

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021619\
 Data File : VX007574.D
 Acq On : 15 Feb 2019 17:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 10:40:48 AM

Quant Time: Feb 16 04:14:31 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	456161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	679135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	622801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	325451	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	240677	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	5.50	113	219184	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	8.71	98	794431	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.13	95	289570	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	232903	41.579	ug/l	98
3) Chloromethane	1.33	50	211471	41.158	ug/l	97
4) Vinyl Chloride	1.41	62	226705	44.976	ug/l	99
5) Bromomethane	1.64	94	212303	42.524	ug/l	97
6) Chloroethane	1.72	64	150545	46.170	ug/l	99
7) Trichlorofluoromethane	1.93	101	364086	46.174	ug/l	99
8) Diethyl Ether	2.19	74	136499	45.993	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	207434	44.226	ug/l	98
10) Methyl Iodide	2.51	142	281834	40.847	ug/l	99
11) Tert butyl alcohol	3.07	59	248321	247.823	ug/l	99
12) 1,1-Dichloroethene	2.37	96	191018	43.858	ug/l	98
13) Acrolein	2.30	56	115606	246.039	ug/l	98
14) Allyl chloride	2.73	41	339270	47.807	ug/l	98
15) Acrylonitrile	3.15	53	612226	246.988	ug/l	99
16) Acetone	2.45	43	581693	262.273	ug/l	98
17) Carbon Disulfide	2.57	76	448252	39.810	ug/l	100
18) Methyl Acetate	2.78	43	341915	59.059	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	678483	48.084	ug/l	99
20) Methylene Chloride	2.86	84	219468	48.433	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	201338	43.395	ug/l	98
22) Diisopropyl ether	3.87	45	644997	49.411	ug/l	96
23) Vinyl Acetate	3.82	43	2694300	248.728	ug/l	100
24) 1,1-Dichloroethane	3.70	63	354987	47.354	ug/l	99
25) 2-Butanone	4.70	43	818100	259.194	ug/l	99
26) 2,2-Dichloropropane	4.59	77	273033	47.825	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	233944	46.165	ug/l	99
28) Bromochloromethane	5.02	49	172960	50.172	ug/l	97
29) Tetrahydrofuran	5.15	42	520946	262.426	ug/l	100
30) Chloroform	5.21	83	375858	48.049	ug/l	97
31) Cyclohexane	5.57	56	296318	44.011	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	325981	49.369	ug/l	99
36) 1,1-Dichloropropene	5.80	75	262401	43.063	ug/l	99
37) Ethyl Acetate	4.86	43	299263	48.584	ug/l	99
38) Carbon Tetrachloride	5.78	117	284349	48.100	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	318434	43.192	ug/l	97
40) Benzene	6.15	78	828453	46.155	ug/l	100
41) Methacrylonitrile	5.06	41	170326	51.593	ug/l	98
42) 1,2-Dichloroethane	6.20	62	282306	45.457	ug/l	99
43) Isopropyl Acetate	6.46	43	484184	50.926	ug/l	100
44) Trichloroethene	7.21	130	241243	44.625	ug/l	98
45) 1,2-Dichloropropane	7.52	63	215429	47.902	ug/l	99
46) Dibromomethane	7.66	93	148642	45.475	ug/l	100
47) Bromodichloromethane	7.90	83	277388	50.073	ug/l	99
48) Methyl methacrylate	7.77	41	249027	52.364	ug/l	99
49) 1,4-Dioxane	7.75	88	104461	966.097	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1598214	255.350	ug/l	99
52) Toluene	8.79	92	533855	46.098	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	301489	50.667	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	333261	50.929	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	231184	47.890	ug/l	96
56) Ethyl methacrylate	9.18	69	340907	50.988	ug/l	99
57) 1,3-Dichloropropane	9.37	76	366920	47.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	884501	250.989	ug/l	100
59) 2-Hexanone	9.49	43	1217397	249.954	ug/l	100
60) Dibromochloromethane	9.59	129	244873	53.635	ug/l	99
61) 1,2-Dibromoethane	9.67	107	242287	47.393	ug/l	99
64) Tetrachloroethene	9.34	164	238516	40.633	ug/l	95
65) Chlorobenzene	10.14	112	619727	45.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	230057	50.489	ug/l	99
67) Ethyl Benzene	10.25	91	1017114	46.473	ug/l	100
68) m/p-Xylenes	10.36	106	798621	91.795	ug/l	99
69) o-Xylene	10.70	106	392854	46.927	ug/l	99
70) Styrene	10.71	104	649770	47.859	ug/l	99
71) Bromoform	10.86	173	181275	45.733	ug/l	99
73) Isopropylbenzene	11.02	105	1051018	47.523	ug/l	99
74) N-amyl acetate	10.90	43	433107	50.630	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	337880	50.130	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	322265m	50.907	ug/l	
77) Bromobenzene	11.26	156	285088	45.751	ug/l	98
78) n-propylbenzene	11.36	91	1174012	48.409	ug/l	99
79) 2-Chlorotoluene	11.42	91	686981	46.684	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	867021	47.918	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	98763	48.373	ug/l	96
82) 4-Chlorotoluene	11.51	91	810614	47.607	ug/l	99
83) tert-Butylbenzene	11.77	119	874650	48.825	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	885922	48.228	ug/l	99
85) sec-Butylbenzene	11.94	105	1049069	48.386	ug/l	100
86) p-Isopropyltoluene	12.07	119	942103	48.136	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	502239	44.910	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	505560	44.559	ug/l	99
89) n-Butylbenzene	12.39	91	803022	47.695	ug/l	100
90) Hexachloroethane	12.60	117	155098	52.950	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	503170	45.211	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72129	51.466	ug/l	100

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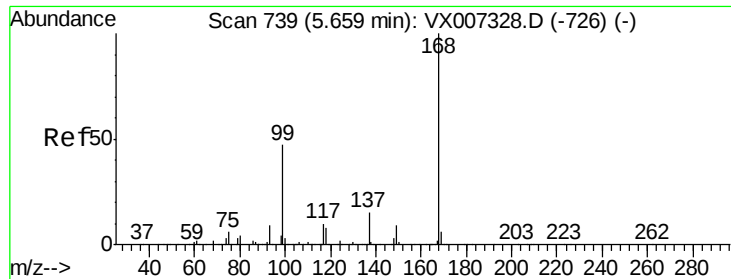
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	342014	45.568	ug/l	99
94) Hexachlorobutadiene	13.78	225	162832	44.679	ug/l	99
95) Naphthalene	13.83	128	1072588	48.868	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	348021	46.065	ug/l	100

(#) = 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: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 456161

Ion Ratio Lower Upper

168 100

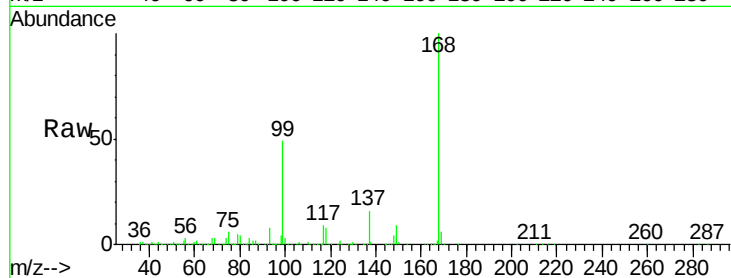
99 49.0 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

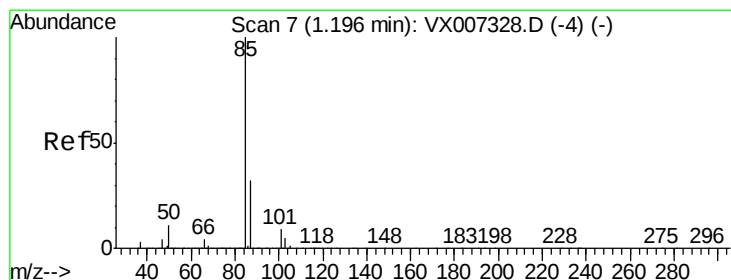
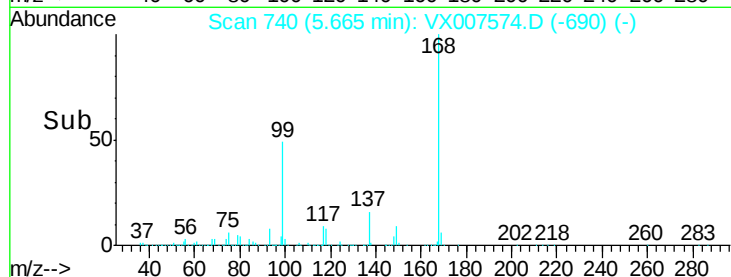
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.579 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007574.D

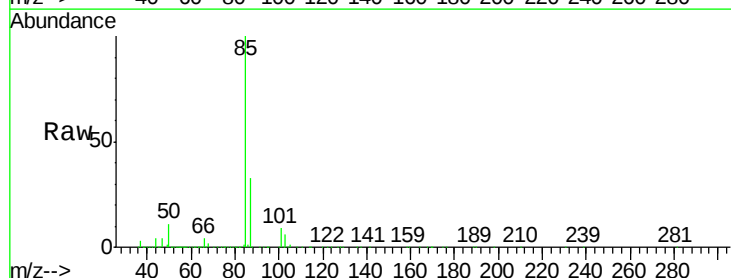
Acq: 15 Feb 2019 17:58

Tgt Ion: 85 Resp: 232903

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

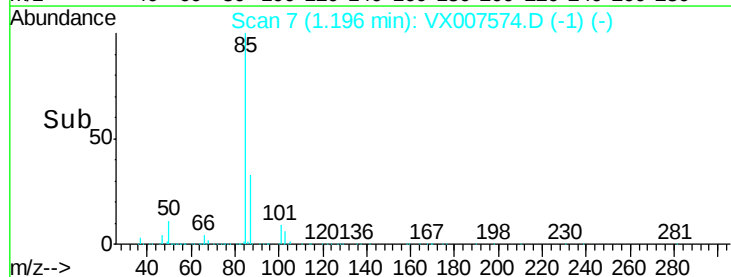
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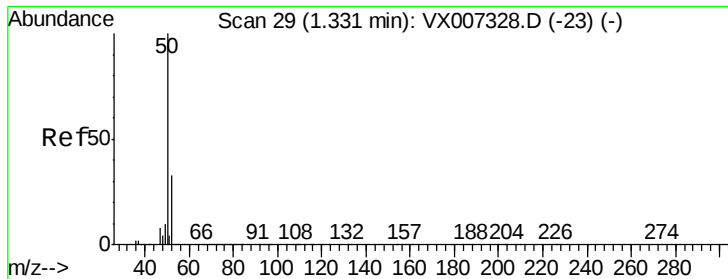
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 41.158 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 211471

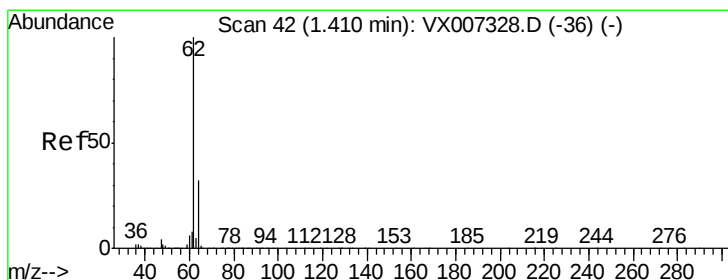
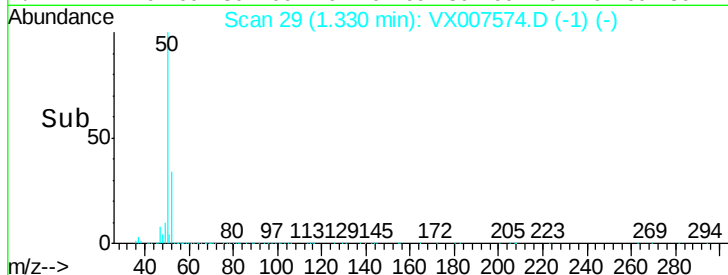
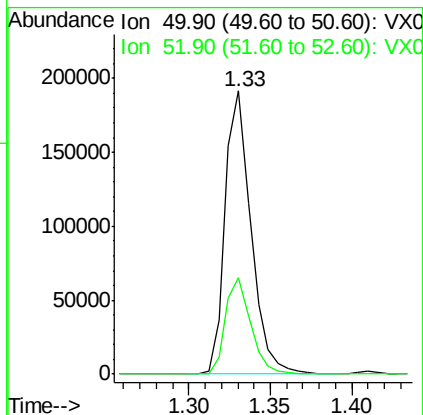
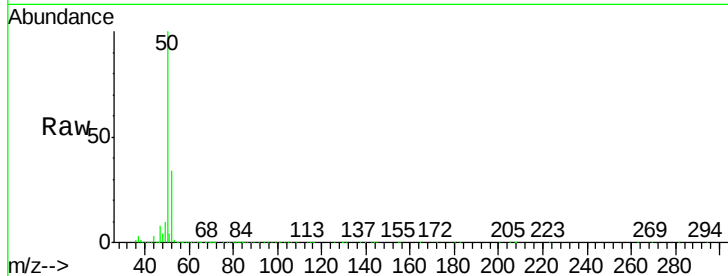
Ion Ratio Lower Upper

50 100

52 34.0 26.1 39.1

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#4

Vinyl Chloride

Concen: 44.976 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007574.D

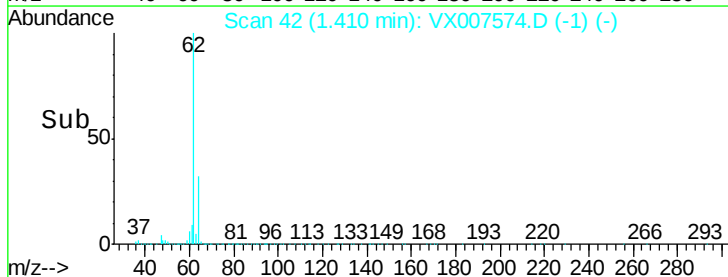
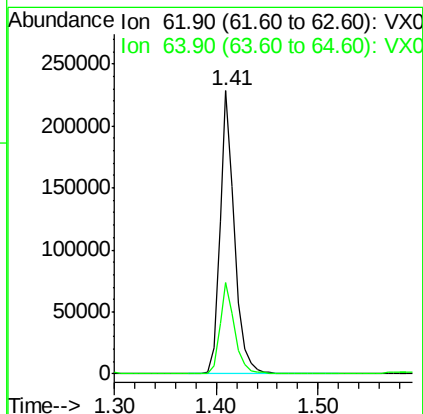
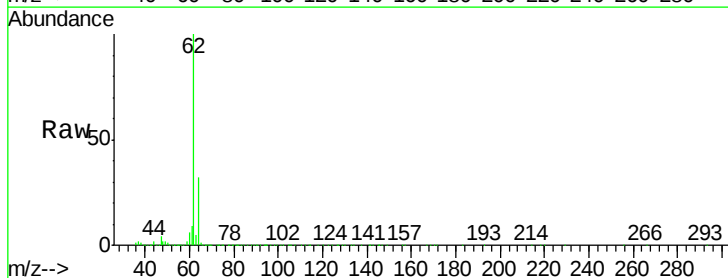
Acq: 15 Feb 2019 17:58

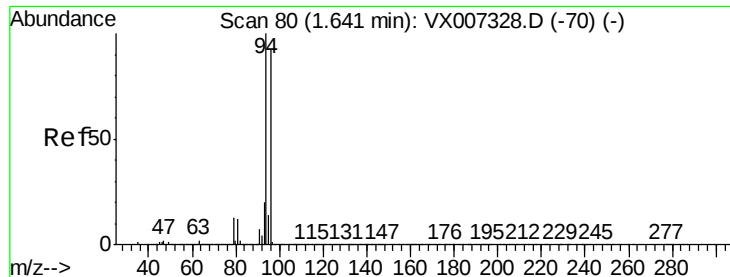
Tgt Ion: 62 Resp: 226705

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 42.524 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 212303

Ion Ratio Lower Upper

94 100

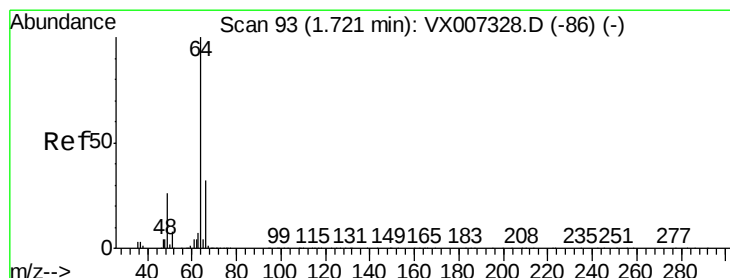
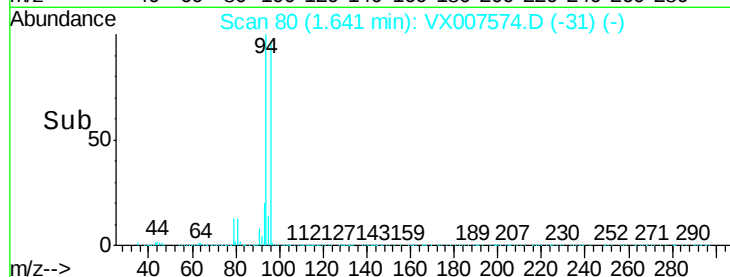
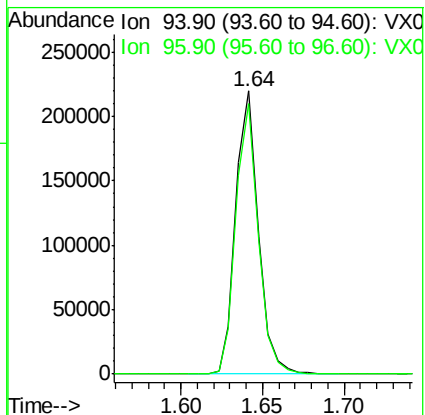
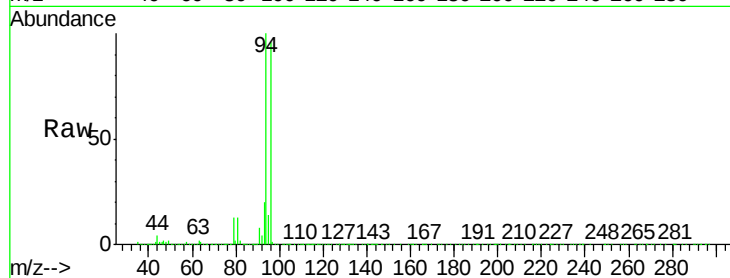
96 95.5 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 46.170 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007574.D

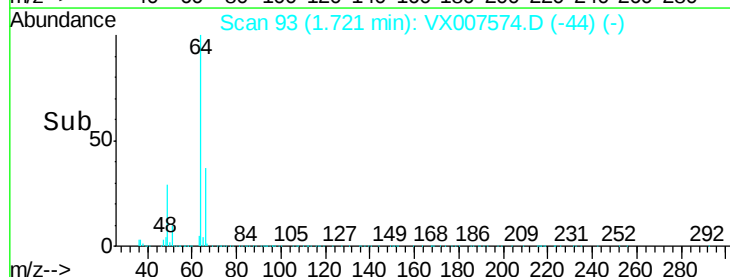
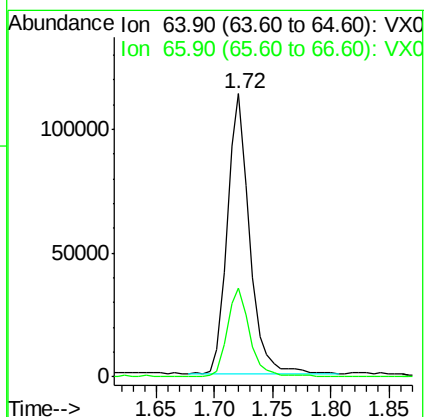
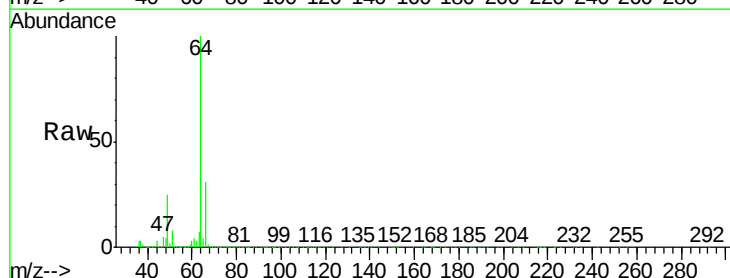
Acq: 15 Feb 2019 17:58

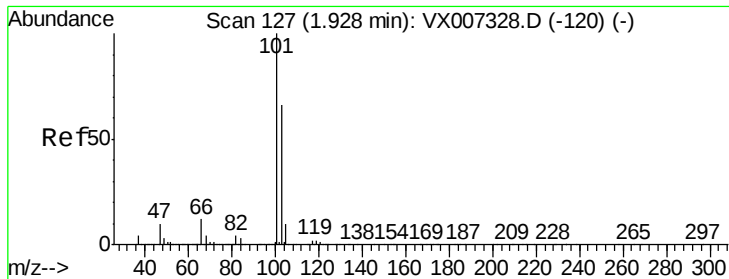
Tgt Ion: 64 Resp: 150545

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3





#7

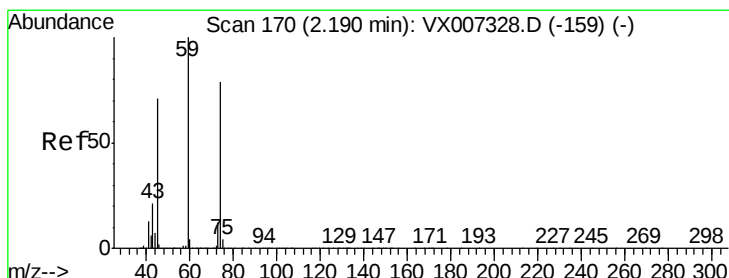
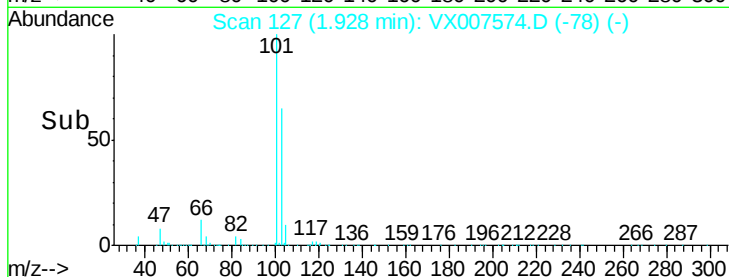
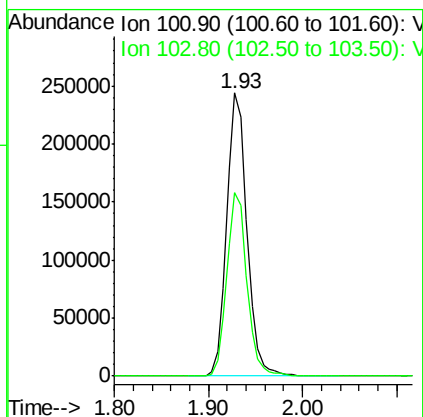
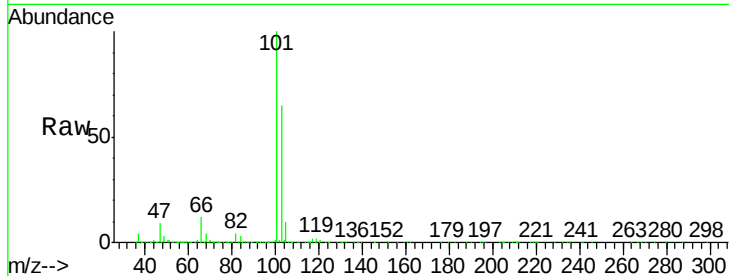
Trichlorofluoromethane
Concen: 46.174 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.6	79.0

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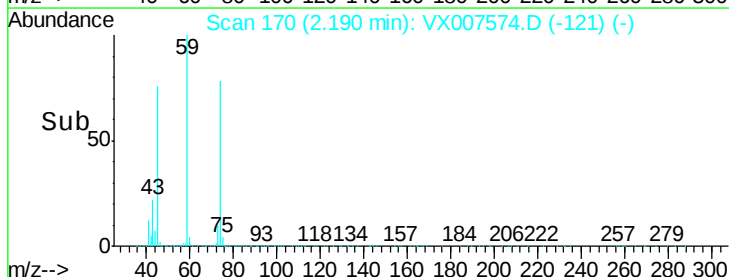
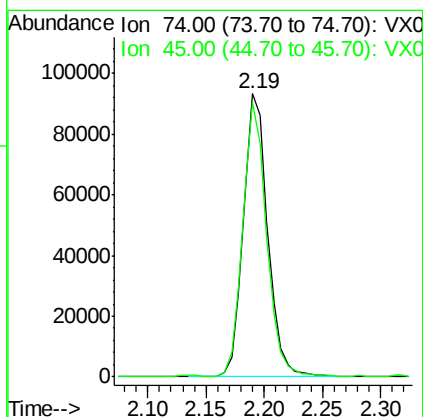
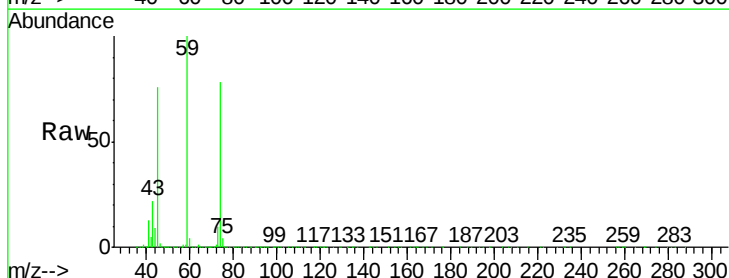
MMDadoda
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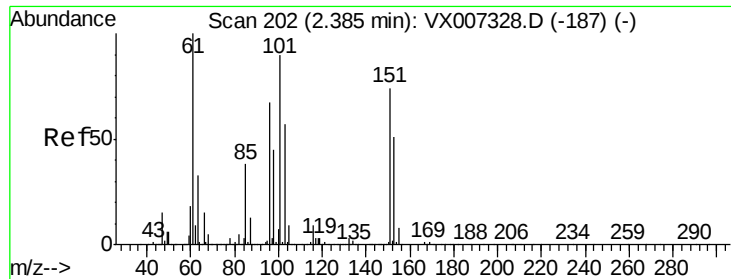


#8

Diethyl Ether
Concen: 45.993 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.226 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

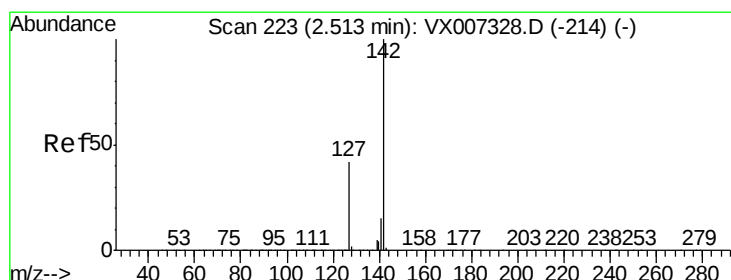
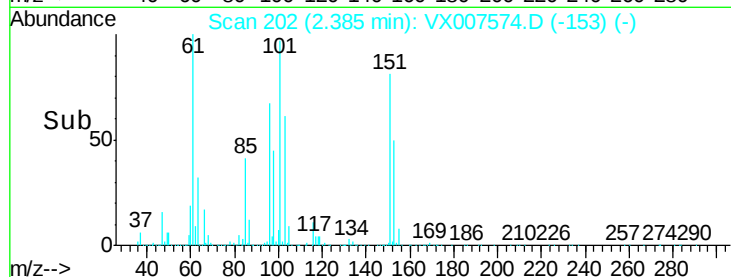
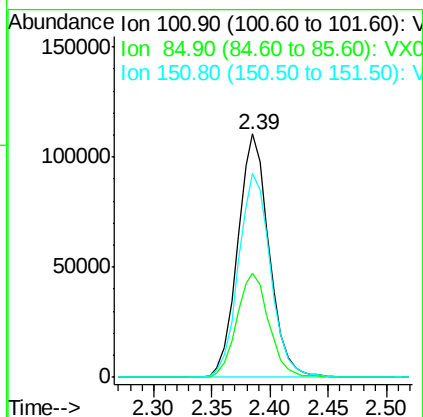
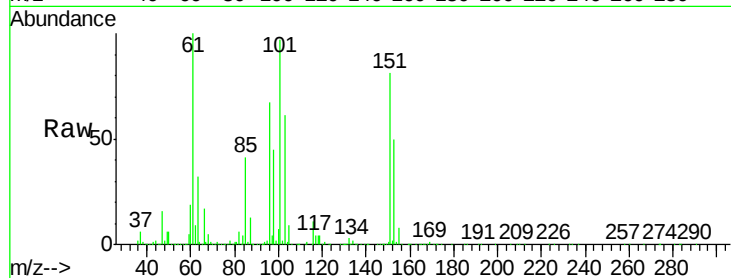
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	207434
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.1	51.1
151	85.6	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 40.847 ug/l

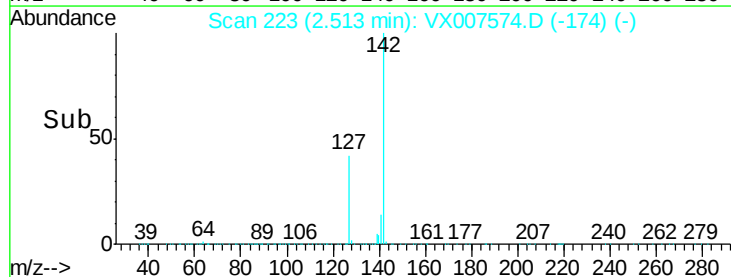
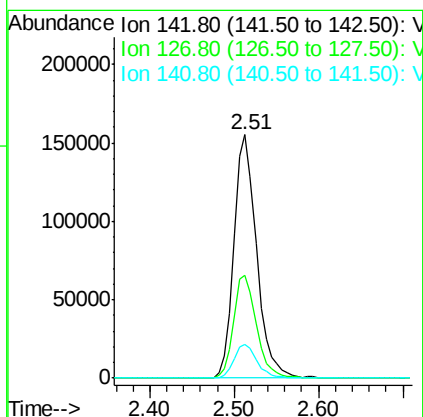
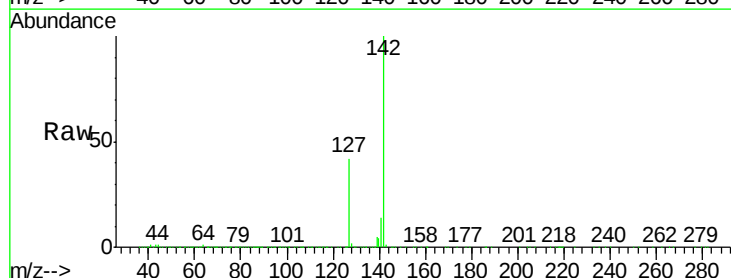
RT: 2.51 min Scan# 223

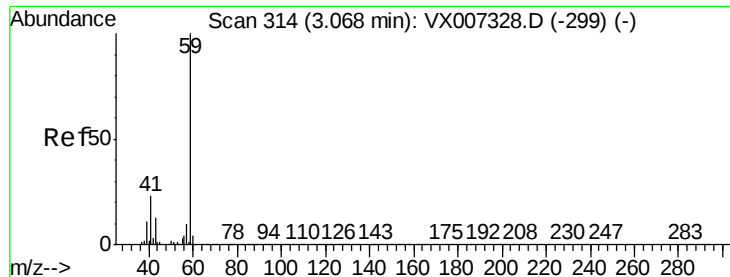
Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion:	142	Resp:	281834
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.7	50.5
141	14.1	11.3	16.9





#11

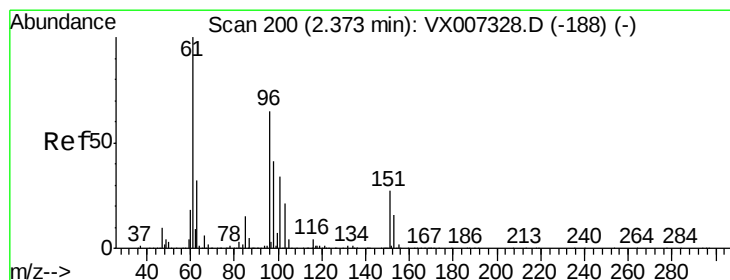
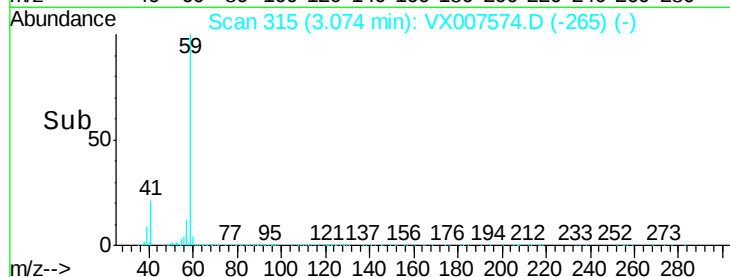
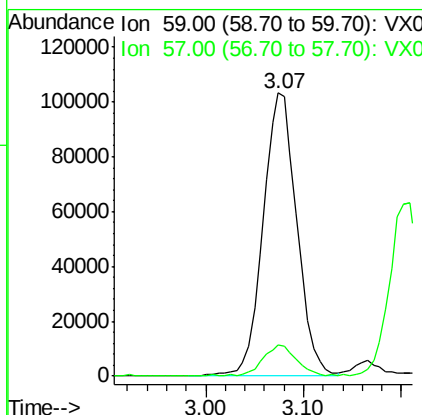
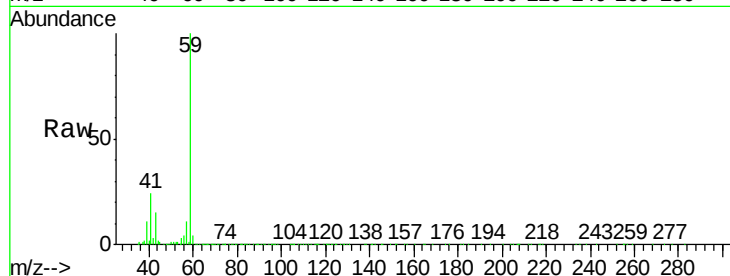
Tert butyl alcohol
Concen: 247.823 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

Manual Integrations
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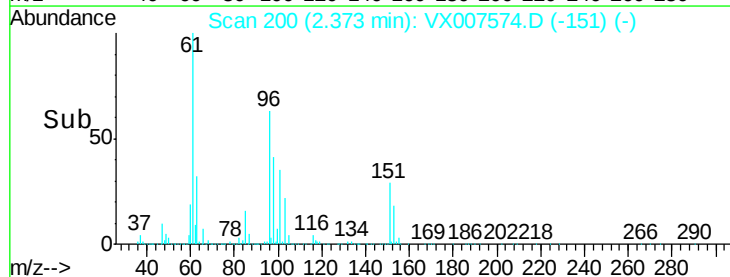
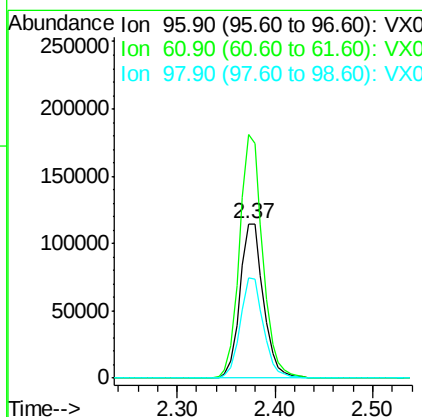
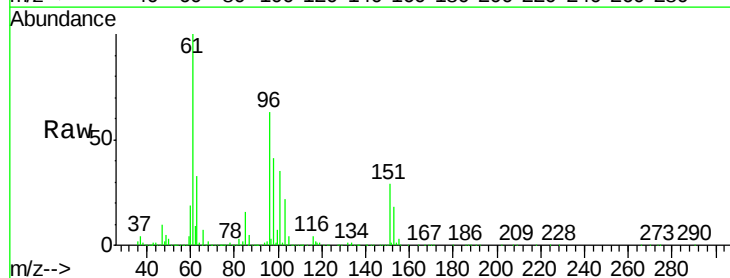
MMDadoda
2/18/2019 10:40:48 AM

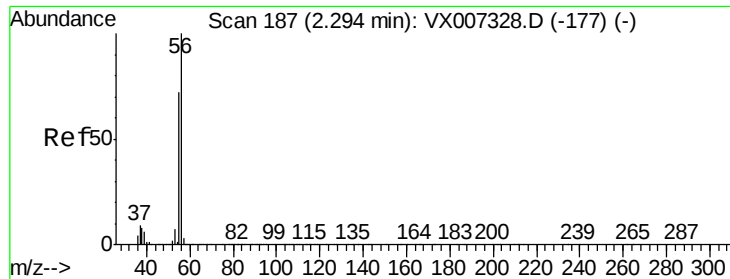


#12

1,1-Dichloroethene
Concen: 43.858 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.6	123.0	184.4
98	64.5	50.9	76.3





#13

Acrolein

Concen: 246.039 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 115606

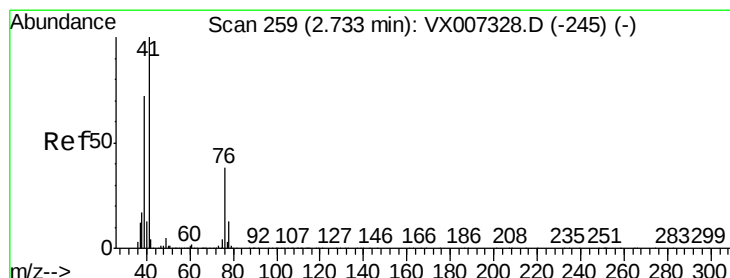
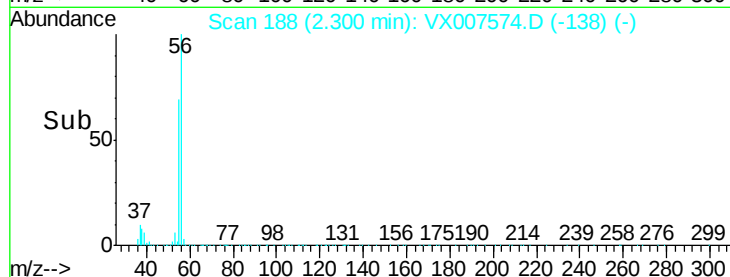
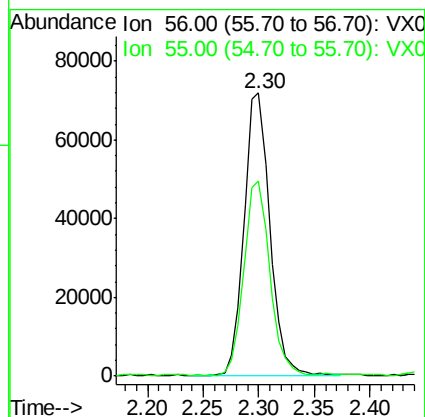
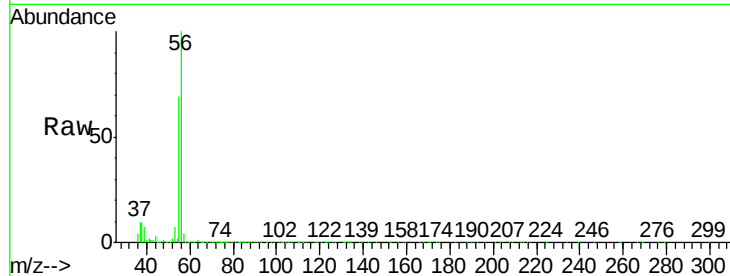
Ion Ratio Lower Upper

56 100

55 69.6 56.9 85.3

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#14

Allyl chloride

Concen: 47.807 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

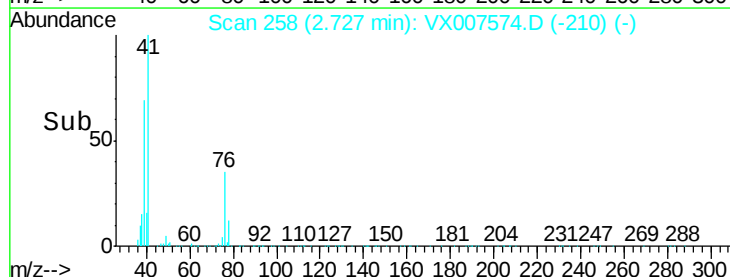
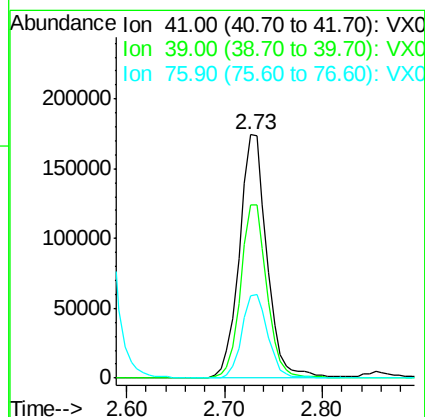
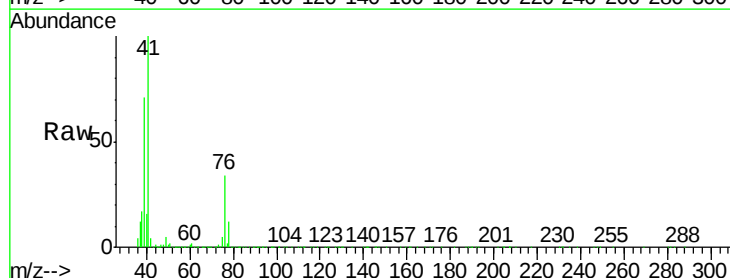
Tgt Ion: 41 Resp: 339270

Ion Ratio Lower Upper

41 100

39 67.8 54.1 81.1

76 32.5 27.8 41.8





#15

Acrylonitrile

Concen: 246.988 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

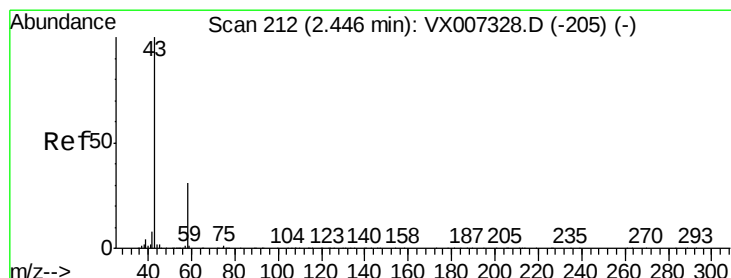
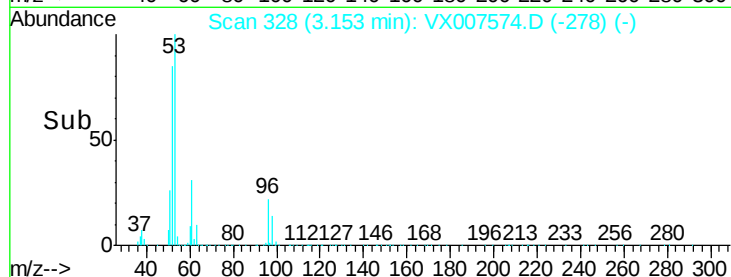
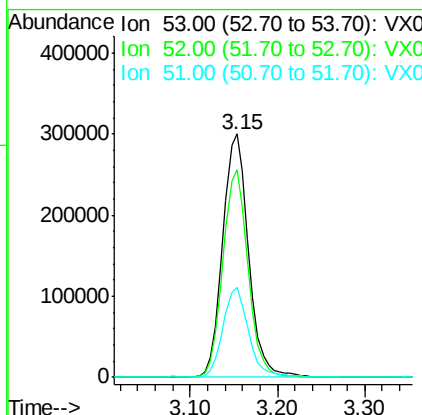
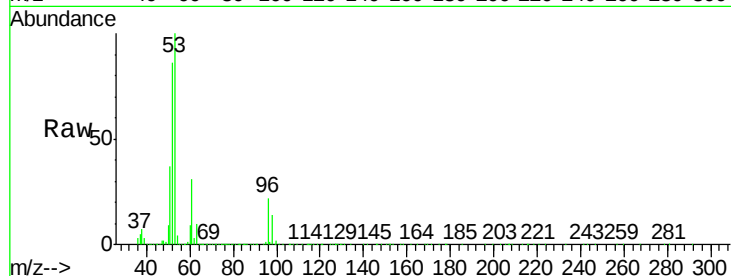
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	612226
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.4	99.6
51	36.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 262.273 ug/l

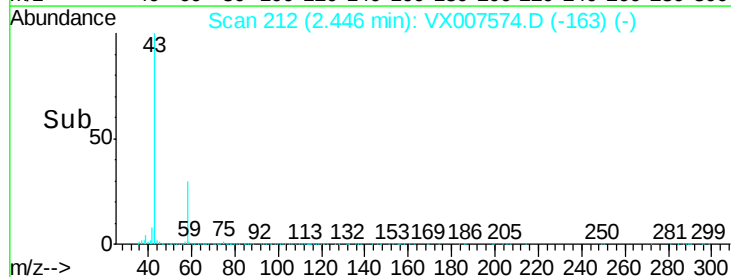
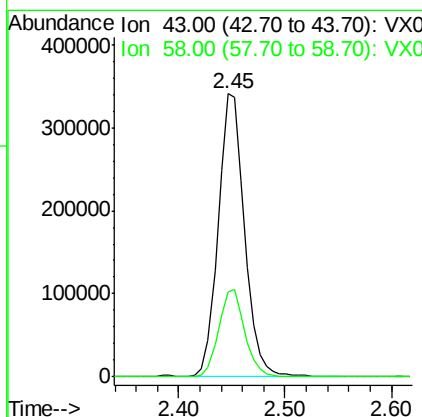
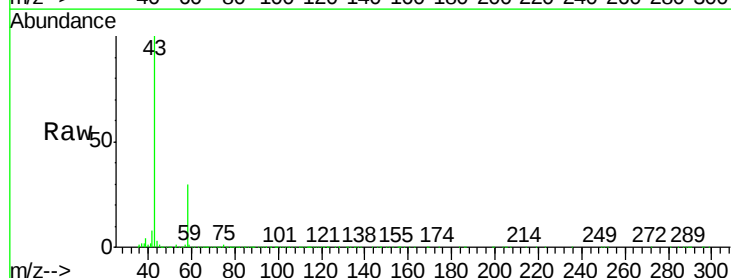
RT: 2.45 min Scan# 212

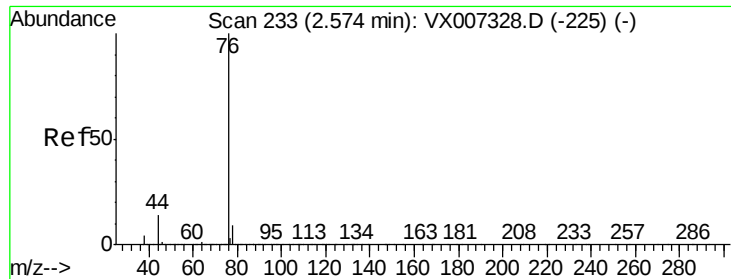
Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion:	43	Resp:	581693
Ion Ratio		Lower	Upper
43	100		
58	30.1	24.9	37.3





#17

Carbon Disulfide

Concen: 39.810 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 448252

Ion Ratio Lower Upper

76 100

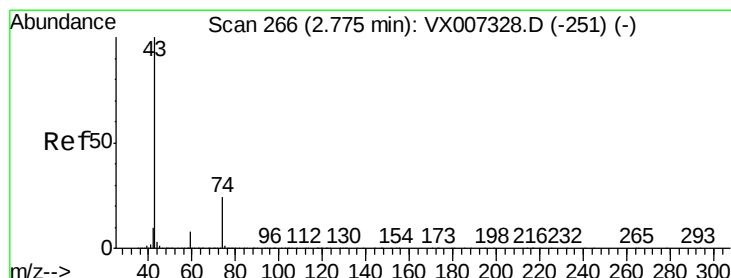
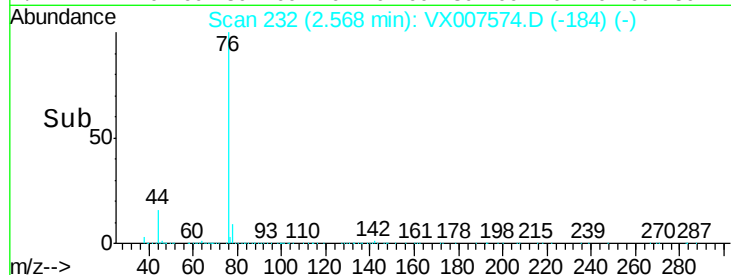
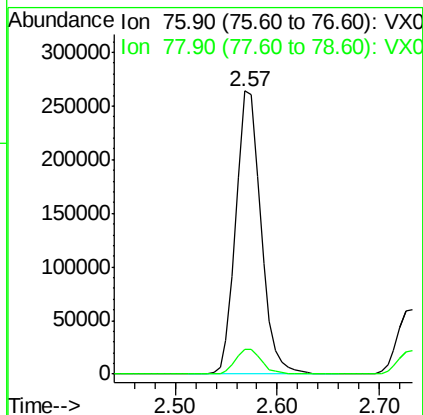
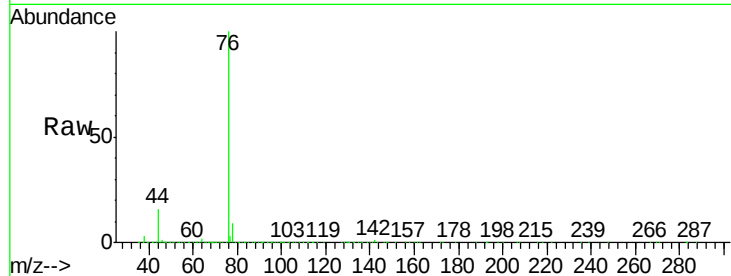
78 8.8 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 59.059 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007574.D

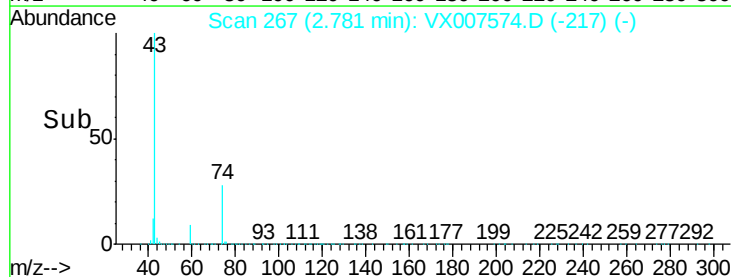
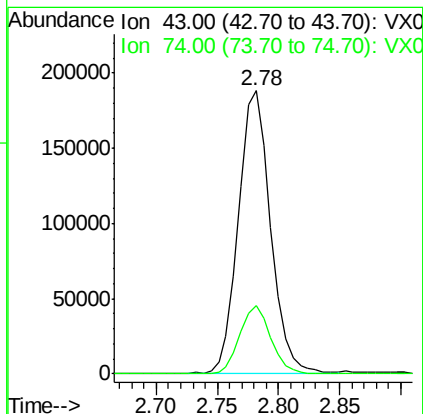
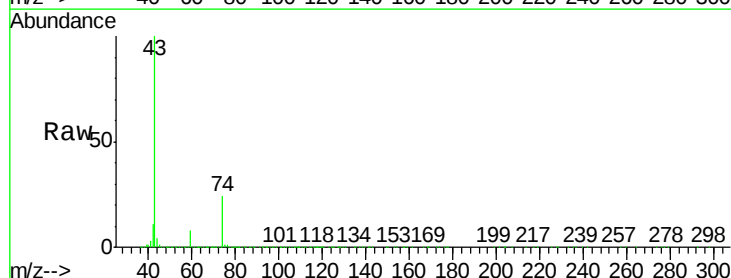
Acq: 15 Feb 2019 17:58

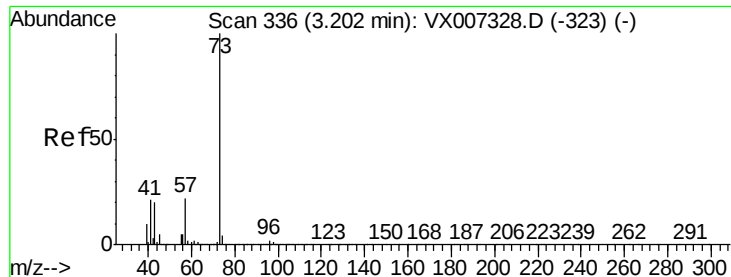
Tgt Ion: 43 Resp: 341915

Ion Ratio Lower Upper

43 100

74 23.8 19.4 29.2





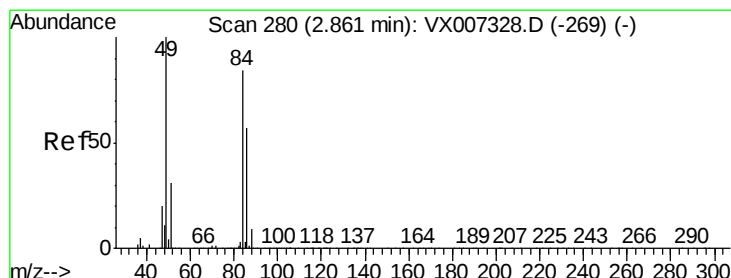
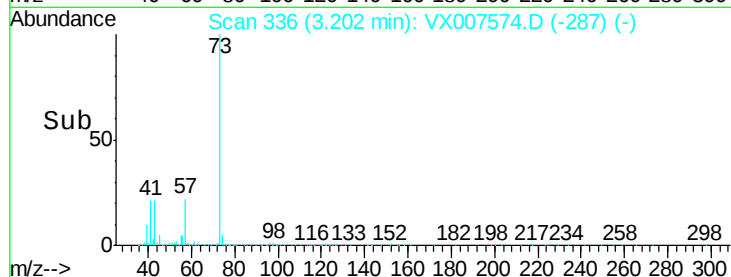
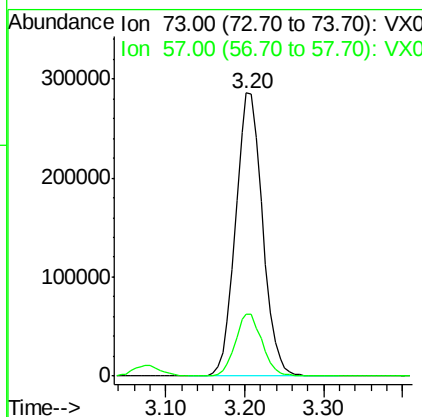
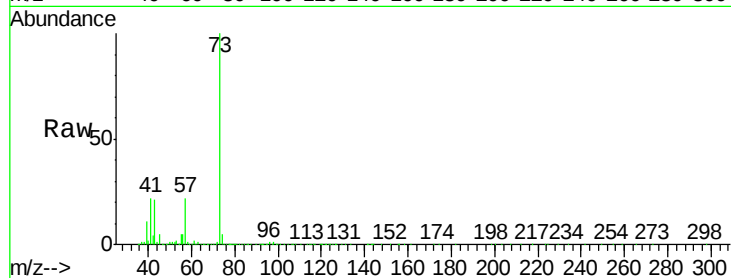
#19
Methvl tert-butvl Ether
Concen: 48.084 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.8

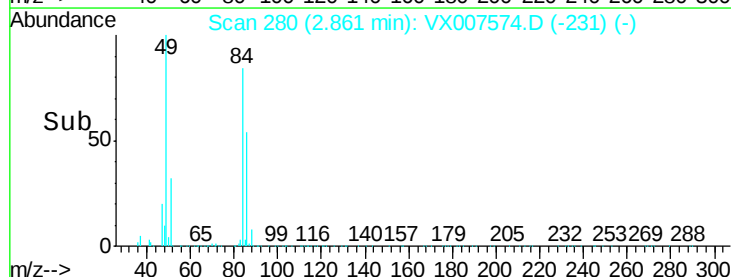
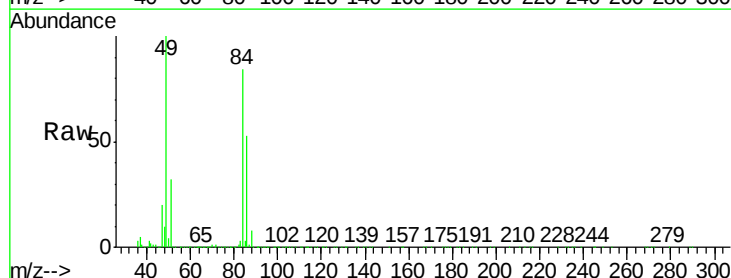
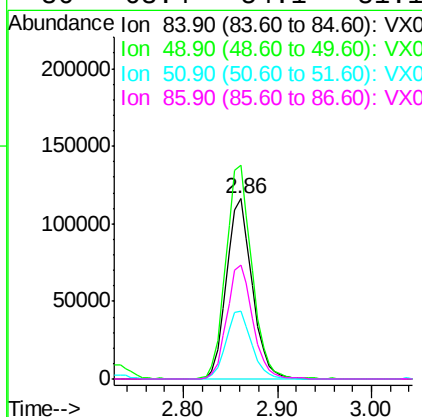
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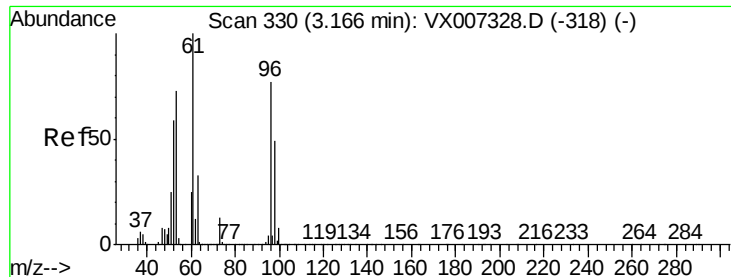
MMDadoda
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#20
Methylene Chloride
Concen: 48.433 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.4	94.8	142.2
51	37.6	29.8	44.8
86	63.4	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 43.395 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

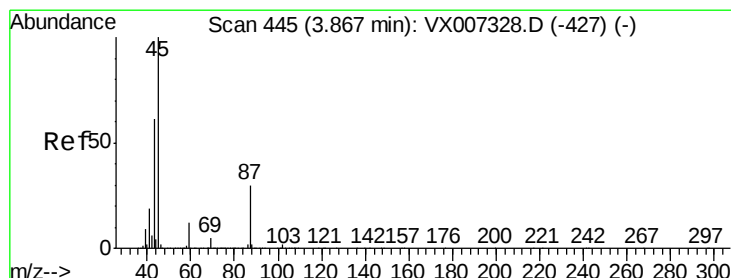
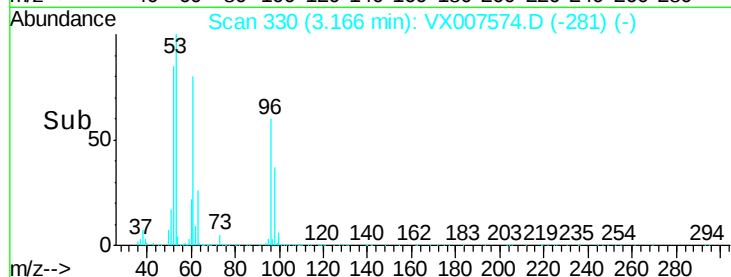
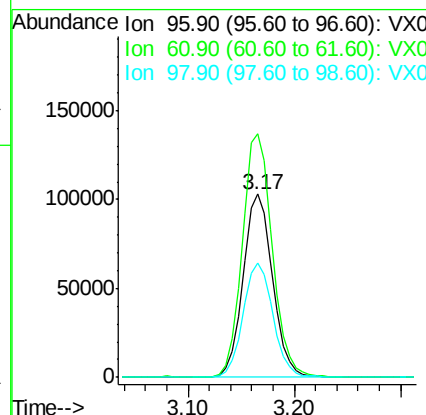
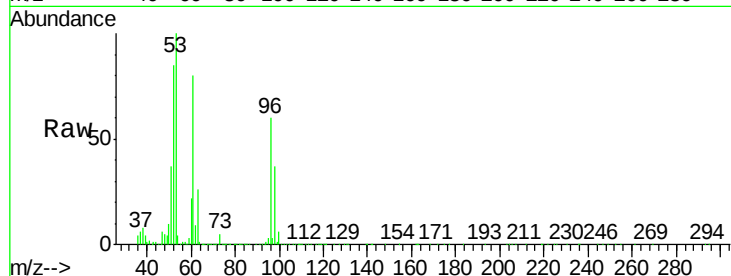
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	201338
Ion Ratio	Lower	Upper	
96	100		
61	132.8	104.6	156.8
98	62.2	51.0	76.4

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#22

Diisopropyl ether

Concen: 49.411 ug/l

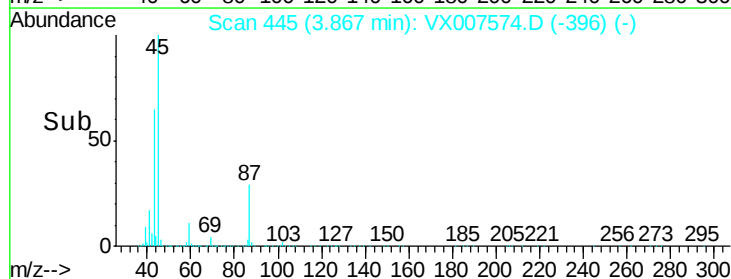
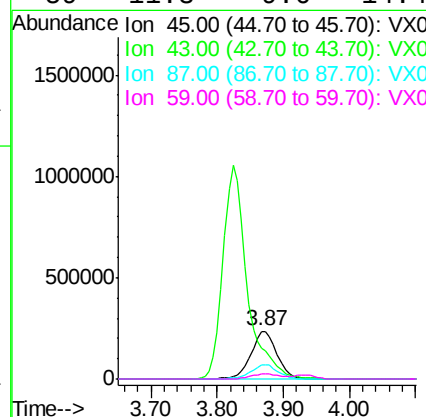
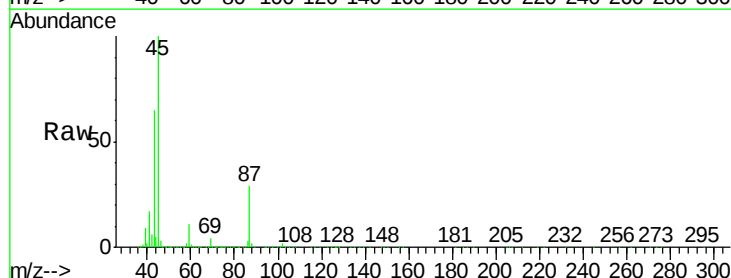
RT: 3.87 min Scan# 445

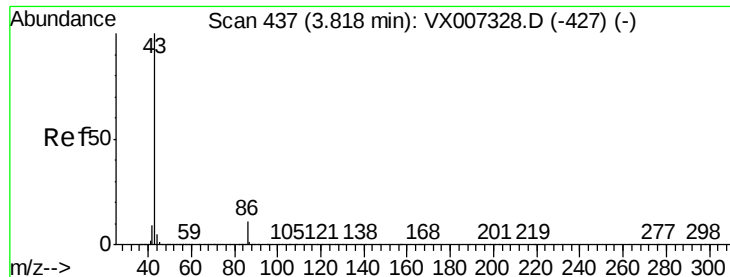
Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion:	45	Resp:	644997
Ion Ratio	Lower	Upper	
45	100		
43	65.0	48.9	73.3
87	28.9	23.9	35.9
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 248.728 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2694300

Ion Ratio Lower Upper

43 100

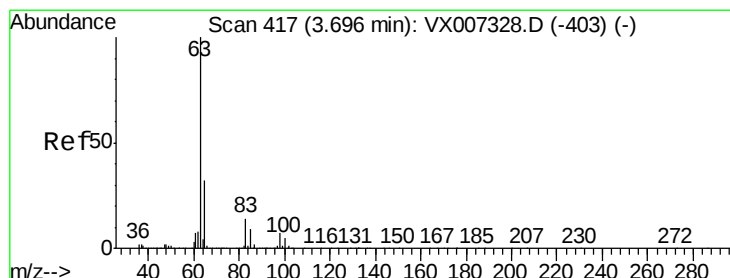
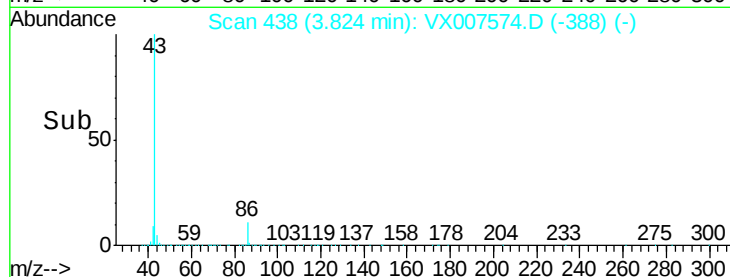
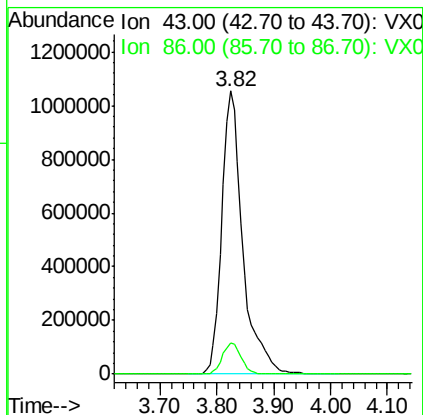
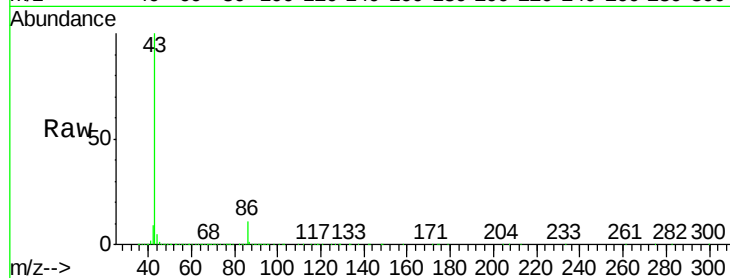
86 10.9 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 47.354 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

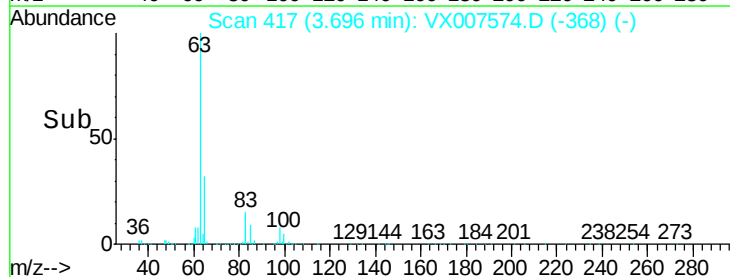
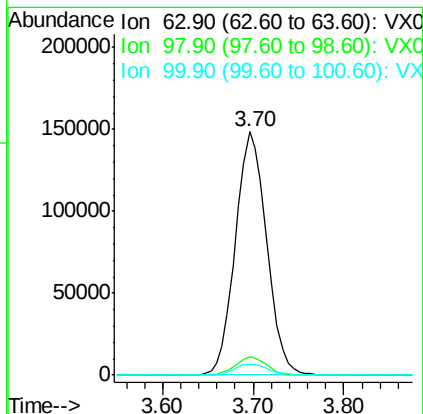
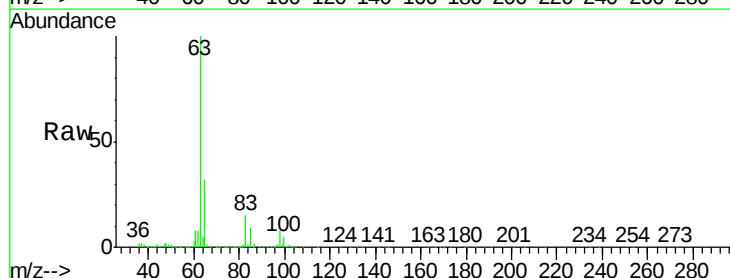
Tgt Ion: 63 Resp: 354987

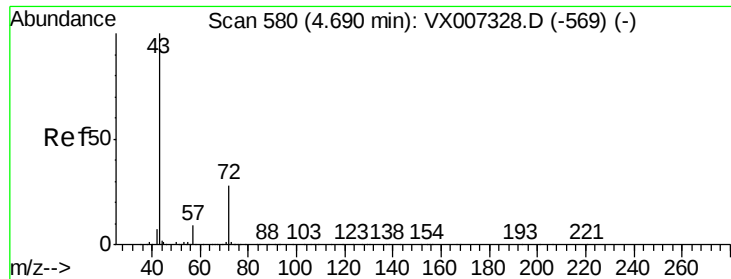
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 259.194 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007574.D

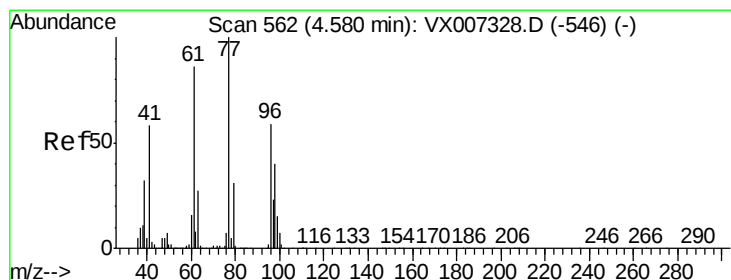
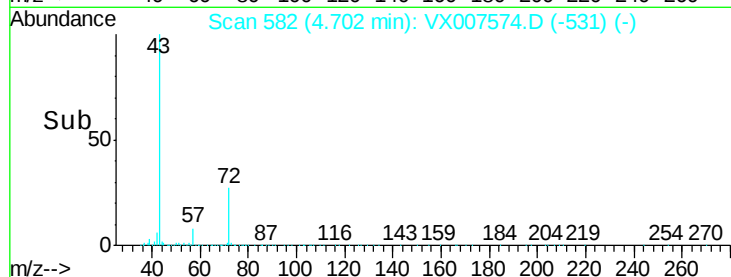
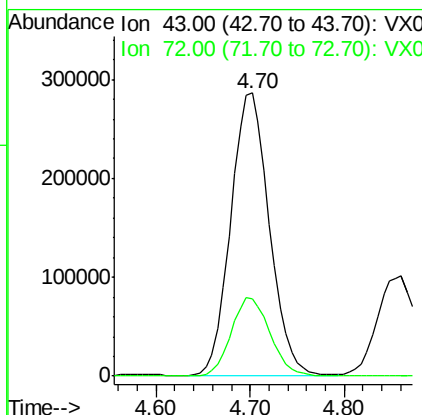
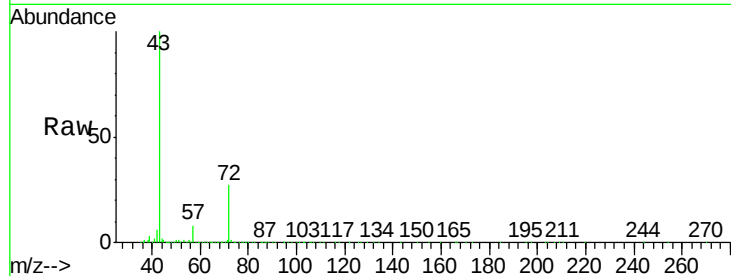
Acq: 15 Feb 2019 17:58

Tot Ion	Ratio	Lower	Upper
43	100		
72	27.3	22.2	33.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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MMDadoda
2/18/2019 10:40:48 AM



#26

2,2-Dichloropropane

Concen: 47.825 ug/l

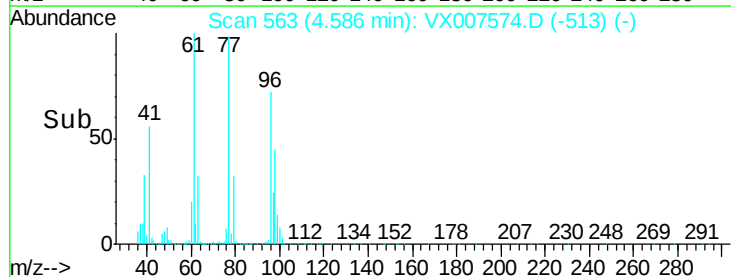
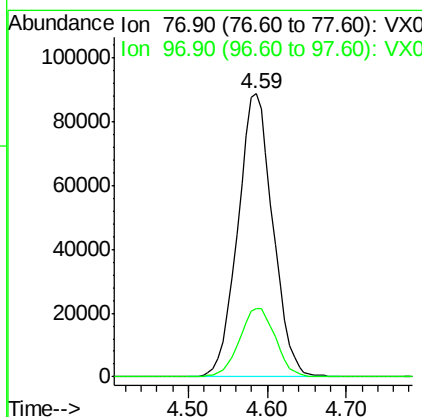
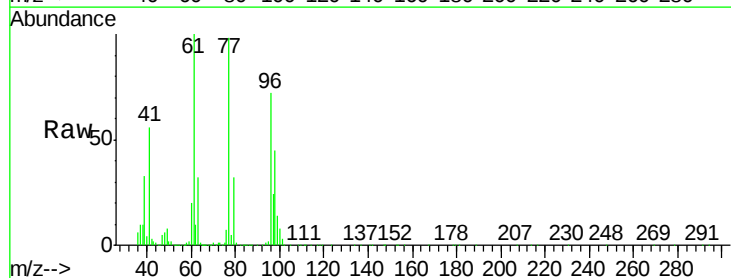
RT: 4.59 min Scan# 563

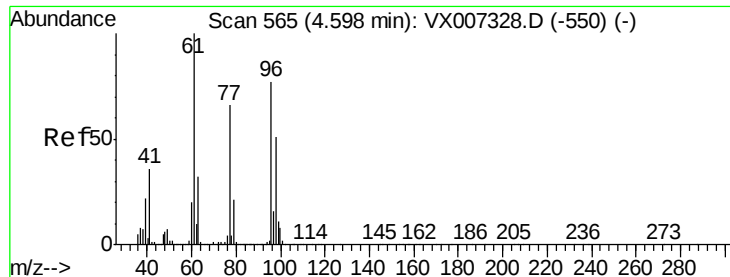
Delta R.T. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
77	100		
97	25.1	12.1	36.3





#27

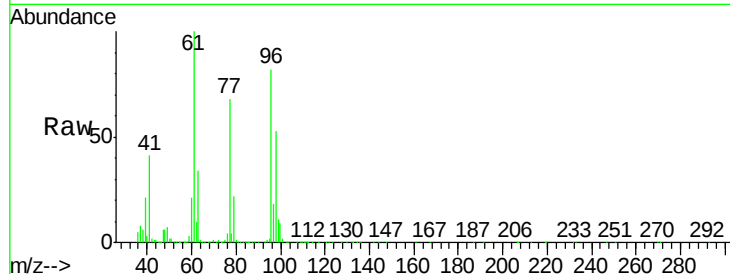
cis-1,2-Dichloroethene
Concen: 46.165 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

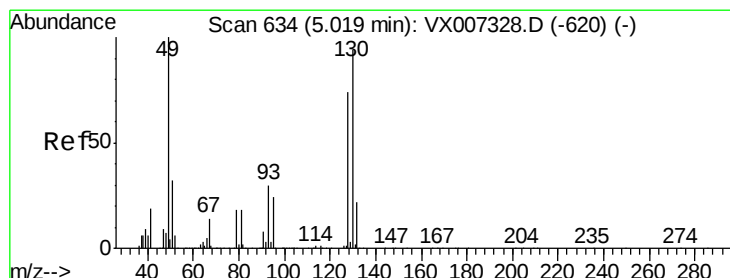
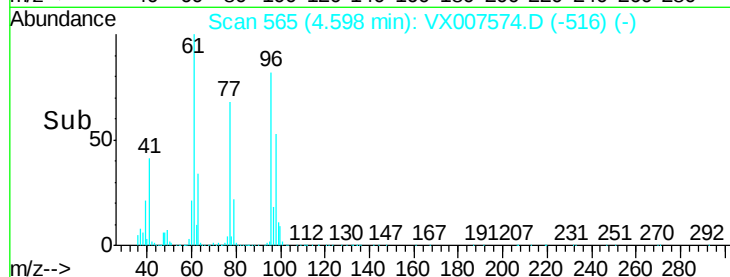
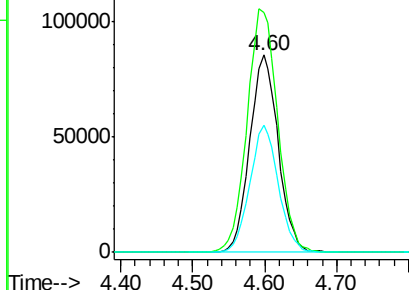
Tot Ion	Ratio	Resp	Lower	Upper
96	100	233944		
61	131.9	0.0	265.6	
98	64.7	0.0	131.6	

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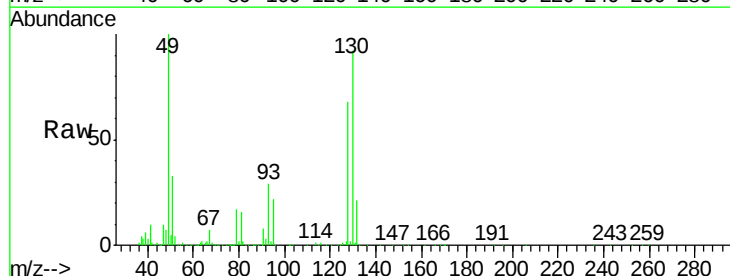
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



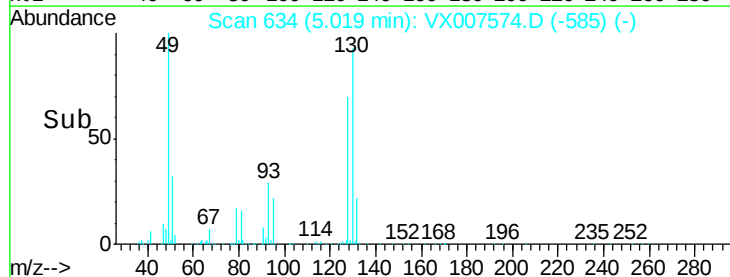
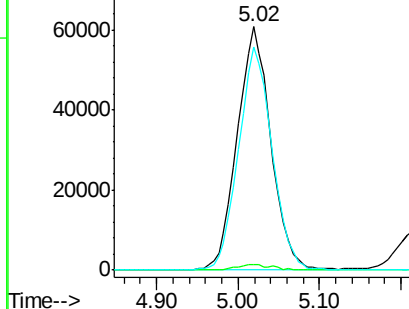
#28

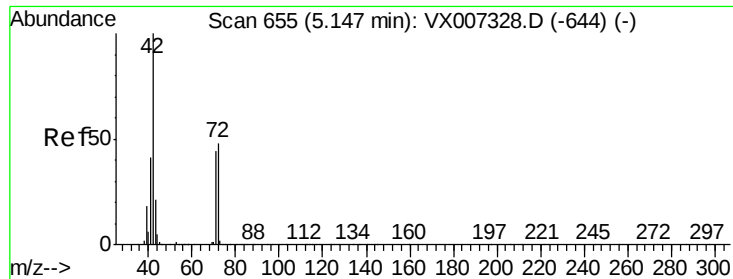
Bromochloromethane
Concen: 50.172 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	172960		
129	2.5	0.0	5.6	
130	91.9	75.6	113.4	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





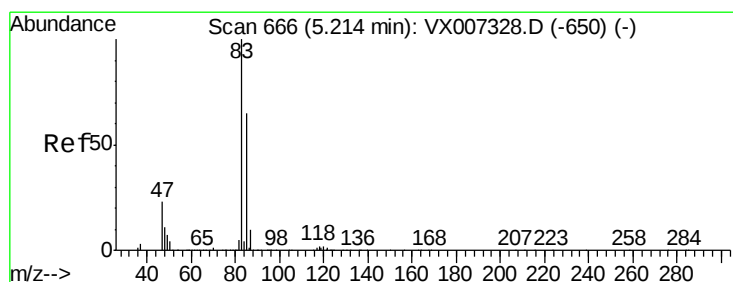
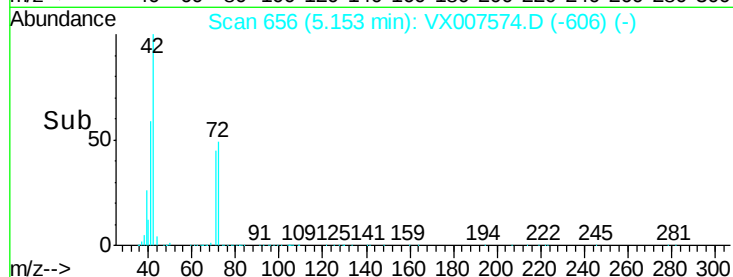
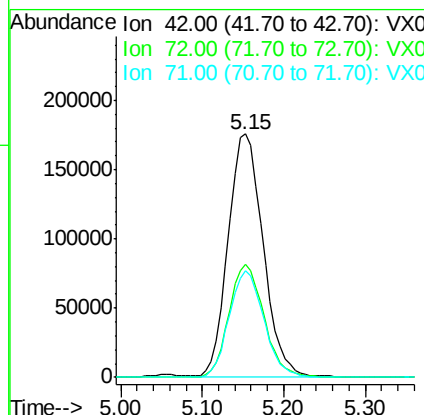
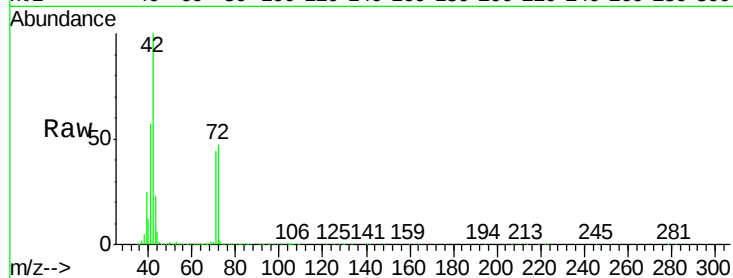
#29
Tetrahydrofuran
Concen: 262.426 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.6	56.4
71	43.4	34.6	51.8

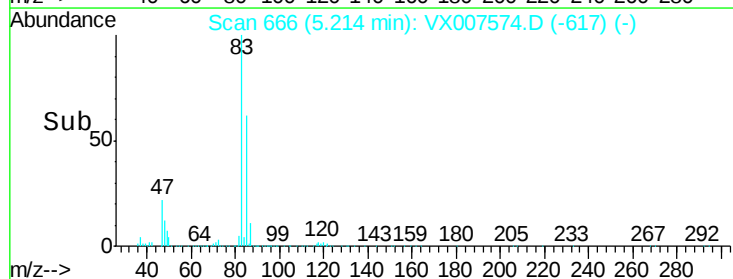
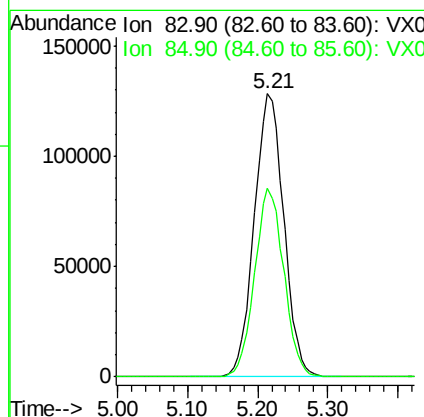
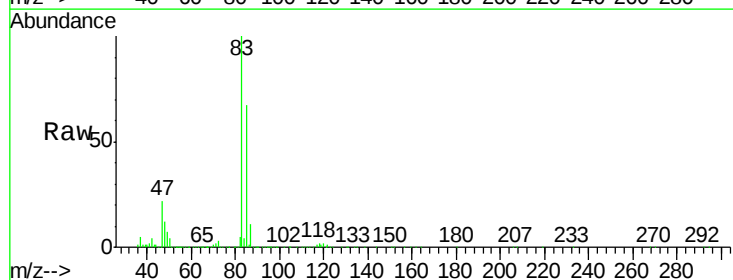
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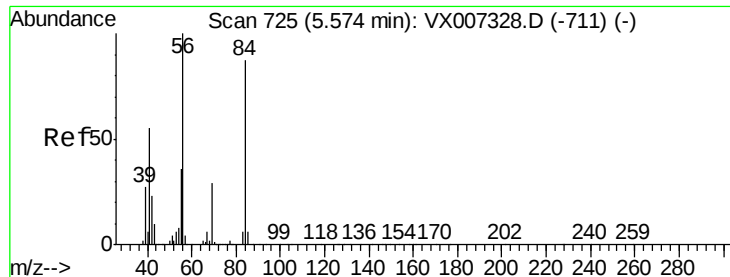
MMDadoda
2/18/2019 10:40:48 AM



#30
Chloroform
Concen: 48.049 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.6	77.4





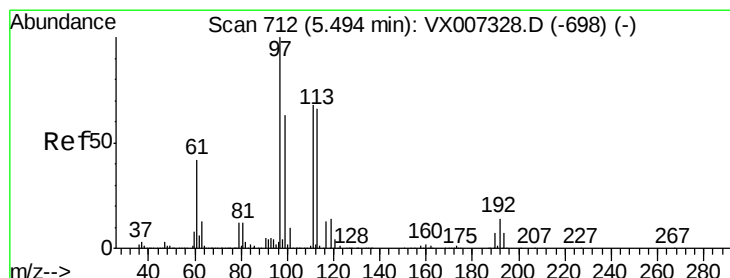
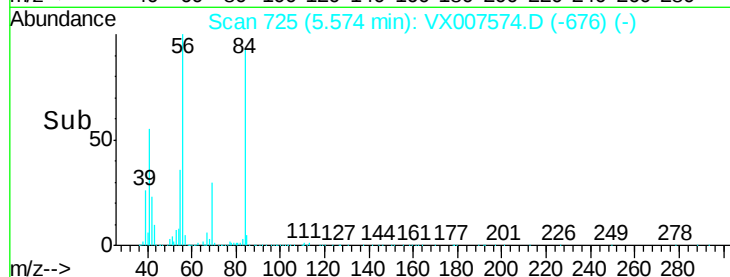
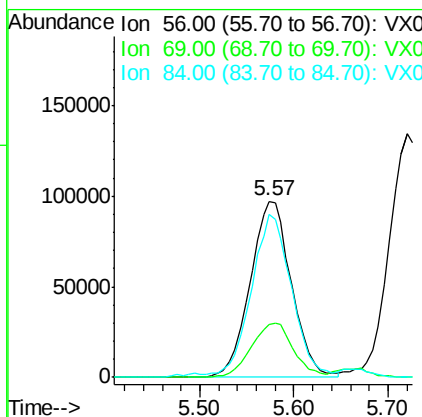
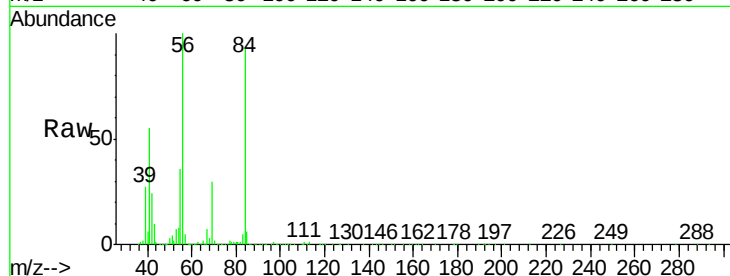
#31
Cyclohexane
Concen: 44.011 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.0	34.6
84	91.0	69.8	104.6

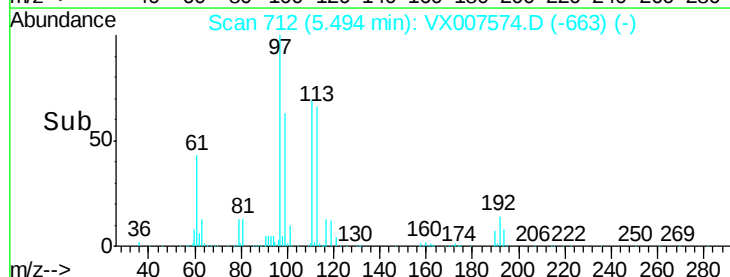
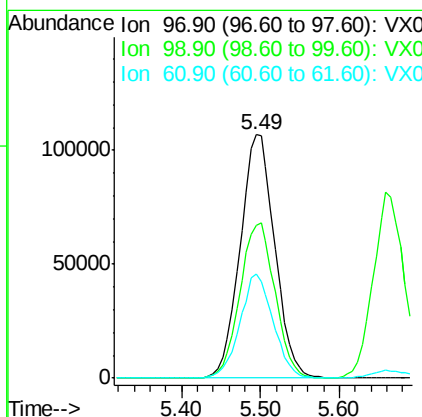
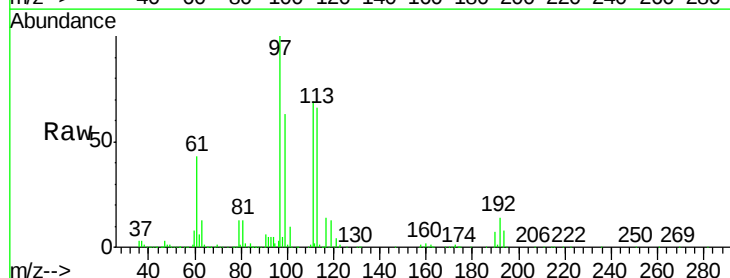
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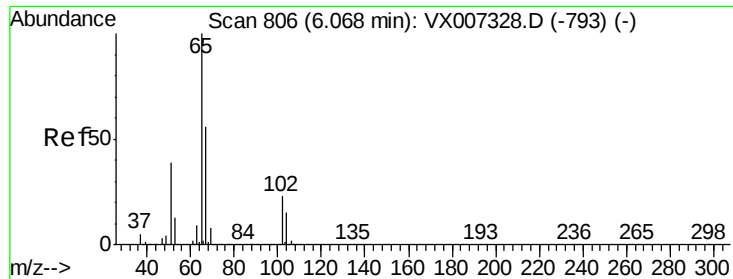
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#32
1,1,1-Trichloroethane
Concen: 49.369 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	40.9	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 49.708 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 240677

Ion Ratio Lower Upper

65 100

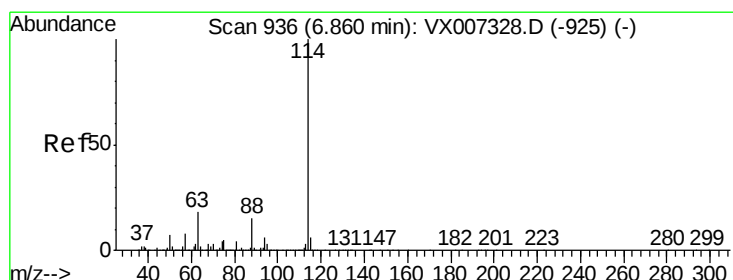
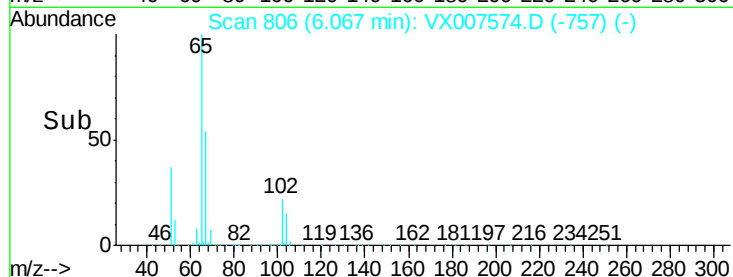
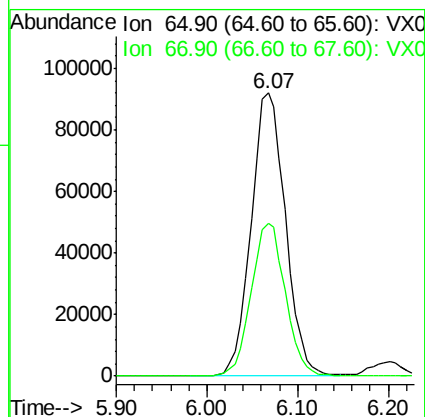
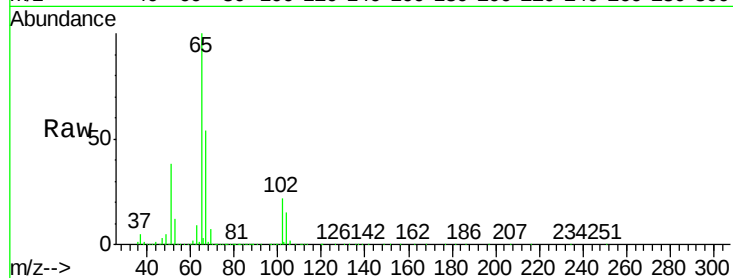
67 53.6 0.0 108.8

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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: VX007574.D

Acq: 15 Feb 2019 17:58

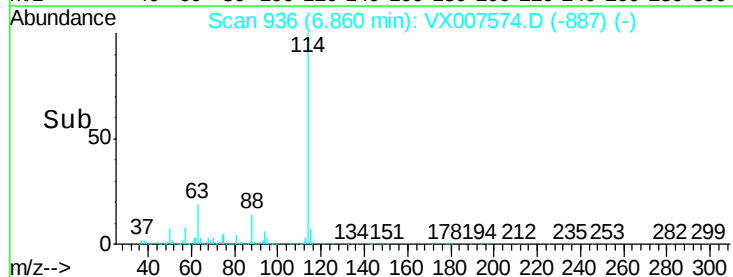
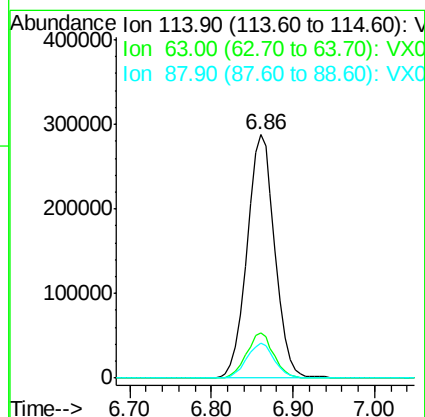
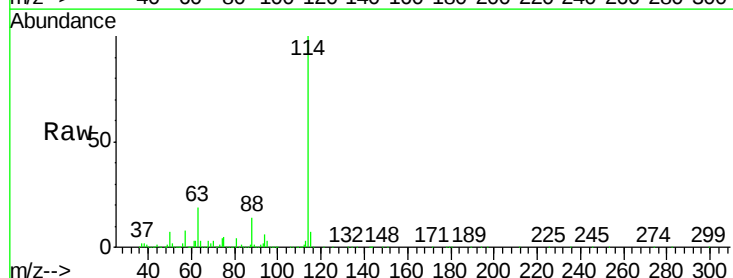
Tgt Ion: 114 Resp: 679135

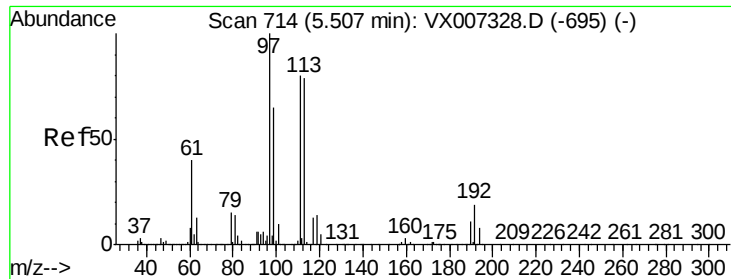
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

88 14.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.602 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

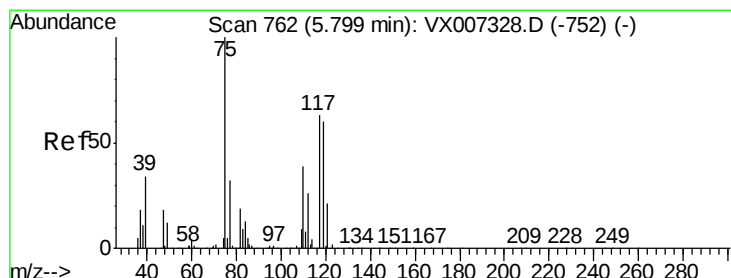
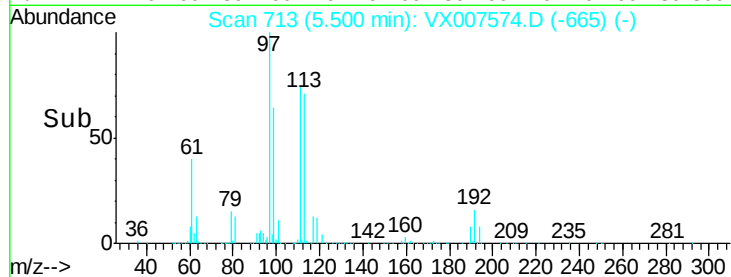
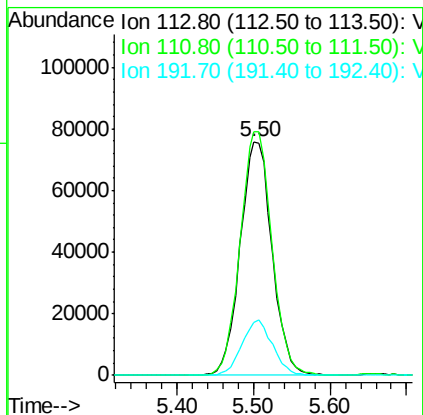
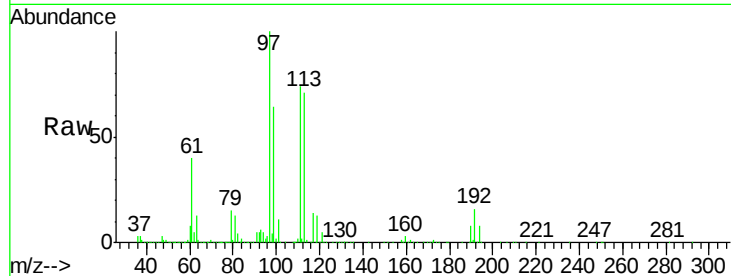
ClientSampled :

VSTDCCC050EC

Tot Ion:	113	Resp:	219184
Ion Ratio	Lower	Upper	
113	100		
111	104.0	81.8	122.8
192	22.6	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 43.063 ug/l

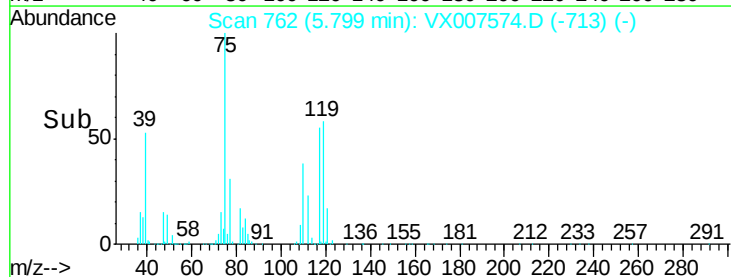
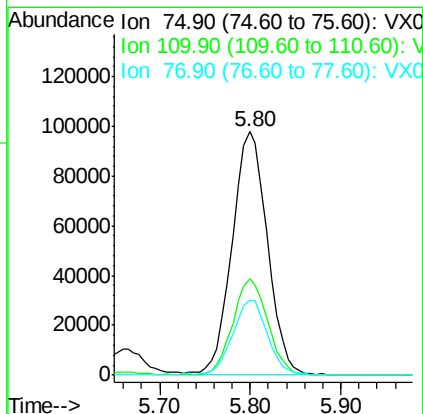
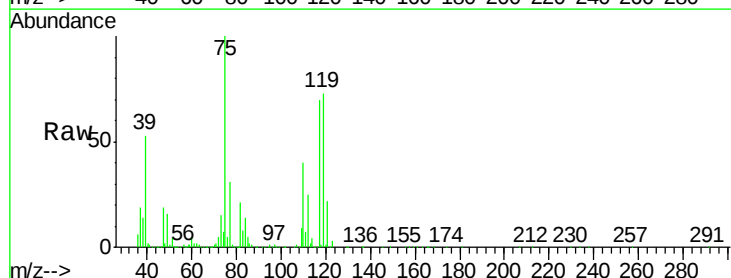
RT: 5.80 min Scan# 762

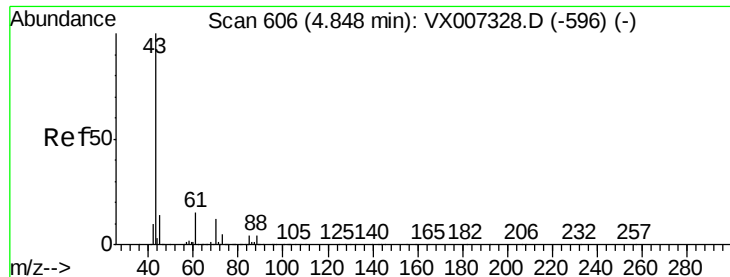
Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion:	75	Resp:	262401
Ion Ratio	Lower	Upper	
75	100		
110	39.3	20.0	59.9
77	30.3	24.7	37.1





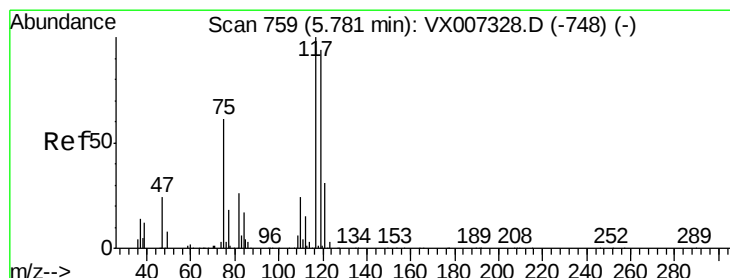
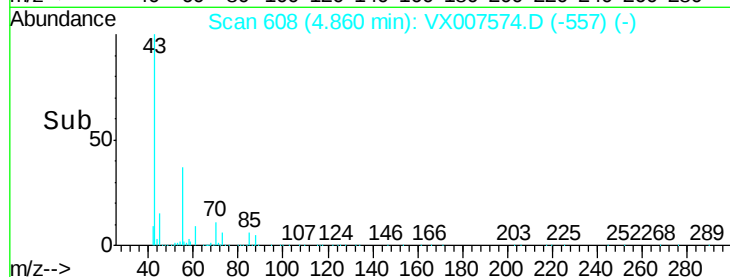
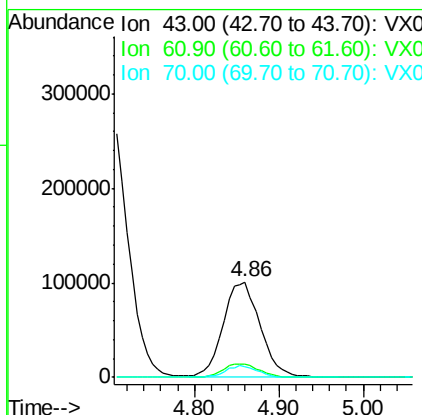
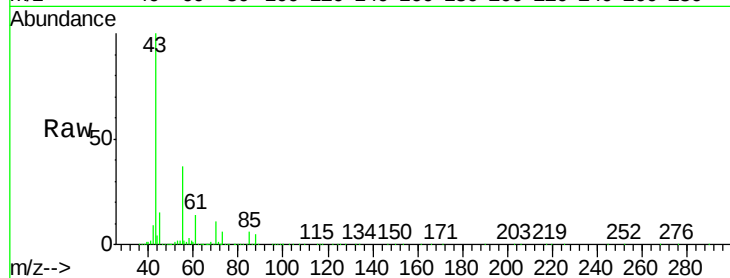
#37
Ethyl Acetate
Concen: 48.584 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	299263
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	10.9	8.6	13.0

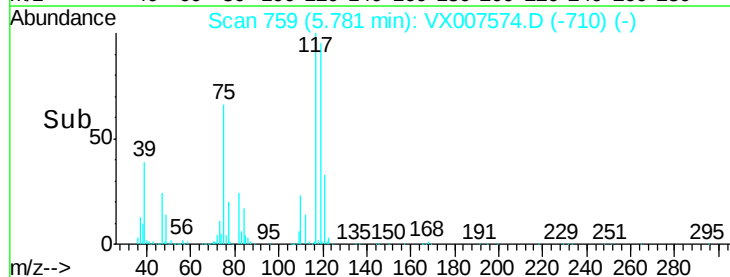
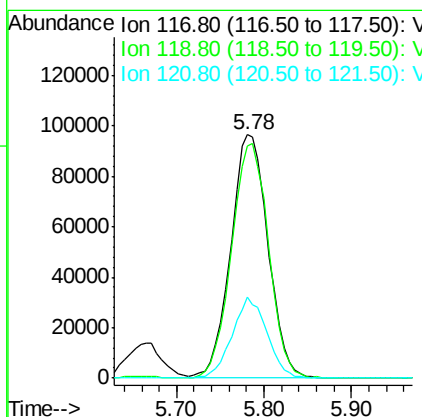
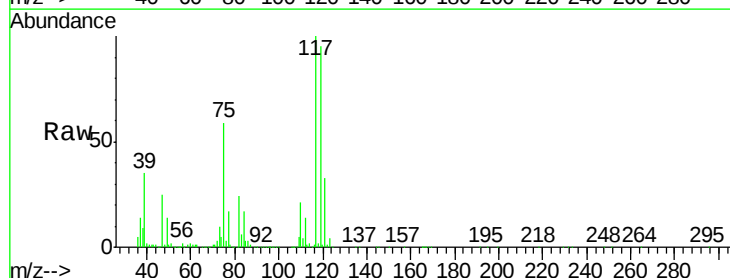
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#38
Carbon Tetrachloride
Concen: 48.100 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion:	117	Resp:	284349
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.3	112.9
121	33.1	25.0	37.4





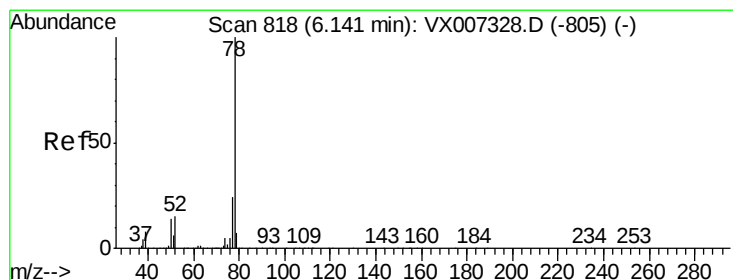
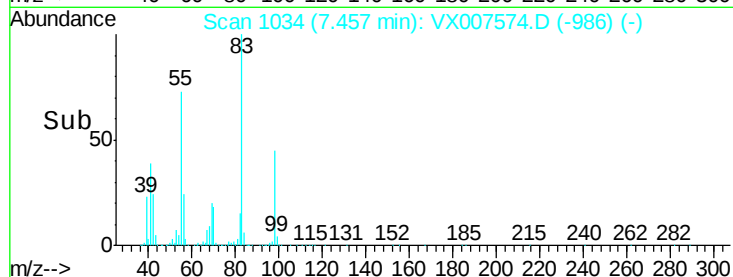
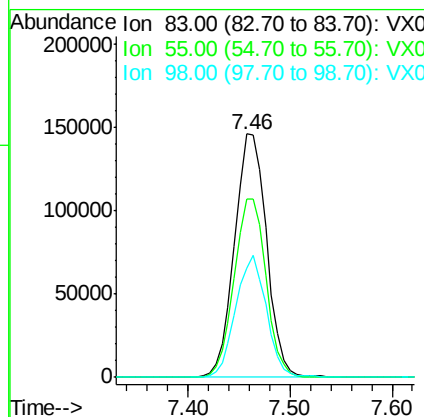
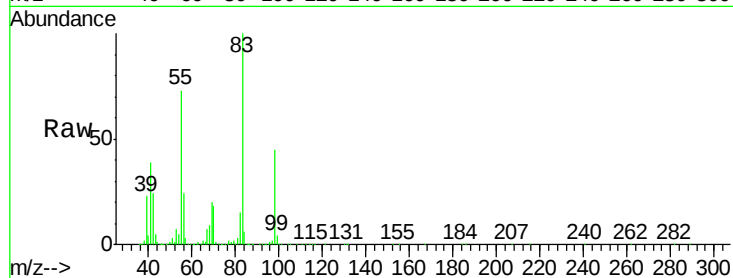
#39
Methvlcvclohexane
Concen: 43.192 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.0	56.2	84.2
98	44.6	36.8	55.2

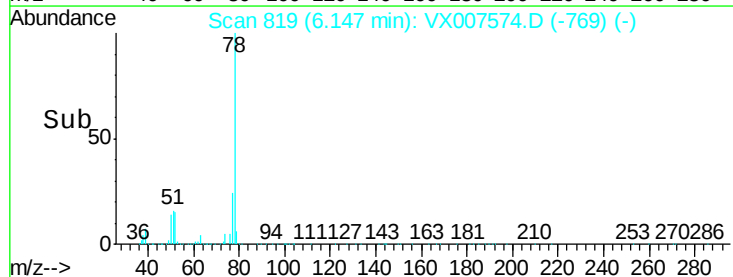
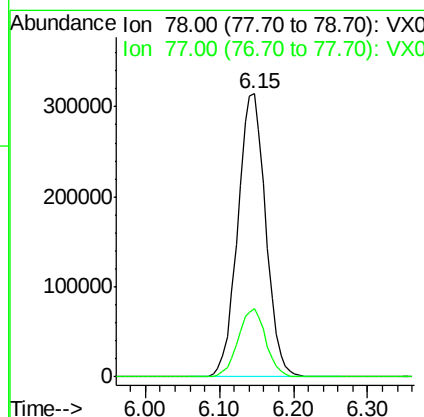
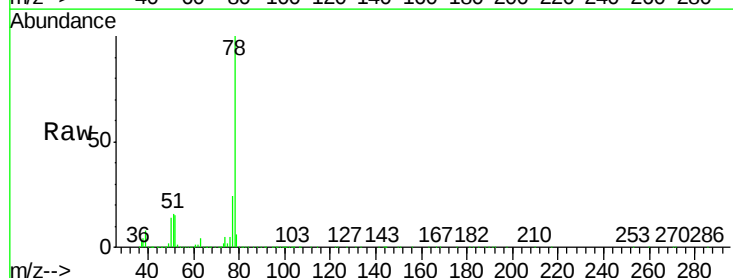
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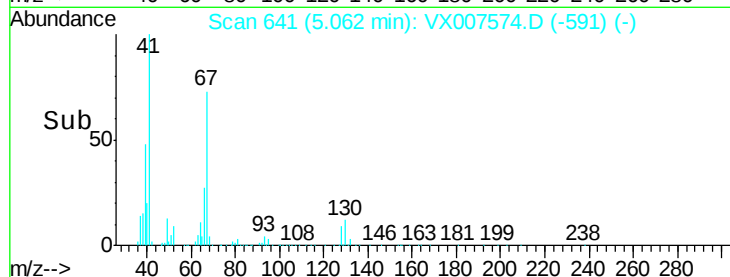
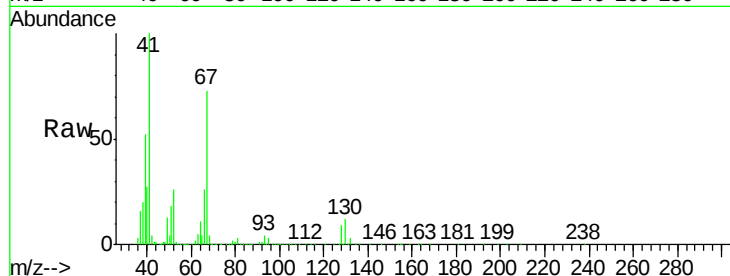
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#40
Benzene
Concen: 46.155 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

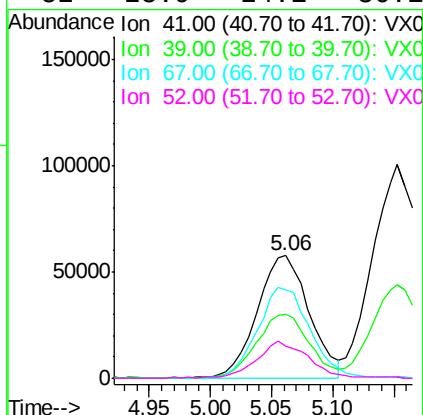
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.3	28.9





#41
Methacrylonitrile
Concen: 51.593 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

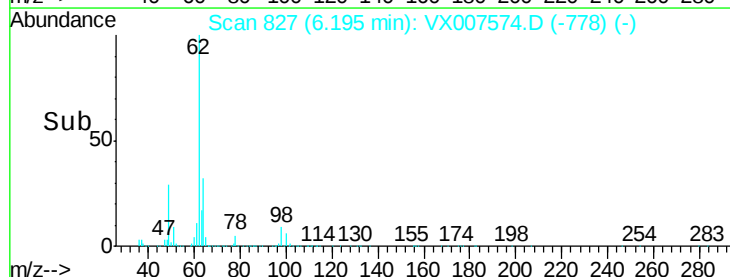
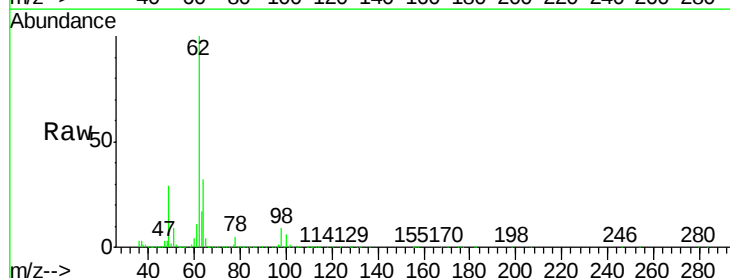
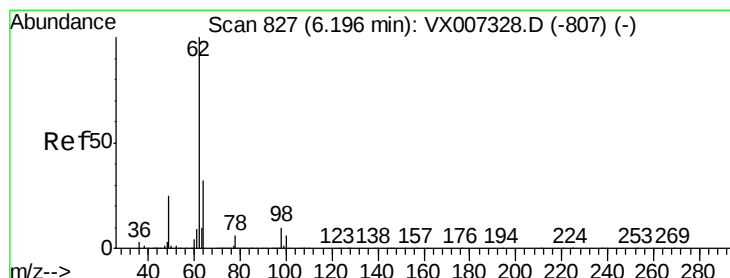
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		170326		
39	52.5	44.5	66.7		
67	74.6	60.4	90.6		
52	28.9	24.1	36.1		



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

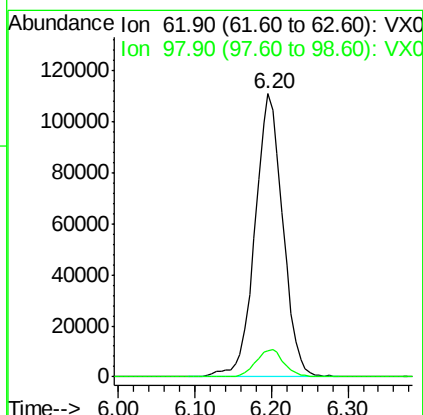
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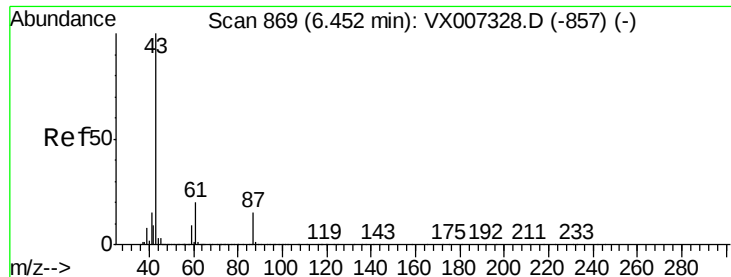
MMDadoda
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#42
1,2-Dichloroethane
Concen: 45.457 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		282306		
98	9.9	0.0	19.0		





#43

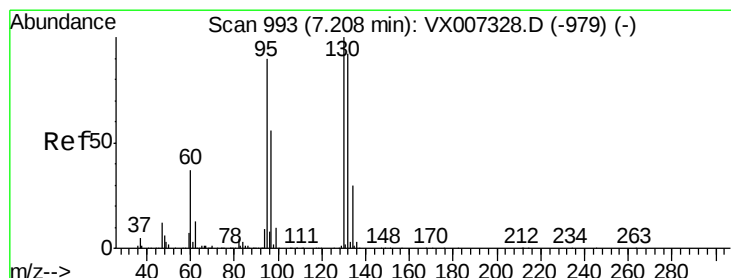
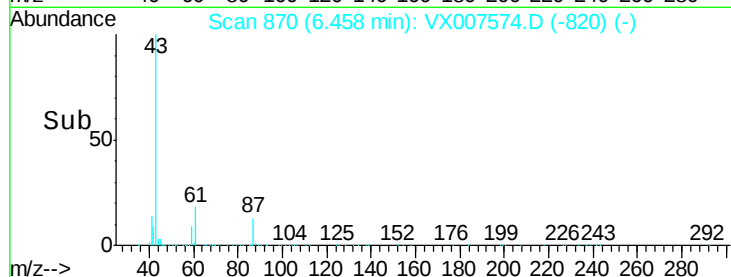
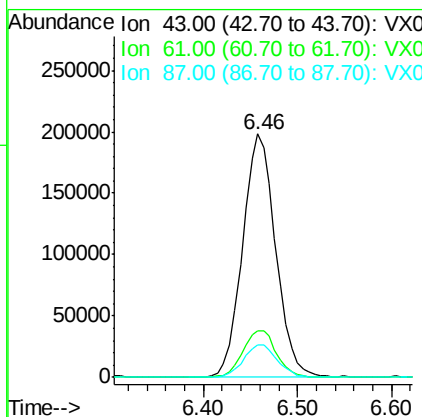
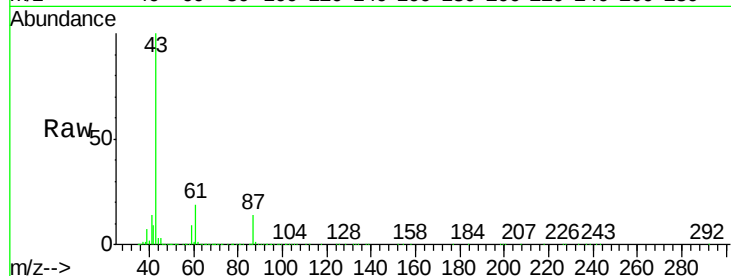
Isopropyl Acetate
 Concen: 50.926 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.1	24.1
87	14.1	11.5	17.3

Manual Integrations
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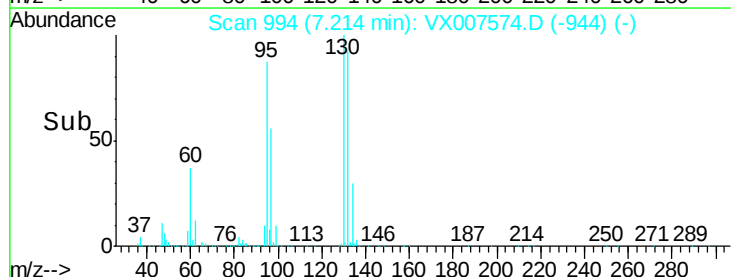
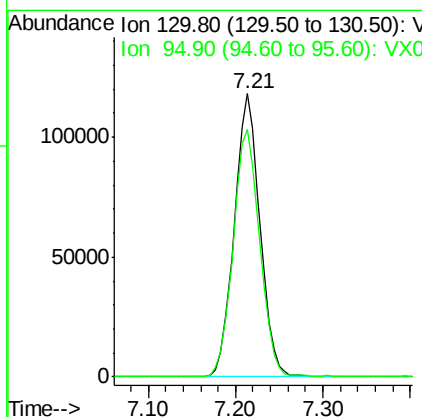
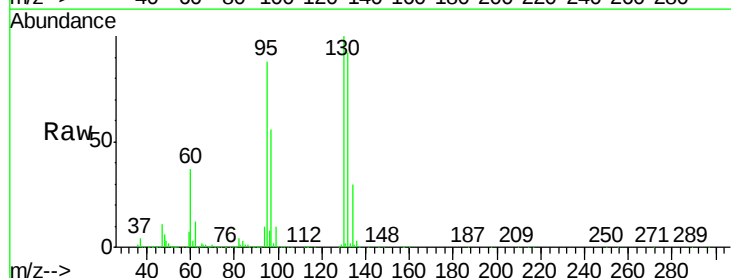
MMDadoda
 2/18/2019 10:40:48 AM

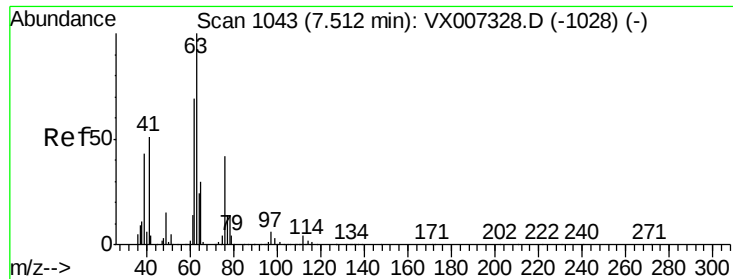


#44

Trichloroethene
 Concen: 44.625 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.6	0.0	180.0





#45

1,2-Dichloropropane

Concen: 47.902 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 215429

Ion Ratio Lower Upper

63 100

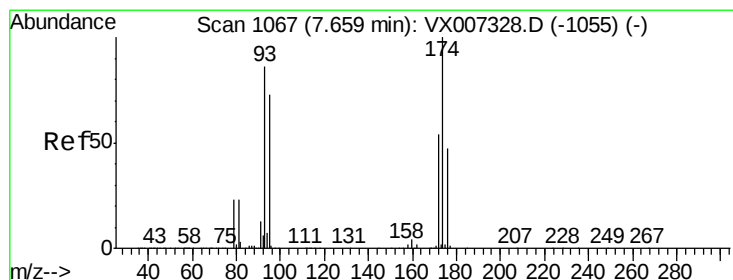
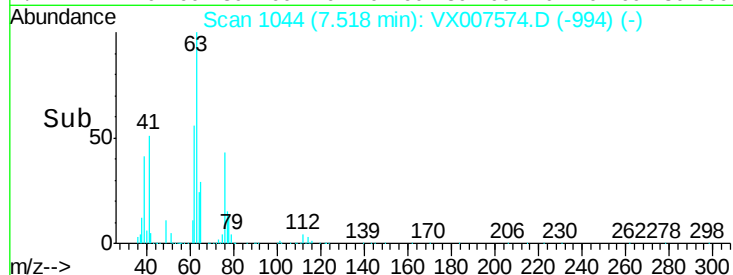
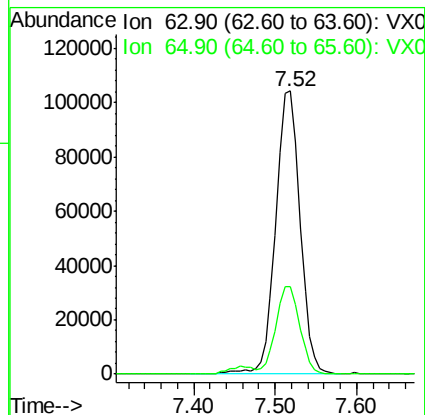
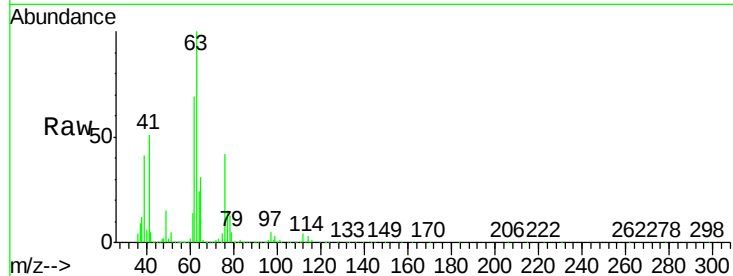
65 30.7 24.2 36.2

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#46

Dibromomethane

Concen: 45.475 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

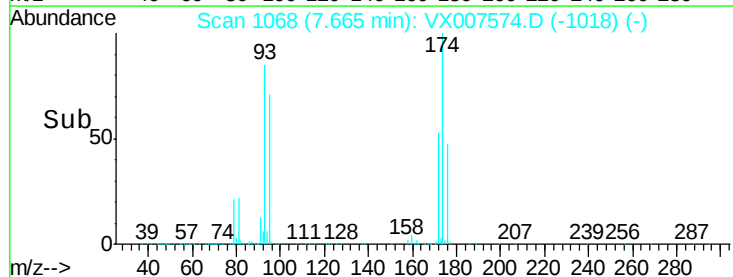
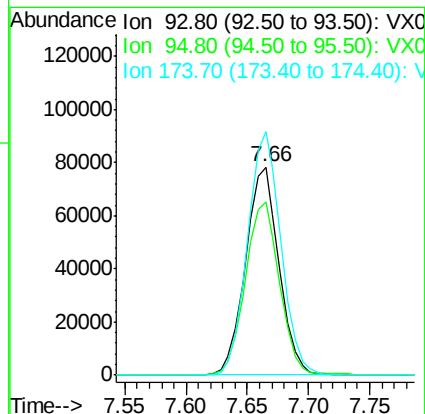
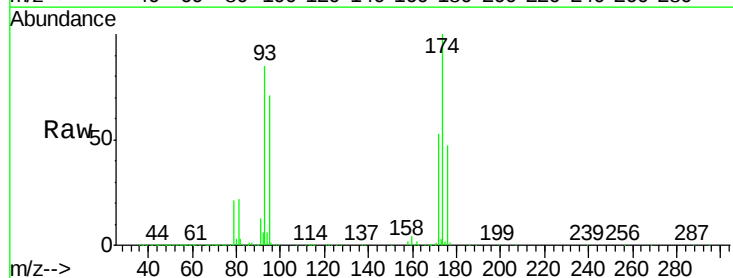
Tgt Ion: 93 Resp: 148642

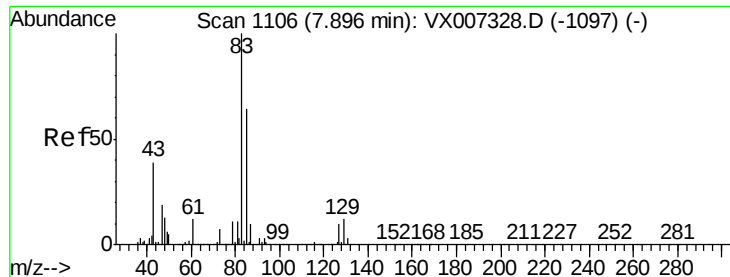
Ion Ratio Lower Upper

93 100

95 84.3 67.6 101.4

174 117.5 94.2 141.4





#47

Bromodichloromethane

Concen: 50.073 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

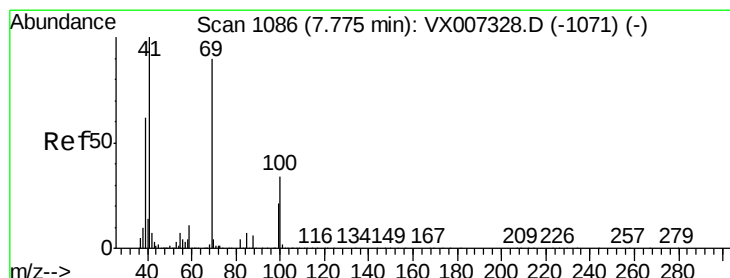
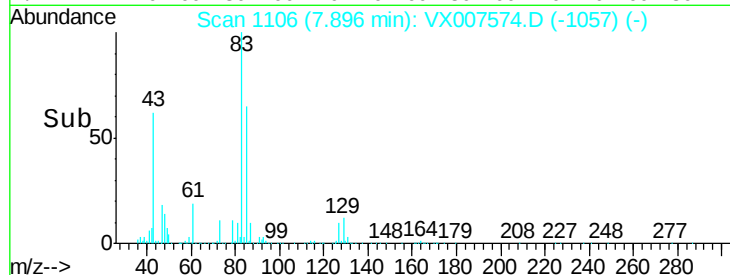
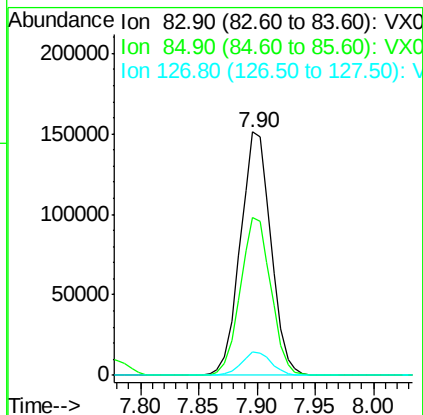
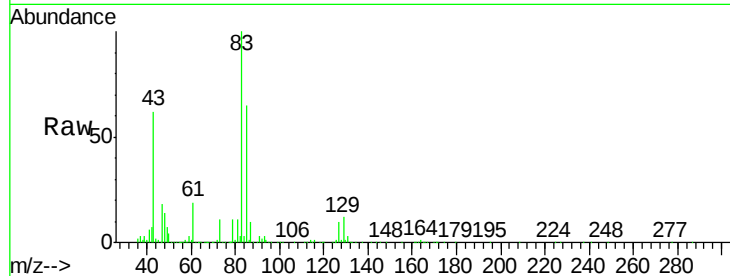
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	277388
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.4	77.0
127	9.5	8.1	12.1

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#48

Methyl methacrylate

Concen: 52.364 ug/l

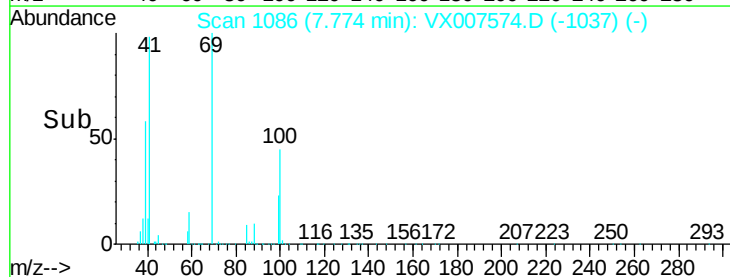
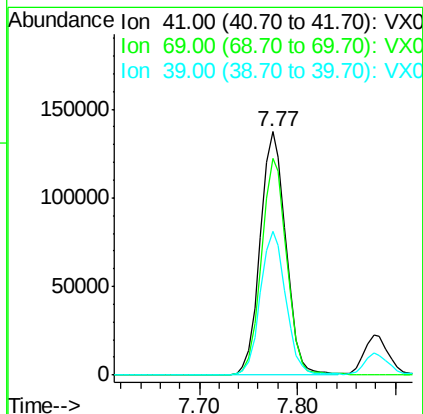
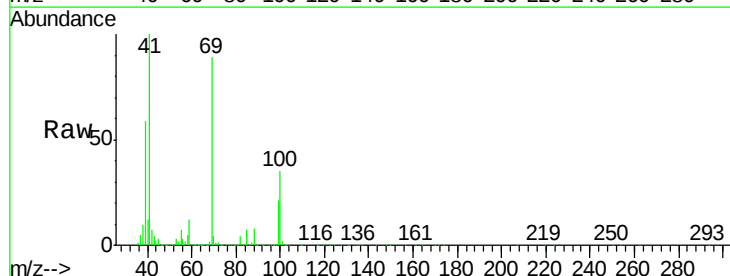
RT: 7.77 min Scan# 1086

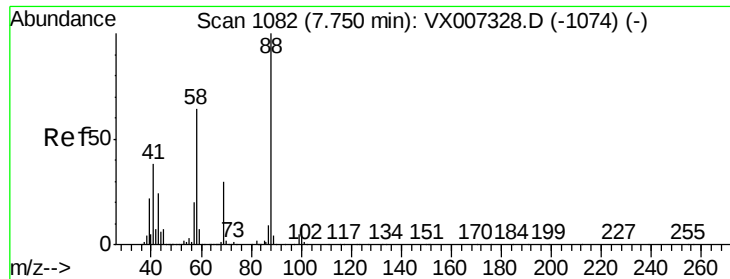
Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion:	41	Resp:	249027
Ion Ratio	Lower	Upper	
41	100		
69	87.5	70.2	105.4
39	58.5	47.4	71.0





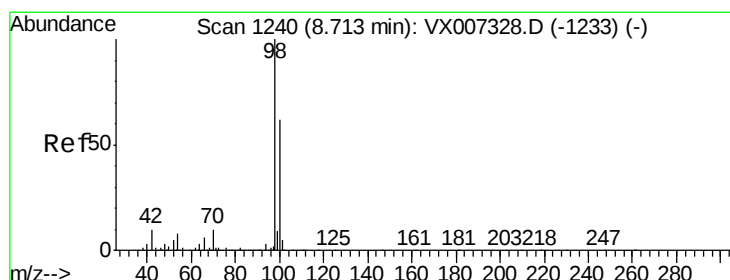
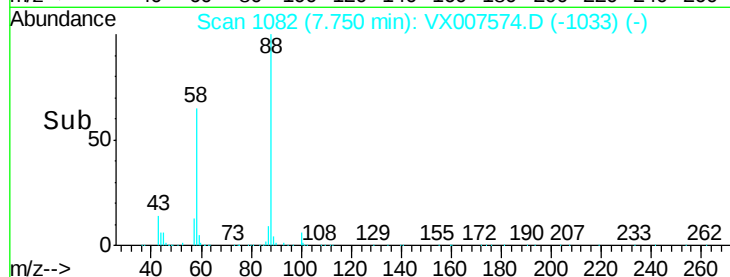
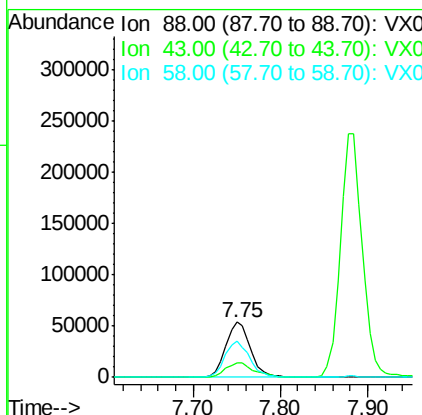
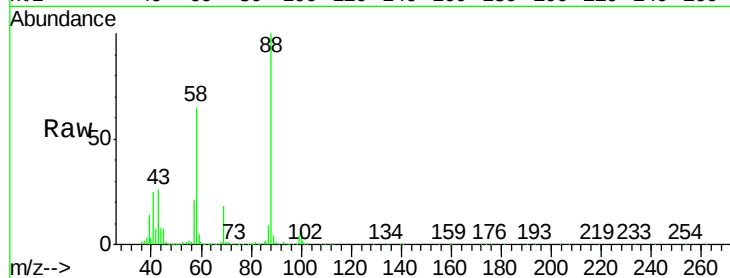
#49
1,4-Dioxane
Concen: 966.097 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	24.2	36.4
58	66.0	53.0	79.4

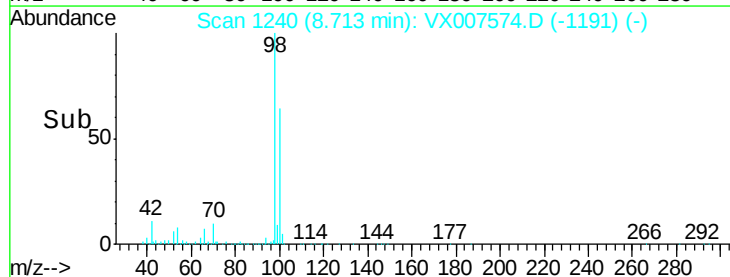
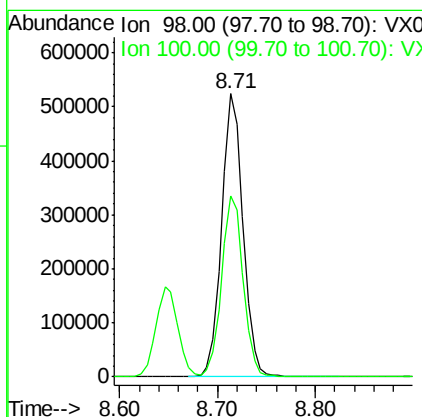
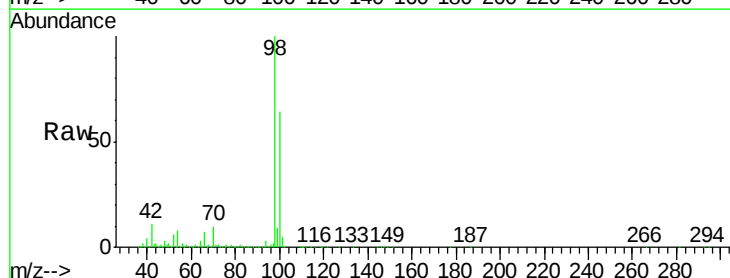
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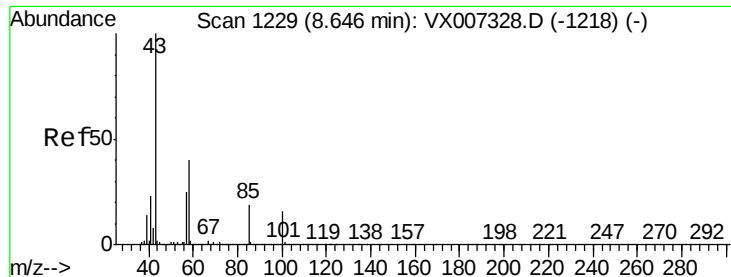
MMDadoda
2/18/2019 10:40:48 AM



#50
Toluene-d8
Concen: 48.456 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 255.350 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1598214

Ion Ratio Lower Upper

43 100

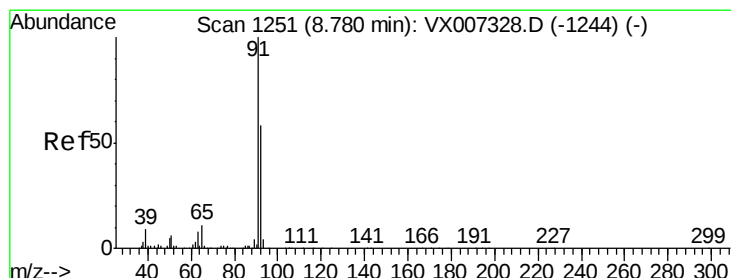
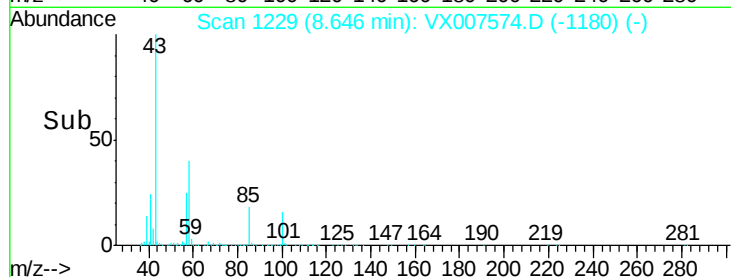
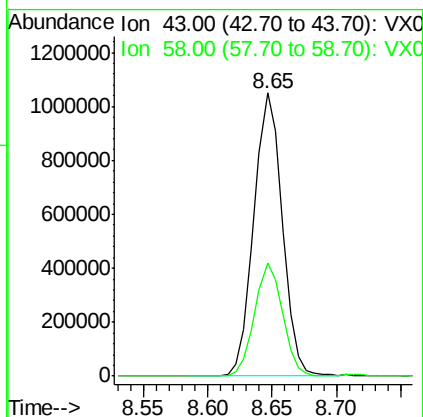
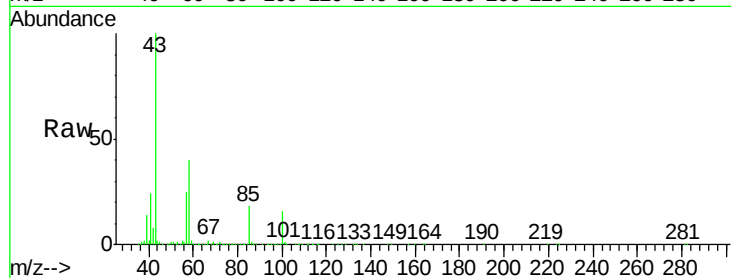
58 39.3 31.2 46.8

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#52

Toluene

Concen: 46.098 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007574.D

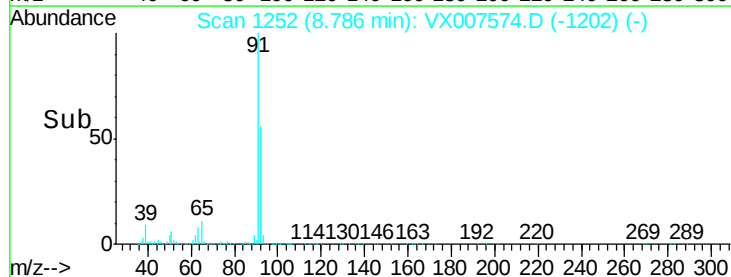
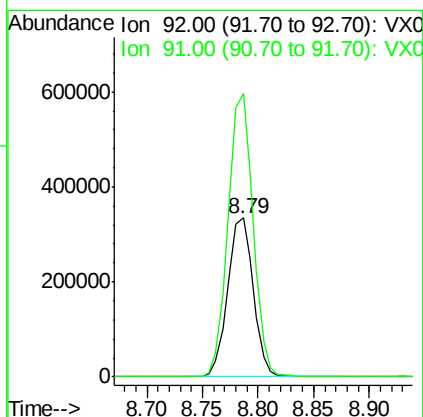
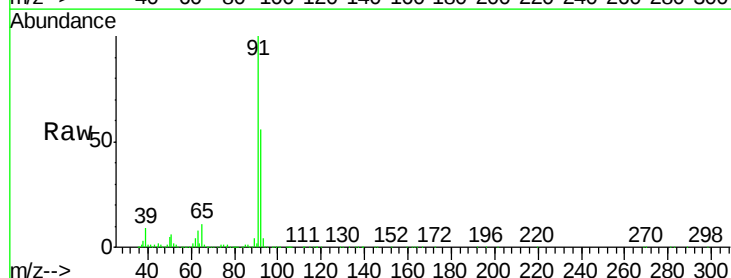
Acq: 15 Feb 2019 17:58

Tgt Ion: 92 Resp: 533855

Ion Ratio Lower Upper

92 100

91 175.1 139.1 208.7





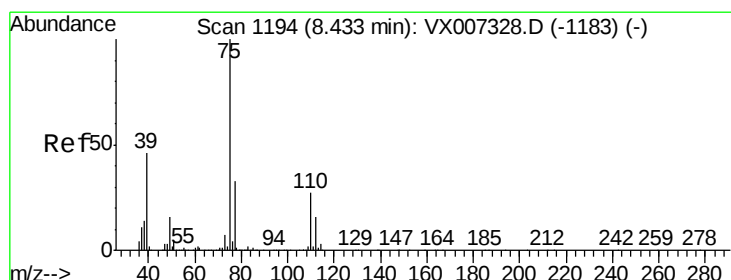
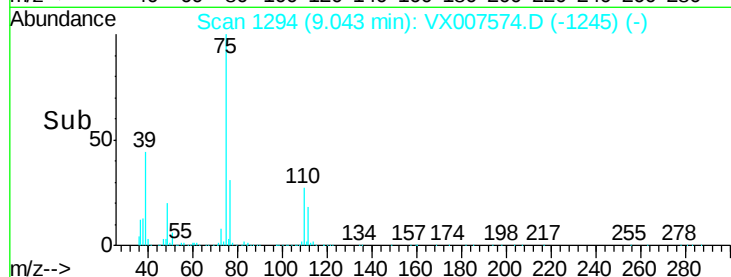
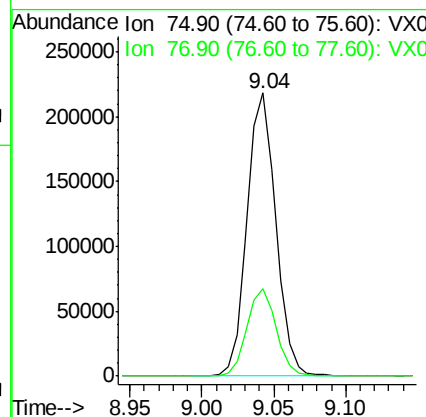
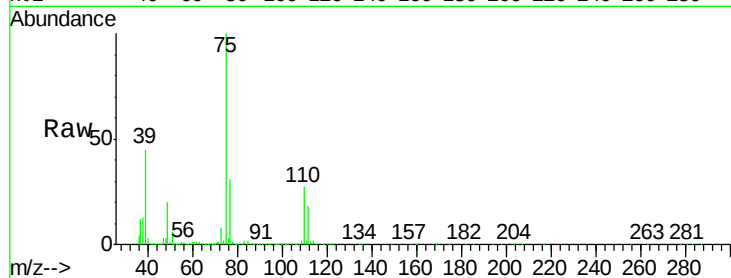
#53
t-1,3-Dichloropropene
Concen: 50.667 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.2	37.8

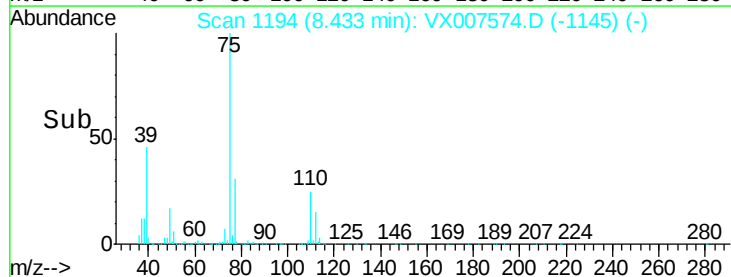
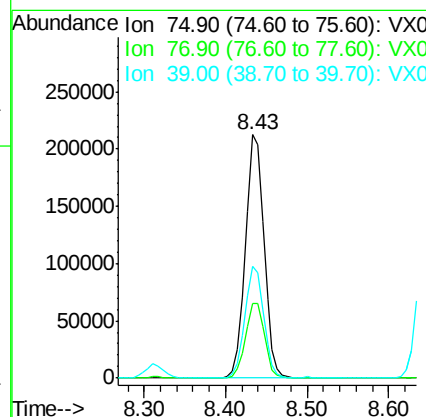
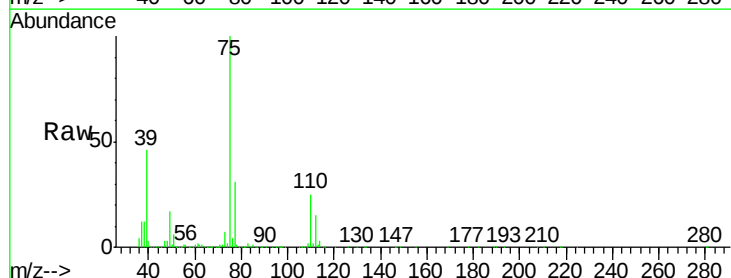
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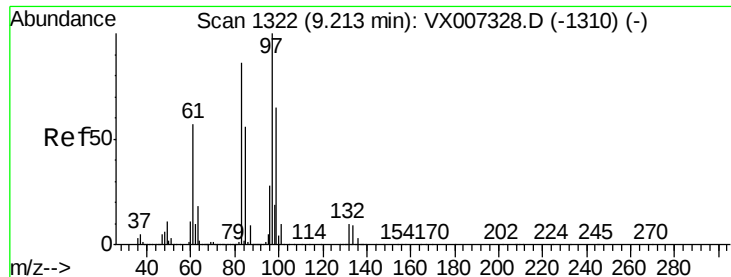
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.929 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.2	39.4
39	45.7	37.1	55.7





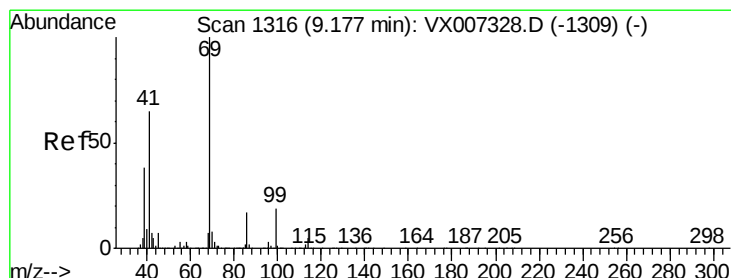
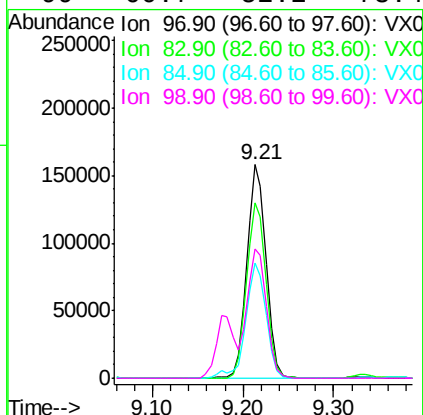
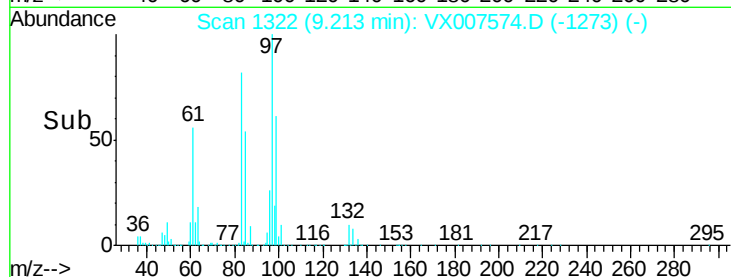
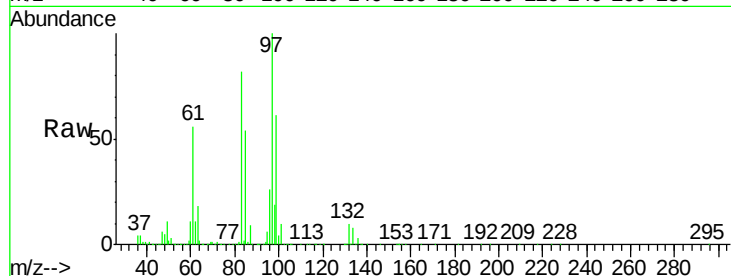
#55
 1,1,2-Trichloroethane
 Concen: 47.890 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		231184		
83	82.3	68.6	102.8		
85	53.9	44.5	66.7		
99	60.7	52.2	78.4		

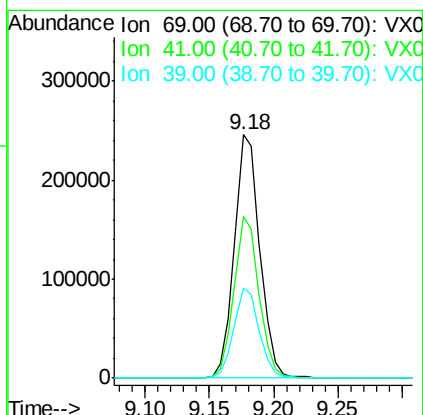
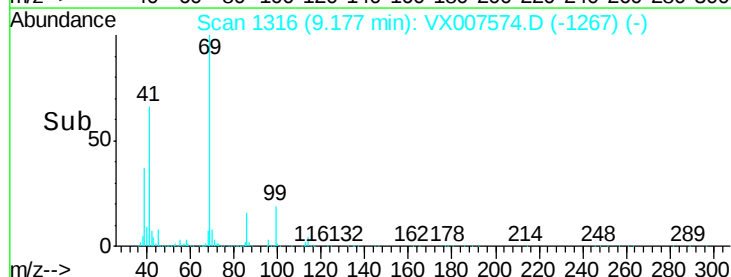
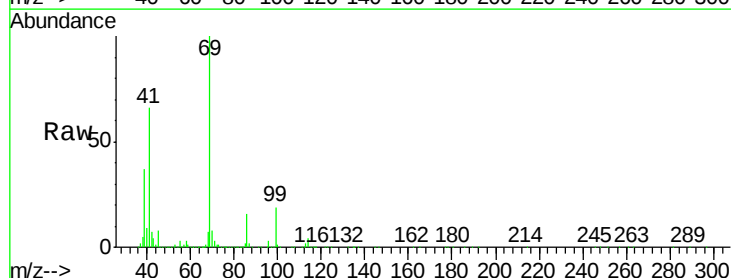
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#56
 Ethyl methacrylate
 Concen: 50.988 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		340907		
41	64.8	52.1	78.1		
39	36.7	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 47.795 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 366920

Ion Ratio Lower Upper

76 100

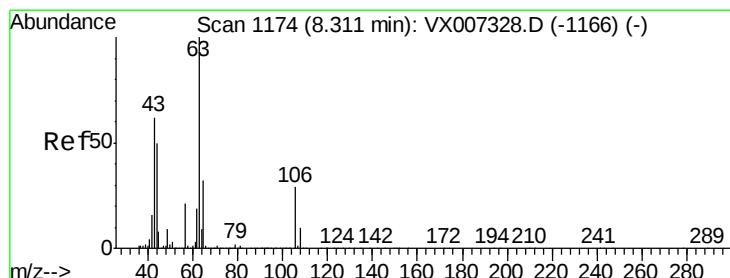
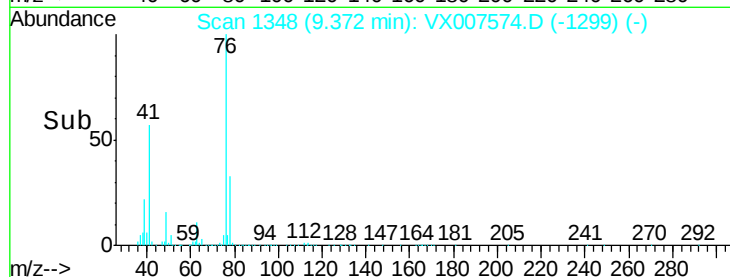
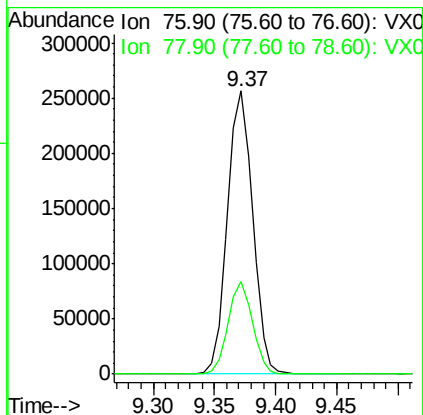
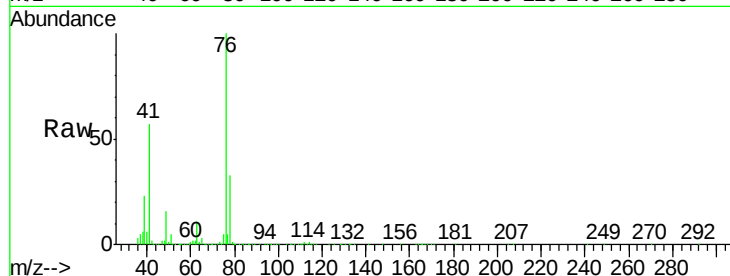
78 31.8 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 250.989 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007574.D

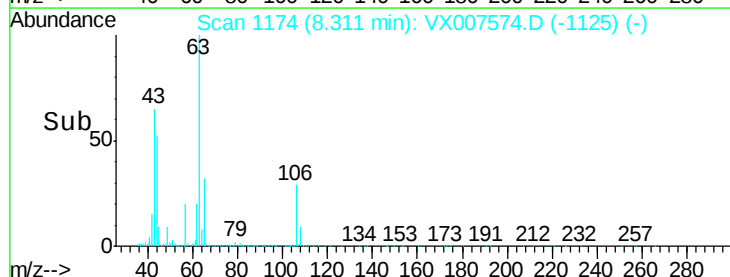
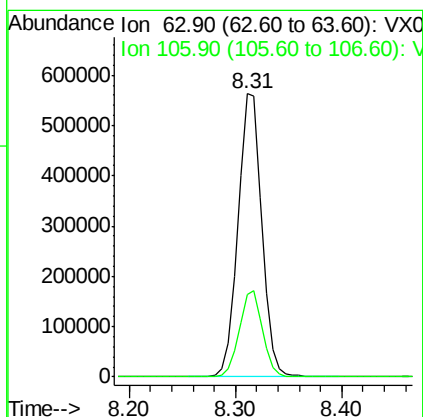
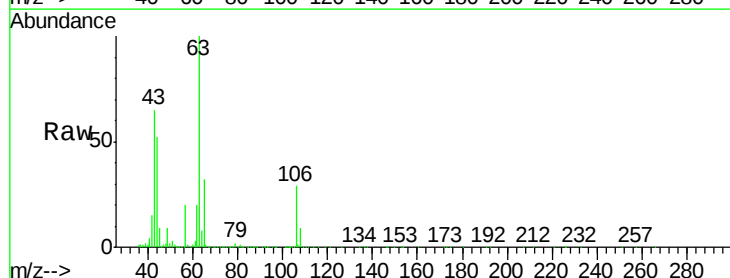
Acq: 15 Feb 2019 17:58

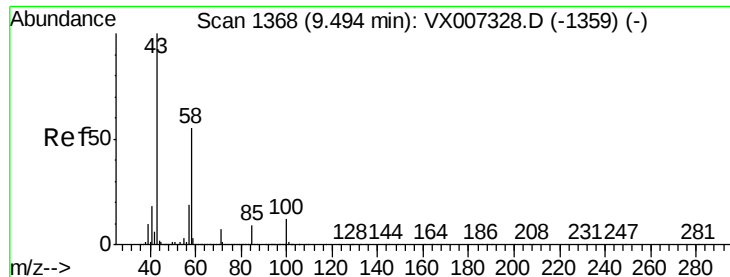
Tgt Ion: 63 Resp: 884501

Ion Ratio Lower Upper

63 100

106 29.8 23.6 35.4





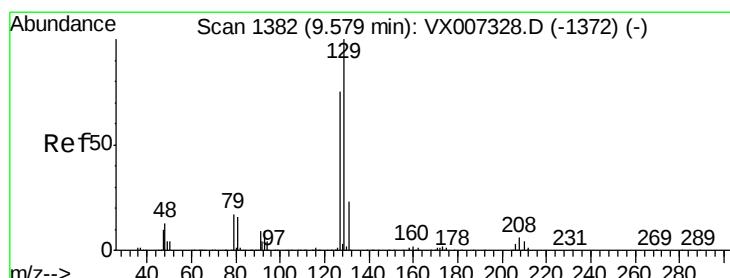
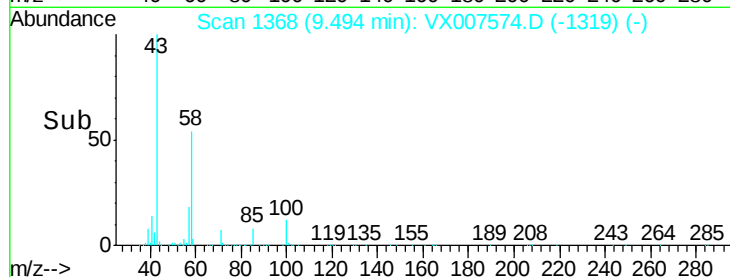
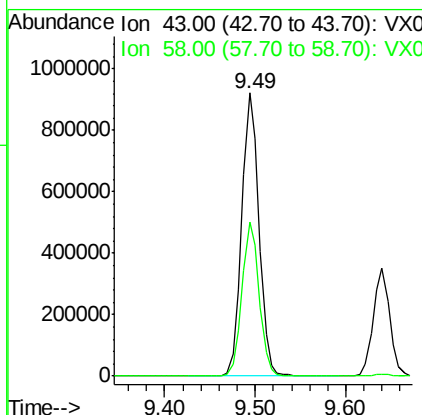
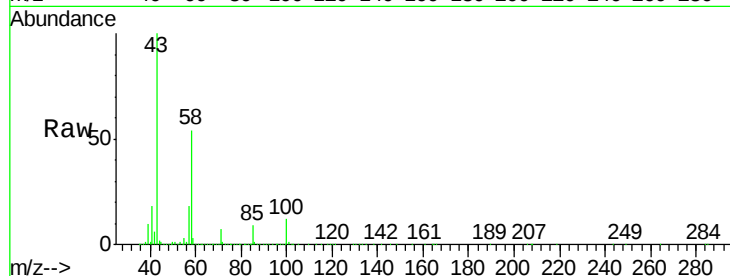
#59
2-Hexanone
Concen: 249.954 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1217397
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3

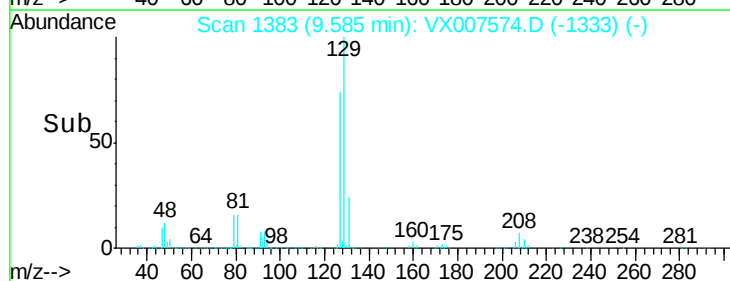
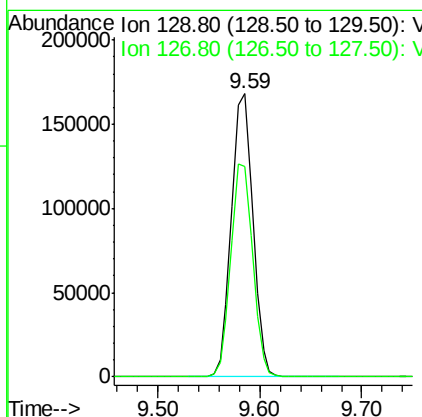
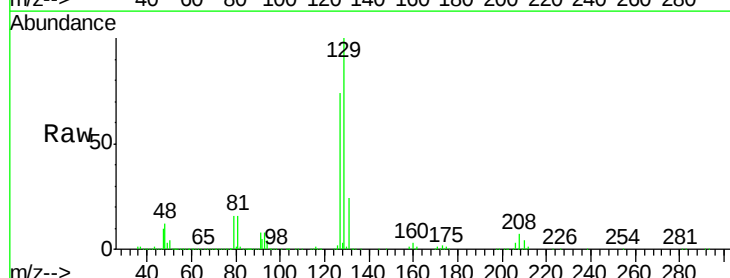
Manual Integrations
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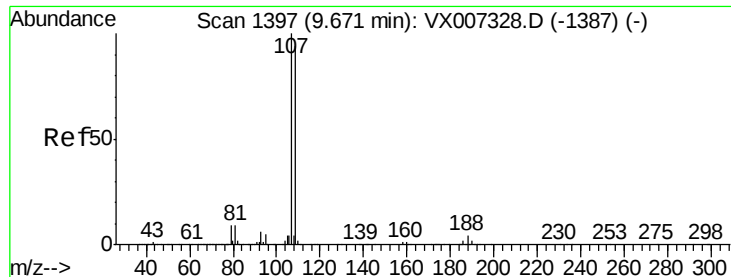
MMDadoda
2/18/2019 10:40:48 AM



#60
Dibromochloromethane
Concen: 53.635 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion: 129 Resp: 244873
Ion Ratio Lower Upper
129 100
127 76.3 37.8 113.4





#61

1,2-Dibromoethane

Concen: 47.393 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 242287

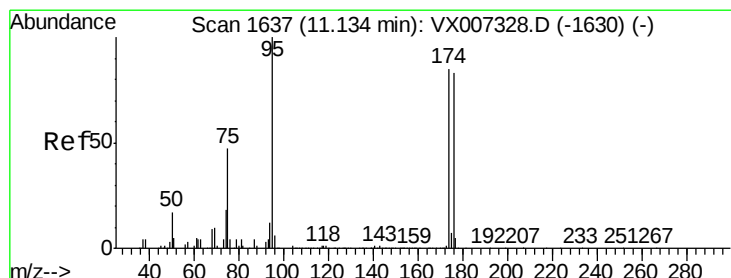
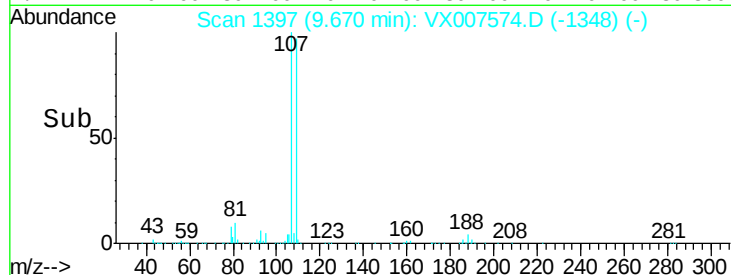
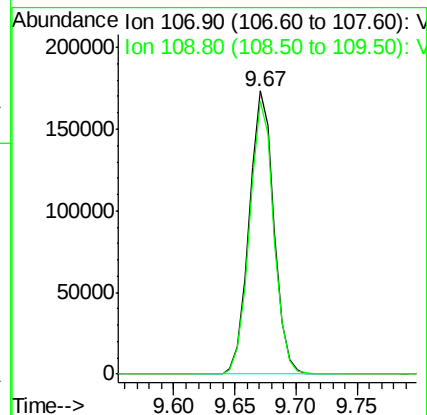
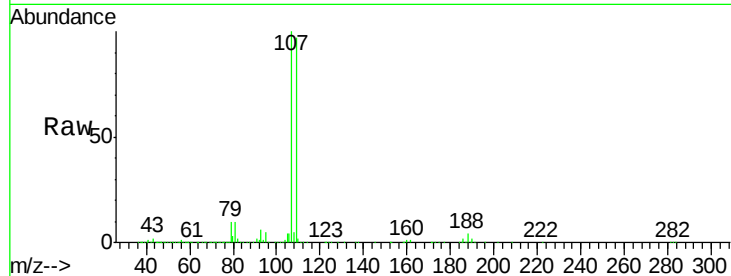
Ion Ratio Lower Upper

107 100

109 95.2 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 48.376 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

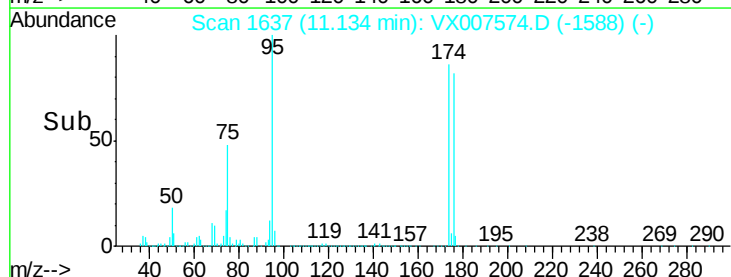
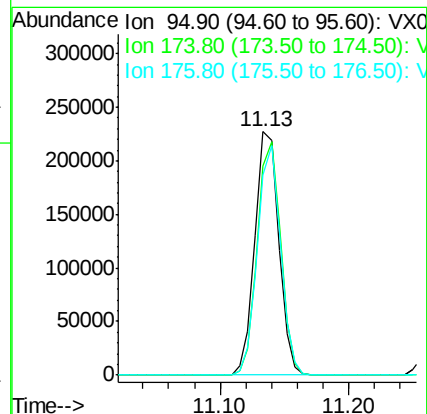
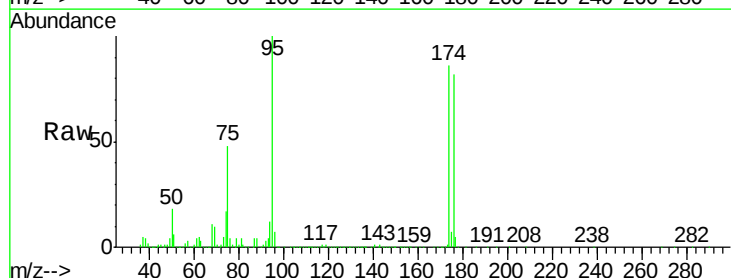
Tgt Ion: 95 Resp: 289570

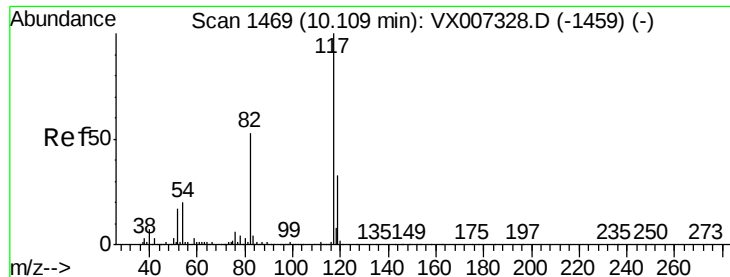
Ion Ratio Lower Upper

95 100

174 93.8 0.0 189.2

176 91.0 0.0 186.2





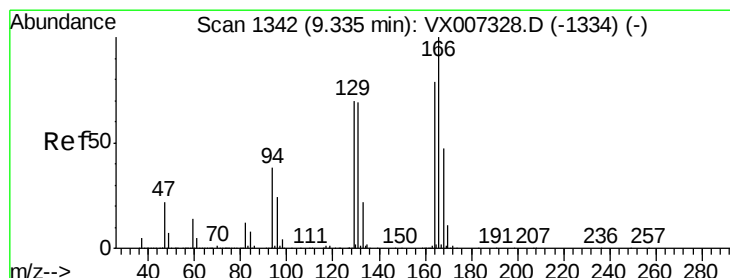
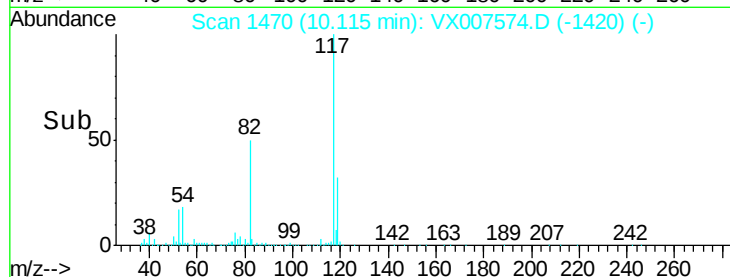
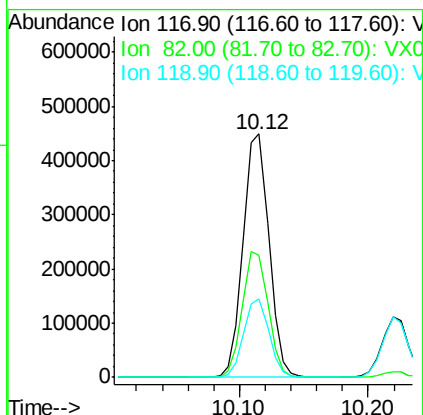
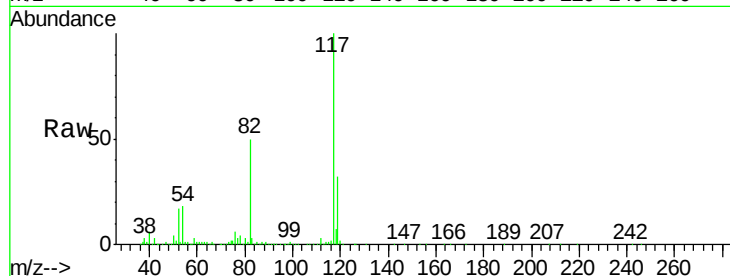
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	42.1	63.1
119	32.2	26.5	39.7

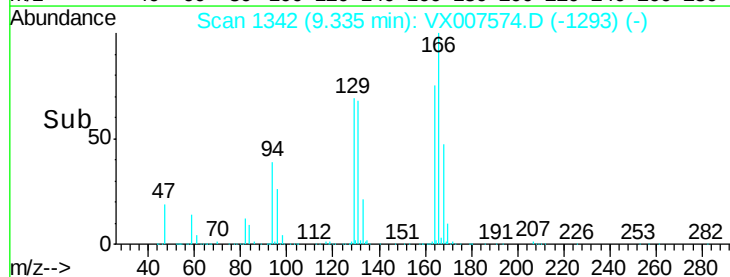
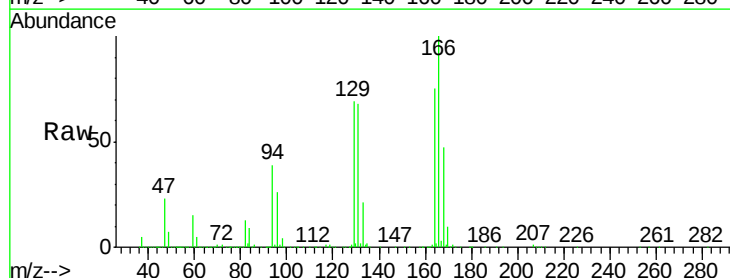
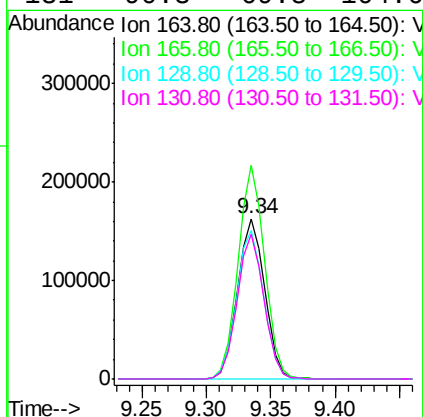
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#64
Tetrachloroethene
Concen: 40.633 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.1	101.0	151.4
129	92.4	70.5	105.7
131	90.3	69.8	104.6





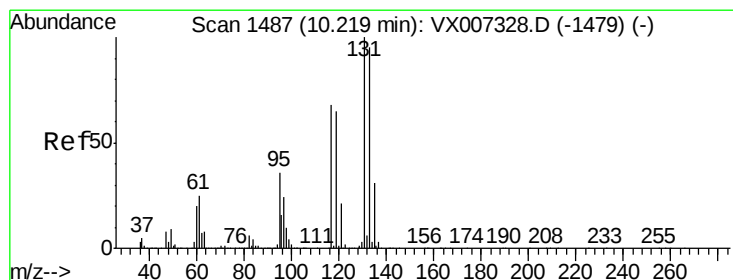
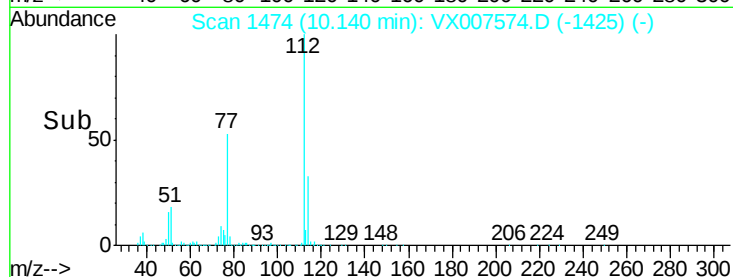
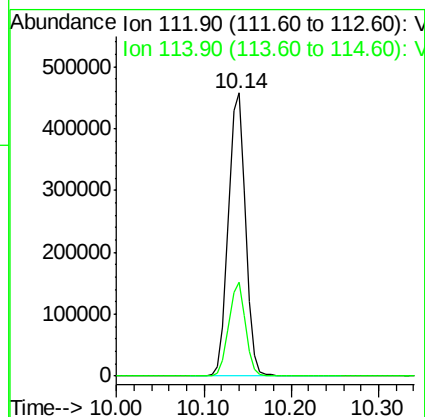
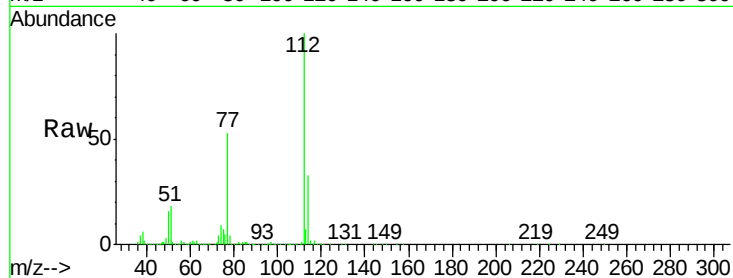
#65
Chlorobenzene
Concen: 45.599 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 619727
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.6

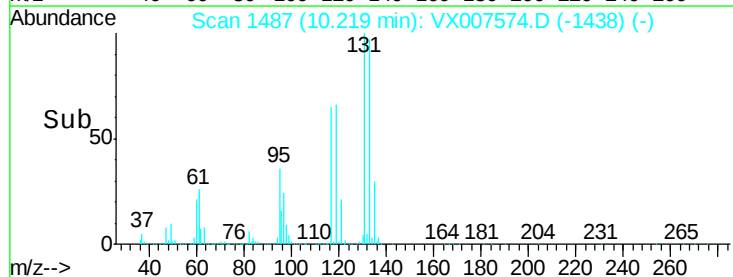
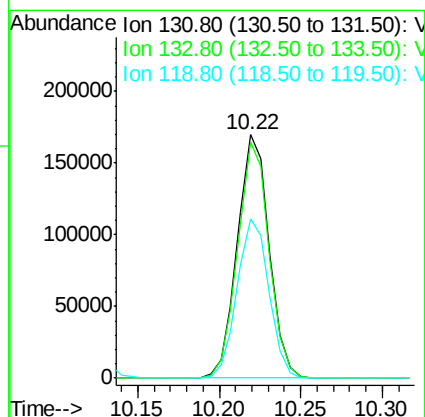
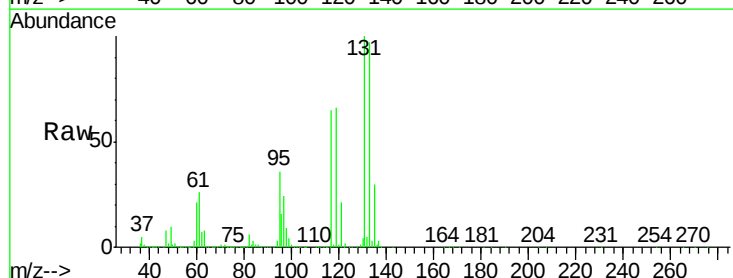
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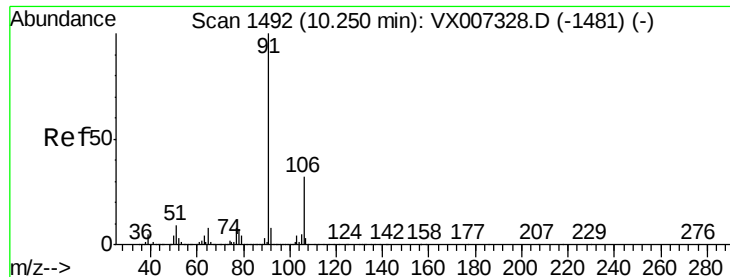
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.489 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion:131 Resp: 230057
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 65.7 32.0 96.0





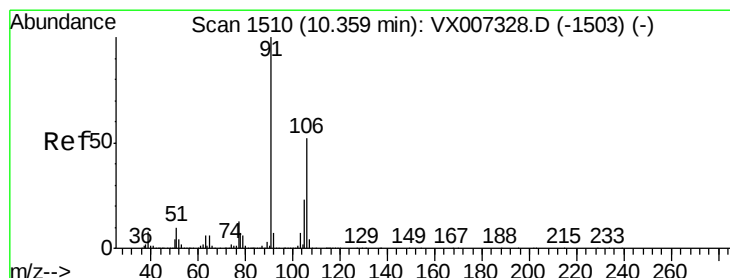
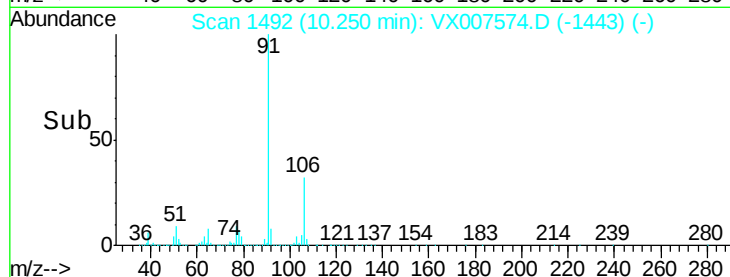
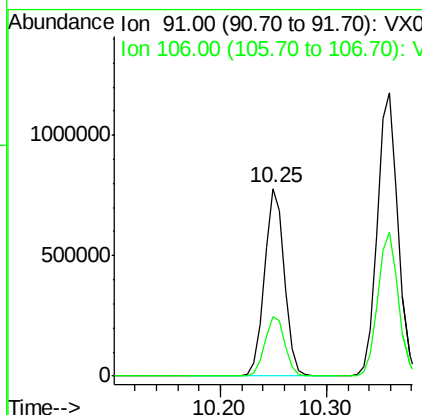
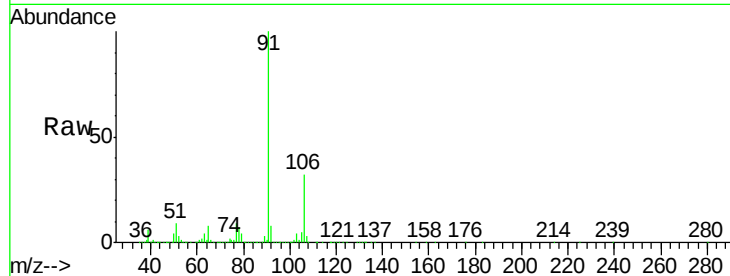
#67
Ethyl Benzene
Concen: 46.473 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 1017114
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0

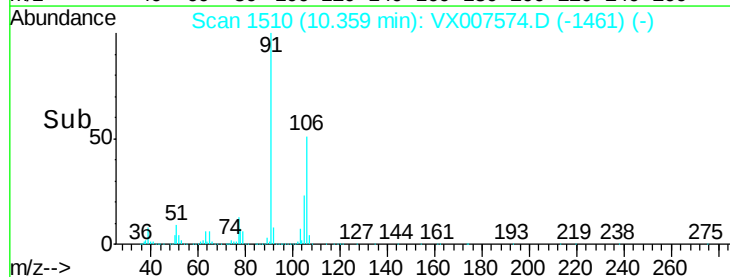
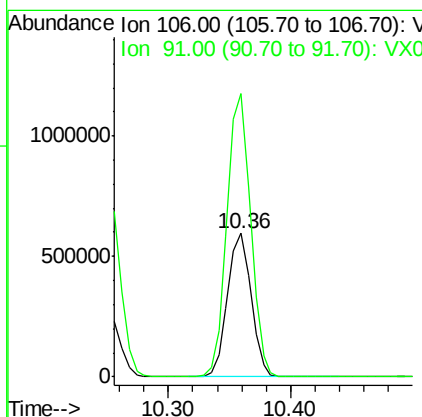
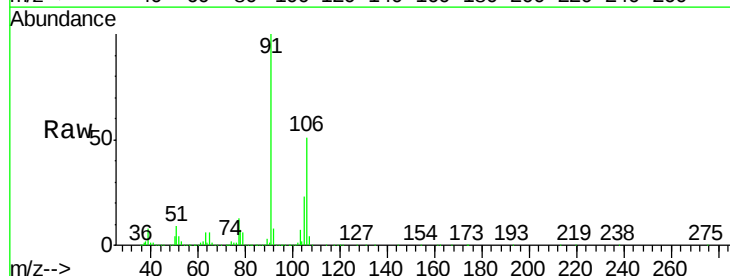
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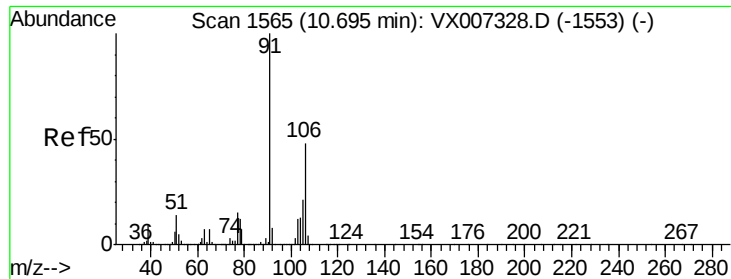
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#68
m/p-Xylenes
Concen: 91.795 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion: 106 Resp: 798621
Ion Ratio Lower Upper
106 100
91 197.3 156.6 234.8





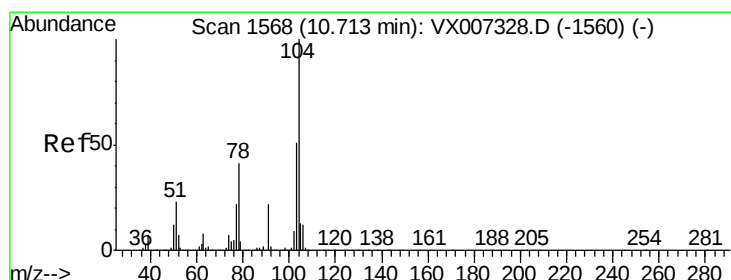
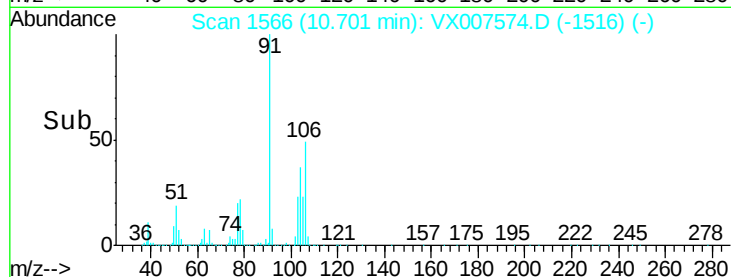
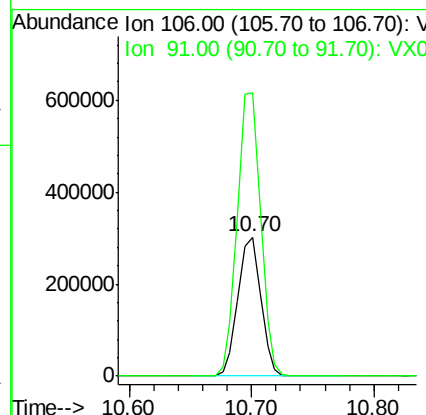
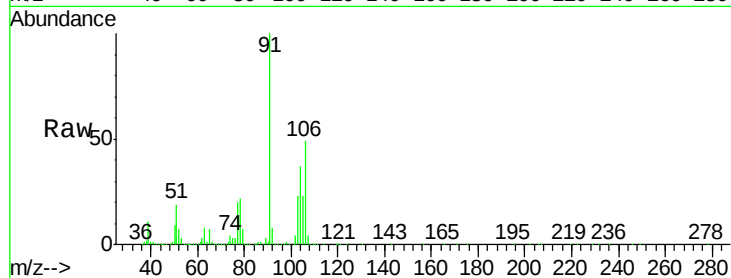
#69
o-Xylene
Concen: 46.927 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	207.2	102.9	308.7	

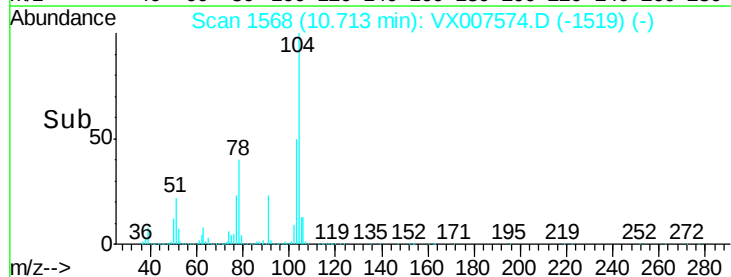
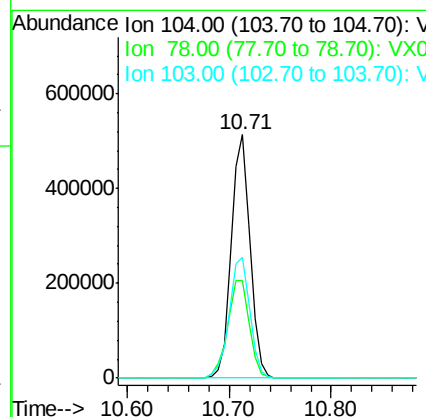
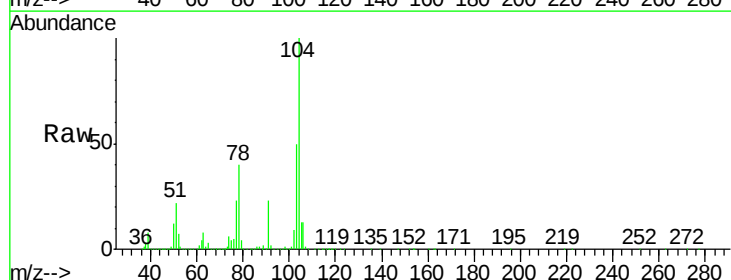
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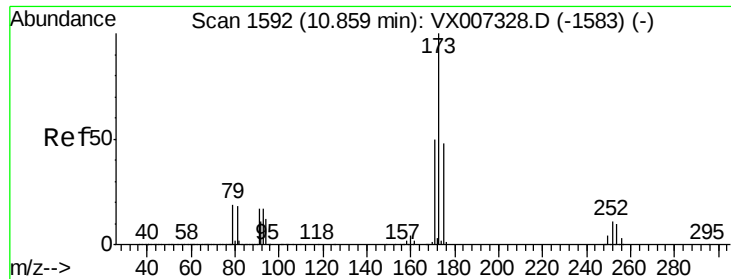
MMDadoda
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#70
Styrene
Concen: 47.859 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.9	38.3	57.5	
103	55.2	44.6	67.0	





#71

Bromoform

Concen: 45.733 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

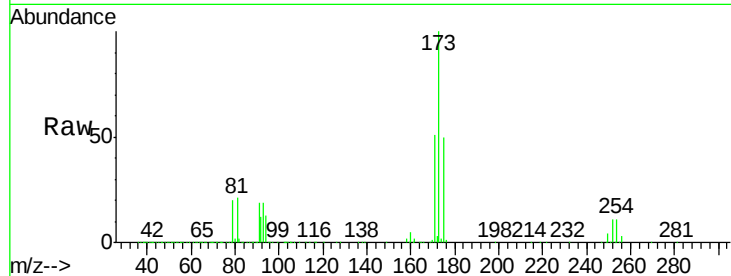
ClientSampleId :

VSTDCCC050EC

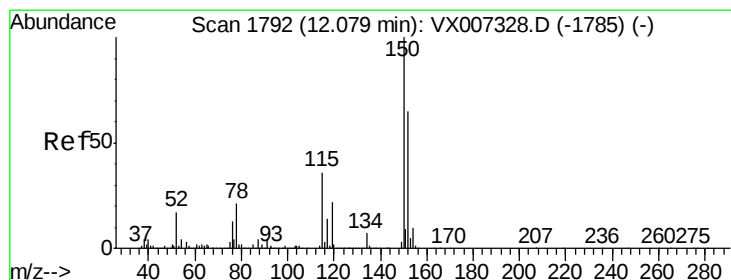
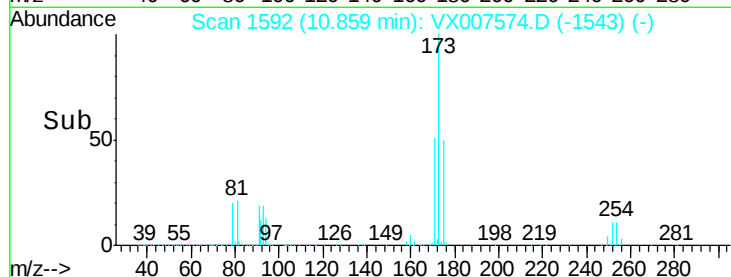
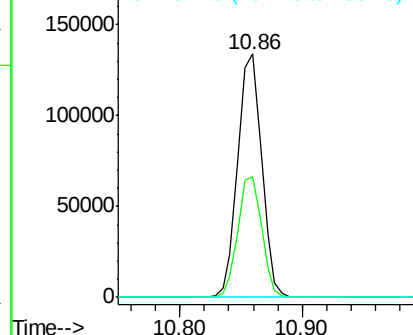
Tot Ion:	173	Resp:	181275
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.2	72.6
254	0.2	0.2	0.2

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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

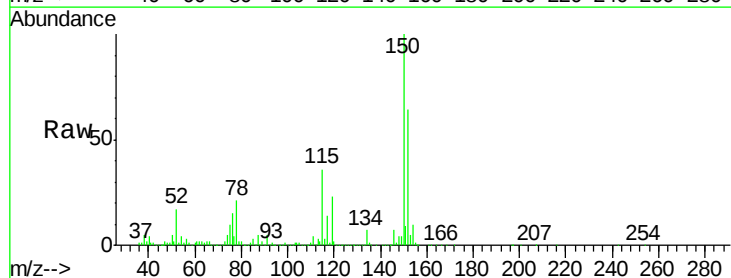
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

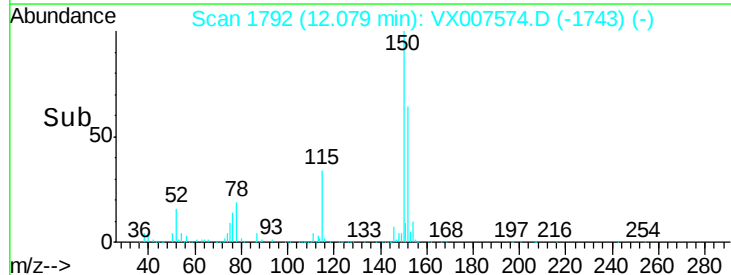
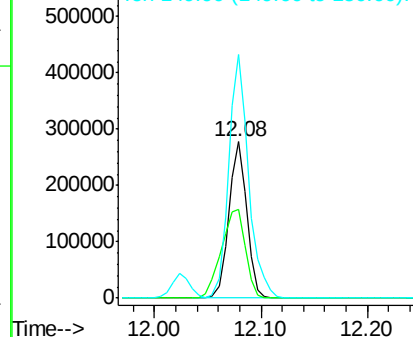
Lab File: VX007574.D

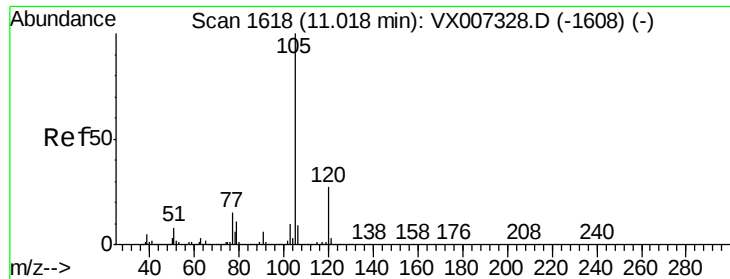
Acq: 15 Feb 2019 17:58

Tgt Ion:	152	Resp:	325451
Ion Ratio	Lower	Upper	
152	100		
115	76.0	38.0	114.0
150	172.4	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: 47.523 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1051018

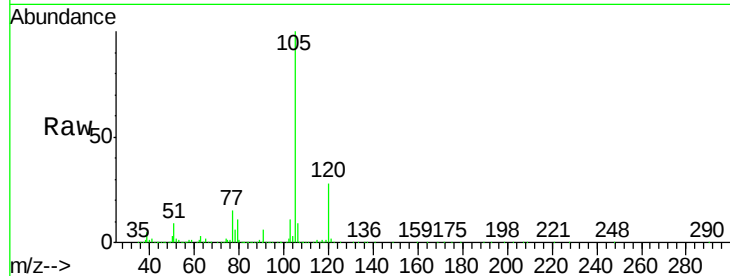
Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.7

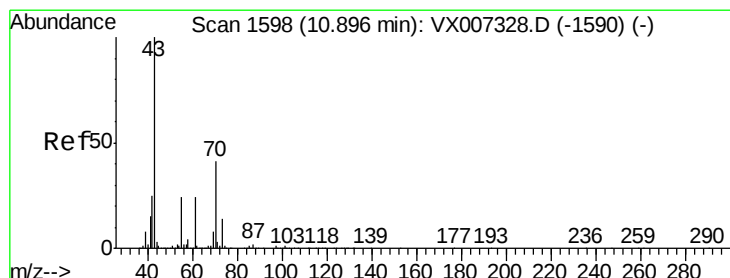
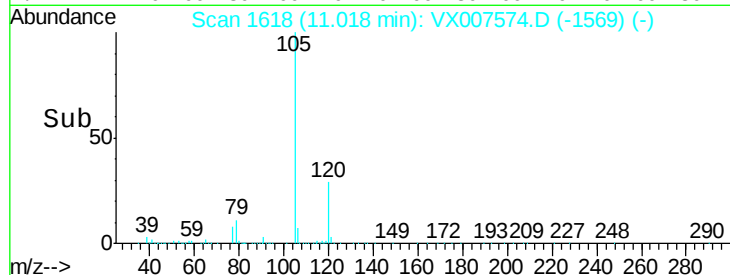
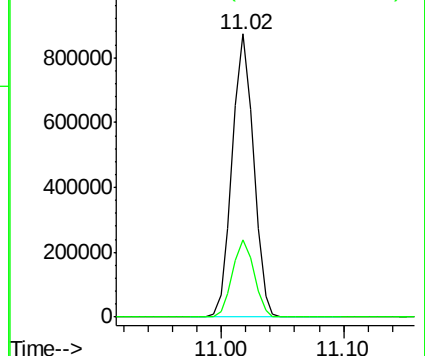
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.630 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion: 43 Resp: 433107

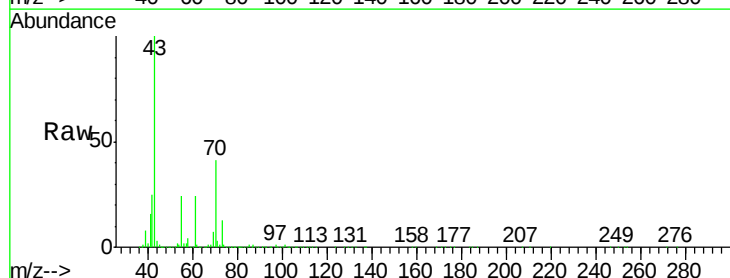
Ion Ratio Lower Upper

43 100

70 42.4 33.8 50.6

55 24.2 19.5 29.3

61 24.4 19.4 29.2

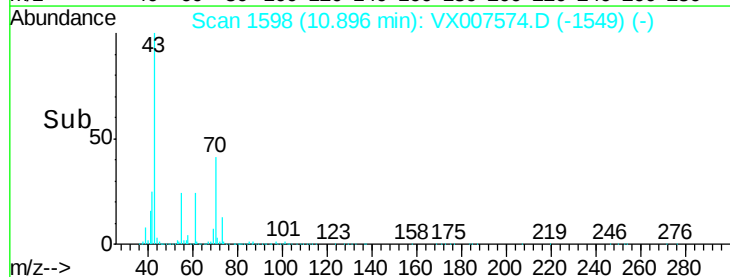
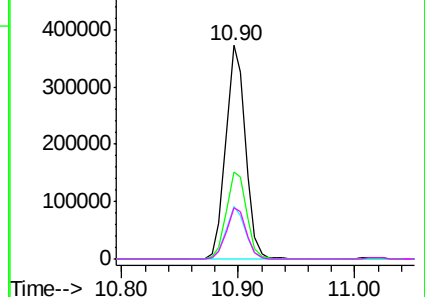


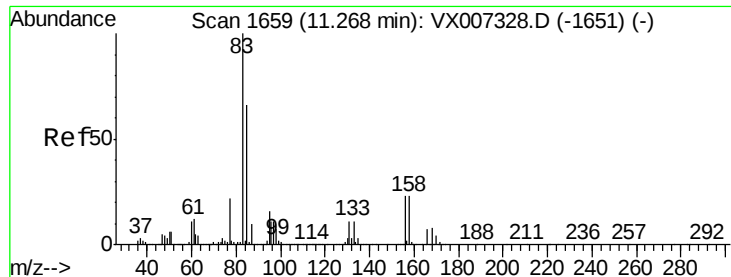
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.130 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

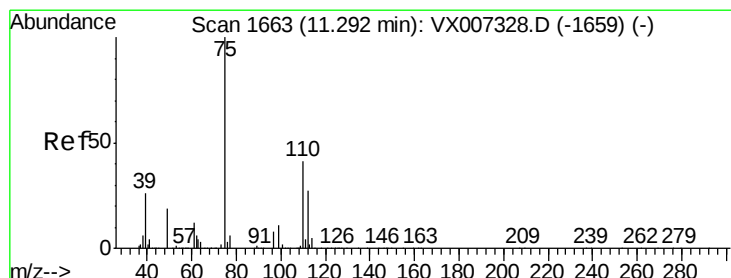
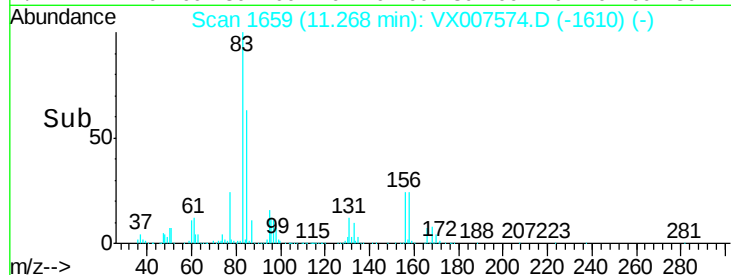
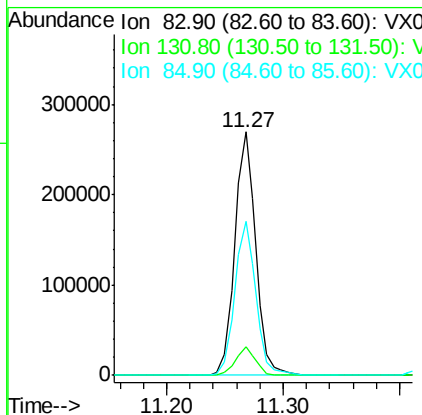
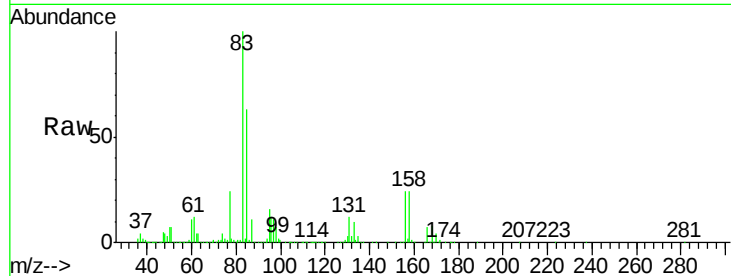
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	337880
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.0
85	63.7	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 50.907 ug/l m

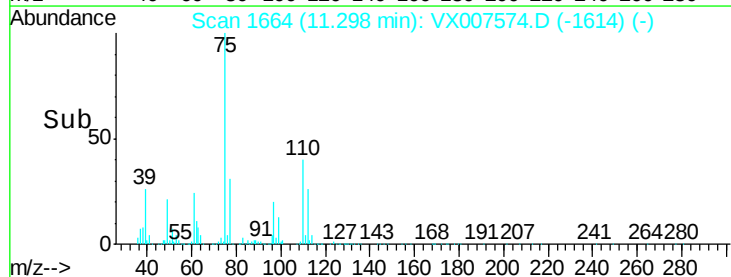
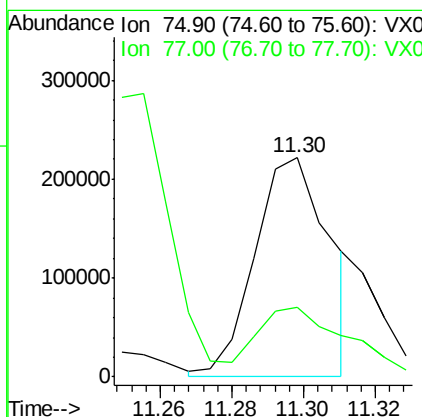
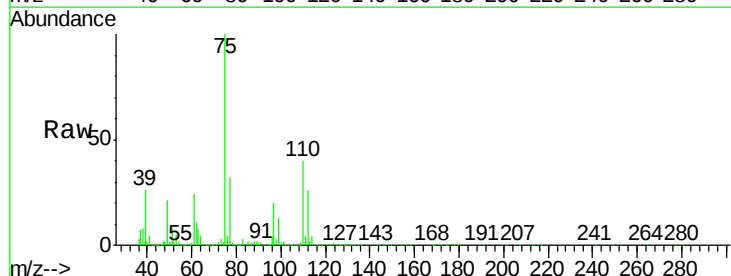
RT: 11.30 min Scan# 1664

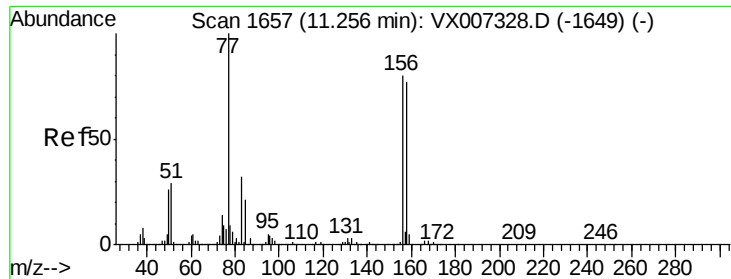
Delta R.T. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion:	75	Resp:	322265
Ion Ratio	Lower	Upper	
75	100		
77	38.1	23.0	69.0





#77

Bromobenzene

Concen: 45.751 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

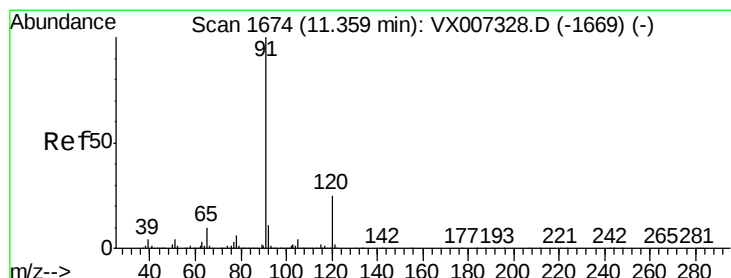
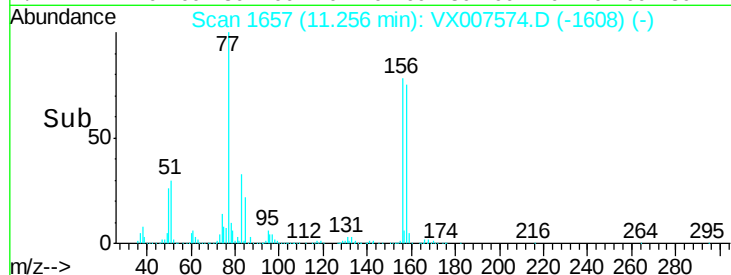
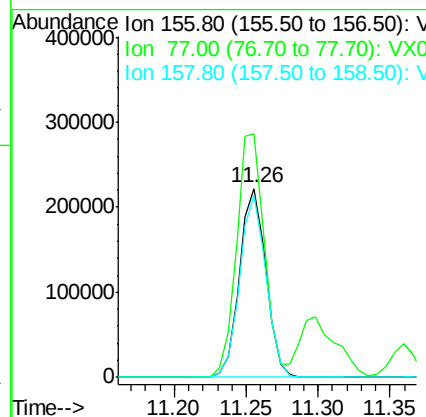
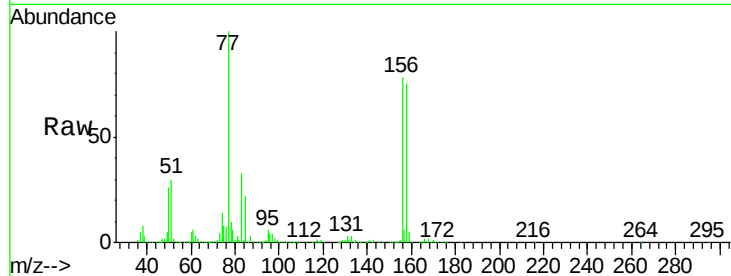
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	285088
Ion Ratio	Lower	Upper	
156	100		
77	137.1	66.8	200.6
158	96.3	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 48.409 ug/l

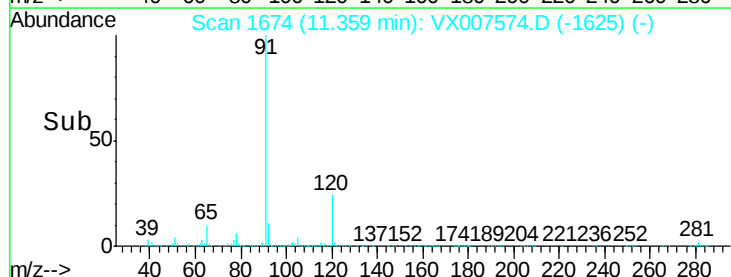
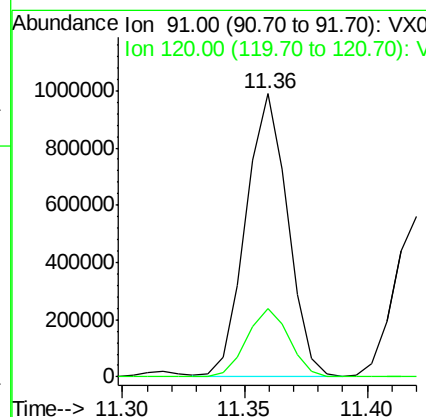
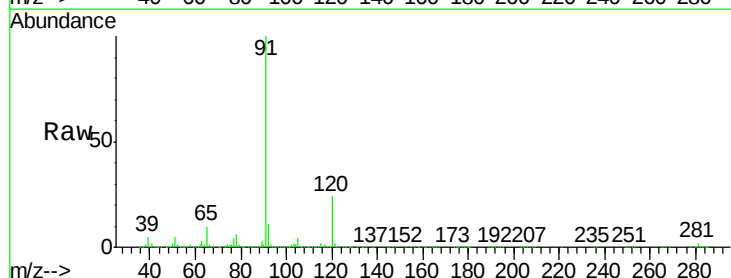
RT: 11.36 min Scan# 1674

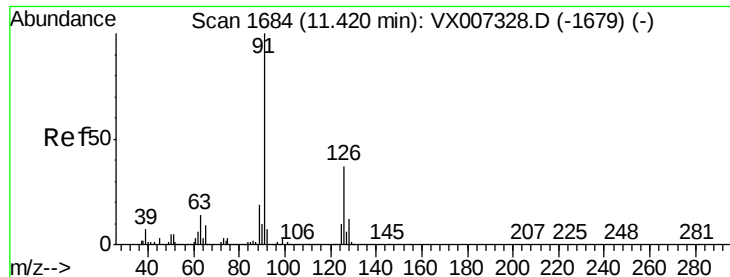
Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion:	91	Resp:	1174012
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.4	37.2





#79

2-Chlorotoluene

Concen: 46.684 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 686981

Ion Ratio Lower Upper

91 100

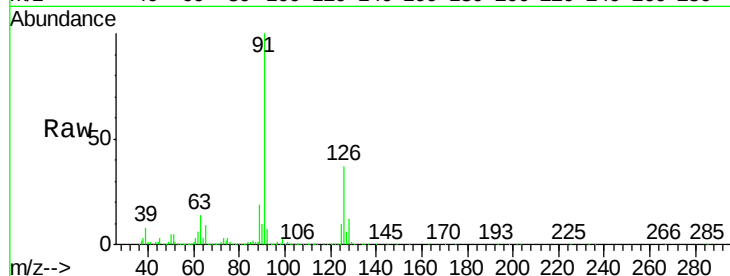
126 36.8 18.7 56.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007328.D (-1679) (-)

1000000

800000

600000

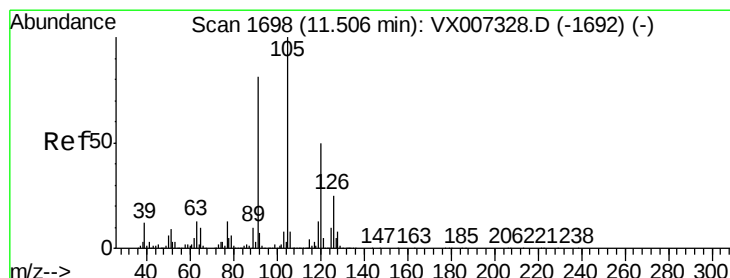
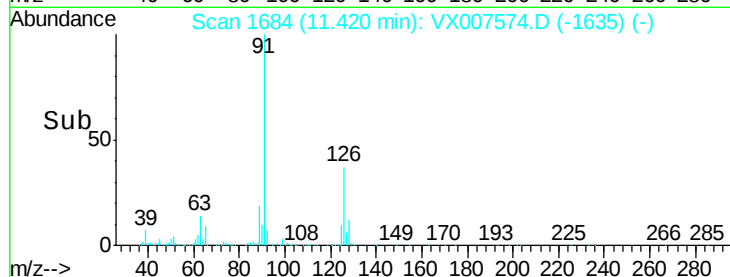
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.918 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007574.D

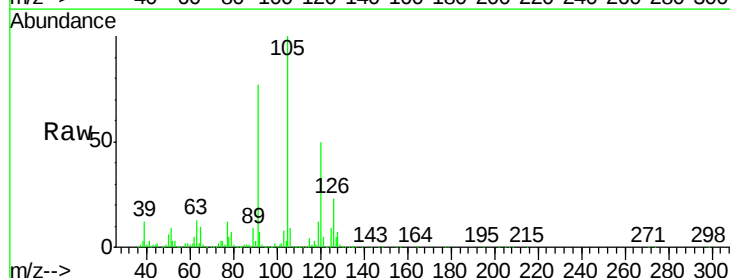
Acq: 15 Feb 2019 17:58

Tgt Ion: 105 Resp: 867021

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007328.D (-1692) (-)

800000

600000

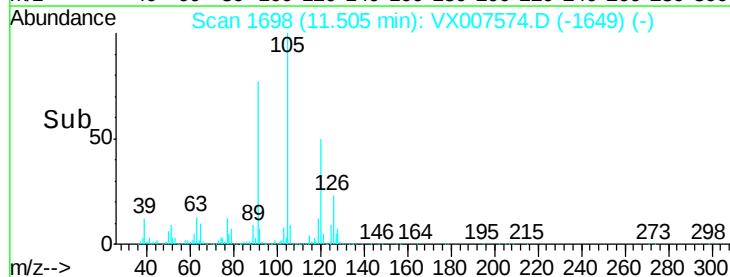
400000

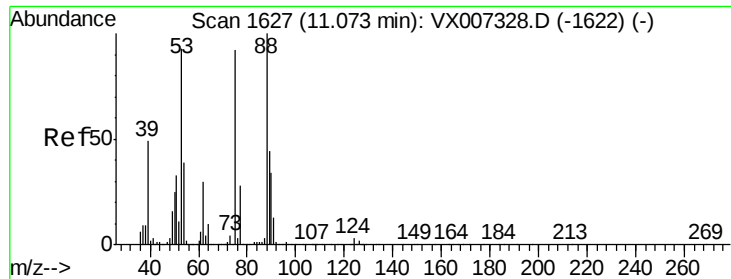
200000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.373 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

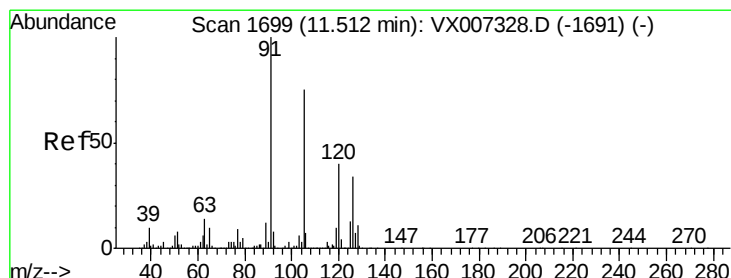
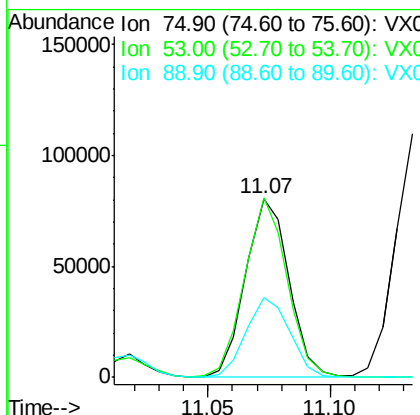
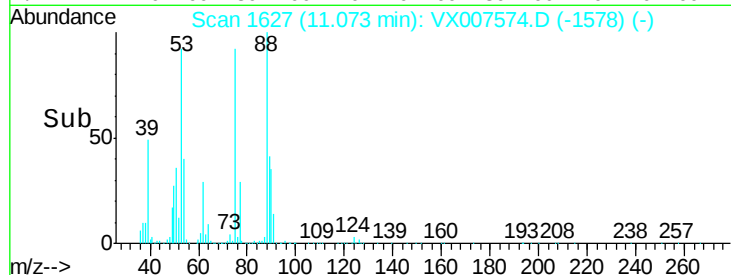
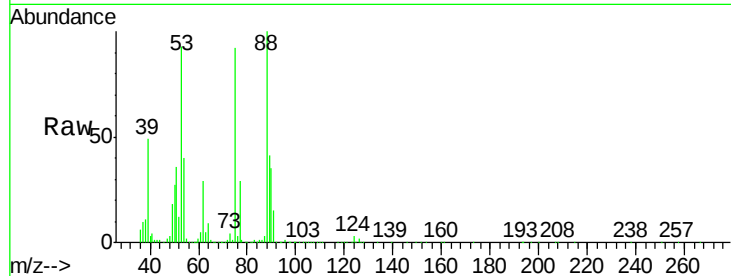
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	98763
Ion	Ratio	Lower	Upper
75	100		
53	98.9	81.0	121.6
89	46.3	41.4	62.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.607 ug/l

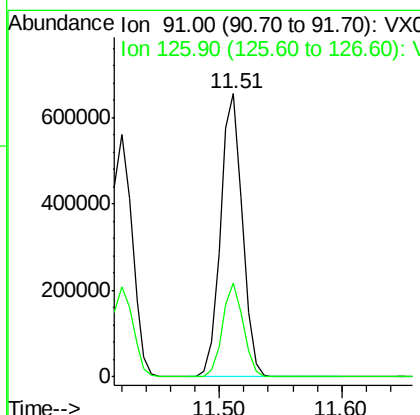
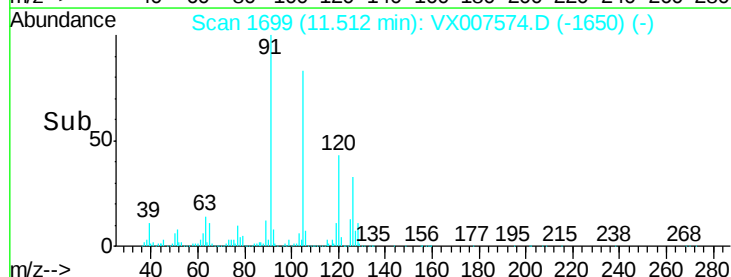
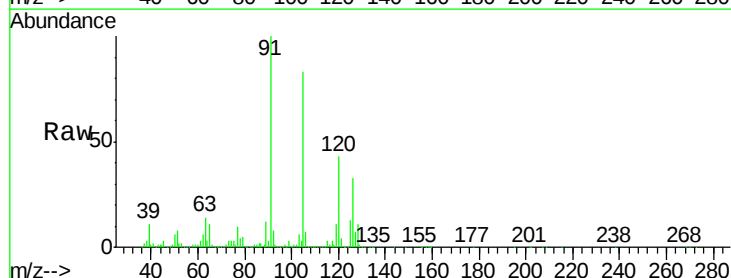
RT: 11.51 min Scan# 1699

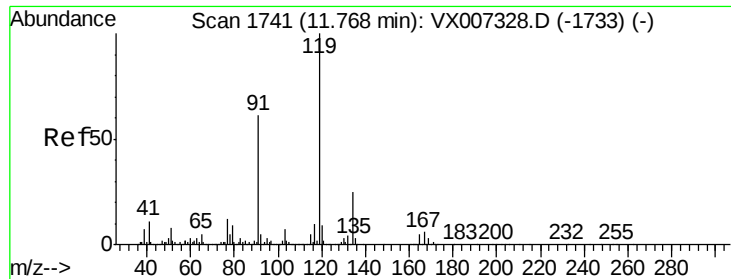
Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion:	91	Resp:	810614
Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.2	48.5





#83

tert-Butylbenzene

Concen: 48.825 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

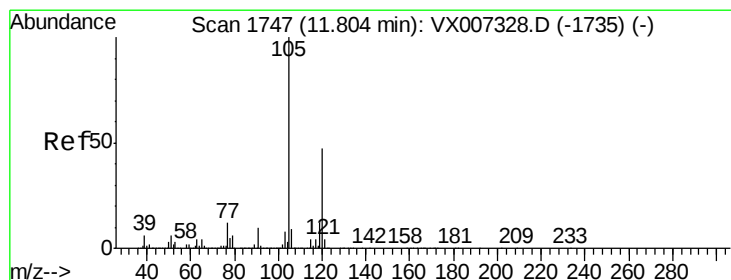
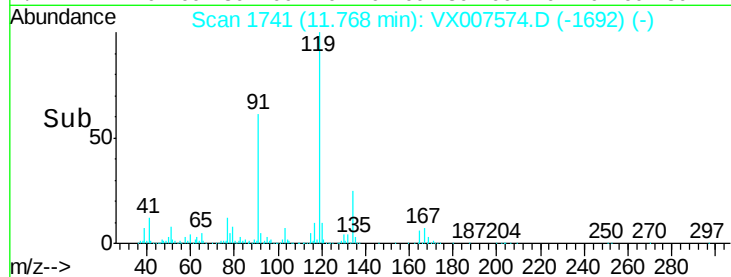
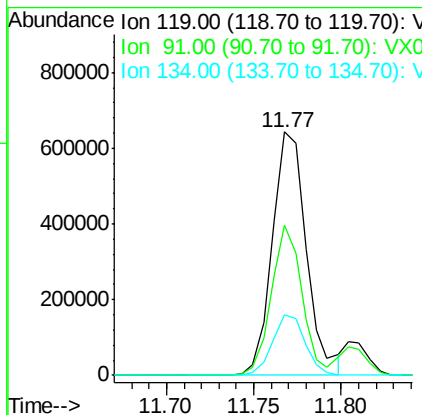
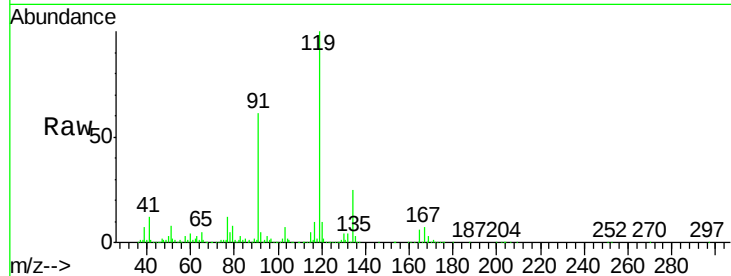
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	874650
Ion Ratio	Lower	Upper	
119	100		
91	55.0	28.5	85.6
134	23.6	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.228 ug/l

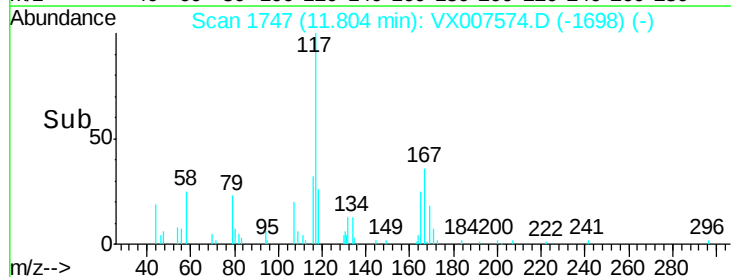
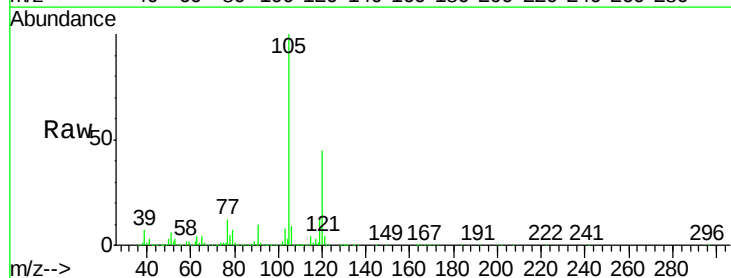
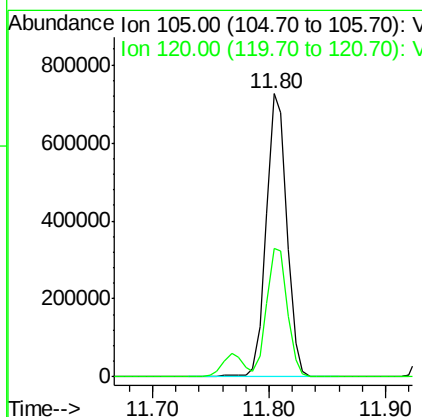
RT: 11.80 min Scan# 1747

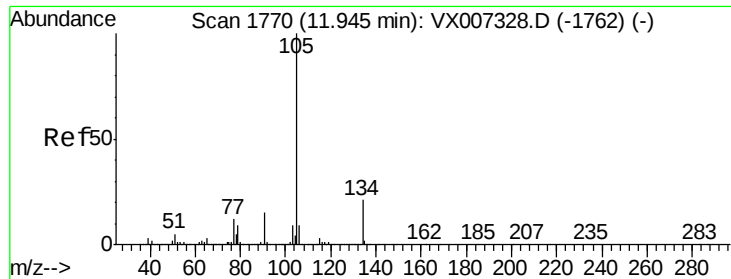
Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Tgt Ion:	105	Resp:	885922
Ion Ratio	Lower	Upper	
105	100		
120	45.6	23.1	69.3





#85

sec-Butylbenzene

Concen: 48.386 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1049069

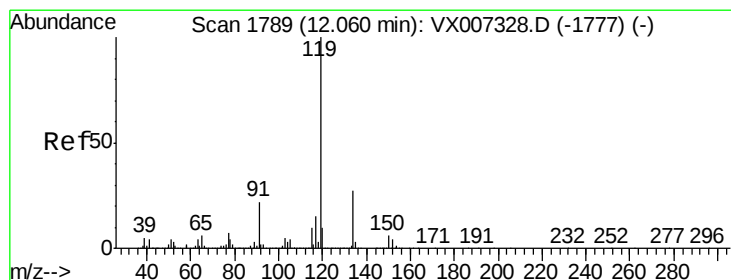
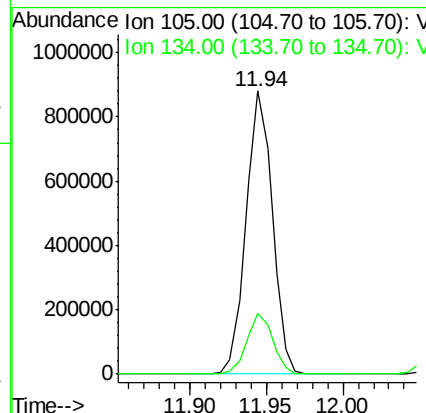
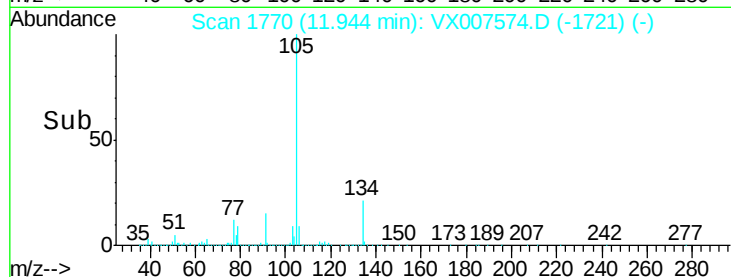
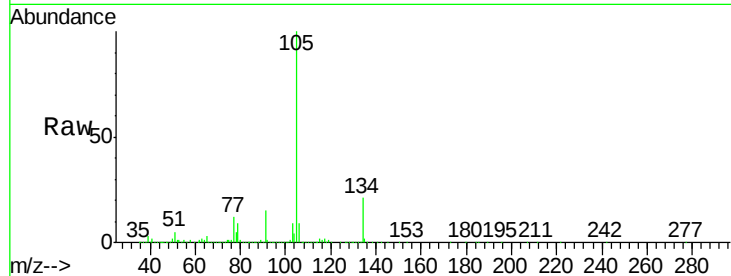
Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 48.136 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007574.D

Acq: 15 Feb 2019 17:58

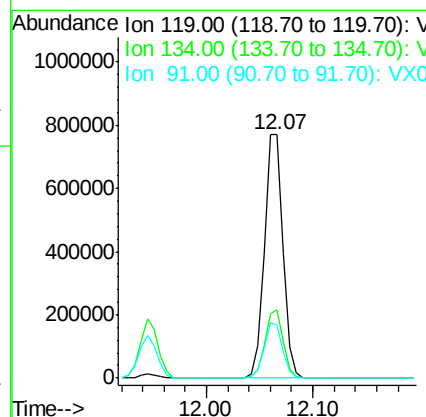
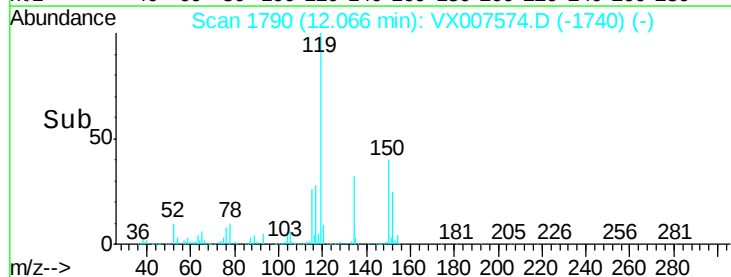
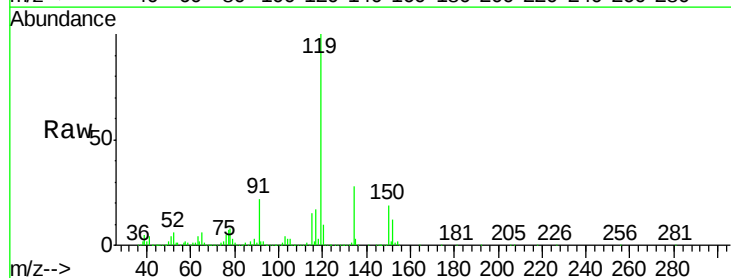
Tgt Ion:119 Resp: 942103

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.4 11.2 33.5





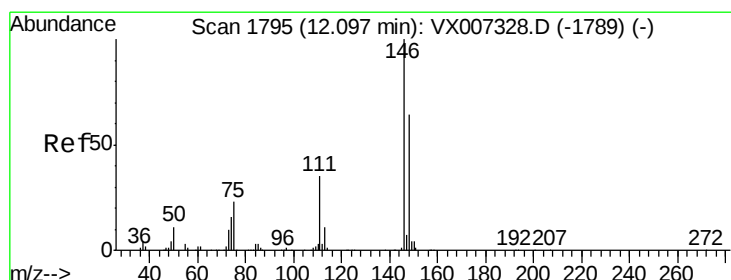
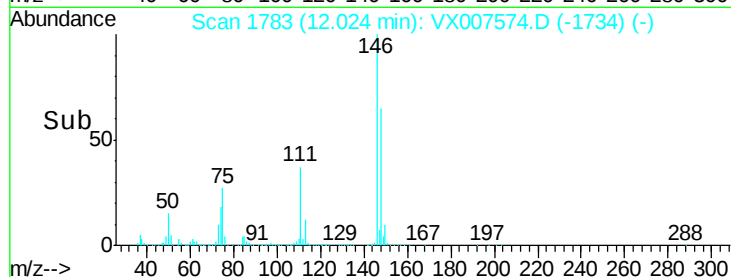
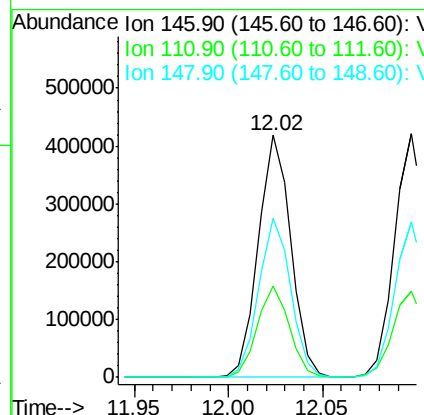
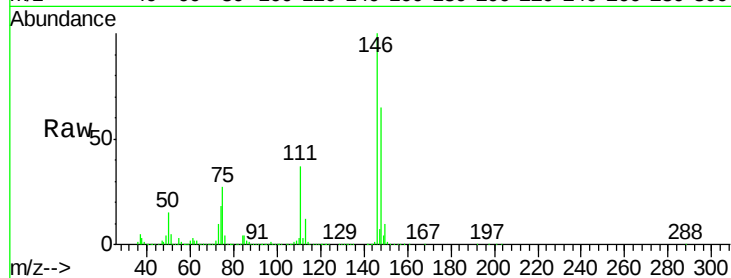
#87
 1,3-Dichlorobenzene
 Concen: 44.910 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	64.7	32.0	96.2

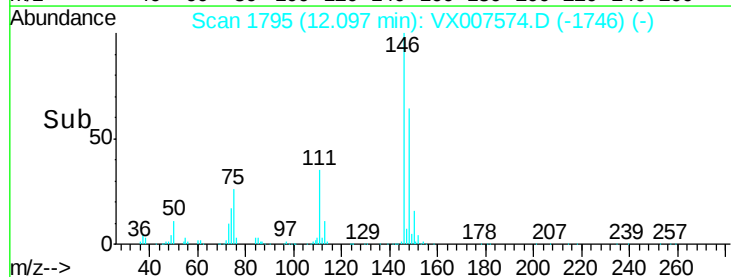
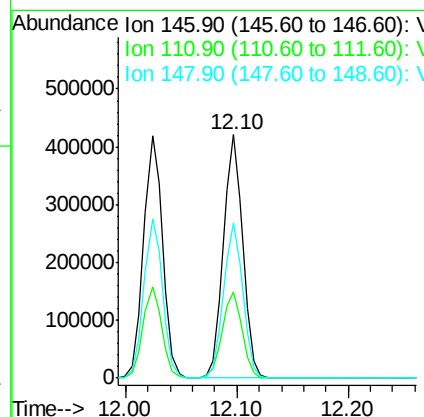
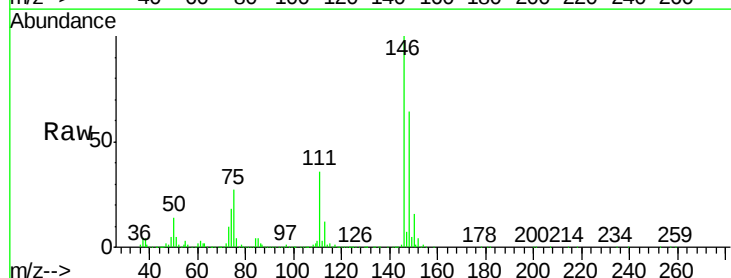
Manual Integrations
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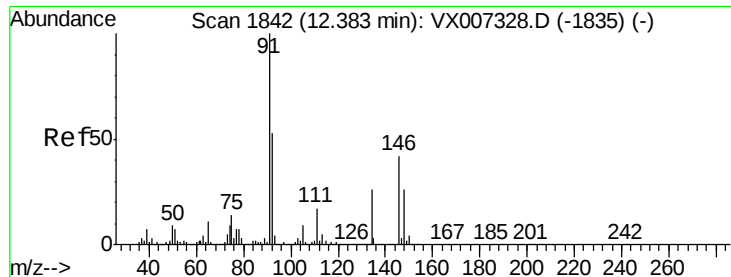
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 44.559 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	63.8	32.3	96.9





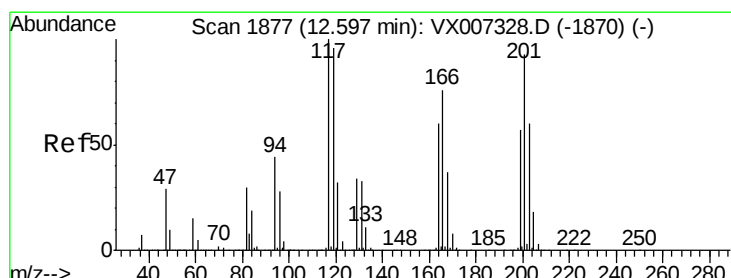
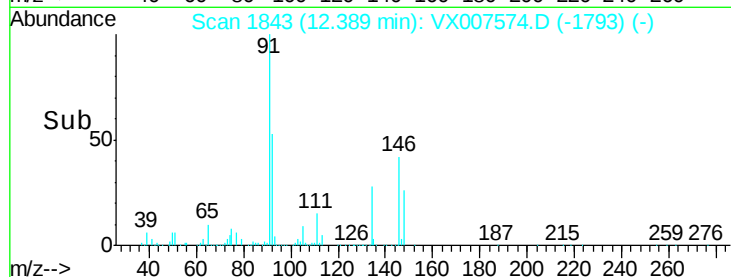
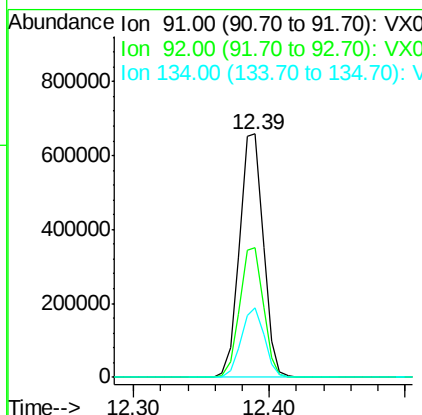
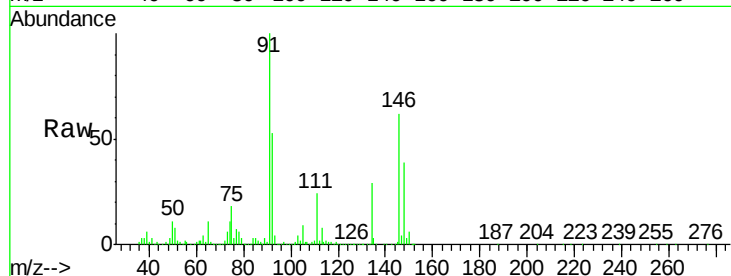
#89
n-Butylbenzene
Concen: 47.695 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.9
134	27.8	13.9	41.6

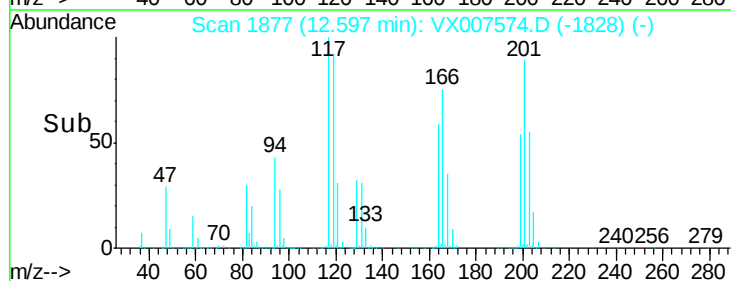
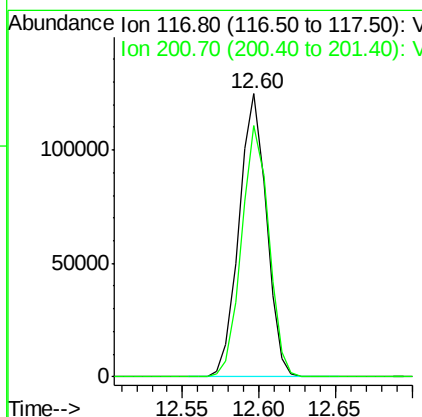
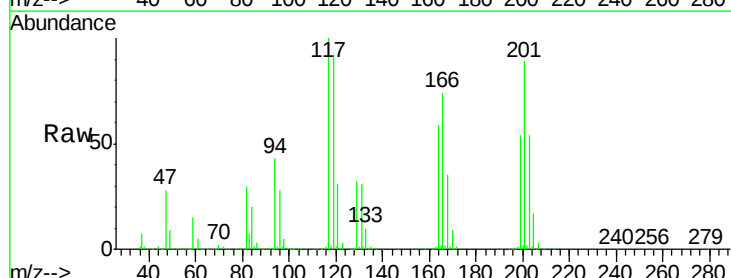
Manual Integrations
APPROVED

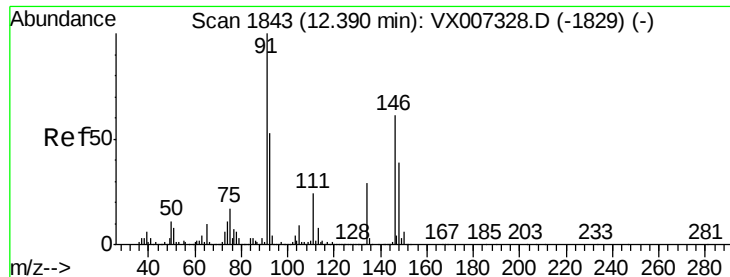
MMDadoda
2/18/2019 10:40:48 AM



#90
Hexachloroethane
Concen: 52.950 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.2	44.9	134.7





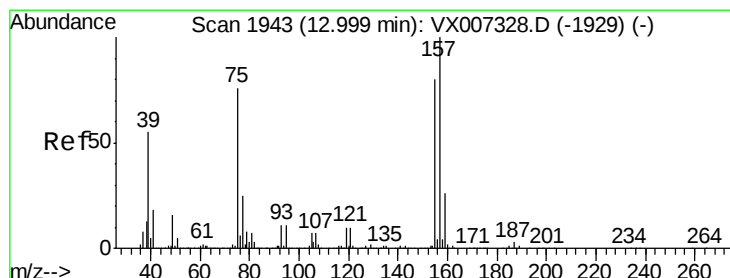
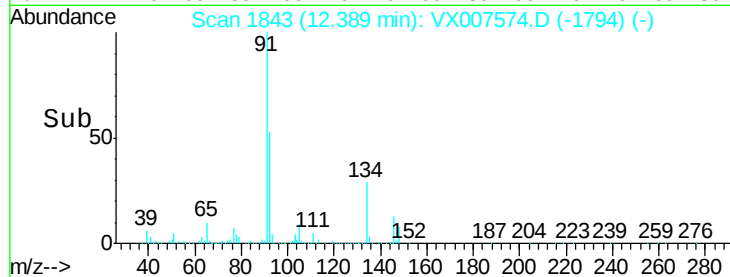
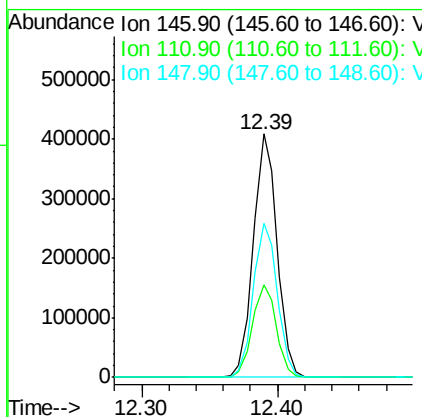
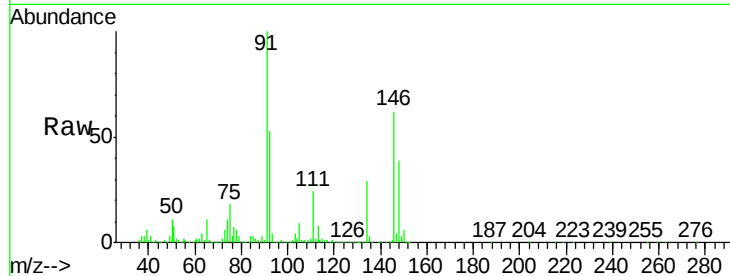
#91
 1,2-Dichlorobenzene
 Concen: 45.211 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	503170		
111	38.3	19.1	57.3	
148	64.1	32.1	96.3	

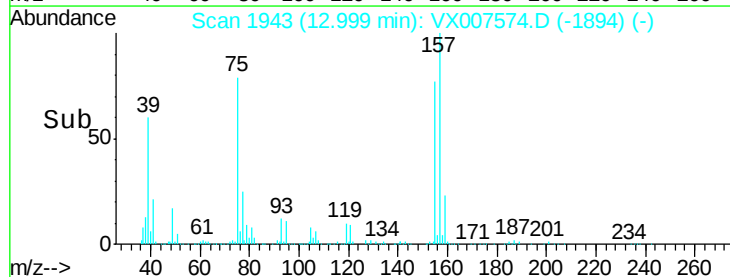
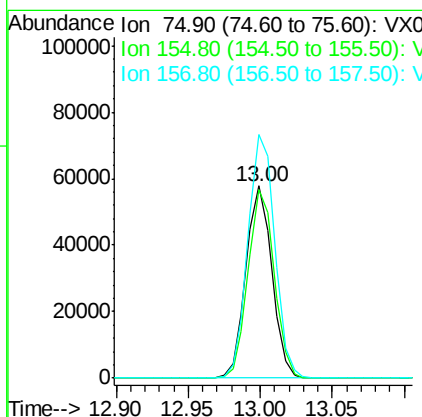
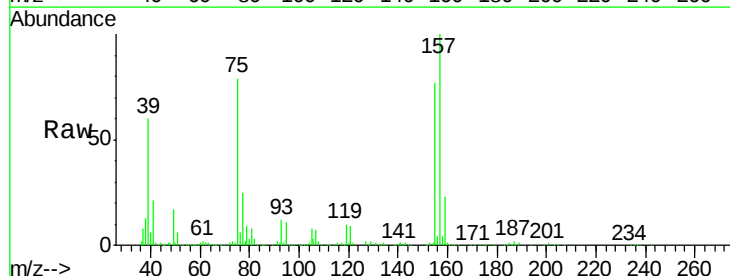
Manual Integrations
 APPROVED

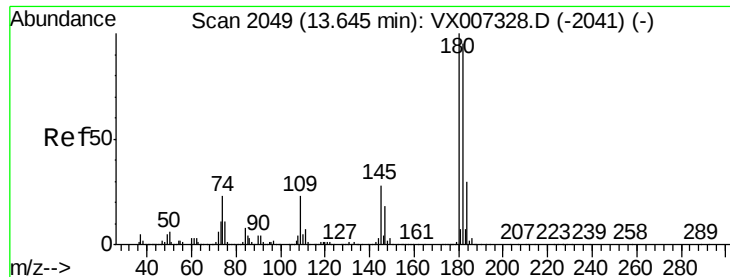
MMDadoda
 2/18/2019 10:40:48 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.466 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72129		
155	98.9	49.6	149.0	
157	130.3	65.1	195.3	





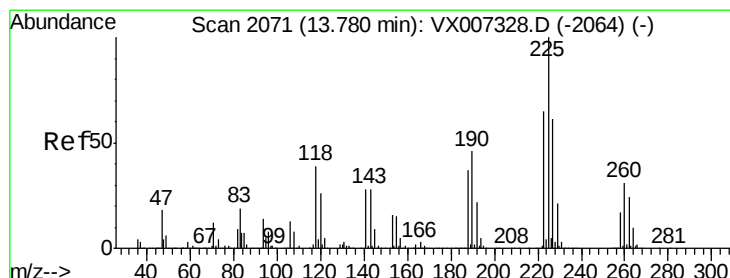
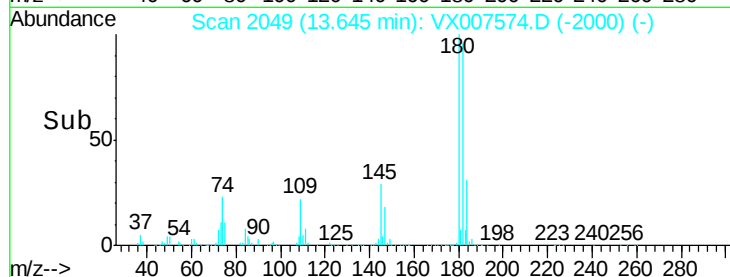
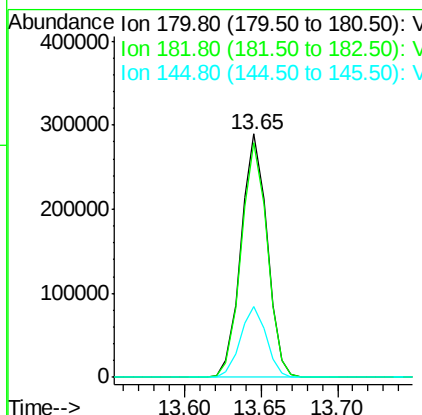
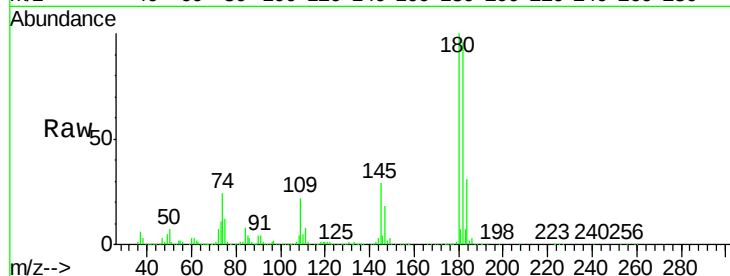
#93
 1,2,4-Trichlorobenzene
 Concen: 45.568 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.3
145	29.1	14.1	42.2

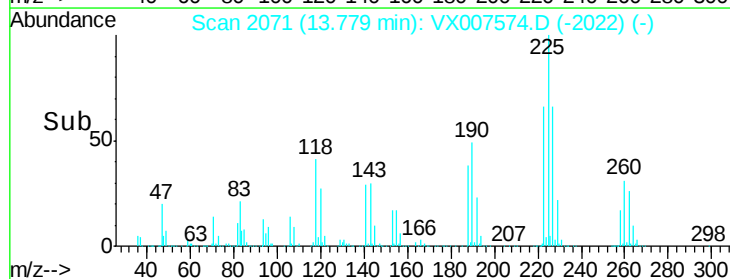
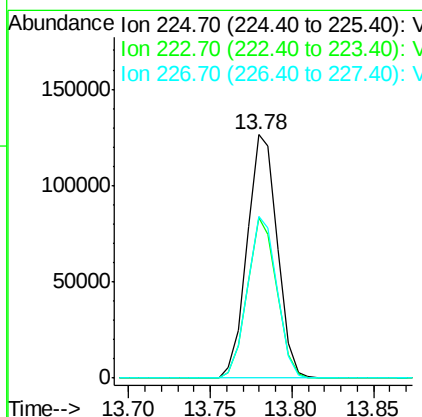
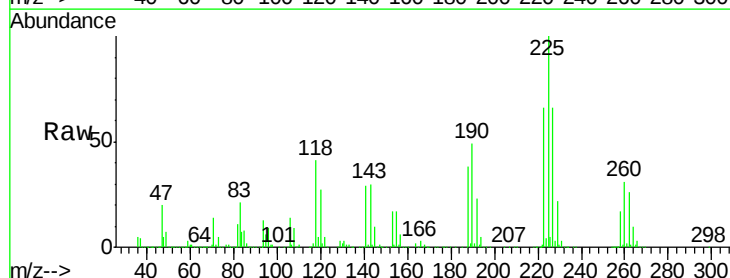
Manual Integrations
 APPROVED

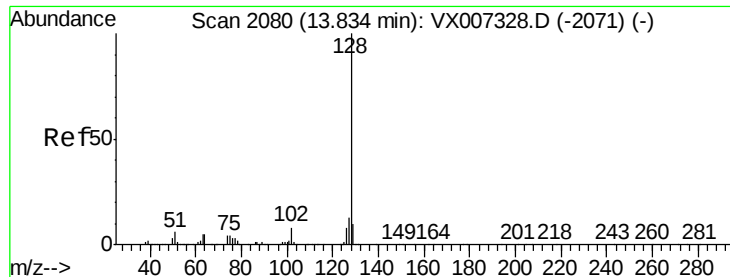
MMDadoda
 2/18/2019 10:40:48 AM



#94
 Hexachlorobutadiene
 Concen: 44.679 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007574.D
 Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.6	94.8
227	64.9	32.1	96.3





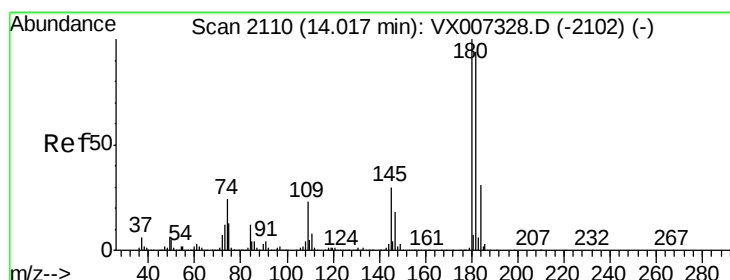
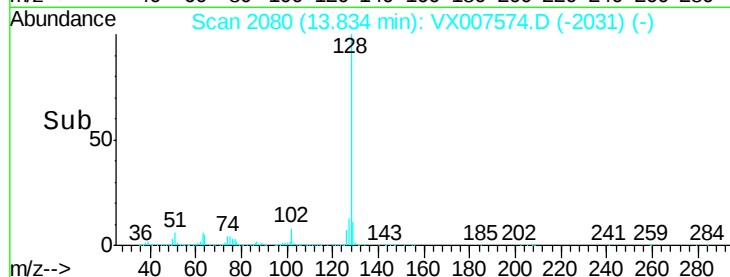
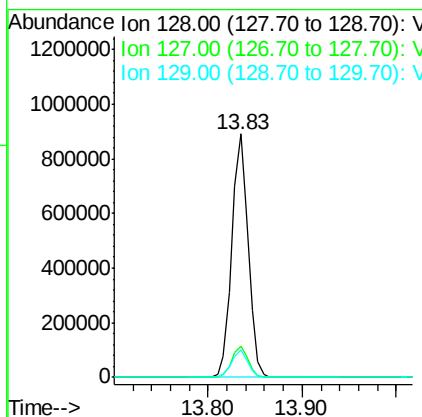
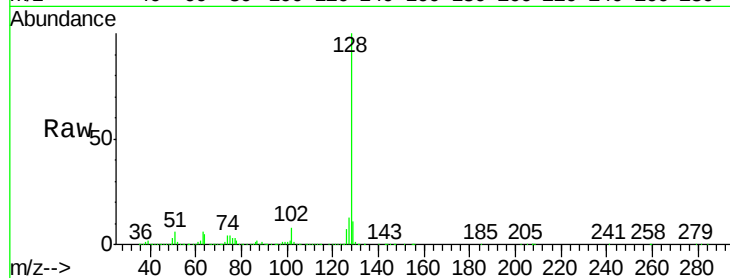
#95
Naphthalene
Concen: 48.868 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/18/2019 10:40:48 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.065 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007574.D
Acq: 15 Feb 2019 17:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	30.2	14.9	44.5

