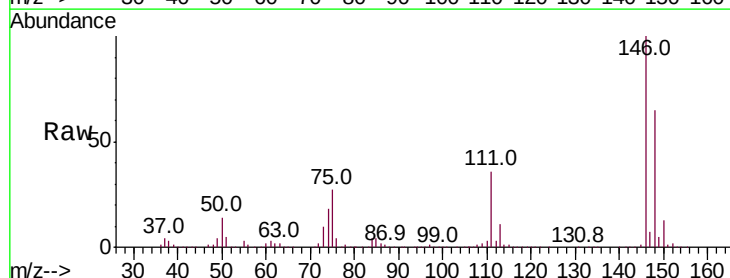
RT: 12.10 min Scan# 1795

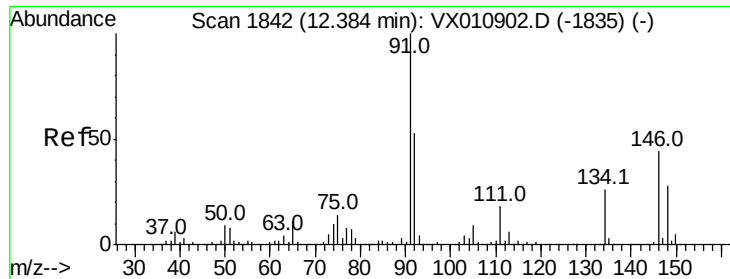
Delta R.T. -0.00 min

Lab File: VX010923.D

Acq: 17 Jul 2019 09:47

Tgt Ion:	146	Resp:	286241
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.6	55.8
148	65.3	31.6	94.7





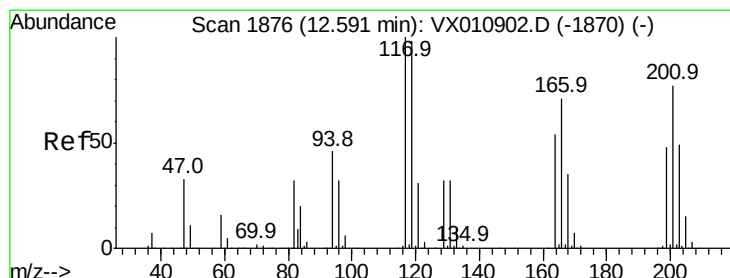
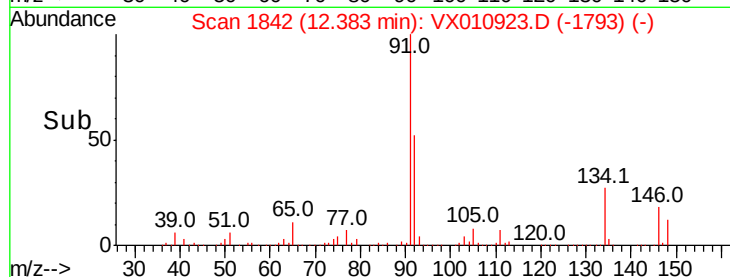
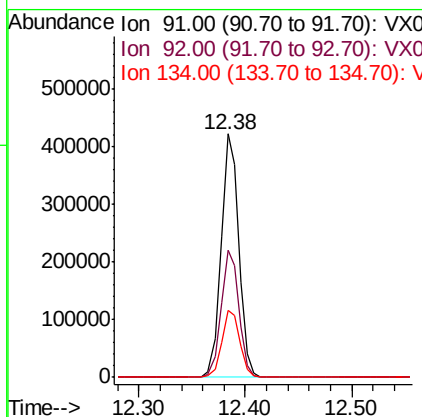
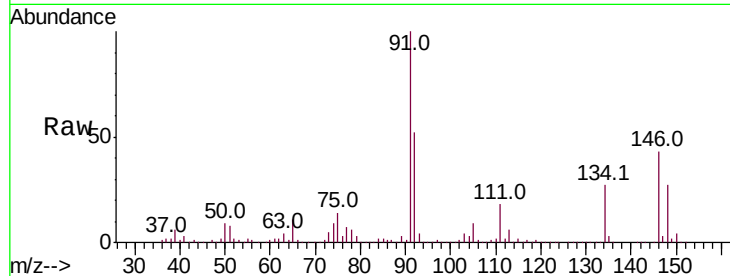
#89
n-Butylbenzene
Concen: 54.790 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.5
134	27.9	13.8	41.3

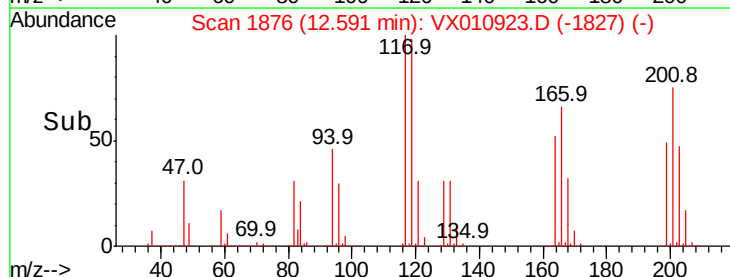
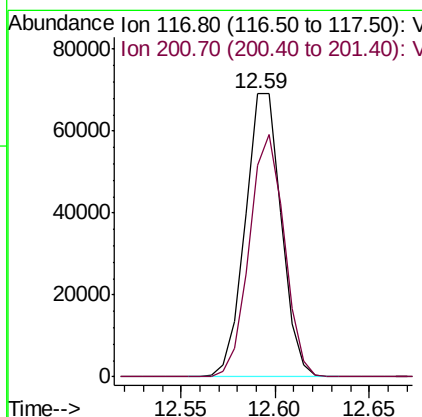
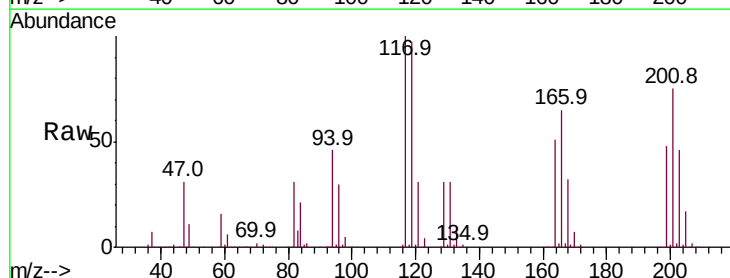
Manual Integrations
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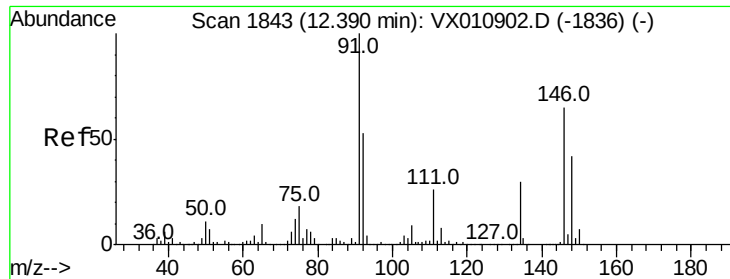
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#90
Hexachloroethane
Concen: 56.092 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.0	43.3	129.8





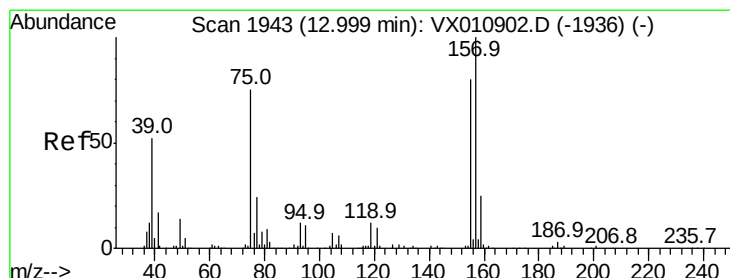
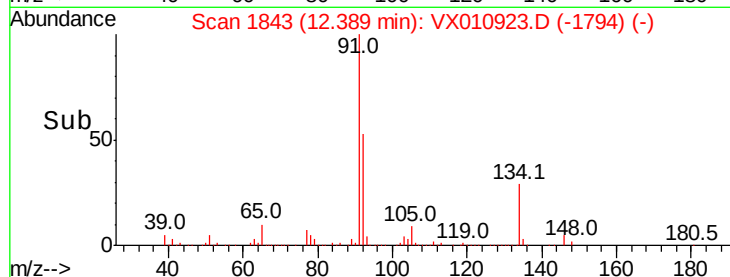
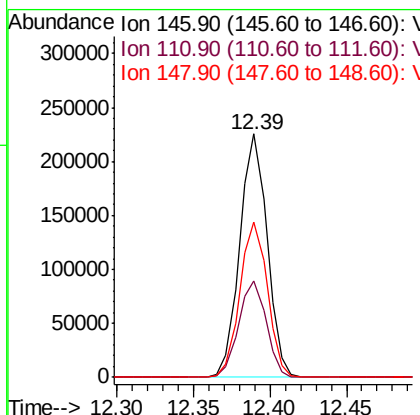
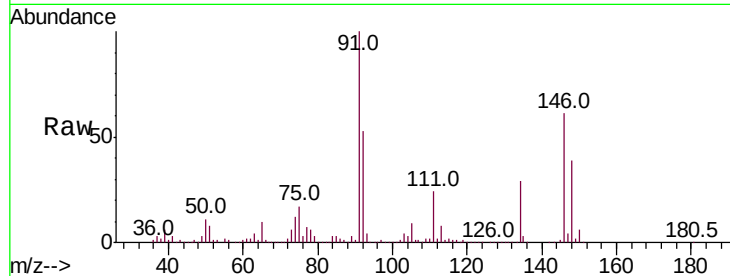
#91
 1,2-Dichlorobenzene
 Concen: 50.594 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	64.0	32.0	96.2

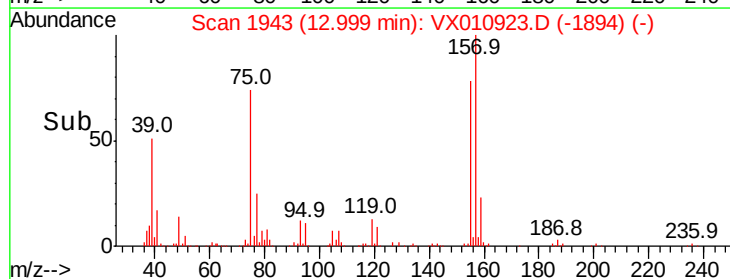
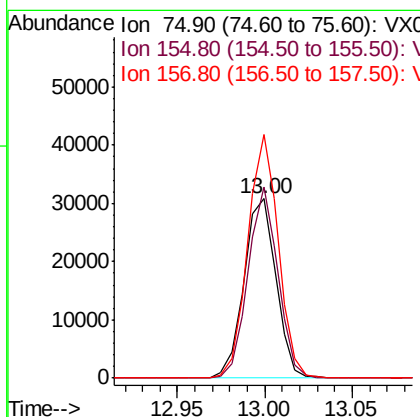
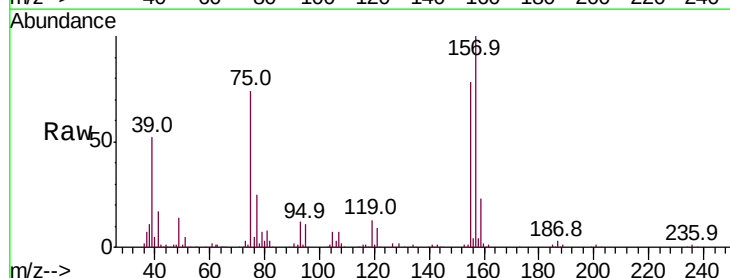
Manual Integrations
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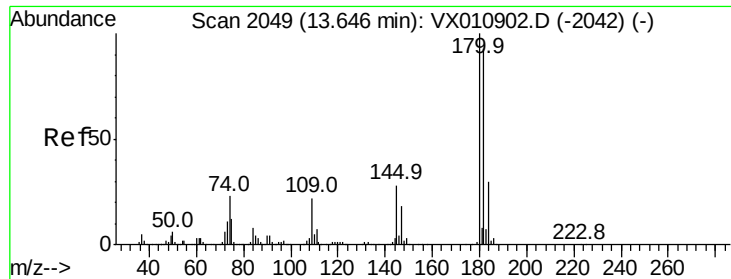
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.306 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010923.D
 Acq: 17 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.9	48.7	146.1
157	128.9	62.5	187.6





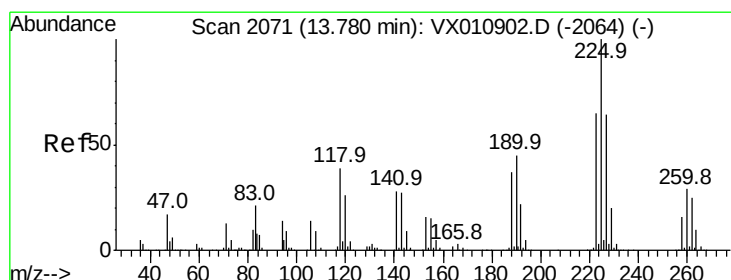
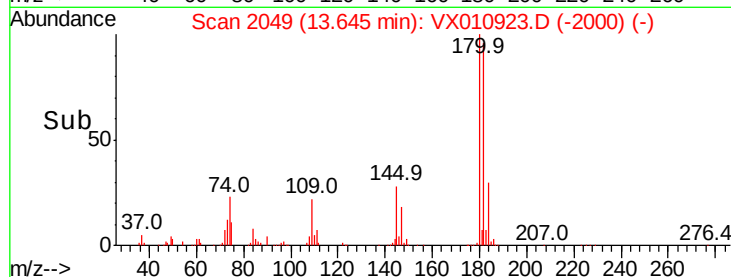
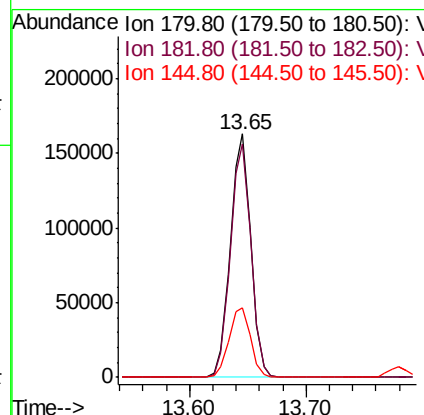
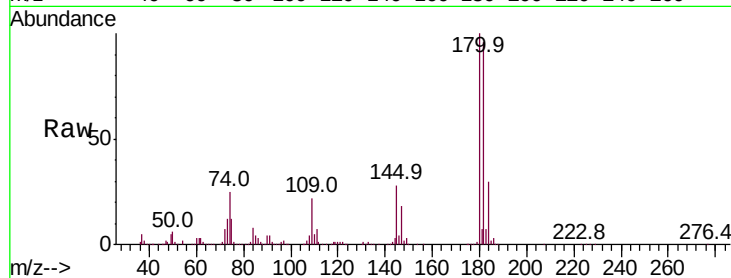
#93
1,2,4-Trichlorobenzene
Concen: 52.397 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	196925		
182	96.7	47.1	141.3	
145	30.0	14.8	44.4	

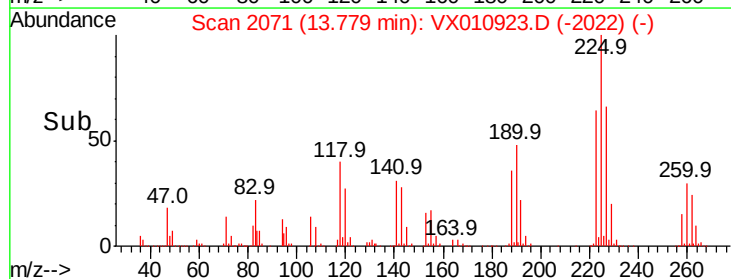
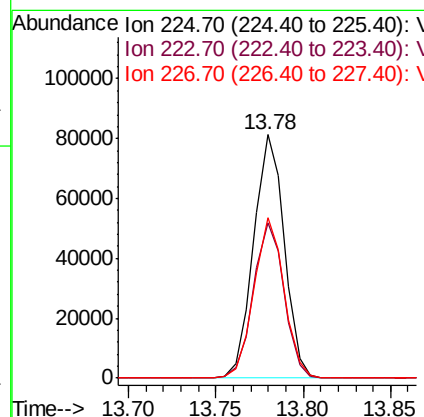
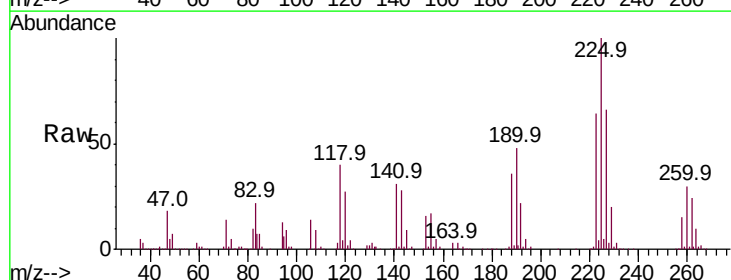
Manual Integrations
APPROVED

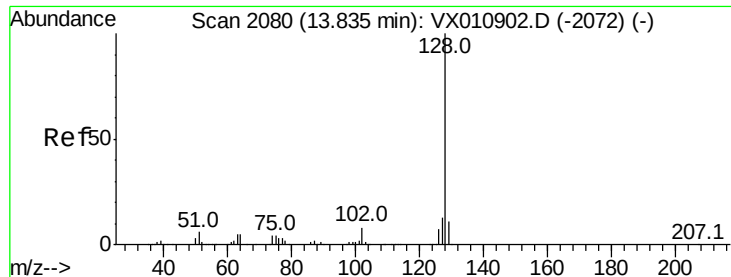
MMDadoda
7/22/2019 10:58:03 AM



#94
Hexachlorobutadiene
Concen: 53.338 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	99340		
223	63.5	31.9	95.9	
227	64.3	32.5	97.4	





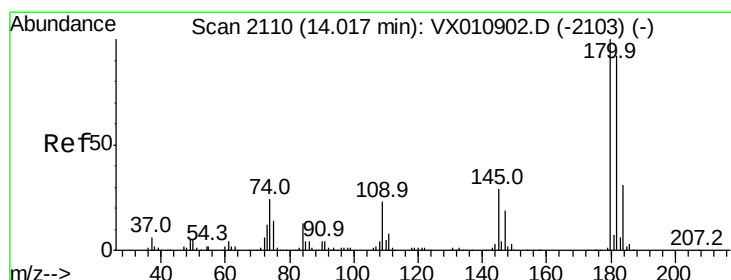
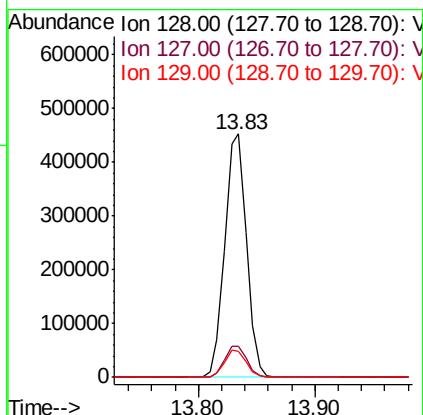
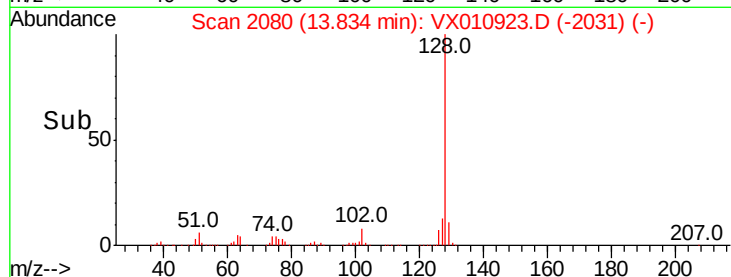
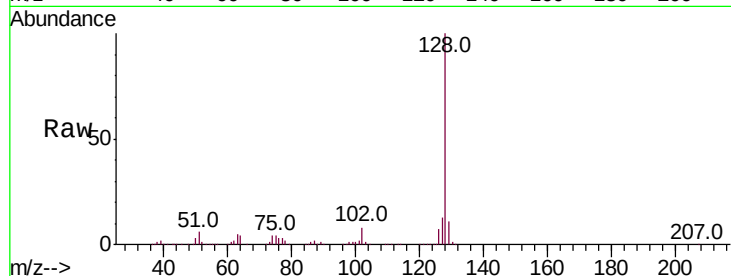
#95
Naphthalene
Concen: 52.588 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/22/2019 10:58:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.064 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010923.D
Acq: 17 Jul 2019 09:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.3
145	31.0	15.1	45.3

