

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020419\
 Data File : VX007363.D
 Acq On : 04 Feb 2019 16:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 9:52:50 AM

Quant Time: Feb 05 01:00:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	493236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	723114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	661596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	342083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	252799	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	5.51	113	227775	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	8.71	98	861514	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.13	95	302225	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	293899	48.495	ug/l	99
3) Chloromethane	1.33	50	266641	47.995	ug/l	100
4) Vinyl Chloride	1.41	62	278316	51.065	ug/l	100
5) Bromomethane	1.64	94	268383	49.800	ug/l	99
6) Chloroethane	1.72	64	168238	47.718	ug/l	99
7) Trichlorofluoromethane	1.93	101	417149	48.927	ug/l	99
8) Diethyl Ether	2.19	74	151680	47.266	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	239351	47.195	ug/l	99
10) Methyl Iodide	2.51	142	374146	50.150	ug/l	99
11) Tert butyl alcohol	3.07	59	282603	260.836	ug/l	98
12) 1,1-Dichloroethene	2.37	96	219829	46.679	ug/l	98
13) Acrolein	2.30	56	145374	286.136	ug/l	99
14) Allyl chloride	2.73	41	382936	49.904	ug/l	99
15) Acrylonitrile	3.15	53	671391	250.498	ug/l	100
16) Acetone	2.45	43	627044	261.470	ug/l	100
17) Carbon Disulfide	2.57	76	575230	46.850	ug/l	100
18) Methyl Acetate	2.78	43	358351	57.263	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	743015	48.699	ug/l	99
20) Methylene Chloride	2.86	84	247103	50.449	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	234386	46.721	ug/l	99
22) Diisopropyl ether	3.87	45	686600	48.644	ug/l	98
23) Vinyl Acetate	3.82	43	2956770	252.441	ug/l	100
24) 1,1-Dichloroethane	3.70	63	382345	47.170	ug/l	99
25) 2-Butanone	4.70	43	881852	258.391	ug/l	97
26) 2,2-Dichloropropane	4.59	77	301931	48.912	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	251990	45.988	ug/l	98
28) Bromochloromethane	5.02	49	176770	47.422	ug/l	97
29) Tetrahydrofuran	5.15	42	563937	262.729	ug/l	99
30) Chloroform	5.21	83	405909	47.990	ug/l	100
31) Cyclohexane	5.57	56	341407	46.896	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	352779	49.412	ug/l	99
36) 1,1-Dichloropropene	5.80	75	297813	45.902	ug/l	99
37) Ethyl Acetate	4.85	43	327195	49.888	ug/l	100
38) Carbon Tetrachloride	5.79	117	310561	49.339	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	365752	46.593	ug/l	96
40) Benzene	6.14	78	906813	47.448	ug/l	98
41) Methacrylonitrile	5.06	41	179354	51.024	ug/l	99
42) 1,2-Dichloroethane	6.20	62	308366	46.633	ug/l	99
43) Isopropyl Acetate	6.46	43	517872	51.156	ug/l	100
44) Trichloroethene	7.21	130	263576	45.791	ug/l	96
45) 1,2-Dichloropropane	7.51	63	228734	47.767	ug/l	100
46) Dibromomethane	7.66	93	163647	47.020	ug/l	99
47) Bromodichloromethane	7.90	83	298295	50.572	ug/l	99
48) Methyl methacrylate	7.77	41	267300	52.788	ug/l	100
49) 1,4-Dioxane	7.75	88	121754	1056.895	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1708267	256.333	ug/l	100
52) Toluene	8.79	92	589200	47.783	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	334630	52.816	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	357488	51.309	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	246665	47.989	ug/l	98
56) Ethyl methacrylate	9.18	69	354524	49.800	ug/l	100
57) 1,3-Dichloropropane	9.37	76	389315	47.628	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	949258	252.982	ug/l	99
59) 2-Hexanone	9.49	43	1303458	251.347	ug/l	100
60) Dibromochloromethane	9.59	129	259671	53.417	ug/l	99
61) 1,2-Dibromoethane	9.67	107	264008	48.501	ug/l	98
64) Tetrachloroethene	9.34	164	271230	43.496	ug/l	97
65) Chlorobenzene	10.14	112	673411	46.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	245653	50.751	ug/l	99
67) Ethyl Benzene	10.25	91	1119241	48.140	ug/l	98
68) m/p-Xylenes	10.36	106	889327	96.227	ug/l	99
69) o-Xylene	10.70	106	431054	48.471	ug/l	100
70) Styrene	10.71	104	697047	48.330	ug/l	100
71) Bromoform	10.86	173	197690	46.843	ug/l	99
73) Isopropylbenzene	11.02	105	1148382	49.400	ug/l	99
74) N-amyl acetate	10.90	43	463599	51.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	352207	49.715	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	344342m	51.750	ug/l	
77) Bromobenzene	11.26	156	310130	47.350	ug/l	98
78) n-propylbenzene	11.36	91	1286092	50.453	ug/l	100
79) 2-Chlorotoluene	11.42	91	745405	48.192	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	941276	49.493	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	108050	50.176	ug/l	94
82) 4-Chlorotoluene	11.51	91	878317	49.075	ug/l	99
83) tert-Butylbenzene	11.77	119	953750	50.652	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	967075	50.087	ug/l	99
85) sec-Butylbenzene	11.94	105	1139795	50.014	ug/l	100
86) p-Isopropyltoluene	12.07	119	1033321	50.230	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	542881	46.184	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	548836	46.021	ug/l	99
89) n-Butylbenzene	12.39	91	879486	49.697	ug/l	99
90) Hexachloroethane	12.60	117	165753	53.836	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	544788	46.570	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77893	52.877	ug/l	99

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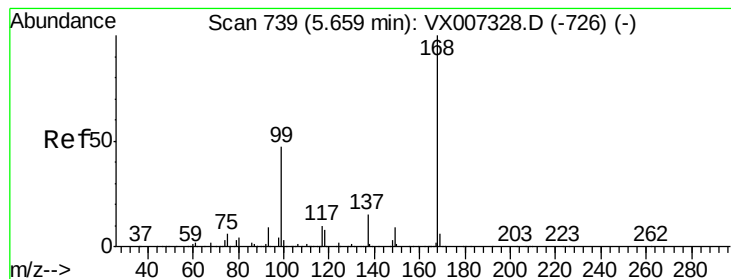
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	377524	47.854	ug/l	99
94) Hexachlorobutadiene	13.78	225	181859	47.473	ug/l	99
95) Naphthalene	13.83	128	1155724	50.096	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	372343	46.888	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 493236

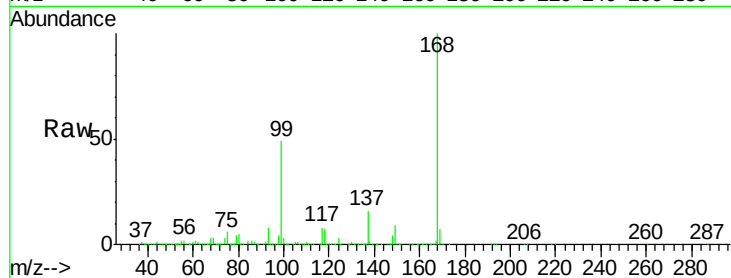
Ion Ratio Lower Upper

168 100

99 48.9 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

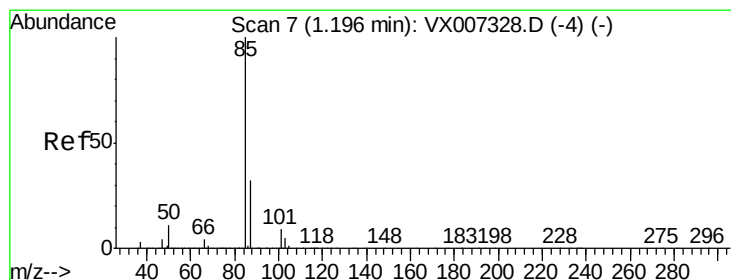
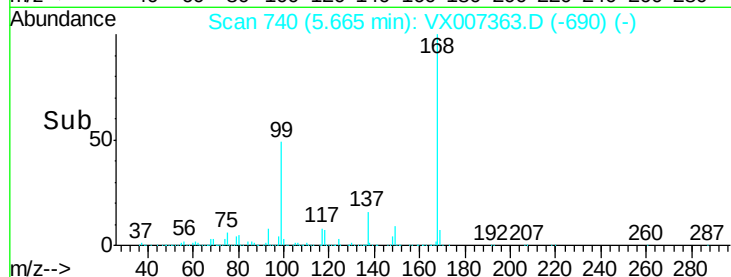
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.495 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007363.D

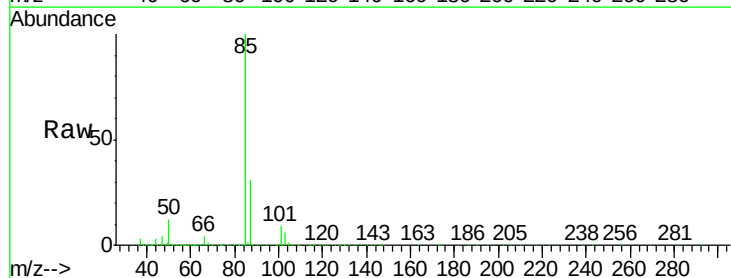
Acq: 04 Feb 2019 16:56

Tgt Ion: 85 Resp: 293899

Ion Ratio Lower Upper

85 100

87 30.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

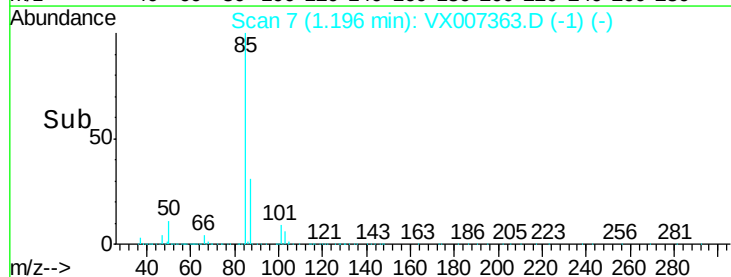
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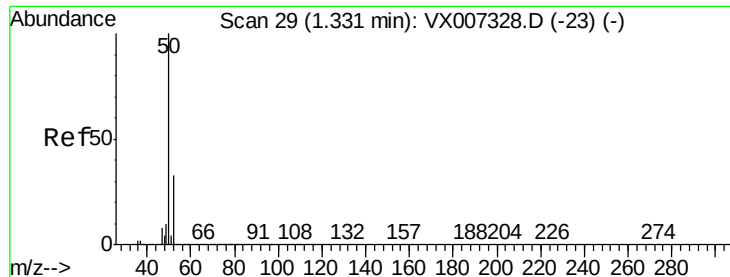
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.995 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 266641

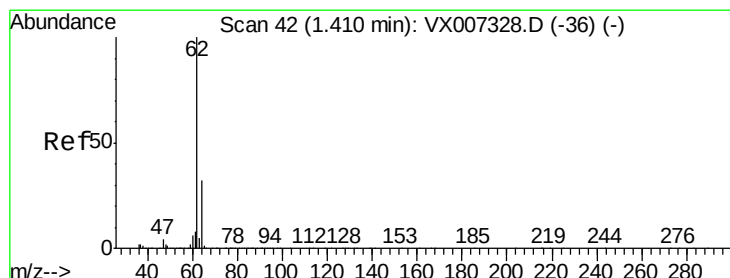
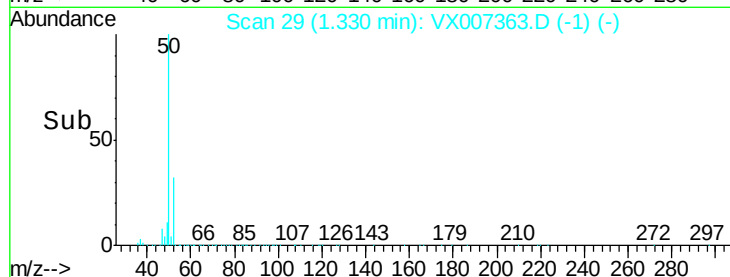
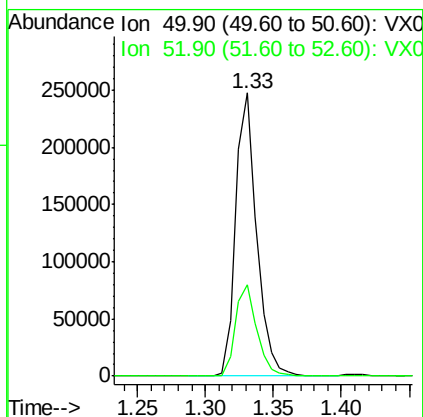
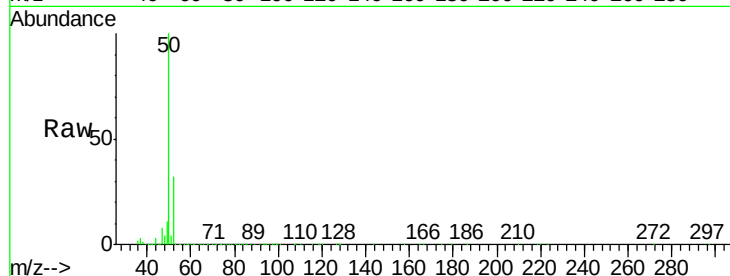
Ion Ratio Lower Upper

50 100

52 32.3 26.1 39.1

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#4

Vinyl Chloride

Concen: 51.065 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007363.D

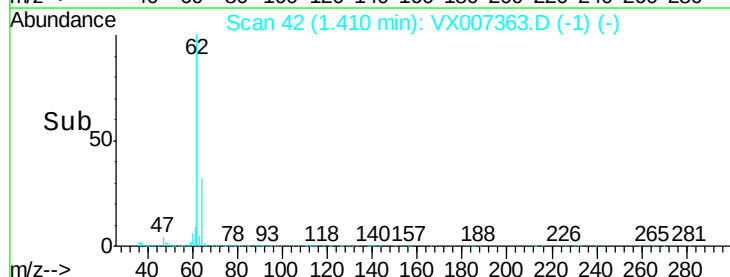
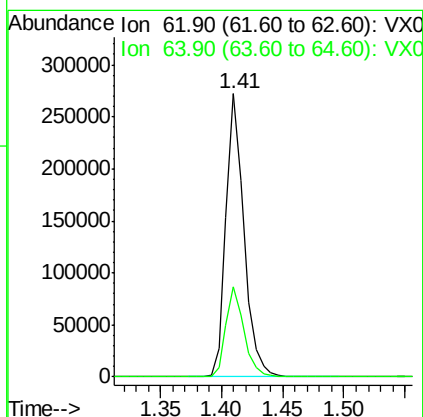
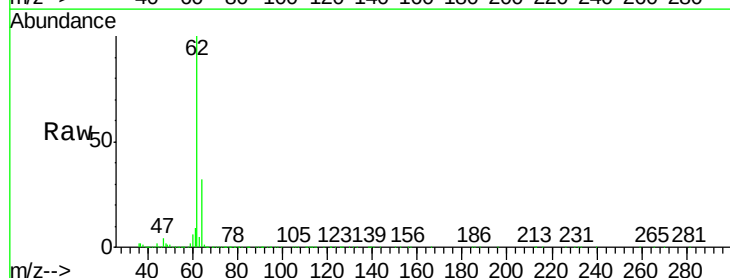
Acq: 04 Feb 2019 16:56

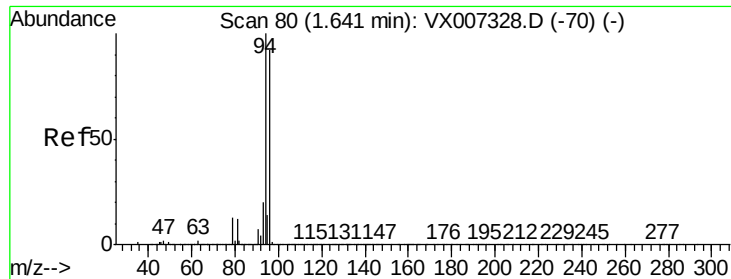
Tgt Ion: 62 Resp: 278316

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 49.800 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 268383

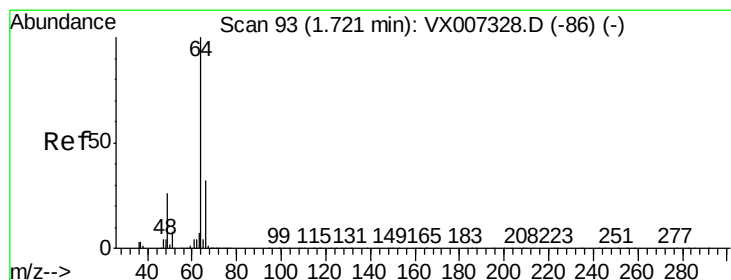
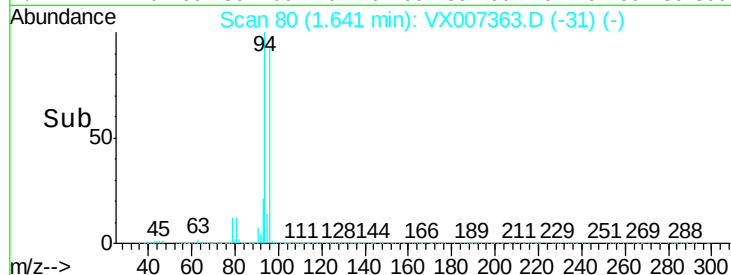
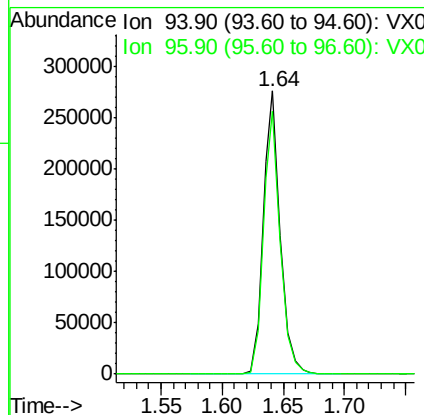
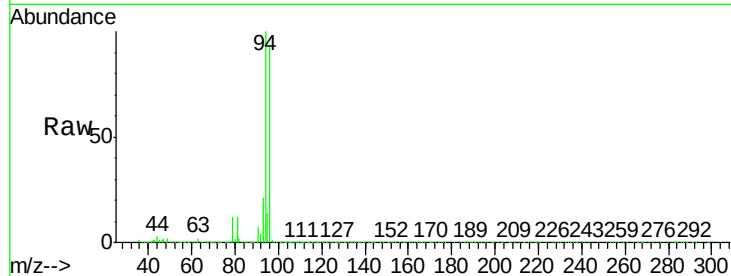
Ion Ratio Lower Upper

94 100

96 92.9 73.9 110.9

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2/5/2019 9:52:50 AM



#6

Chloroethane

Concen: 47.718 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007363.D

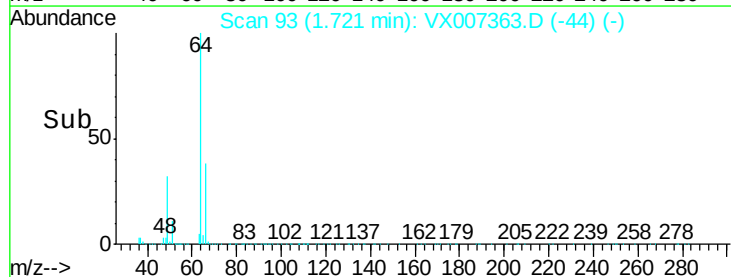
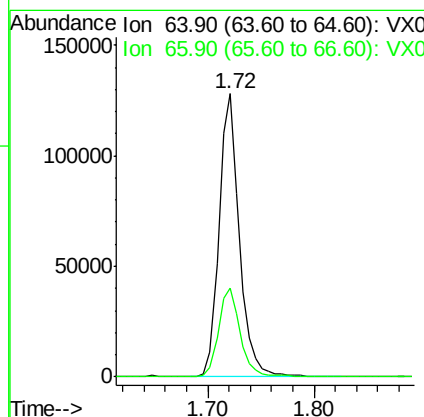
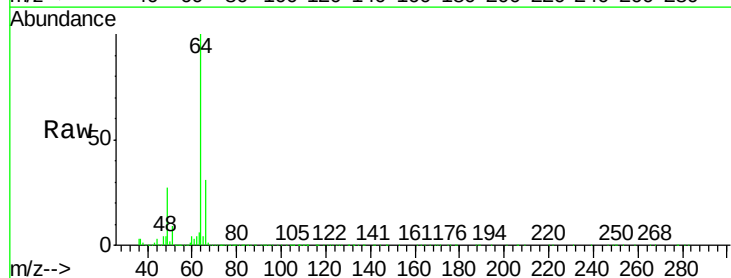
Acq: 04 Feb 2019 16:56

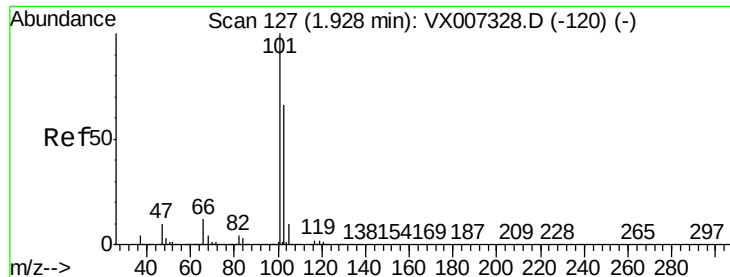
Tgt Ion: 64 Resp: 168238

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3





#7

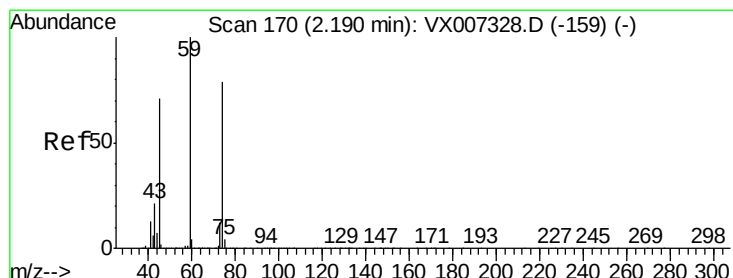
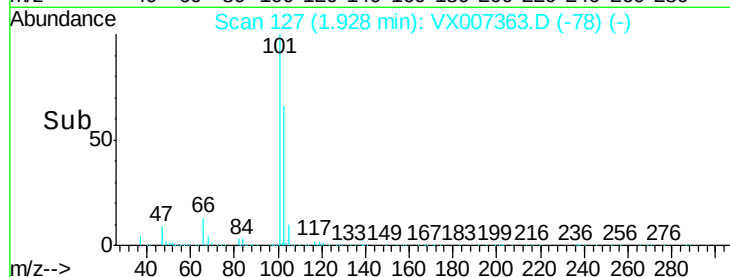
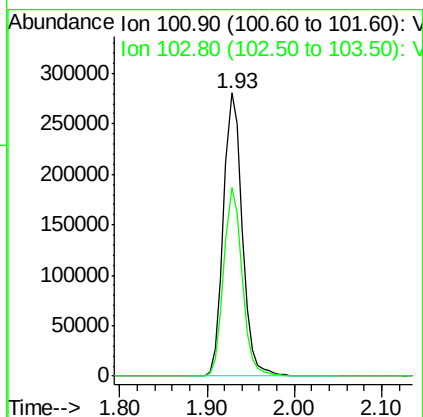
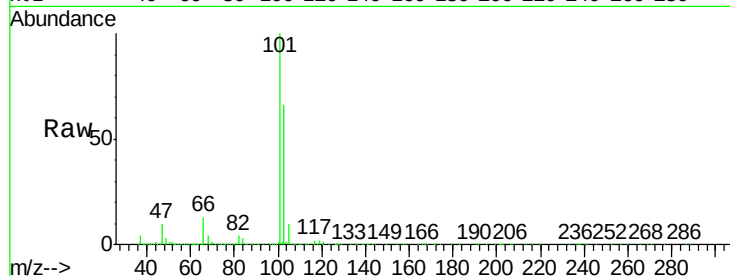
Trichlorofluoromethane
Concen: 48.927 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.6	79.0

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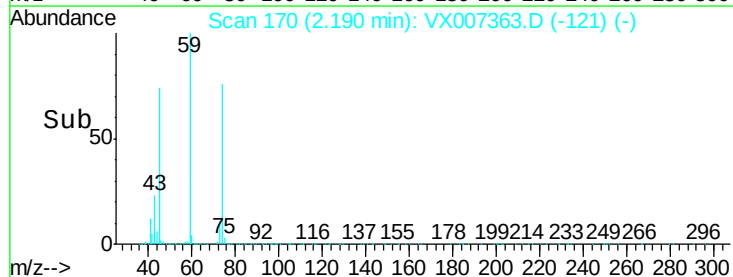
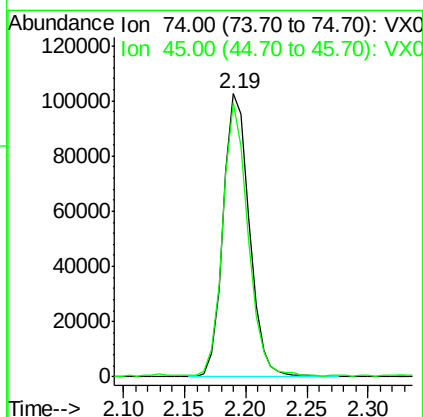
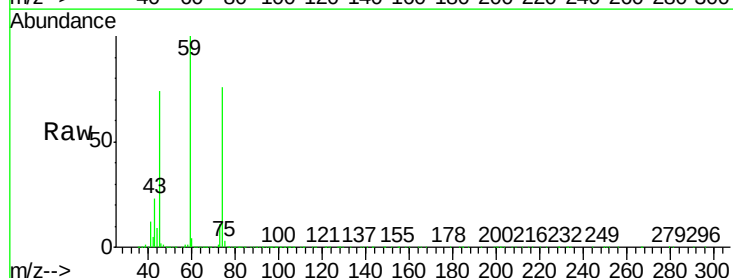
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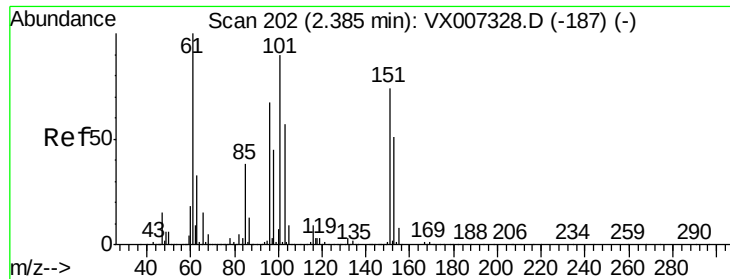


#8

Diethyl Ether
Concen: 47.266 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.195 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

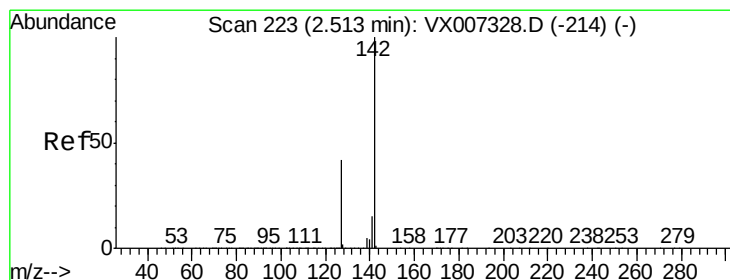
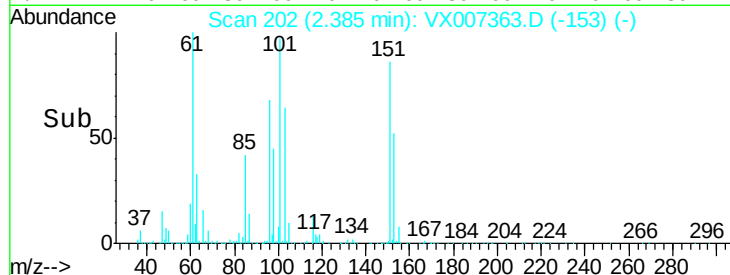
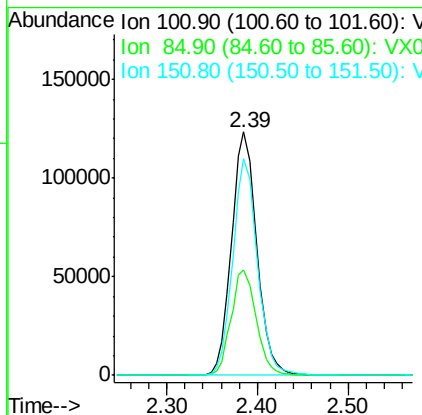
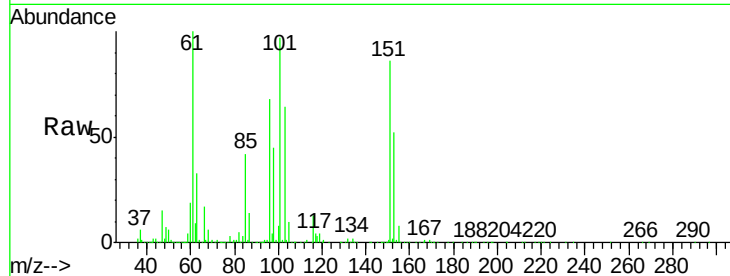
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	239351
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.1	51.1
151	87.2	69.9	104.9

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#10

Methyl Iodide

Concen: 50.150 ug/l

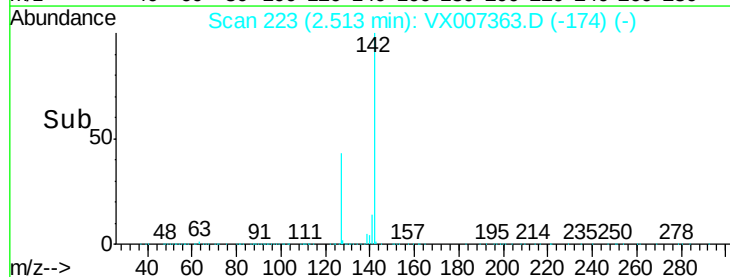
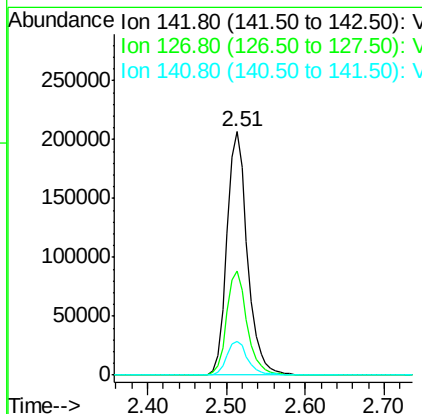
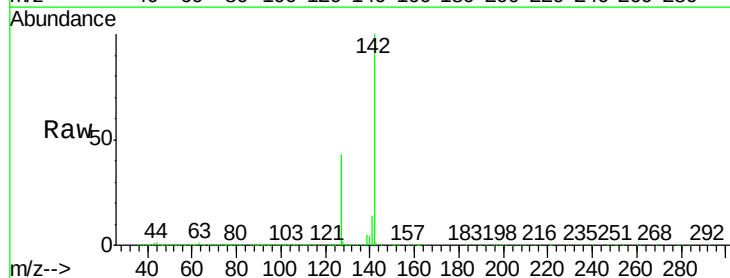
RT: 2.51 min Scan# 223

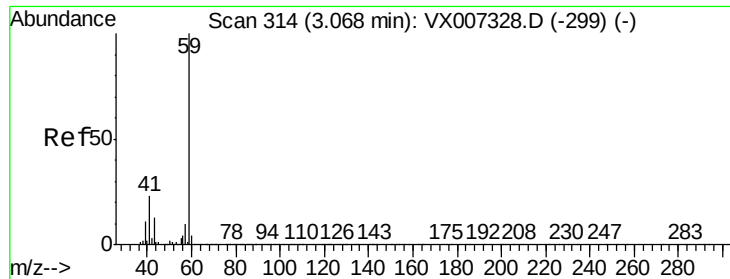
Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Tgt Ion:	142	Resp:	374146
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.7	50.5
141	14.2	11.3	16.9





#11

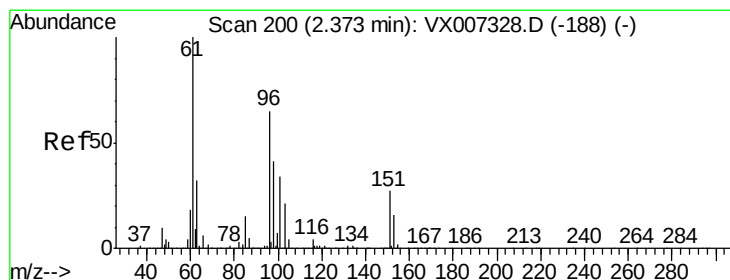
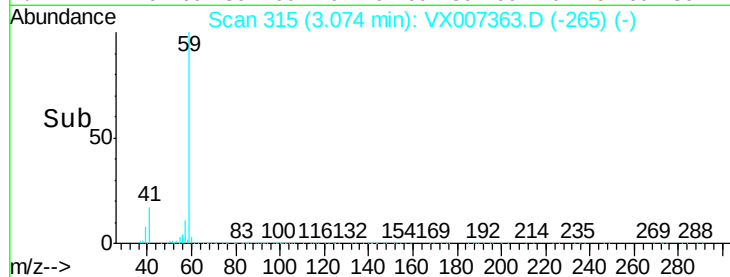
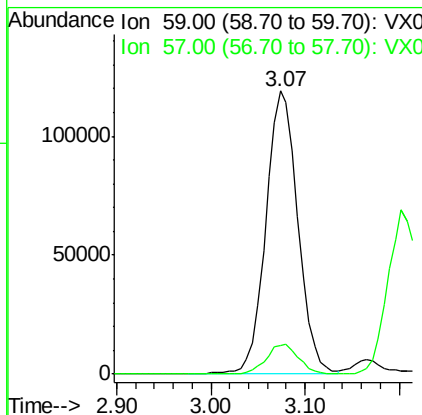
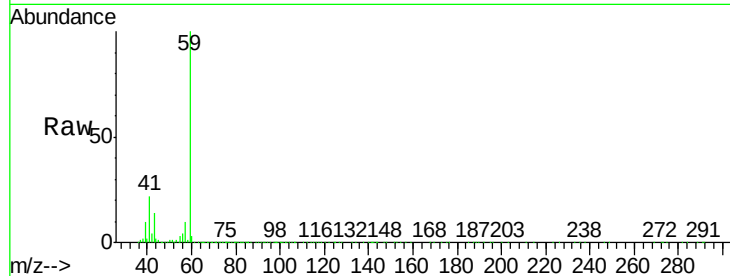
Tert butyl alcohol
 Concen: 260.836 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.1	12.1

Manual Integrations
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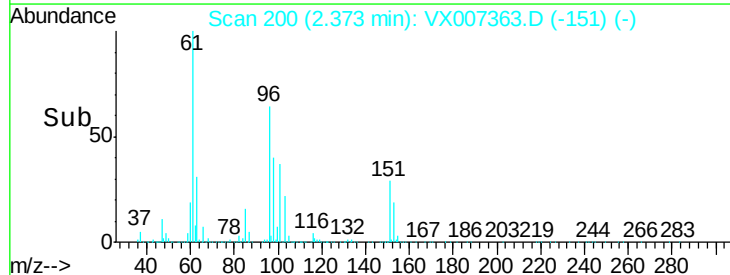
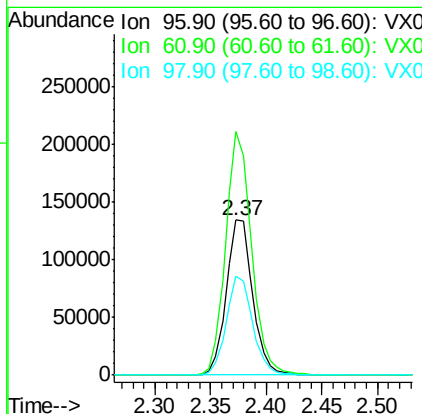
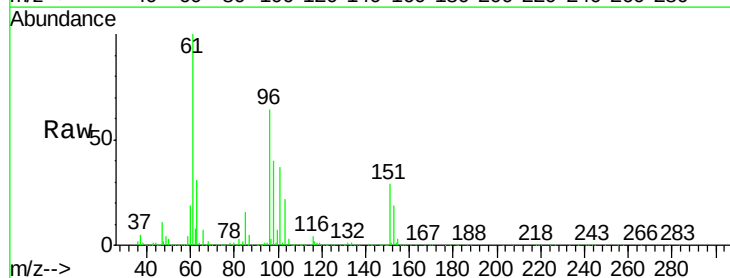
MMDadoda
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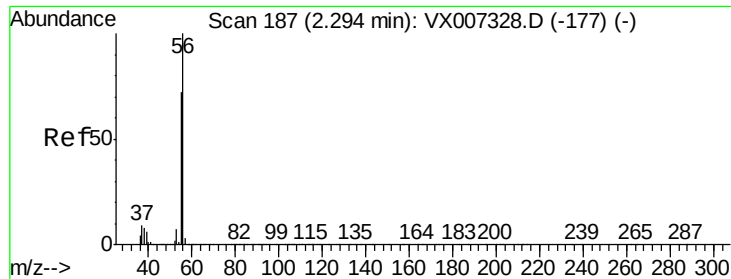


#12

1,1-Dichloroethene
 Concen: 46.679 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.1	123.0	184.4
98	63.4	50.9	76.3





#13

Acrolein

Concen: 286.136 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 145374

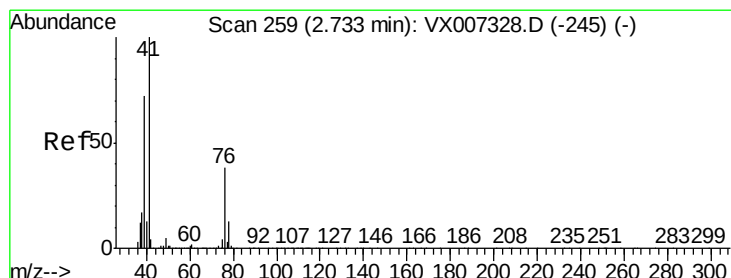
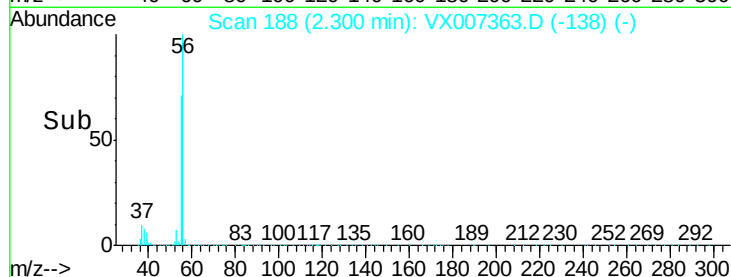
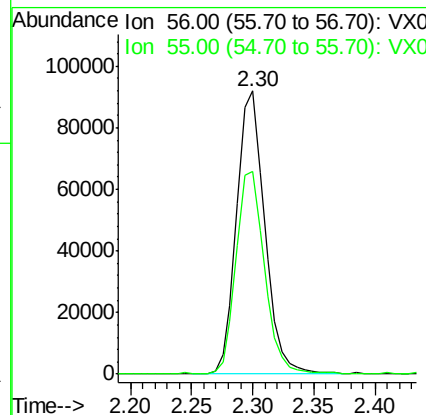
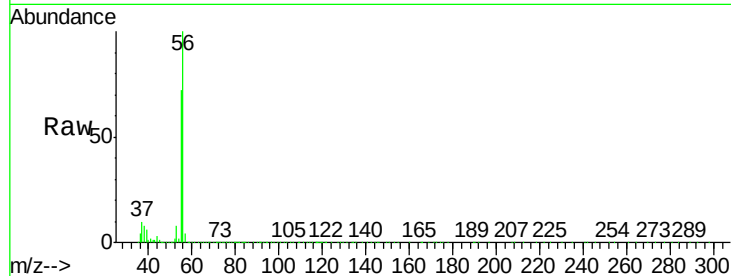
Ion Ratio Lower Upper

56 100

55 72.1 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 49.904 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

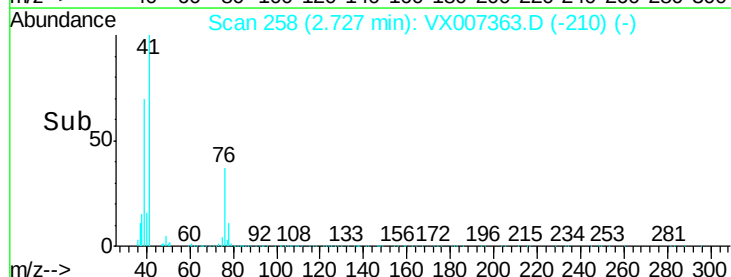
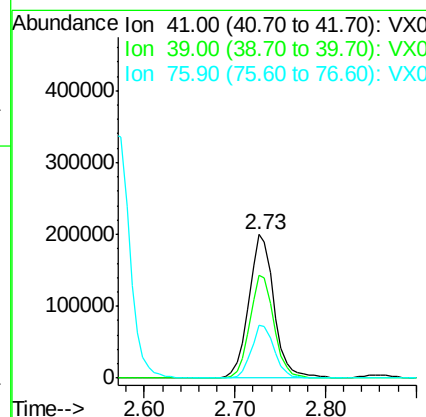
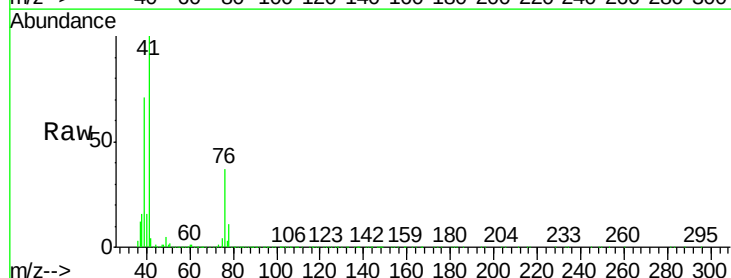
Tgt Ion: 41 Resp: 382936

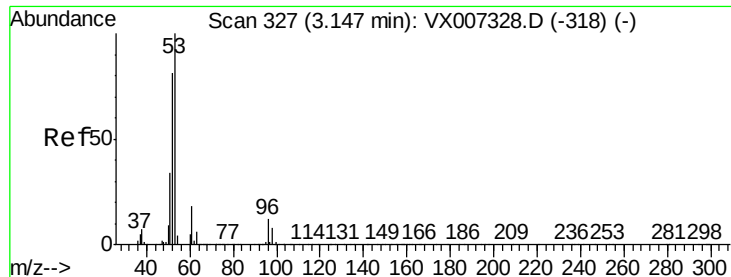
Ion Ratio Lower Upper

41 100

39 68.1 54.1 81.1

76 33.9 27.8 41.8





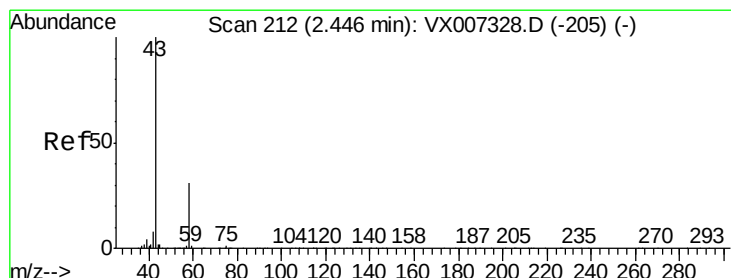
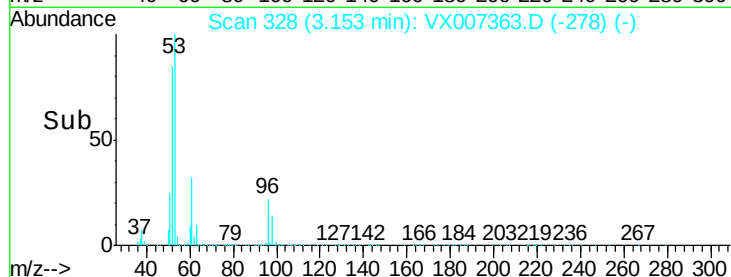
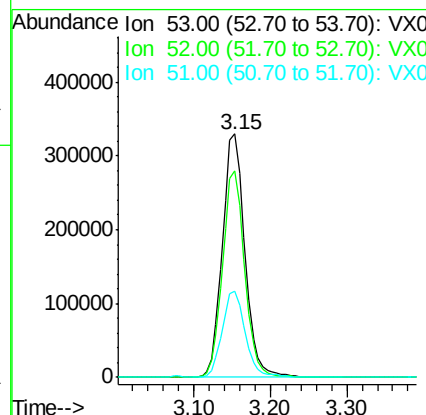
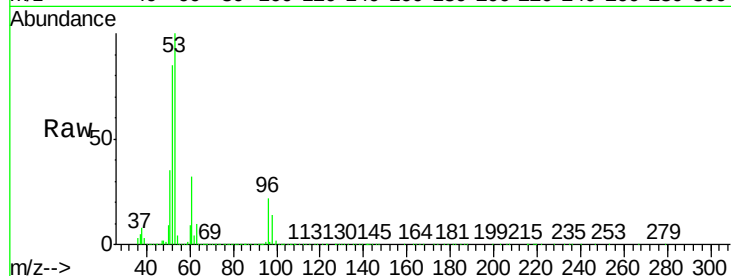
#15
Acrylonitrile
Concen: 250.498 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.4	99.6
51	36.0	28.4	42.6

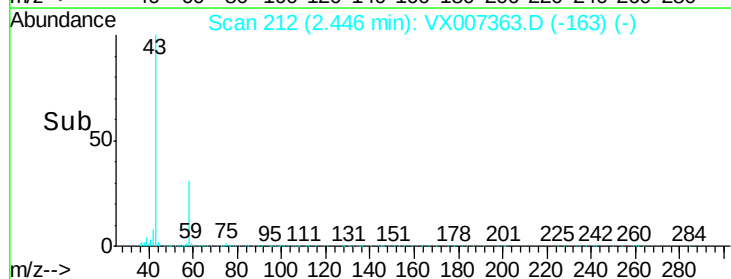
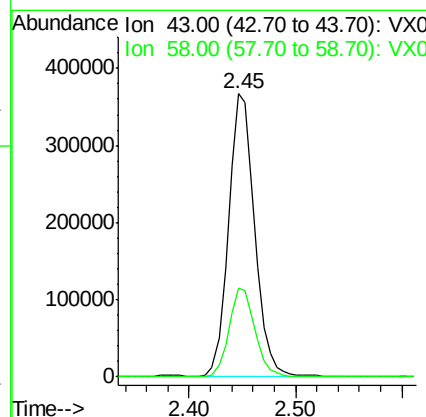
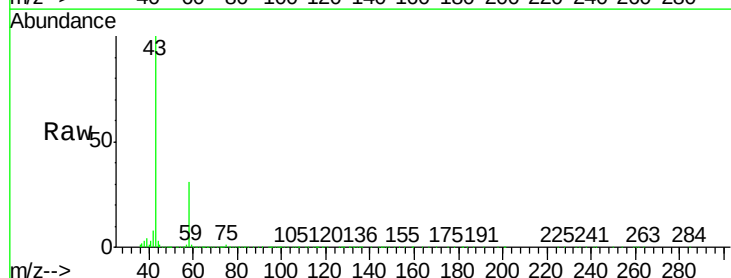
Manual Integrations
APPROVED

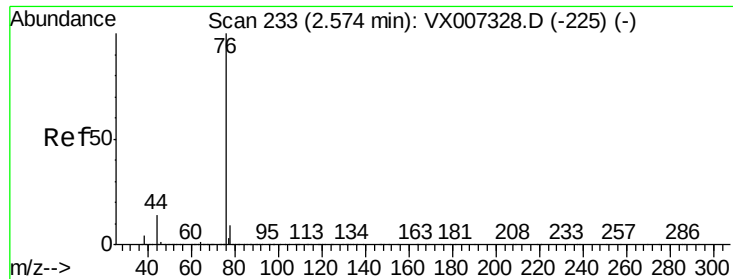
MMDadoda
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#16
Acetone
Concen: 261.470 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.9	37.3





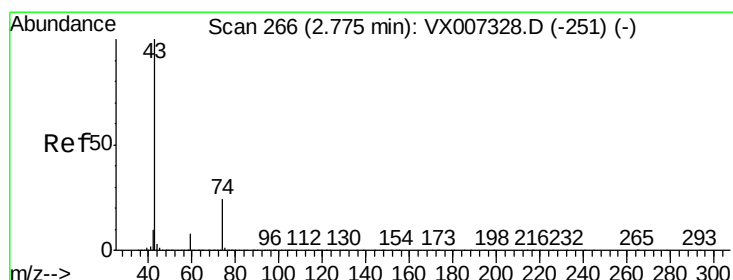
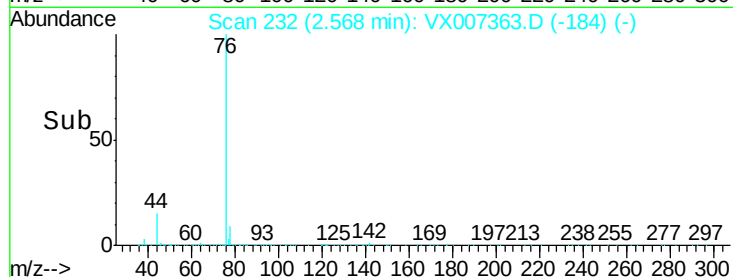
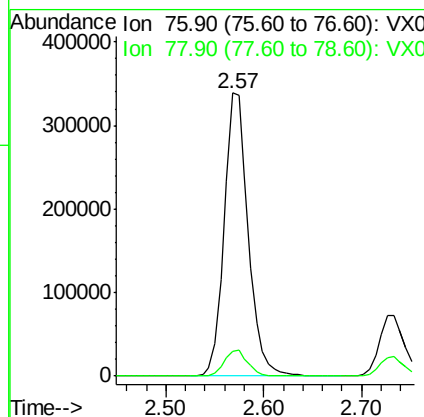
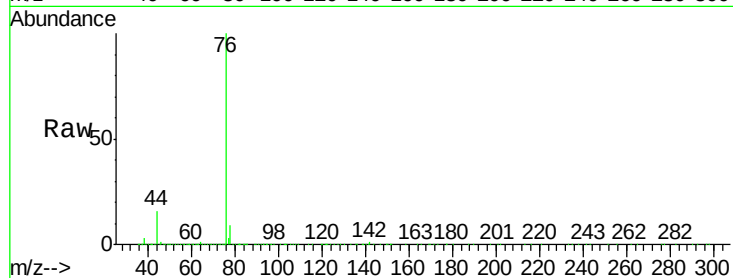
#17
Carbon Disulfide
Concen: 46.850 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

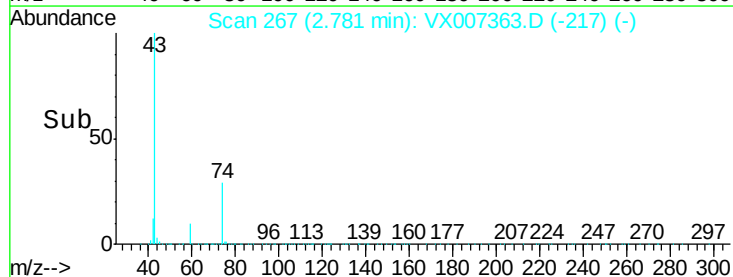
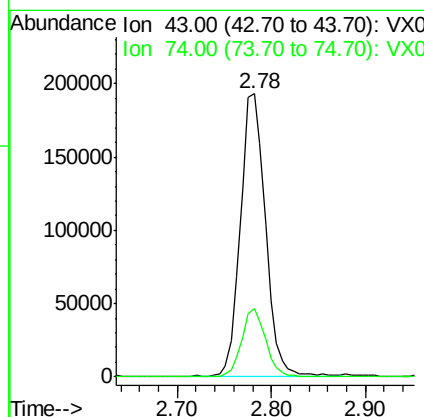
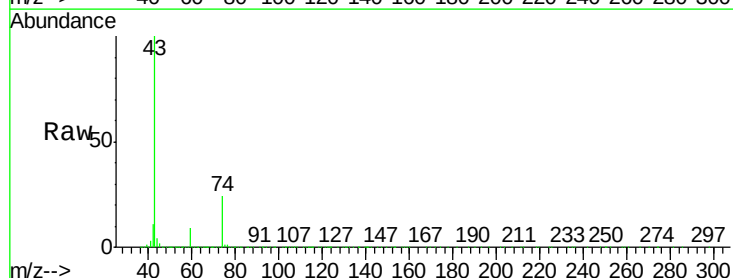
Manual Integrations
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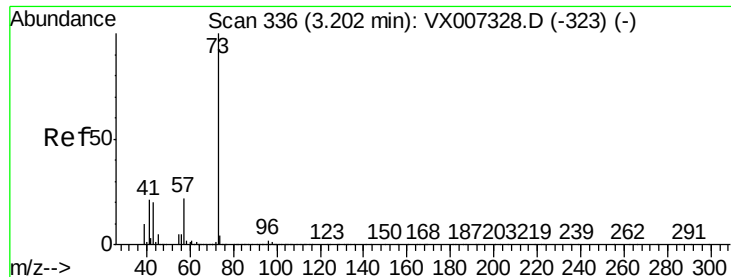
MMDadoda
2/5/2019 9:52:50 AM



#18
Methyl Acetate
Concen: 57.263 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.4	29.2





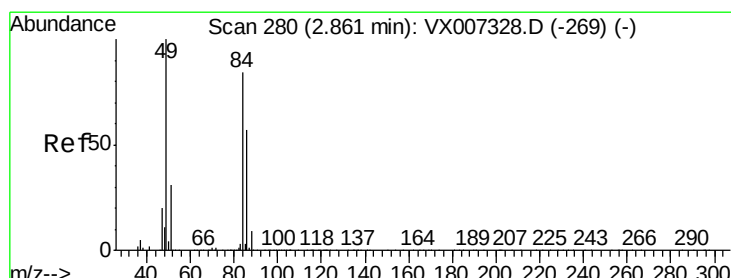
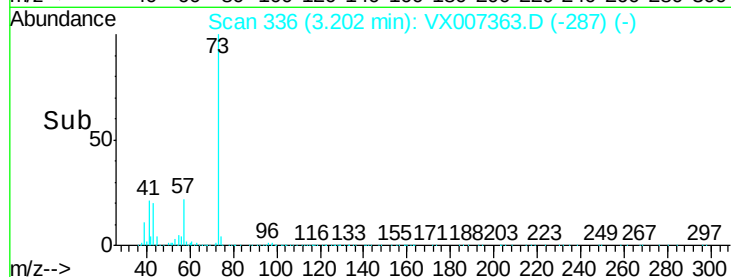
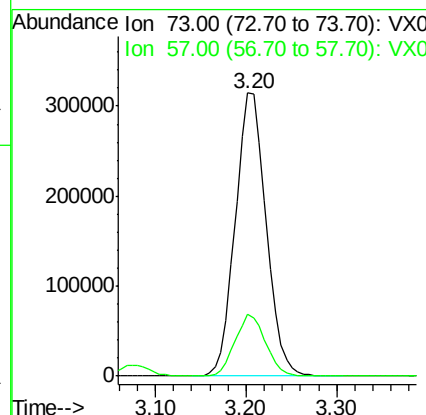
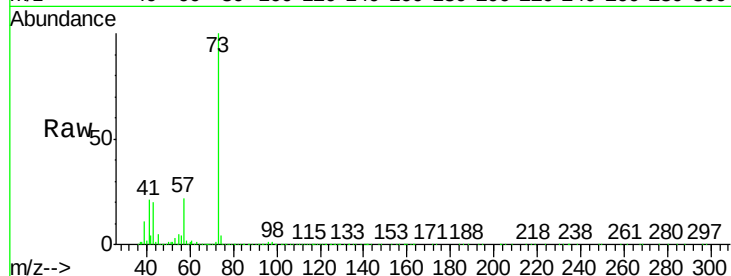
#19
Methyl tert-butyl Ether
Concen: 48.699 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.8

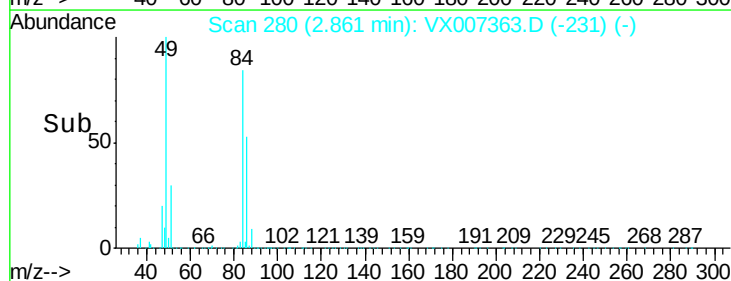
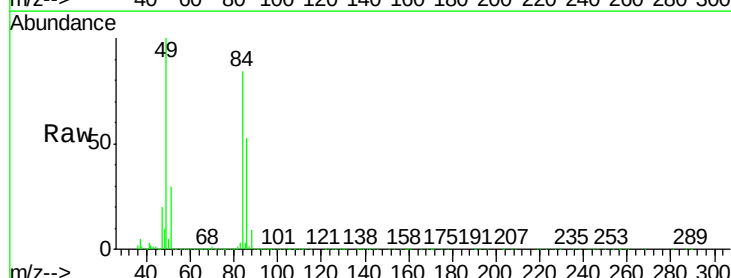
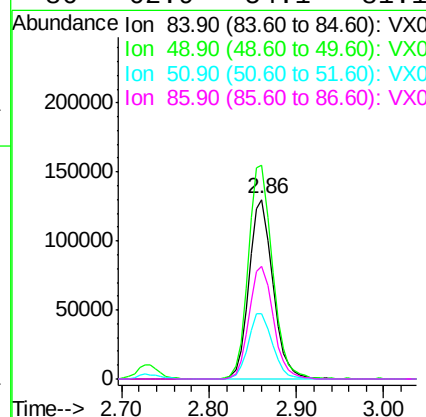
Manual Integrations
APPROVED

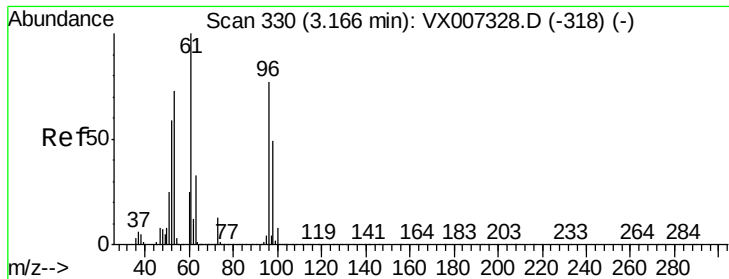
MMDadoda
2/5/2019 9:52:50 AM



#20
Methylene Chloride
Concen: 50.449 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.6	94.8	142.2
51	36.1	29.8	44.8
86	62.9	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 46.721 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

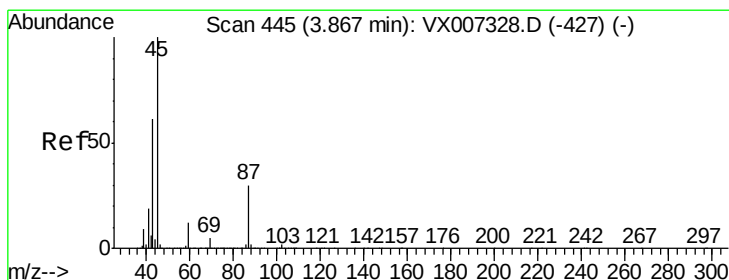
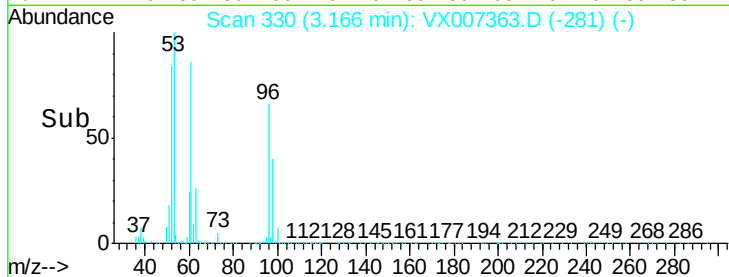
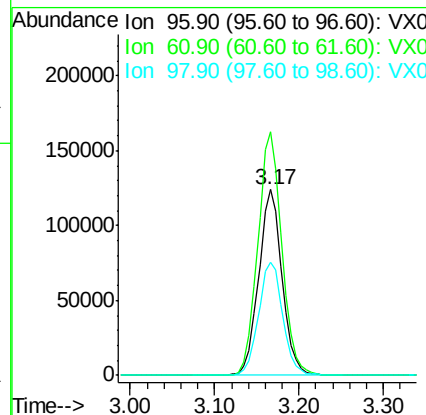
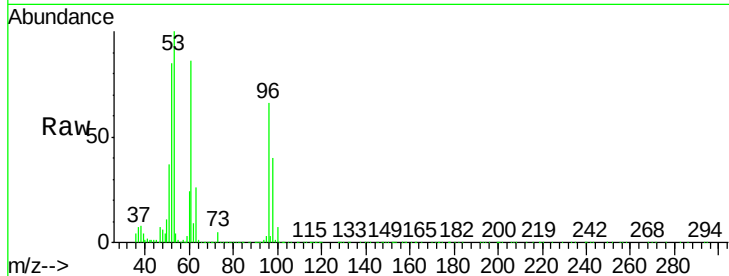
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	234386
Ion Ratio	Lower	Upper	
96	100		
61	130.8	104.6	156.8
98	60.5	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.644 ug/l

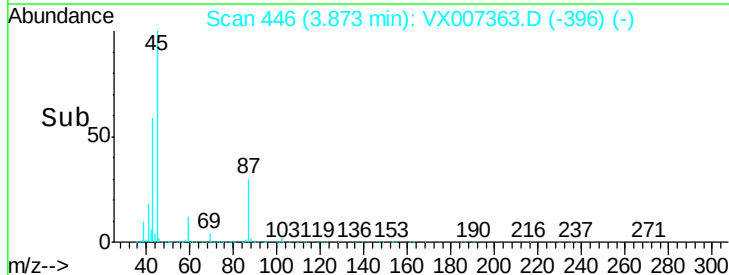
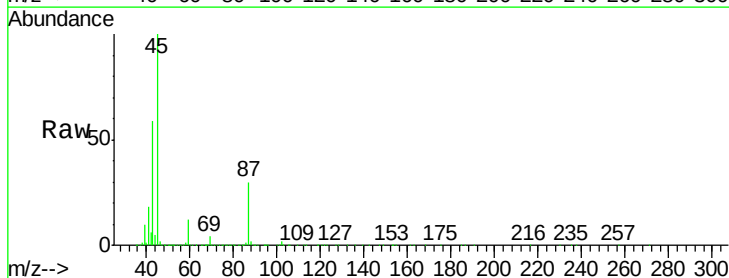
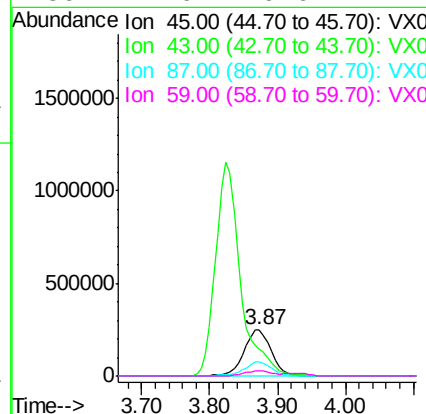
RT: 3.87 min Scan# 446

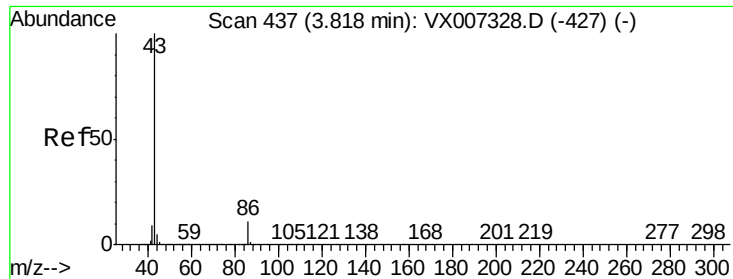
Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Tgt Ion:	45	Resp:	686600
Ion Ratio	Lower	Upper	
45	100		
43	58.5	48.9	73.3
87	29.6	23.9	35.9
59	11.6	9.6	14.4





#23

Vinyl Acetate

Concen: 252.441 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2956770

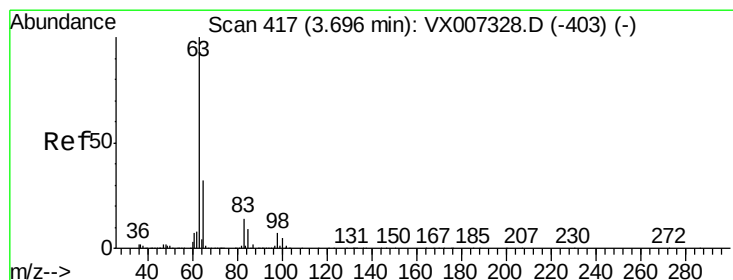
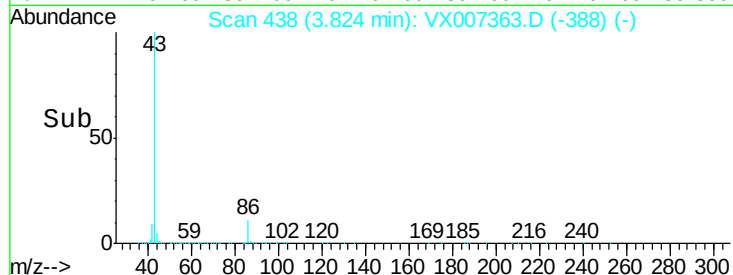
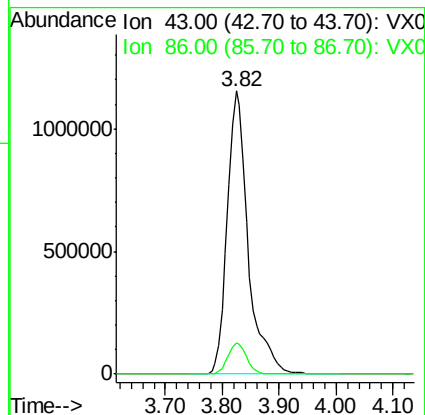
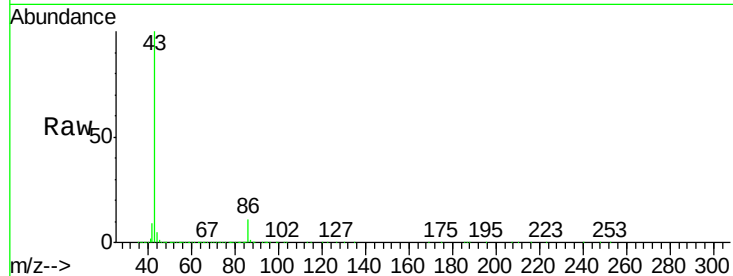
Ion Ratio Lower Upper

43 100

86 11.1 8.7 13.1

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 47.170 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

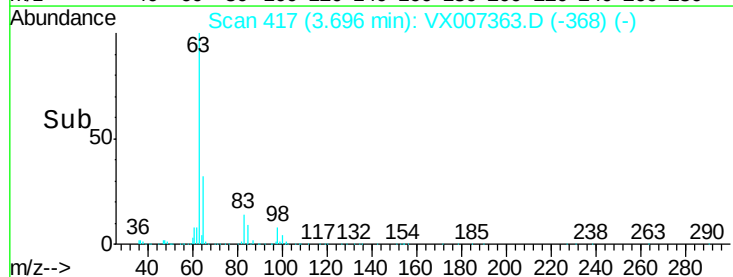
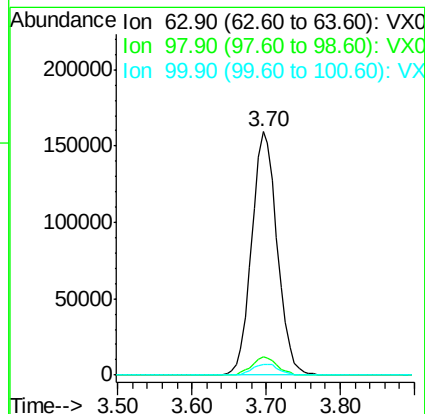
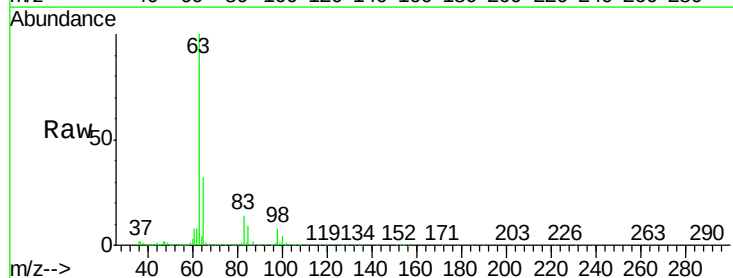
Tgt Ion: 63 Resp: 382345

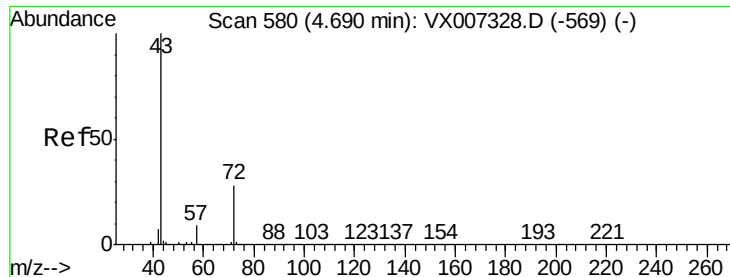
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 258.391 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Tot Ion: 43 Resp: 881852

Ion Ratio Lower Upper

43 100

72 26.3 22.2 33.2

Instrument :

MSVOA_X

ClientSampleId :

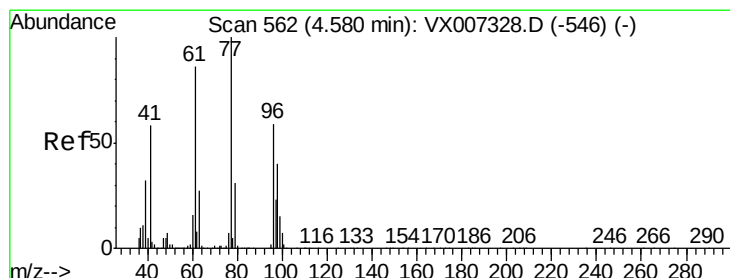
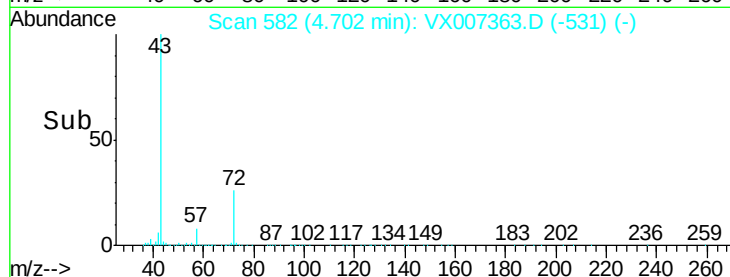
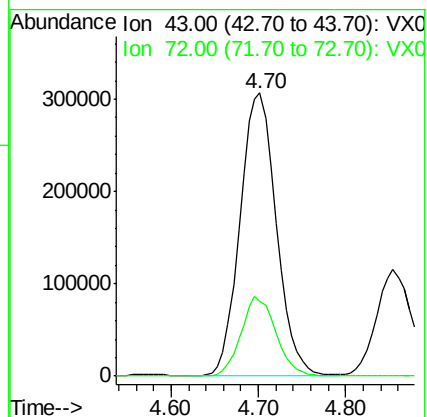
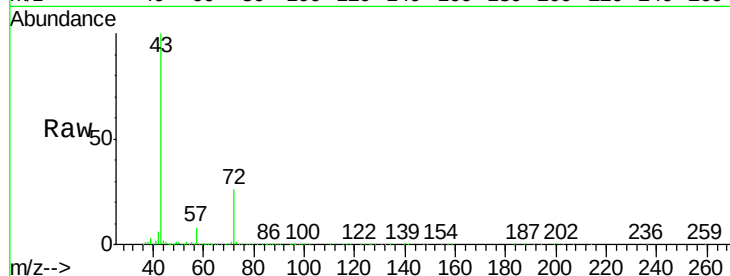
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.912 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007363.D

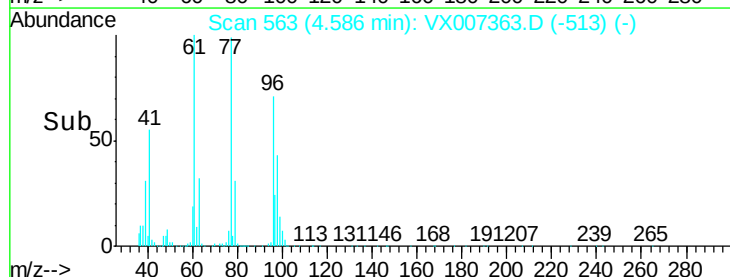
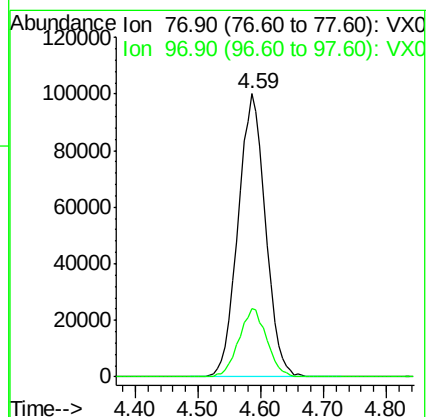
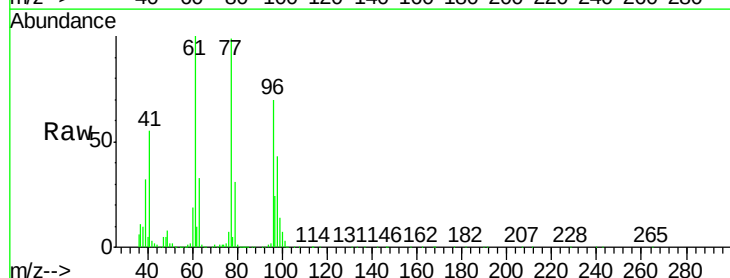
Acq: 04 Feb 2019 16:56

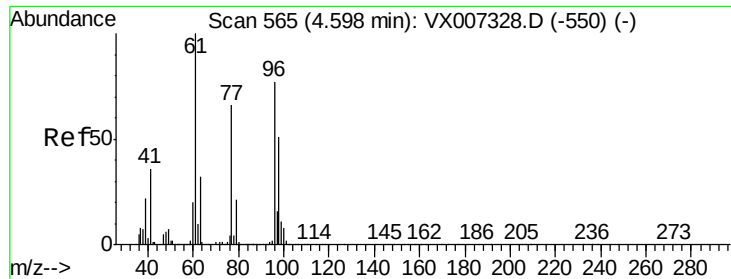
Tgt Ion: 77 Resp: 301931

Ion Ratio Lower Upper

77 100

97 24.8 12.1 36.3





#27

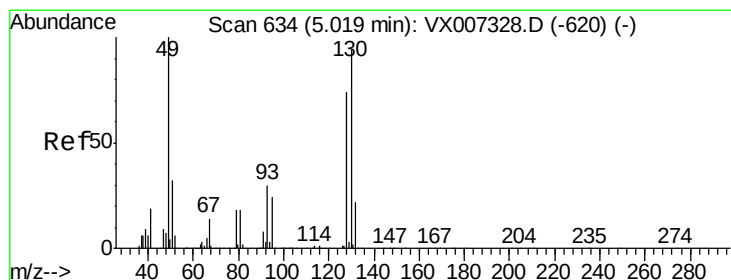
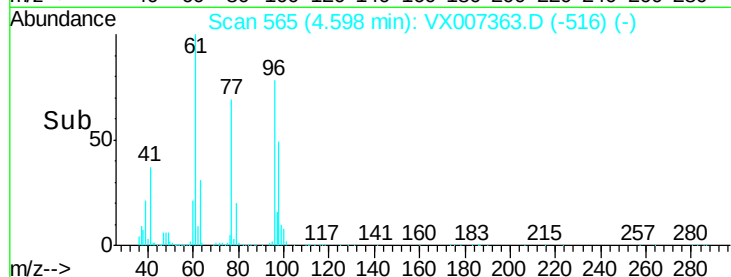
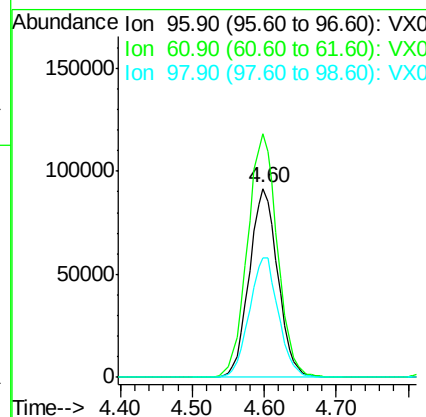
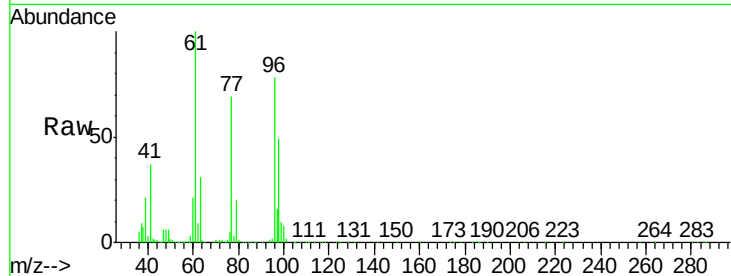
cis-1,2-Dichloroethene
Concen: 45.988 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	265.6
98	64.5	0.0	131.6

Manual Integrations
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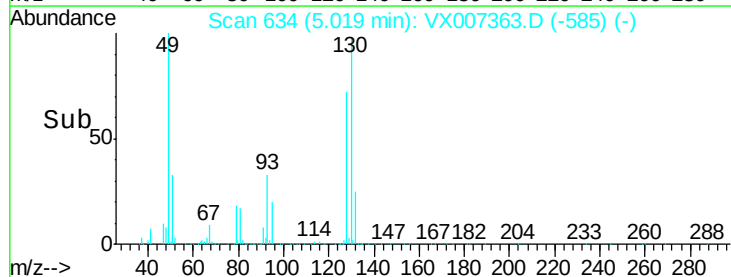
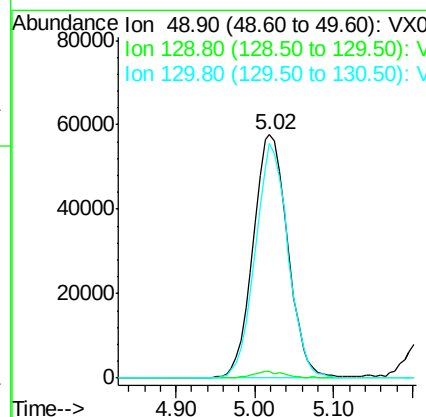
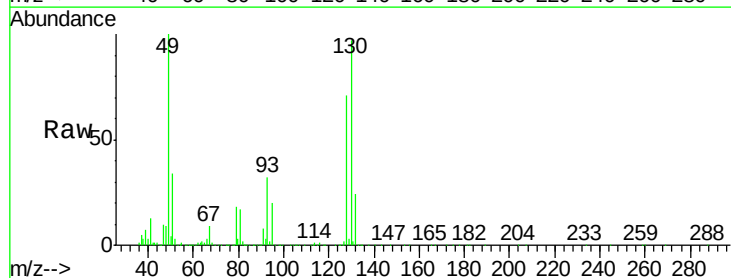
MMDadoda
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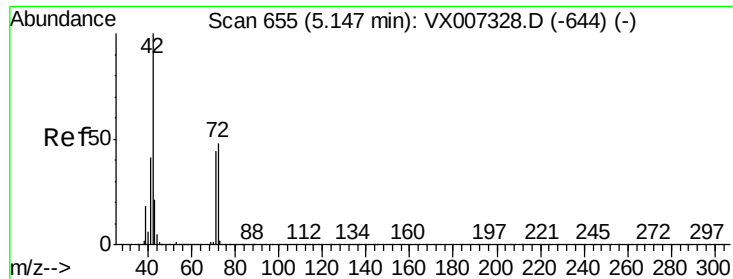


#28

Bromochloromethane
Concen: 47.422 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	91.0	75.6	113.4





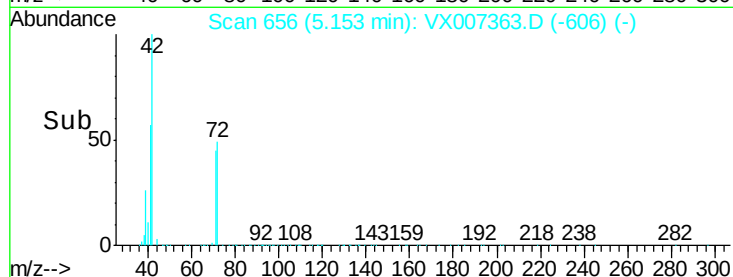
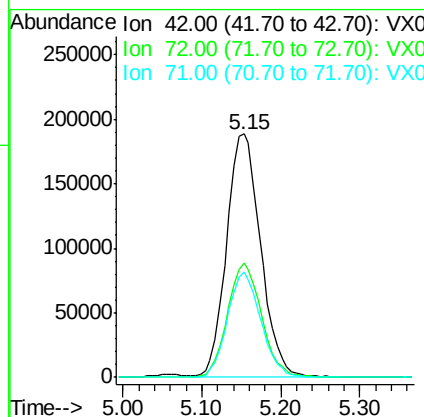
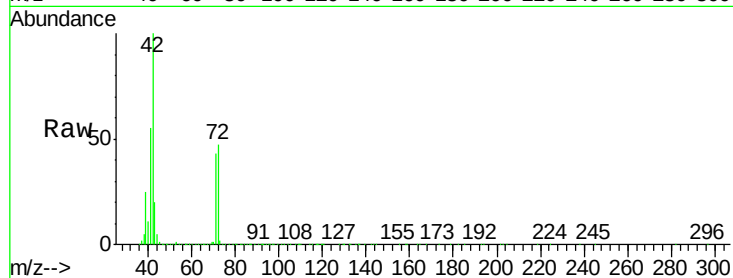
#29
Tetrahydrofuran
Concen: 262.729 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.6	56.4
71	42.8	34.6	51.8

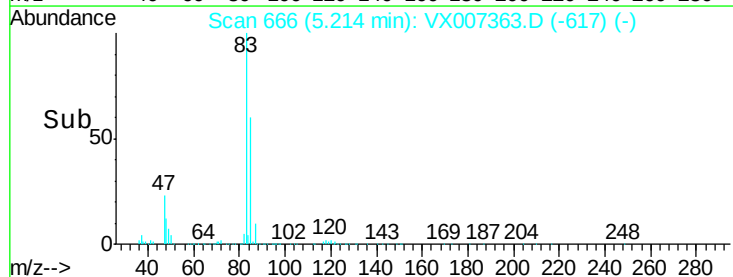
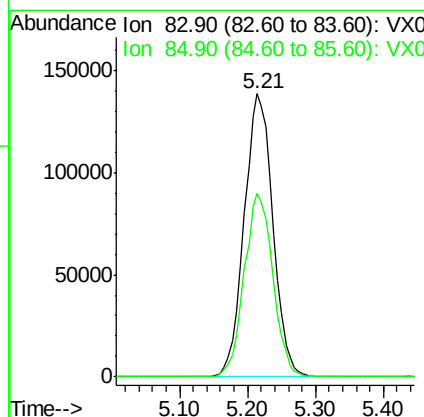
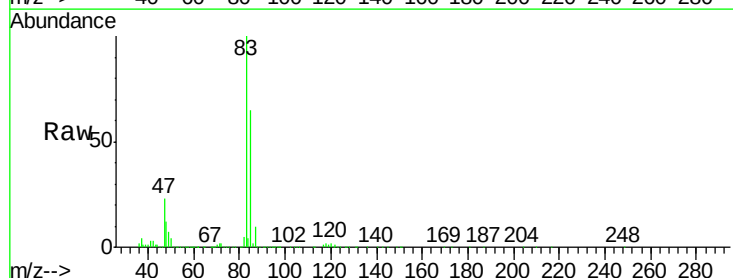
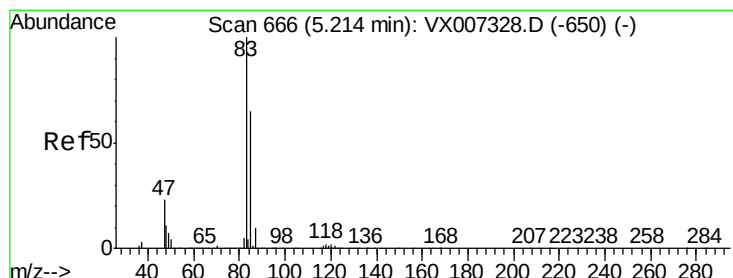
Manual Integrations
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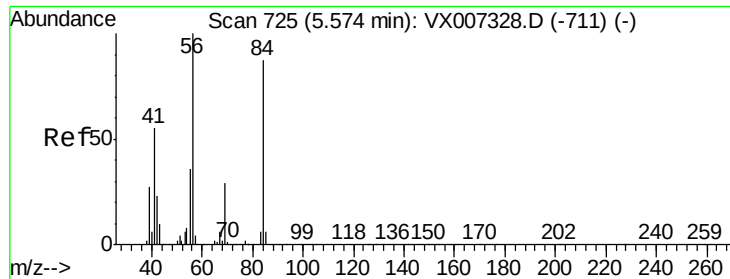
MMDadoda
2/5/2019 9:52:50 AM



#30
Chloroform
Concen: 47.990 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.6	77.4





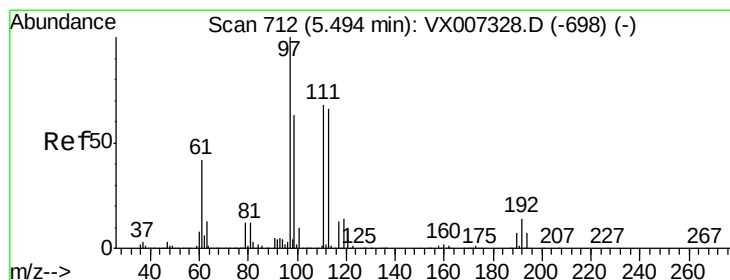
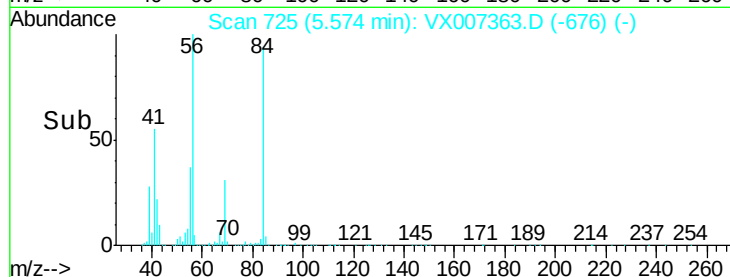
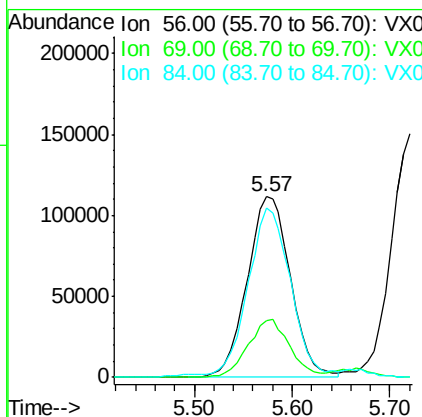
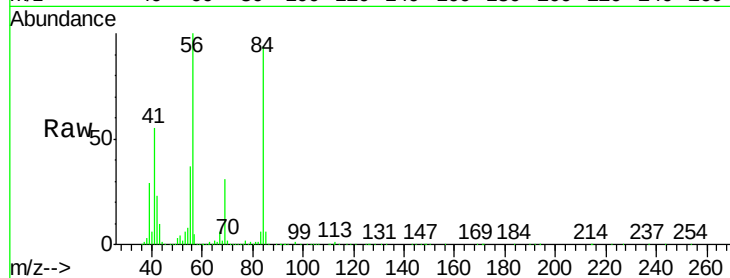
#31
Cyclohexane
Concen: 46.896 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.0	34.6
84	92.4	69.8	104.6

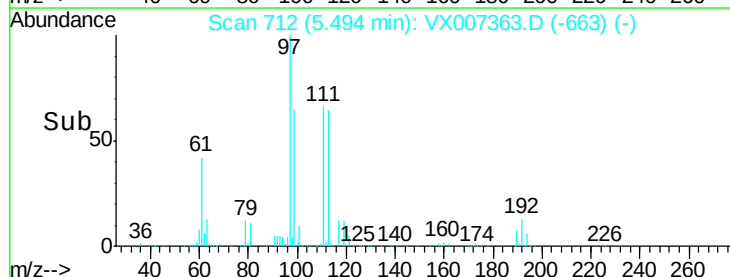
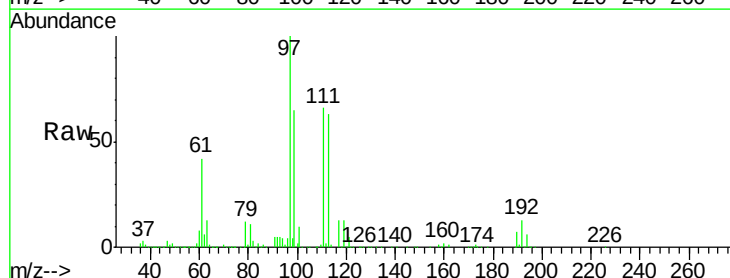
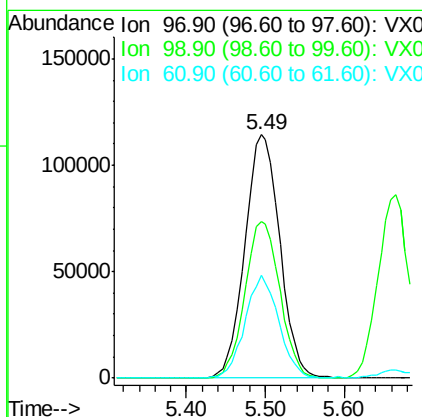
Manual Integrations
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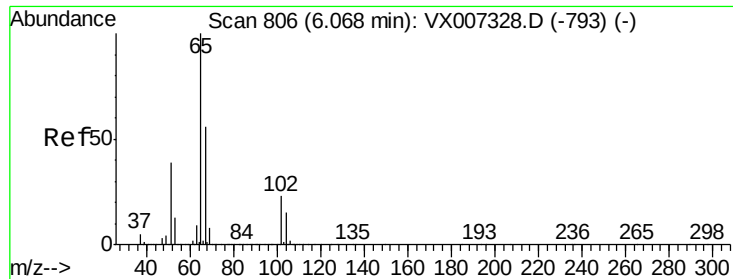
MMDadoda
2/5/2019 9:52:50 AM



#32
1,1,1-Trichloroethane
Concen: 49.412 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.2	78.2
61	40.8	32.7	49.1





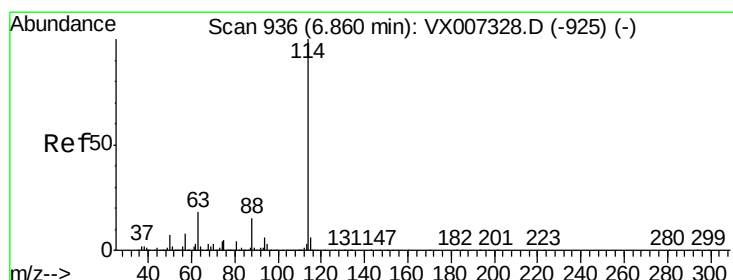
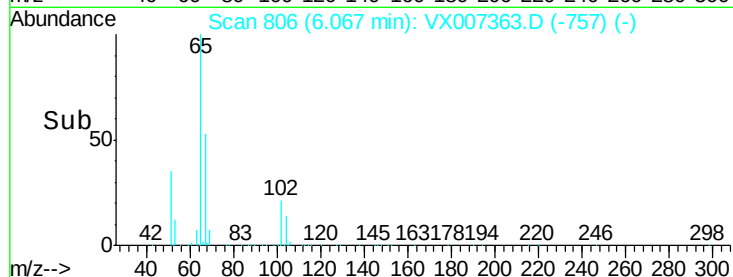
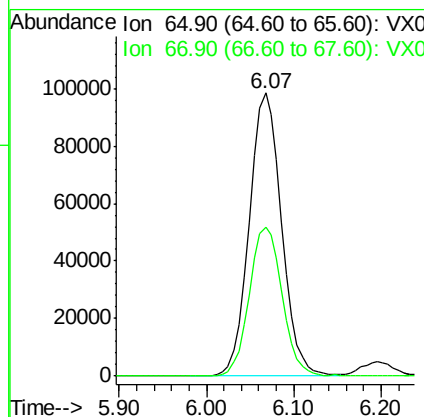
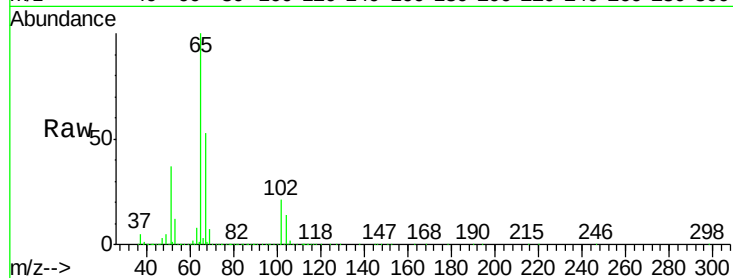
#33
 1,2-Dichloroethane-d4
 Concen: 48.287 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	108.8

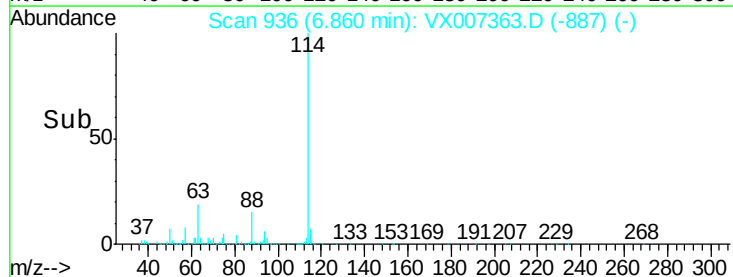
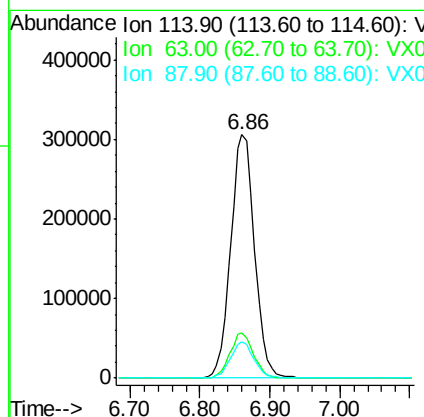
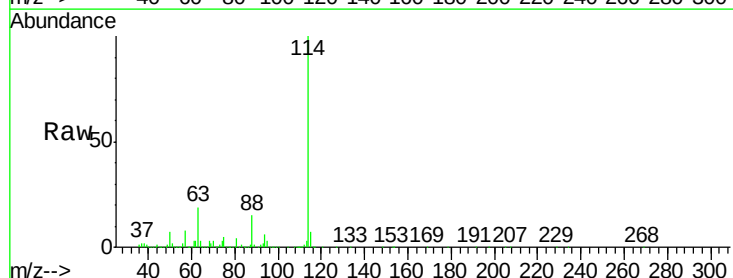
Manual Integrations
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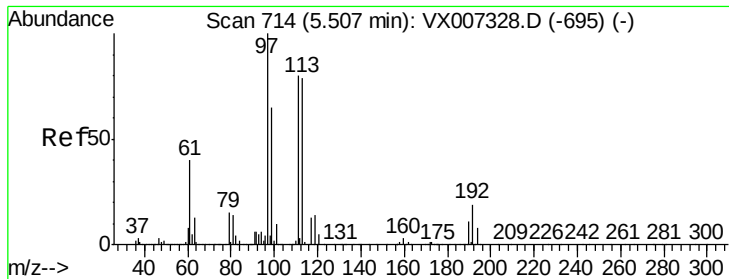
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	35.6
88	14.7	0.0	29.6





#35

Dibromofluoromethane

Concen: 48.411 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

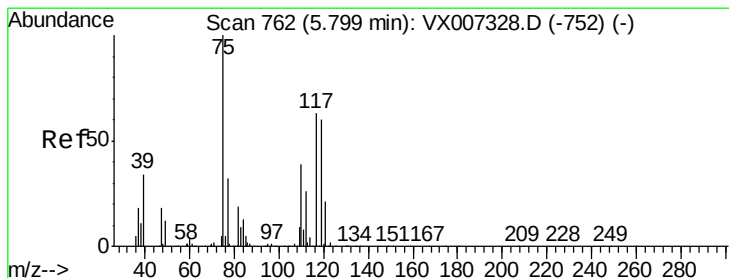
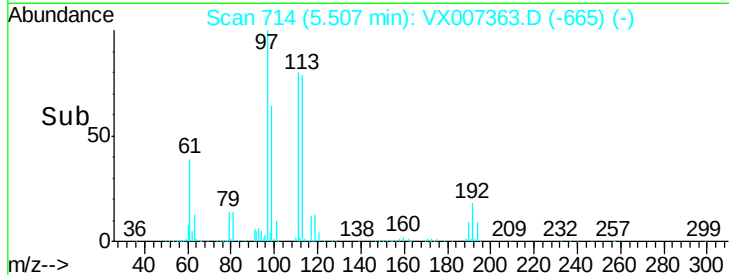
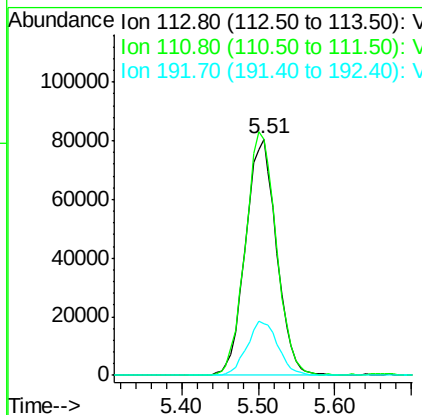
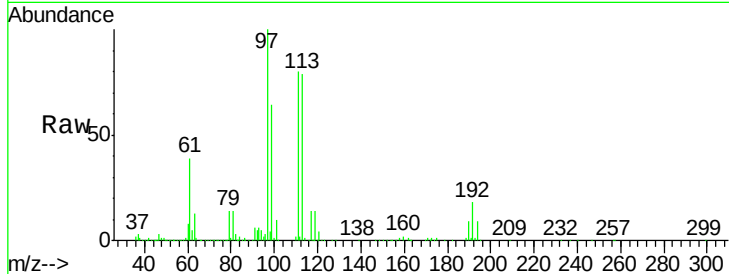
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	227775
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.8	122.8
192	22.9	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.902 ug/l

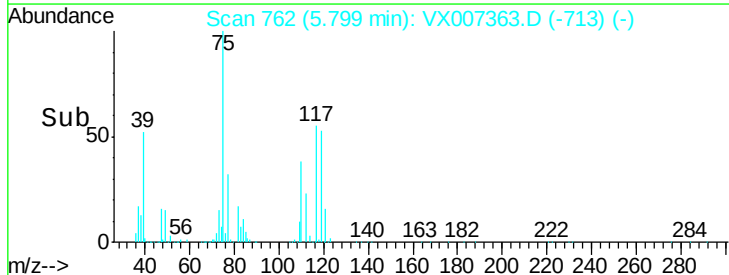
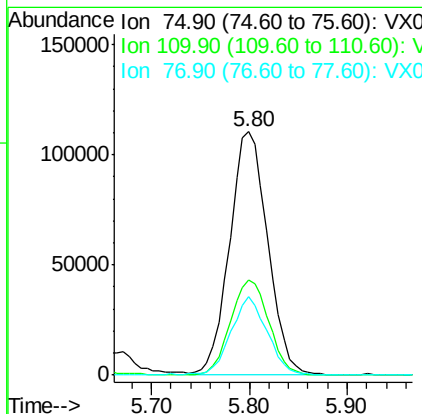
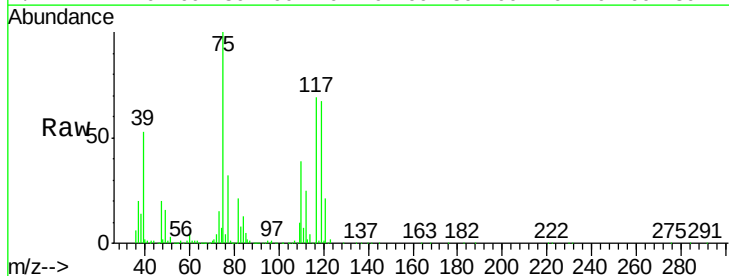
RT: 5.80 min Scan# 762

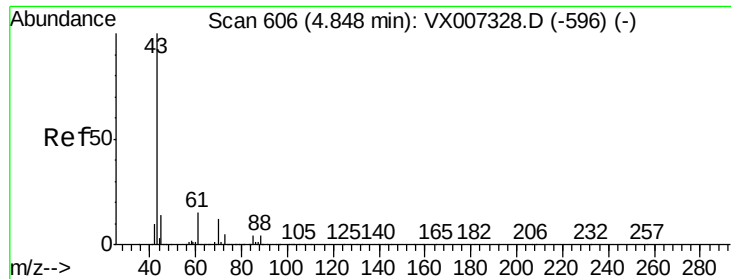
Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Tgt Ion:	75	Resp:	297813
Ion Ratio	Lower	Upper	
75	100		
110	39.6	20.0	59.9
77	30.5	24.7	37.1





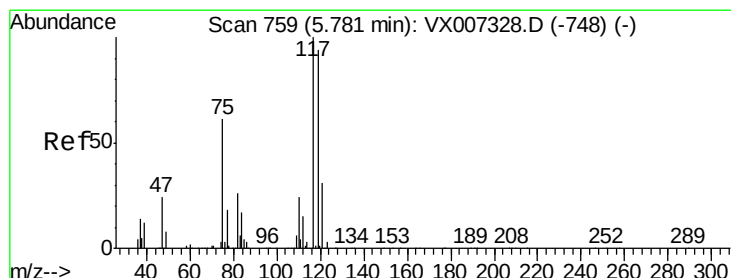
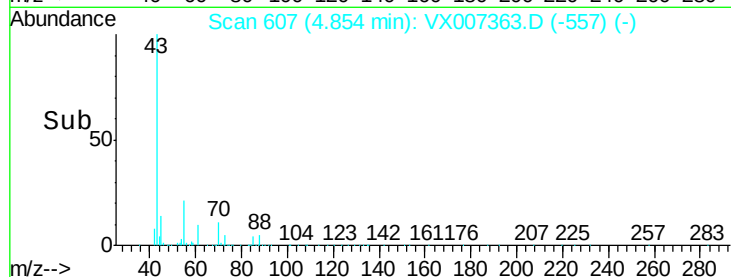
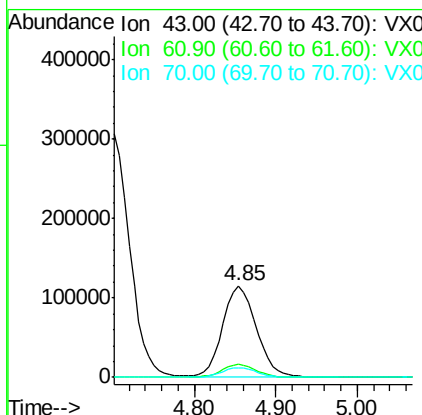
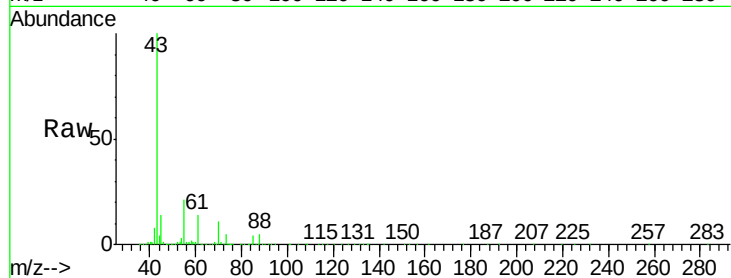
#37
Ethyl Acetate
Concen: 49.888 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	327195
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.3	16.9
70	10.9	8.6	13.0

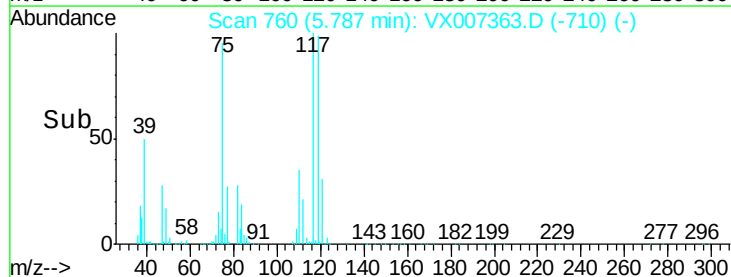
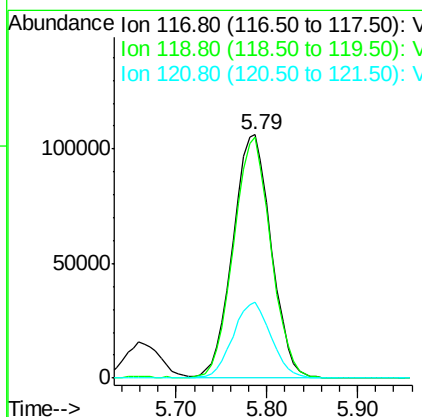
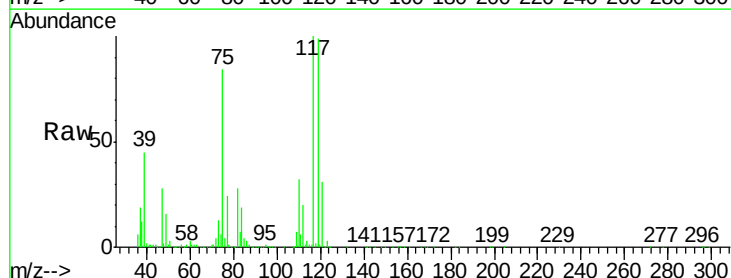
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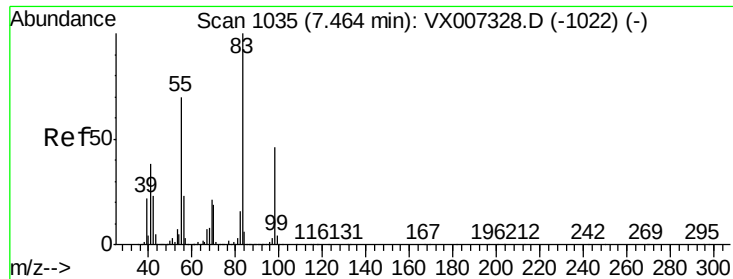
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#38
Carbon Tetrachloride
Concen: 49.339 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	117	Resp	310561
Ion Ratio	Lower	Upper	
117	100		
119	99.1	75.3	112.9
121	31.2	25.0	37.4





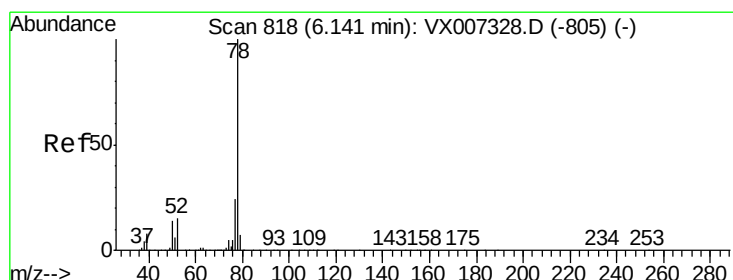
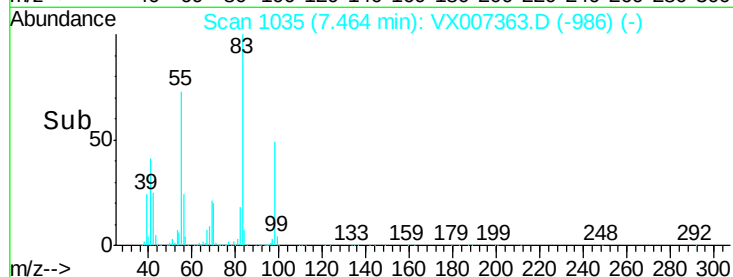
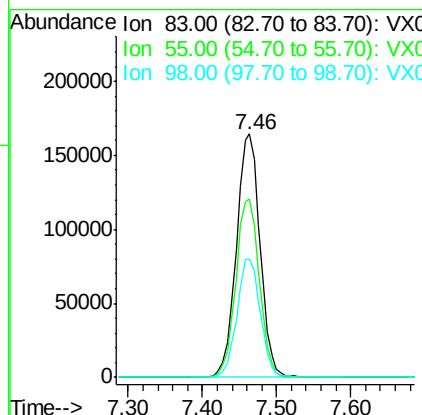
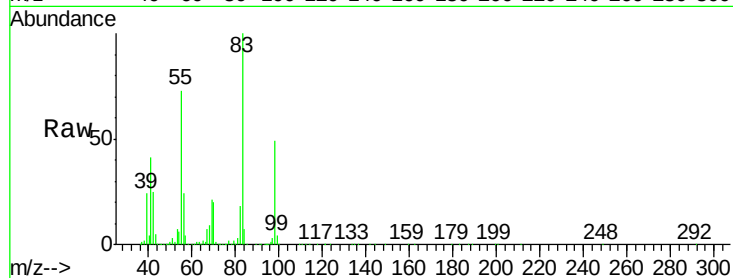
#39
Methylvlcyclohexane
Concen: 46.593 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.0	56.2	84.2
98	48.7	36.8	55.2

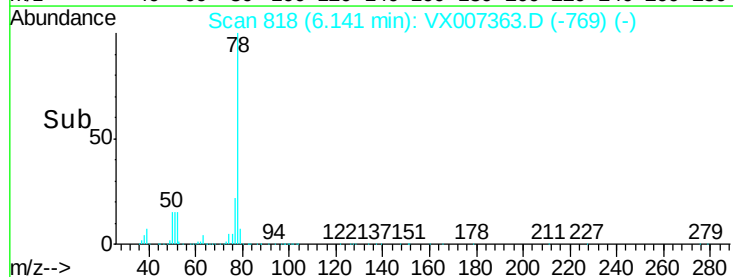
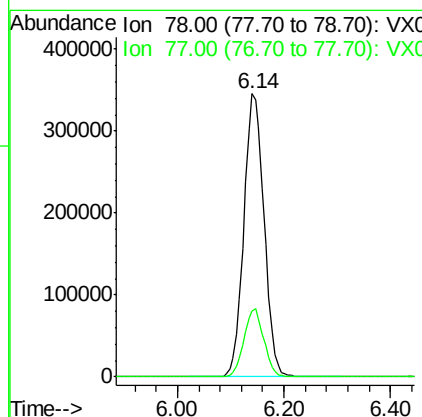
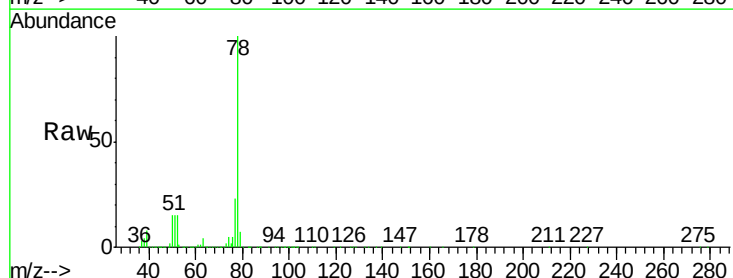
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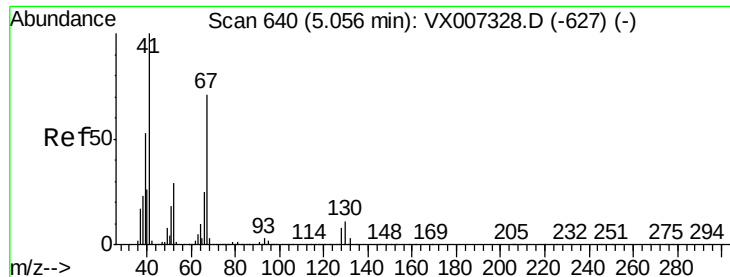
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#40
Benzene
Concen: 47.448 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.3	28.9





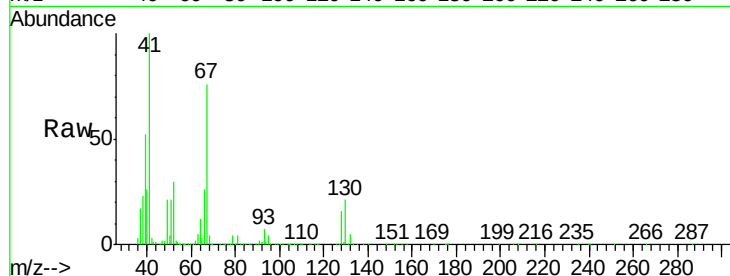
#41
Methacrylonitrile
Concen: 51.024 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

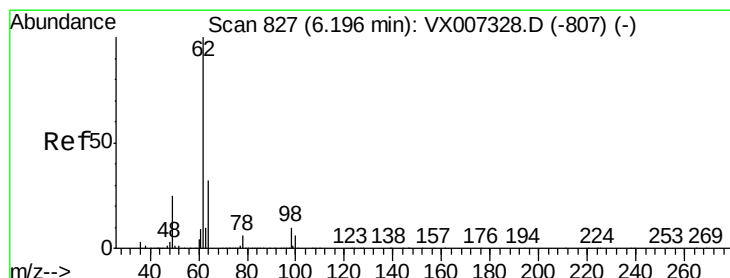
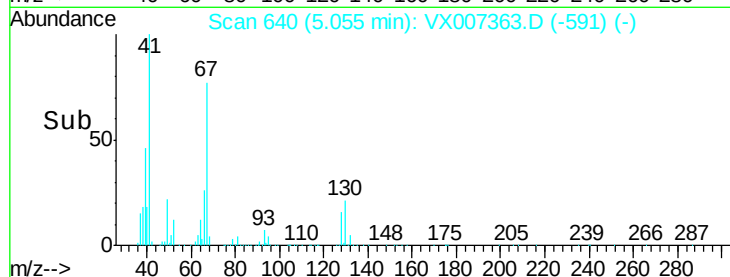
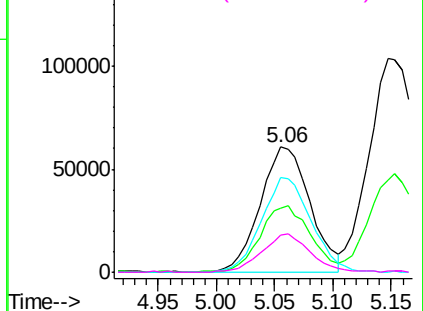
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	44.5	66.7	
67	76.2	60.4	90.6	
52	29.8	24.1	36.1	

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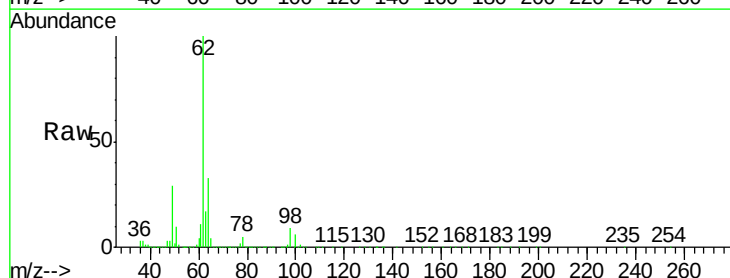


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

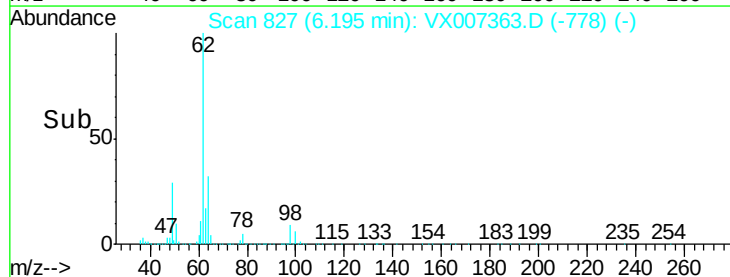
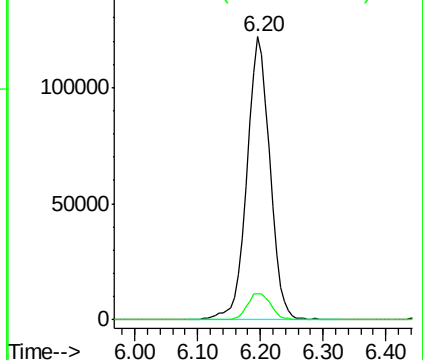


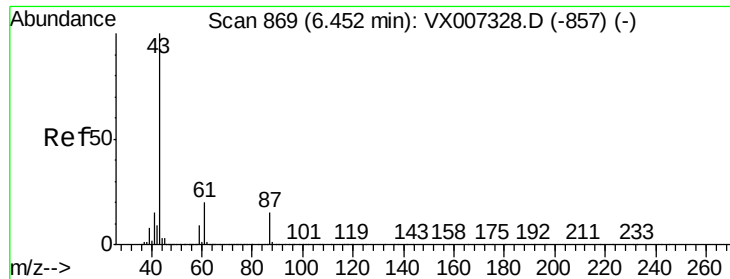
#42
1,2-Dichloroethane
Concen: 46.633 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	19.0	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

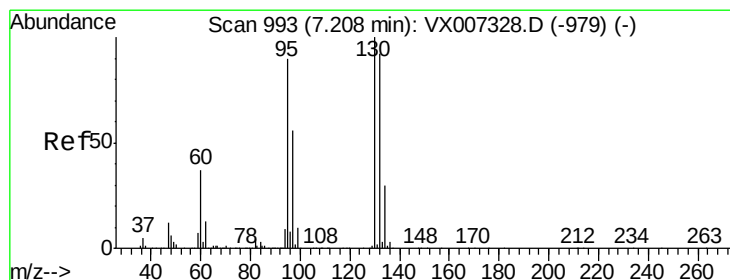
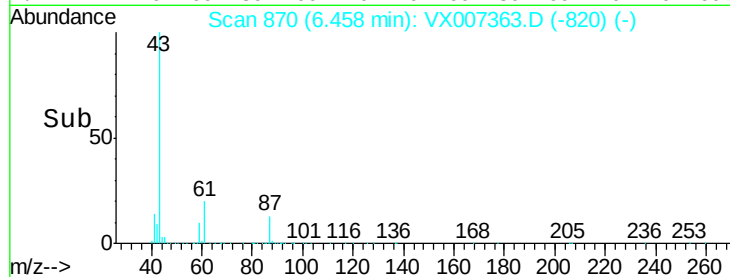
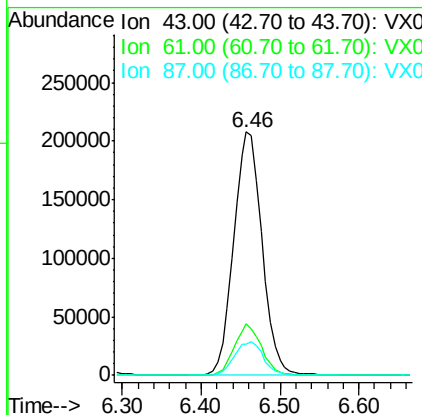
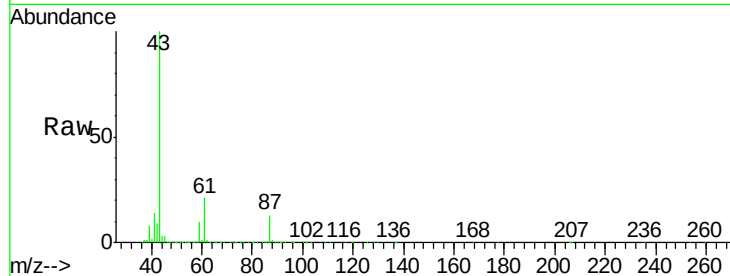
Isopropyl Acetate
 Concen: 51.156 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.1	24.1
87	14.3	11.5	17.3

Manual Integrations
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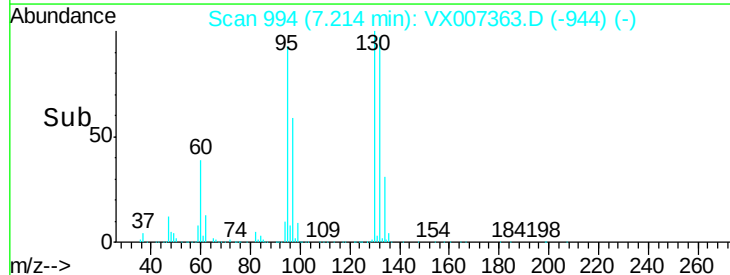
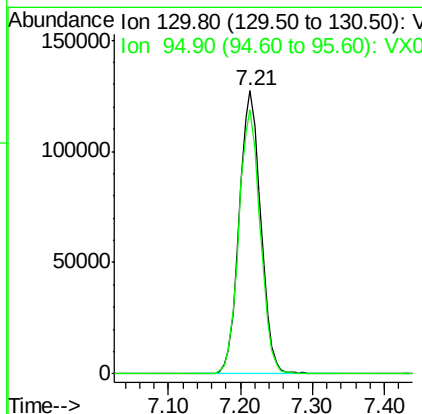
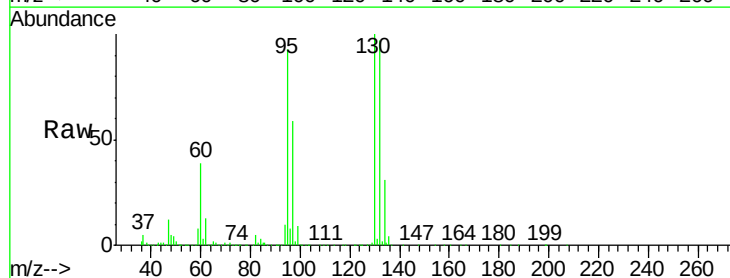
MMDadoda
 2/5/2019 9:52:50 AM

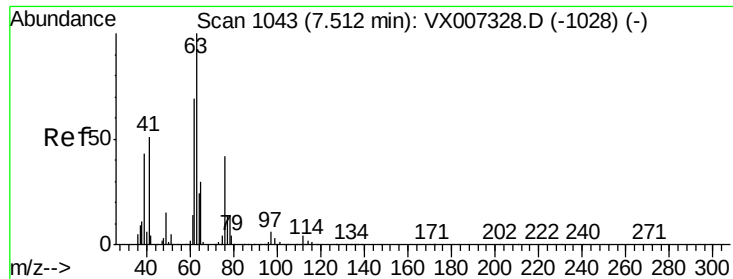


#44

Trichloroethene
 Concen: 45.791 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	180.0





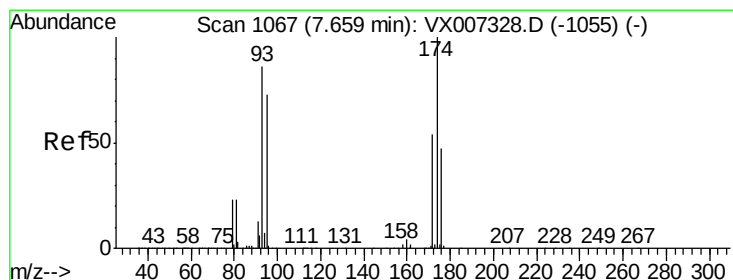
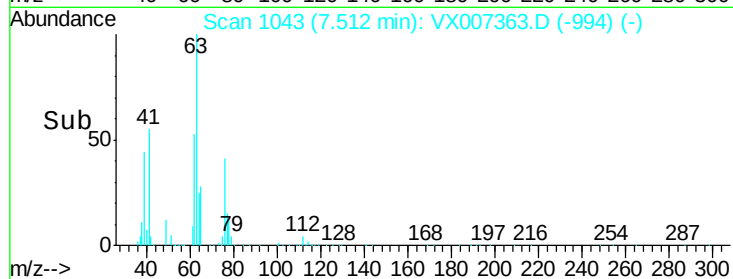
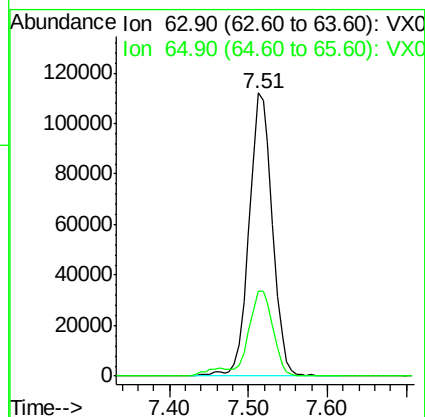
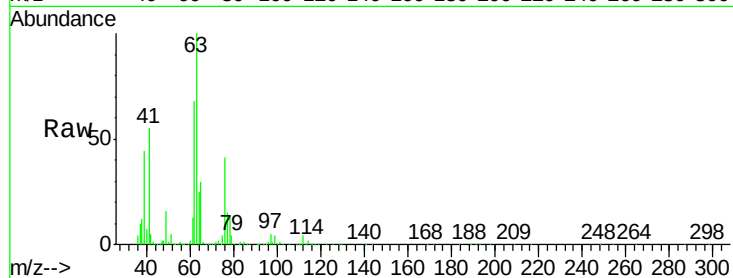
#45
 1,2-Dichloropropane
 Concen: 47.767 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.2	36.2

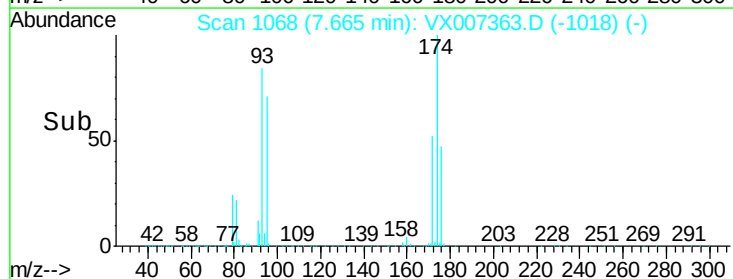
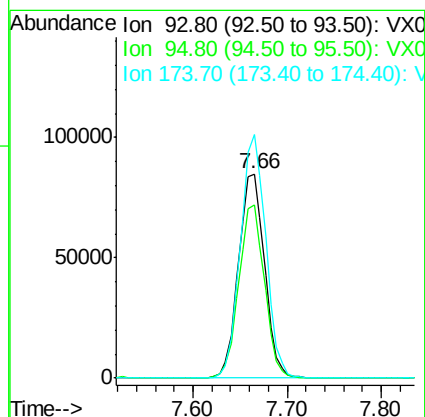
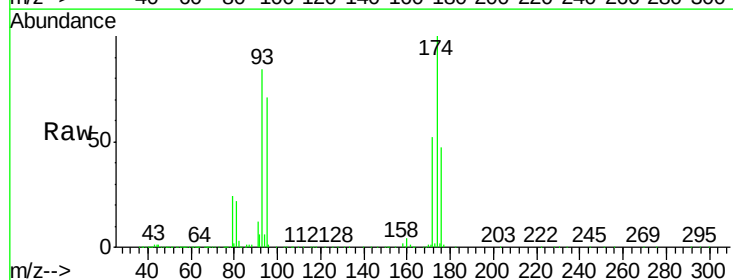
Manual Integrations
 APPROVED

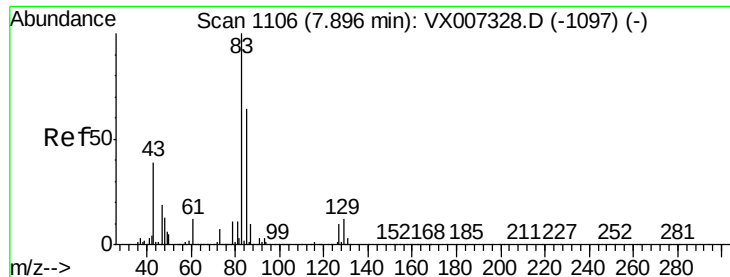
MMDadoda
 2/5/2019 9:52:50 AM



#46
 Dibromomethane
 Concen: 47.020 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	67.6	101.4
174	116.3	94.2	141.4





#47

Bromodichloromethane

Concen: 50.572 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

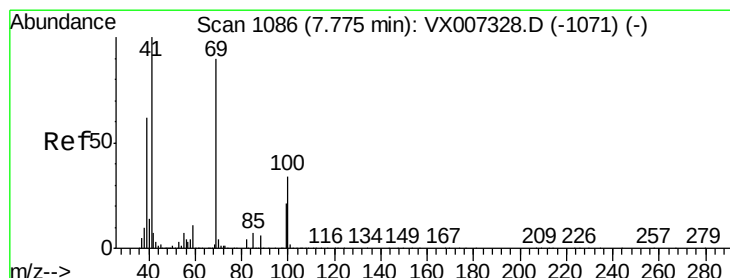
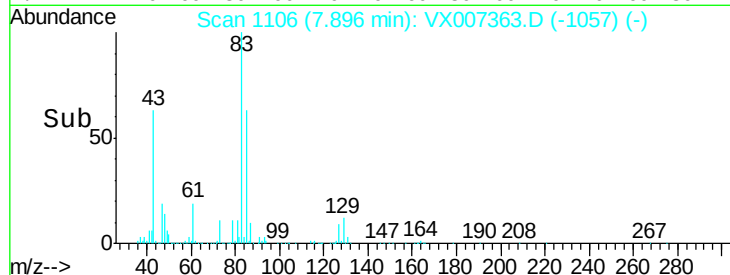
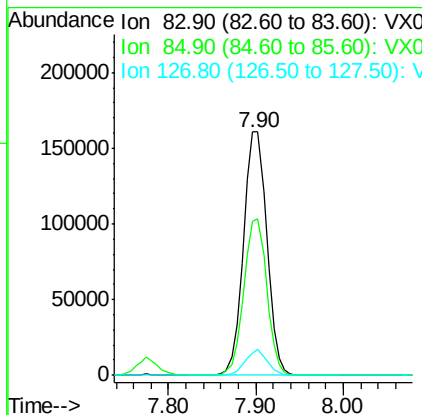
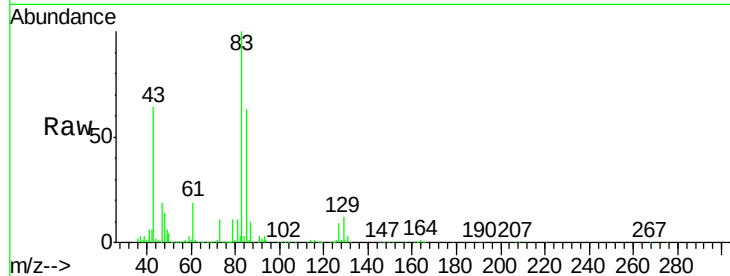
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	298295
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.4	77.0
127	9.1	8.1	12.1

Manual Integrations
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2/5/2019 9:52:50 AM



#48

Methyl methacrylate

Concen: 52.788 ug/l

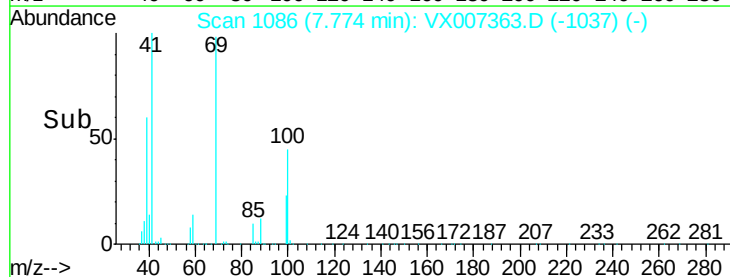
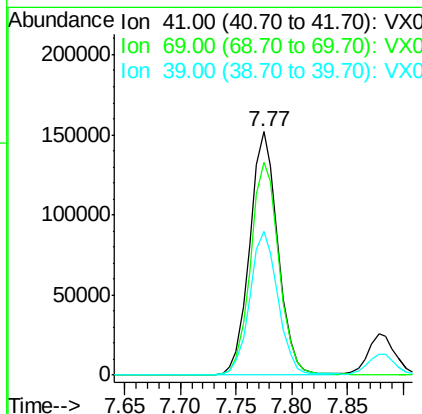
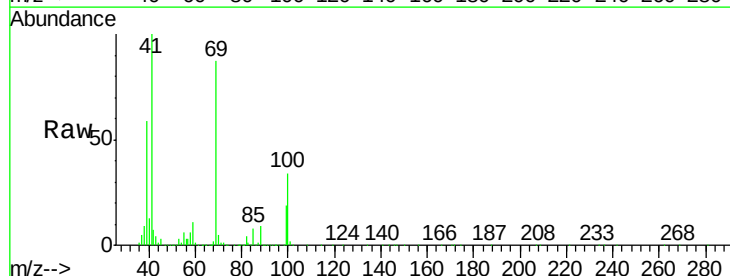
RT: 7.77 min Scan# 1086

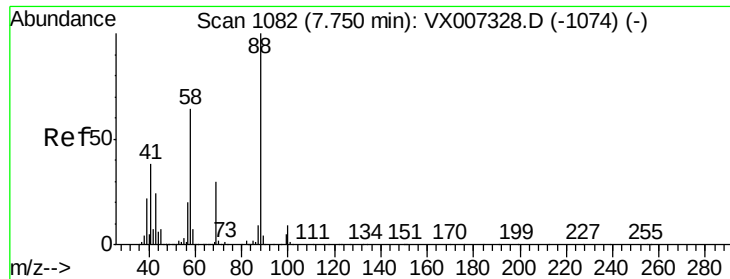
Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Tgt Ion:	41	Resp:	267300
Ion Ratio	Lower	Upper	
41	100		
69	88.4	70.2	105.4
39	59.2	47.4	71.0





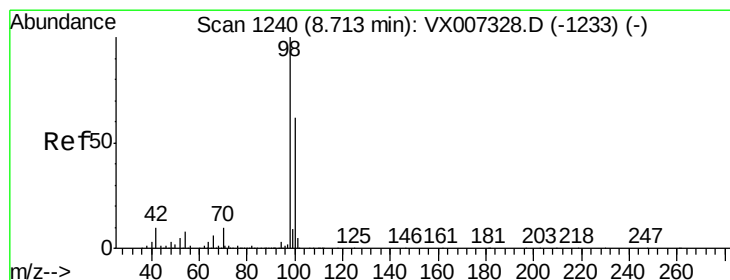
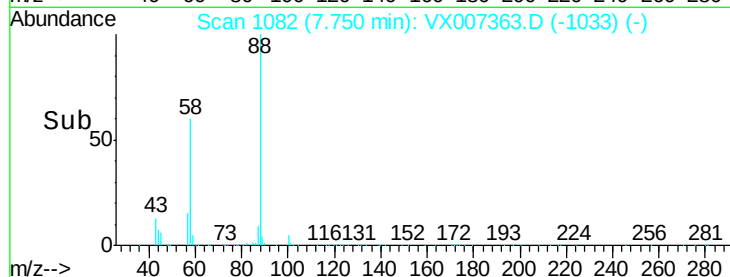
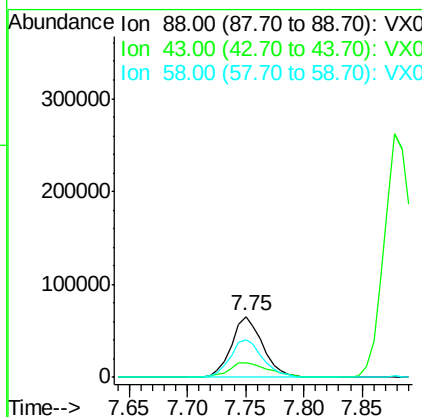
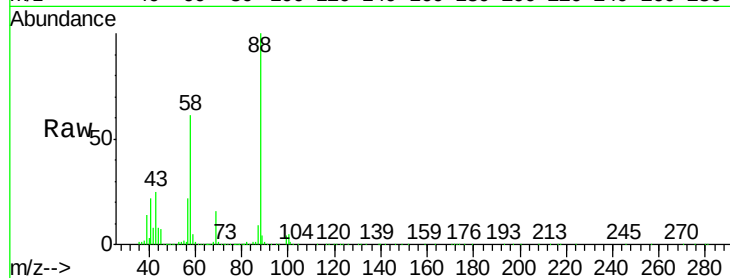
#49
1,4-Dioxane
Concen: 1056.895 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.9	24.2	36.4
58	64.9	53.0	79.4

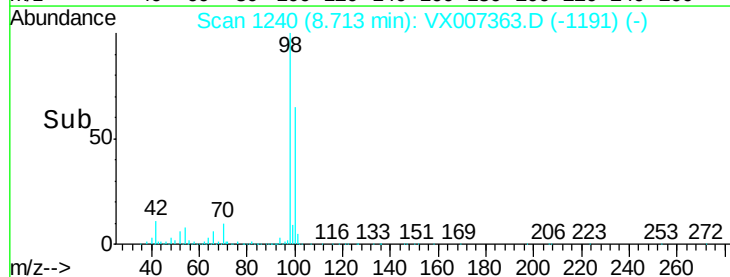
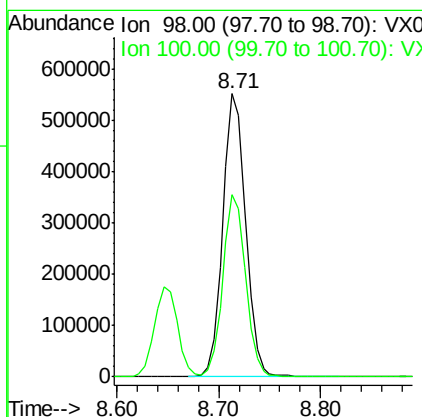
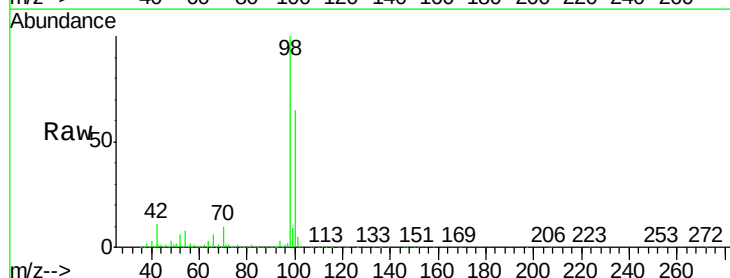
Manual Integrations
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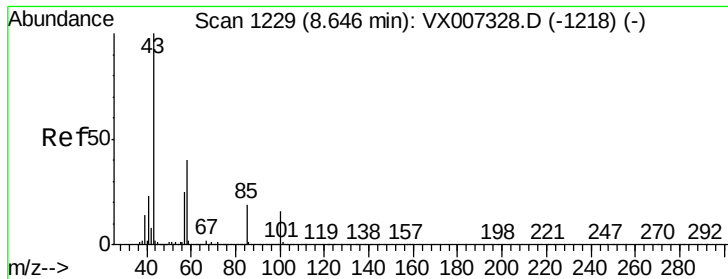
MMDadoda
2/5/2019 9:52:50 AM



#50
Toluene-d8
Concen: 49.352 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 256.333 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1708267

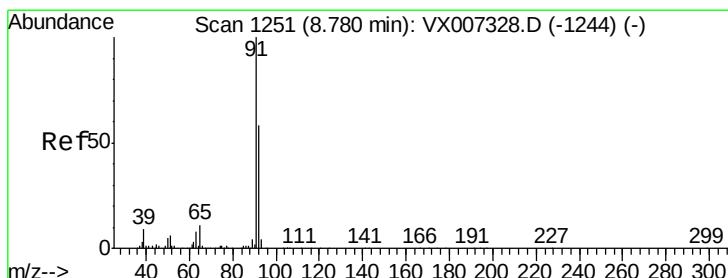
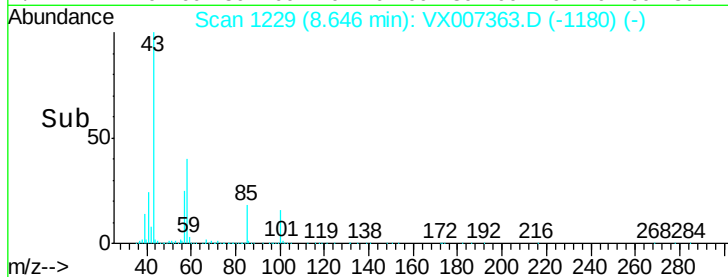
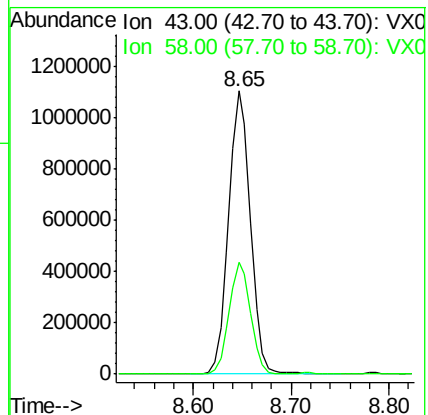
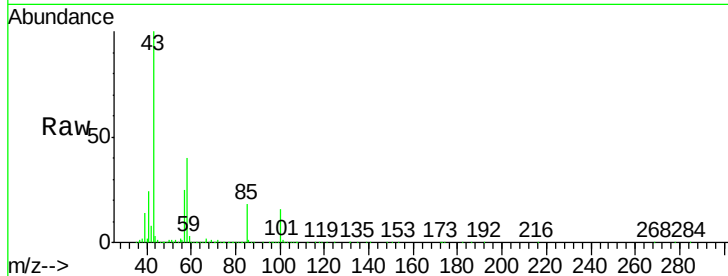
Ion Ratio Lower Upper

43 100

58 39.0 31.2 46.8

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MMDadoda
2/5/2019 9:52:50 AM



#52

Toluene

Concen: 47.783 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007363.D

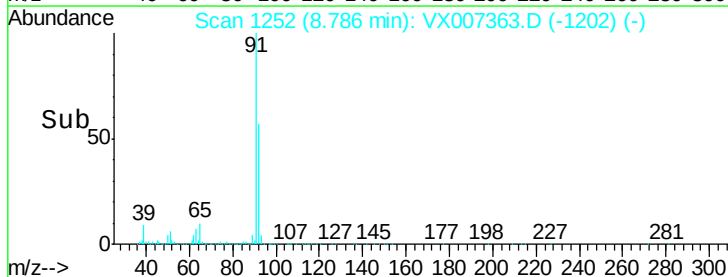
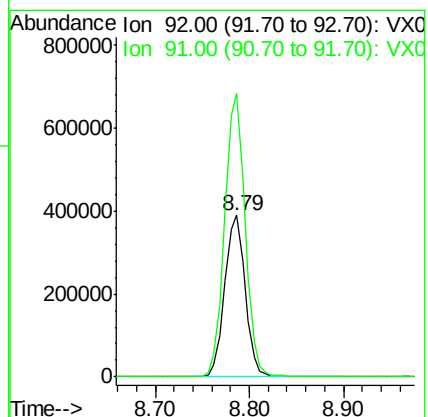
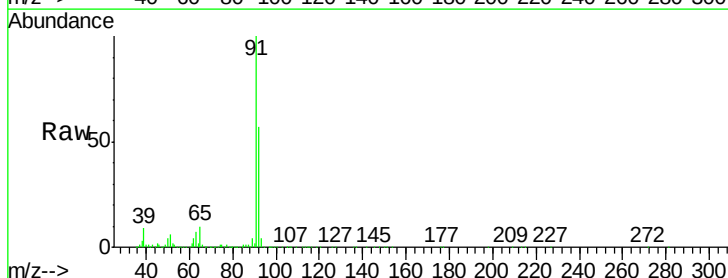
Acq: 04 Feb 2019 16:56

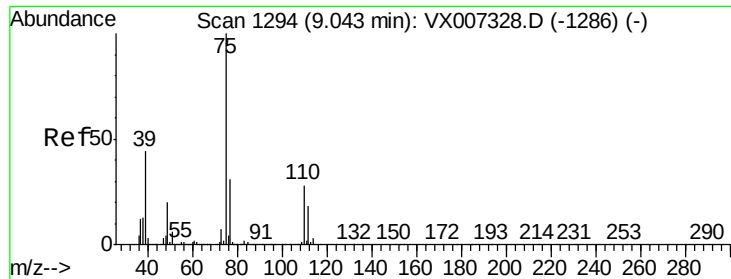
Tgt Ion: 92 Resp: 589200

Ion Ratio Lower Upper

92 100

91 175.5 139.1 208.7





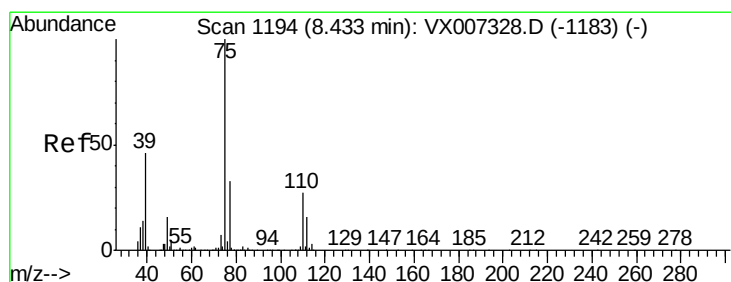
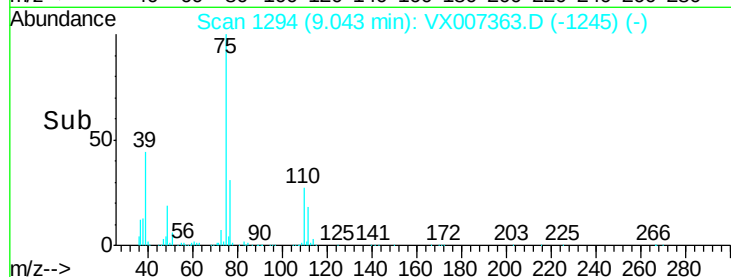
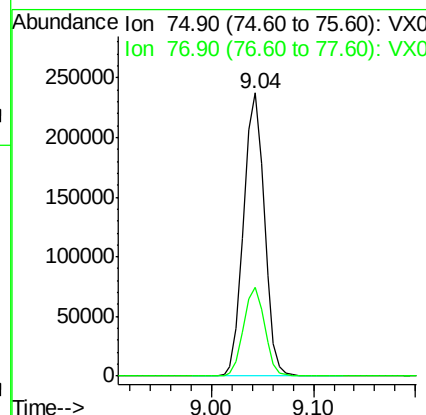
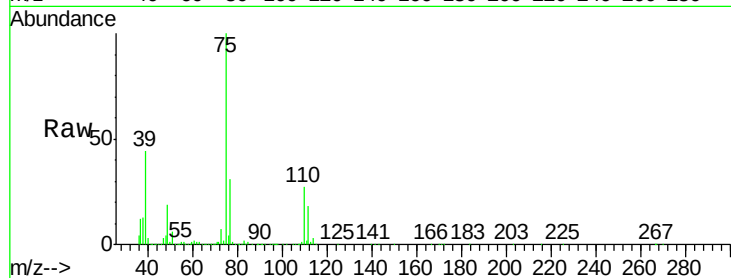
#53
t-1,3-Dichloropropene
Concen: 52.816 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.2	37.8

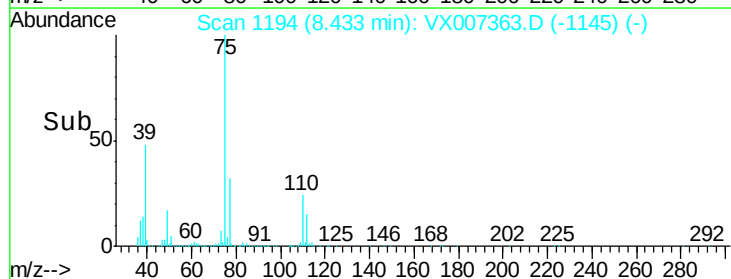
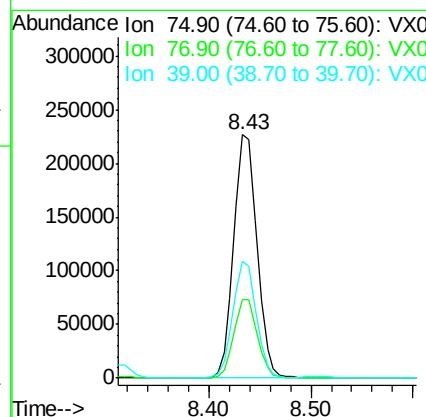
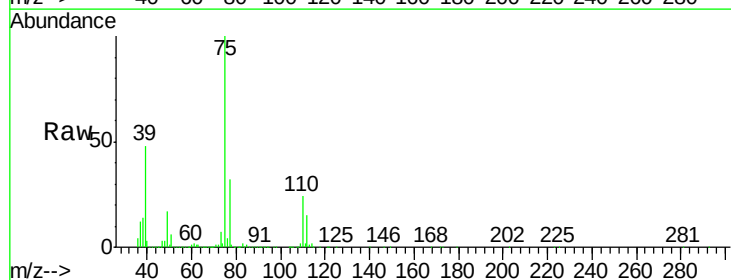
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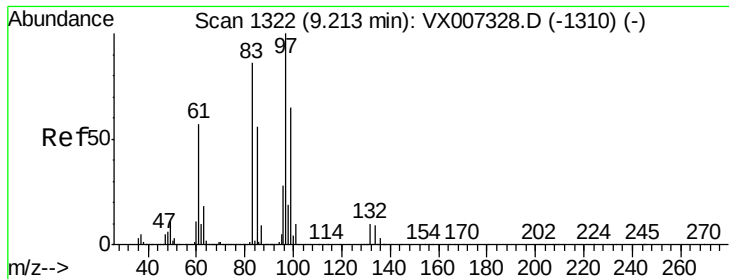
MMDadoda
2/5/2019 9:52:50 AM



#54
cis-1,3-Dichloropropene
Concen: 51.309 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.2	39.4
39	47.7	37.1	55.7





#55

1,1,2-Trichloroethane

Concen: 47.989 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

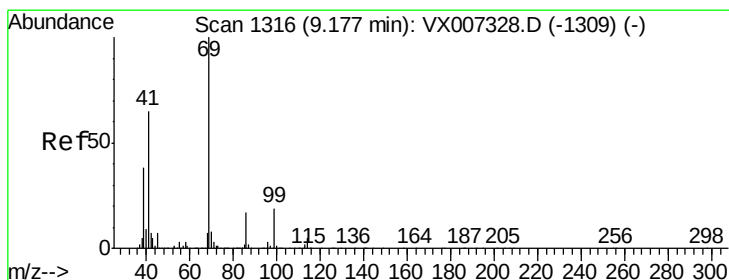
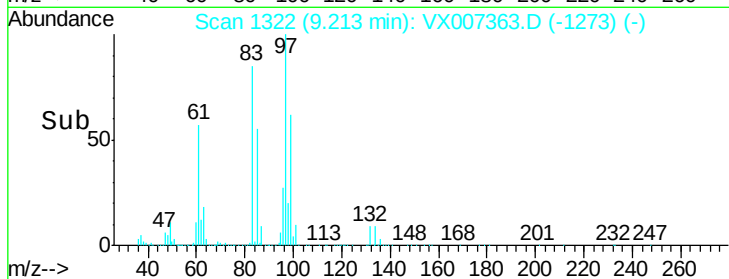
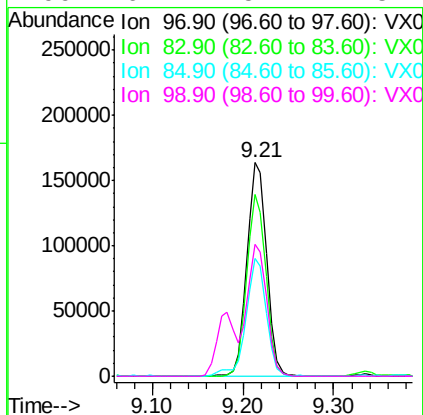
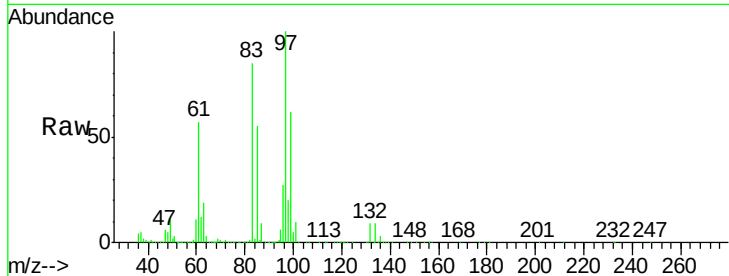
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	246665
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.6	102.8
85	54.9	44.5	66.7
99	61.7	52.2	78.4

Manual Integrations
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2/5/2019 9:52:50 AM



#56

Ethyl methacrylate

Concen: 49.800 ug/l

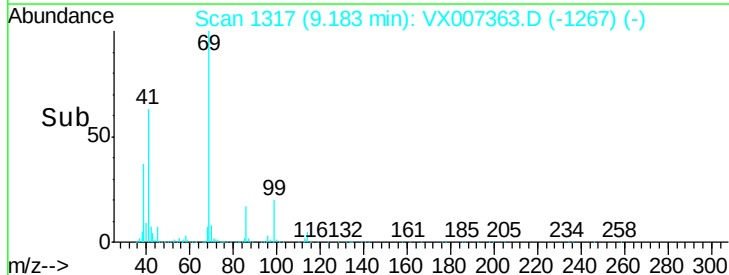
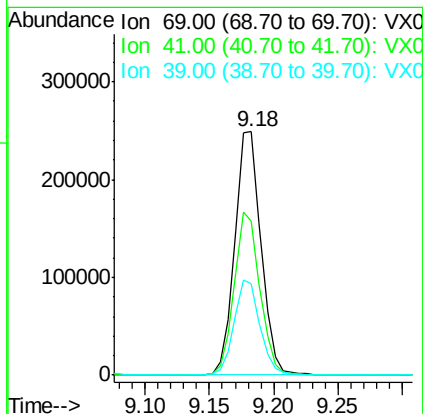
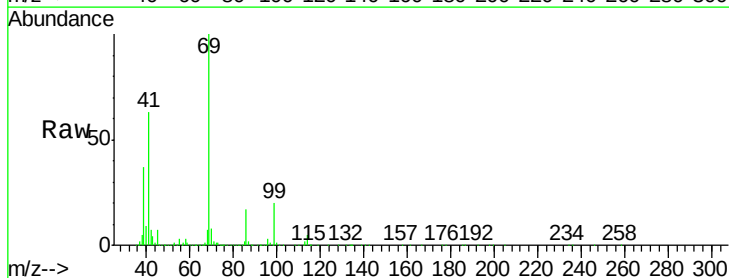
RT: 9.18 min Scan# 1317

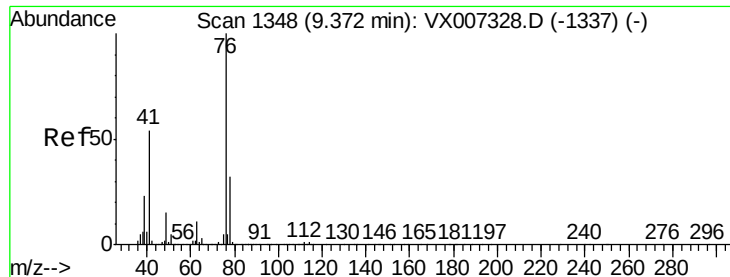
Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Tgt Ion:	69	Resp:	354524
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.1	78.1
39	38.1	30.1	45.1





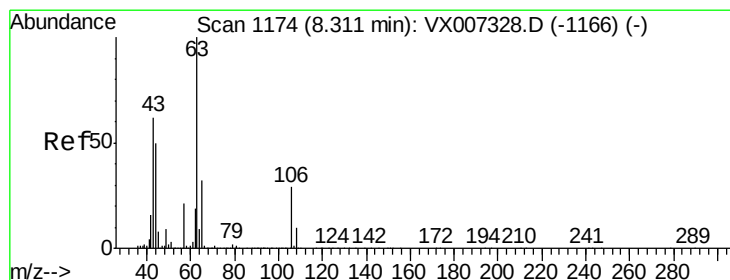
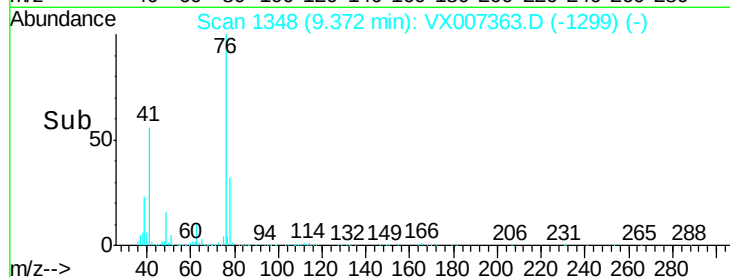
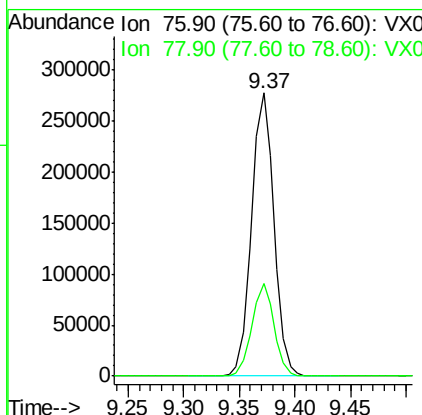
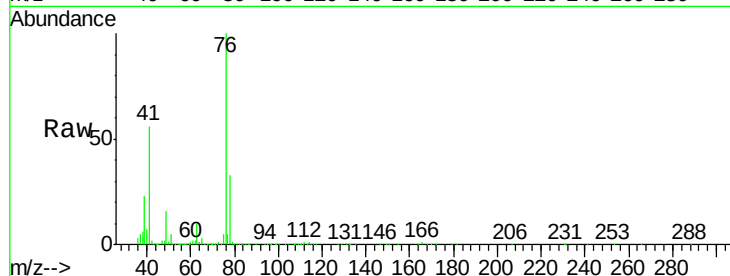
#57
 1,3-Dichloropropane
 Concen: 47.628 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

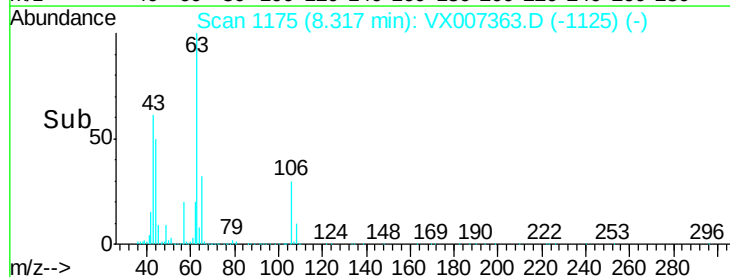
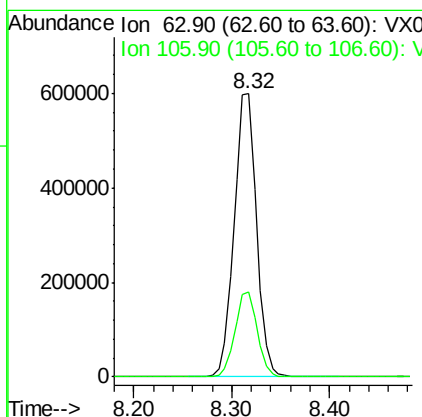
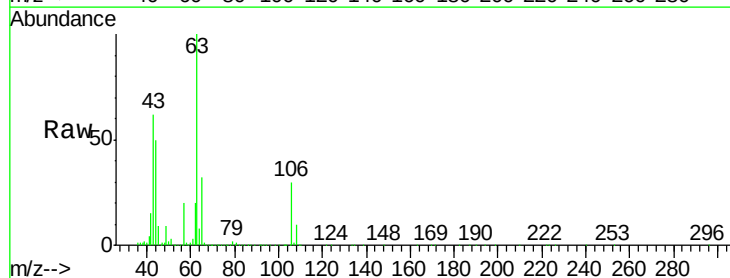
Manual Integrations
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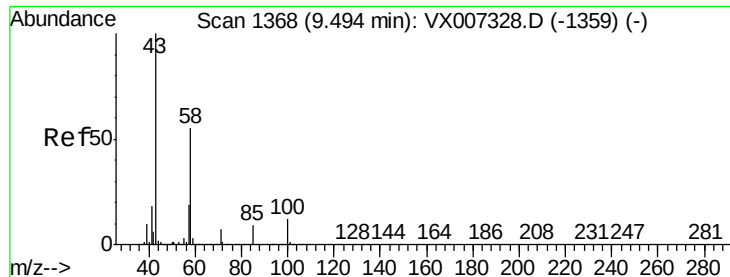
MMDadoda
 2/5/2019 9:52:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.982 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.9	23.6	35.4





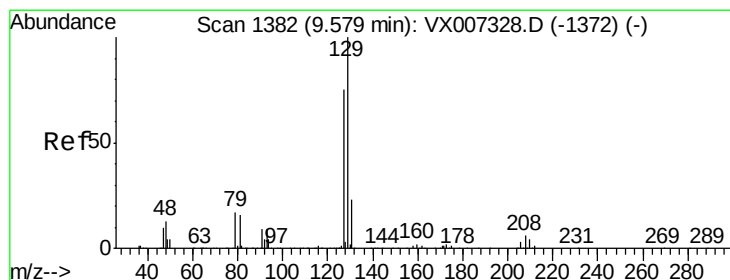
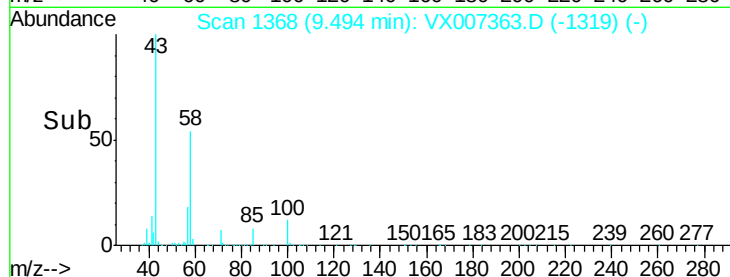
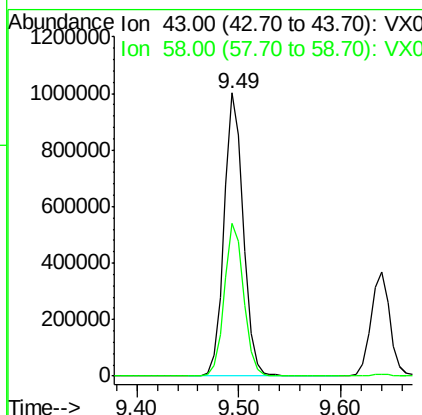
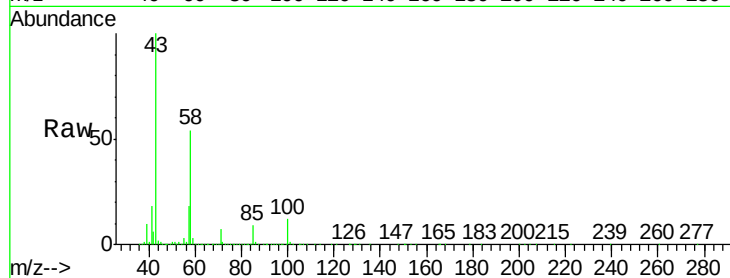
#59
2-Hexanone
Concen: 251.347 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1303458
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3

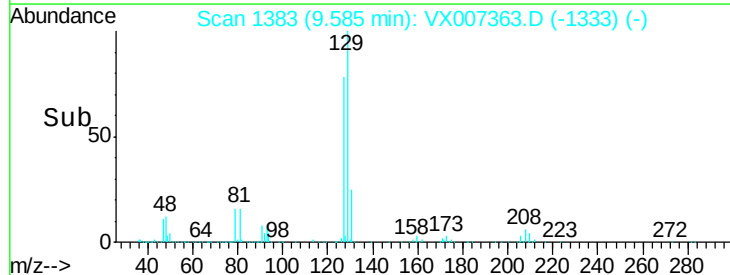
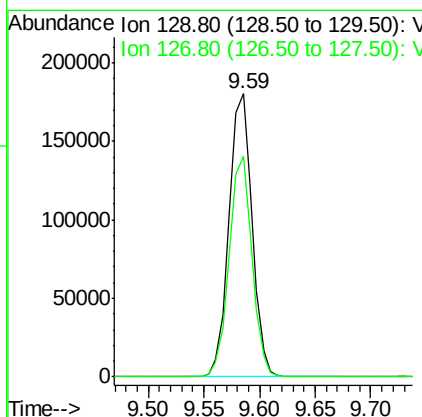
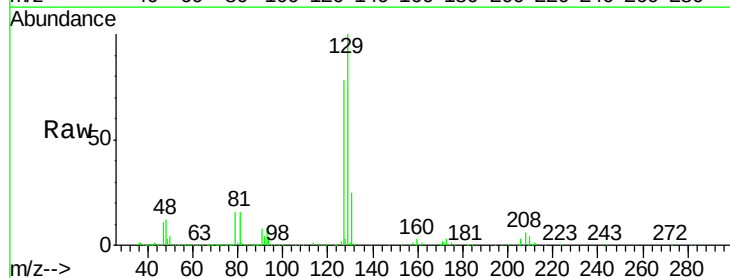
Manual Integrations
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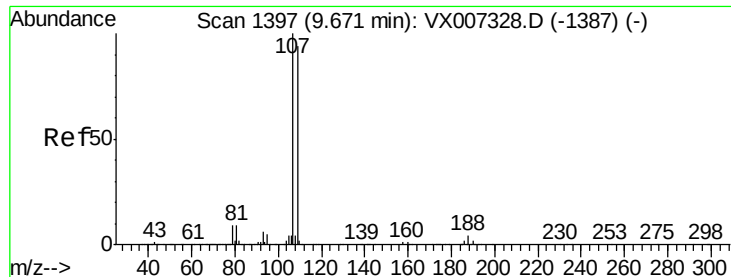
MMDadoda
2/5/2019 9:52:50 AM



#60
Dibromochloromethane
Concen: 53.417 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion: 129 Resp: 259671
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 48.501 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 264008

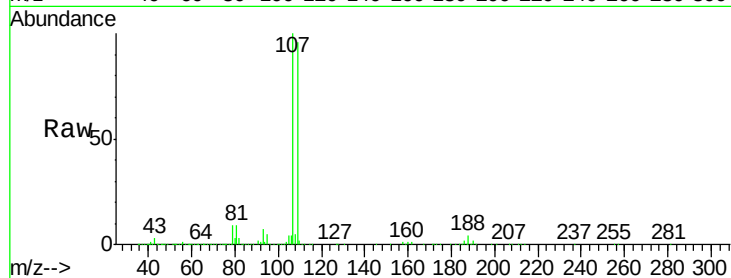
Ion Ratio Lower Upper

107 100

109 95.4 75.1 112.7

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

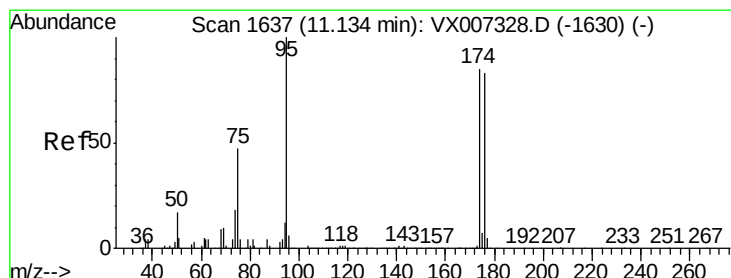
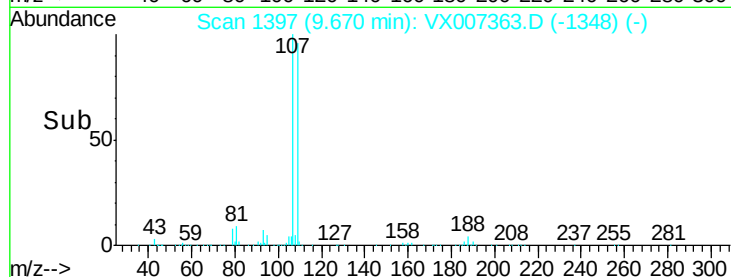
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.420 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

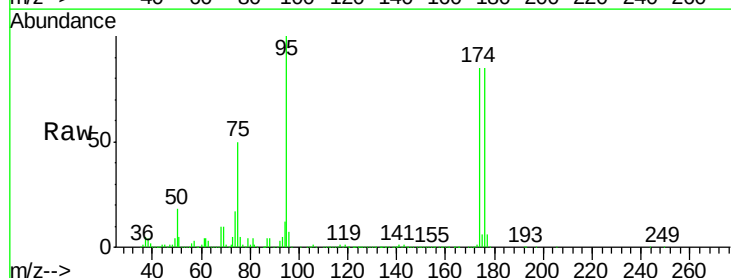
Tgt Ion: 95 Resp: 302225

Ion Ratio Lower Upper

95 100

174 95.9 0.0 189.2

176 93.6 0.0 186.2



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

11.13

300000

250000

200000

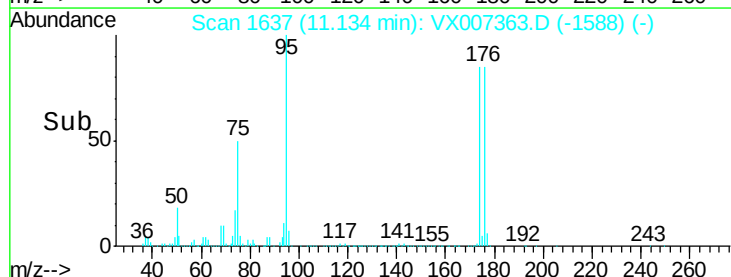
150000

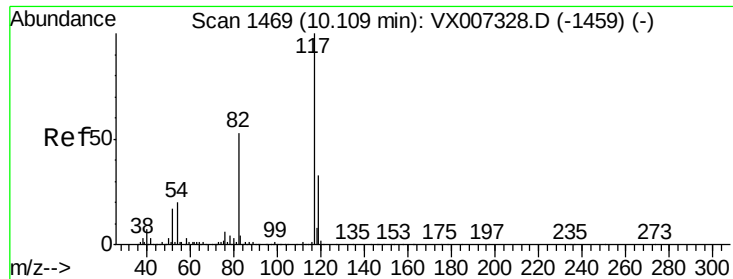
100000

50000

0

Time-->





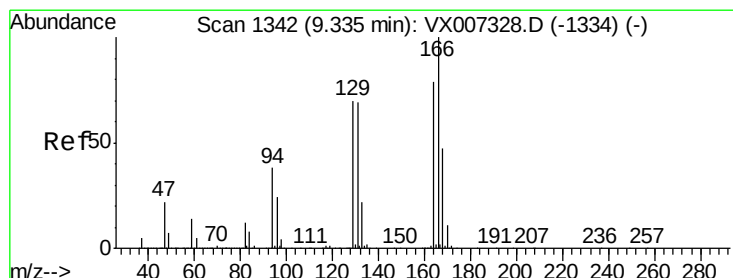
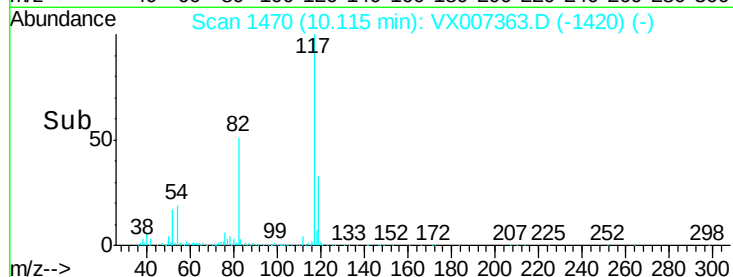
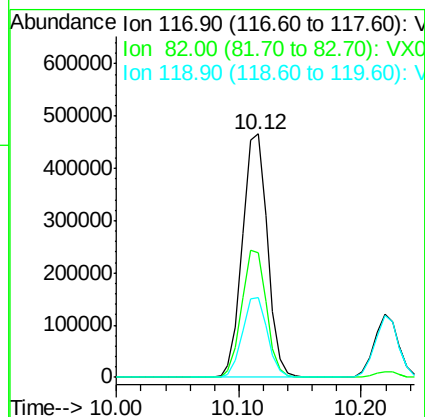
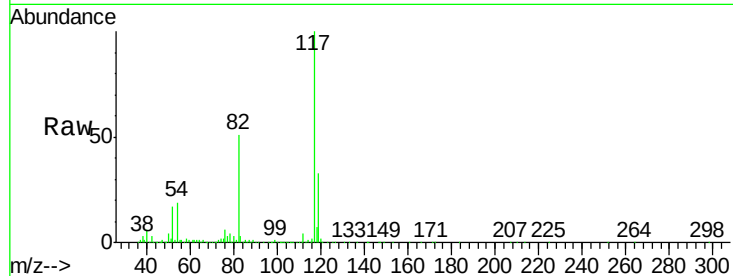
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	661596		
82	51.1	42.1	63.1	
119	33.0	26.5	39.7	

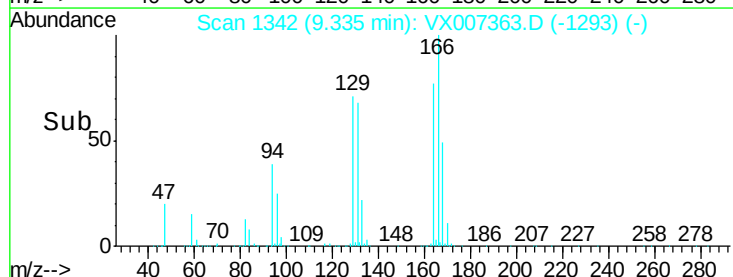
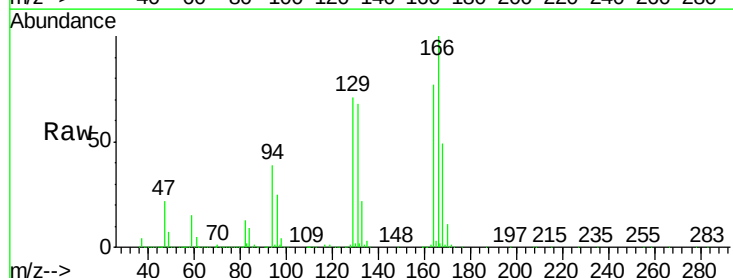
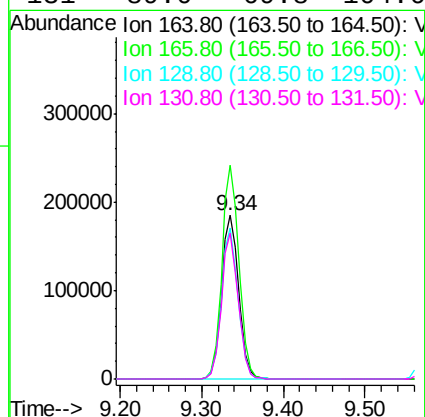
Manual Integrations
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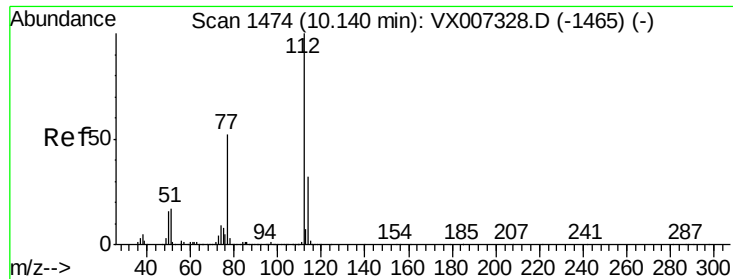
MMDadoda
2/5/2019 9:52:50 AM



#64
Tetrachloroethene
Concen: 43.496 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	271230		
166	130.4	101.0	151.4	
129	92.5	70.5	105.7	
131	89.0	69.8	104.6	





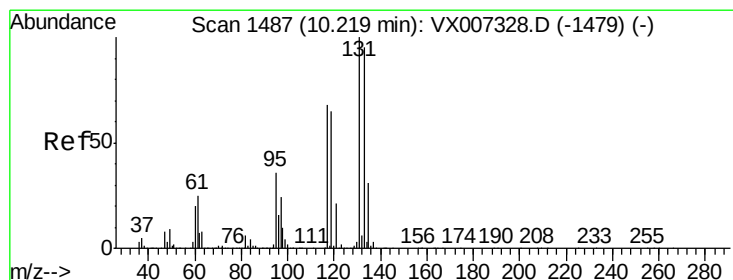
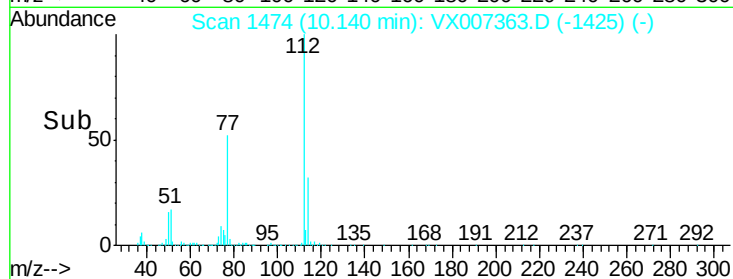
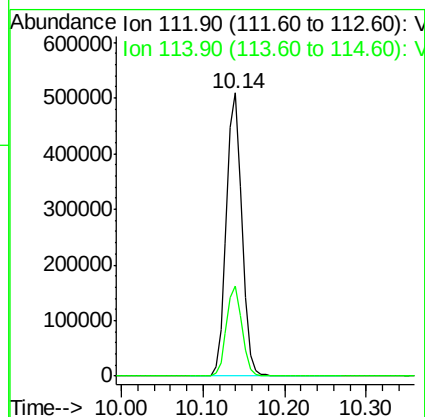
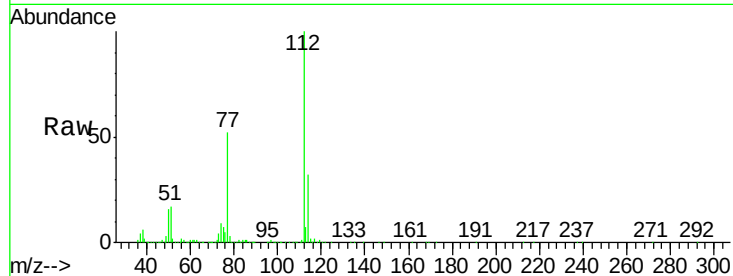
#65
Chlorobenzene
Concen: 46.644 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	673411		
114	31.9	25.8	38.6	

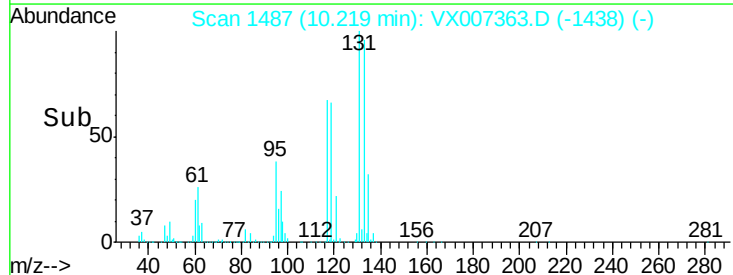
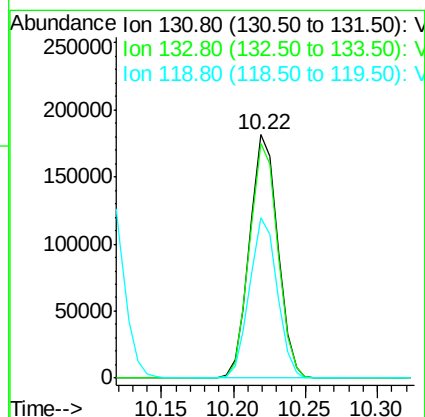
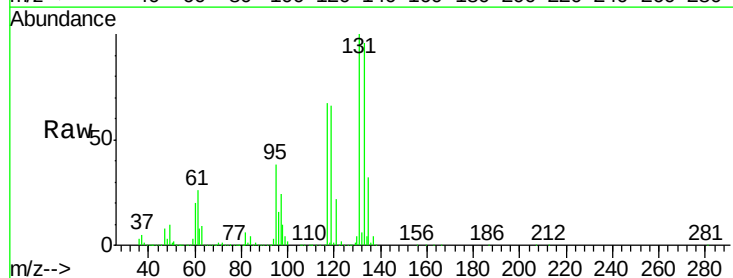
Manual Integrations
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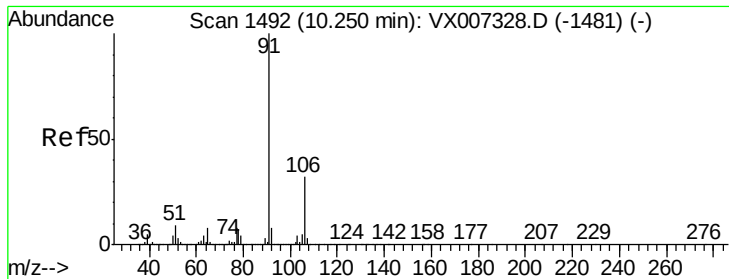
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.751 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	245653		
133	96.4	48.0	144.2	
119	64.9	32.0	96.0	





#67

Ethyl Benzene

Concen: 48.140 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1119241

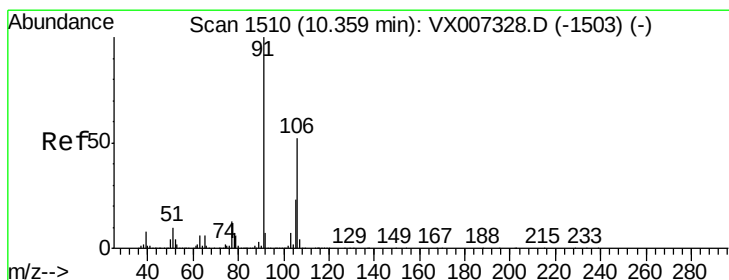
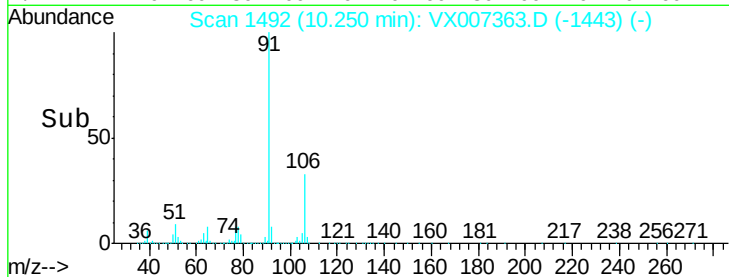
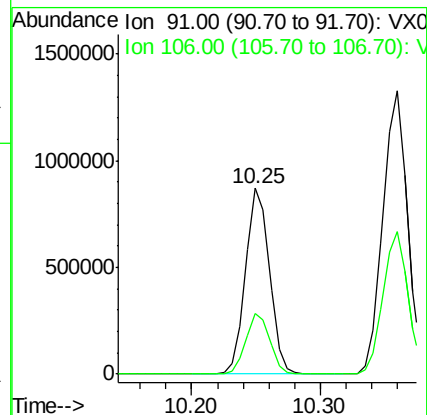
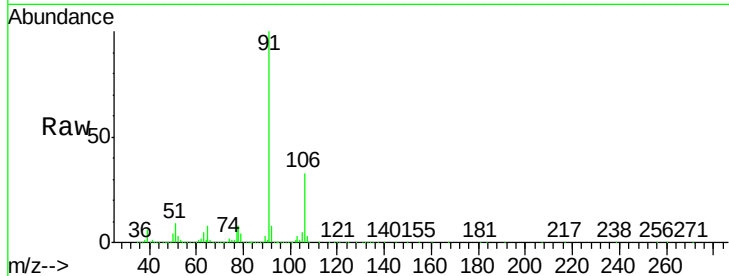
Ion Ratio Lower Upper

91 100

106 32.6 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 96.227 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007363.D

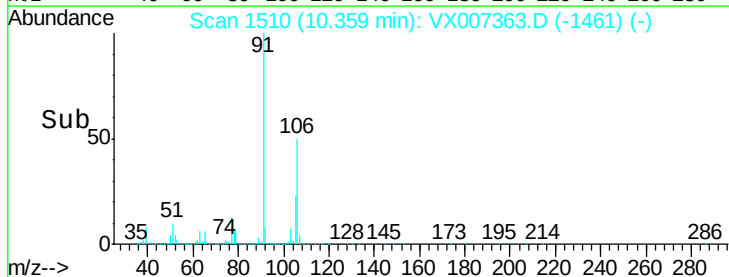
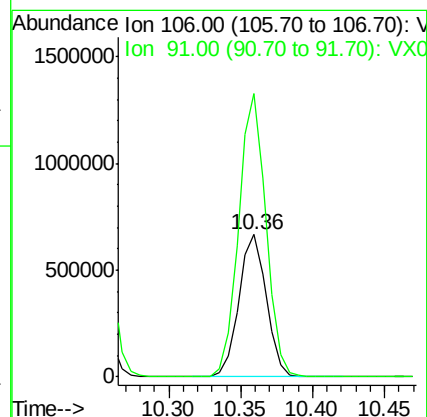
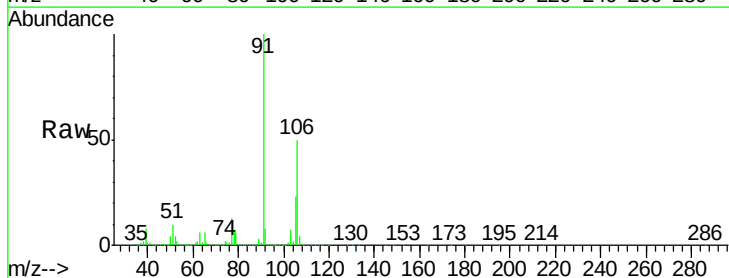
Acq: 04 Feb 2019 16:56

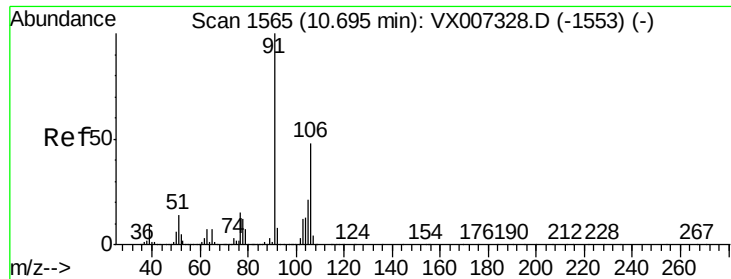
Tgt Ion: 106 Resp: 889327

Ion Ratio Lower Upper

106 100

91 197.1 156.6 234.8





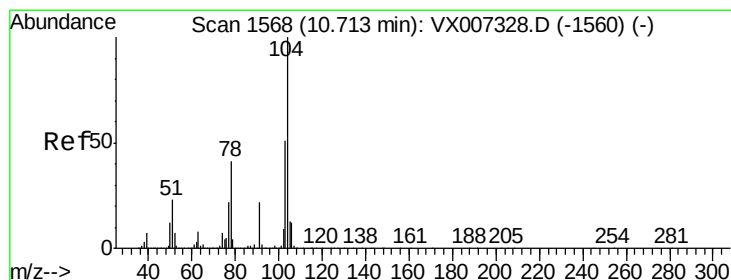
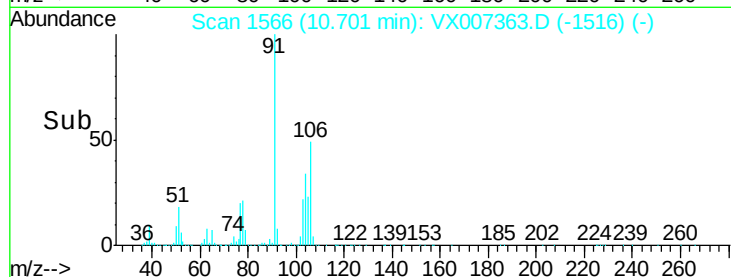
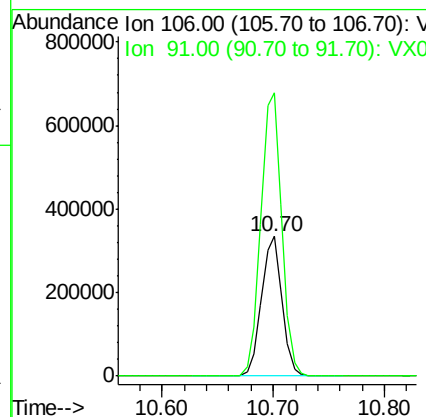
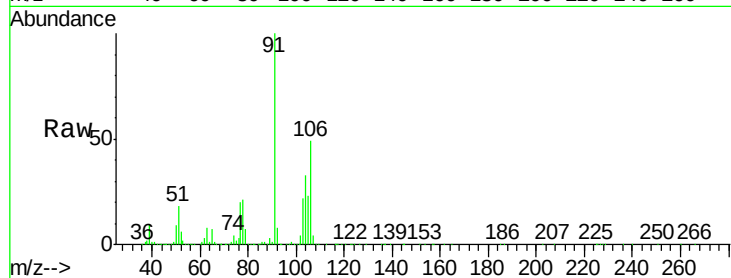
#69
o-Xylene
Concen: 48.471 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
431054	106	100		
	91	206.4	102.9	308.7

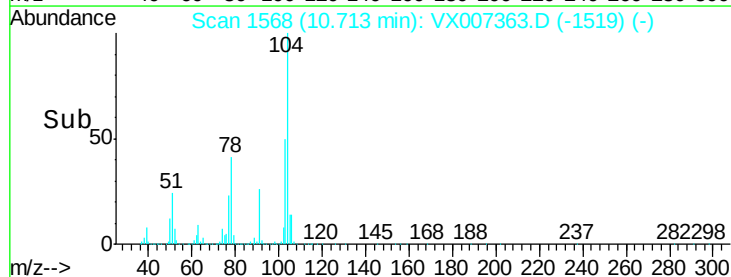
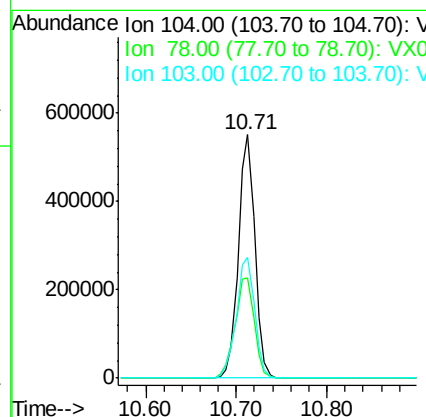
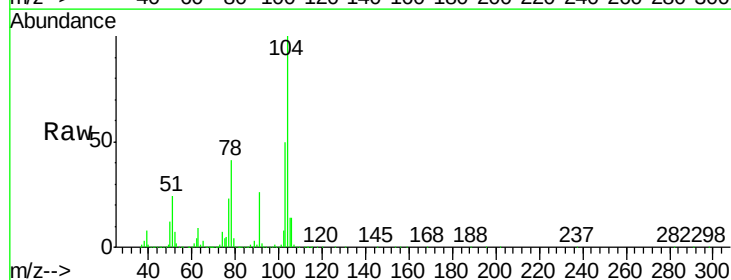
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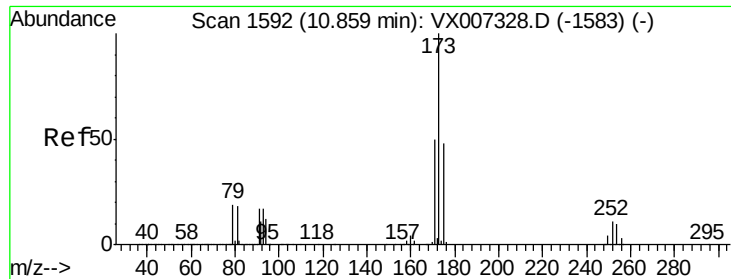
MMDadoda
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#70
Styrene
Concen: 48.330 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ion	Ratio	Lower	Upper
697047	104	100		
	78	48.1	38.3	57.5
	103	55.4	44.6	67.0





#71

Bromoform

Concen: 46.843 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

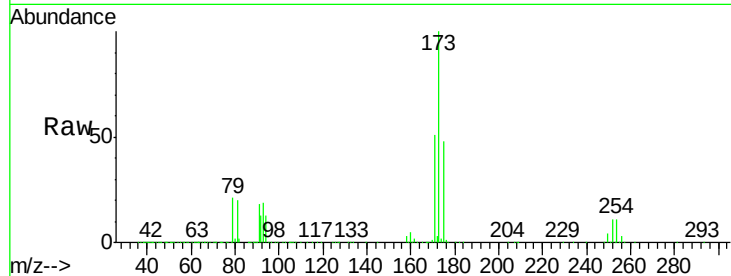
ClientSampleId :

VSTDCCC050EC

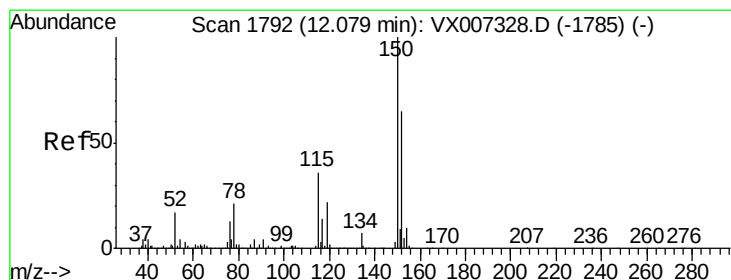
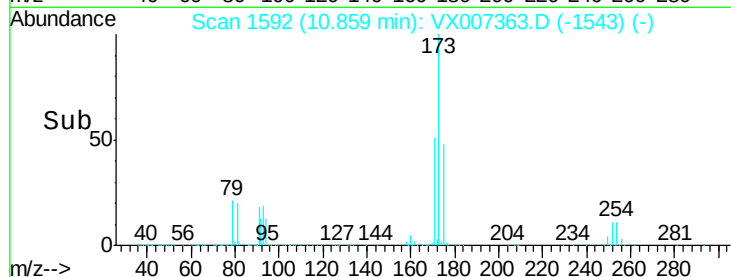
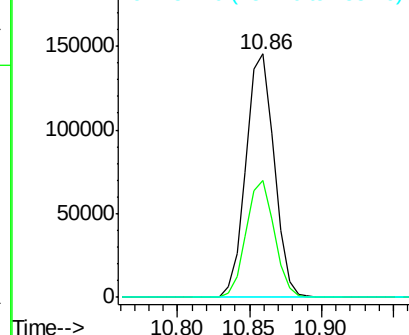
Tot Ion:	173	Resp:	197690
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.2	72.6
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

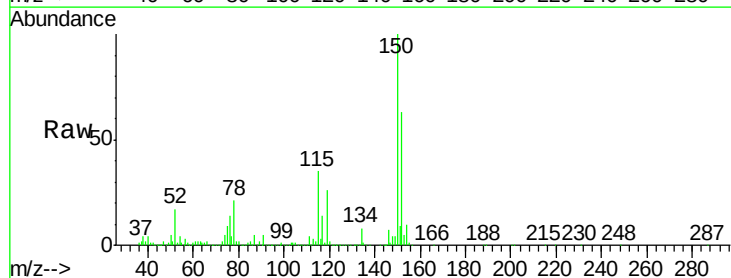
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

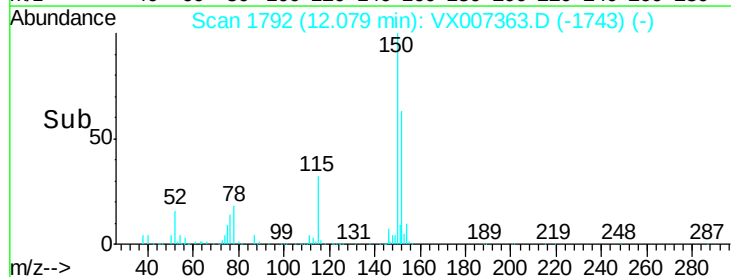
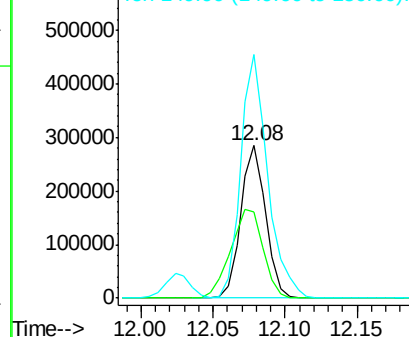
Lab File: VX007363.D

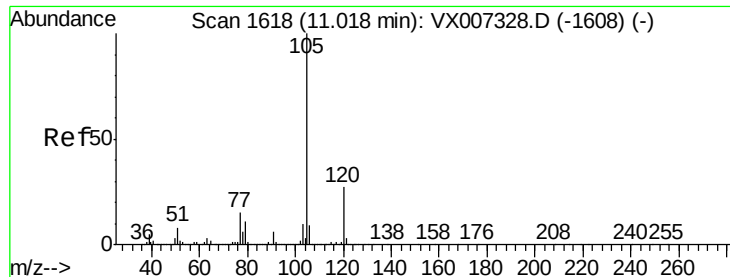
Acq: 04 Feb 2019 16:56

Tgt Ion:	152	Resp:	342083
Ion Ratio	Lower	Upper	
152	100		
115	76.4	38.0	114.0
150	173.8	0.0	346.4



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





#73

Isopropylbenzene

Concen: 49.400 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1148382

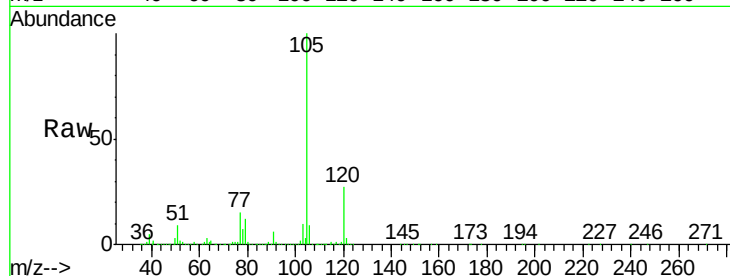
Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.7

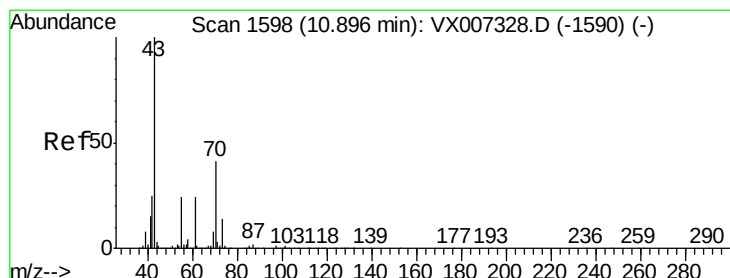
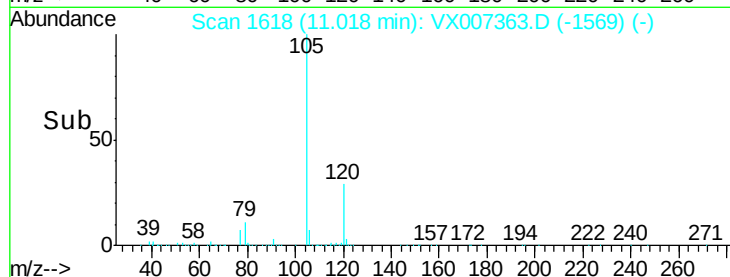
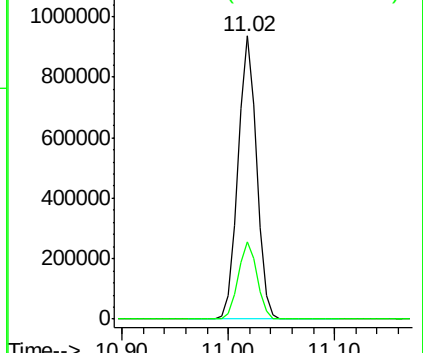
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.560 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Tgt Ion: 43 Resp: 463599

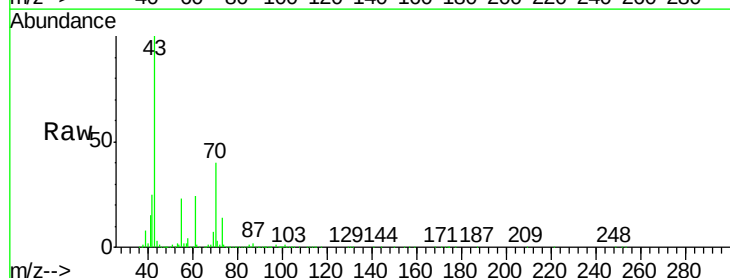
Ion Ratio Lower Upper

43 100

70 41.9 33.8 50.6

55 23.9 19.5 29.3

61 24.0 19.4 29.2

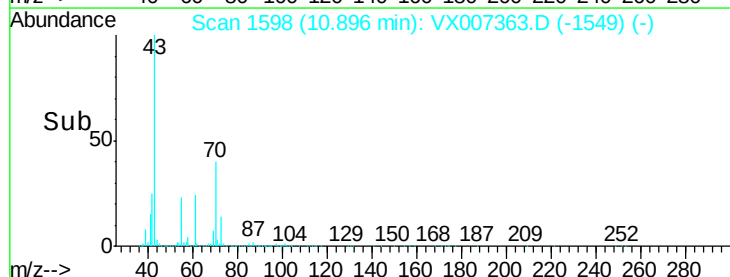
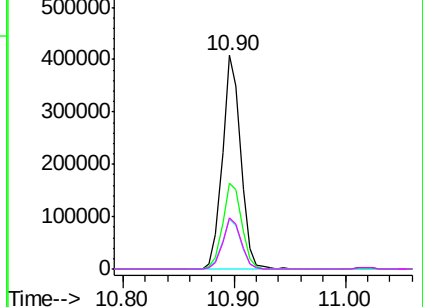


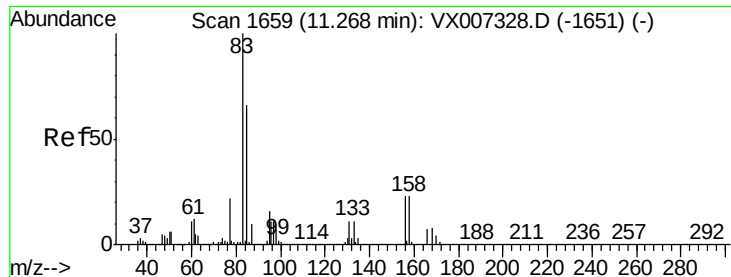
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.715 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

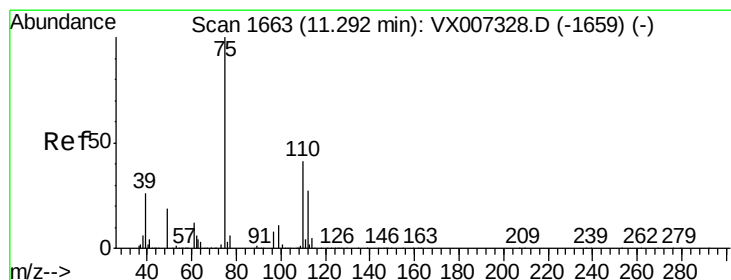
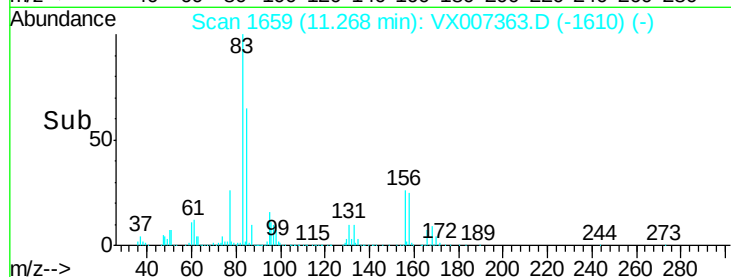
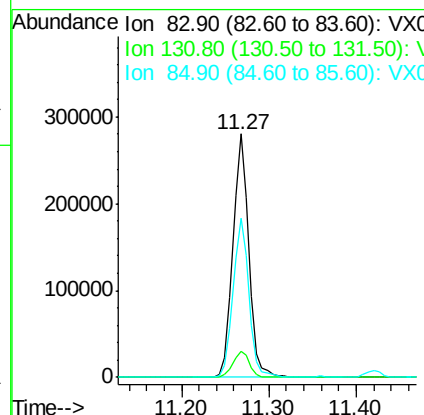
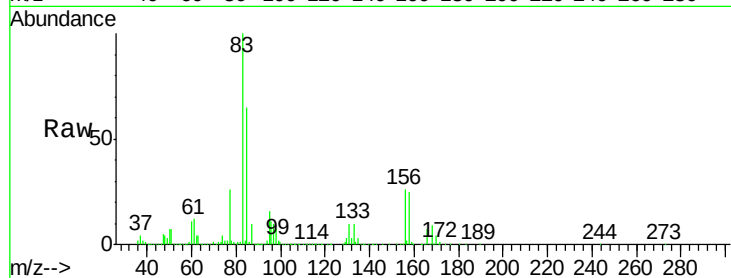
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	352207
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.7	17.0
85	65.4	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.750 ug/l m

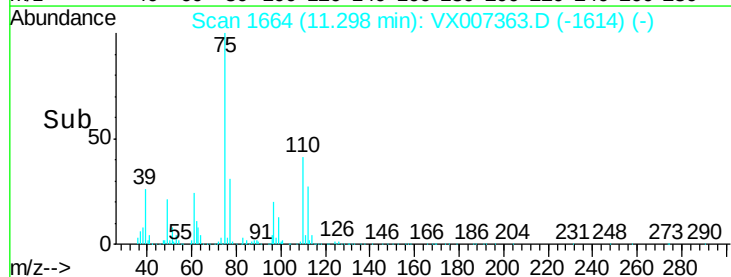
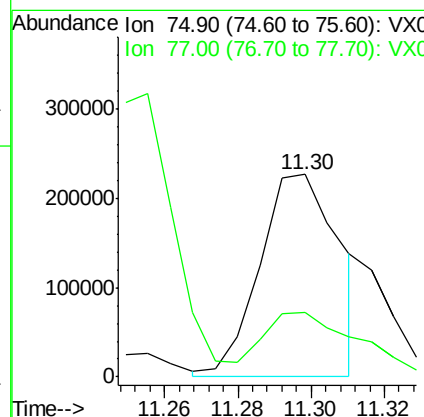
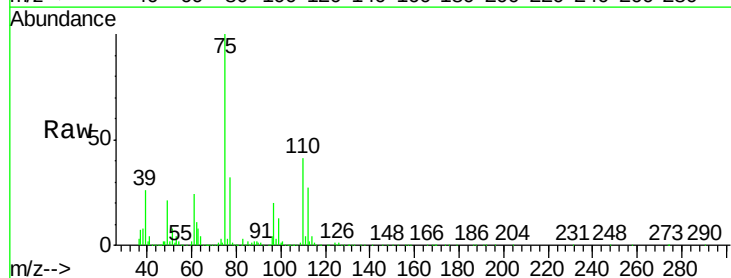
RT: 11.30 min Scan# 1664

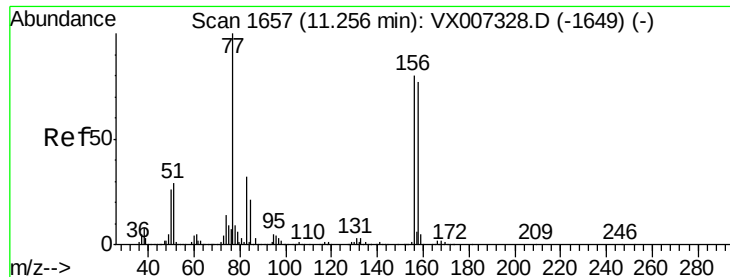
Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Tgt Ion:	75	Resp:	344342
Ion Ratio	Lower	Upper	
75	100		
77	37.7	23.0	69.0





#77

Bromobenzene

Concen: 47.350 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 310130

Ion Ratio Lower Upper

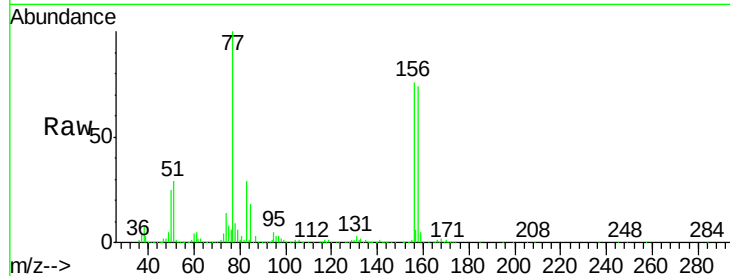
156 100

77 136.9 66.8 200.6

158 97.7 47.9 143.8

Manual Integrations
APPROVED

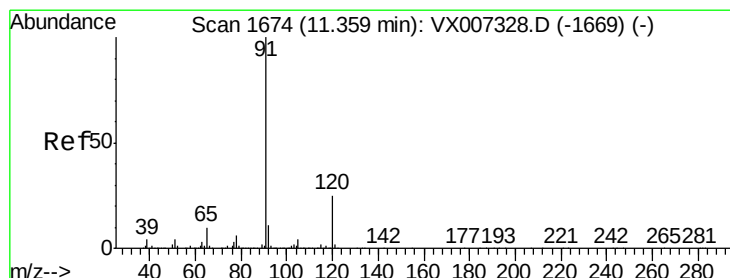
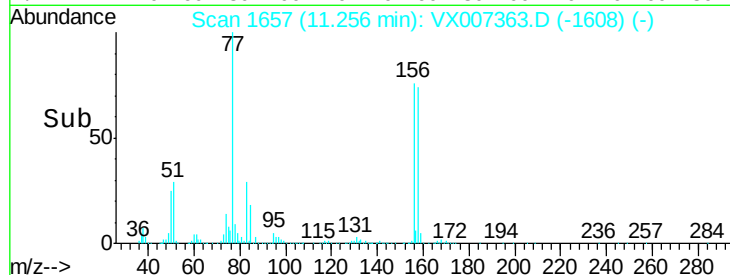
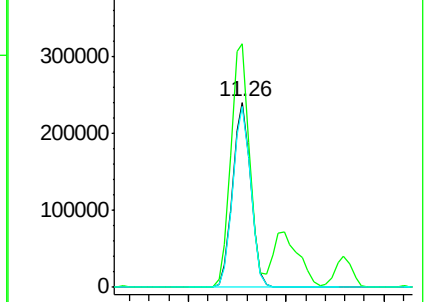
MMDadoda
2/5/2019 9:52:50 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.453 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007363.D

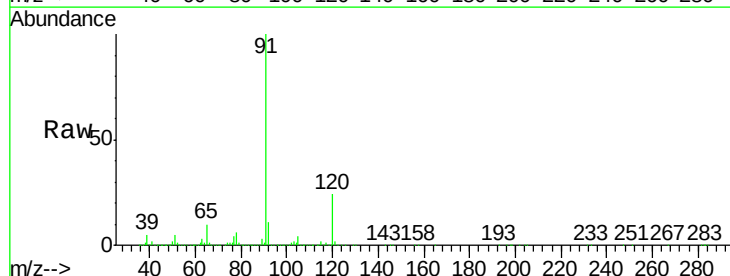
Acq: 04 Feb 2019 16:56

Tgt Ion: 91 Resp: 1286092

Ion Ratio Lower Upper

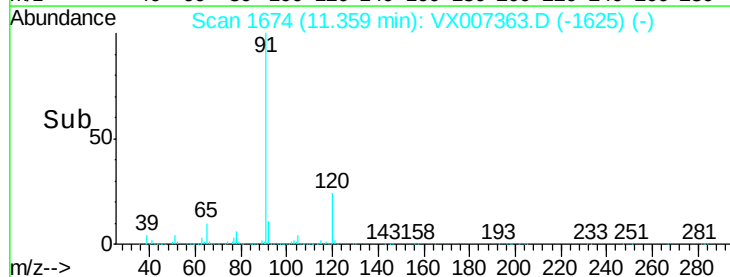
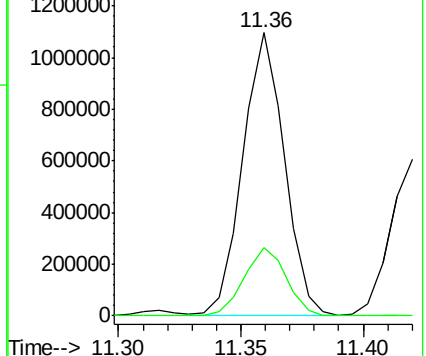
91 100

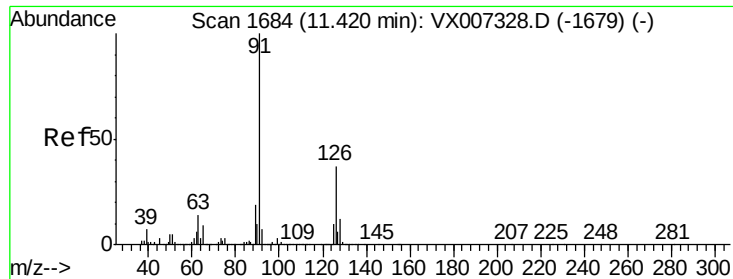
120 24.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.192 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 745405

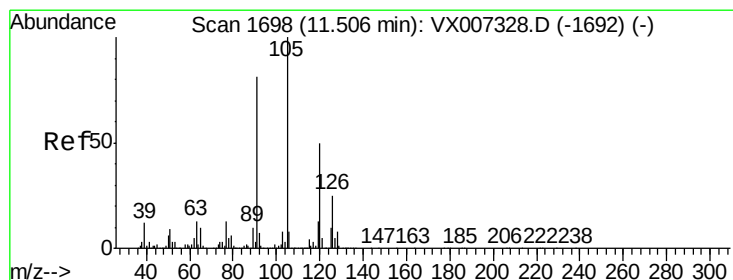
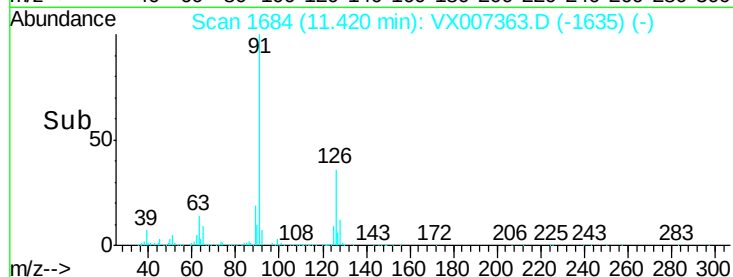
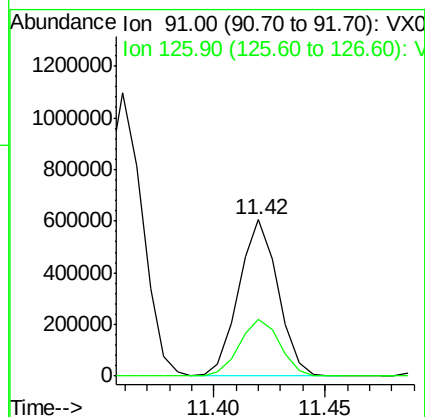
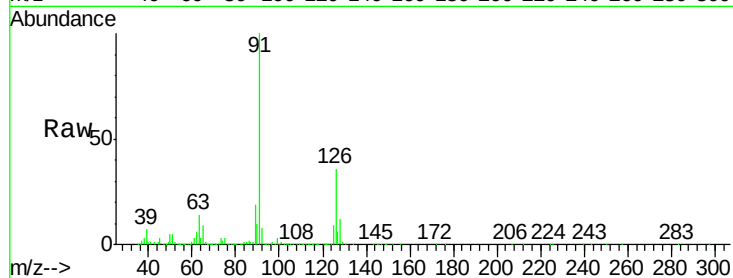
Ion Ratio Lower Upper

91 100

126 37.4 18.7 56.1

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 49.493 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007363.D

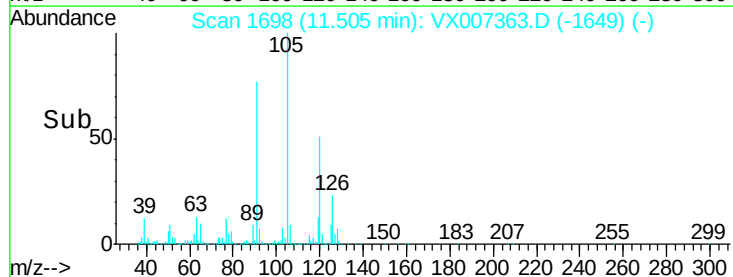
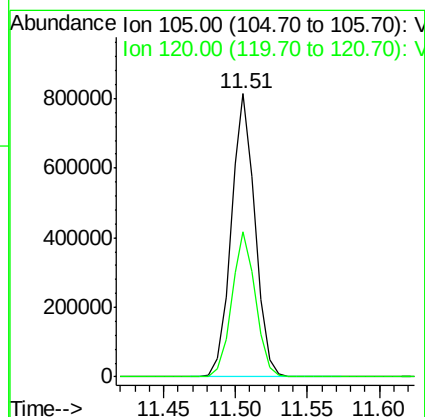
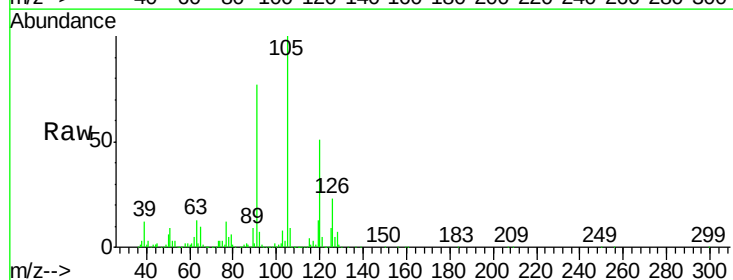
Acq: 04 Feb 2019 16:56

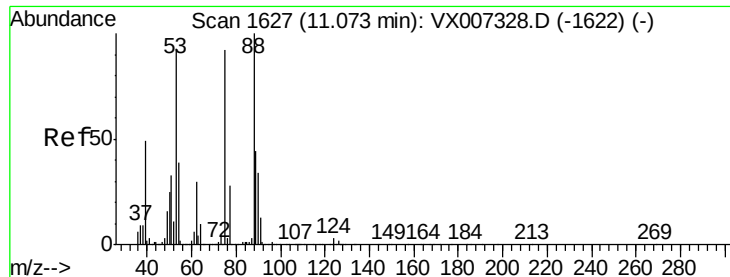
Tgt Ion: 105 Resp: 941276

Ion Ratio Lower Upper

105 100

120 51.0 25.3 75.8





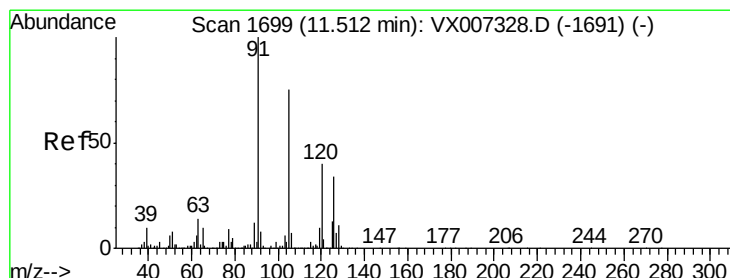
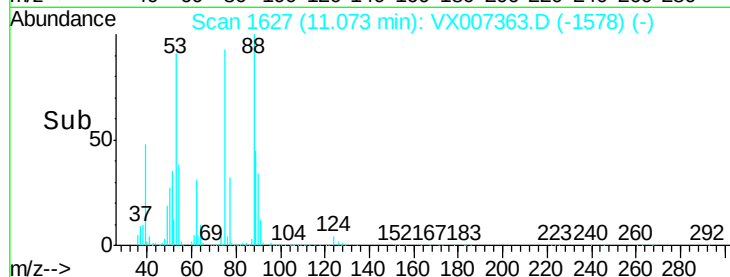
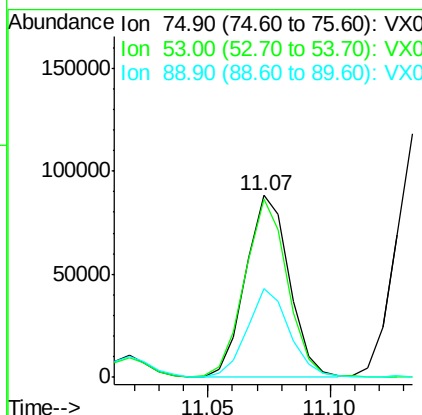
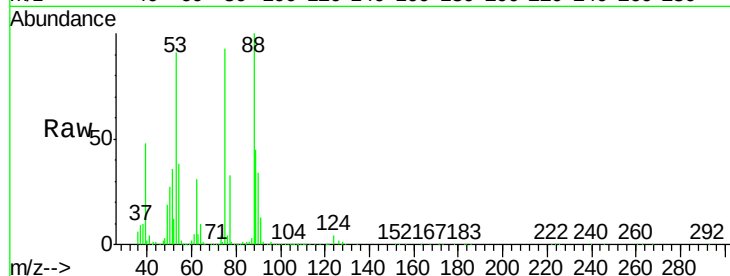
#81
trans-1,4-Dichloro-2-butene
Concen: 50.176 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.9	81.0	121.6
89	47.6	41.4	62.0

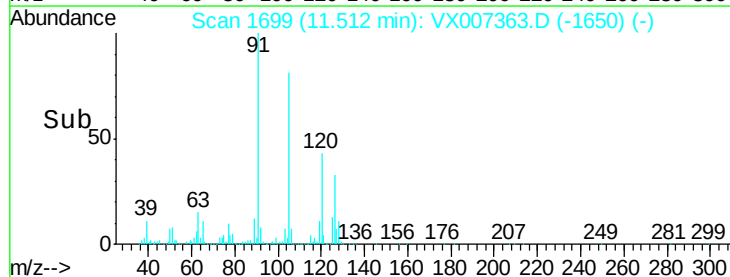
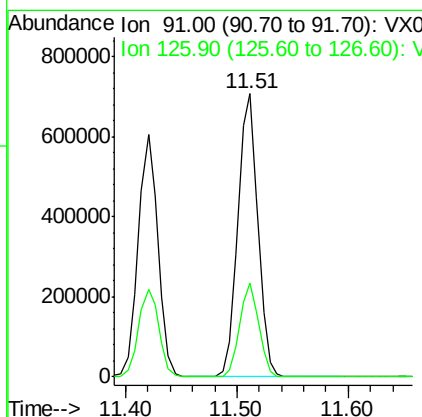
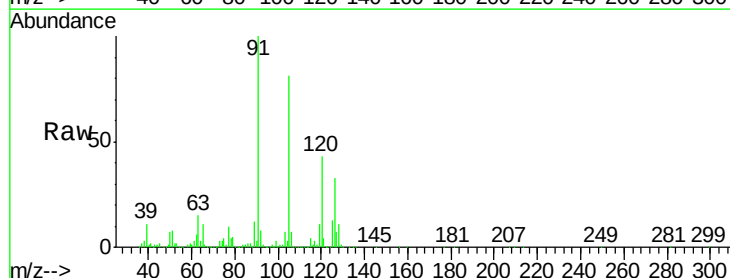
Manual Integrations
APPROVED

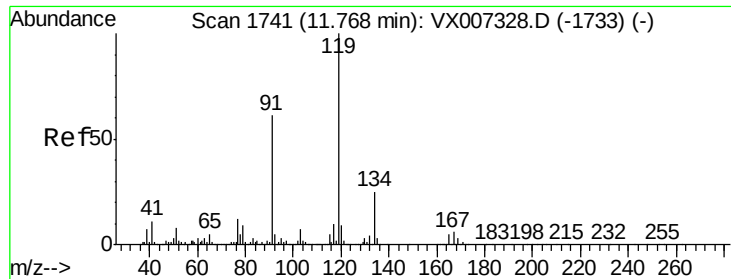
MMDadoda
2/5/2019 9:52:50 AM



#82
4-Chlorotoluene
Concen: 49.075 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.2	48.5





#83

tert-Butylbenzene

Concen: 50.652 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

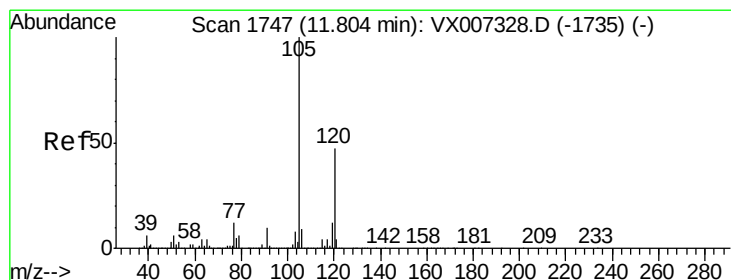
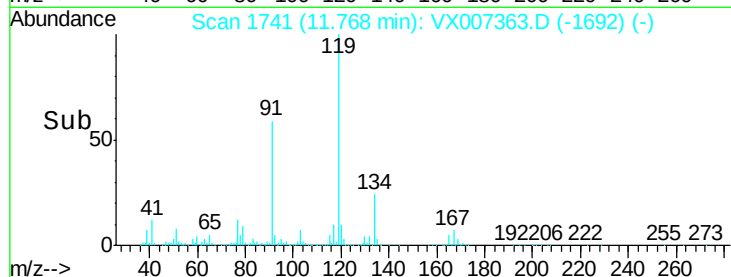
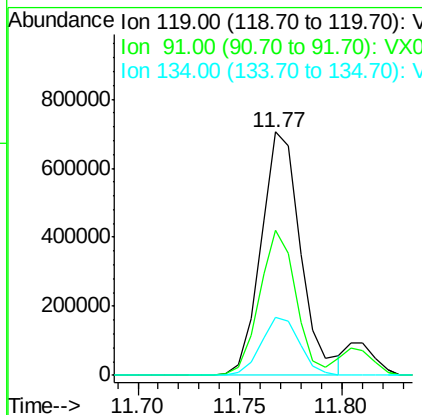
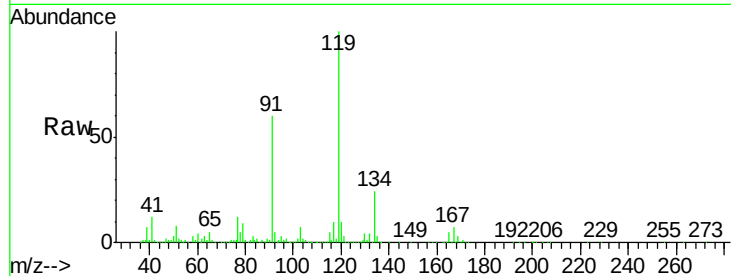
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	953750
Ion Ratio	Lower	Upper	
119	100		
91	55.1	28.5	85.6
134	23.3	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 50.087 ug/l

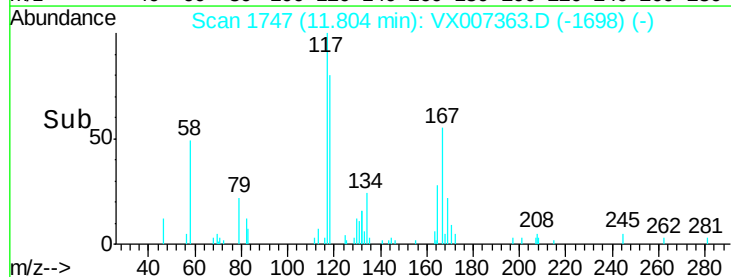
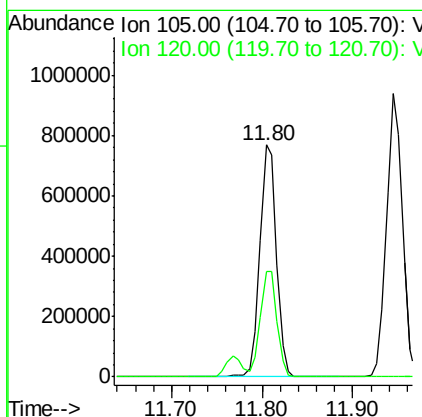
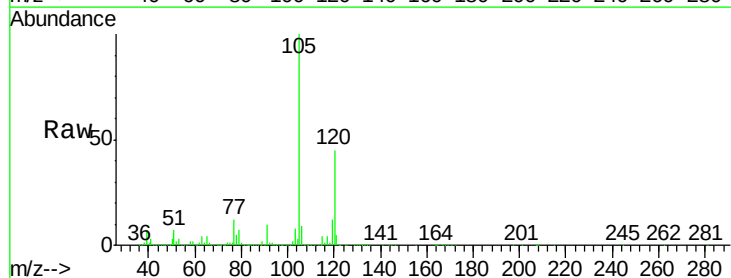
RT: 11.80 min Scan# 1747

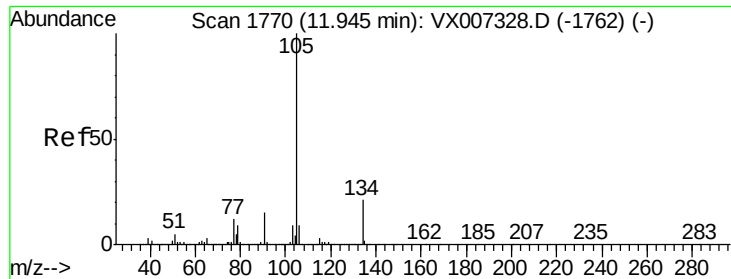
Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Tgt Ion:	105	Resp:	967075
Ion Ratio	Lower	Upper	
105	100		
120	45.6	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.014 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1139795

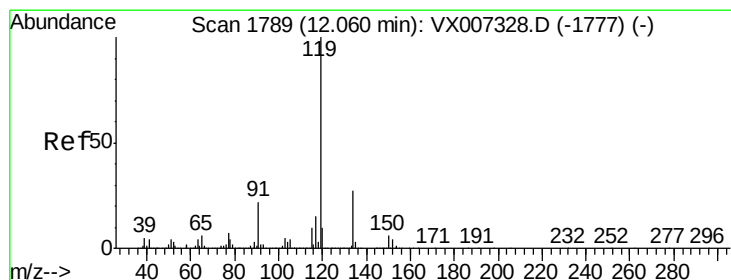
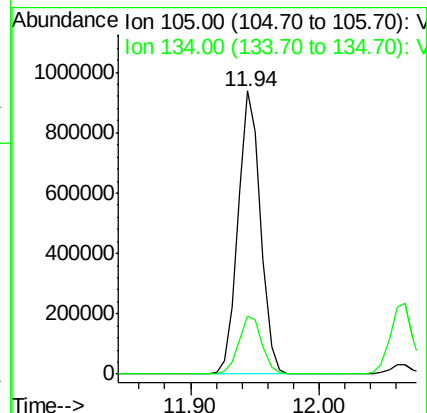
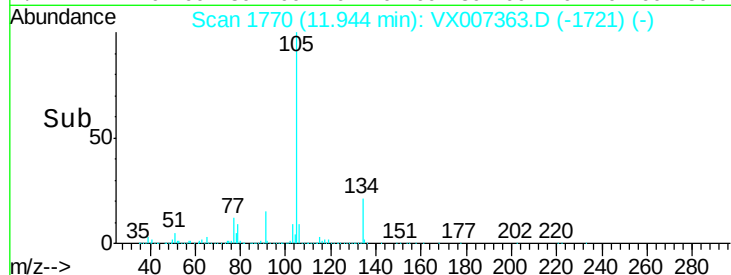
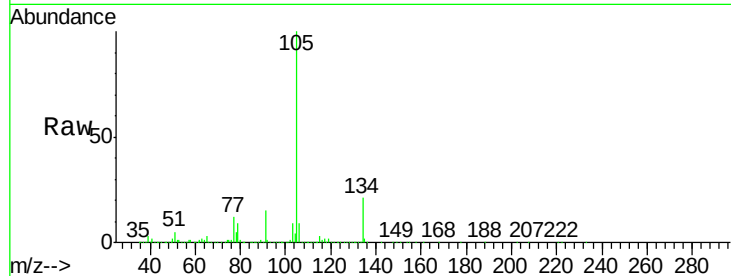
Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8

Manual Integrations
APPROVED

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2/5/2019 9:52:50 AM



#86

p-Isopropyltoluene

Concen: 50.230 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

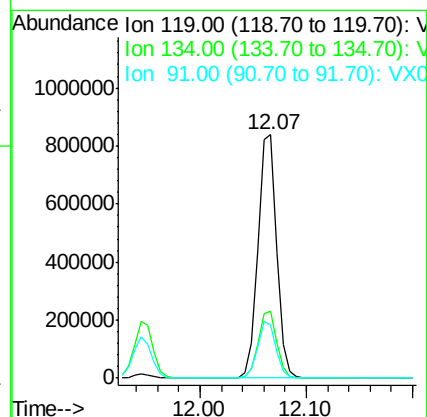
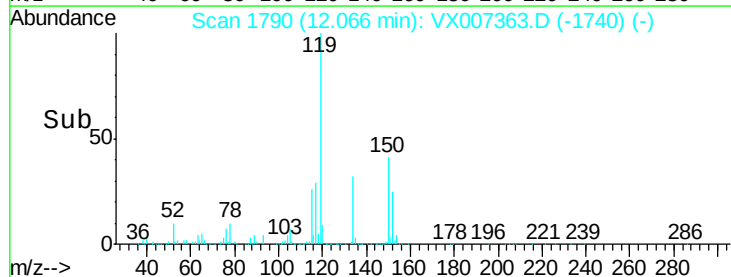
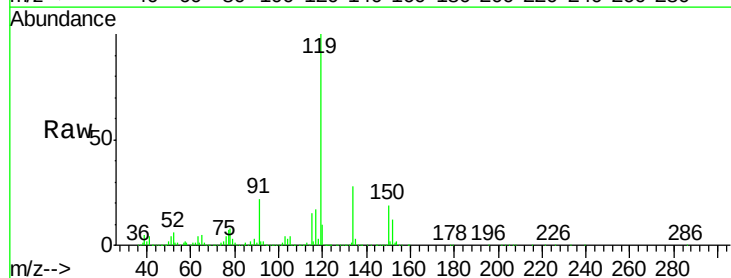
Tgt Ion:119 Resp: 1033321

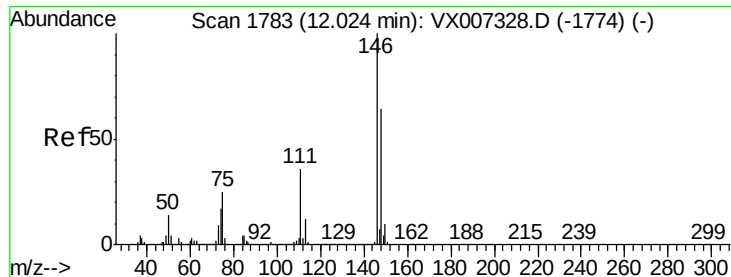
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 22.4 11.2 33.5





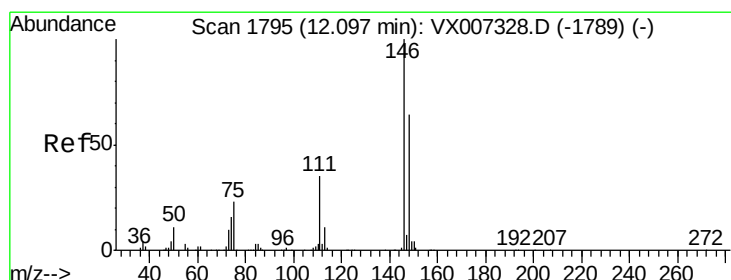
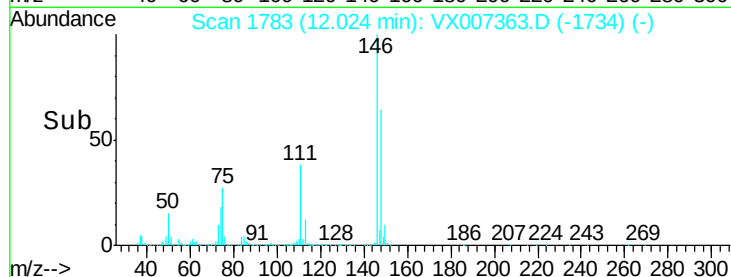
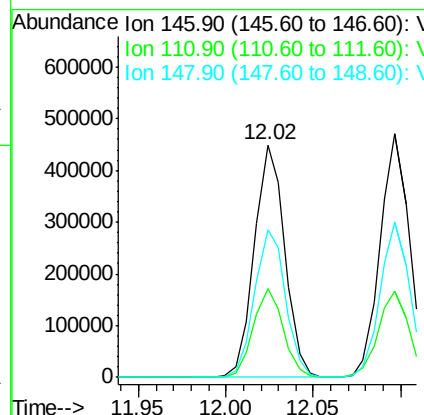
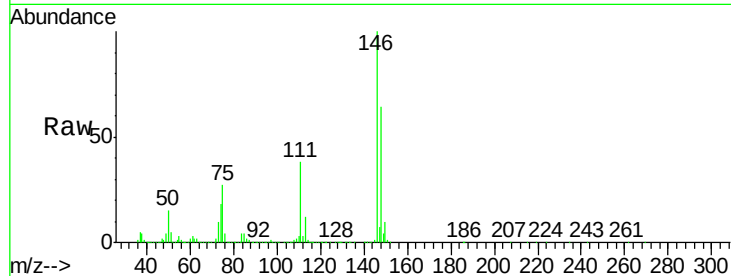
#87
 1,3-Dichlorobenzene
 Concen: 46.184 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	64.6	32.0	96.2

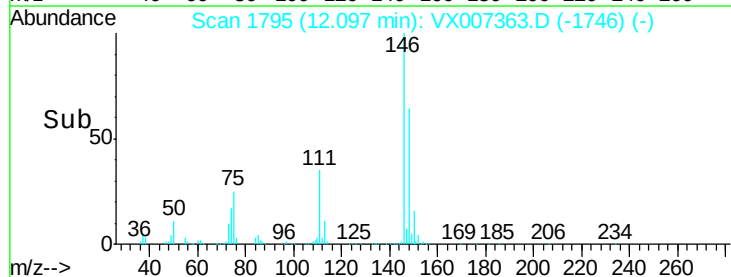
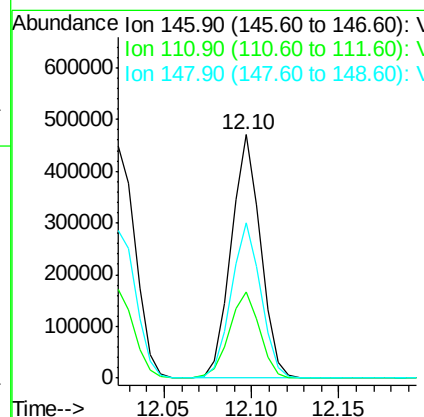
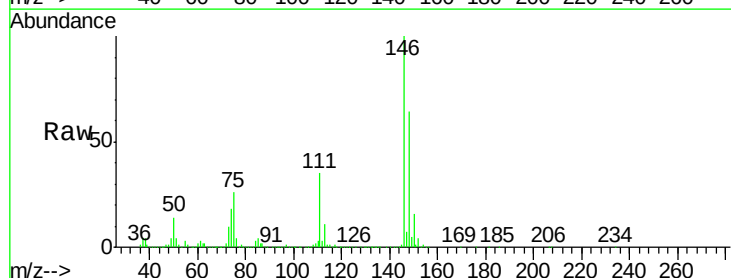
Manual Integrations
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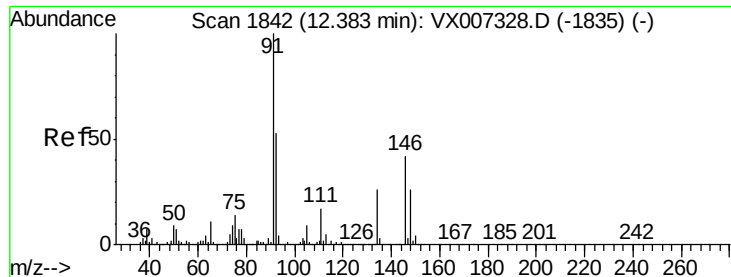
MMDadoda
 2/5/2019 9:52:50 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.021 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	64.4	32.3	96.9





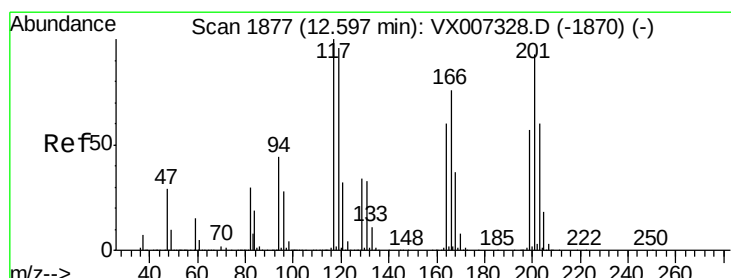
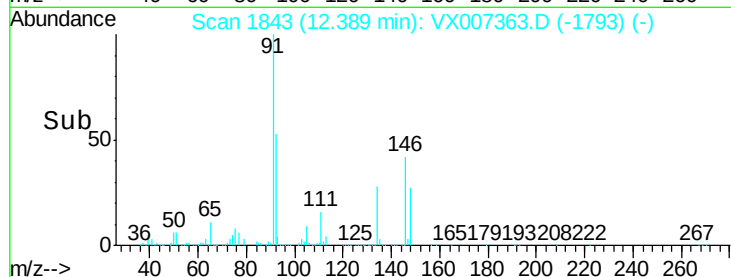
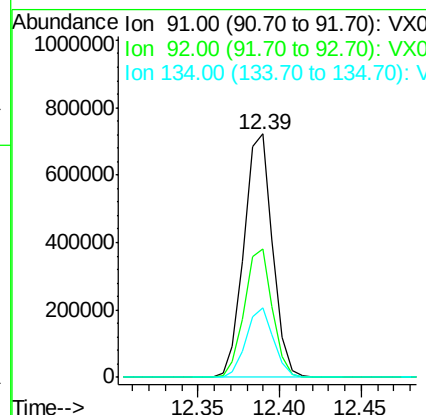
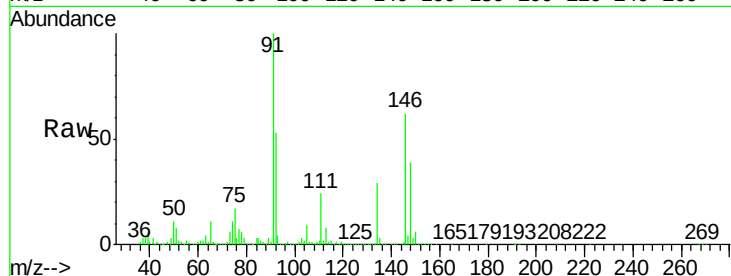
#89
n-Butylbenzene
Concen: 49.697 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.3	78.9
134	27.6	13.9	41.6

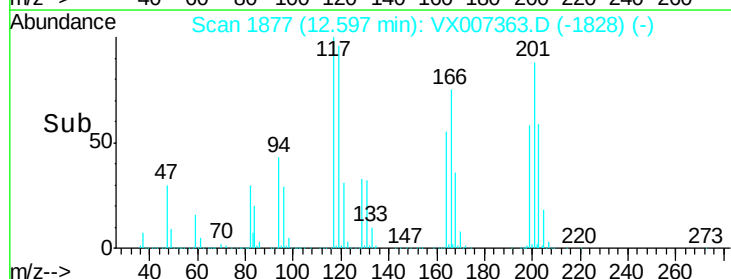
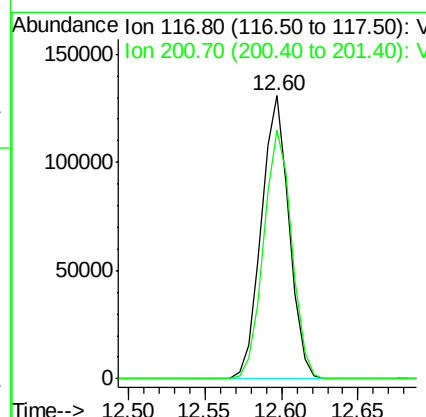
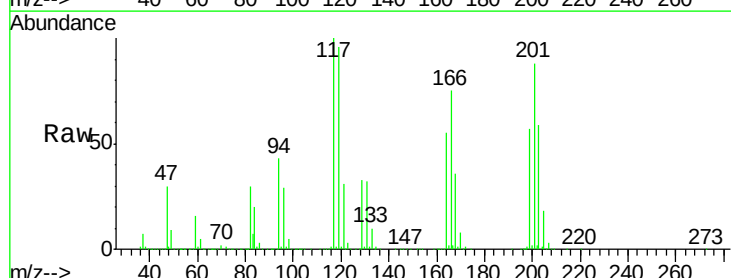
Manual Integrations
APPROVED

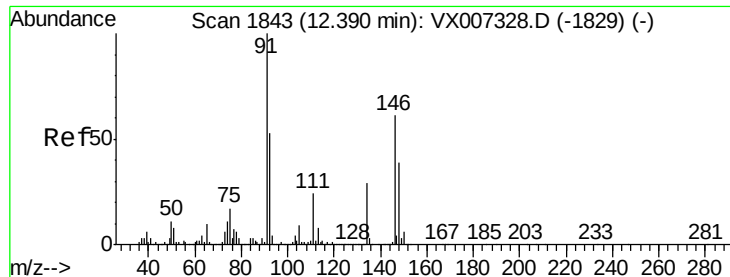
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#90
Hexachloroethane
Concen: 53.836 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007363.D
Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	44.9	134.7





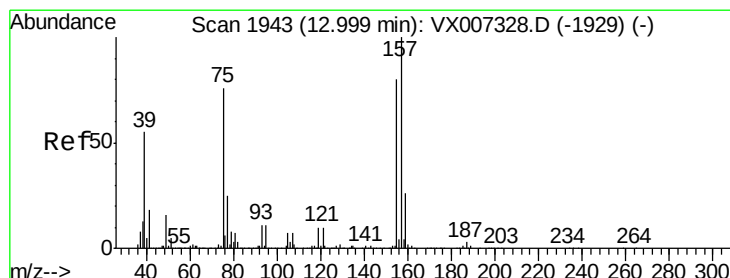
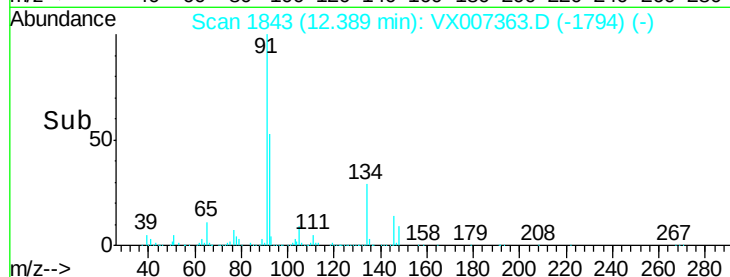
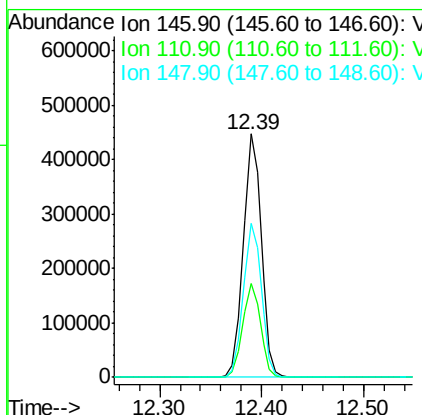
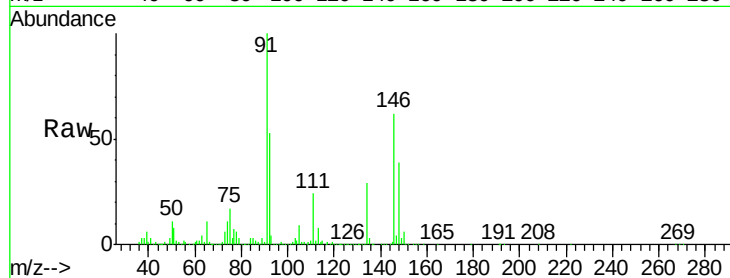
#91
 1,2-Dichlorobenzene
 Concen: 46.570 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.3
148	63.7	32.1	96.3

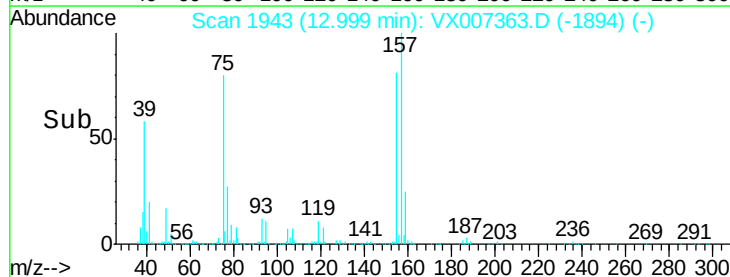
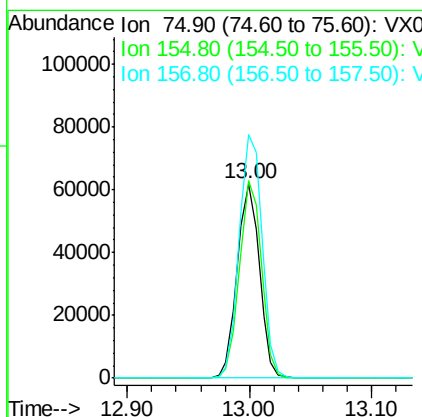
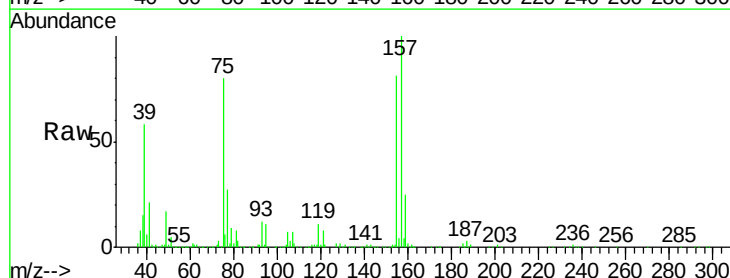
Manual Integrations
 APPROVED

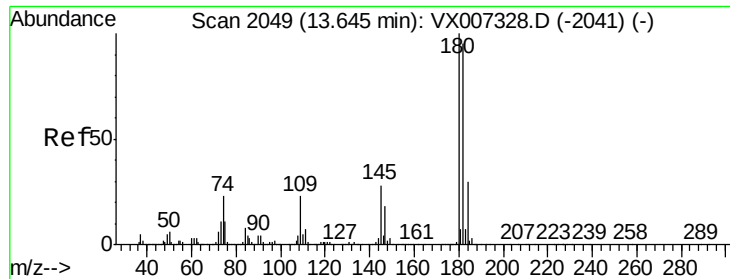
MMDadoda
 2/5/2019 9:52:50 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.877 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.3	49.6	149.0
157	128.8	65.1	195.3





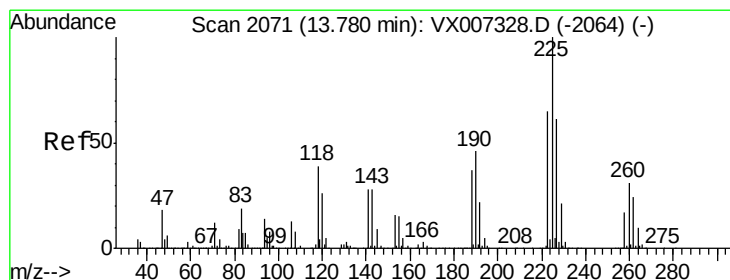
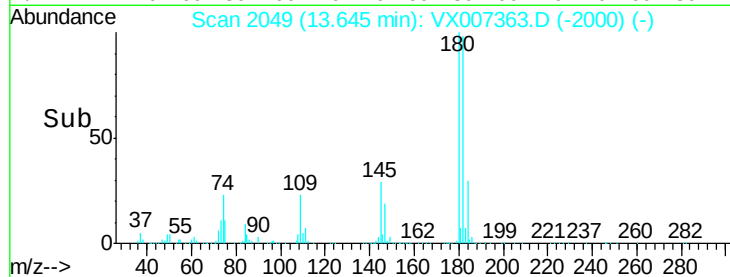
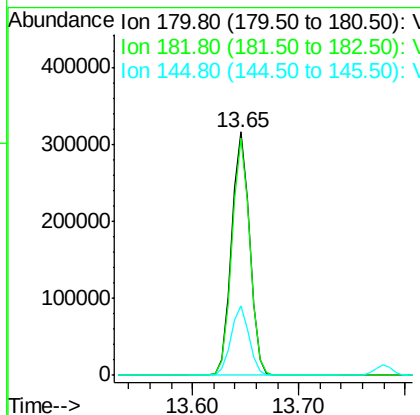
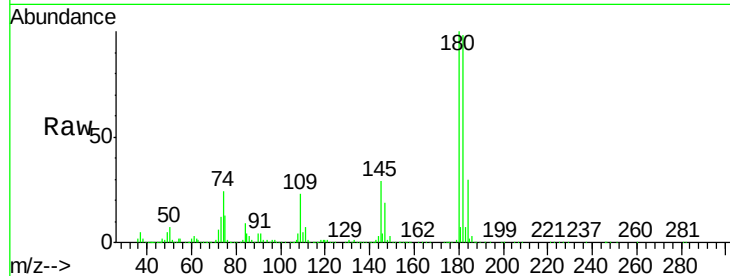
#93
 1,2,4-Trichlorobenzene
 Concen: 47.854 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	377524		
182	96.5	47.8	143.3	
145	28.5	14.1	42.2	

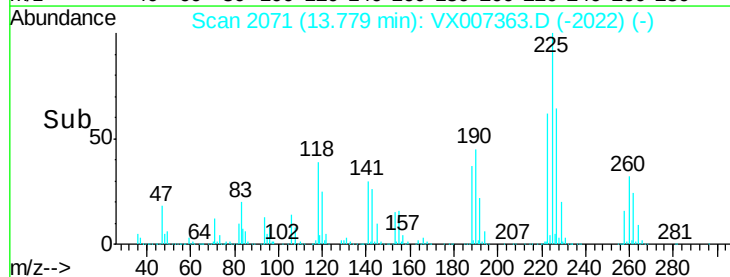
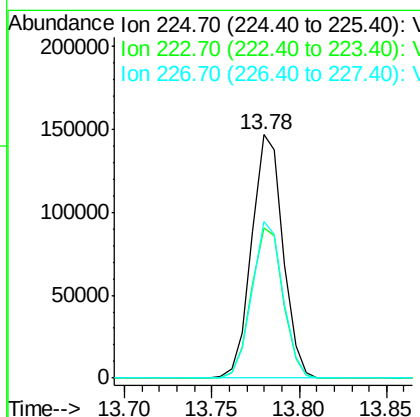
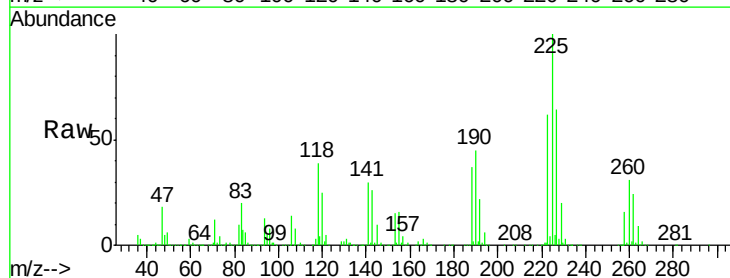
Manual Integrations
 APPROVED

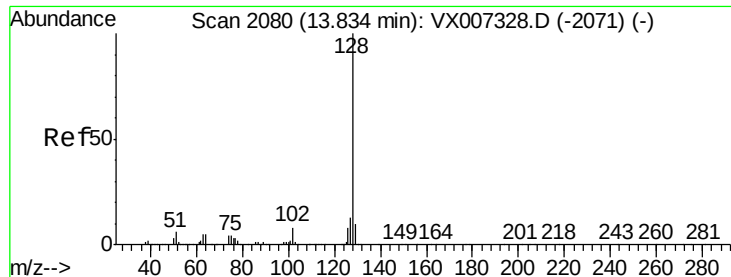
MMDadoda
 2/5/2019 9:52:50 AM



#94
 Hexachlorobutadiene
 Concen: 47.473 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007363.D
 Acq: 04 Feb 2019 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	181859		
223	62.6	31.6	94.8	
227	63.7	32.1	96.3	





#95

Naphthalene

Concen: 50.096 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1155724

Ion Ratio Lower Upper

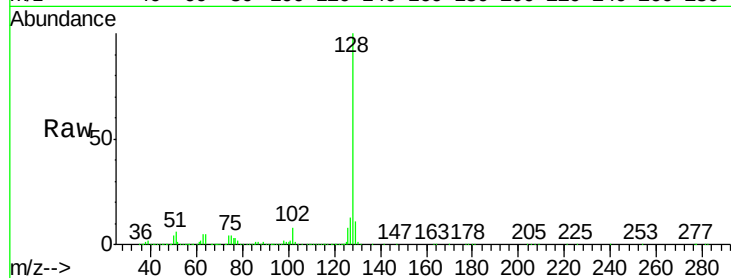
128 100

127 12.9 10.5 15.7

129 10.8 8.7 13.1

Manual Integrations
APPROVED

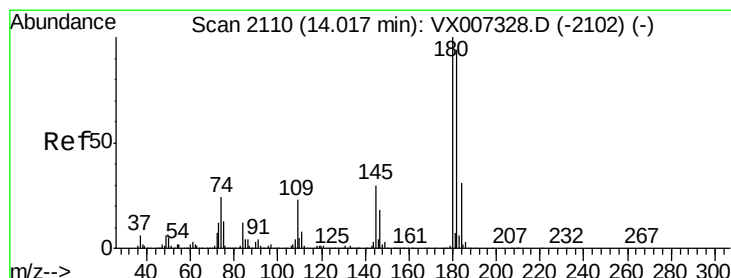
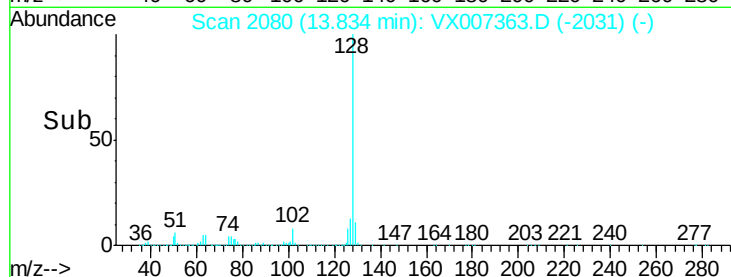
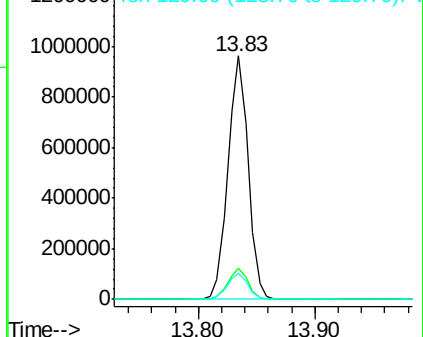
MMDadoda
2/5/2019 9:52:50 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.888 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007363.D

Acq: 04 Feb 2019 16:56

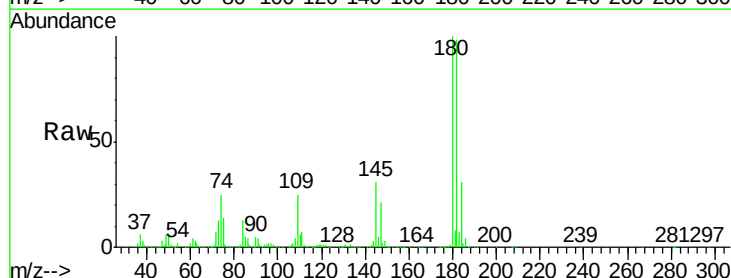
Tgt Ion:180 Resp: 372343

Ion Ratio Lower Upper

180 100

182 97.2 47.5 142.6

145 30.5 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

