

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX010991.D
 Acq On : 19 Jul 2019 10:20
 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 5:04:48 PM

Quant Time: Jul 20 01:16:13 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	247135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	359386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179619	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	129996	49.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.88%	
35) Dibromofluoromethane	5.49	113	116484	51.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.12%	
50) Toluene-d8	8.71	98	438494	51.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.13	95	171263	54.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	134342	50.968	ug/l	99
3) Chloromethane	1.32	50	108023	47.532	ug/l	99
4) Vinyl Chloride	1.41	62	117538	50.705	ug/l	99
5) Bromomethane	1.64	94	52657	40.310	ug/l	98
6) Chloroethane	1.71	64	68899	46.771	ug/l	98
7) Trichlorofluoromethane	1.93	101	202858	51.697	ug/l	98
8) Diethyl Ether	2.19	74	66070	48.869	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117809	52.582	ug/l	98
10) Methyl Iodide	2.51	142	115820	39.393	ug/l	100
11) Tert butyl alcohol	3.04	59	134830	220.202	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112218	50.978	ug/l	97
13) Acrolein	2.29	56	79773	225.496	ug/l	97
14) Allyl chloride	2.73	41	163443	51.116	ug/l	100
15) Acrylonitrile	3.14	53	296115	239.329	ug/l	99
16) Acetone	2.44	43	317499	267.380	ug/l	98
17) Carbon Disulfide	2.57	76	278367	49.298	ug/l	100
18) Methyl Acetate	2.77	43	127893	47.300	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	358513	50.592	ug/l	100
20) Methylene Chloride	2.85	84	122405	48.642	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	115841	49.596	ug/l	94
22) Diisopropyl ether	3.85	45	340049	50.425	ug/l	93
23) Vinyl Acetate	3.81	43	1497406	262.065	ug/l	100
24) 1,1-Dichloroethane	3.70	63	192113	49.053	ug/l	99
25) 2-Butanone	4.67	43	435284	255.364	ug/l	100
26) 2,2-Dichloropropane	4.58	77	171698	53.394	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	133806	49.500	ug/l	99
28) Bromochloromethane	5.01	49	95496	51.744	ug/l	99
29) Tetrahydrofuran	5.12	42	260537	241.296	ug/l	99
30) Chloroform	5.20	83	212495	50.197	ug/l	99
31) Cyclohexane	5.57	56	182178	51.034	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	189013	51.609	ug/l	99
36) 1,1-Dichloropropene	5.79	75	157027	53.193	ug/l	99
37) Ethyl Acetate	4.82	43	157410	52.075	ug/l	100
38) Carbon Tetrachloride	5.78	117	168994	54.937	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	206458	53.931	ug/l	99
40) Benzene	6.14	78	462358	51.131	ug/l	99
41) Methacrylonitrile	5.04	41	85213	49.659	ug/l	98
42) 1,2-Dichloroethane	6.19	62	164078	52.186	ug/l	99
43) Isopropyl Acetate	6.44	43	257186	51.744	ug/l	99
44) Trichloroethene	7.21	130	136100	50.847	ug/l	95
45) 1,2-Dichloropropane	7.51	63	118350	51.422	ug/l	98
46) Dibromomethane	7.66	93	85831	52.190	ug/l	99
47) Bromodichloromethane	7.89	83	162035	55.349	ug/l	99
48) Methyl methacrylate	7.76	41	126002	52.038	ug/l	99
49) 1,4-Dioxane	7.74	88	64783	956.488	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	840099	260.739	ug/l	100
52) Toluene	8.78	92	307627	51.786	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	180331	57.287	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	192313	54.904	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	127353	52.067	ug/l	97
56) Ethyl methacrylate	9.18	69	196257	54.854	ug/l	99
57) 1,3-Dichloropropane	9.37	76	202048	52.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	387027	226.608	ug/l	99
59) 2-Hexanone	9.49	43	666141	266.560	ug/l	100
60) Dibromochloromethane	9.58	129	141303	50.187	ug/l	99
61) 1,2-Dibromoethane	9.67	107	137784	53.080	ug/l	100
64) Tetrachloroethene	9.34	164	136584	52.062	ug/l	98
65) Chlorobenzene	10.13	112	346357	50.566	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	130927	54.387	ug/l	100
67) Ethyl Benzene	10.25	91	619197	53.110	ug/l	99
68) m/p-Xylenes	10.35	106	474290	106.053	ug/l	100
69) o-Xylene	10.69	106	230128	52.725	ug/l	100
70) Styrene	10.71	104	394610	54.235	ug/l	99
71) Bromoform	10.85	173	109875	50.121	ug/l #	100
73) Isopropylbenzene	11.02	105	637187	52.500	ug/l	99
74) N-amyl acetate	10.90	43	241768	52.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	198655	50.016	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	167491m	51.674	ug/l	
77) Bromobenzene	11.25	156	168926	50.459	ug/l	98
78) n-propylbenzene	11.36	91	719250	53.634	ug/l	99
79) 2-Chlorotoluene	11.42	91	419058	52.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	536493	52.901	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62241	48.758	ug/l	98
82) 4-Chlorotoluene	11.51	91	494871	52.780	ug/l	99
83) tert-Butylbenzene	11.77	119	527144	52.918	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	542540	53.077	ug/l	100
85) sec-Butylbenzene	11.94	105	634263	54.339	ug/l	100
86) p-Isopropyltoluene	12.06	119	592370	54.895	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	305453	52.576	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	305041	51.194	ug/l	99
89) n-Butylbenzene	12.38	91	526284	57.007	ug/l	100
90) Hexachloroethane	12.59	117	94654	55.613	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	294231	51.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43781	52.733	ug/l	96

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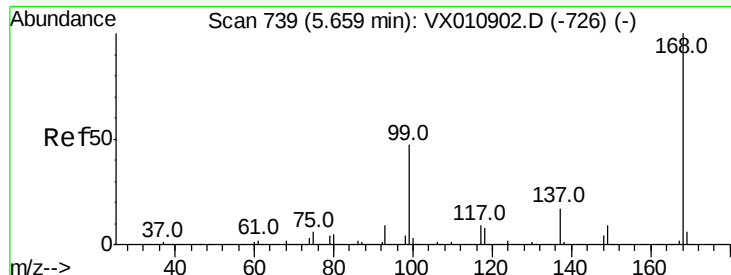
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	213841	54.800	ug/l	99
94) Hexachlorobutadiene	13.78	225	106104	54.870	ug/l	99
95) Naphthalene	13.83	128	617360	53.577	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	210128	54.120	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: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 247135

Ion Ratio Lower Upper

168 100

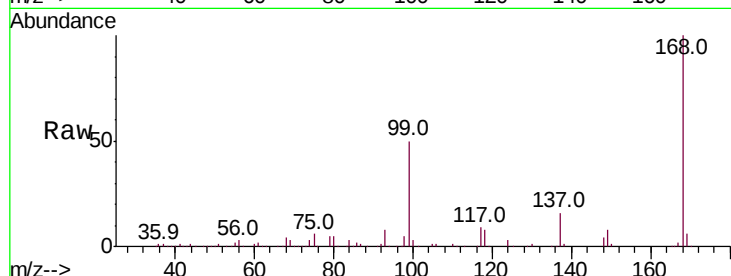
99 49.8 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

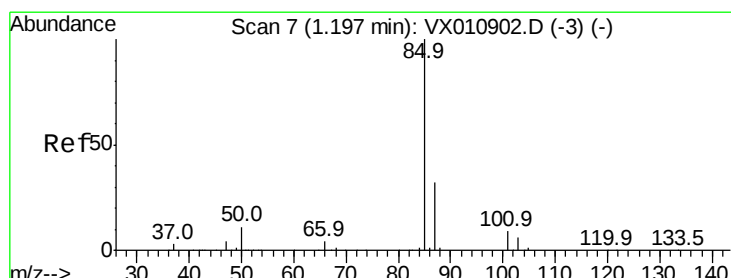
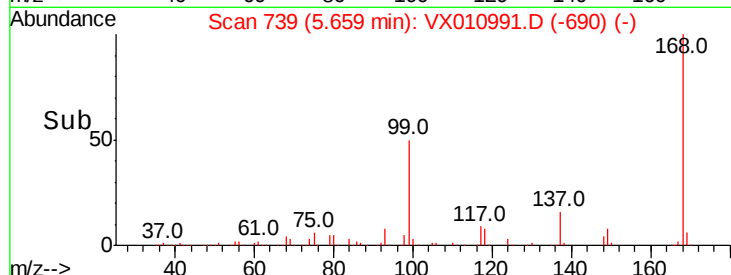
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.968 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010991.D

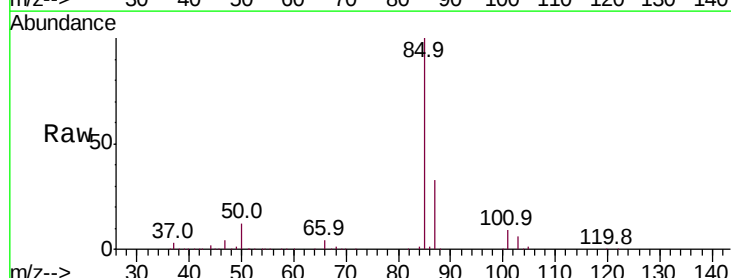
Acq: 19 Jul 2019 10:20

Tgt Ion: 85 Resp: 134342

Ion Ratio Lower Upper

85 100

87 32.6 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

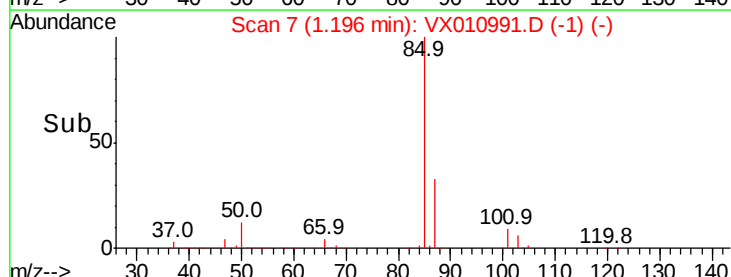
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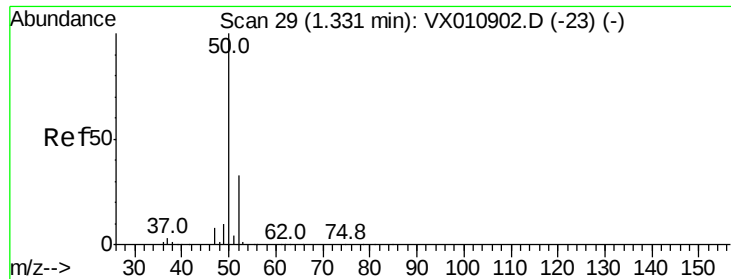
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50000

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Time-->





#3

Chloromethane

Concen: 47.532 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 108023

Ion Ratio Lower Upper

50 100

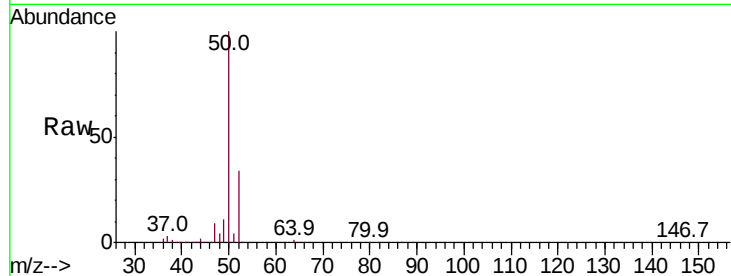
52 33.6 26.4 39.6

Manual Integrations

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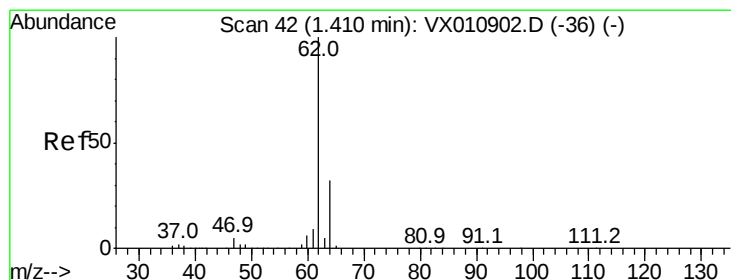
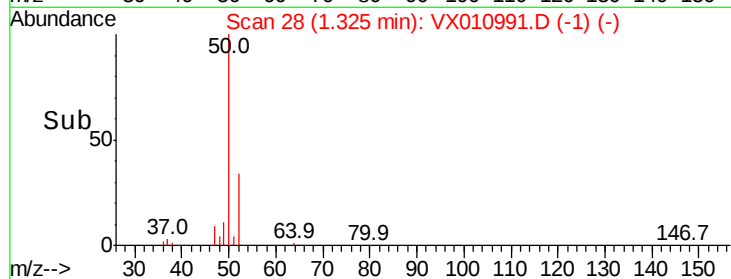
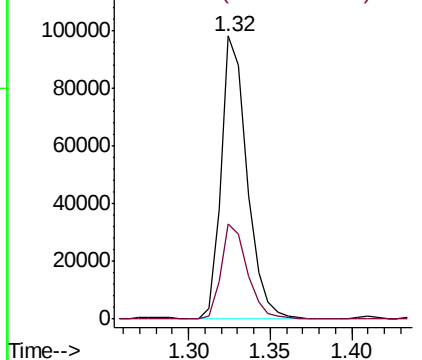
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.705 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010991.D

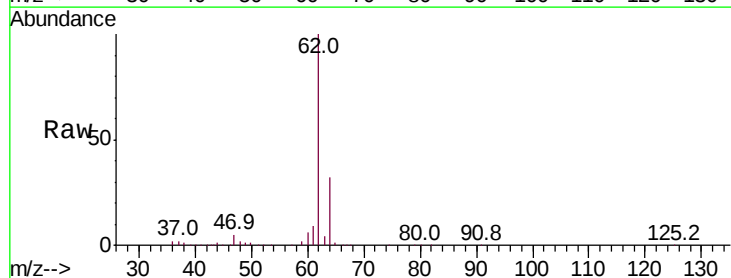
Acq: 19 Jul 2019 10:20

Tgt Ion: 62 Resp: 117538

Ion Ratio Lower Upper

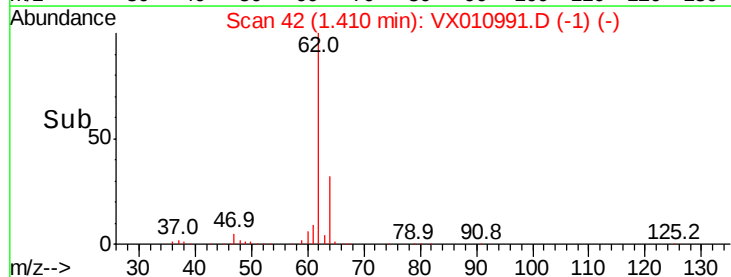
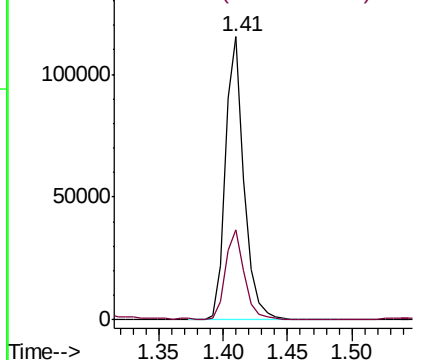
62 100

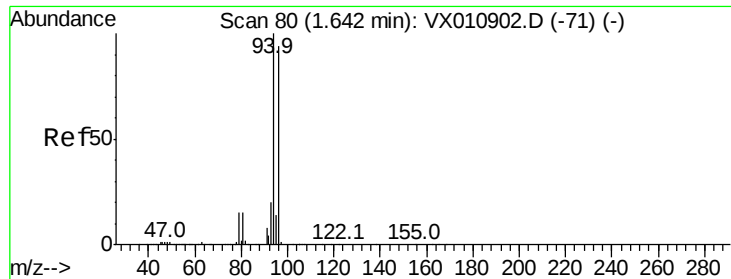
64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.310 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 52657

Ion Ratio Lower Upper

94 100

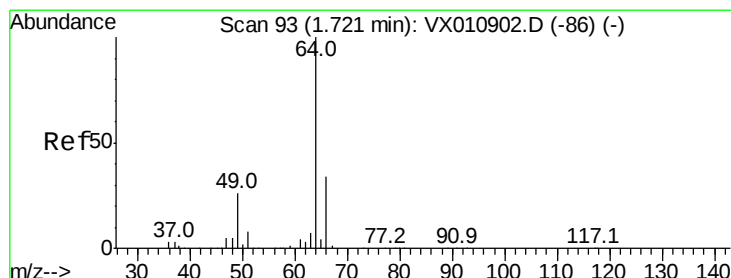
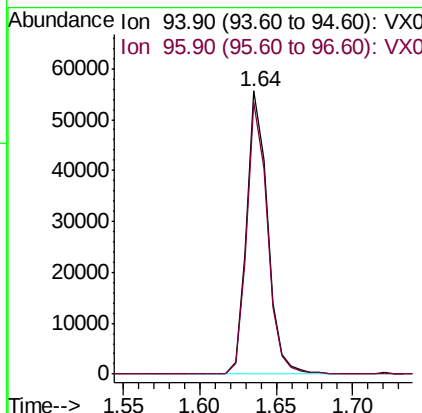
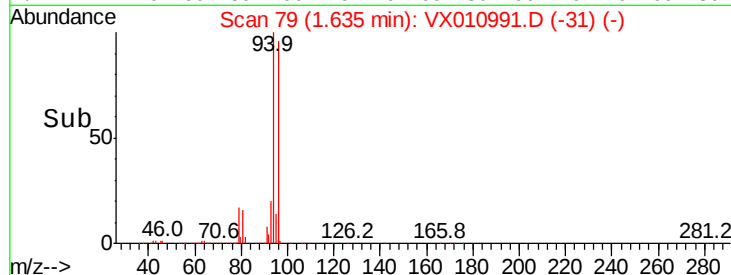
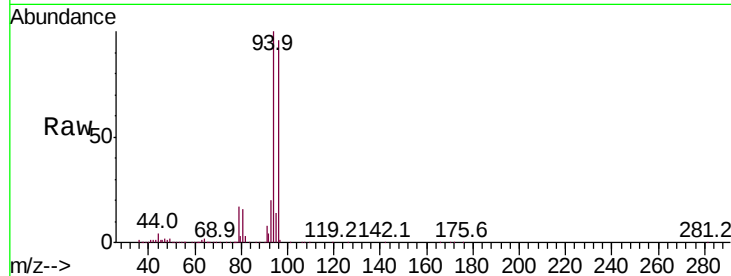
96 96.0 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 46.771 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010991.D

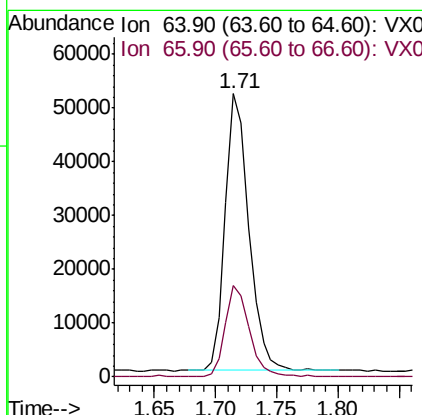
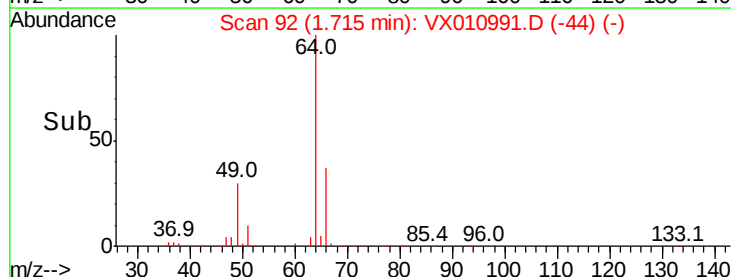
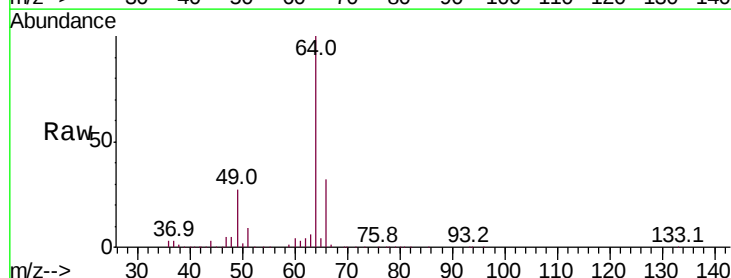
Acq: 19 Jul 2019 10:20

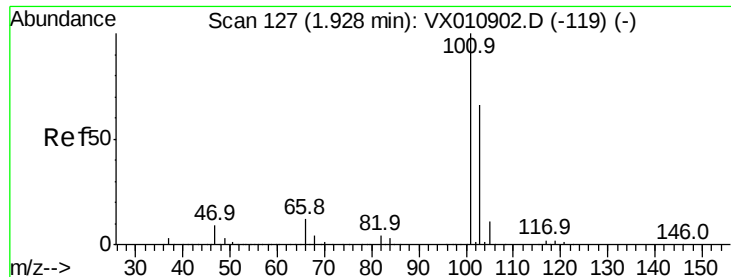
Tgt Ion: 64 Resp: 68899

Ion Ratio Lower Upper

64 100

66 32.9 27.0 40.6





#7

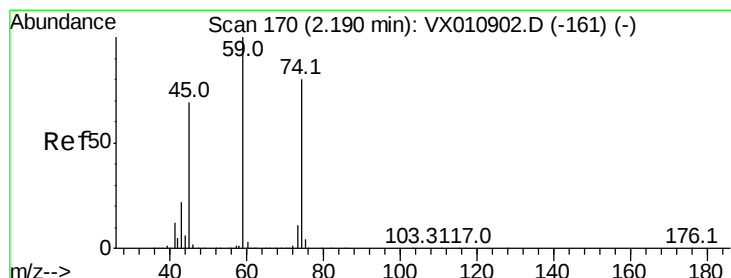
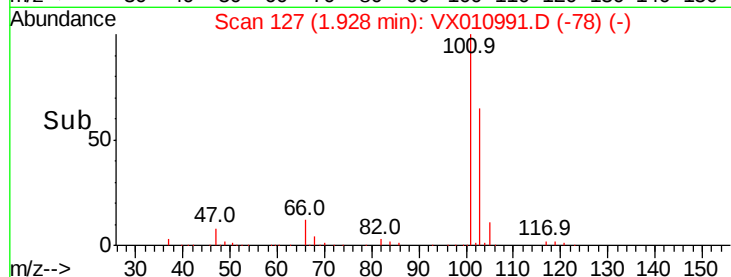
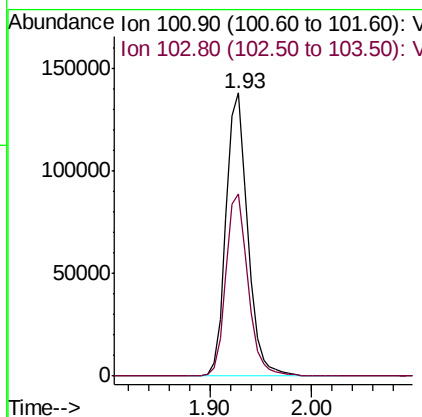
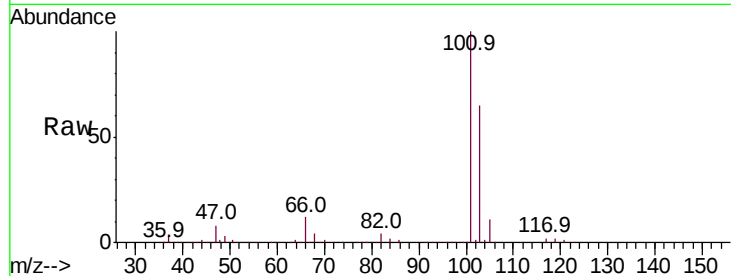
Trichlorofluoromethane
Concen: 51.697 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.6	78.8

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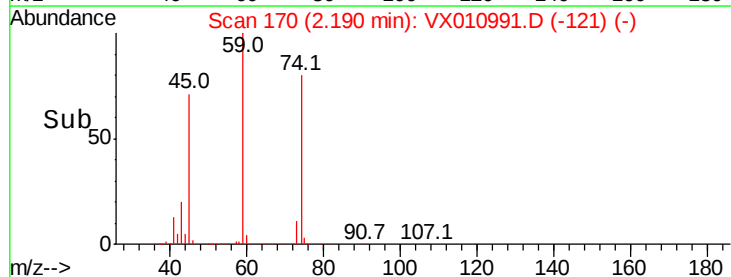
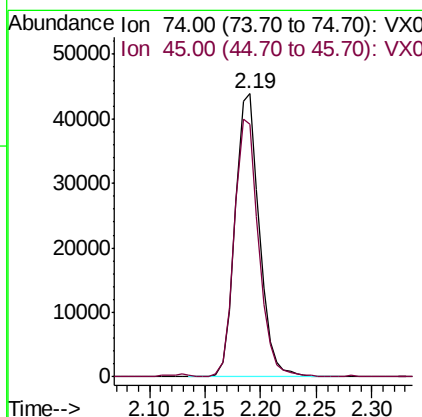
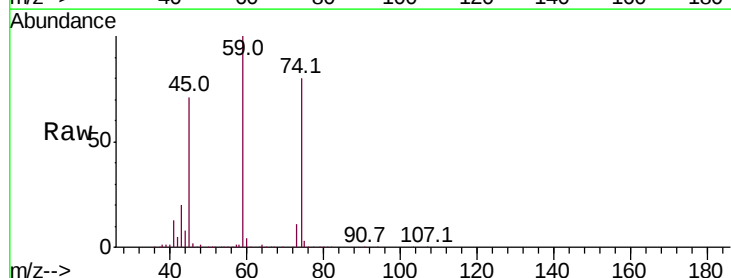
MMDadoda
7/22/2019 5:04:48 PM

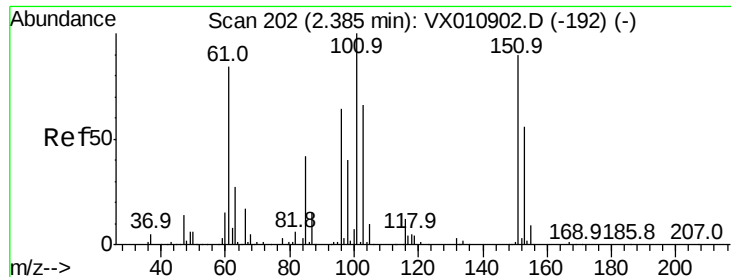


#8

Diethyl Ether
Concen: 48.869 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.5	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.582 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

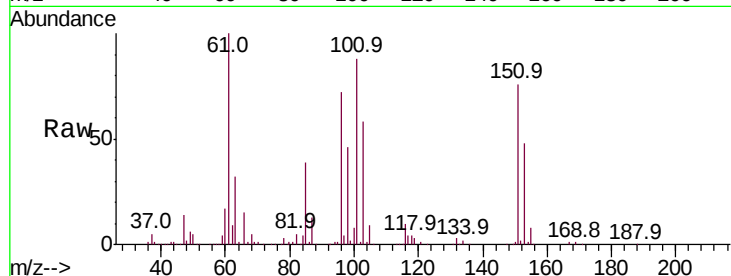
ClientSampleId :

VSTDCCC050

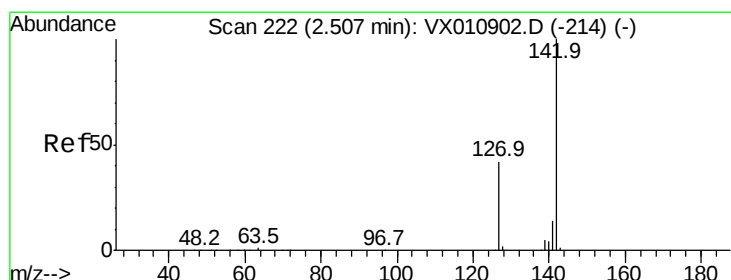
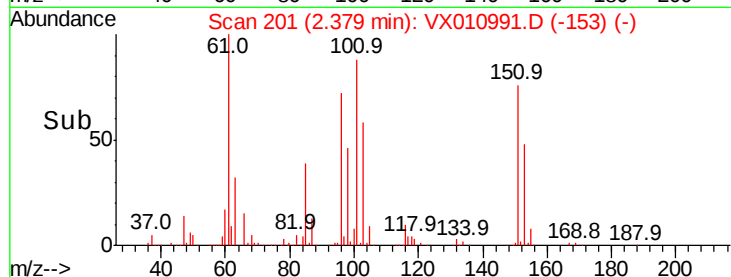
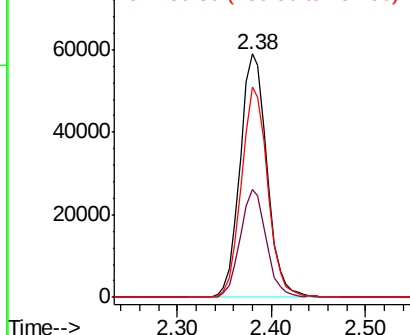
Tot Ion:	101	Resp:	117809
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.6	52.0
151	84.4	69.6	104.4

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.393 ug/l

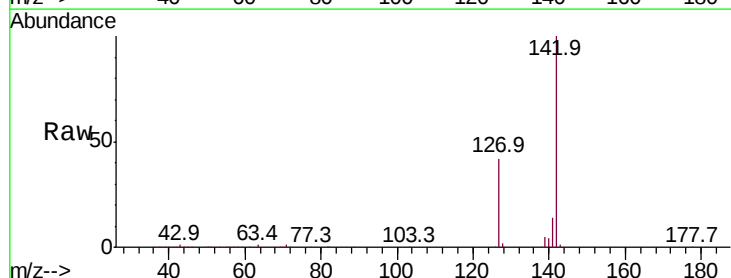
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

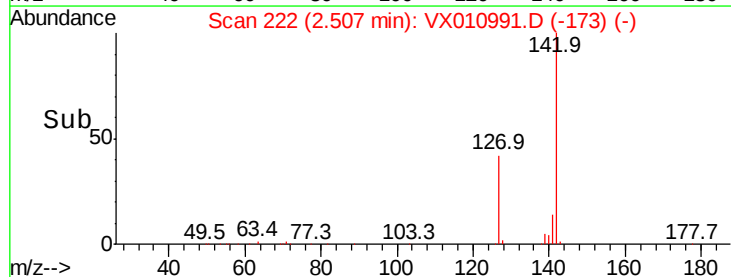
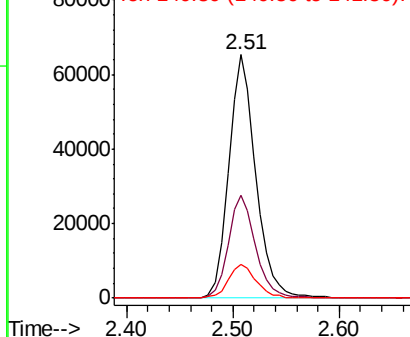
Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Tgt Ion:	142	Resp:	115820
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.2	51.4
141	14.3	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

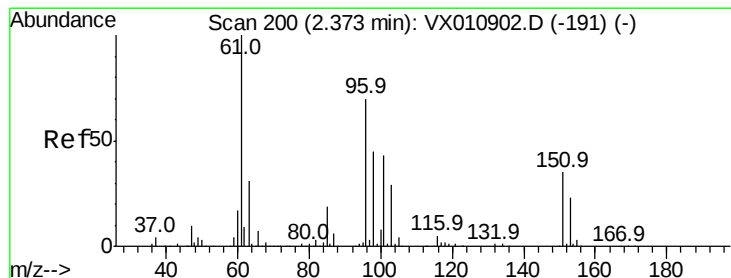
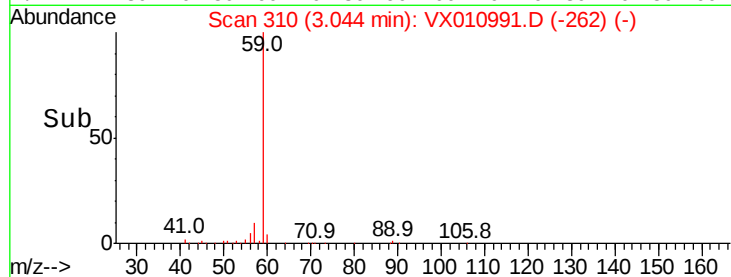
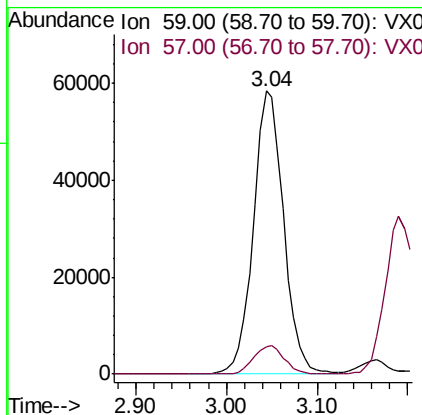
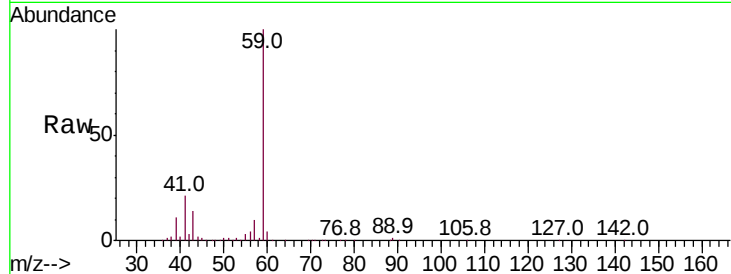
Tert butyl alcohol
Concen: 220.202 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.9	11.9

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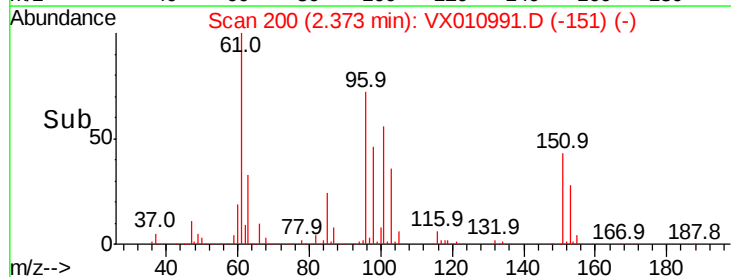
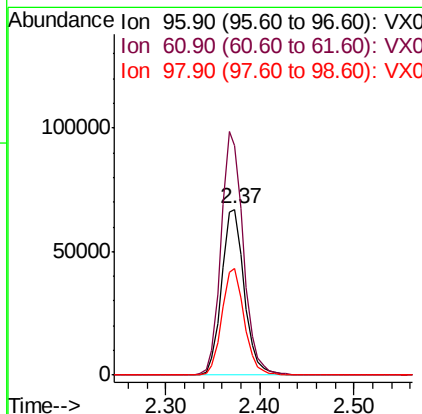
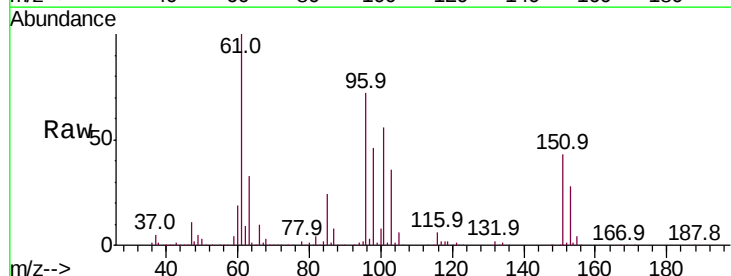
MMDadoda
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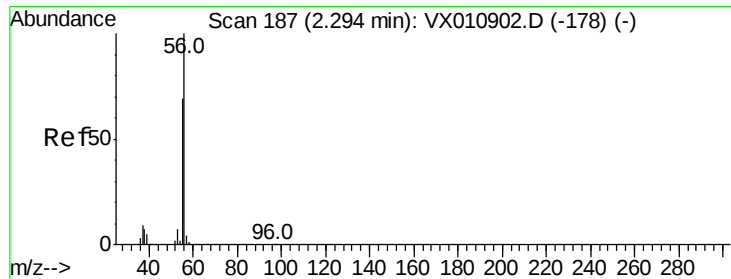


#12

1,1-Dichloroethene
Concen: 50.978 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.2	115.0	172.4
98	64.3	52.2	78.2





#13

Acrolein

Concen: 225.496 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 79773

Ion Ratio Lower Upper

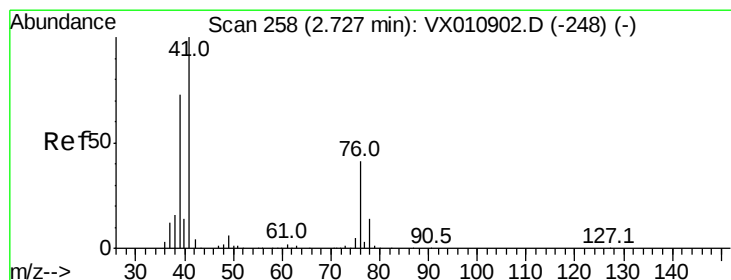
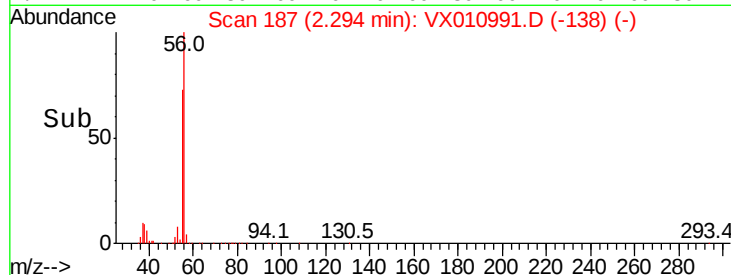
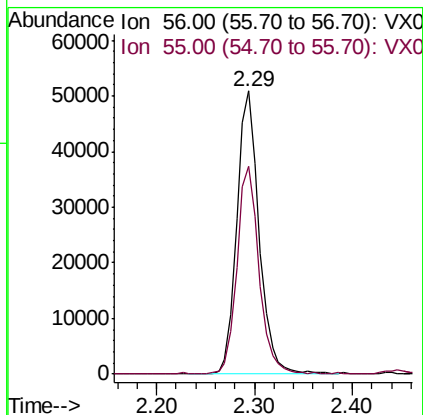
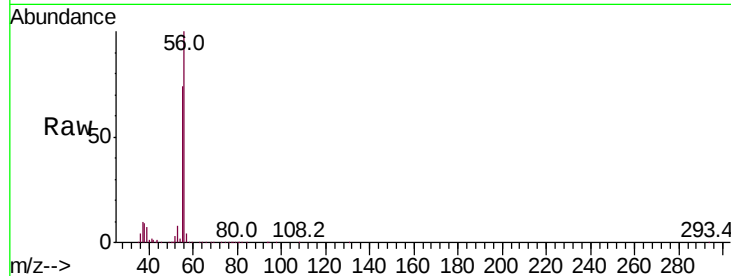
56 100

55 72.4 55.9 83.9

Manual Integrations
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#14

Allyl chloride

Concen: 51.116 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

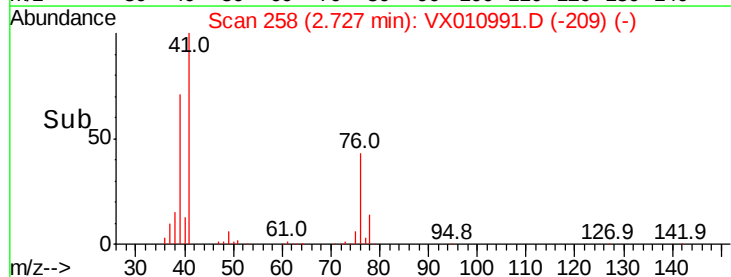
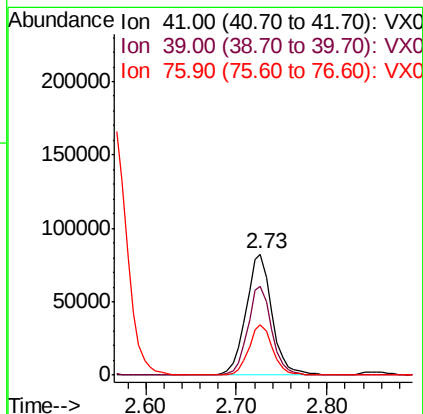
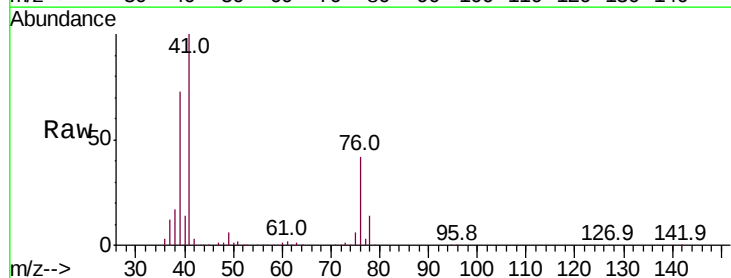
Tgt Ion: 41 Resp: 163443

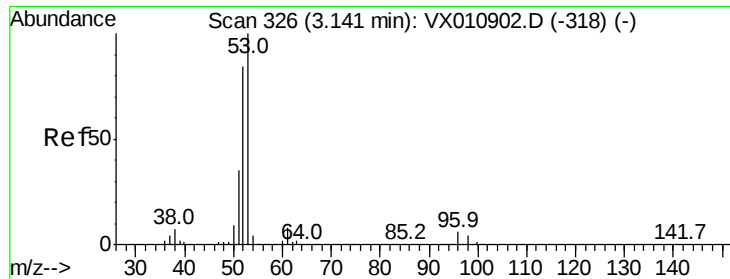
Ion Ratio Lower Upper

41 100

39 67.2 53.6 80.4

76 37.6 29.7 44.5





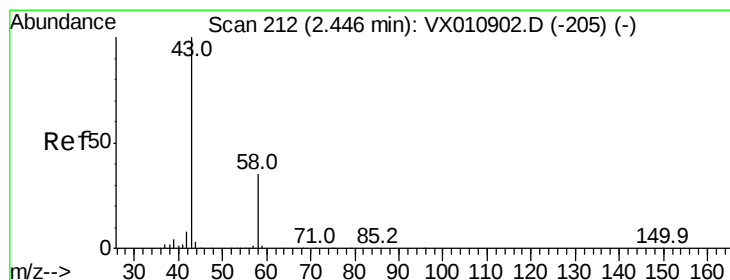
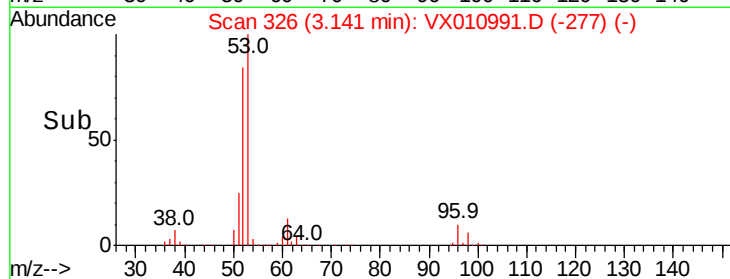
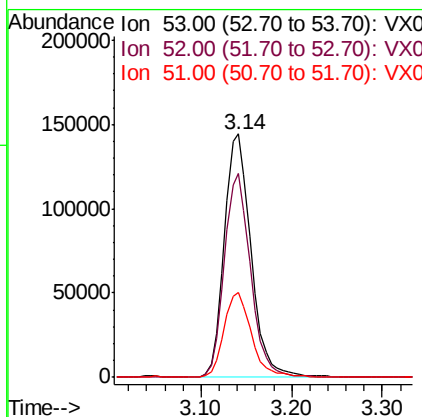
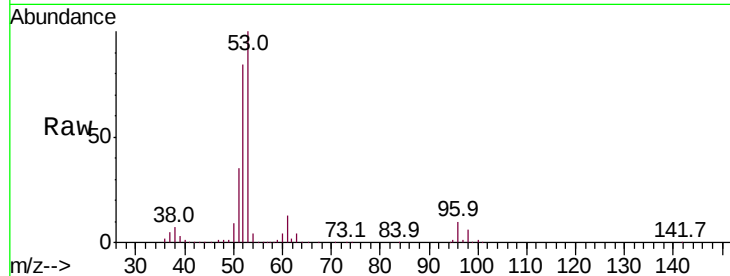
#15
 Acrylonitrile
 Concen: 239.329 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.5	99.7
51	35.9	28.2	42.4

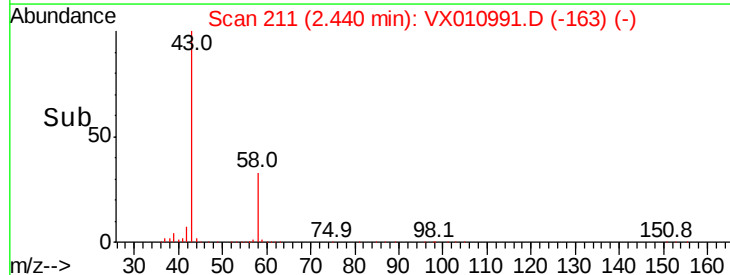
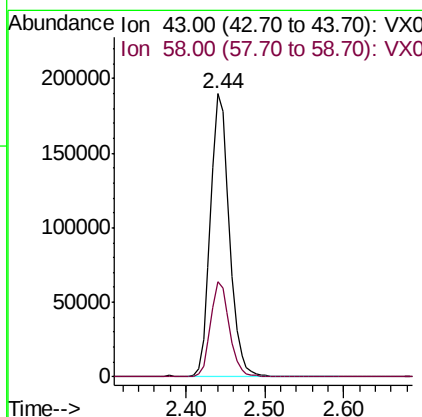
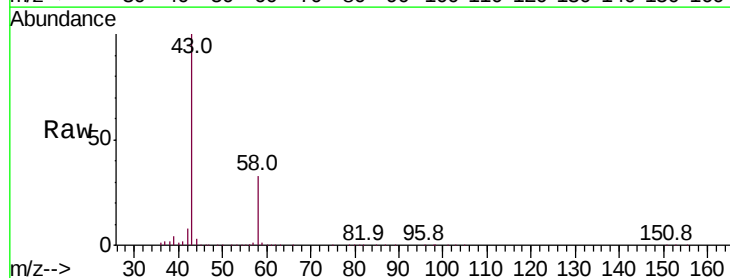
Manual Integrations
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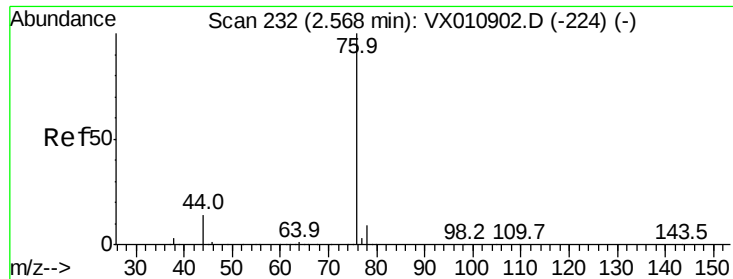
MMDadoda
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#16
 Acetone
 Concen: 267.380 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.7	41.5





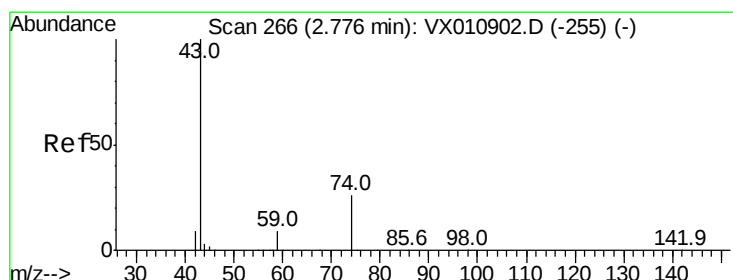
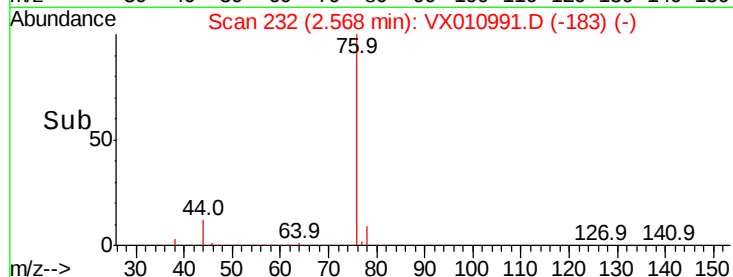
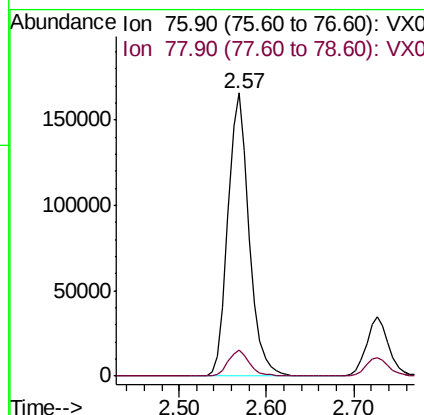
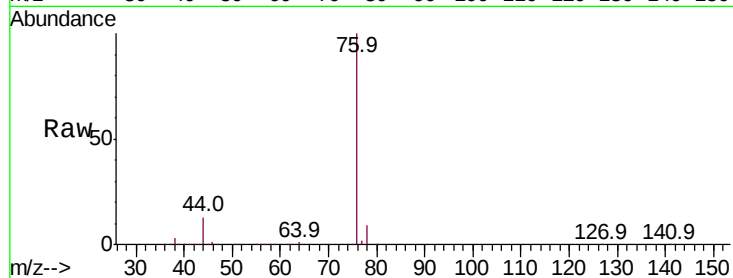
#17
Carbon Disulfide
Concen: 49.298 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

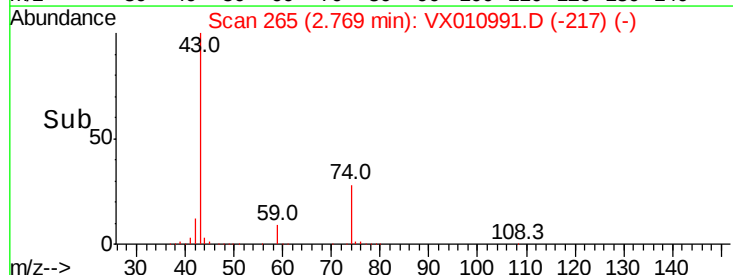
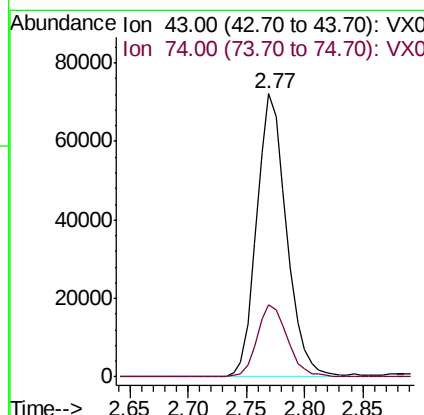
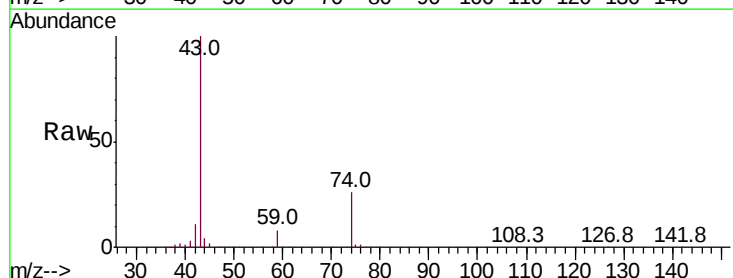
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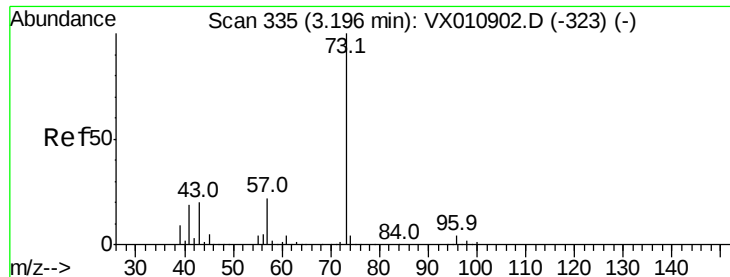
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#18
Methyl Acetate
Concen: 47.300 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	21.5	32.3





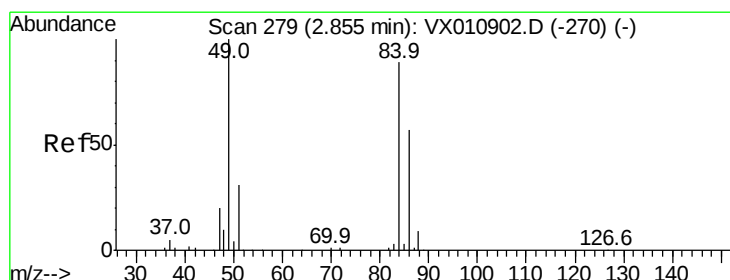
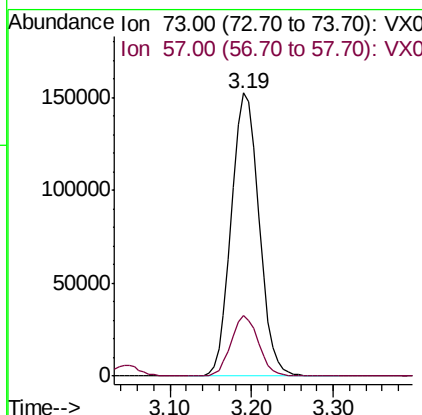
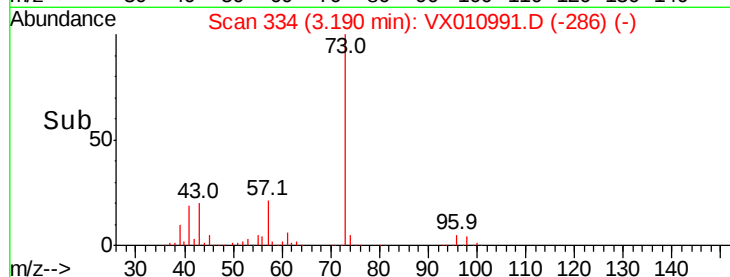
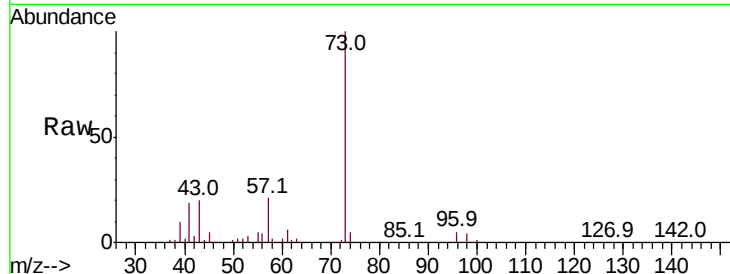
#19
Methyl tert-butyl Ether
Concen: 50.592 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 358513
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

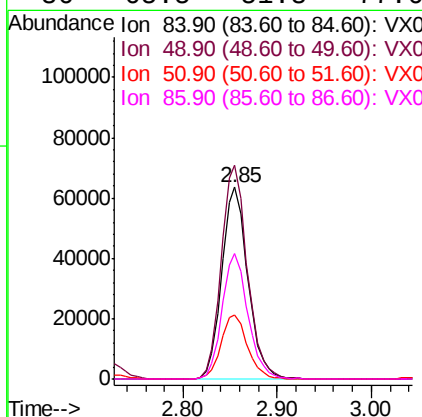
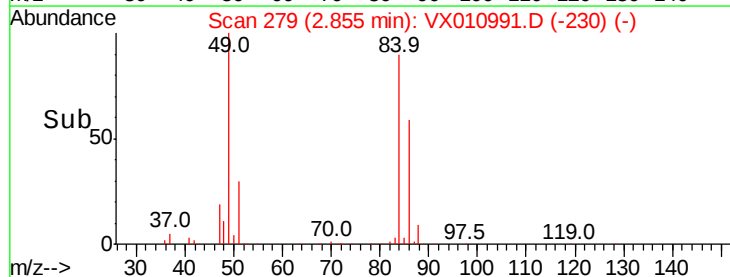
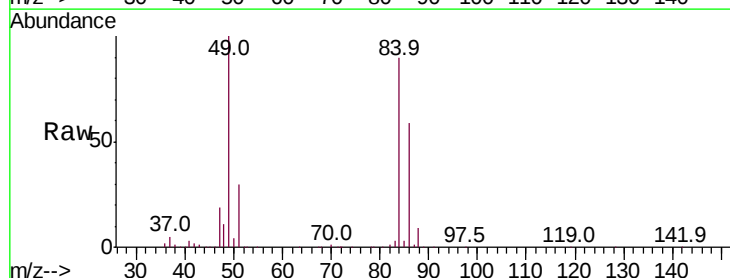
Manual Integrations
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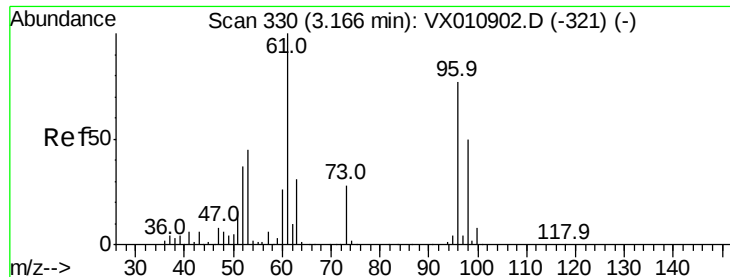
MMDadoda
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#20
Methylene Chloride
Concen: 48.642 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion: 84 Resp: 122405
Ion Ratio Lower Upper
84 100
49 111.3 89.9 134.9
51 33.5 27.8 41.6
86 65.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 49.596 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 96 Resp: 115841

Ion Ratio Lower Upper

96 100

61 121.0 104.2 156.2

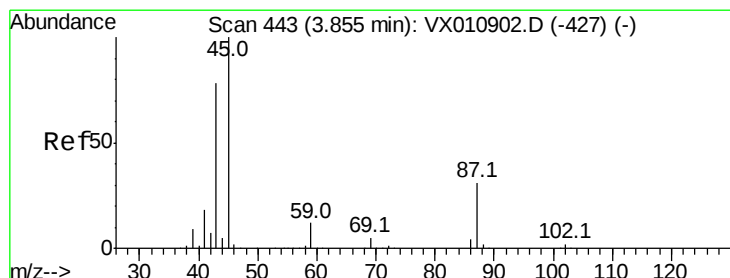
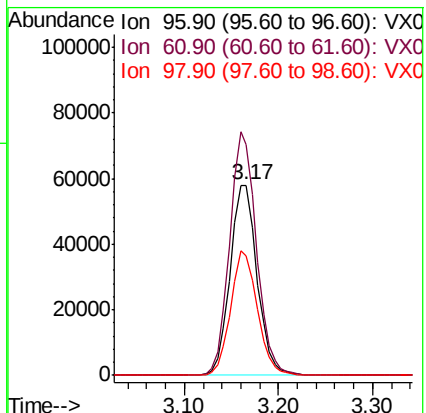
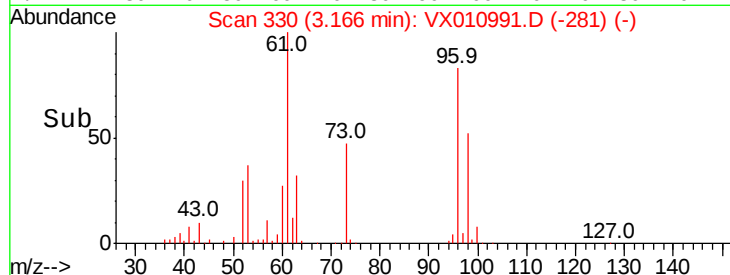
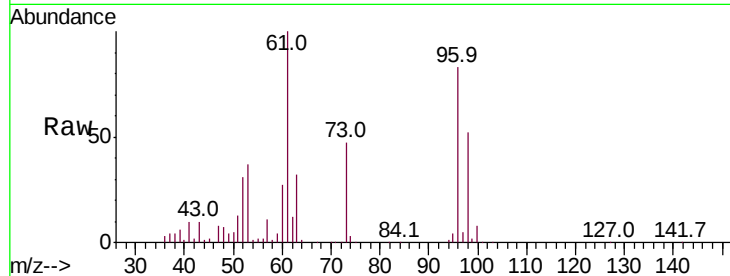
98 62.6 52.2 78.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 50.425 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Tgt Ion: 45 Resp: 340049

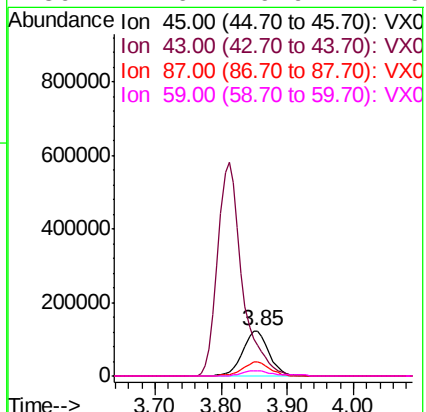
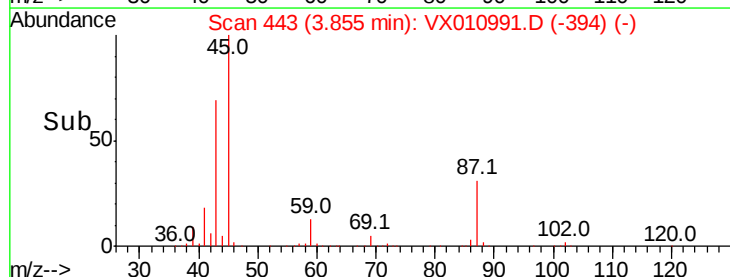
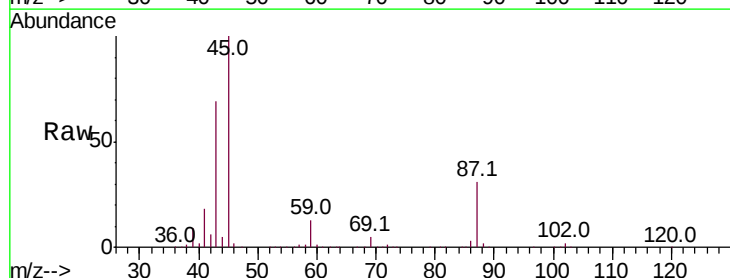
Ion Ratio Lower Upper

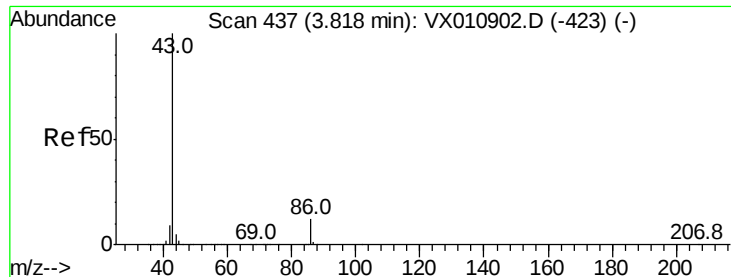
45 100

43 68.9 62.3 93.5

87 31.4 25.0 37.4

59 12.6 9.9 14.9





#23

Vinyl Acetate

Concen: 262.065 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1497406

Ion Ratio Lower Upper

43 100

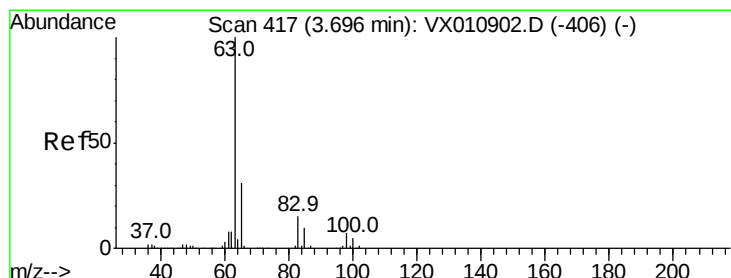
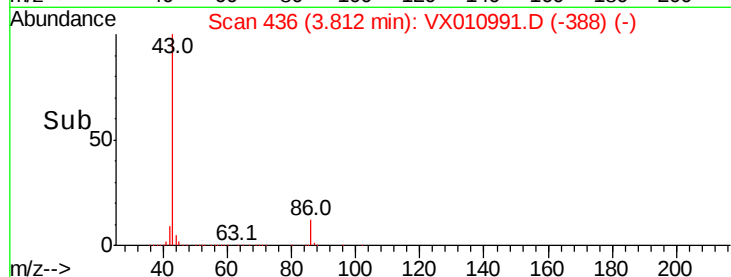
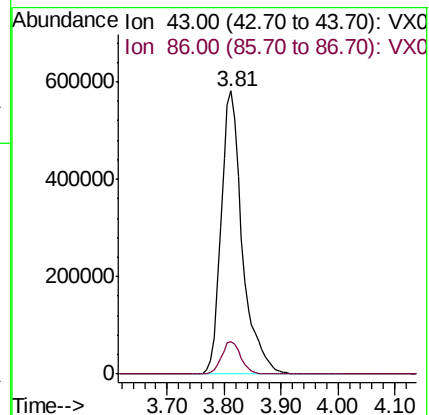
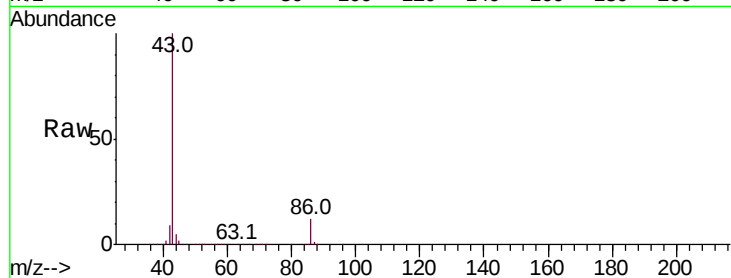
86 11.6 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.053 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

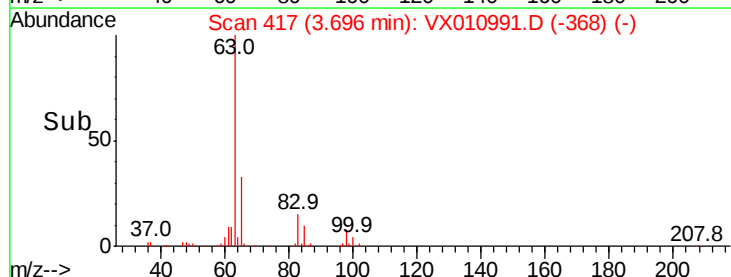
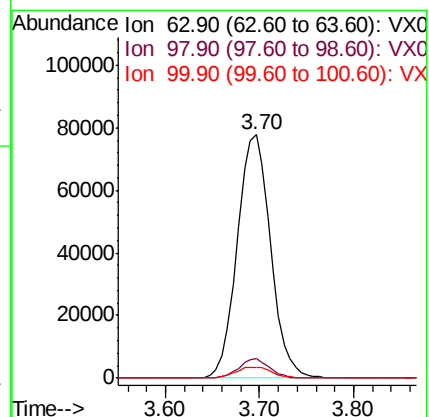
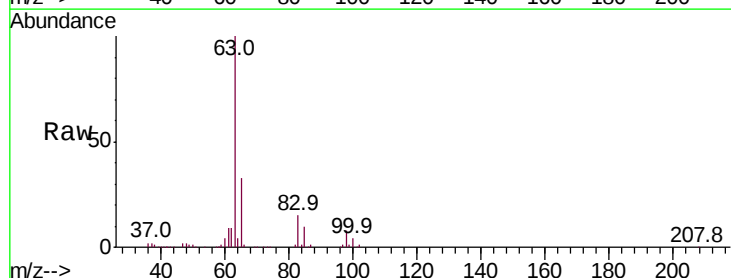
Tgt Ion: 63 Resp: 192113

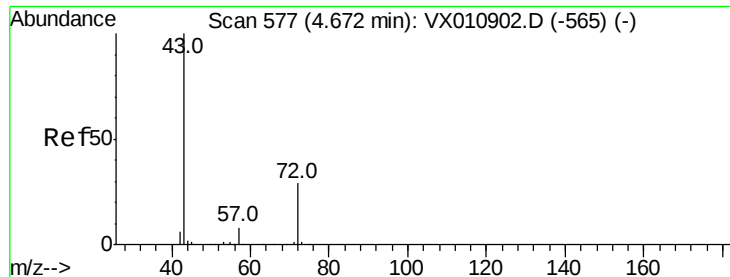
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 255.364 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 435284

Ion Ratio Lower Upper

43 100

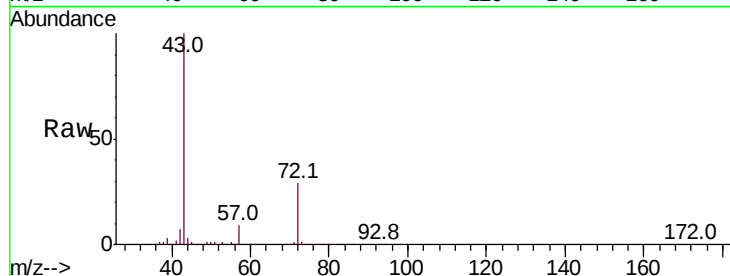
72 28.6 23.0 34.6

Manual Integrations

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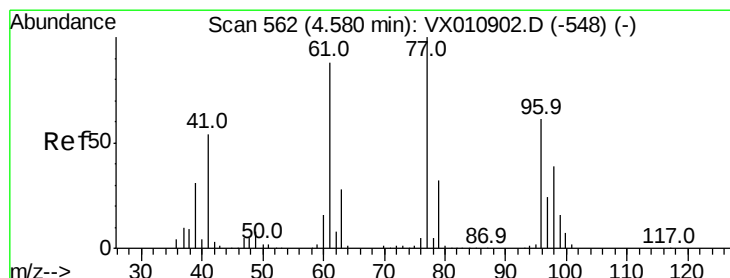
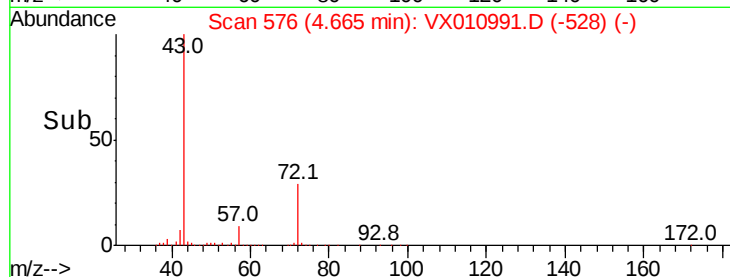
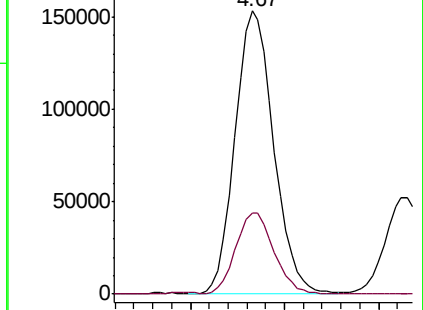
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 53.394 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010991.D

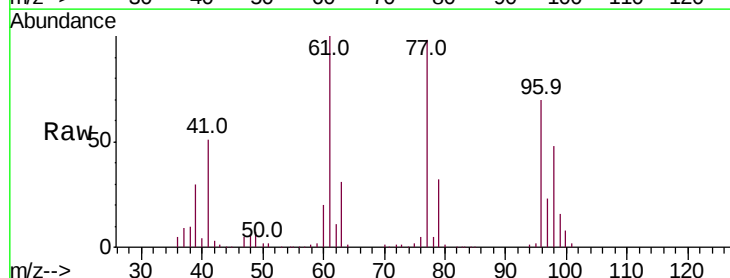
Acq: 19 Jul 2019 10:20

Tgt Ion: 77 Resp: 171698

Ion Ratio Lower Upper

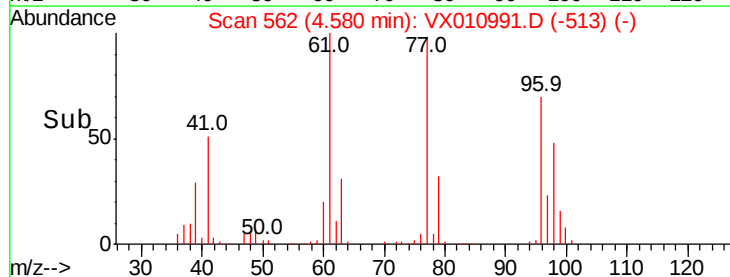
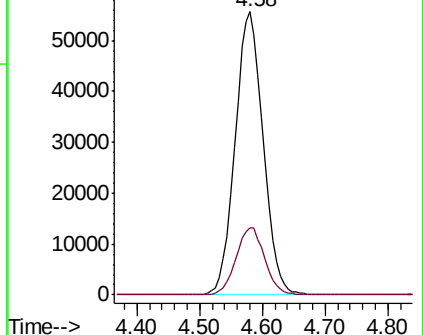
77 100

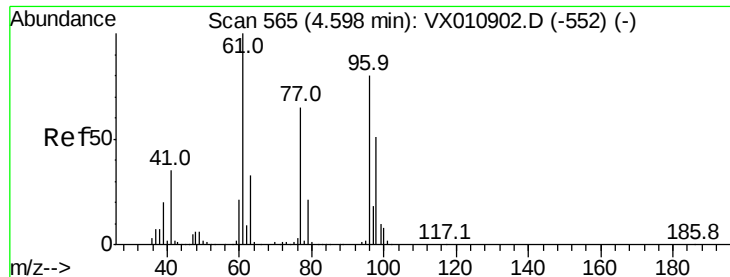
97 24.2 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

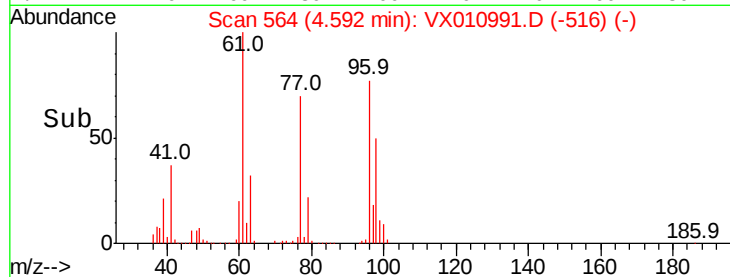
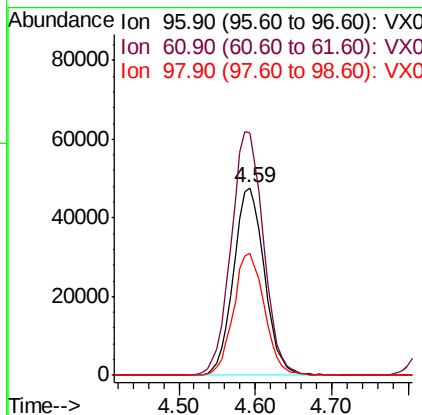
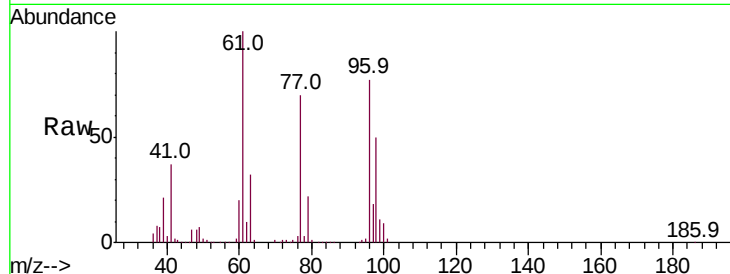
cis-1,2-Dichloroethene
 Concen: 49.500 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	133806		
61	136.0	0.0	269.0	
98	65.2	0.0	131.4	

Manual Integrations
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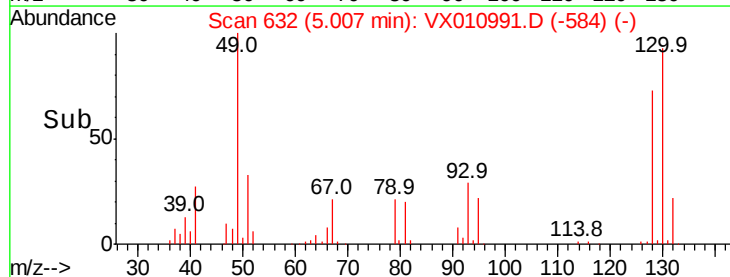
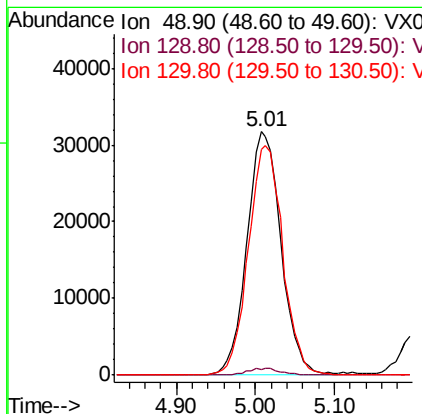
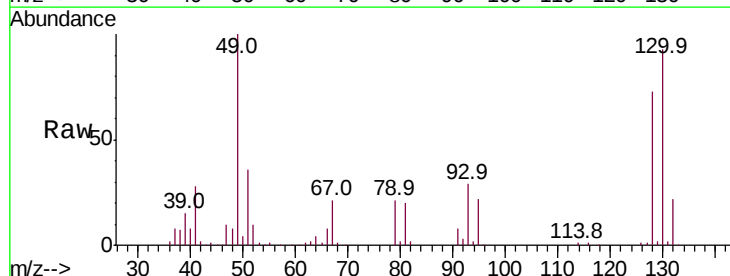
MMDadoda
 7/22/2019 5:04:48 PM

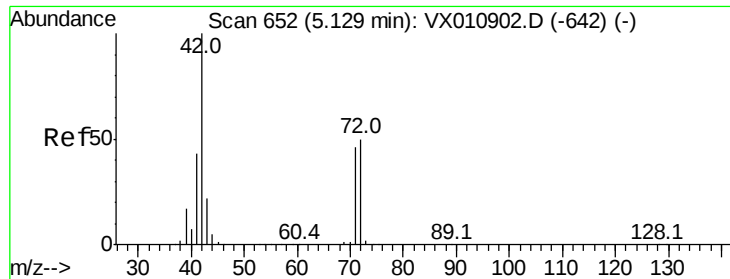


#28

Bromochloromethane
 Concen: 51.744 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	95496		
129	2.7	0.0	5.2	
130	95.0	76.9	115.3	





#29

Tetrahydrofuran

Concen: 241.296 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

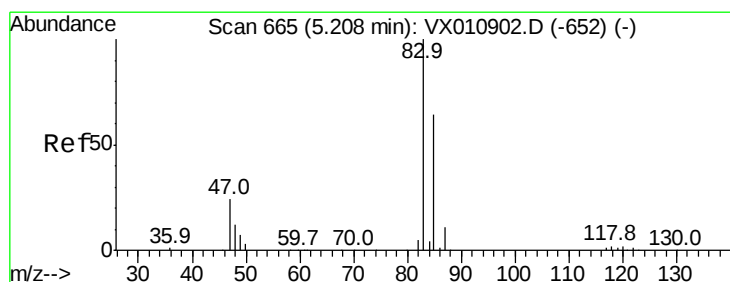
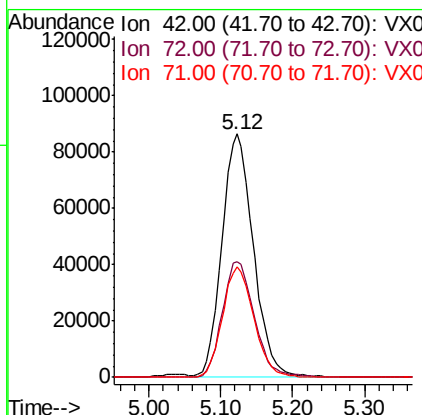
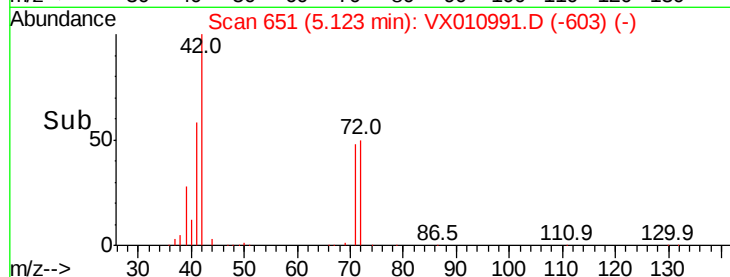
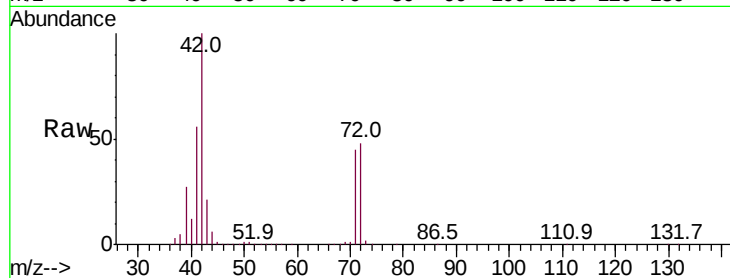
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	260537
Ion Ratio		Lower	Upper
42	100		
72	49.1	39.8	59.8
71	45.7	37.0	55.4

Manual Integrations
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#30

Chloroform

Concen: 50.197 ug/l

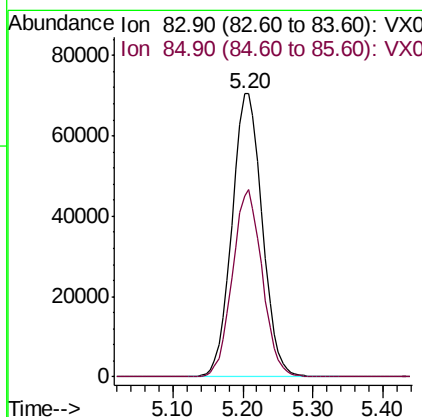
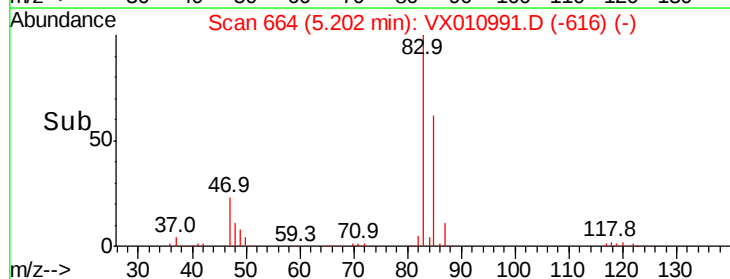
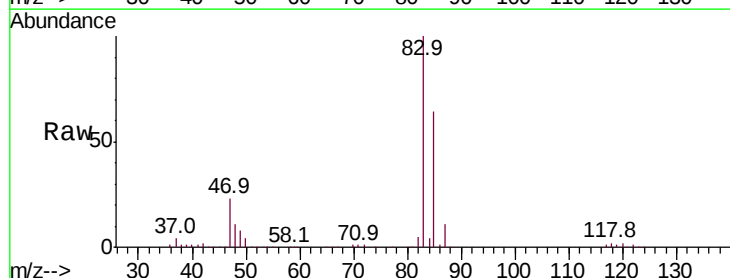
RT: 5.20 min Scan# 664

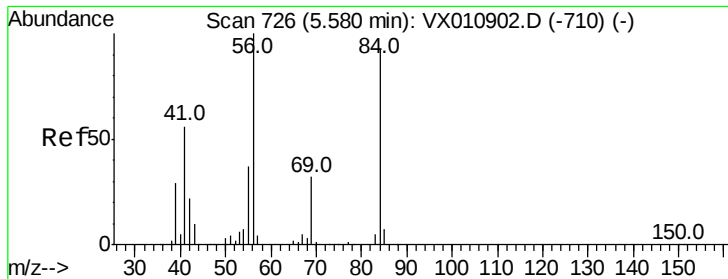
Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Tgt Ion:	83	Resp:	212495
Ion Ratio		Lower	Upper
83	100		
85	63.8	51.4	77.0





#31

Cyclohexane

Concen: 51.034 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 182178

Ion Ratio Lower Upper

56 100

69 33.7 25.8 38.8

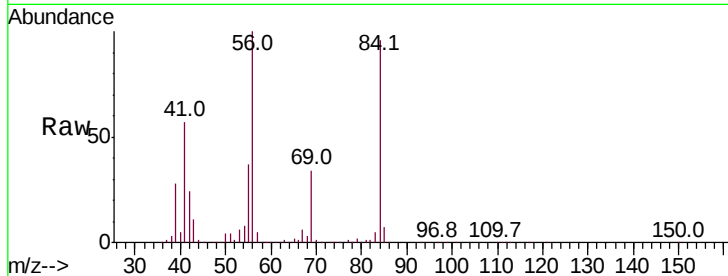
84 94.2 73.8 110.6

Manual Integrations

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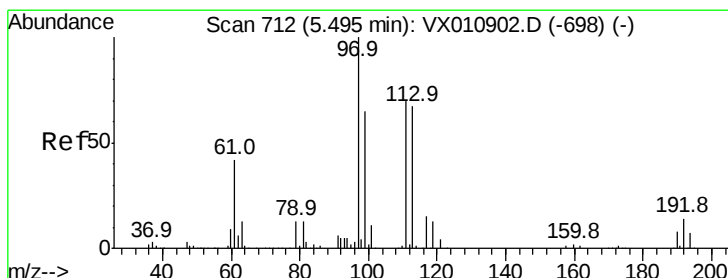
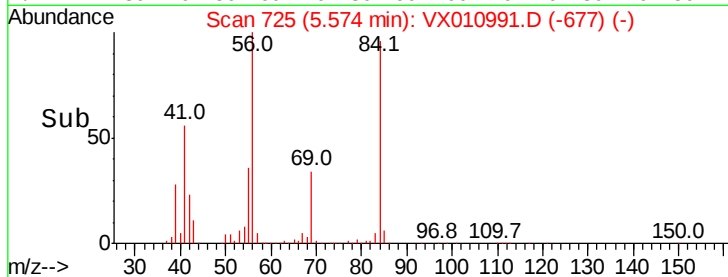
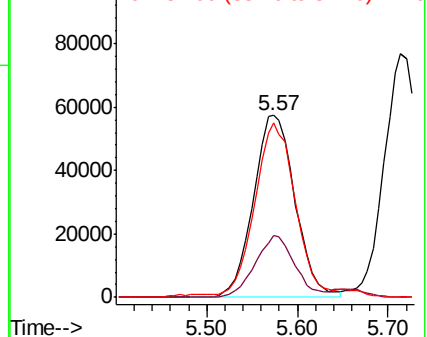


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.609 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

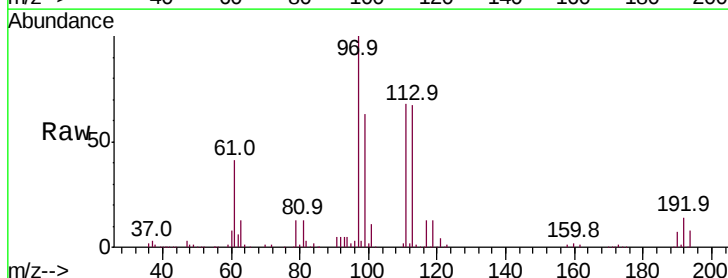
Tgt Ion: 97 Resp: 189013

Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

61 41.9 33.0 49.6

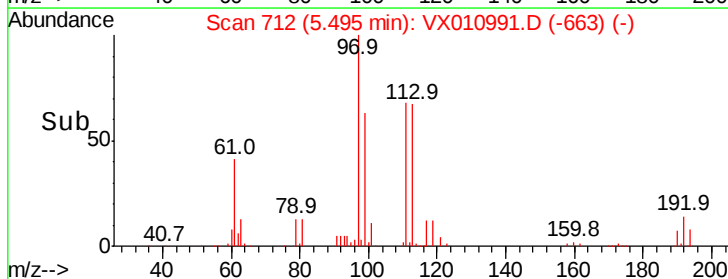
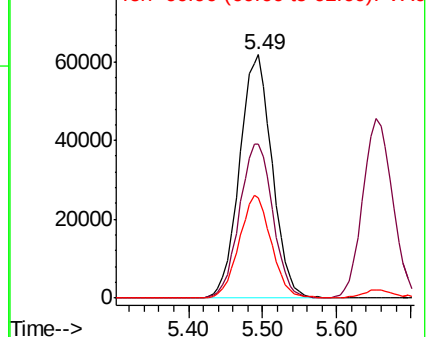


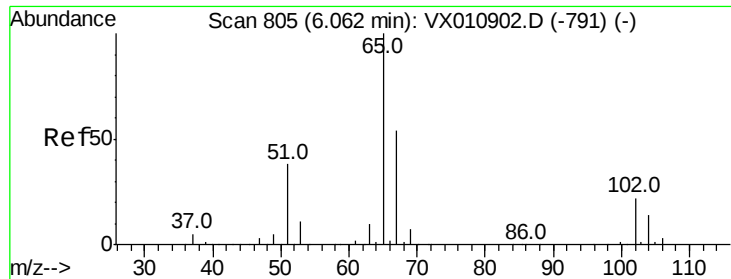
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





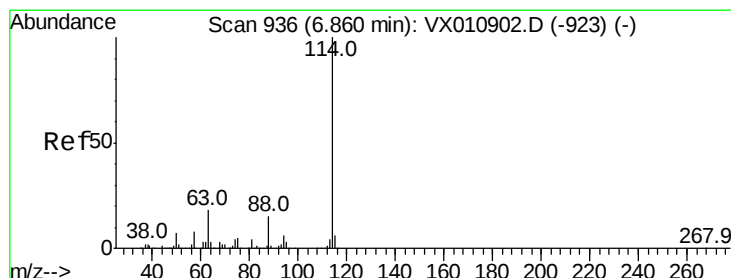
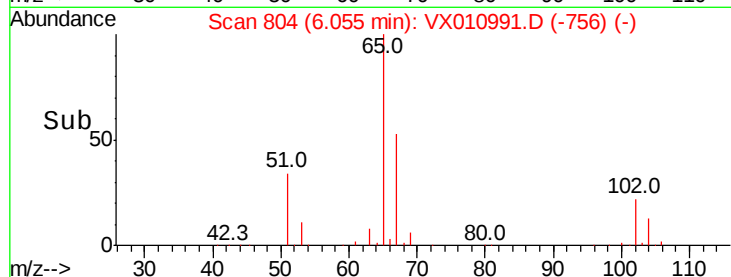
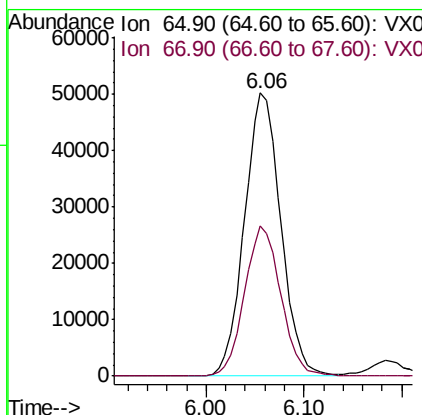
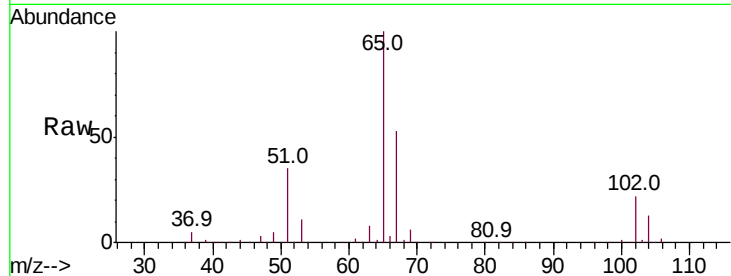
#33
 1,2-Dichloroethane-d4
 Concen: 49.444 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	129996		
67	53.1	0.0	107.8	

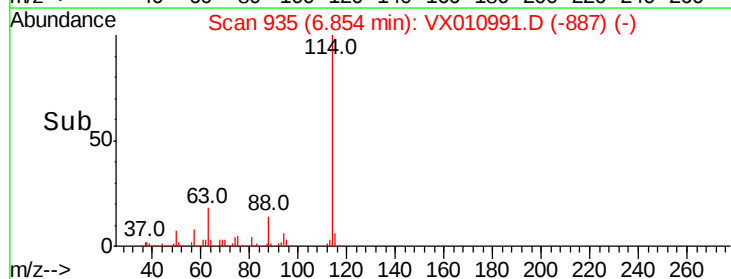
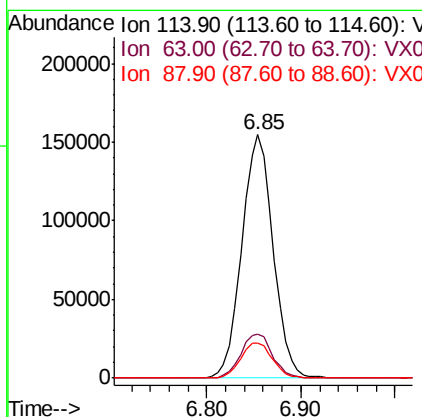
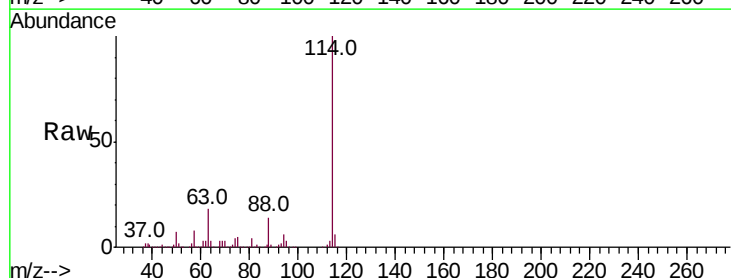
Manual Integrations
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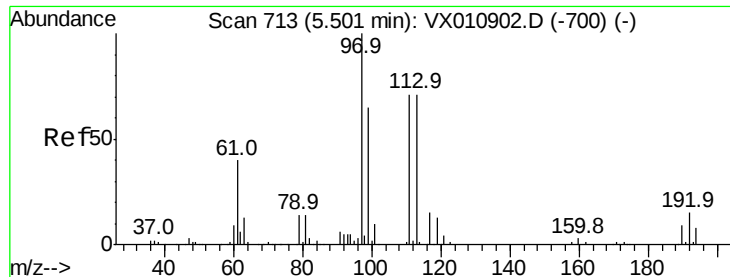
MMDadoda
 7/22/2019 5:04:48 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	359386		
63	18.3	0.0	35.6	
88	14.5	0.0	29.8	





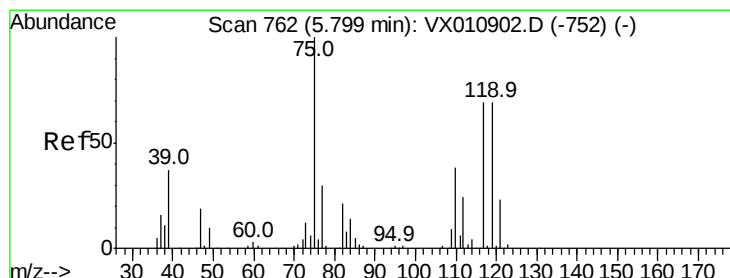
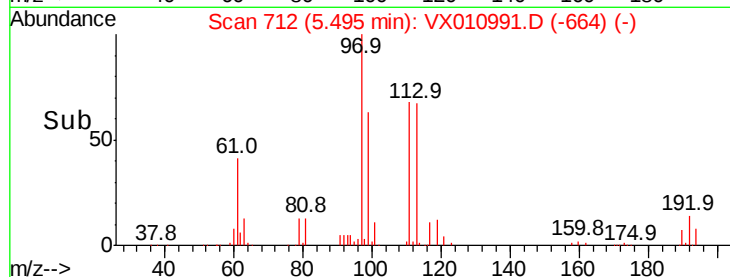
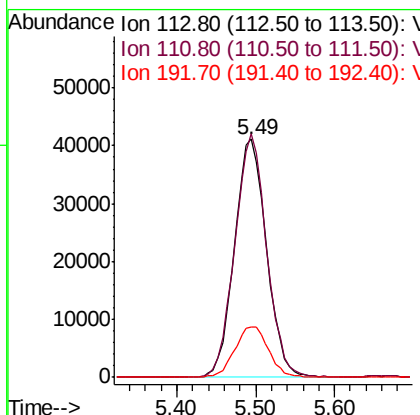
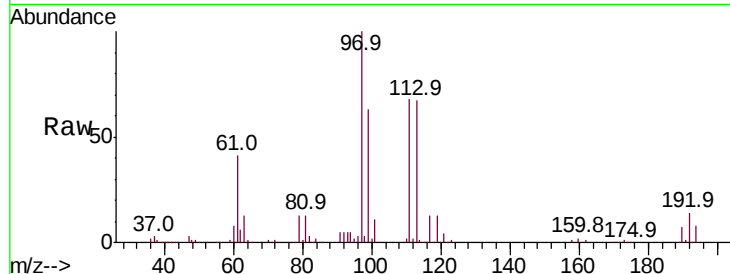
#35
 Dibromofluoromethane
 Concen: 51.065 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	116484		
111	101.1	82.3	123.5	
192	22.3	17.4	26.2	

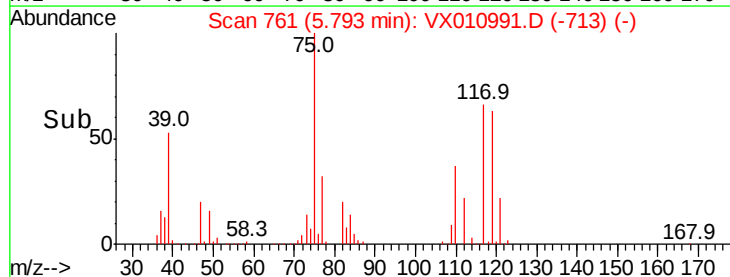
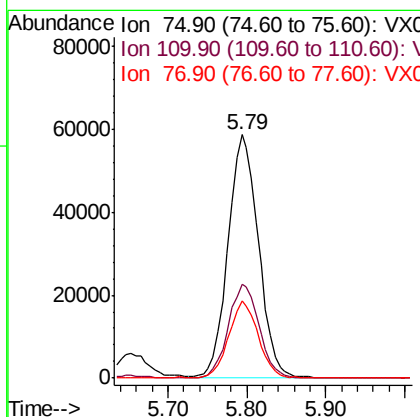
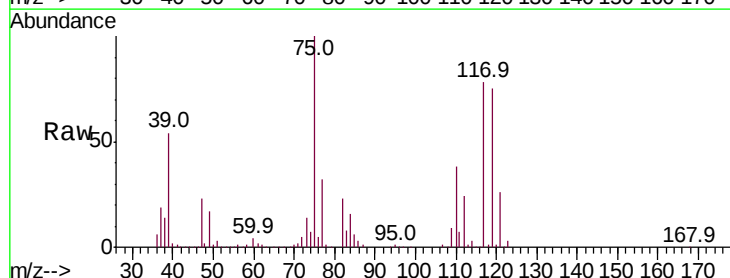
Manual Integrations
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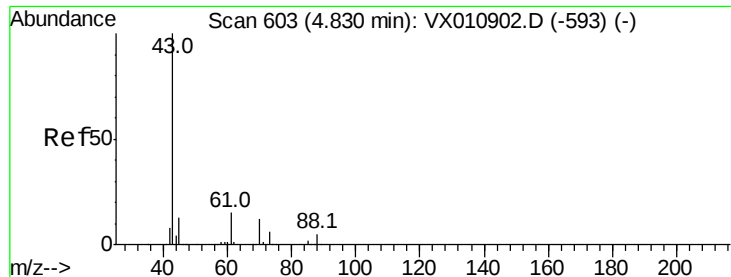
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 53.193 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	157027		
110	39.2	19.9	59.7	
77	30.9	25.0	37.4	





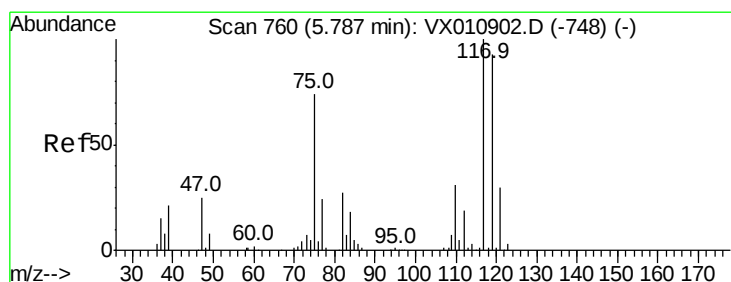
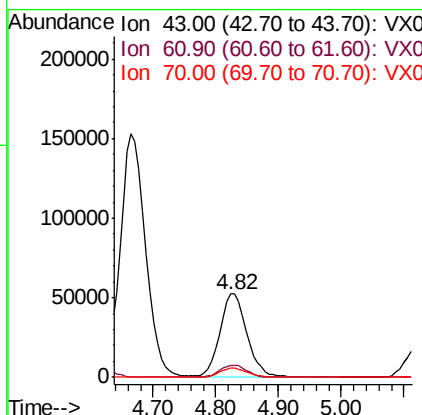
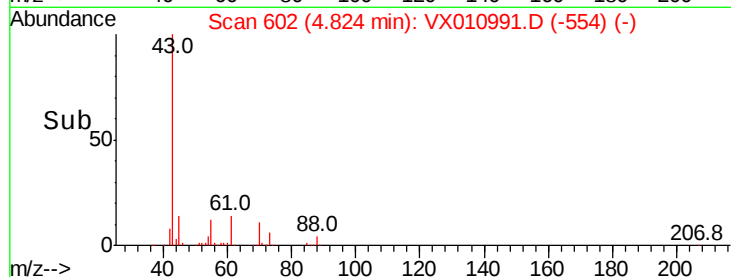
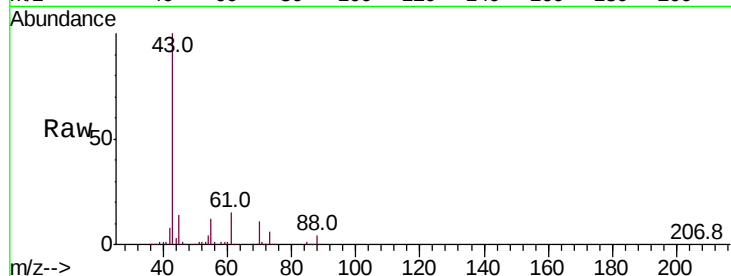
#37
Ethyl Acetate
Concen: 52.075 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.6	17.4
70	11.4	9.1	13.7

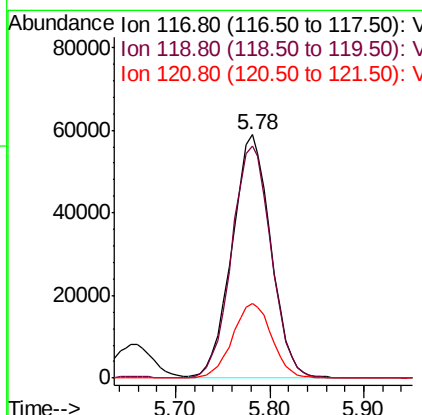
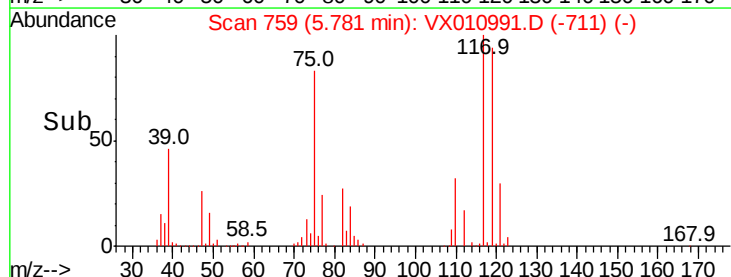
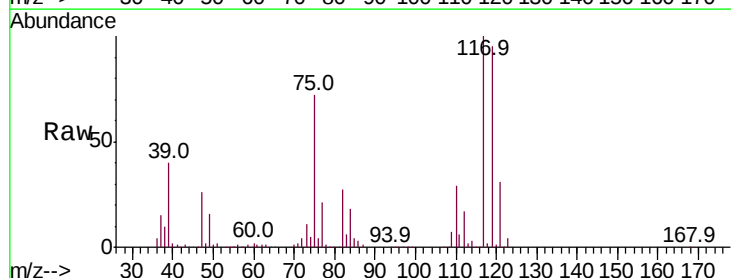
Manual Integrations
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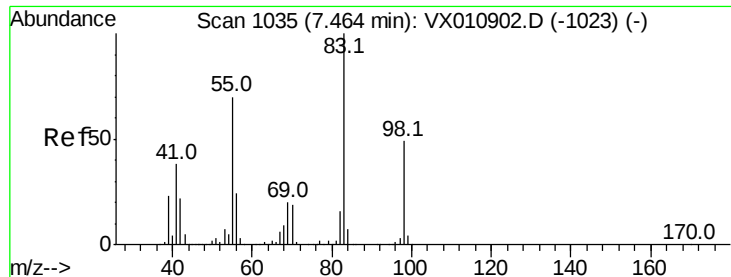
MMDadoda
7/22/2019 5:04:48 PM



#38
Carbon Tetrachloride
Concen: 54.937 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	74.2	111.2
121	30.4	24.2	36.2





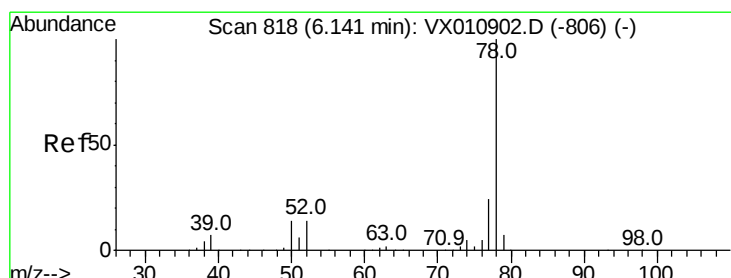
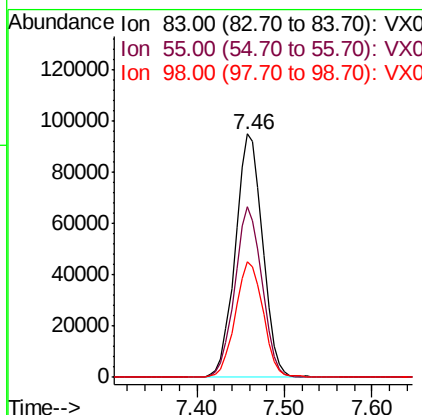
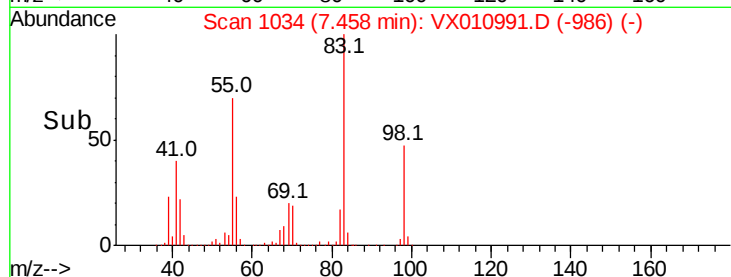
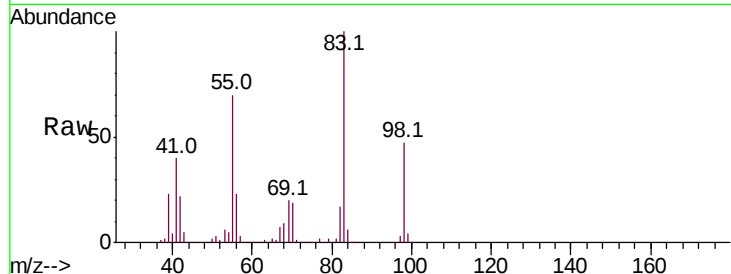
#39
Methvlcvclohexane
Concen: 53.931 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	206458		
55	70.3		56.2	84.4
98	47.4		39.0	58.4

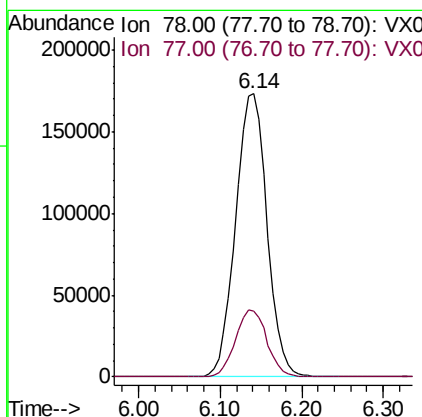
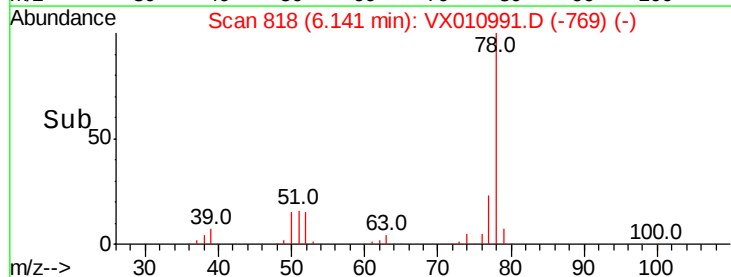
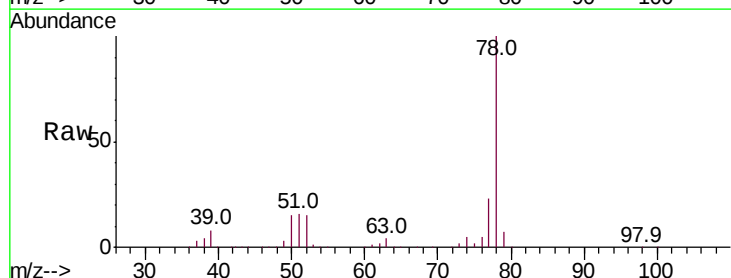
Manual Integrations
APPROVED

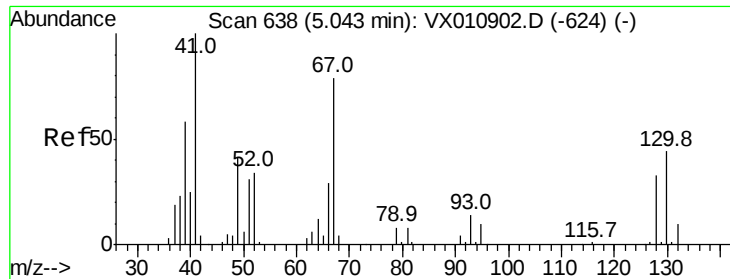
MMDadoda
7/22/2019 5:04:48 PM



#40
Benzene
Concen: 51.131 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	462358		
77	23.2		19.0	28.6





#41

Methacrylonitrile

Concen: 49.659 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 85213

Ion Ratio Lower Upper

41 100

39 55.6 45.4 68.2

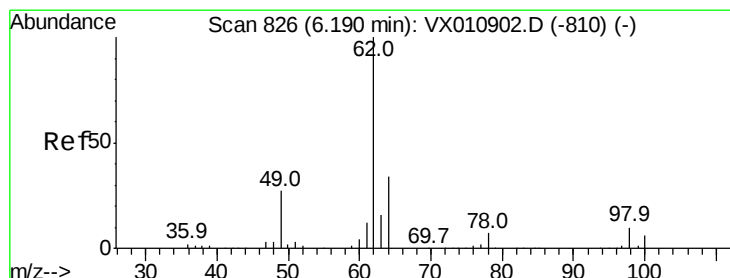
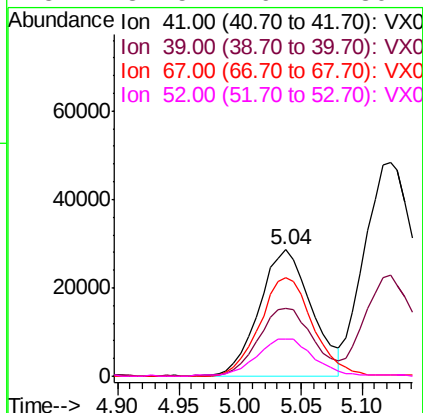
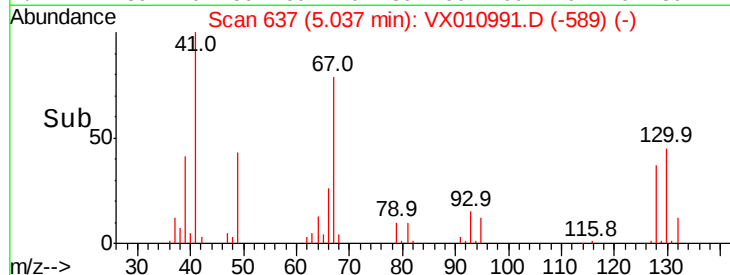
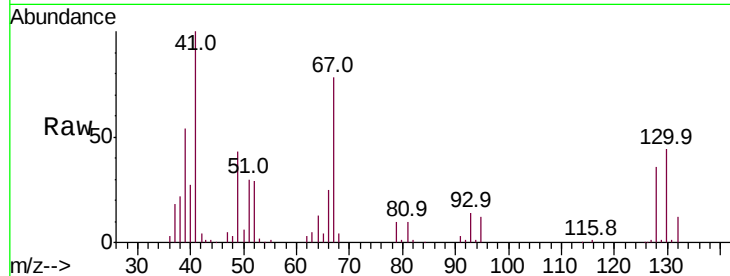
67 79.7 65.9 98.9

52 32.5 26.2 39.2

Manual Integrations
APPROVED

MMDadoda

7/22/2019 5:04:48 PM



#42

1,2-Dichloroethane

Concen: 52.186 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX010991.D

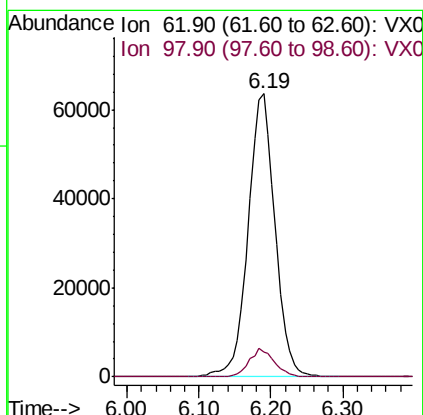
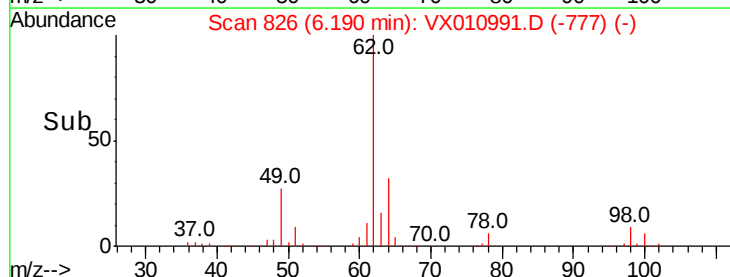
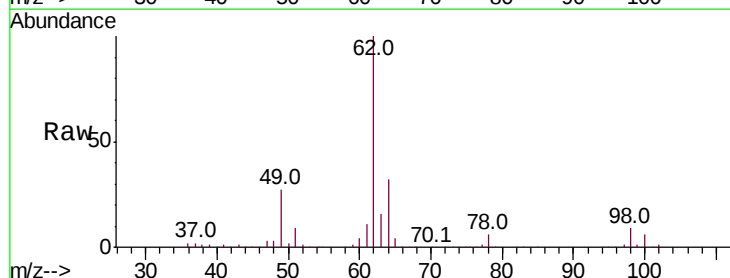
Acq: 19 Jul 2019 10:20

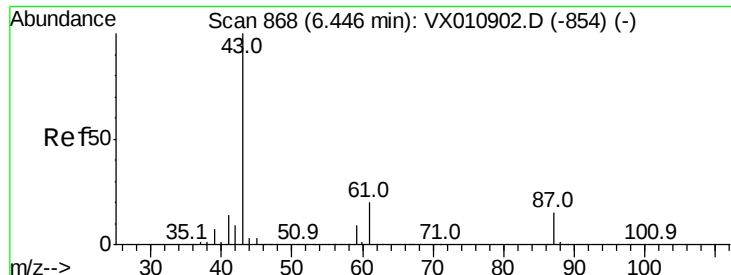
Tgt Ion: 62 Resp: 164078

Ion Ratio Lower Upper

62 100

98 9.5 0.0 20.0





#43

Isopropyl Acetate

Concen: 51.744 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

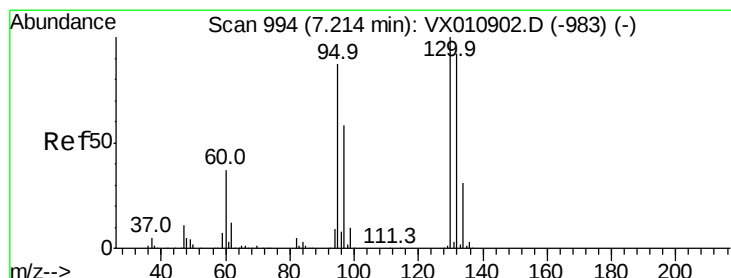
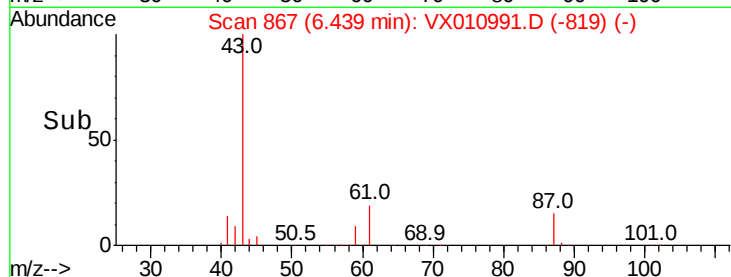
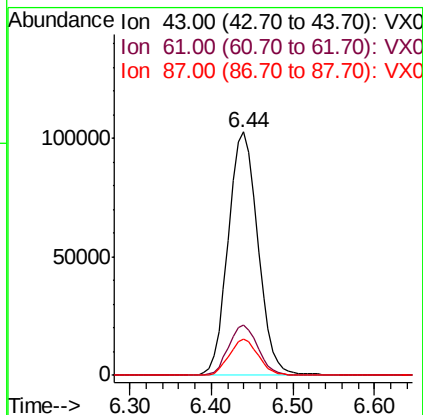
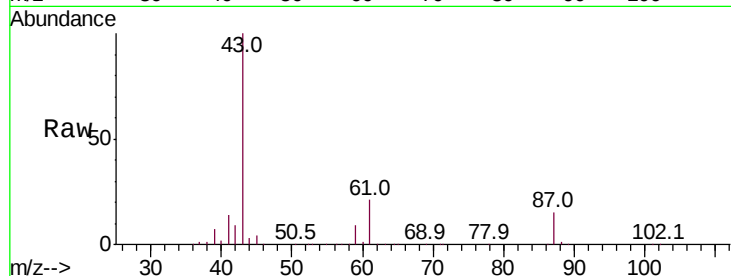
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	257186
Ion	Ratio	Lower	Upper
43	100		
61	20.7	17.1	25.7
87	14.7	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 50.847 ug/l

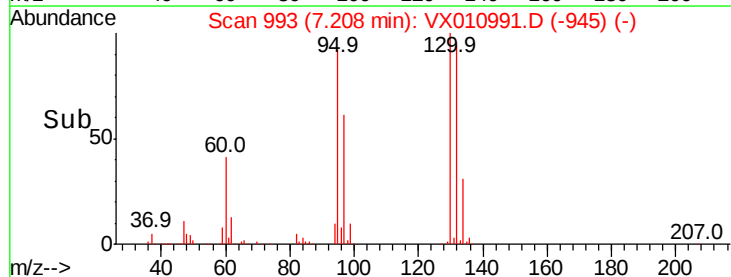
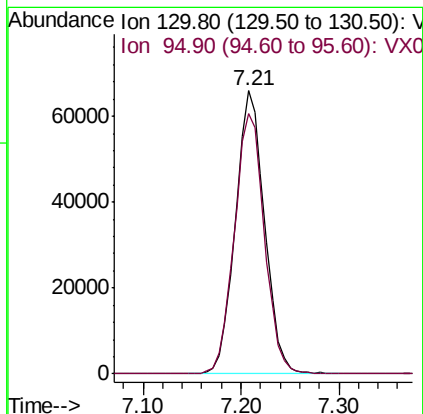
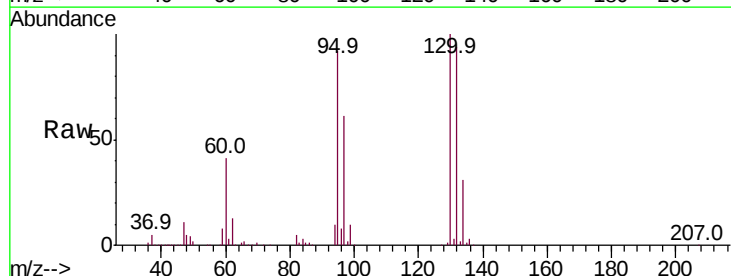
RT: 7.21 min Scan# 993

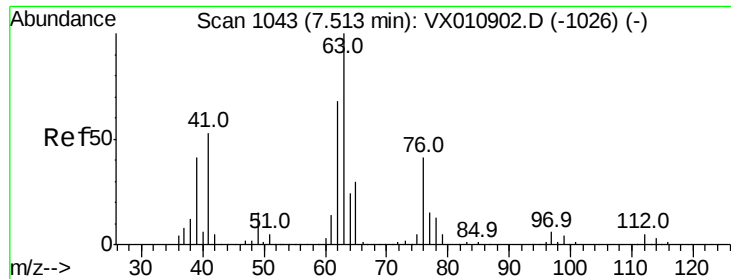
Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Tgt Ion:	130	Resp:	136100
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	174.8





#45

1,2-Dichloropropane

Concen: 51.422 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 118350

Ion Ratio Lower Upper

63 100

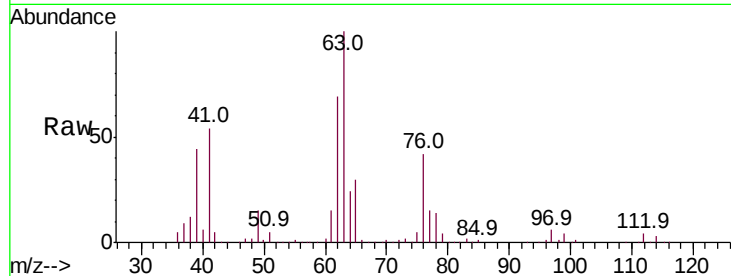
65 29.6 24.4 36.6

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

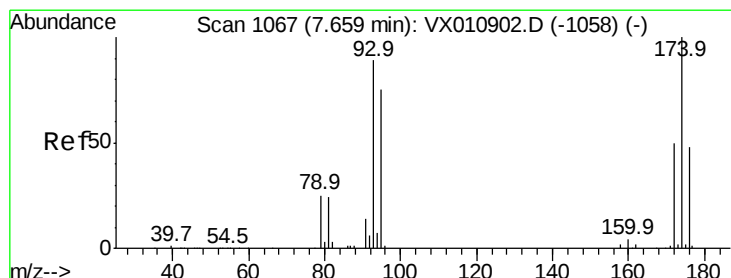
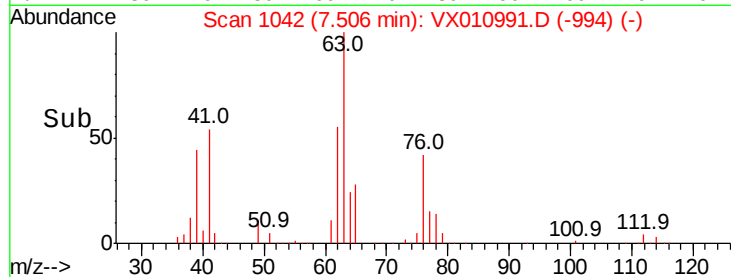
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 52.190 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

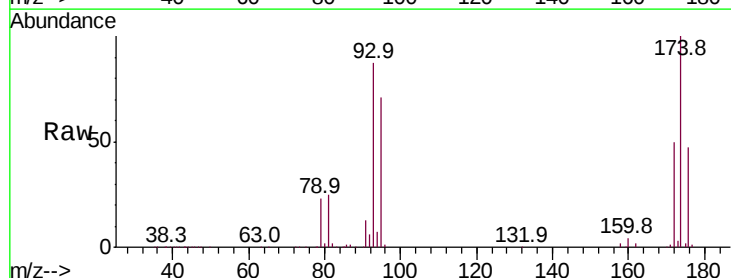
Tgt Ion: 93 Resp: 85831

Ion Ratio Lower Upper

93 100

95 83.8 67.2 100.8

174 112.2 90.6 135.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

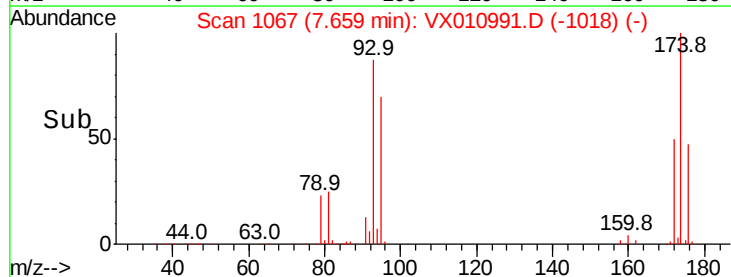
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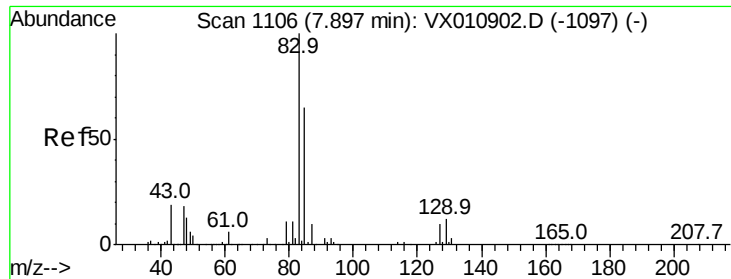
20000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 55.349 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

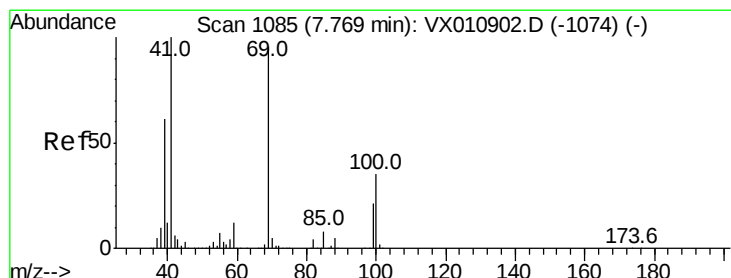
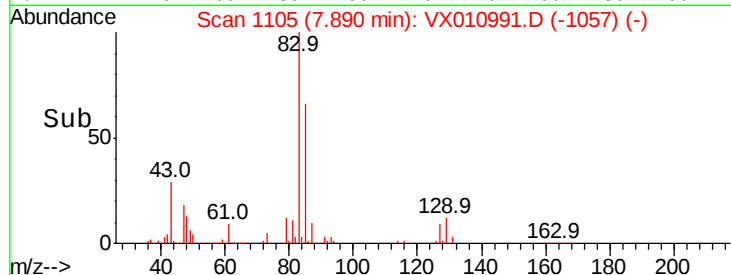
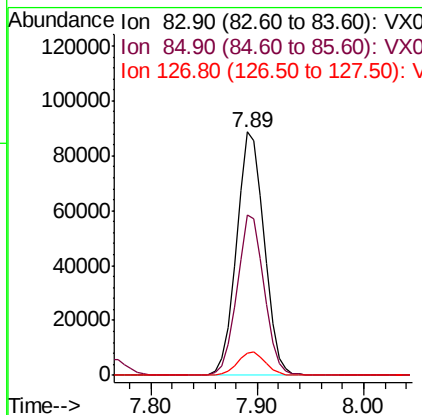
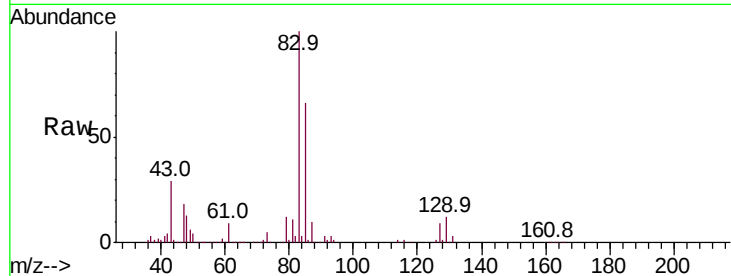
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	162035
Ion Ratio	Lower	Upper	
83	100		
85	66.0	52.5	78.7
127	8.9	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.038 ug/l

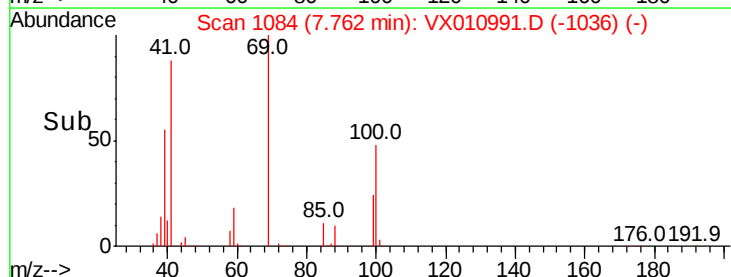
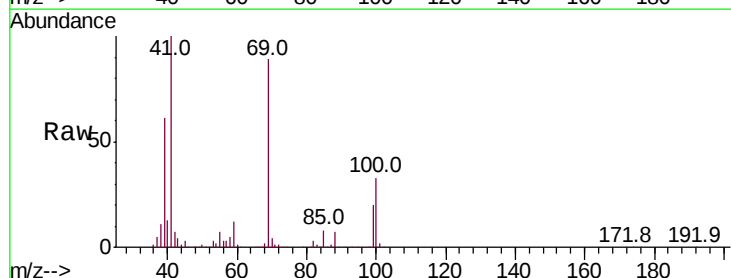
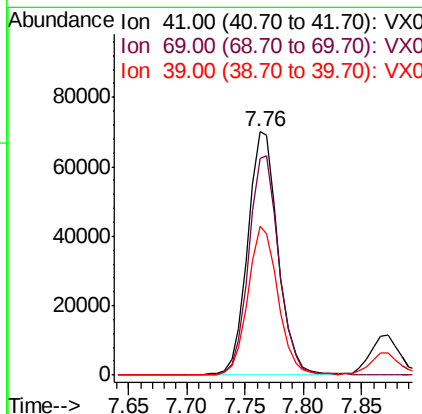
RT: 7.76 min Scan# 1084

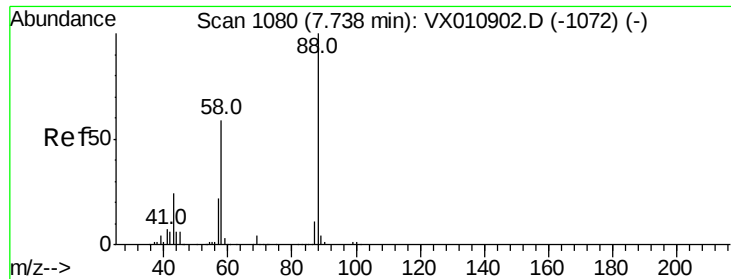
Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Tgt Ion:	41	Resp:	126002
Ion Ratio	Lower	Upper	
41	100		
69	91.0	74.4	111.6
39	60.8	48.9	73.3





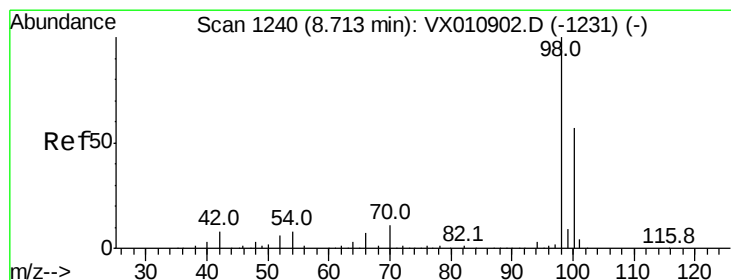
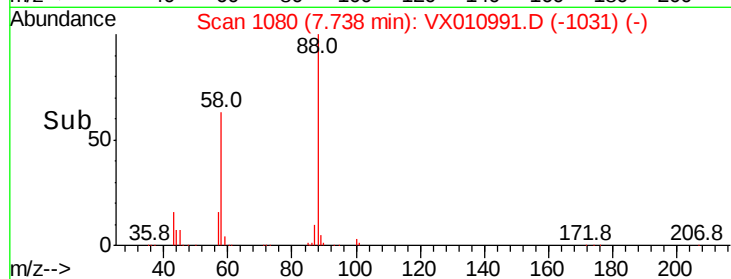
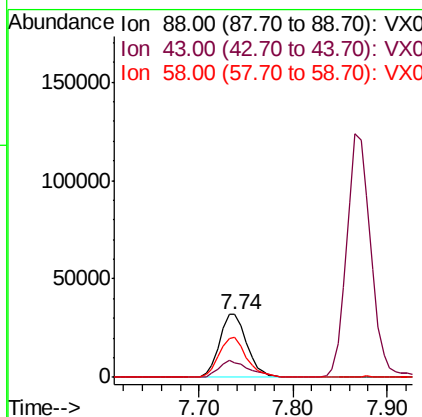
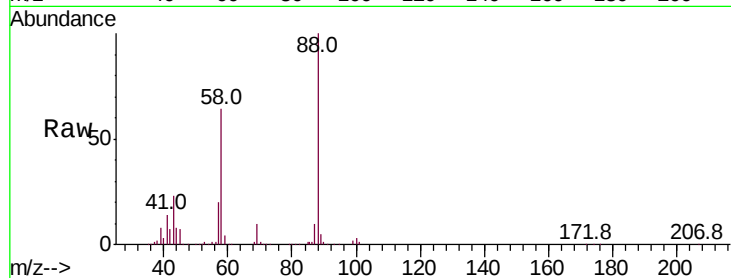
#49
 1,4-Dioxane
 Concen: 956.488 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.4	22.9	34.3
58	63.6	49.8	74.8

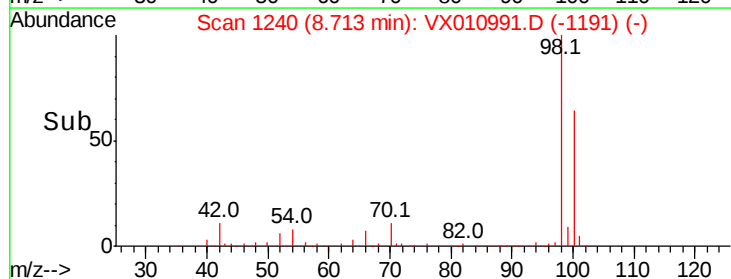
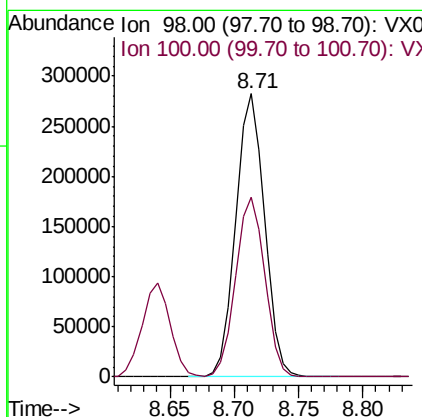
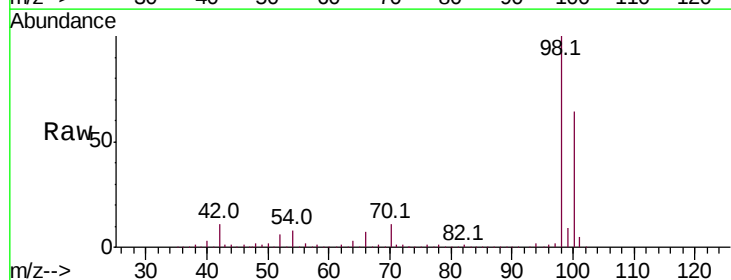
Manual Integrations
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#50
 Toluene-d8
 Concen: 51.252 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.6	75.8





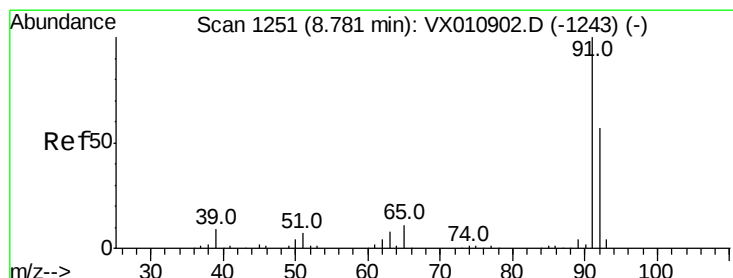
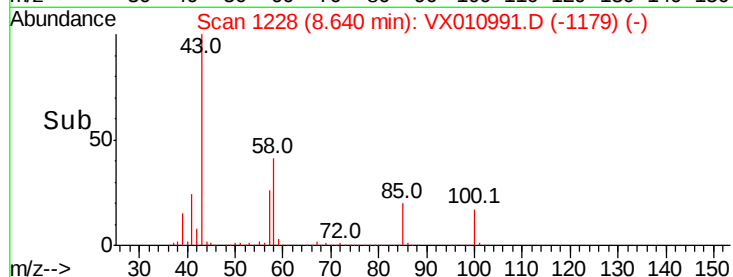
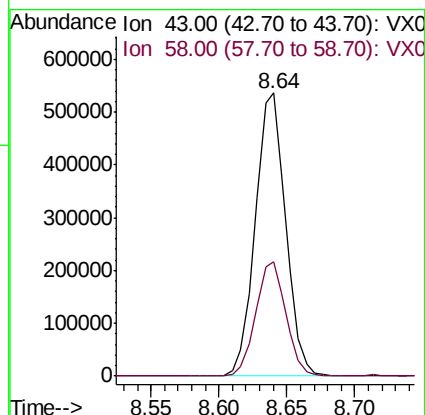
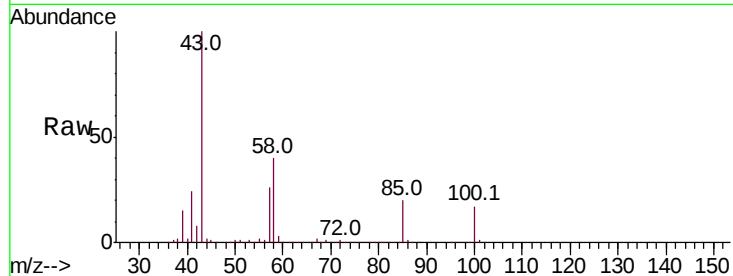
#51
4-Methyl-2-Pentanone
Concen: 260.739 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	32.2	48.4

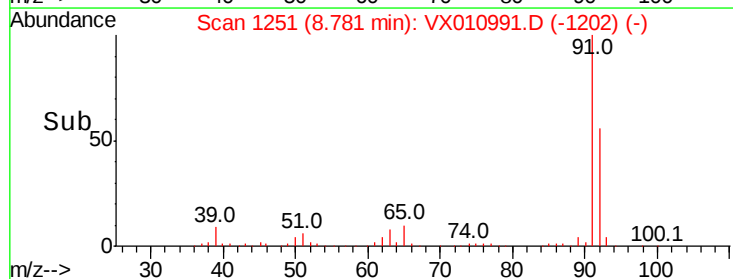
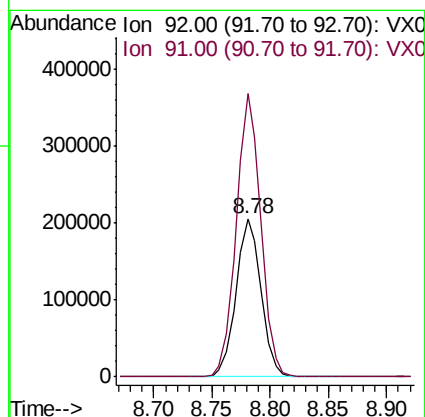
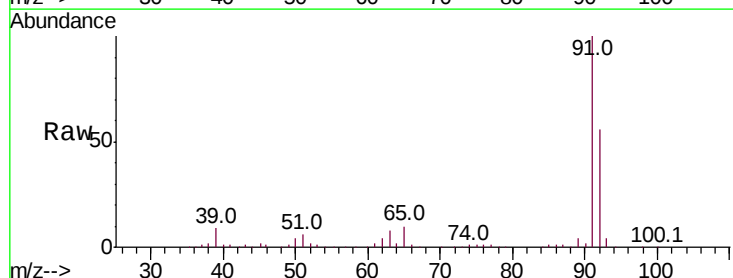
Manual Integrations
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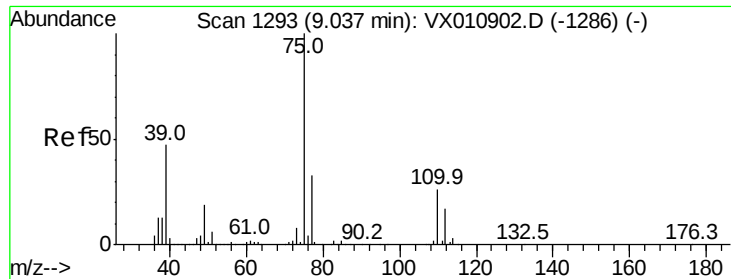
MMDadoda
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#52
Toluene
Concen: 51.786 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.7	139.4	209.0





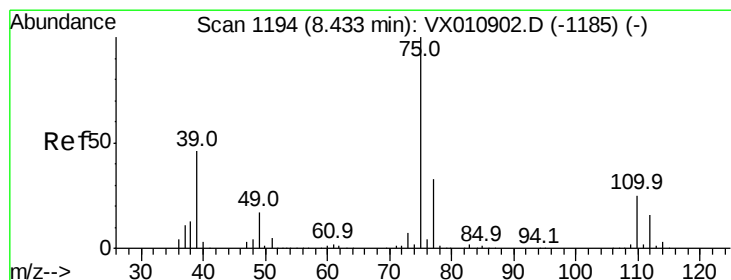
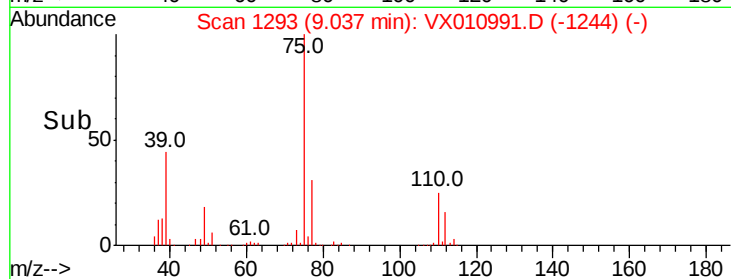
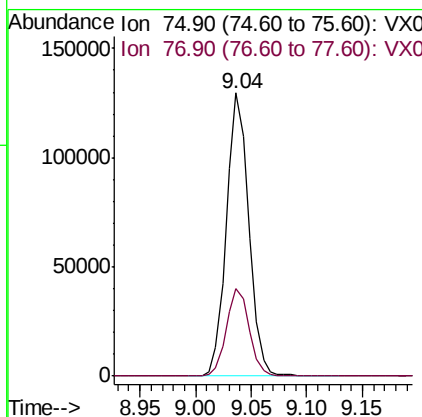
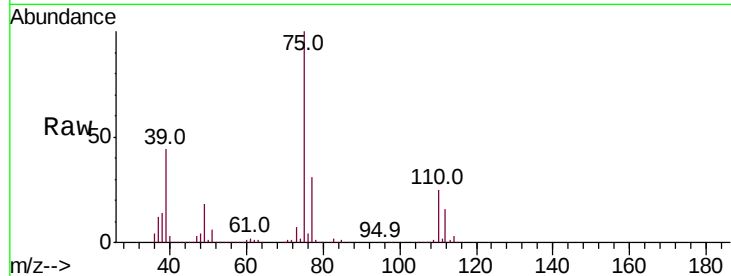
#53
t-1,3-Dichloropropene
Concen: 57.287 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.2	39.2

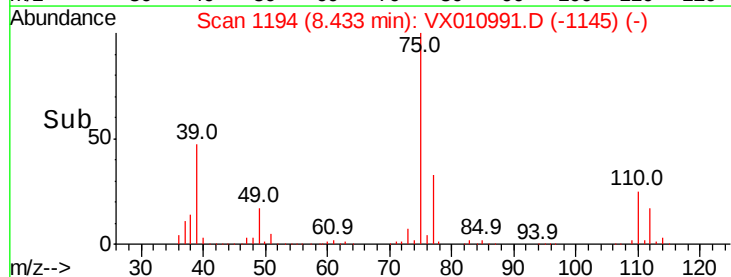
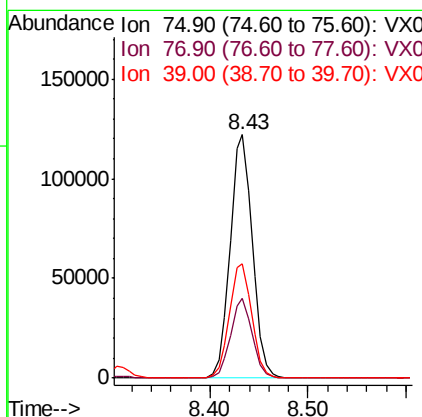
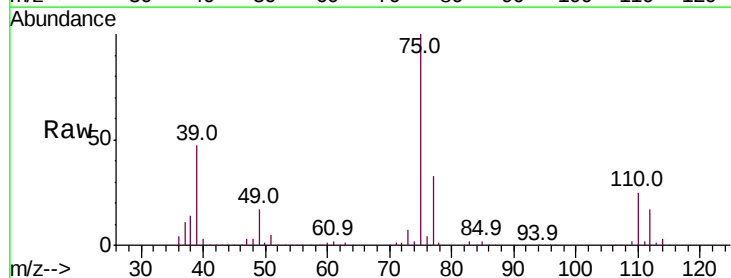
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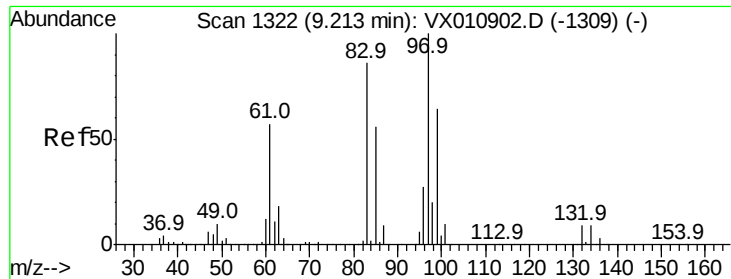
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#54
cis-1,3-Dichloropropene
Concen: 54.904 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	26.1	39.1
39	46.8	36.6	54.8





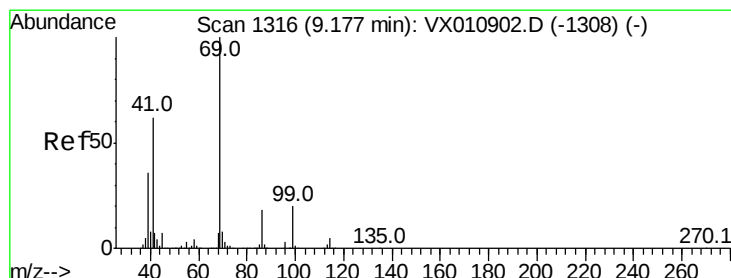
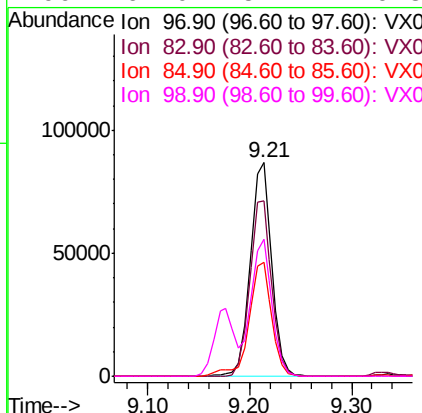
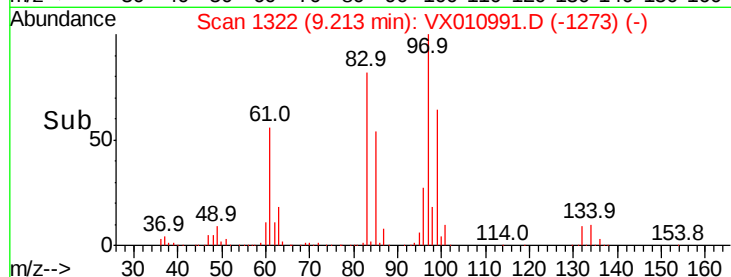
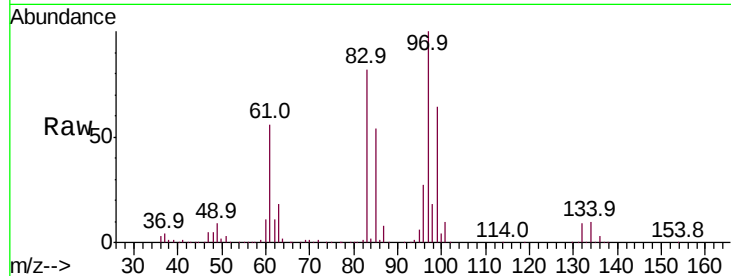
#55
 1,1,2-Trichloroethane
 Concen: 52.067 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	127353		
83	82.2	69.2	103.8	
85	53.6	44.6	66.8	
99	64.0	51.2	76.8	

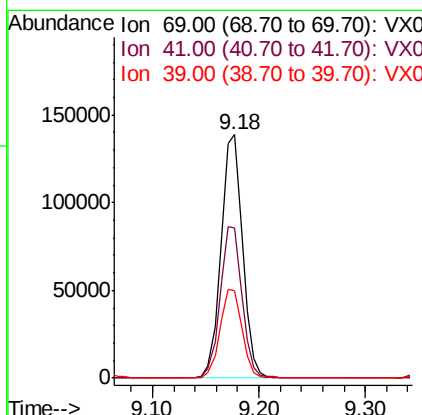
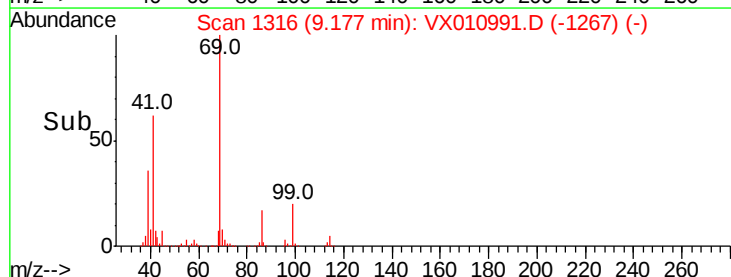
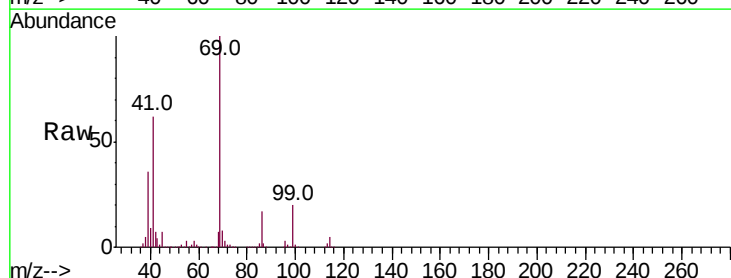
Manual Integrations
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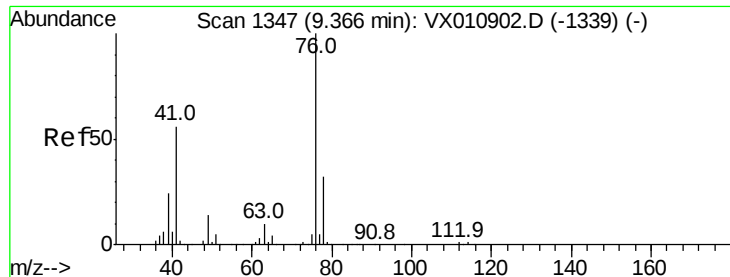
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#56
 Ethyl methacrylate
 Concen: 54.854 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	196257		
41	62.7	49.7	74.5	
39	37.7	29.6	44.4	





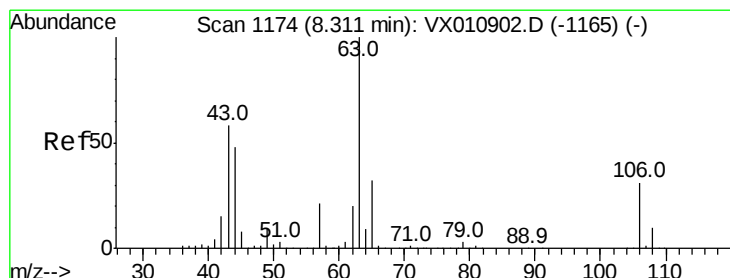
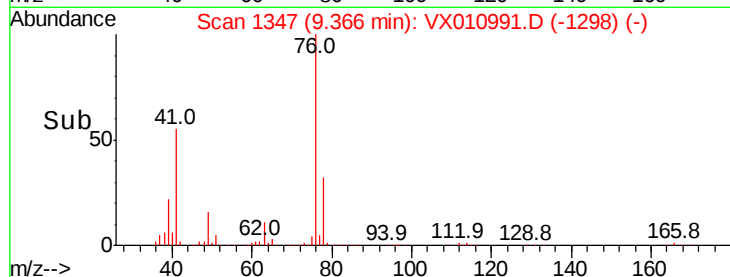
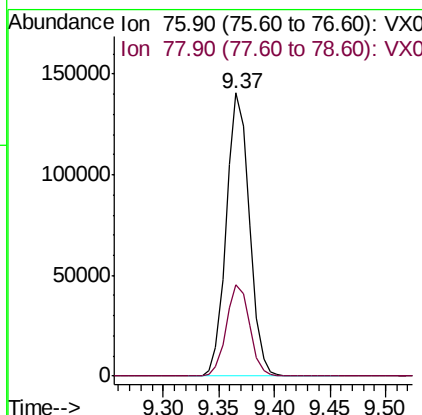
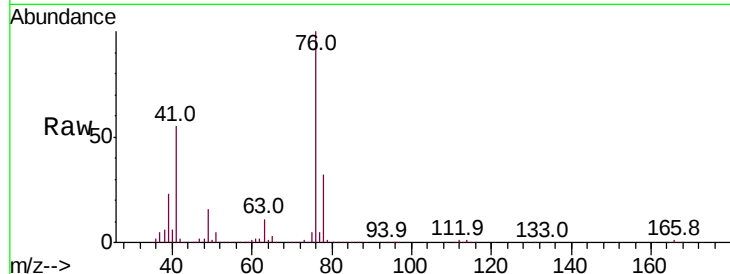
#57
 1,3-Dichloropropane
 Concen: 52.072 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 202048
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.6 38.4

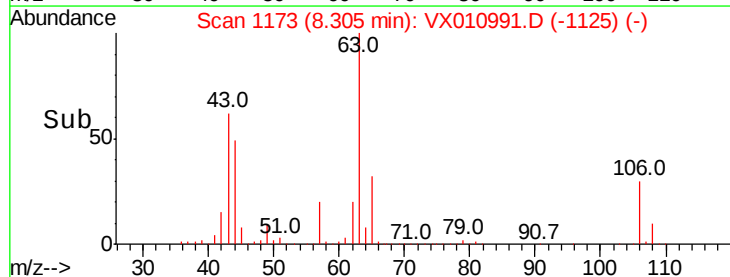
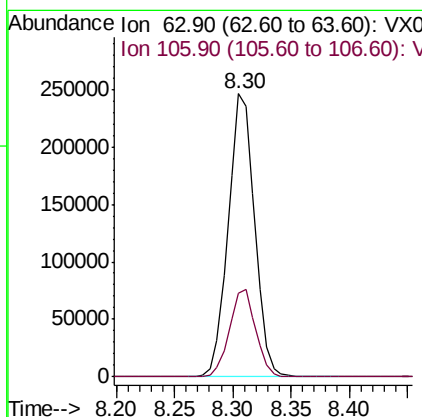
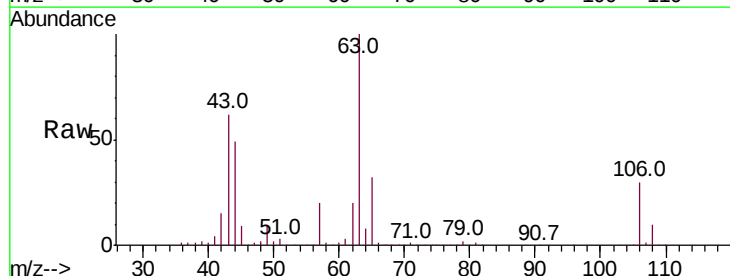
Manual Integrations
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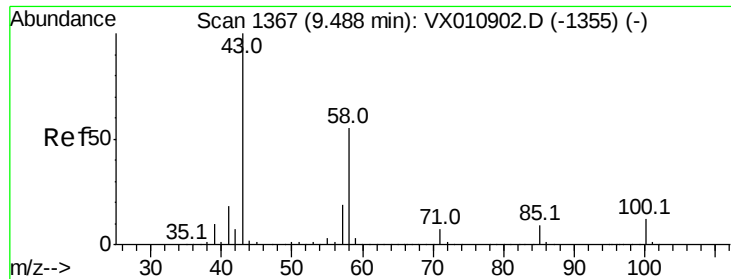
MMDadoda
 7/22/2019 5:04:48 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 226.608 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion: 63 Resp: 387027
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.0 36.0





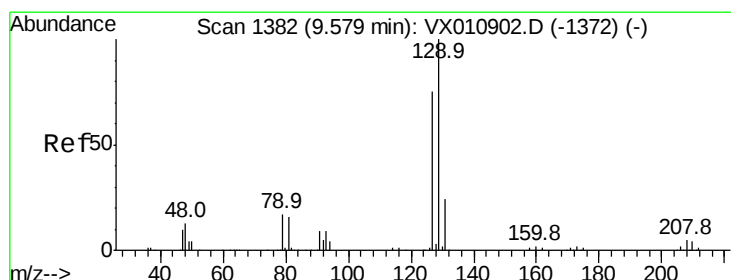
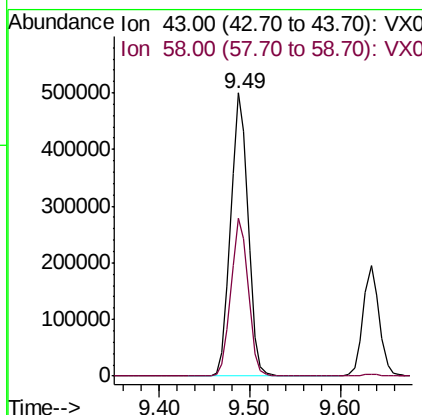
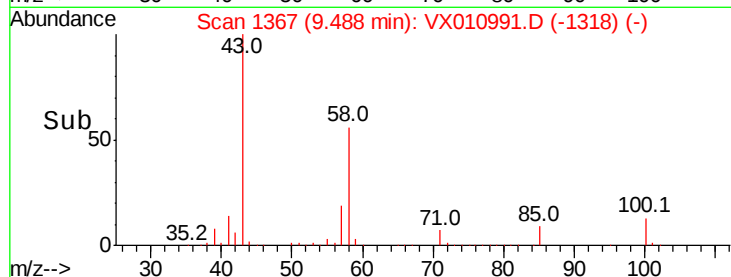
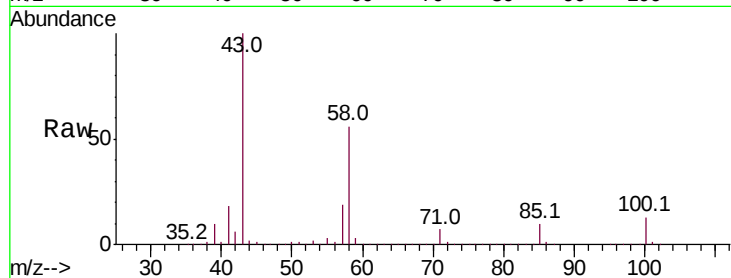
#59
2-Hexanone
Concen: 266.560 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 666141
Ion Ratio Lower Upper
43 100
58 55.6 28.0 83.9

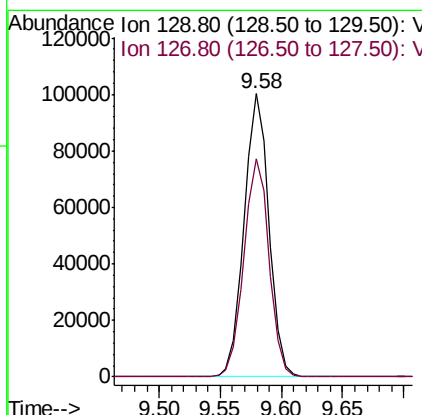
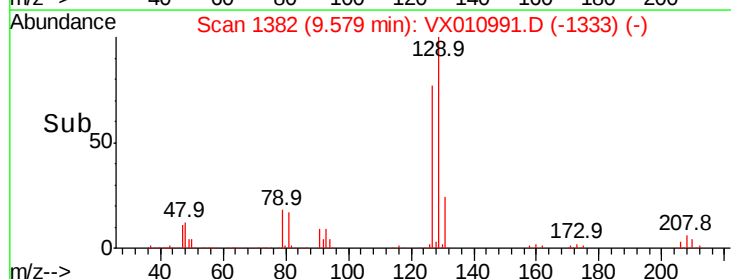
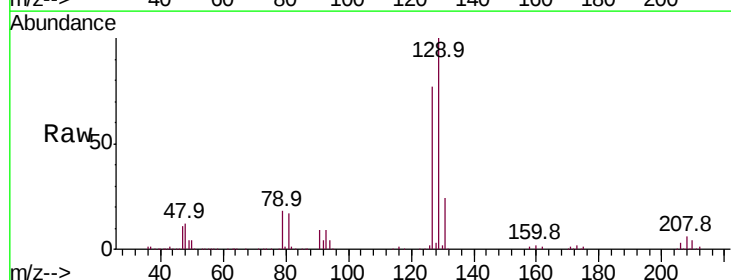
Manual Integrations
APPROVED

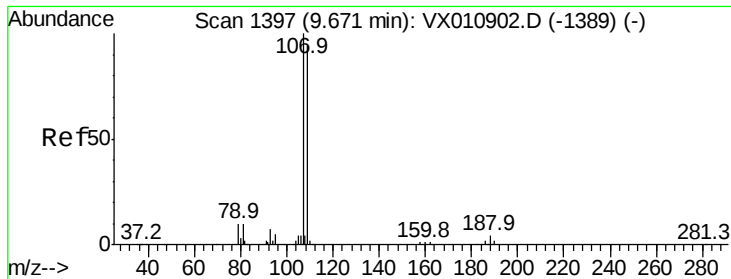
MMDadoda
7/22/2019 5:04:48 PM



#60
Dibromochloromethane
Concen: 50.187 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion: 129 Resp: 141303
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.080 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 137784

Ion Ratio Lower Upper

107 100

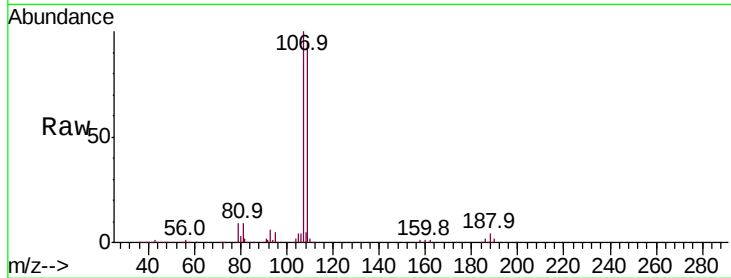
109 94.1 75.4 113.0

Manual Integrations

APPROVED

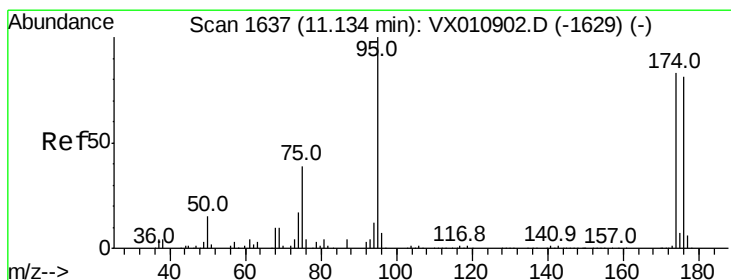
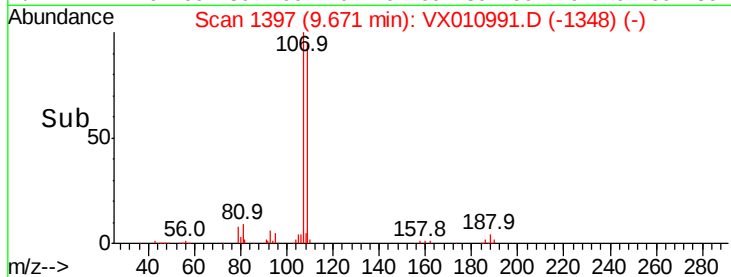
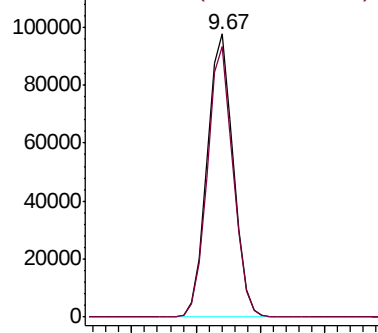
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.460 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

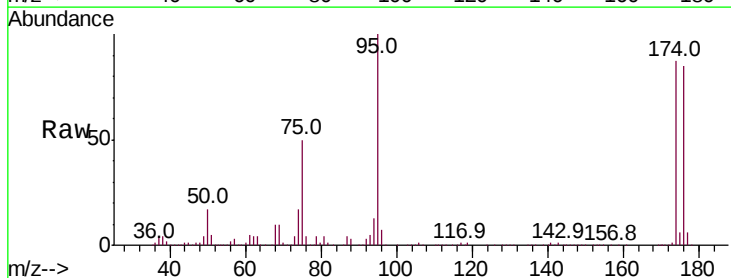
Tgt Ion: 95 Resp: 171263

Ion Ratio Lower Upper

95 100

174 88.7 0.0 180.6

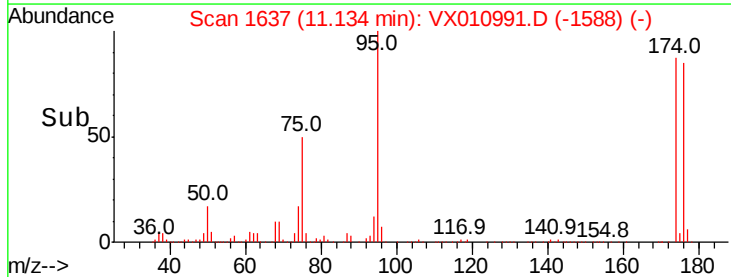
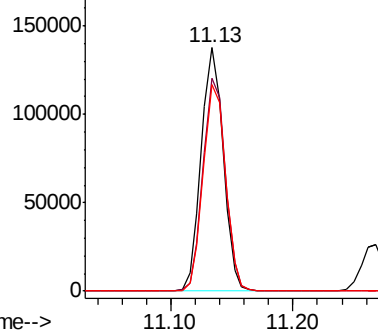
176 86.2 0.0 173.8

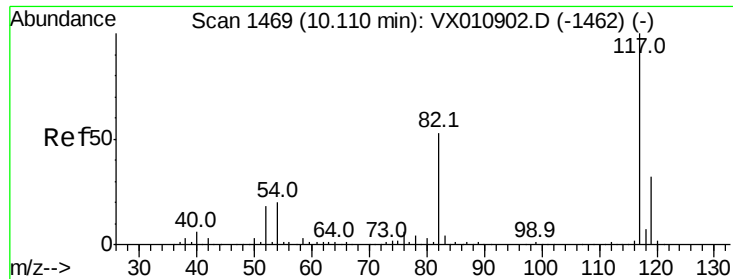


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





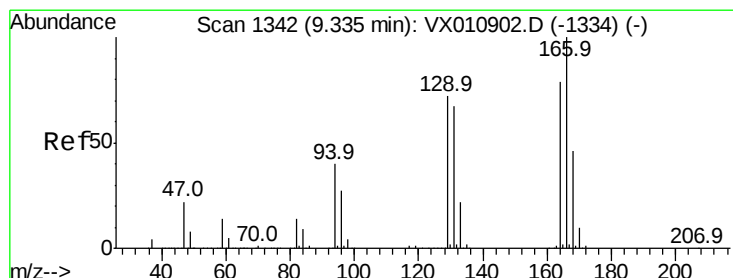
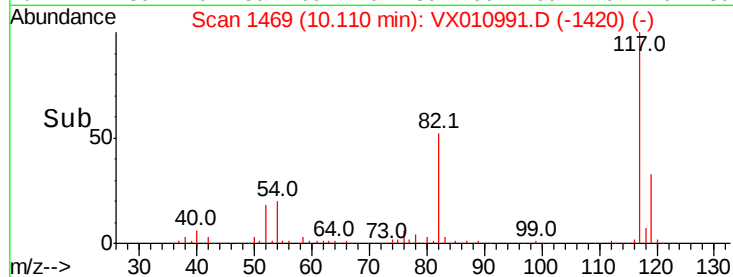
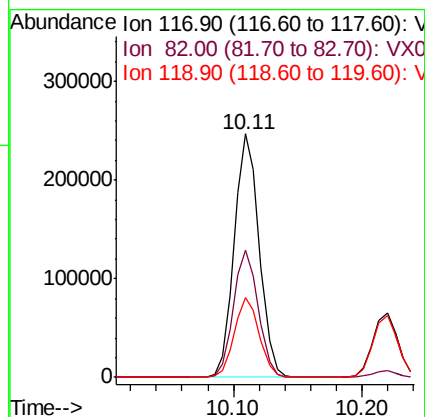
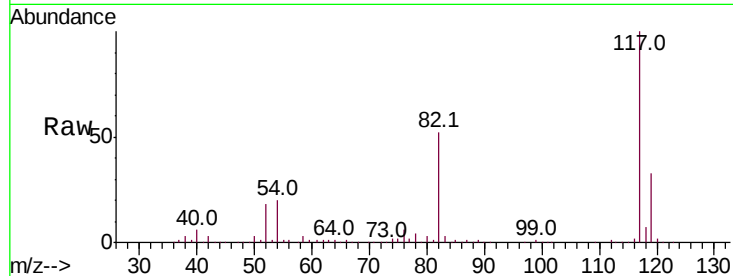
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	63.8
119	32.8	25.9	38.9

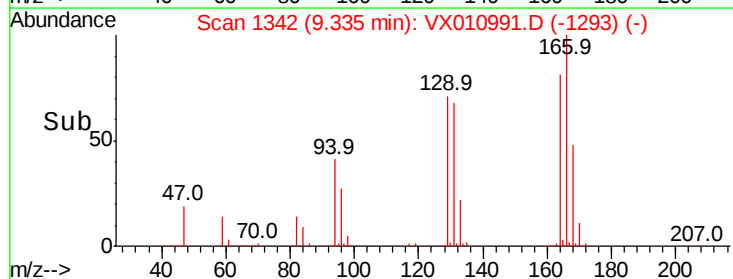
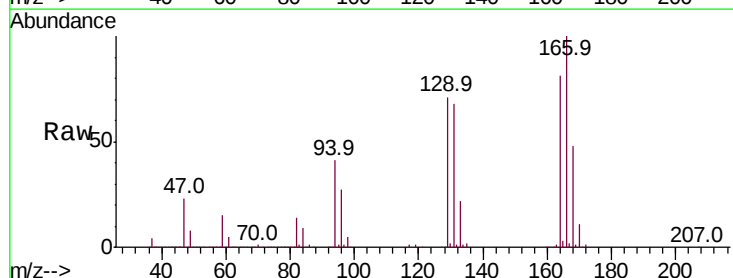
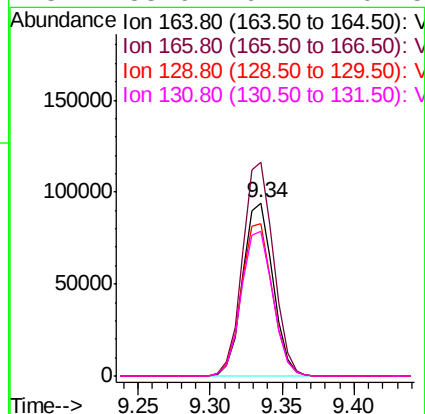
Manual Integrations
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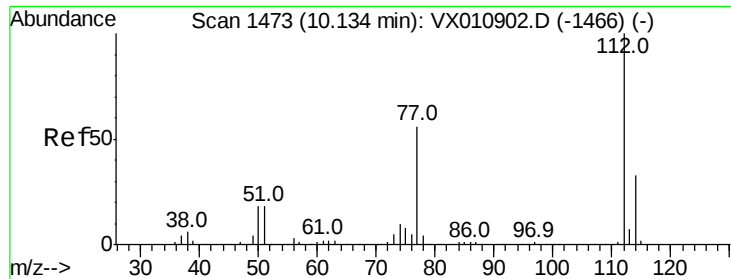
MMDadoda
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#64
Tetrachloroethene
Concen: 52.062 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.6	100.8	151.2
129	88.0	72.6	109.0
131	83.6	67.7	101.5





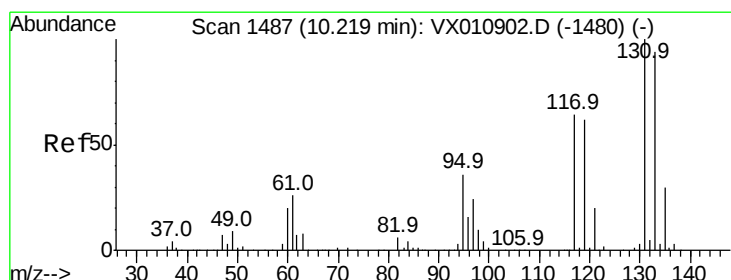
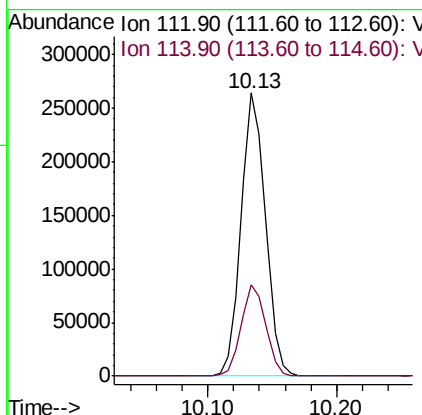
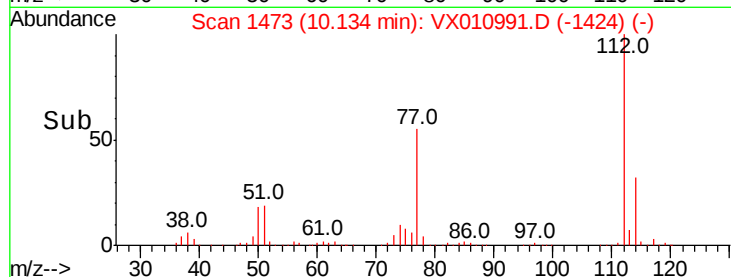
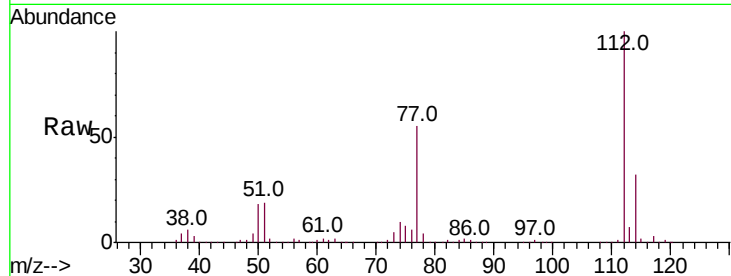
#65
Chlorobenzene
Concen: 50.566 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 346357
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4

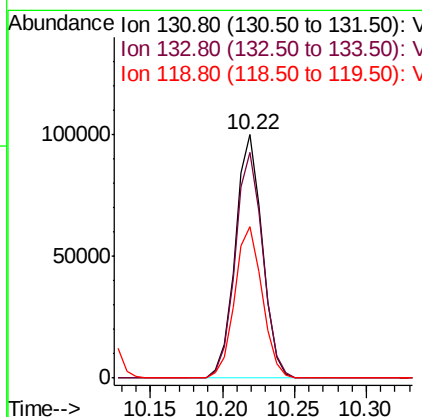
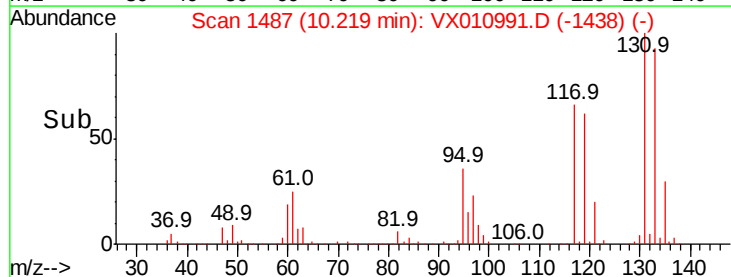
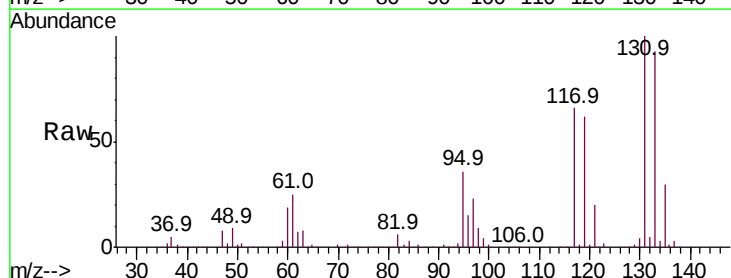
Manual Integrations
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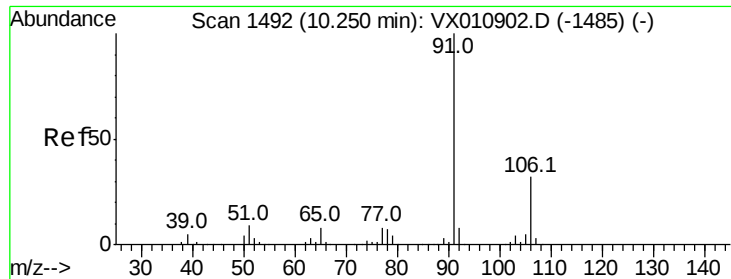
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.387 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion:131 Resp: 130927
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 63.7 31.9 95.7





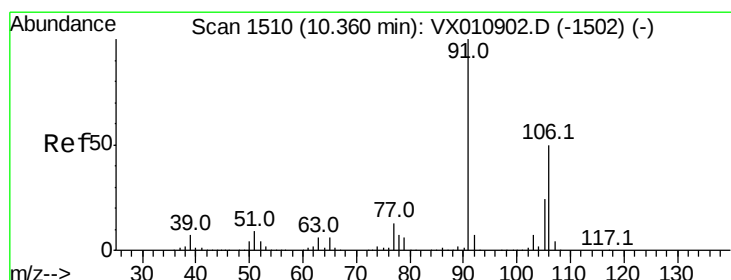
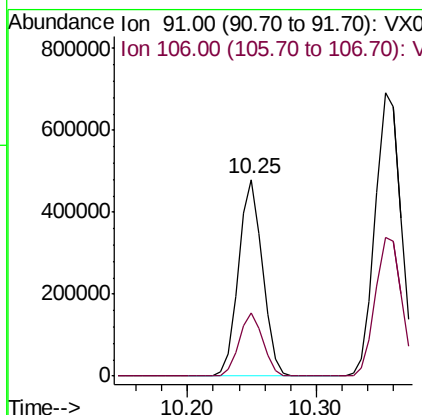
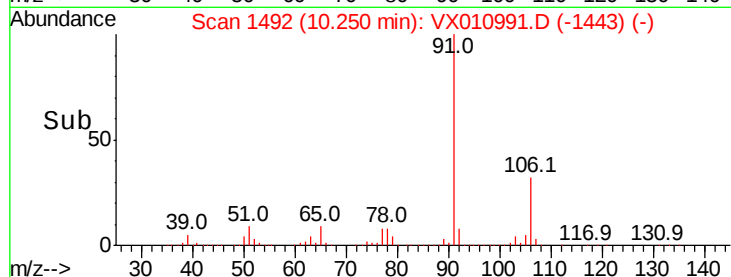
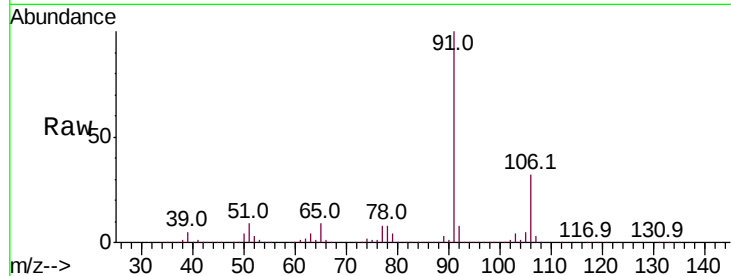
#67
Ethyl Benzene
Concen: 53.110 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 619197
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.2

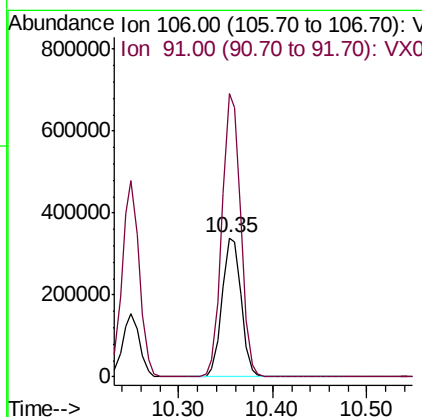
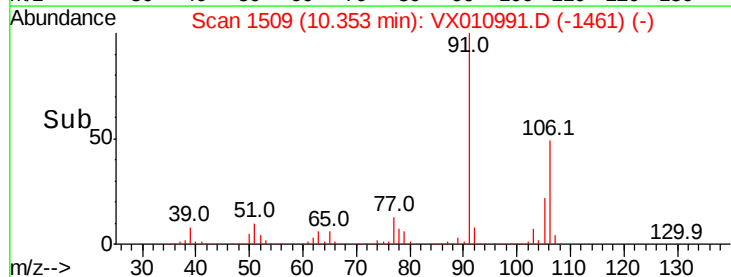
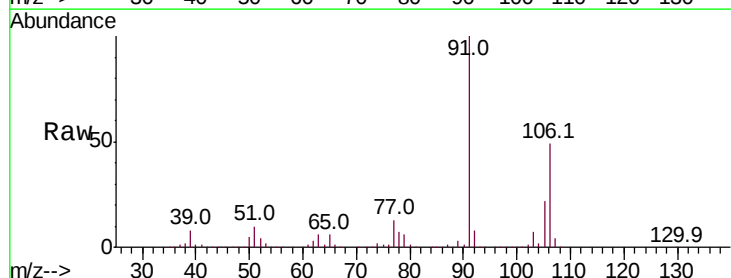
Manual Integrations
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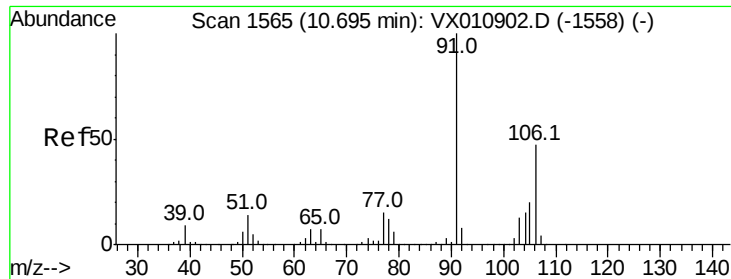
MMDadoda
7/22/2019 5:04:48 PM



#68
m/p-Xylenes
Concen: 106.053 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion: 106 Resp: 474290
Ion Ratio Lower Upper
106 100
91 200.1 160.1 240.1





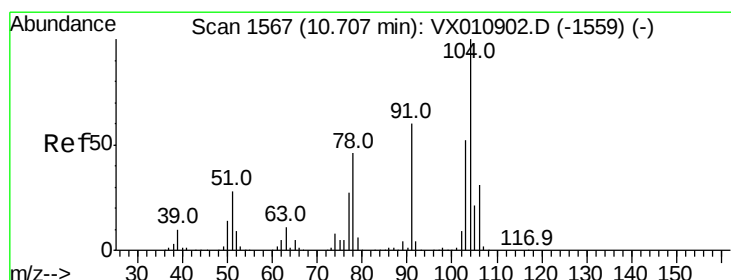
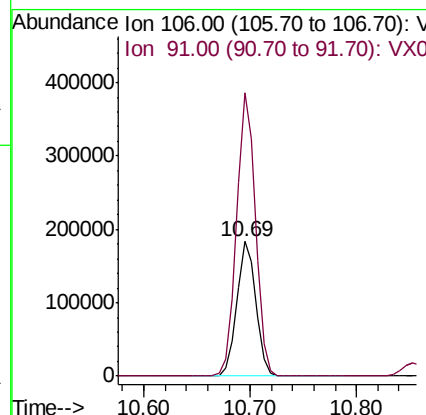
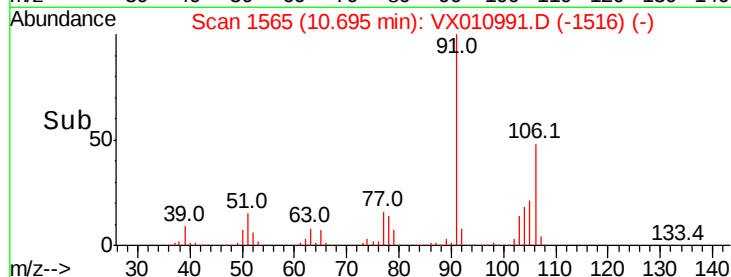
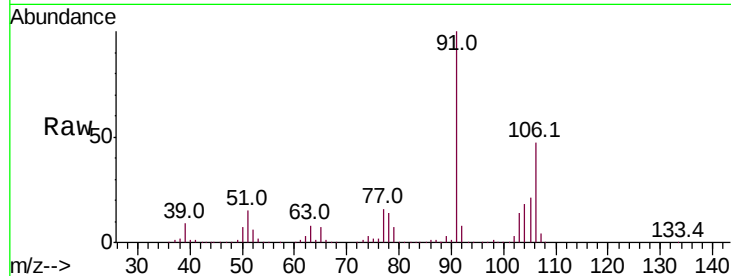
#69
o-Xylene
Concen: 52.725 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 230128
Ion Ratio Lower Upper
106 100
91 209.5 105.1 315.3

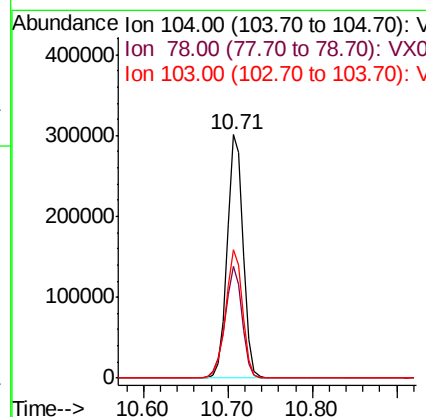
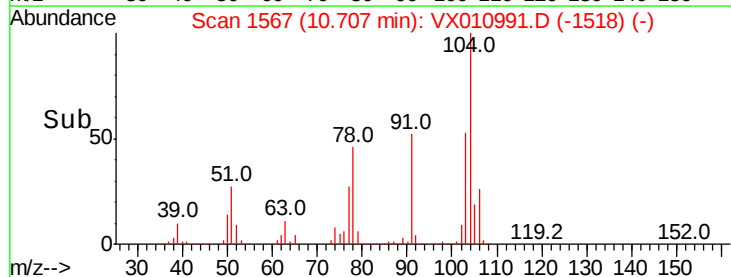
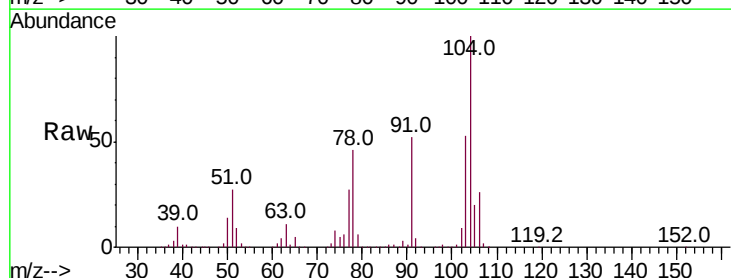
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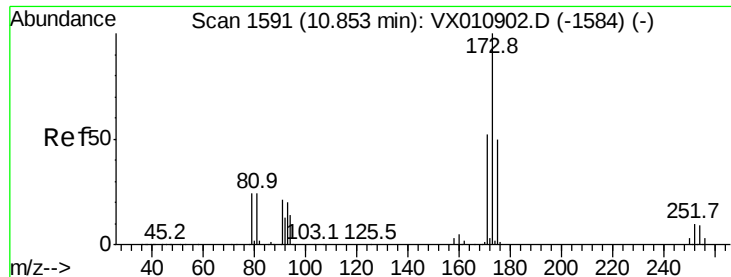
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#70
Styrene
Concen: 54.235 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion:104 Resp: 394610
Ion Ratio Lower Upper
104 100
78 49.2 38.8 58.2
103 55.9 44.2 66.4





#71

Bromoform

Concen: 50.121 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 109875

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.6

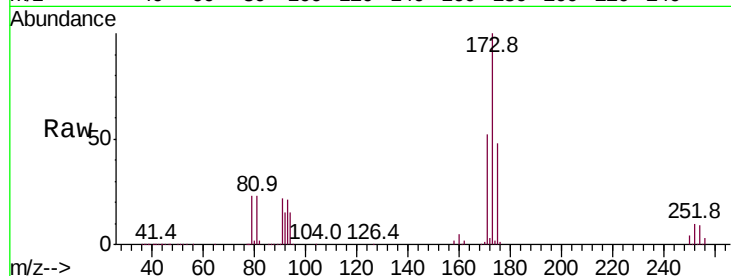
254 0.1 0.1 0.1#

Manual Integrations

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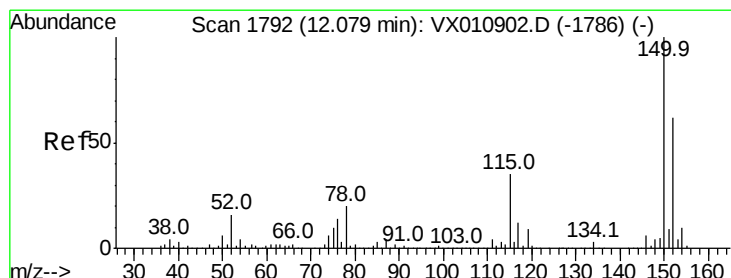
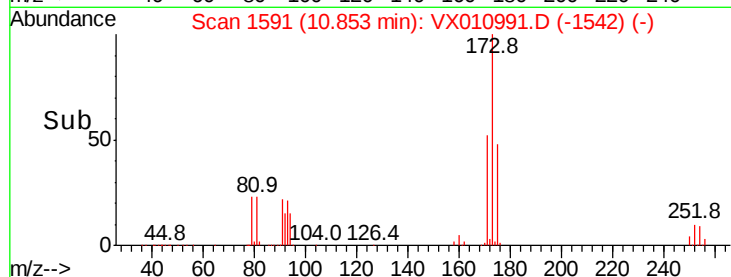
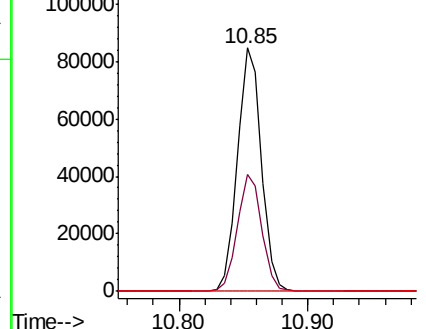
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

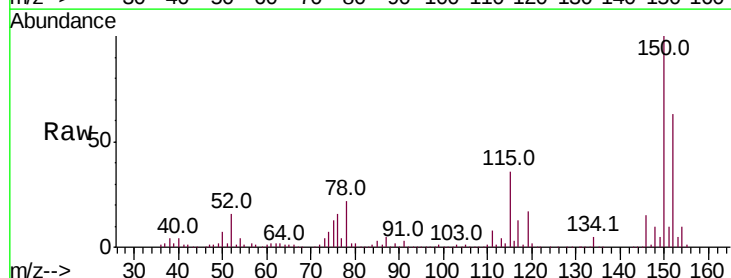
Tgt Ion:152 Resp: 179619

Ion Ratio Lower Upper

152 100

115 83.3 39.7 119.1

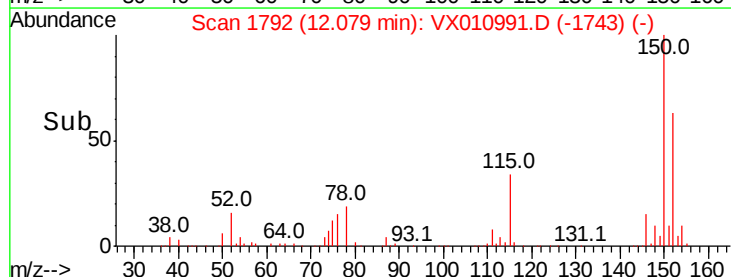
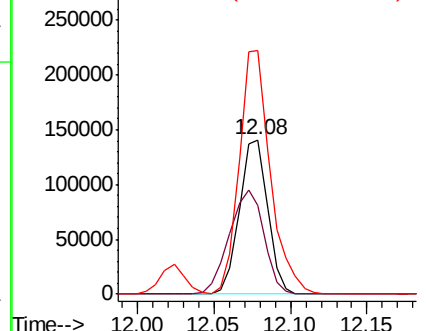
150 174.2 0.0 345.6

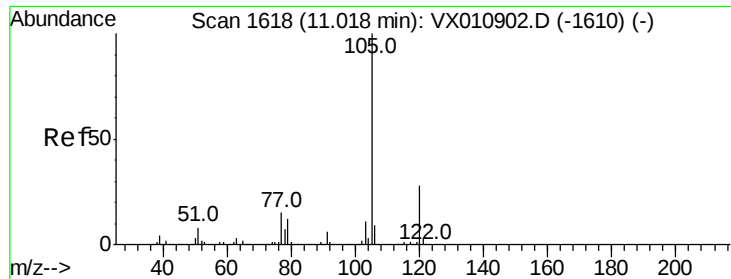


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.500 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 637187

Ion Ratio Lower Upper

105 100

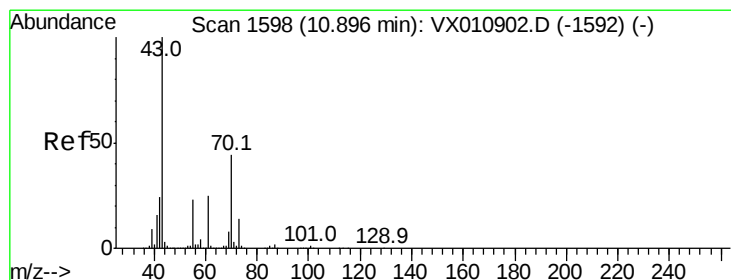
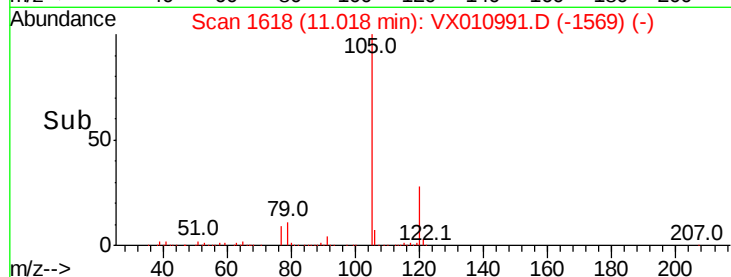
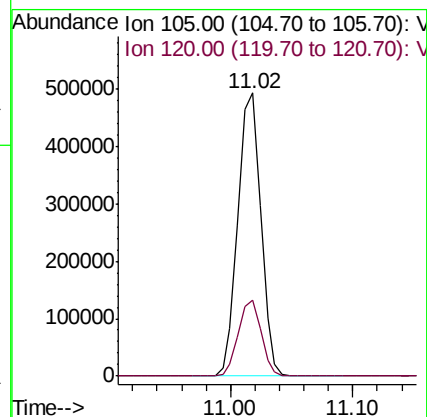
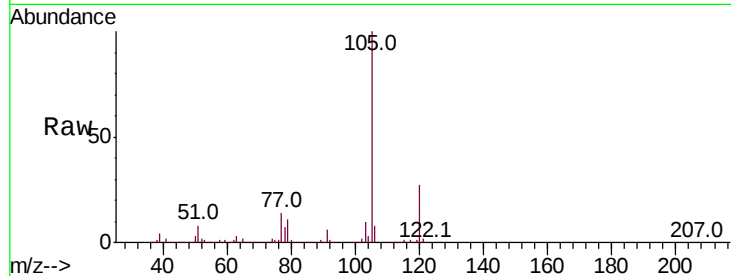
120 26.7 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.135 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Tgt Ion: 43 Resp: 241768

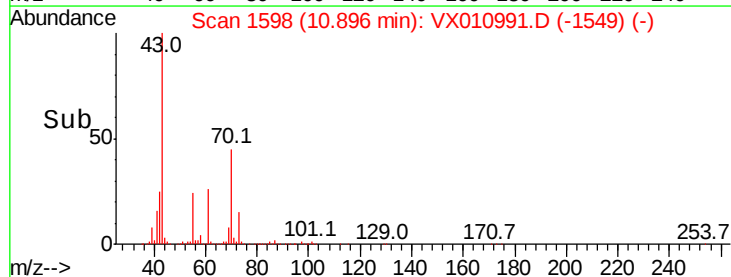
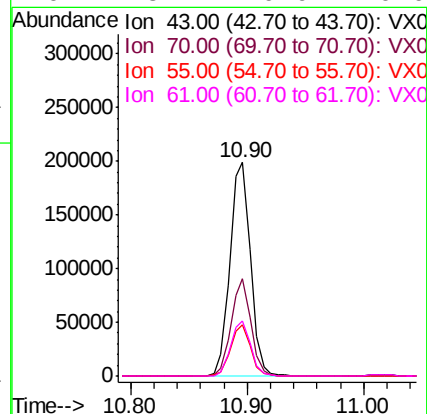
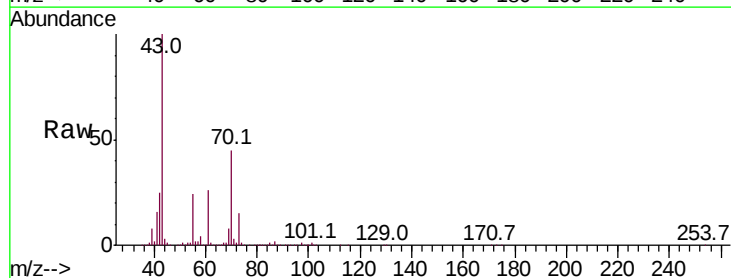
Ion Ratio Lower Upper

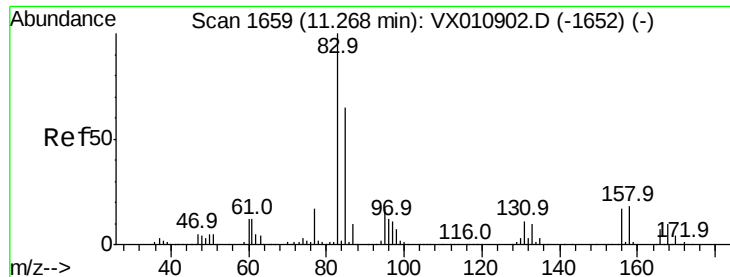
43 100

70 43.7 34.7 52.1

55 23.6 19.1 28.7

61 25.2 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.016 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

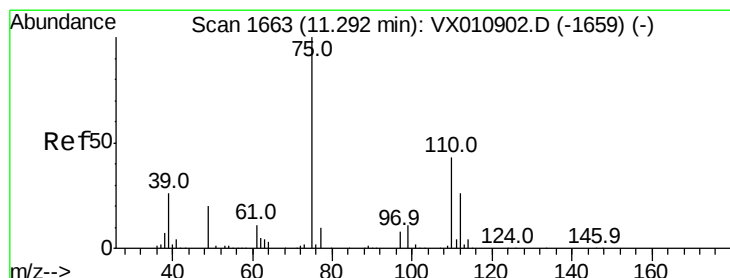
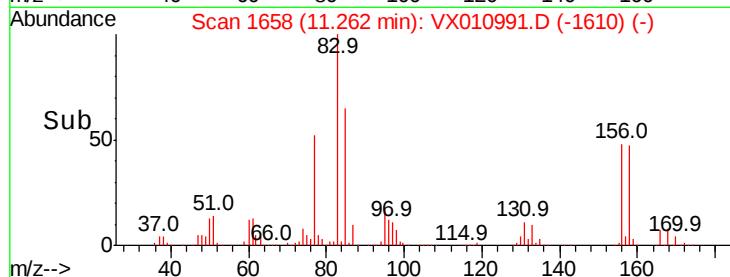
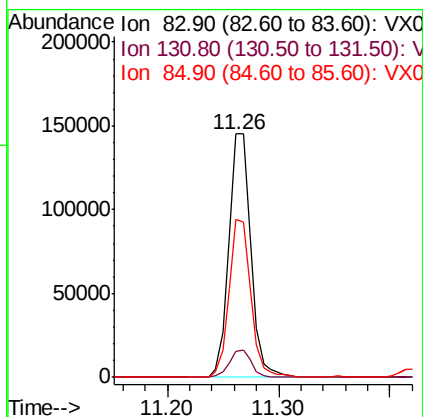
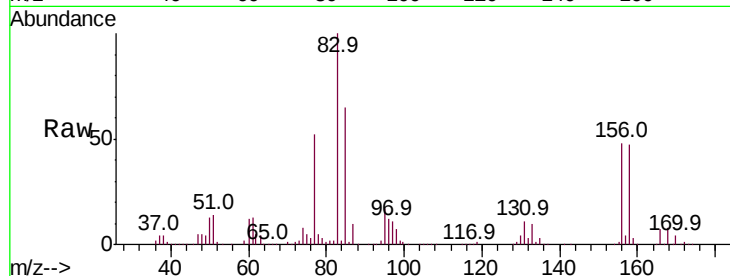
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	198655
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	64.0	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.674 ug/l m

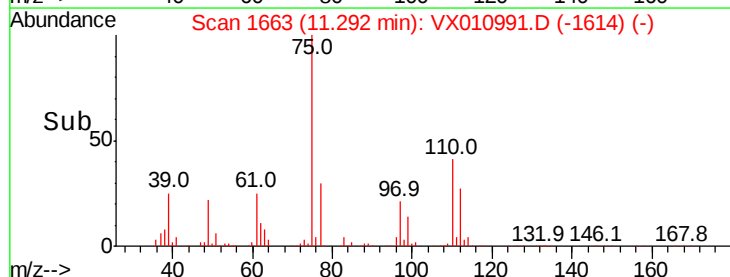
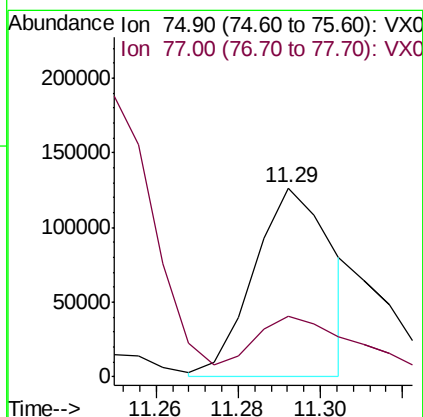
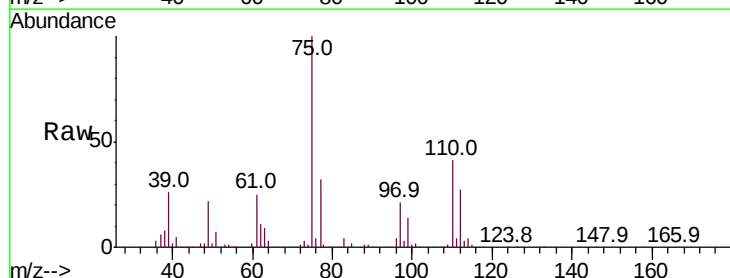
RT: 11.29 min Scan# 1663

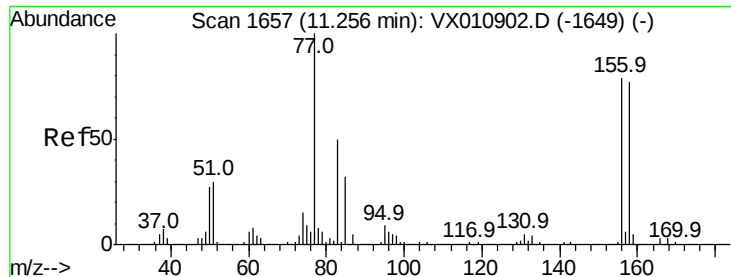
Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Tgt Ion:	75	Resp:	167491
Ion Ratio	Lower	Upper	
75	100		
77	42.7	21.3	64.0





#77

Bromobenzene

Concen: 50.459 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

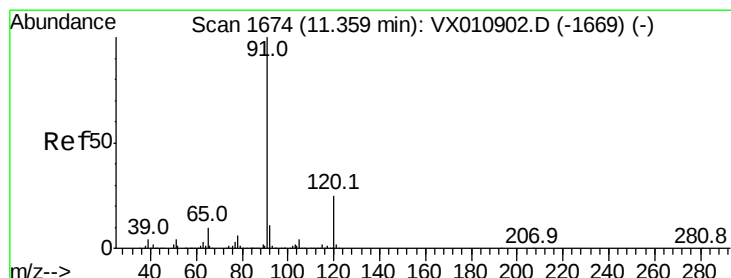
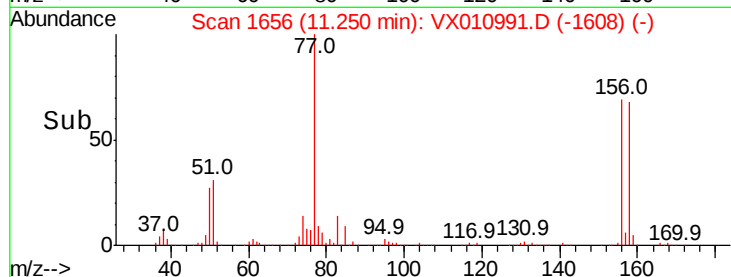
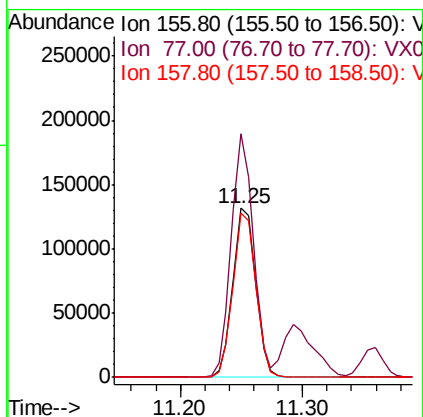
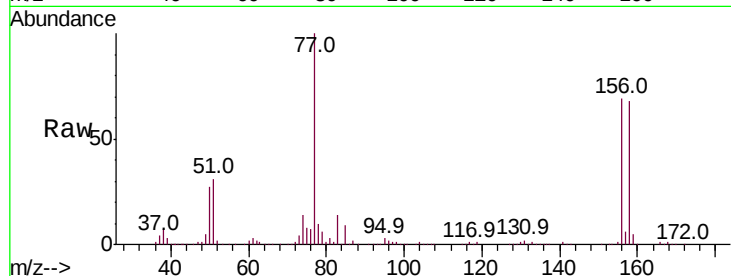
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	168926
Ion Ratio	Lower	Upper	
156	100		
77	139.6	68.7	206.1
158	97.5	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 53.634 ug/l

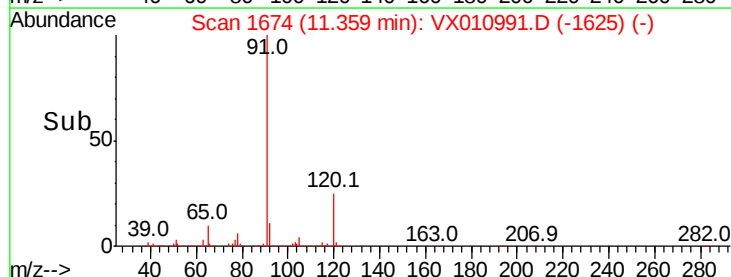
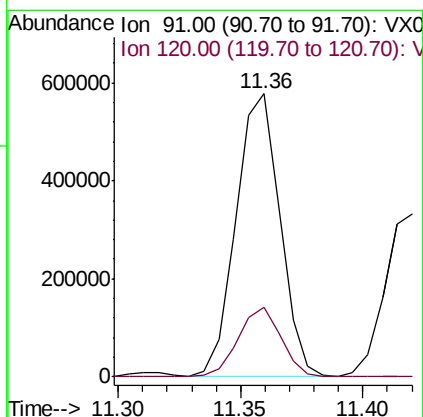
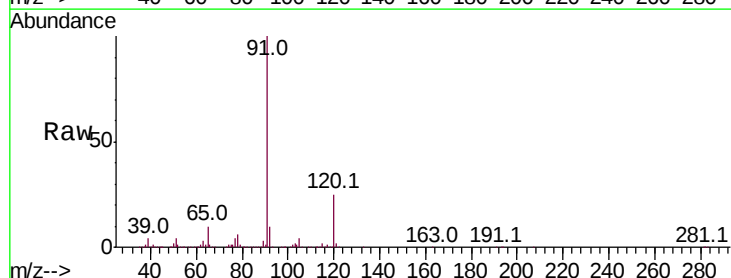
RT: 11.36 min Scan# 1674

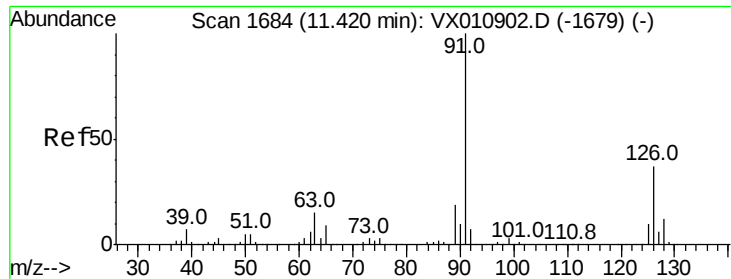
Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Tgt Ion:	91	Resp:	719250
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.3	36.8





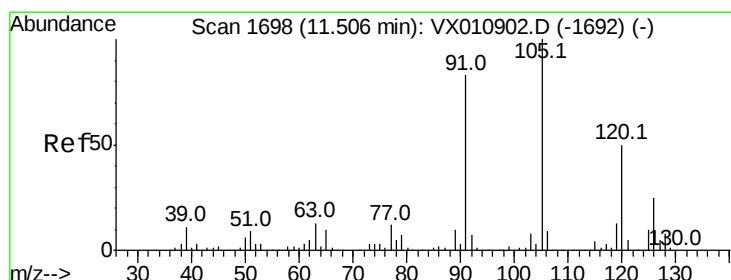
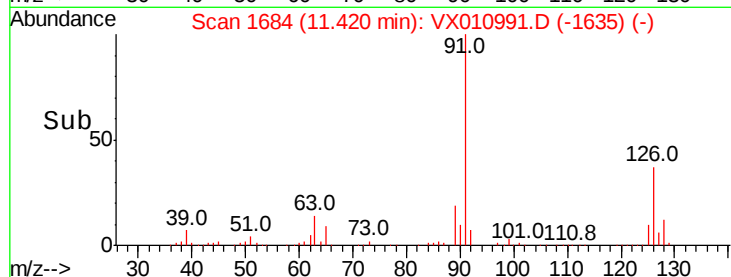
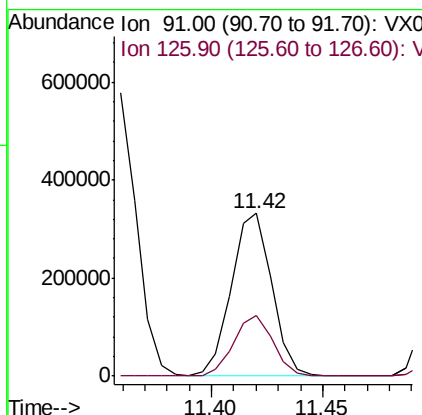
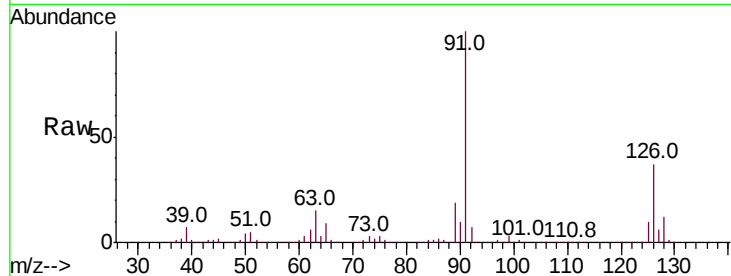
#79
 2-Chlorotoluene
 Concen: 52.019 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 419058
 Ion Ratio Lower Upper
 91 100
 126 36.4 18.0 54.0

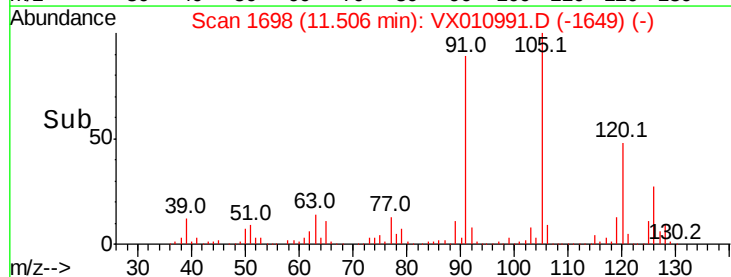
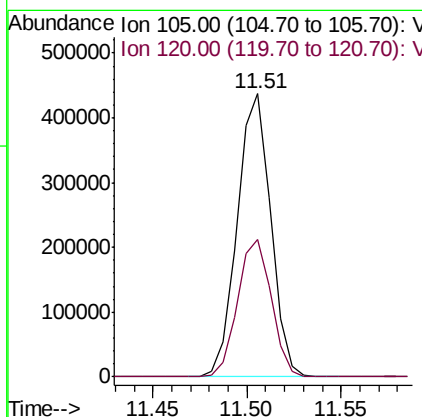
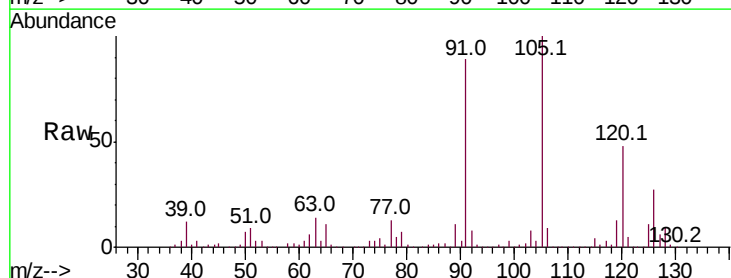
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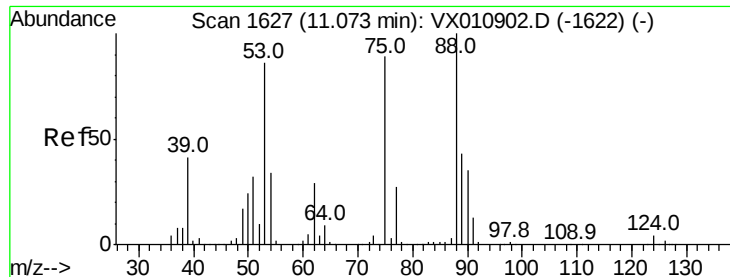
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.901 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion: 105 Resp: 536493
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.758 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 62241

Ion Ratio Lower Upper

75 100

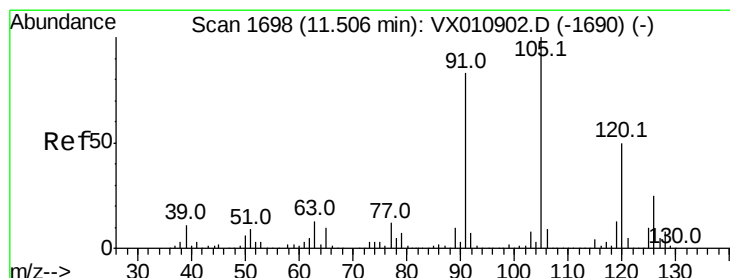
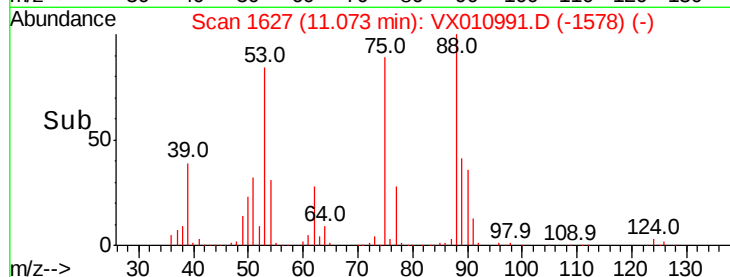
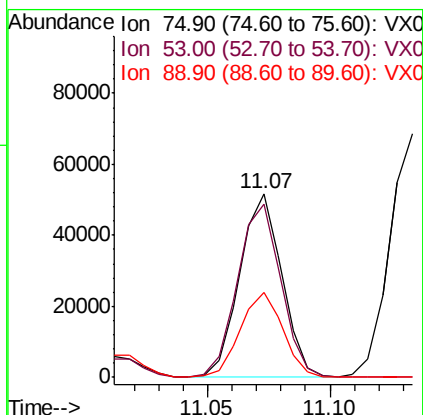
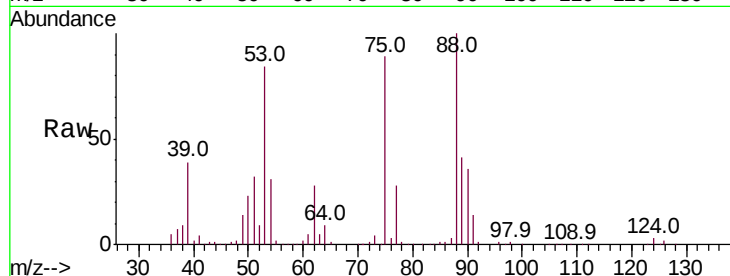
53 97.6 76.7 115.1

89 47.0 38.5 57.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.780 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010991.D

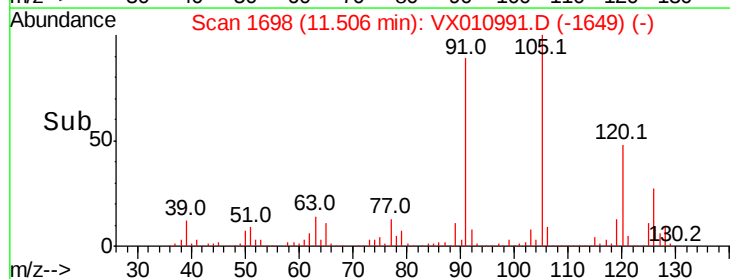
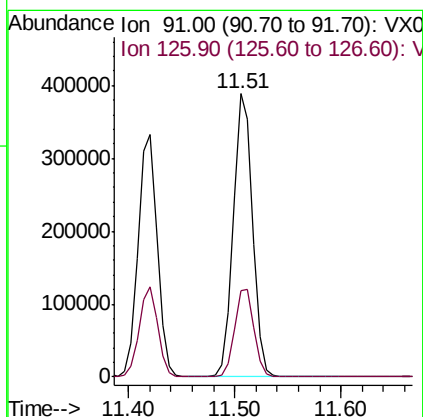
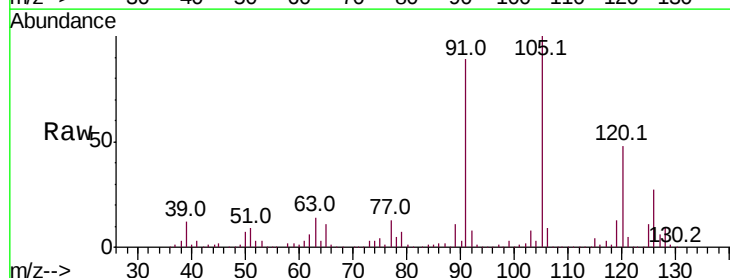
Acq: 19 Jul 2019 10:20

Tgt Ion: 91 Resp: 494871

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.7





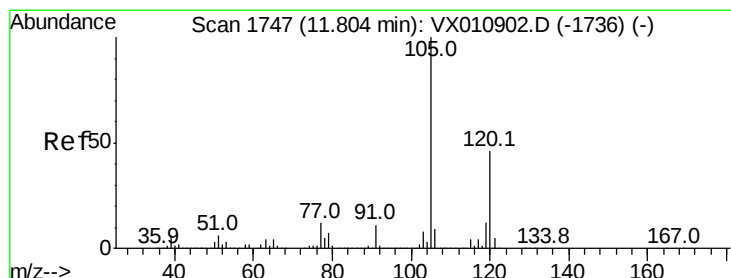
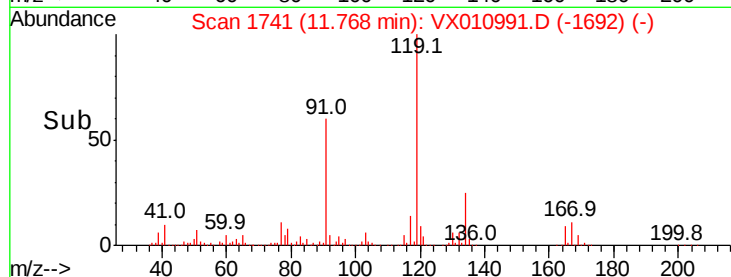
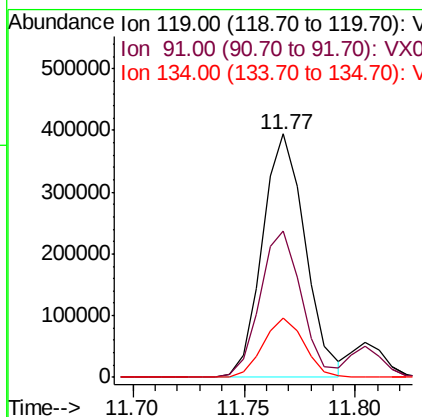
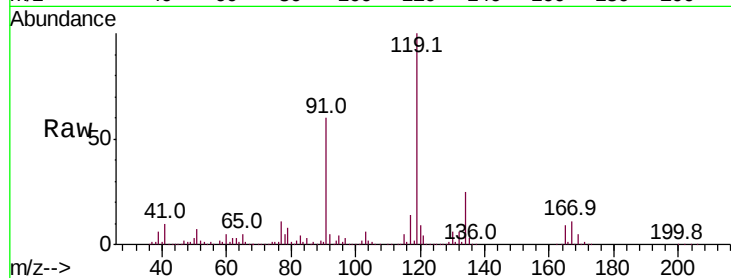
#83
tert-Butylbenzene
Concen: 52.918 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.6	28.6	85.8
134	23.5	11.6	34.8

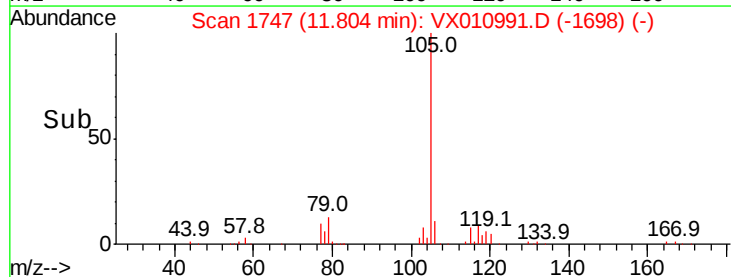
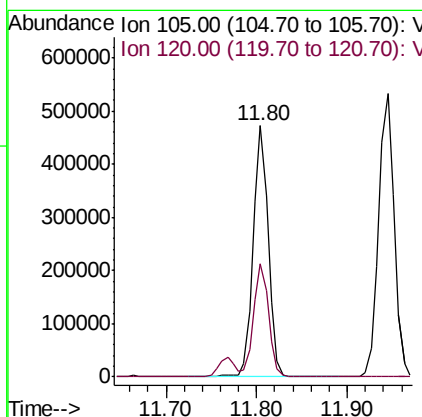
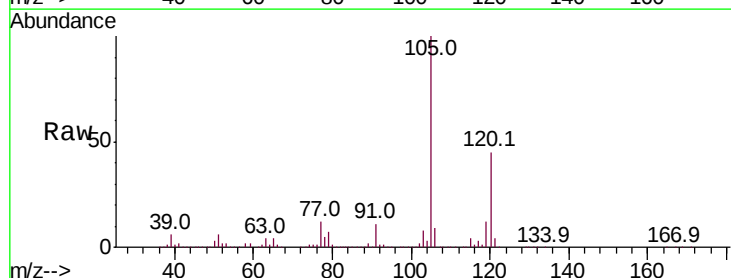
Manual Integrations
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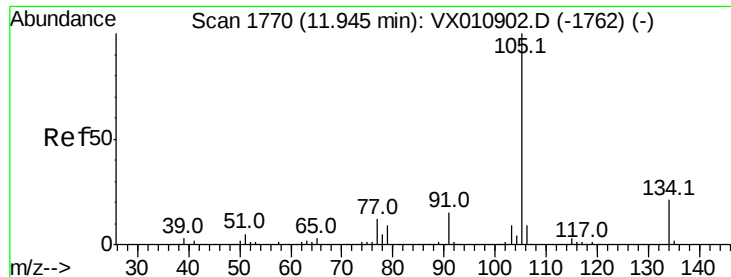
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#84
1,2,4-Trimethylbenzene
Concen: 53.077 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.5





#85

sec-Butylbenzene

Concen: 54.339 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 634263

Ion Ratio Lower Upper

105 100

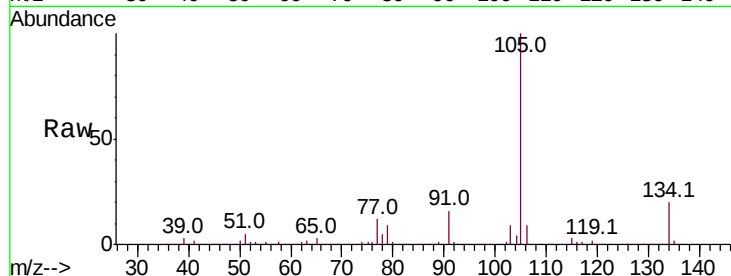
134 20.7 10.4 31.4

Manual Integrations

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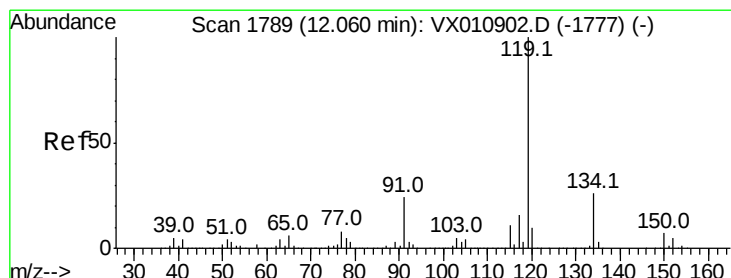
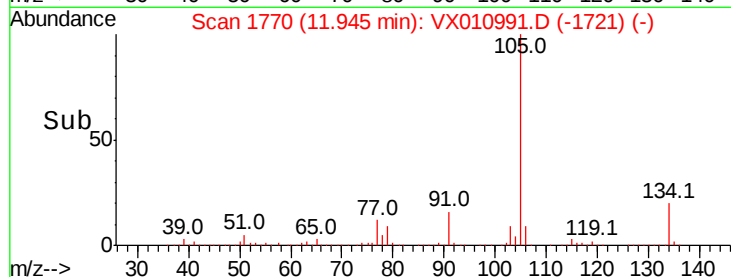
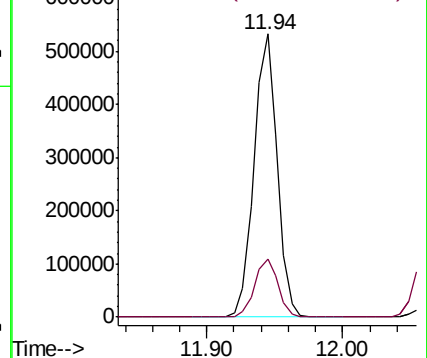
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.895 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

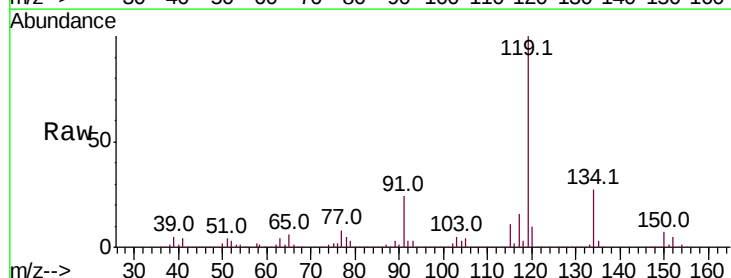
Tgt Ion:119 Resp: 592370

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

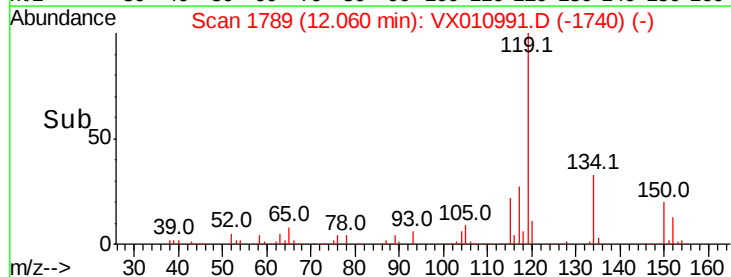
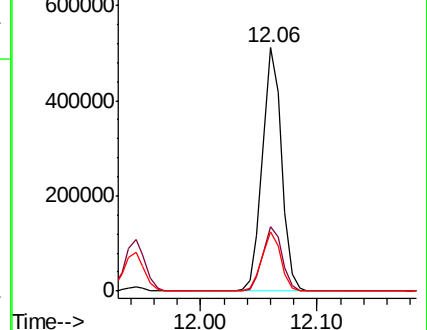
91 24.0 11.8 35.4

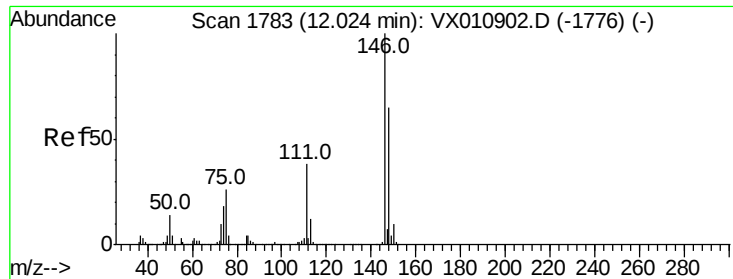


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 52.576 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010991.D

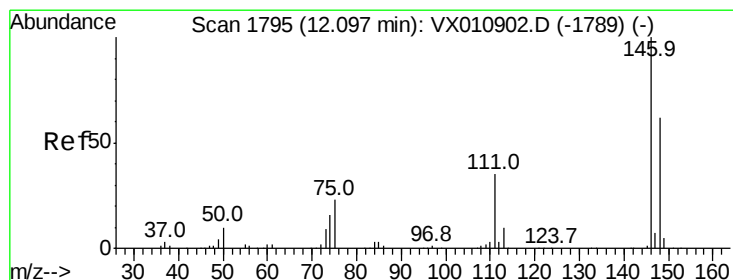
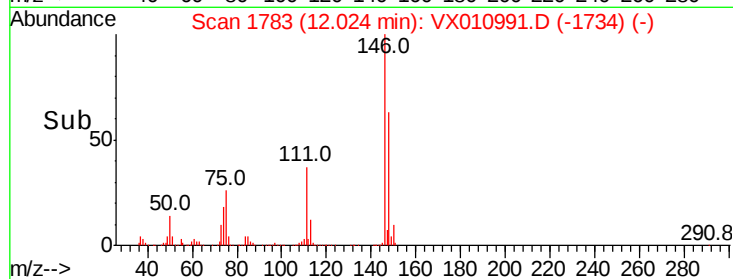
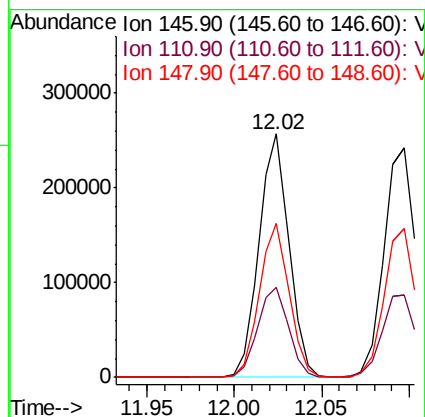
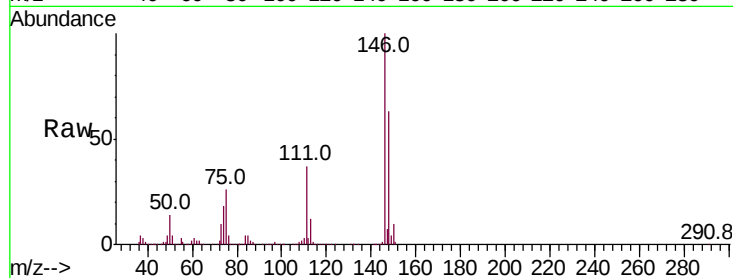
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	305453		
111	38.3	18.9	56.9	
148	63.2	32.2	96.6	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.194 ug/l

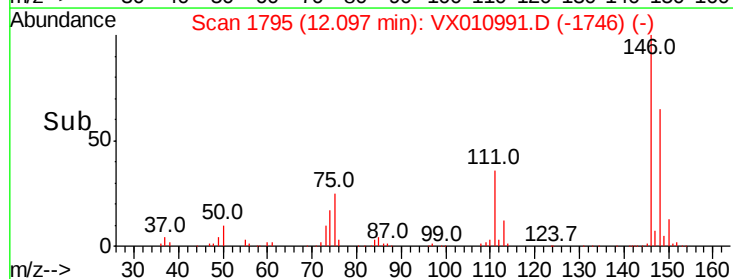
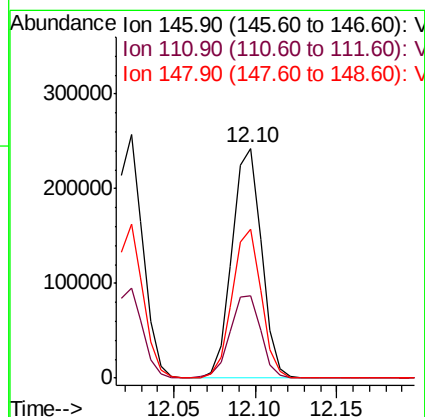
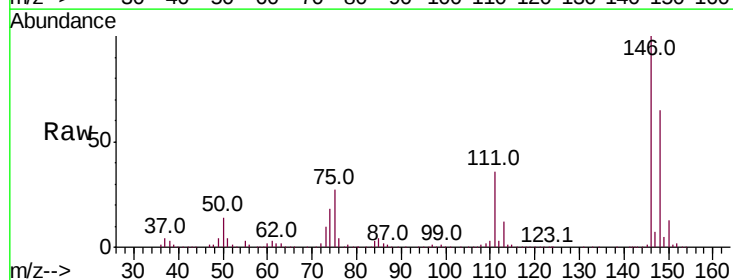
RT: 12.10 min Scan# 1795

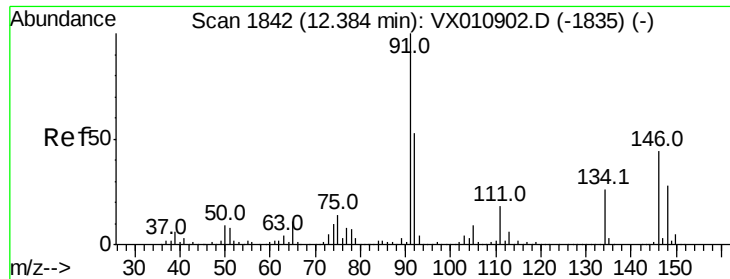
Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	305041		
111	37.4	18.6	55.8	
148	63.9	31.6	94.7	





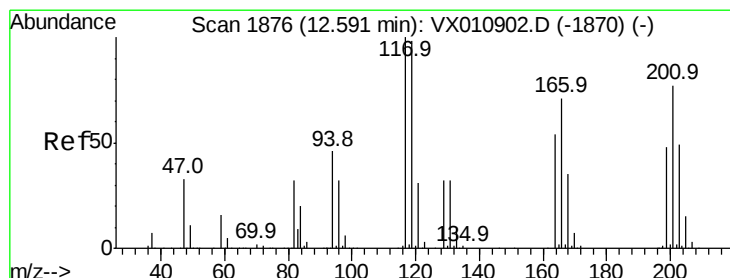
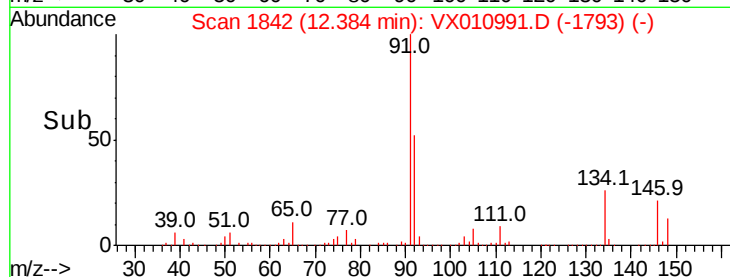
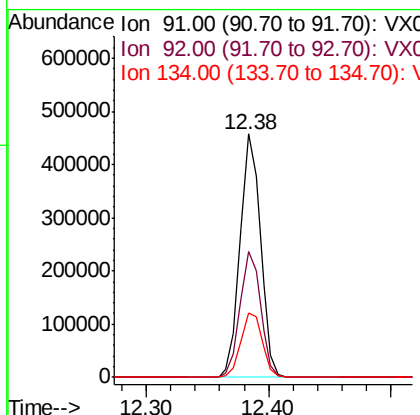
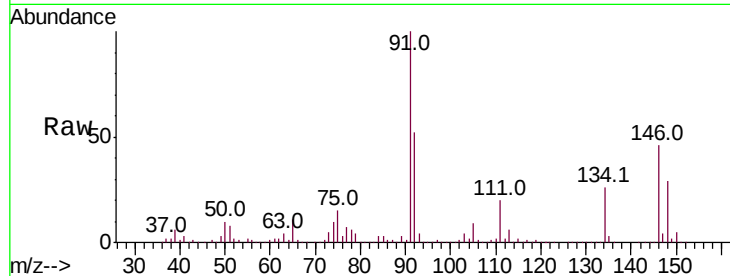
#89
n-Butylbenzene
Concen: 57.007 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	27.6	13.8	41.3

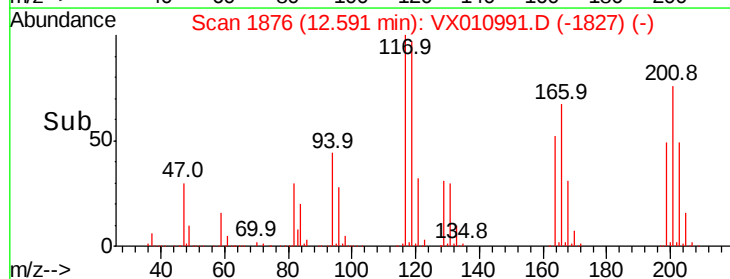
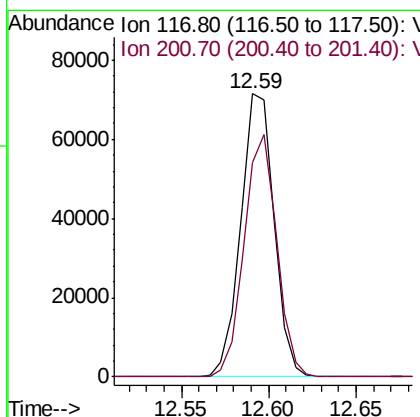
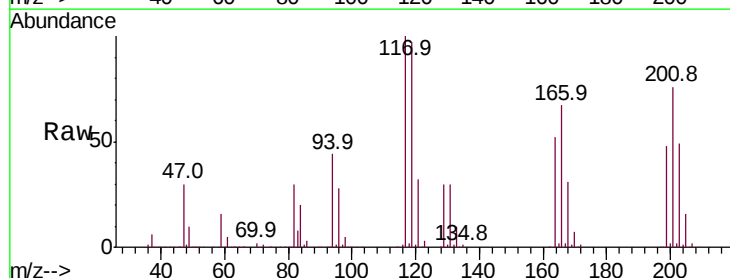
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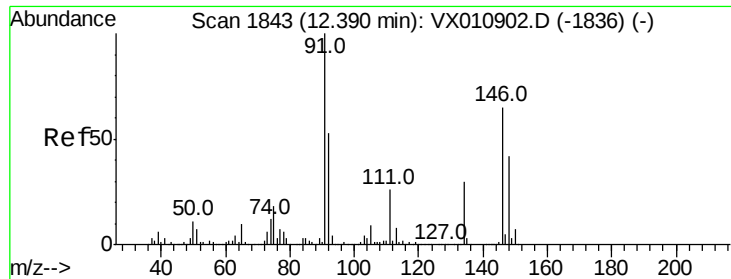
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#90
Hexachloroethane
Concen: 55.613 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010991.D
Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	43.3	129.8





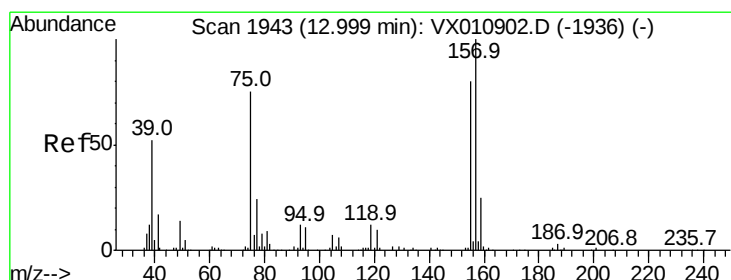
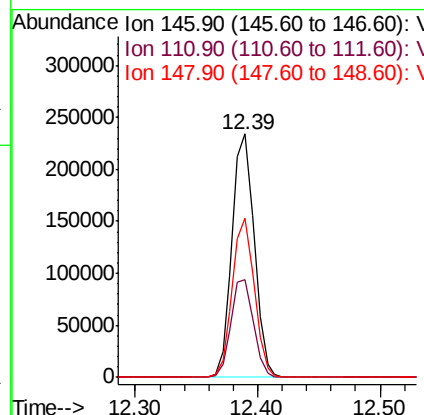
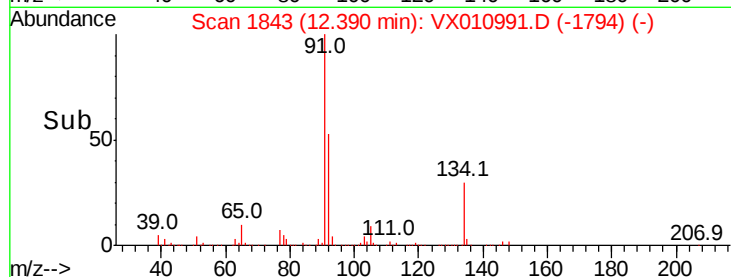
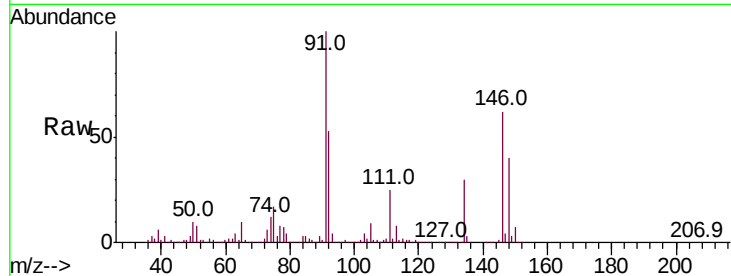
#91
 1,2-Dichlorobenzene
 Concen: 51.100 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	294231		
111	40.8	19.9	59.7	
148	64.8	32.0	96.2	

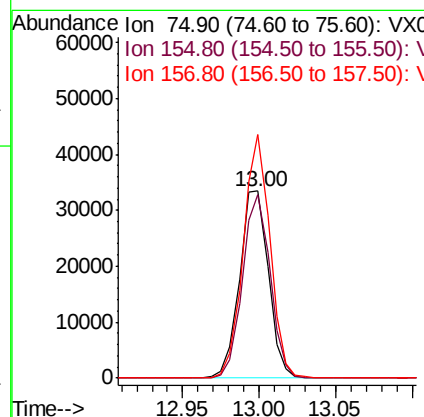
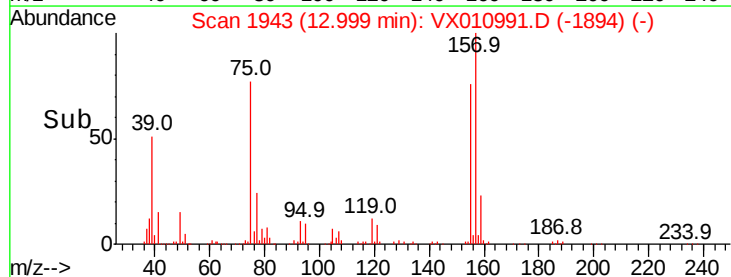
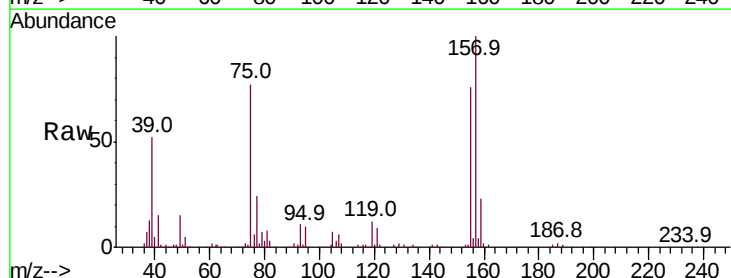
Manual Integrations
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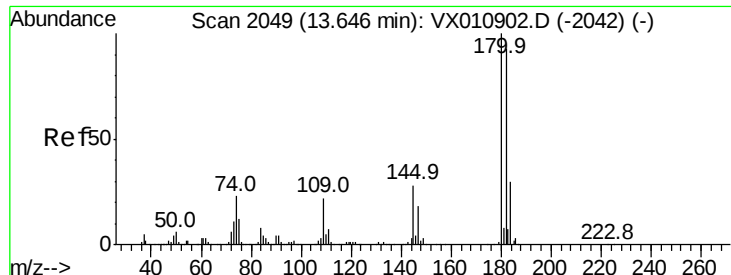
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.733 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	43781		
155	93.9	48.7	146.1	
157	119.8	62.5	187.6	





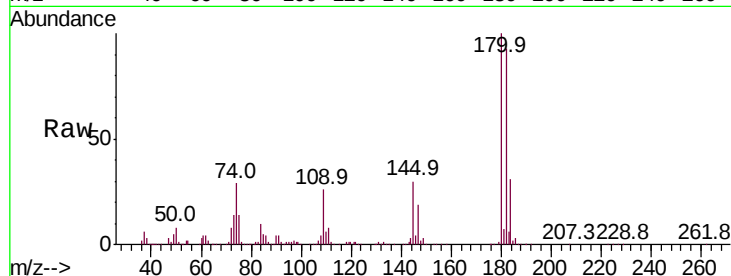
#93
 1,2,4-Trichlorobenzene
 Concen: 54.800 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.6	47.1	141.3	
145	29.8	14.8	44.4	

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 5:04:48 PM

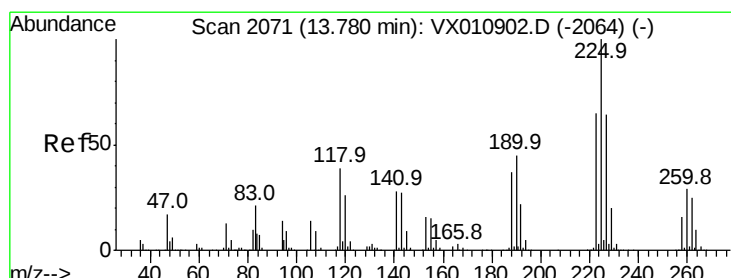
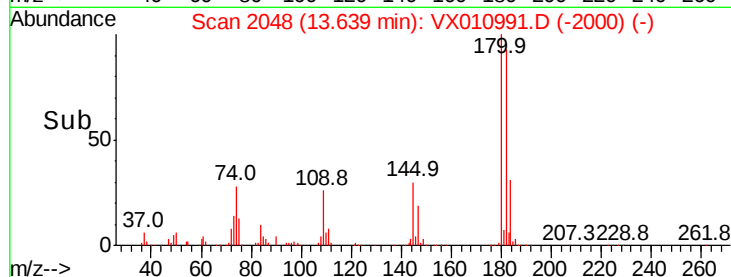
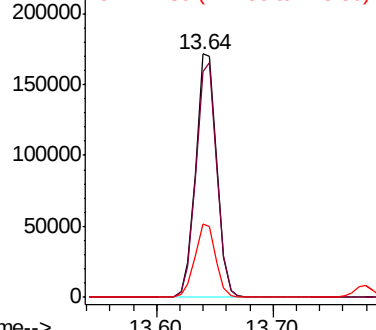


Abundance

Ion 179.80 (179.50 to 180.50): V

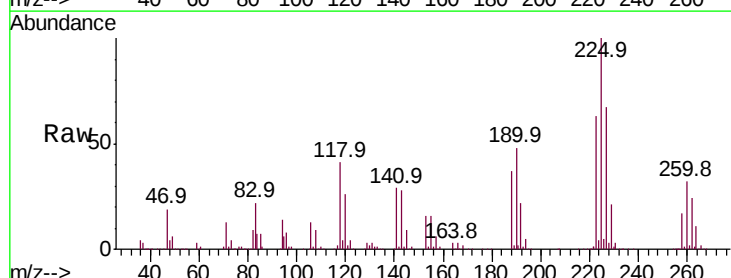
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 54.870 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010991.D
 Acq: 19 Jul 2019 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	31.9	95.9	
227	65.5	32.5	97.4	

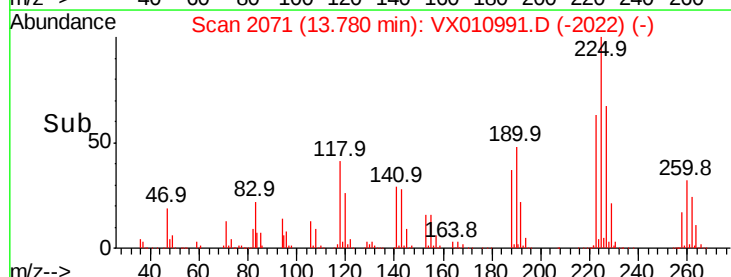
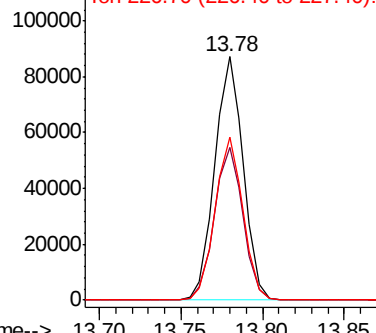


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.577 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Instrument :

MSVOA_X

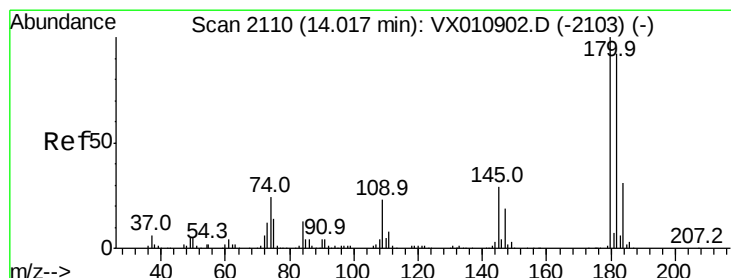
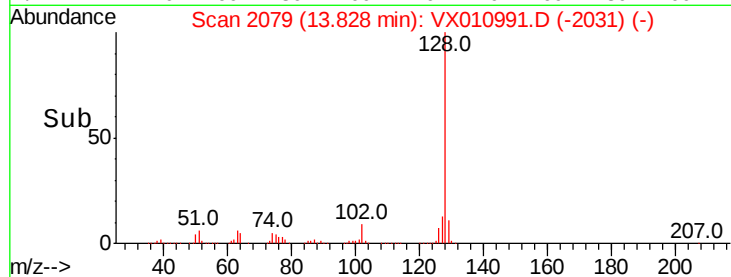
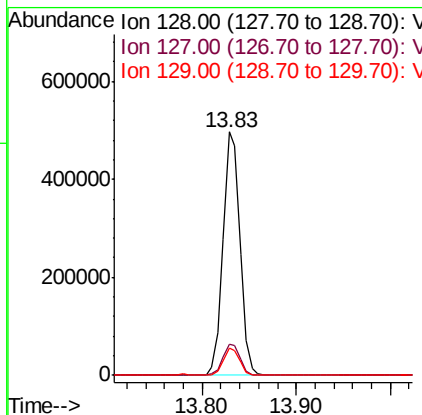
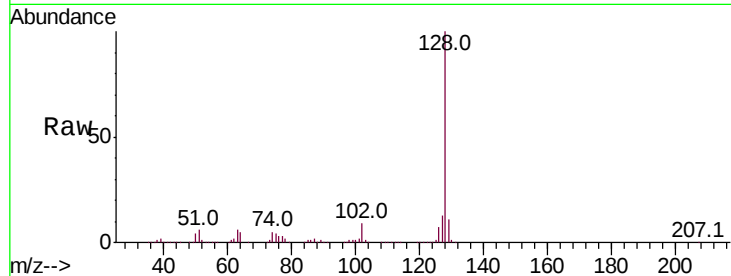
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	617360
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/22/2019 5:04:48 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.120 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010991.D

Acq: 19 Jul 2019 10:20

Tgt Ion:	180	Resp:	210128
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.4	142.3
145	31.3	15.1	45.3

