

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007575.D
 Acq On : 15 Feb 2019 18:24
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 10:40:54 AM

Quant Time: Feb 16 04:01:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	80094	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	426336	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	376489	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	154684	29.86	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.53%
60) 4-Bromofluorobenzene	11.13	95	175549	30.38	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.27%
63) Toluene-d8	8.71	98	514566	30.24	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	81889	20.190	ug/l 100
3) Chloromethane	1.33	50	89927	20.174	ug/l 100
4) Vinyl Chloride	1.41	62	103220	20.587	ug/l 98
5) Bromomethane	1.64	94	79801	17.823	ug/l 100
6) Chloroethane	1.73	64	66987	19.654	ug/l 98
7) Trichlorofluoromethane	1.93	101	159784	20.330	ug/l 97
8) Diethyl Ether	2.19	74	61681	19.646	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90586	20.428	ug/l 99
10) 1,1-Dichloroethene	2.38	96	89342	20.304	ug/l 94
11) Methyl Iodide	2.51	142	116249	18.382	ug/l 98
12) Methyl Acetate	2.78	43	116952	19.273	ug/l 98
13) Acrolein	2.30	56	105570	99.732	ug/l 97
14) Acrylonitrile	3.15	53	270018	96.572	ug/l 99
15) Acetone	2.45	58	78469	103.411	ug/l 90
16) Carbon Disulfide	2.57	76	229152	19.638	ug/l 100
17) Allyl chloride	2.73	41	155823	20.669	ug/l 98
18) Methylene Chloride	2.86	84	98835	19.973	ug/l 94
19) trans-1,2-Dichloroethene	3.17	96	93279	19.820	ug/l 93
20) Diisopropyl ether	3.87	45	281094	19.729	ug/l 97
21) 1,1-Dichloroethane	3.70	63	157588	19.729	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	104761	20.002	ug/l 97
23) tert-Butyl Alcohol	3.07	59	115914	98.634	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	302659	19.820	ug/l 99
25) Chloroform	5.22	83	166818	19.774	ug/l 96
26) Cyclohexane	5.58	56	133818	19.979	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	121235	20.386	ug/l 98
30) 2-Butanone	4.70	43	356194	101.210	ug/l 100
31) 2,2-Dichloropropane	4.59	77	115624	23.931	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	140447	19.759	ug/l 99
33) Carbon Tetrachloride	5.78	117	122948	19.567	ug/l 95
34) Benzene	6.14	78	373626	19.929	ug/l 96
35) Methacrylonitrile	5.06	41	71806	19.623	ug/l 96
36) 1,2-Dichloroethane	6.20	62	123993	19.434	ug/l 99
37) Trichloroethene	7.21	130	108948	20.213	ug/l 98
38) Methylcyclohexane	7.46	83	144060	20.926	ug/l 99
39) 1,2-Dichloropropane	7.52	63	92396	19.814	ug/l 100
40) Dibromomethane	7.66	93	64629	19.190	ug/l 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	115116	19.261	ug/l	98
42) Vinyl Acetate	3.82	43	1251386	101.585	ug/l	100
43) Ethyl Acetate	4.85	43	138576m	20.561	ug/l	
44) Isopropyl Acetate	6.46	43	207565	19.947	ug/l	100
45) 1,4-Dioxane	7.75	88	47028	382.939	ug/l	97
46) Methyl methacrylate	7.77	41	105836	20.085	ug/l	93
47) n-amyl Acetate	10.90	43	183636	20.022	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	119986	19.447	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	137699	20.042	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	97102	19.774	ug/l	96
51) Ethyl methacrylate	9.18	69	145192	20.395	ug/l	100
52) 1,3-Dichloropropane	9.37	76	160925	20.317	ug/l	99
53) Dibromochloromethane	9.58	129	97754	19.139	ug/l	99
54) 1,2-Dibromoethane	9.67	107	106432	19.794	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	377062	104.177	ug/l	99
56) Bromoform	10.86	173	71977	18.683	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	695038	102.635	ug/l	100
59) 2-Hexanone	9.49	43	535484	104.104	ug/l	99
61) Tetrachloroethene	9.34	164	110079	20.596	ug/l	98
62) Toluene	8.79	91	412775	20.131	ug/l	99
64) Chlorobenzene	10.14	112	269707	20.241	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	94847	19.652	ug/l	98
66) Ethyl Benzene	10.25	91	434534	19.971	ug/l	100
67) m/p-Xylenes	10.36	106	336676	39.450	ug/l	98
68) o-Xylene	10.70	106	165971	19.940	ug/l	99
69) Styrene	10.71	104	268859	20.017	ug/l	99
70) Isopropylbenzene	11.02	105	440553	20.063	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	149086	20.538	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	137947m	20.785	ug/l	
73) Bromobenzene	11.26	156	121637	20.289	ug/l	99
74) n-propylbenzene	11.36	91	492591	20.203	ug/l	99
75) 2-Chlorotoluene	11.42	91	296204	20.318	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	357340	19.935	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	38835	20.271	ug/l	91
78) 4-Chlorotoluene	11.51	91	336496	20.222	ug/l	99
79) tert-butylbenzene	12.06	119	380932	20.013	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	366856	20.161	ug/l	100
81) sec-Butylbenzene	11.94	105	428677	20.026	ug/l	98
82) p-Isopropyltoluene	12.06	119	380932	20.013	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	207617	19.699	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	209842	19.952	ug/l	98
85) n-Butylbenzene	12.38	91	312986	19.816	ug/l	99
86) Hexachloroethane	12.60	117	60638	19.189	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	209265	19.782	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	28572	18.861	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	139090	20.020	ug/l	99
90) Hexachlorobutadiene	13.78	225	68378	21.065	ug/l	99
91) Naphthalene	13.83	128	436407	19.695	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	141508	20.036	ug/l	98

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VSTDCCC020EC

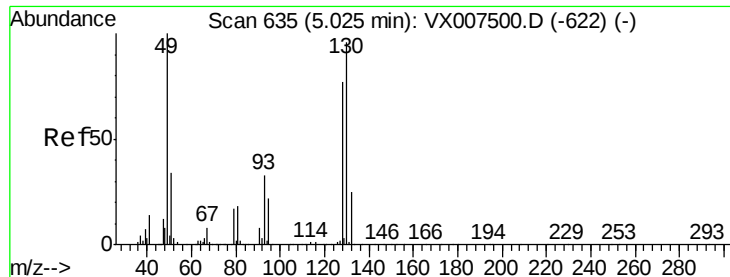
Manual Integrations
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QLast Update : Wed Feb 13 07:51:18 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

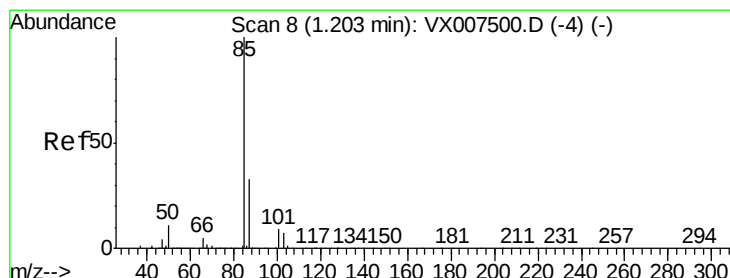
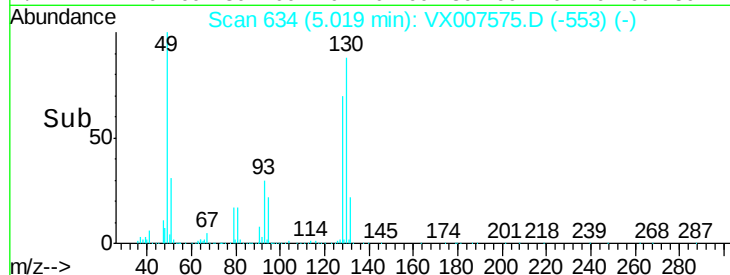
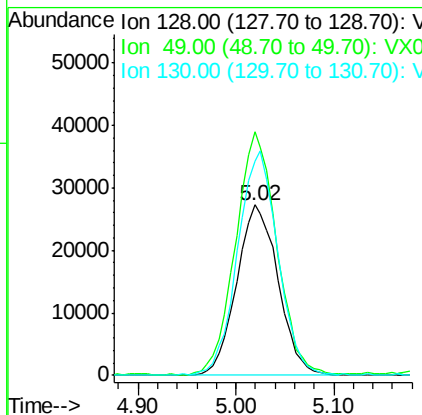
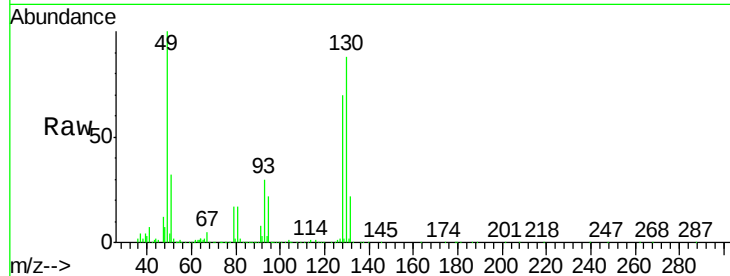
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	141.2	0.0	350.8
130	128.1	0.0	325.8

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#2

Dichlorodifluoromethane

Concen: 20.190 ug/l

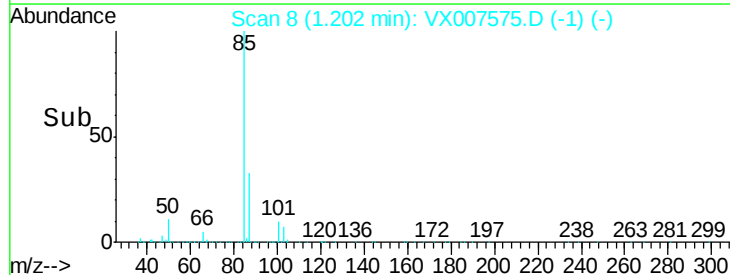
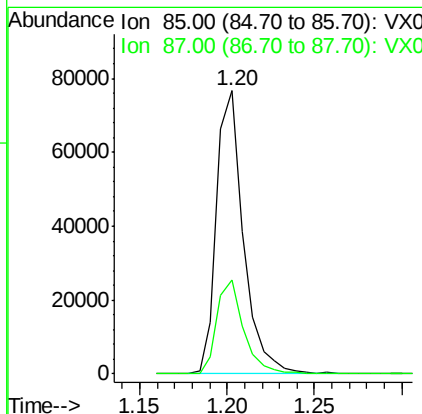
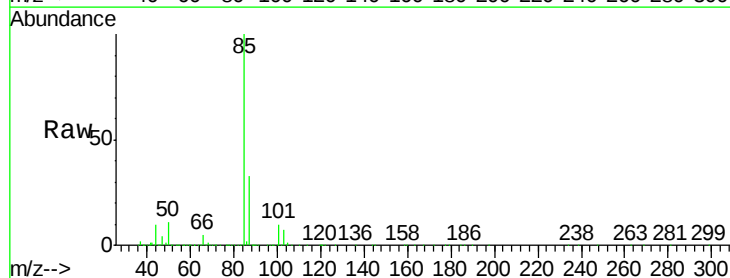
RT: 1.20 min Scan# 8

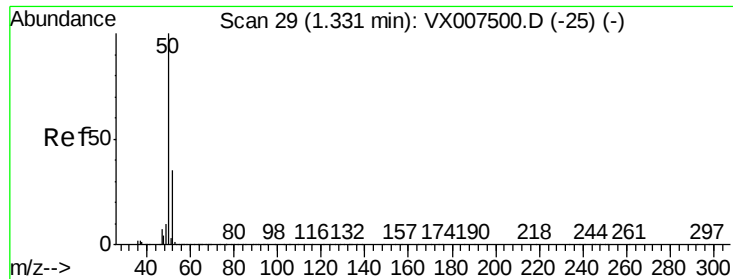
Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.6	49.8





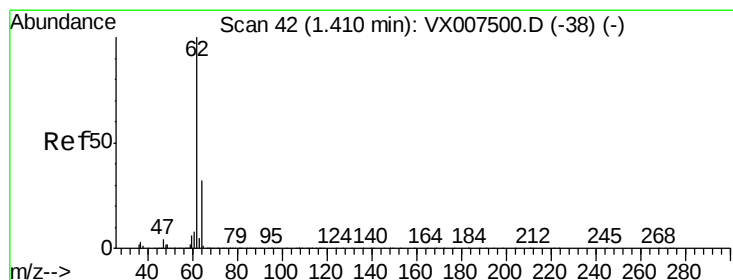
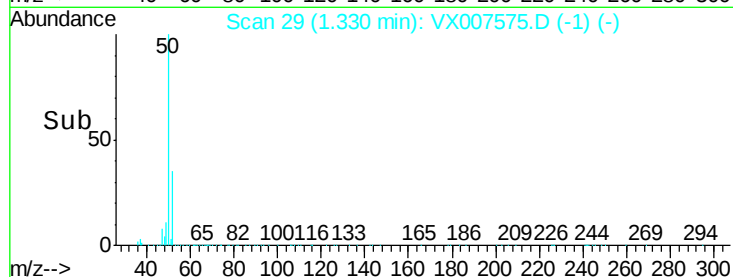
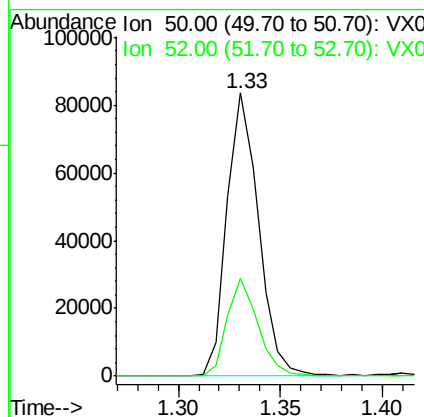
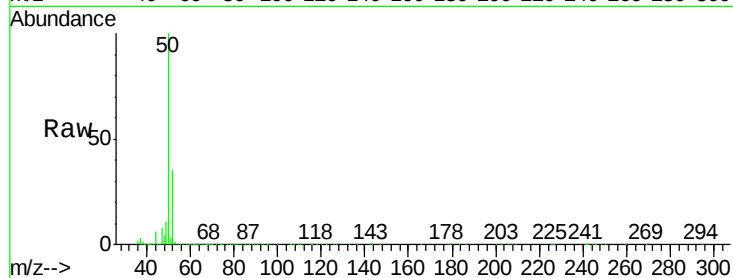
#3
Chloromethane
Concen: 20.174 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	34.3	27.5	41.3

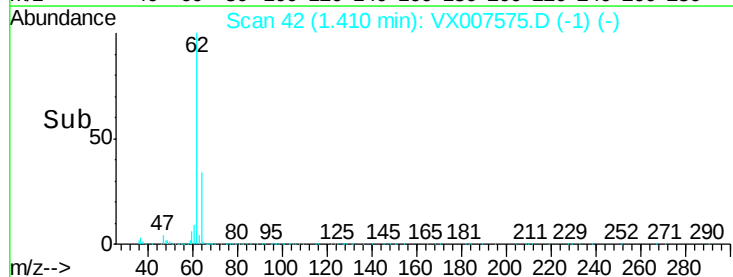
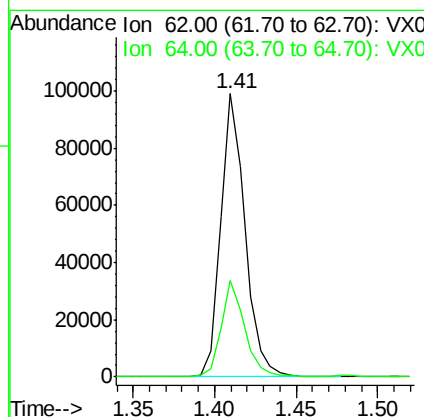
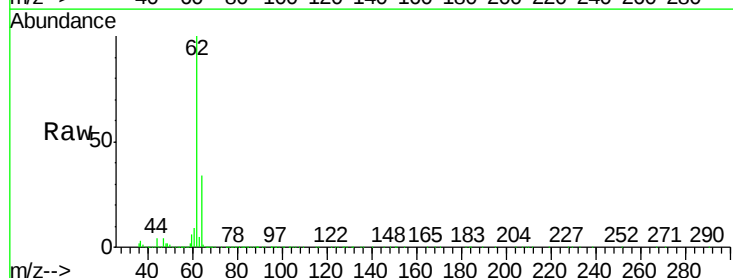
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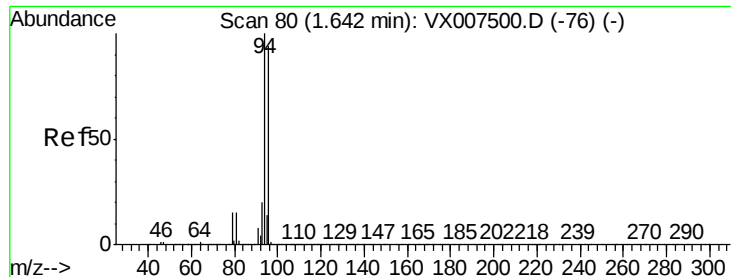
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#4
Vinyl Chloride
Concen: 20.587 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.6	25.9	38.9





#5

Bromomethane

Concen: 17.823 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 79801

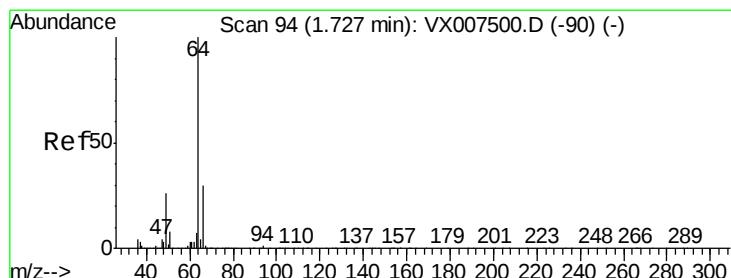
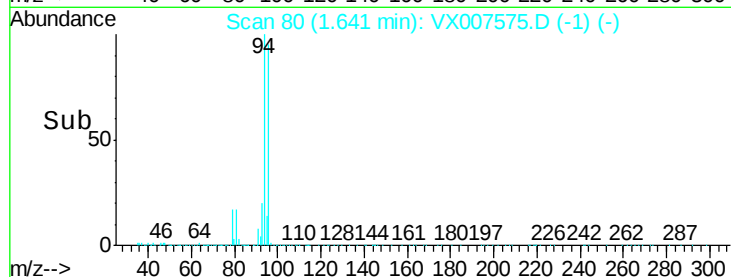
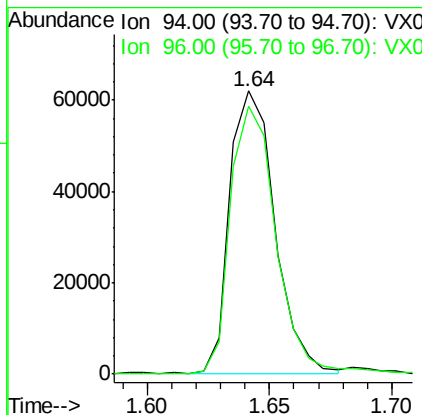
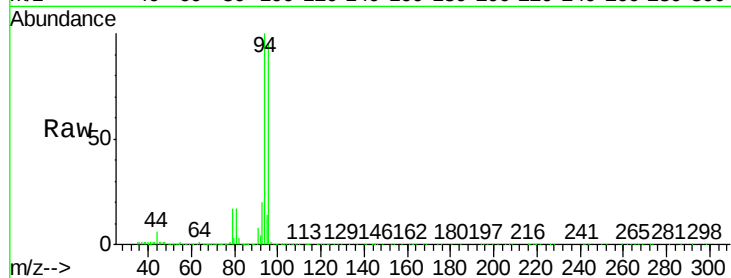
Ion Ratio Lower Upper

94 100

96 94.7 75.6 113.4

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#6

Chloroethane

Concen: 19.654 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX007575.D

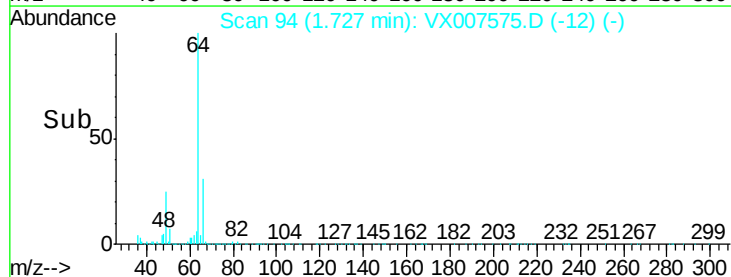
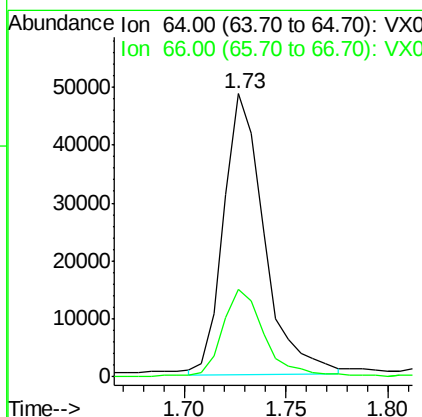
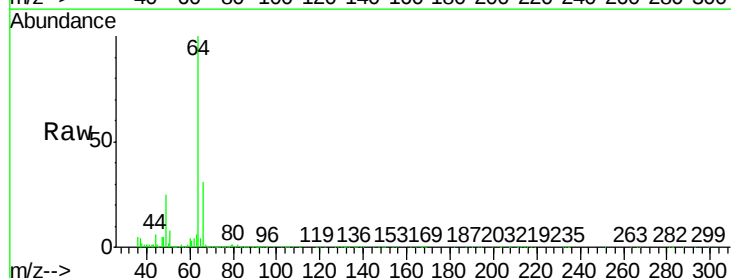
Acq: 15 Feb 2019 18:24

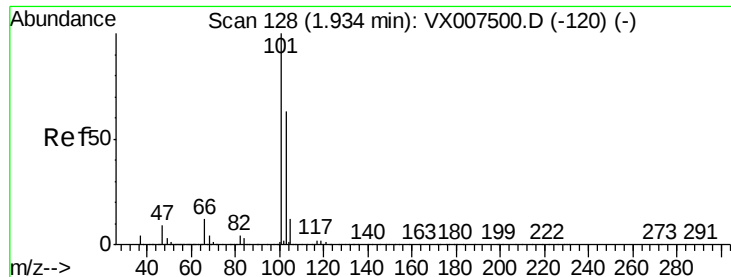
Tgt Ion: 64 Resp: 66987

Ion Ratio Lower Upper

64 100

66 30.9 23.9 35.9





#7

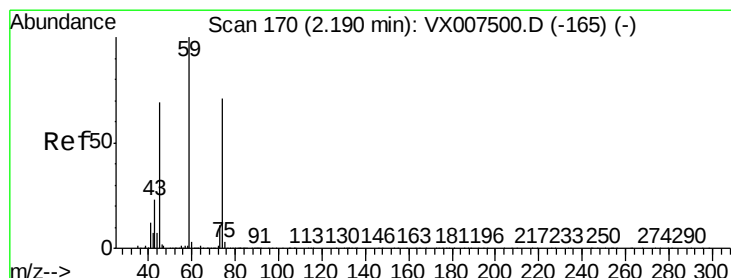
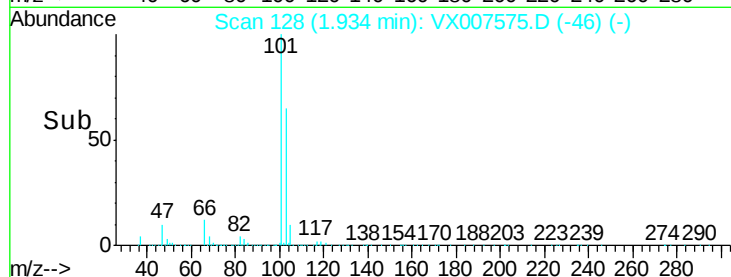
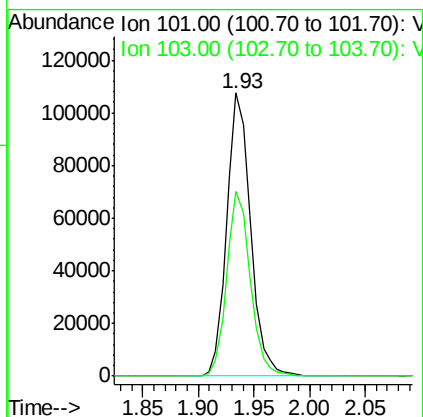
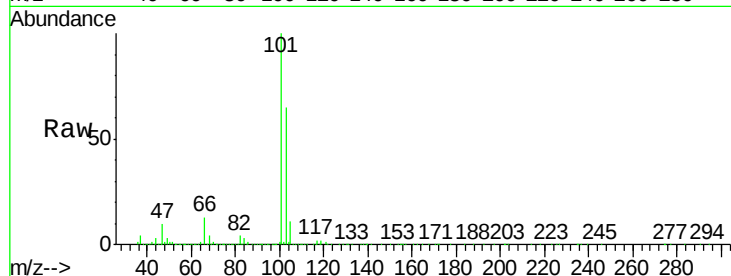
Trichlorofluoromethane
Concen: 20.330 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		159784		
103	65.5	50.4	75.6		

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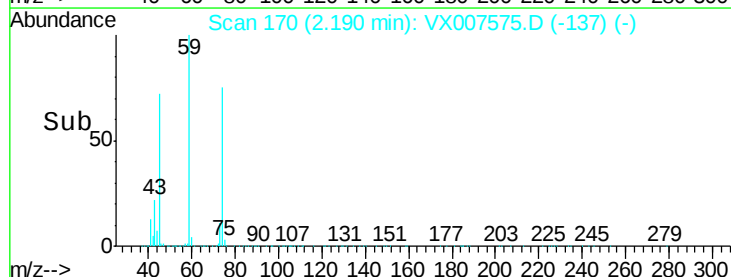
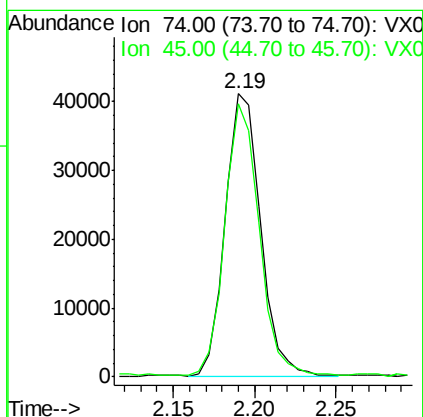
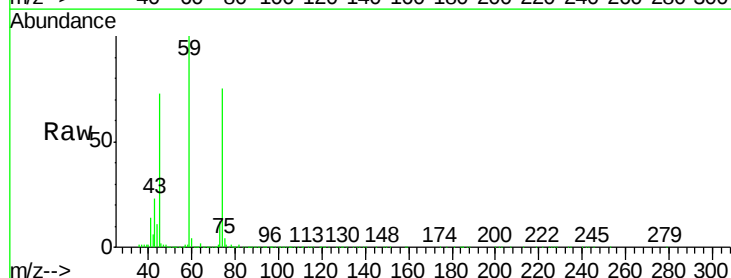
MMDadoda
2/18/2019 10:40:54 AM

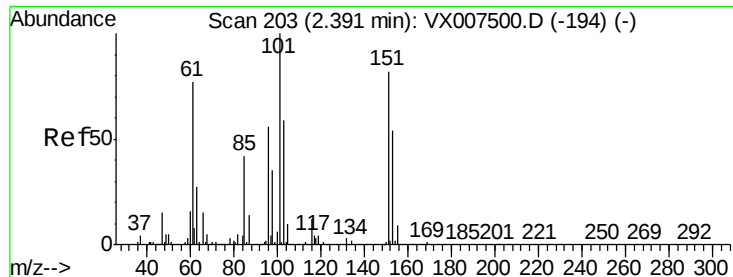


#8

Diethyl Ether
Concen: 19.646 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		61681		
45	93.6	18.6	167.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.428 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

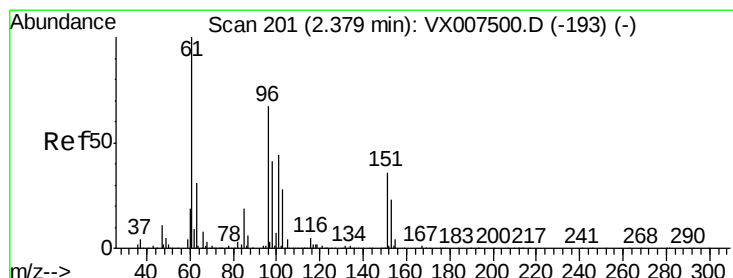
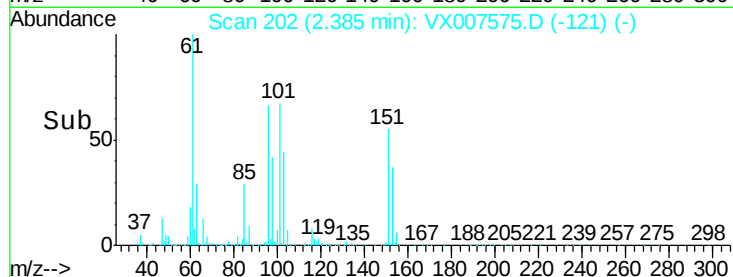
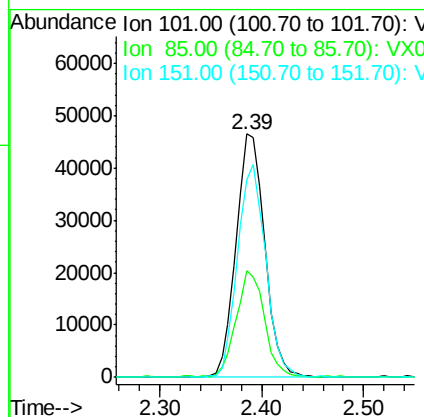
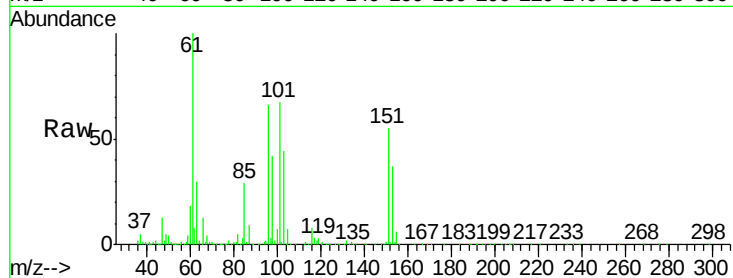
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	90586
Ion Ratio	Lower	Upper	
101	100		
85	42.6	0.0	86.8
151	85.9	0.0	169.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 20.304 ug/l

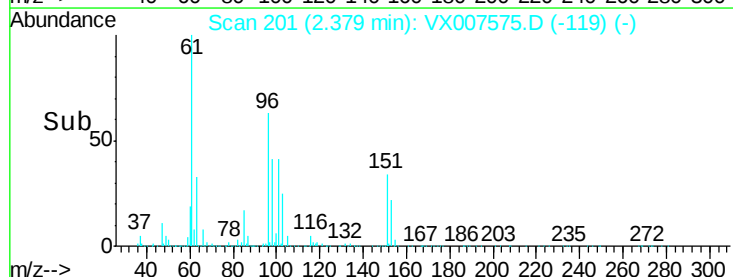
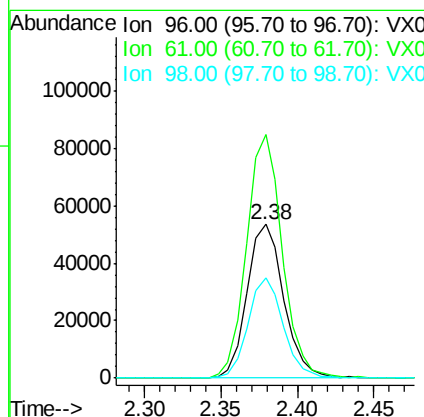
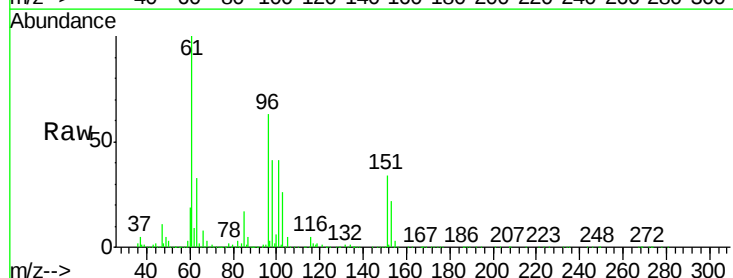
RT: 2.38 min Scan# 201

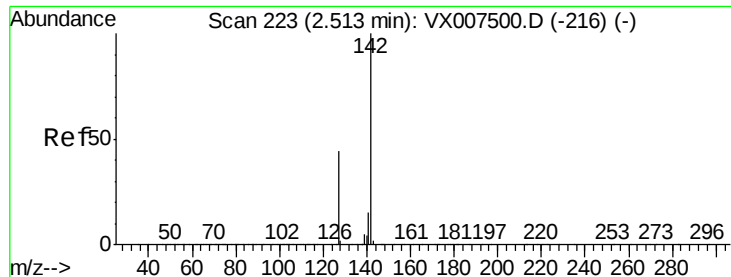
Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	96	Resp:	89342
Ion Ratio	Lower	Upper	
96	100		
61	158.5	120.2	180.2
98	65.2	49.0	73.4





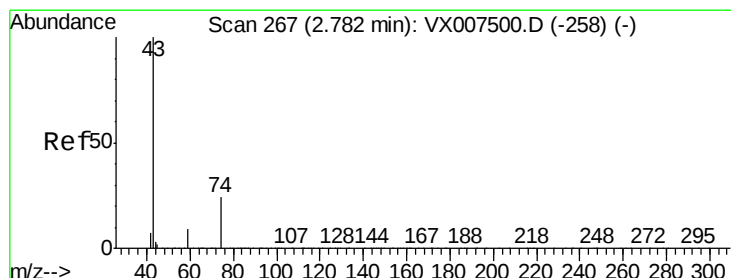
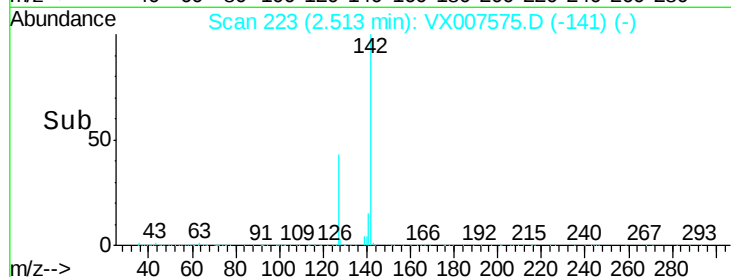
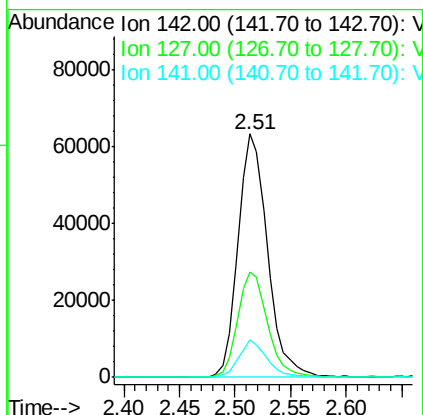
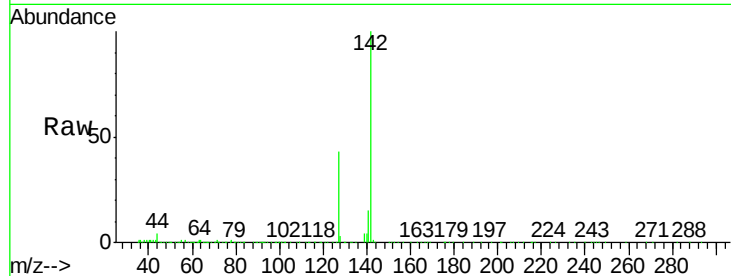
#11
Methyl Iodide
Concen: 18.382 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.2	22.1	66.5
141	15.4	7.4	22.3

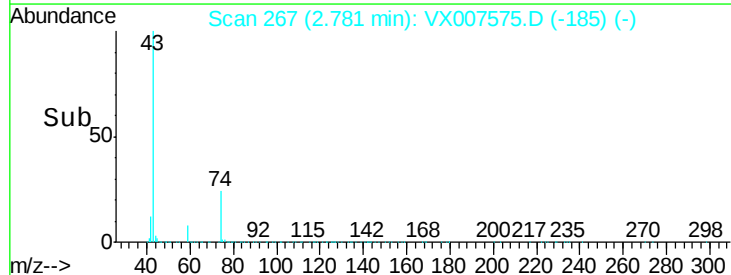
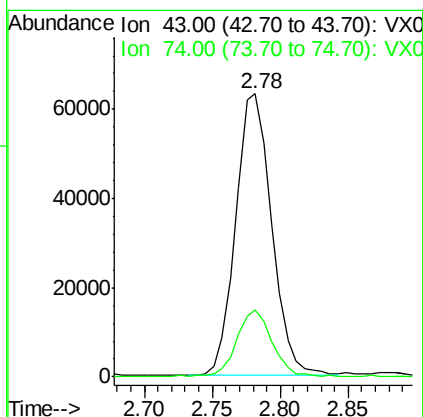
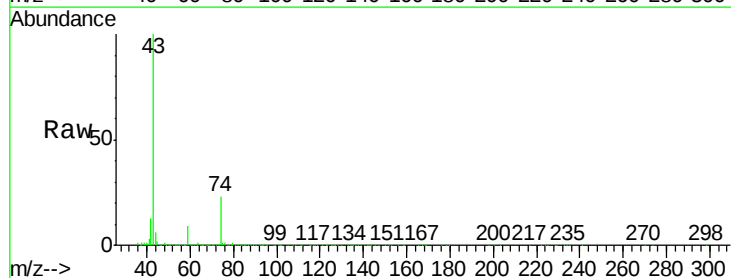
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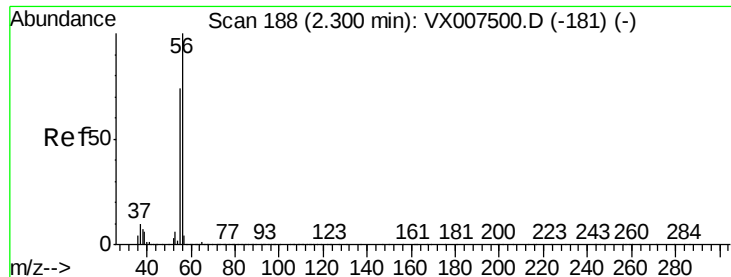
MMDadoda
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#12
Methyl Acetate
Concen: 19.273 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.4	29.0





#13

Acrolein

Concen: 99.732 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 105570

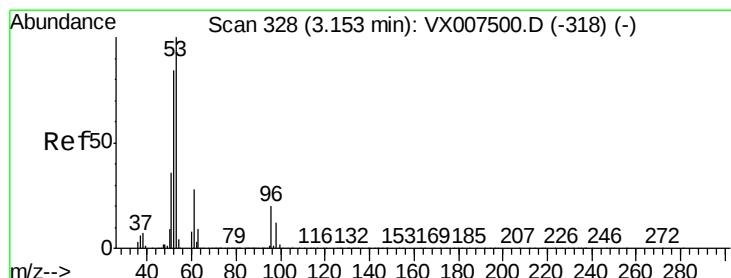
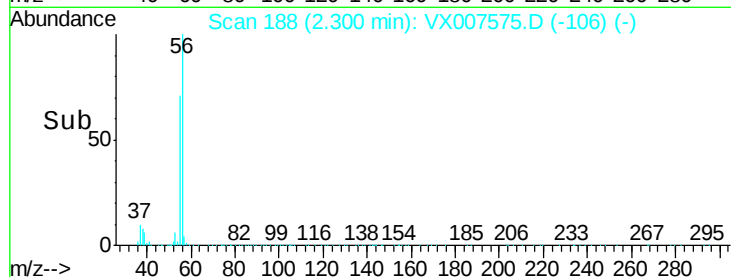
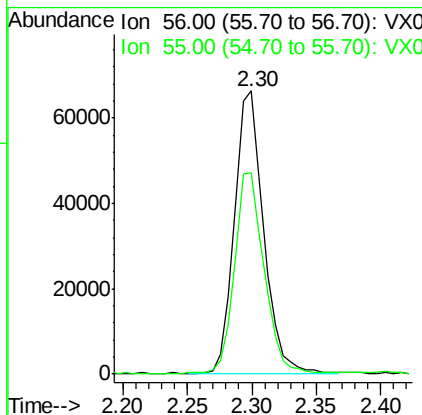
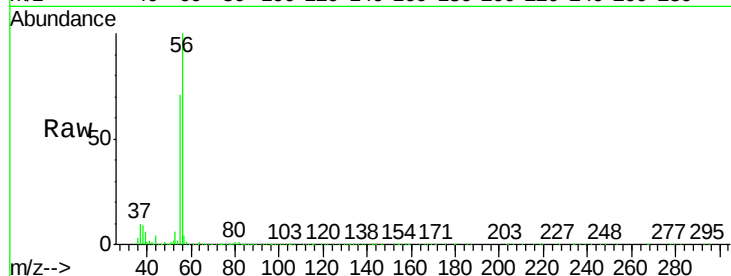
Ion Ratio Lower Upper

56 100

55 70.9 58.6 87.8

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#14

Acrylonitrile

Concen: 96.572 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

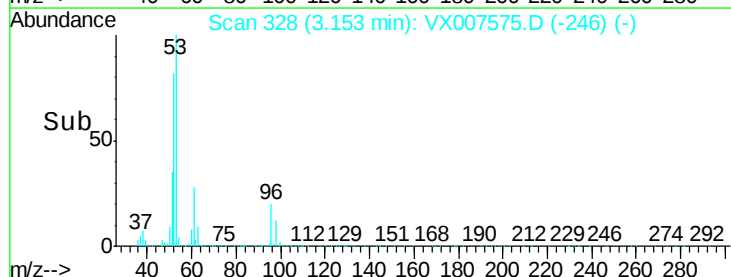
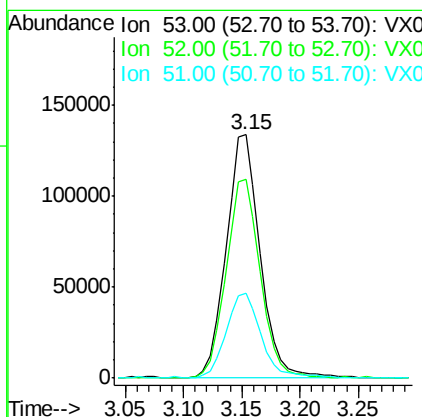
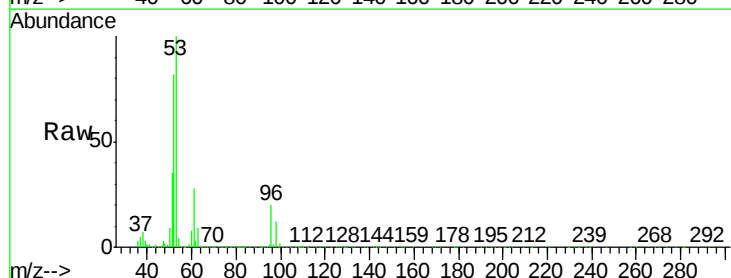
Tgt Ion: 53 Resp: 270018

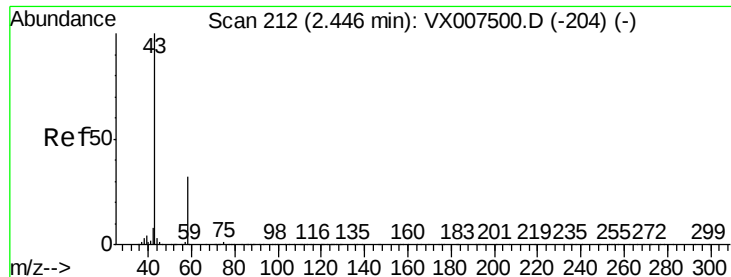
Ion Ratio Lower Upper

53 100

52 82.7 41.3 124.1

51 36.2 17.5 52.6





#15

Acetone

Concen: 103.411 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 78469

Ion Ratio Lower Upper

58 100

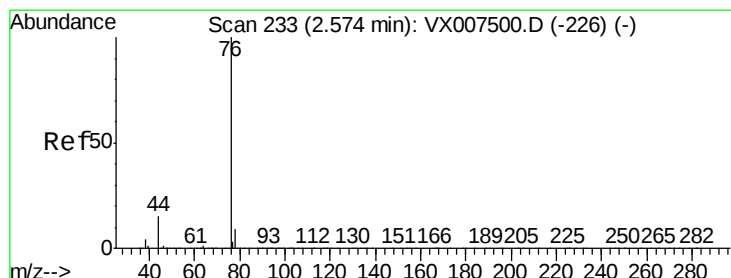
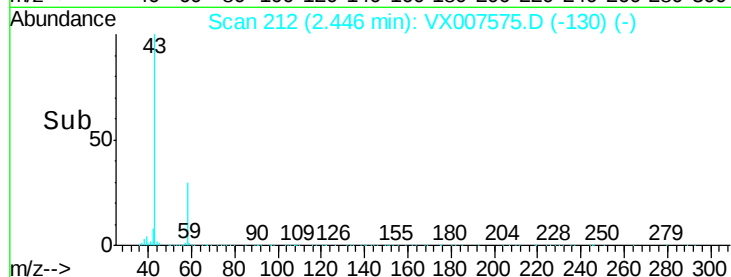
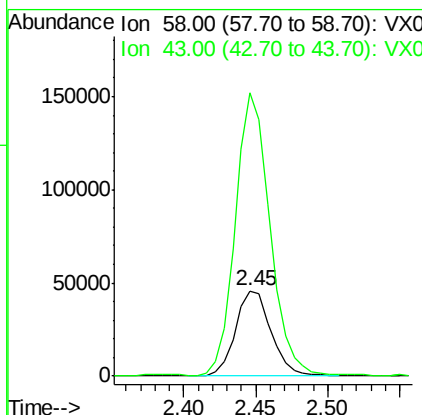
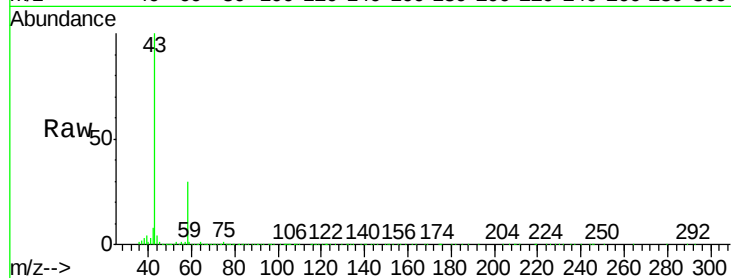
43 331.9 249.8 374.6

Manual Integrations

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#16

Carbon Disulfide

Concen: 19.638 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007575.D

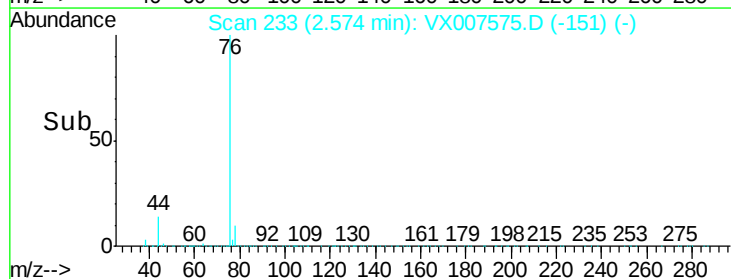
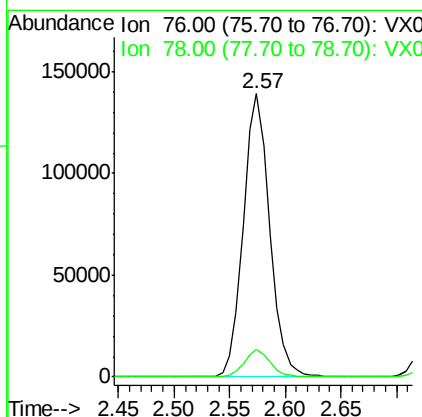
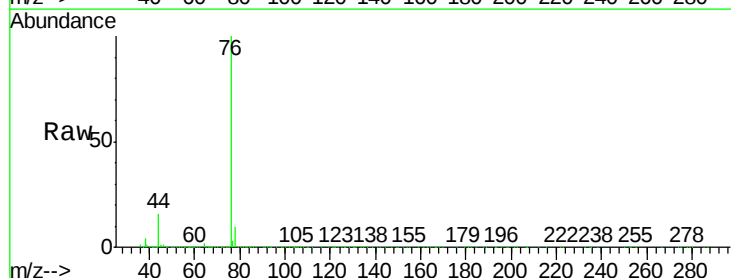
Acq: 15 Feb 2019 18:24

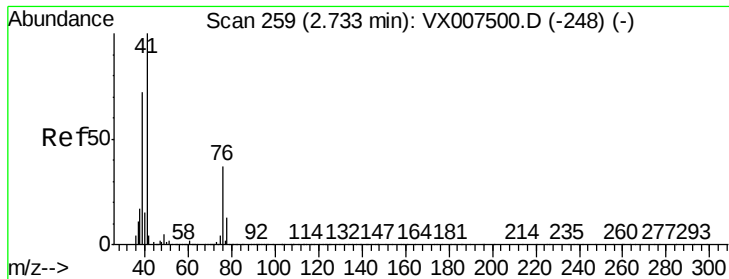
Tgt Ion: 76 Resp: 229152

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3





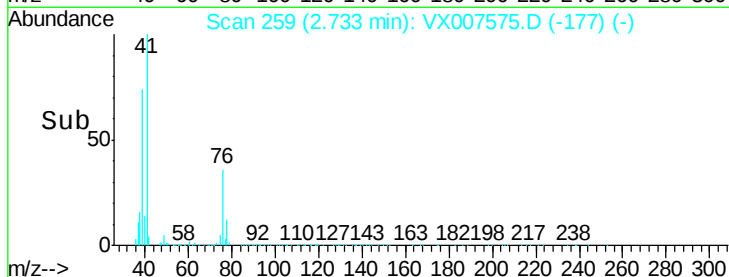
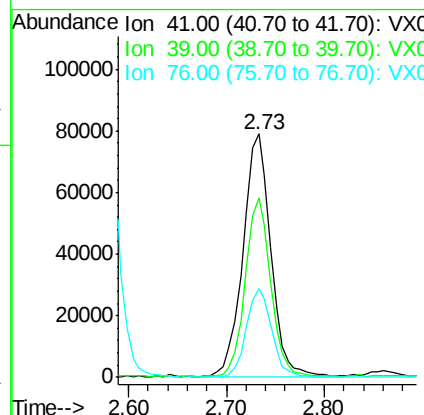
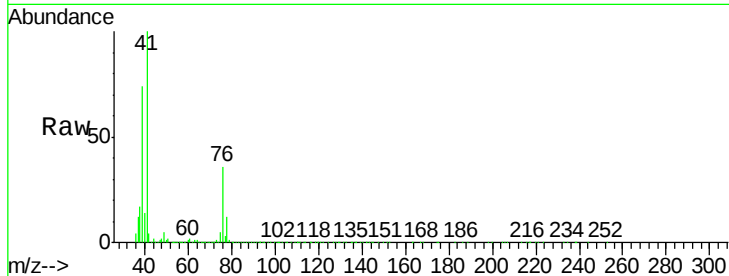
#17
Allvl chloride
Concen: 20.669 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	73.6	35.8	107.4
76	36.3	18.3	54.9

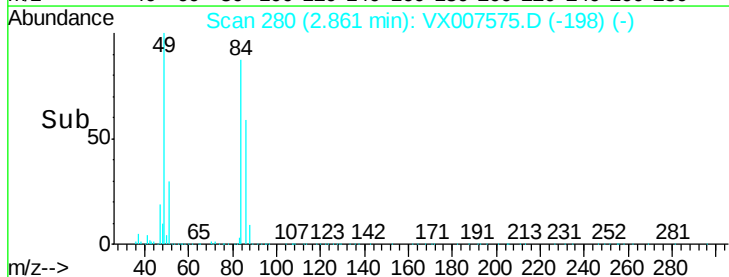
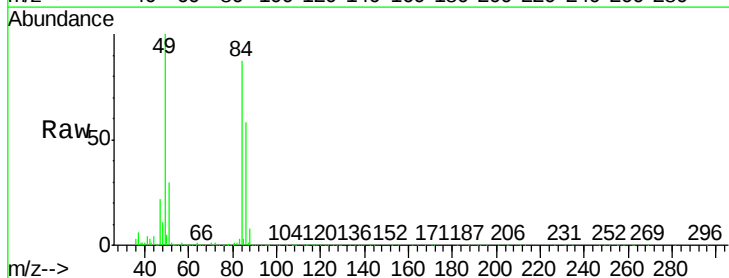
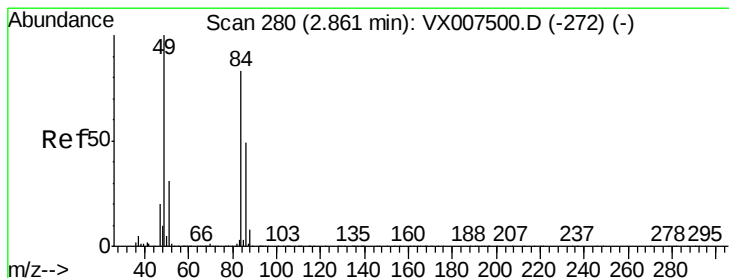
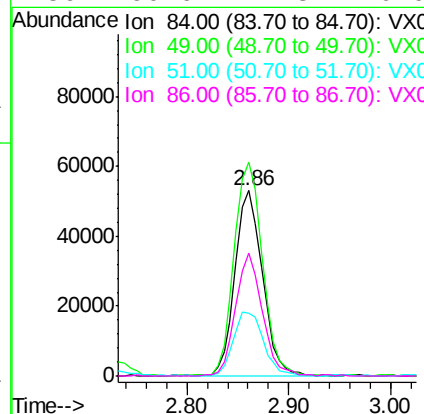
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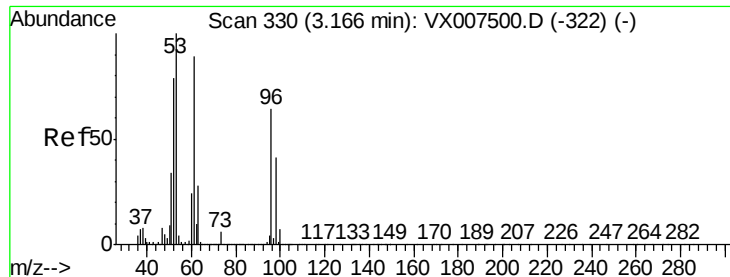
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#18
Methylene Chloride
Concen: 19.973 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.1	96.1	144.1
51	33.9	29.1	43.7
86	66.6	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 19.820 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

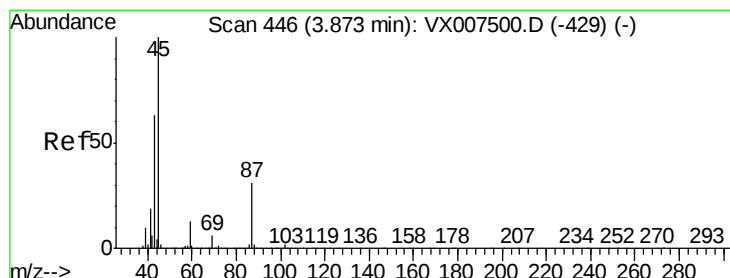
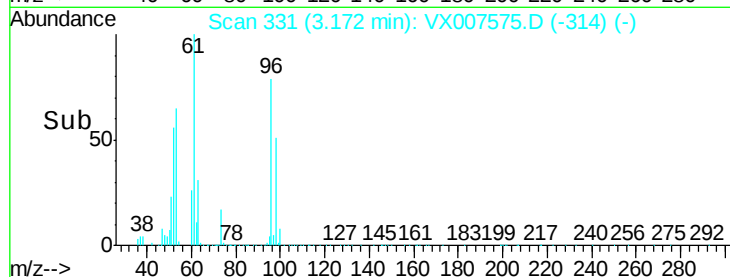
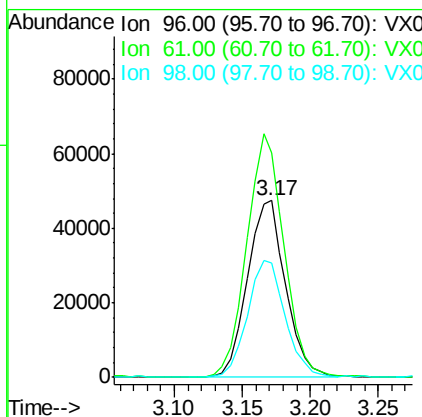
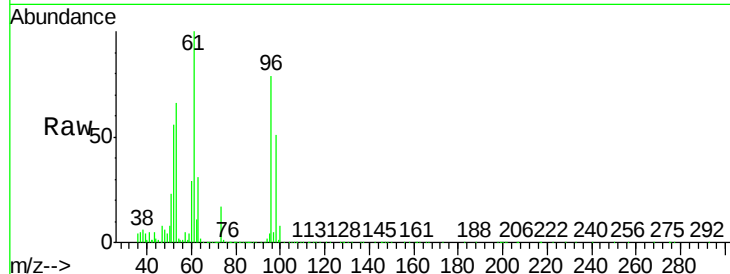
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	93279
Ion	Ratio	Lower	Upper
96	100		
61	126.7	109.9	164.9
98	64.8	50.4	75.6

Manual Integrations
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#20

Diisopropyl ether

Concen: 19.729 ug/l

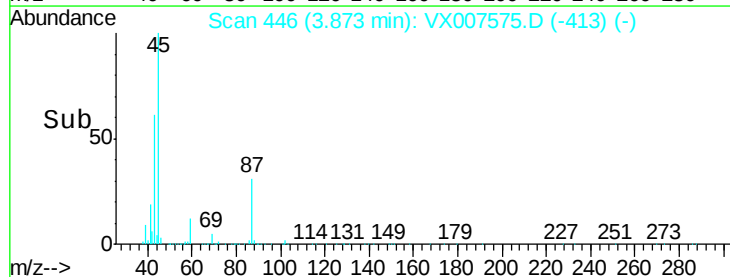
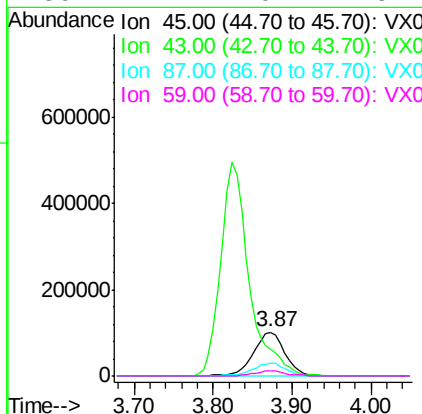
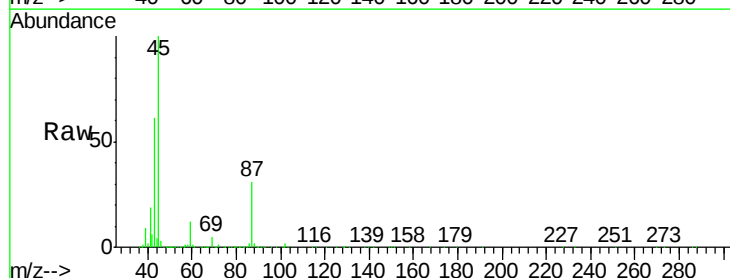
RT: 3.87 min Scan# 446

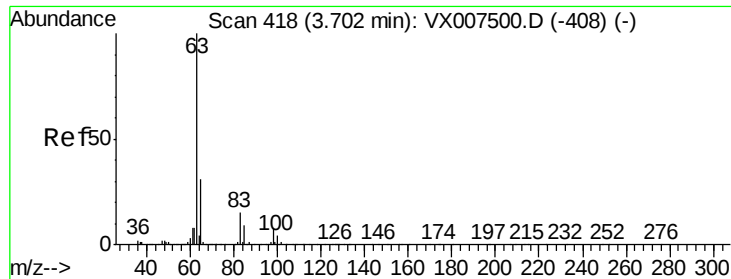
Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	45	Resp:	281094
Ion	Ratio	Lower	Upper
45	100		
43	60.1	50.6	76.0
87	30.5	24.5	36.7
59	11.7	10.2	15.2





#21

1,1-Dichloroethane

Concen: 19.729 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

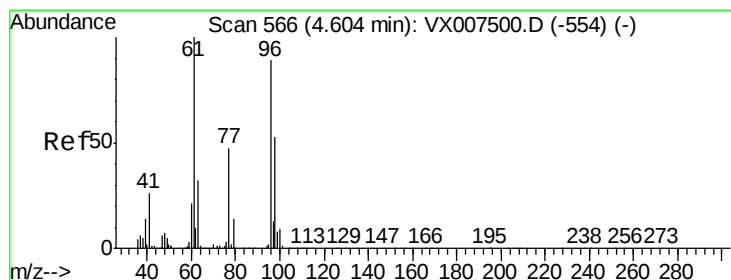
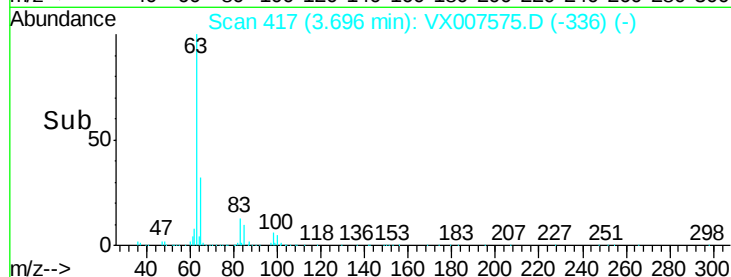
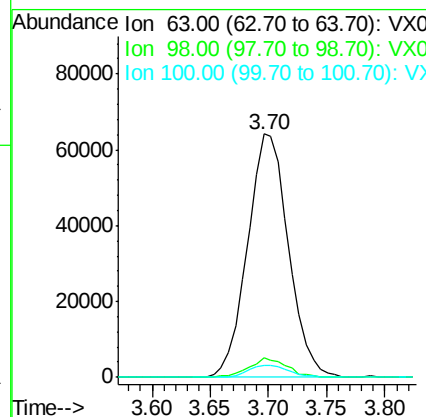
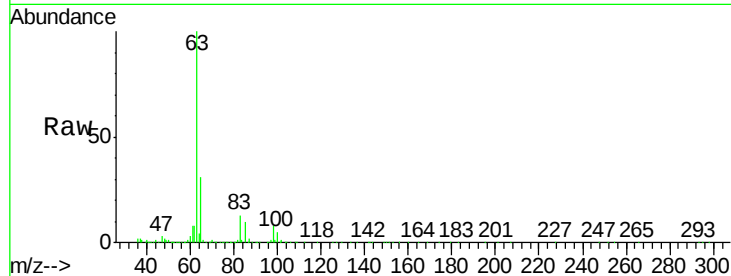
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	157588
Ion Ratio	Lower	Upper	
63	100		
98	7.8	3.8	11.4
100	5.1	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 20.002 ug/l

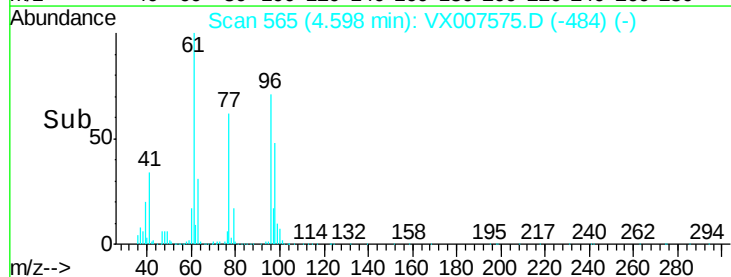
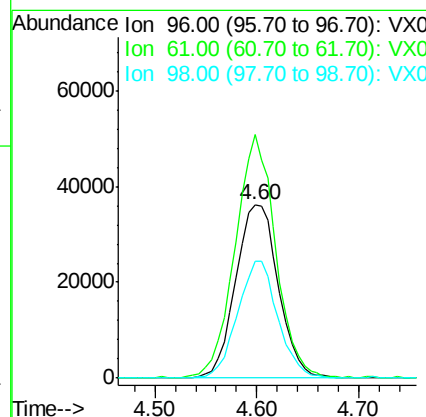
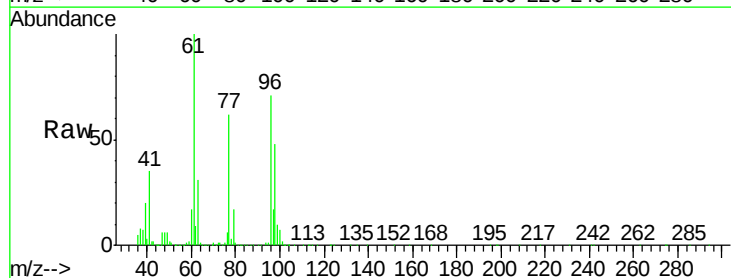
RT: 4.60 min Scan# 565

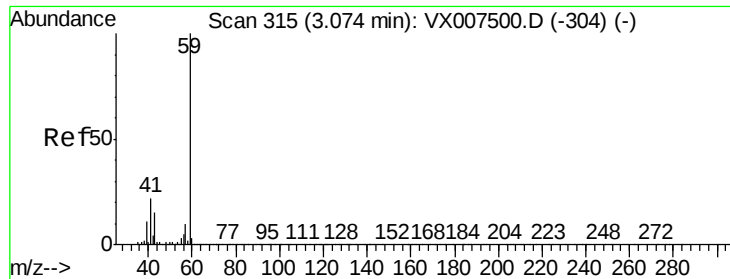
Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	96	Resp:	104761
Ion Ratio	Lower	Upper	
96	100		
61	133.5	103.5	155.3
98	63.9	52.1	78.1





#23

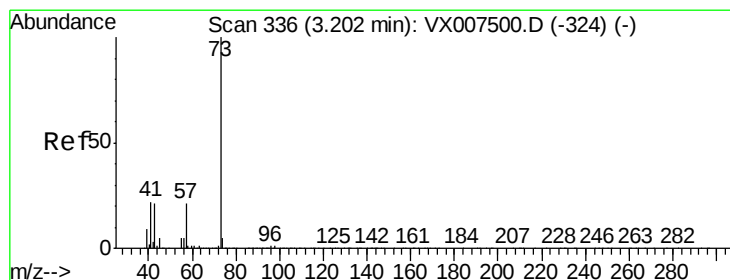
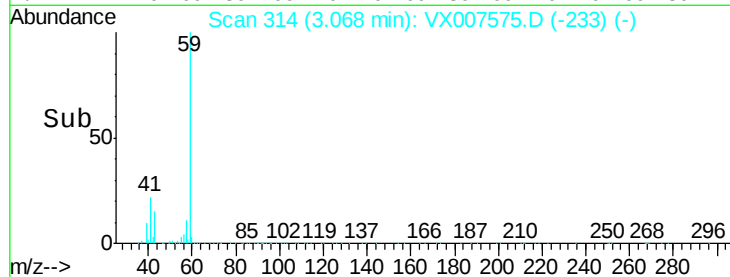
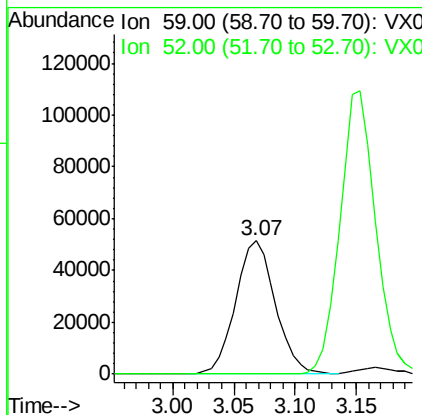
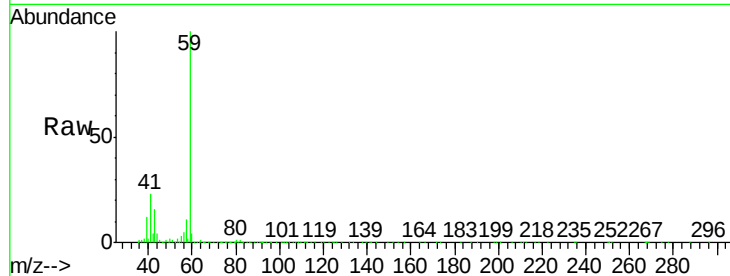
tert-Butyl Alcohol
 Concen: 98.634 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

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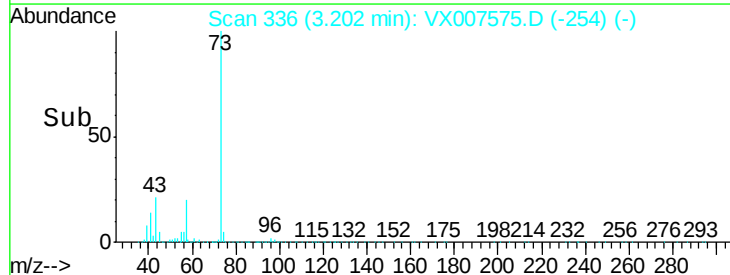
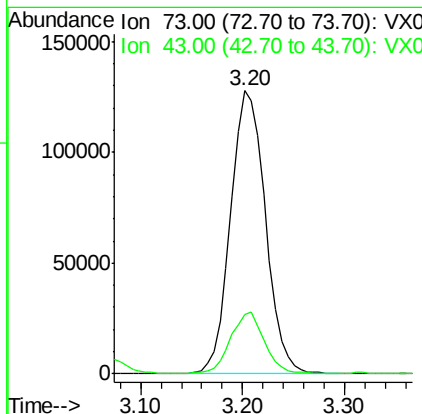
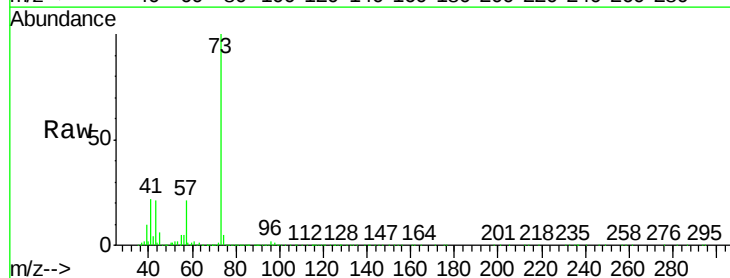
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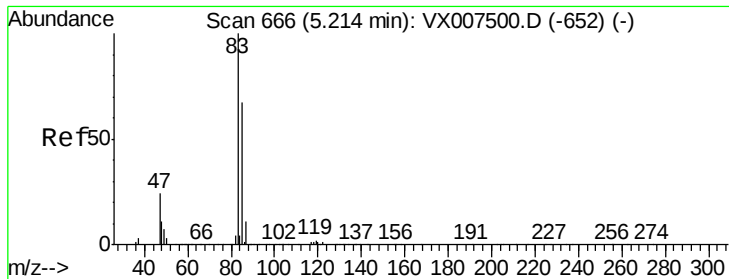


#24

Methyl tert-Butyl Ether
 Concen: 19.820 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.1	17.1	25.7





#25

Chloroform

Concen: 19.774 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 166818

Ion Ratio Lower Upper

83 100

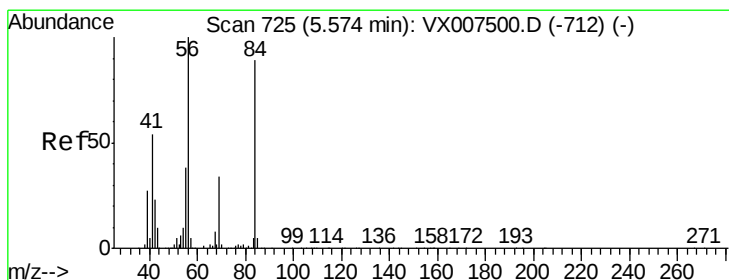
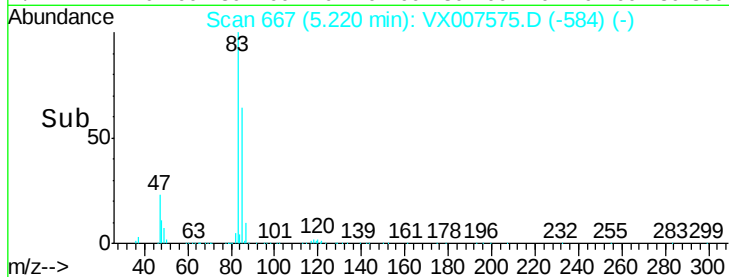
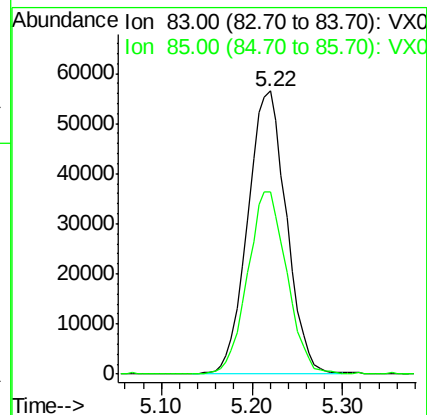
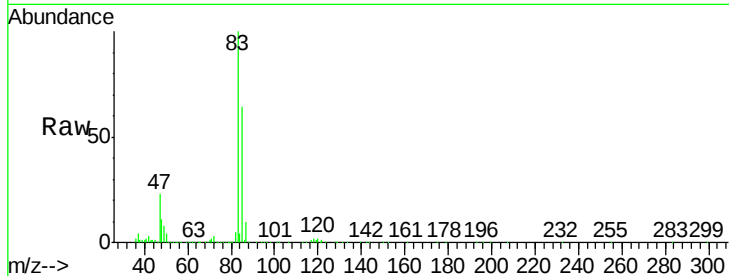
85 64.3 53.8 80.6

Manual Integrations

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#26

Cyclohexane

Concen: 19.979 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

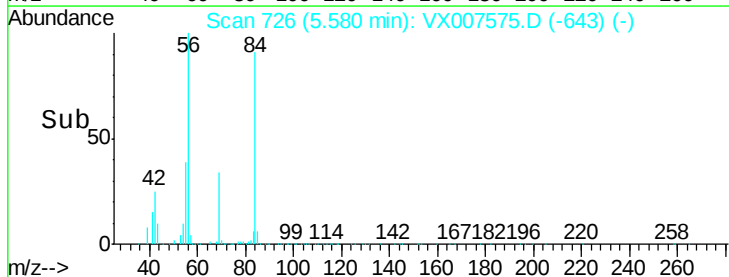
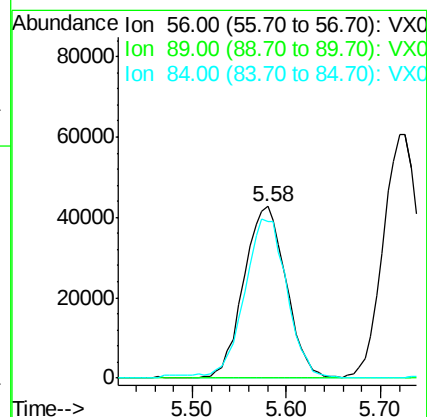
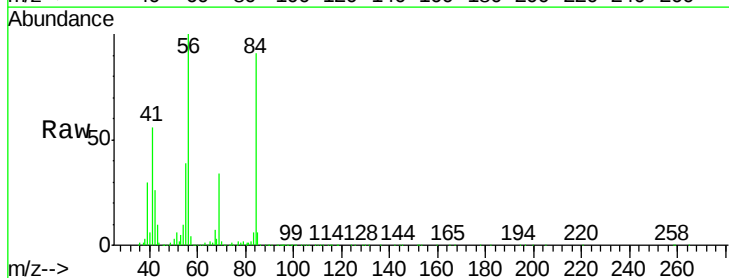
Tgt Ion: 56 Resp: 133818

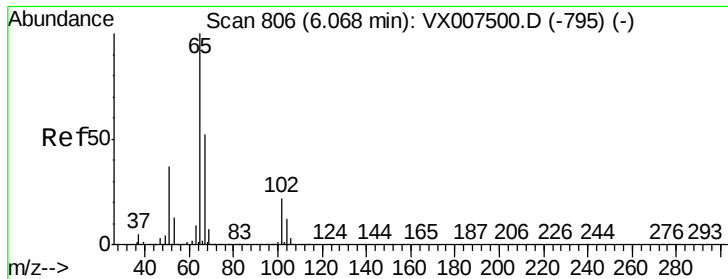
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 92.9 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.855 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 154684

Ion Ratio Lower Upper

65 100

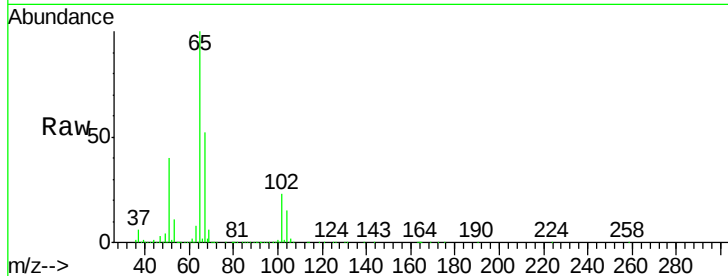
67 53.9 42.9 64.3

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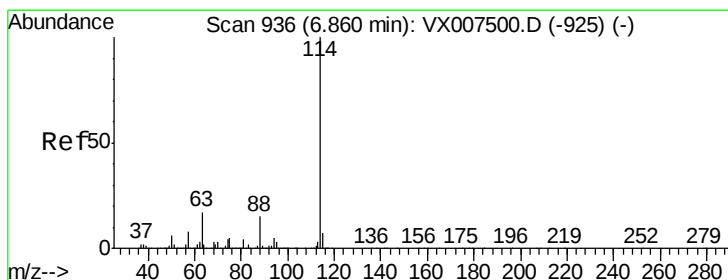
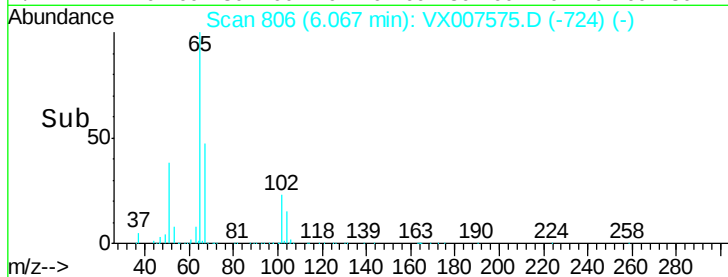
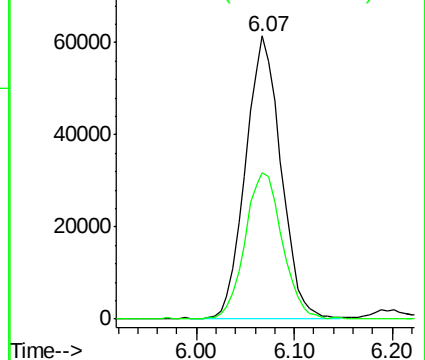
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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

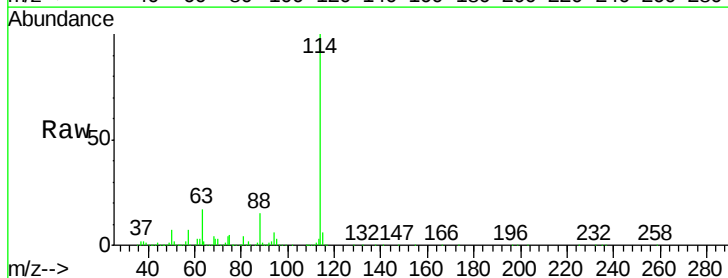
Tgt Ion: 114 Resp: 426336

Ion Ratio Lower Upper

114 100

63 18.1 14.2 21.4

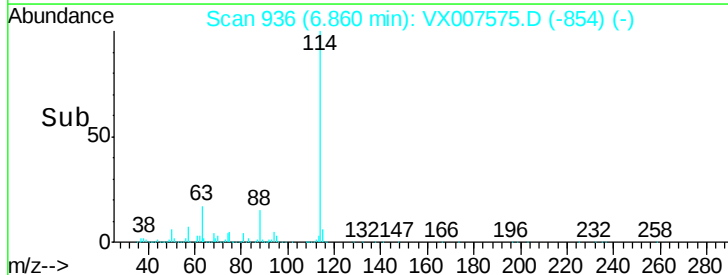
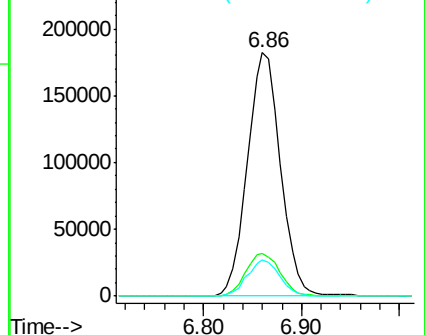
88 14.7 11.9 17.9

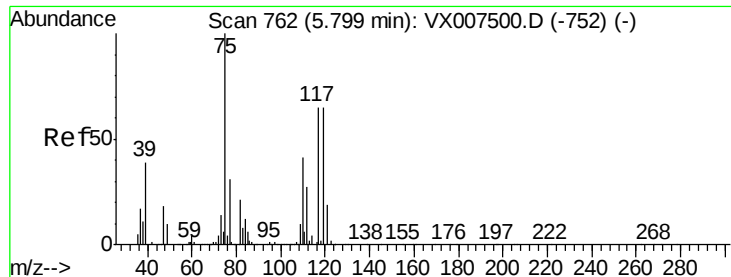


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 20.386 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

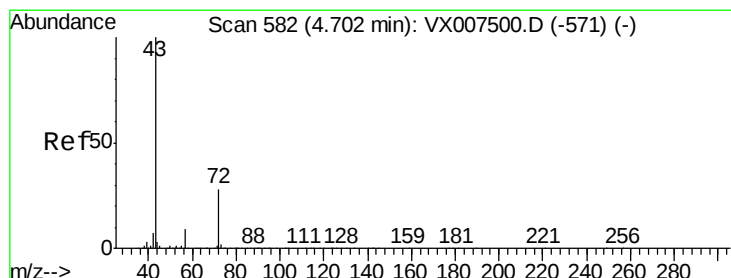
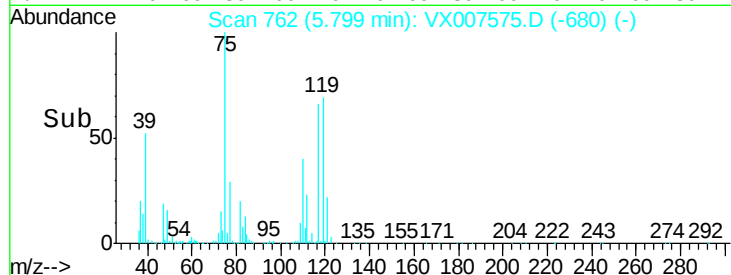
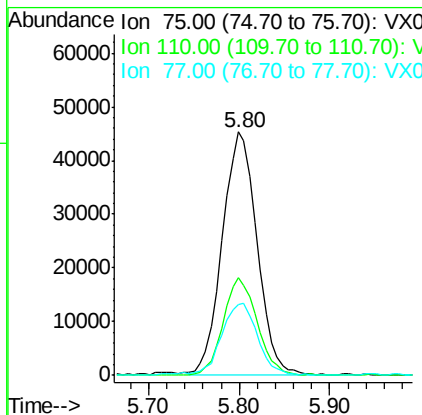
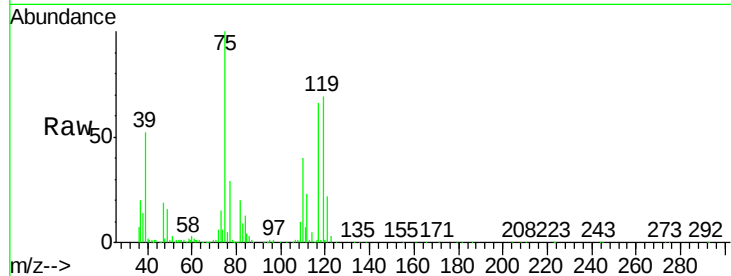
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	121235
Ion Ratio	Lower	Upper	
75	100		
110	39.1	0.0	80.8
77	29.9	0.0	62.4

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#30

2-Butanone

Concen: 101.210 ug/l

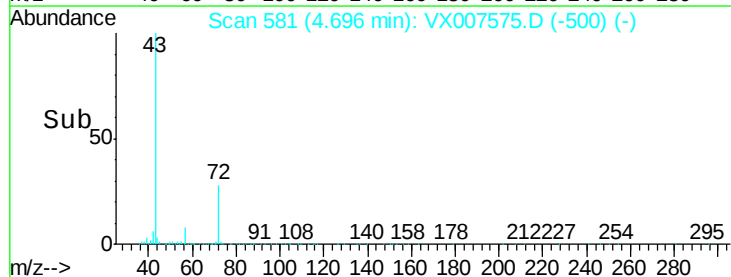
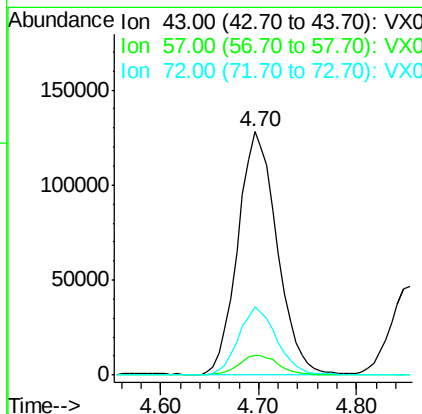
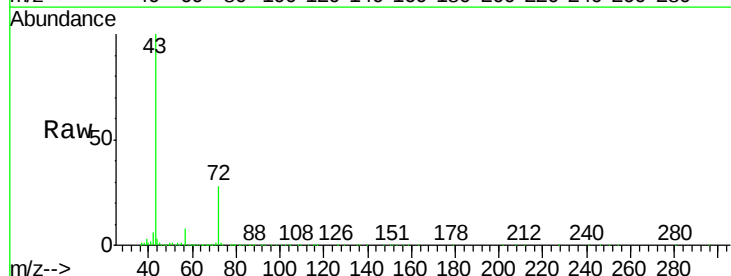
RT: 4.70 min Scan# 581

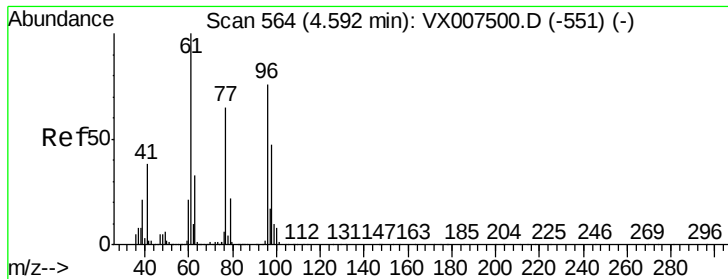
Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	43	Resp:	356194
Ion Ratio	Lower	Upper	
43	100		
57	8.3	7.0	10.6
72	27.0	21.5	32.3





#31

2,2-Dichloropropane

Concen: 23.931 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 115624

Ion Ratio Lower Upper

77 100

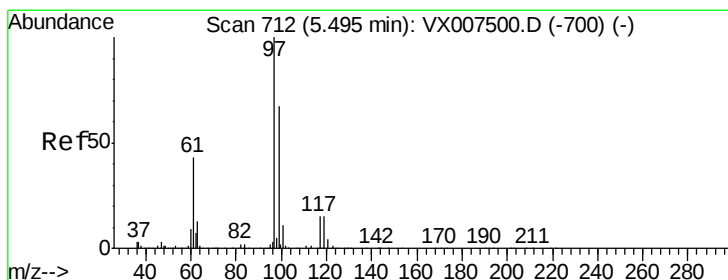
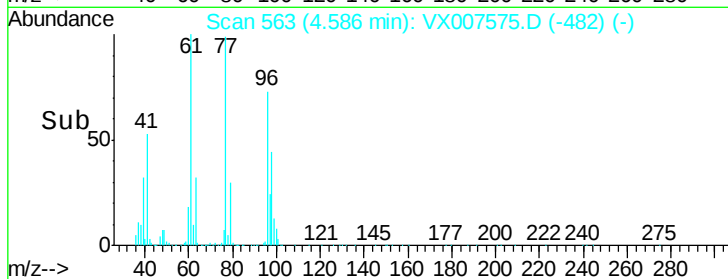
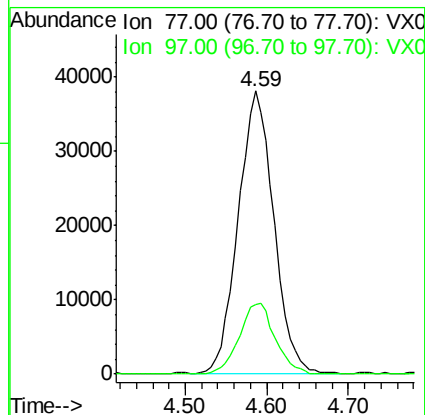
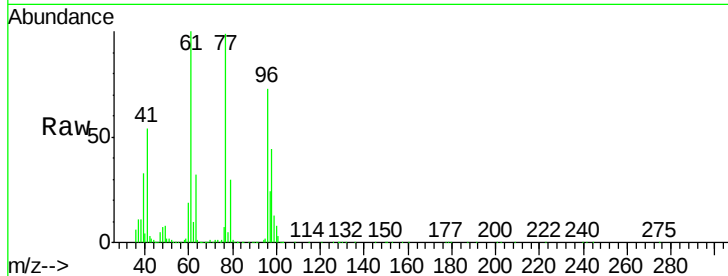
97 25.2 20.6 31.0

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.759 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

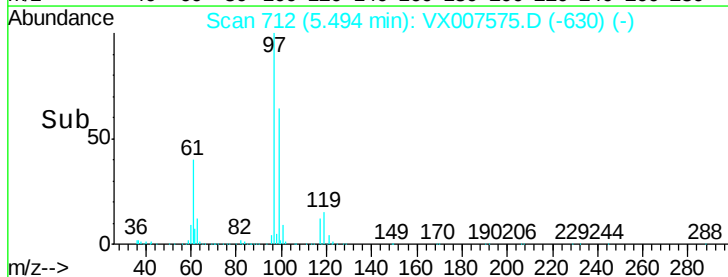
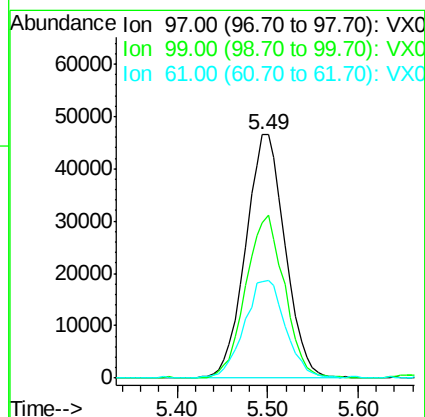
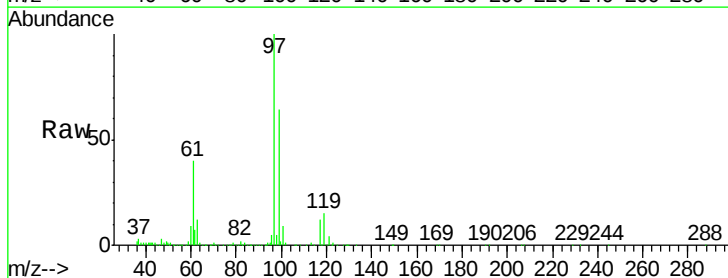
Tgt Ion: 97 Resp: 140447

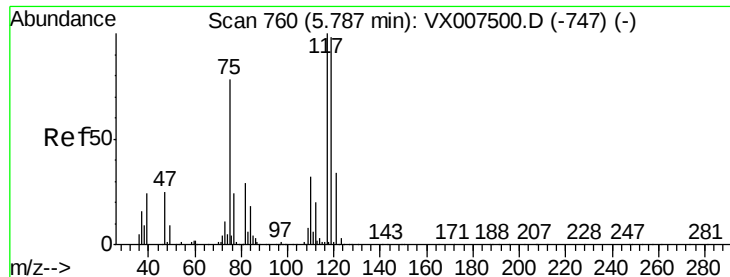
Ion Ratio Lower Upper

97 100

99 65.4 51.7 77.5

61 42.0 32.8 49.2





#33

Carbon Tetrachloride

Concen: 19.567 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

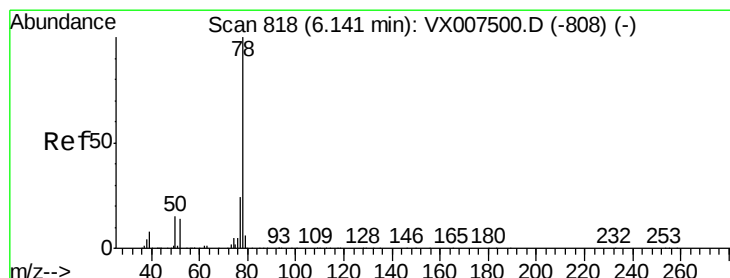
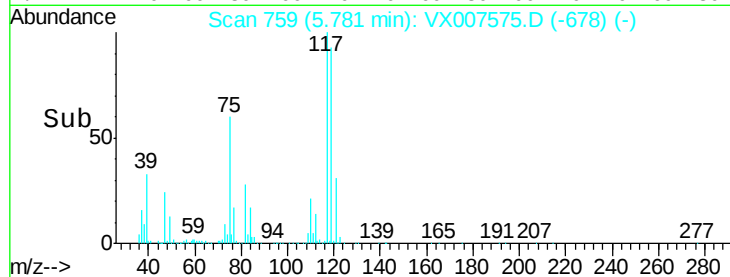
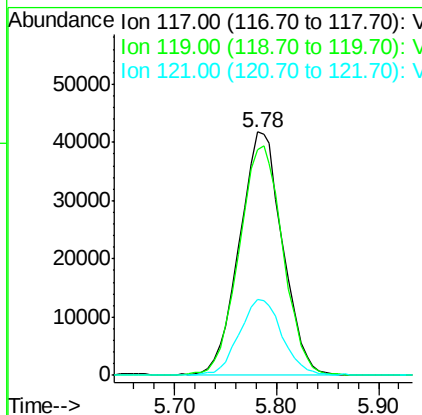
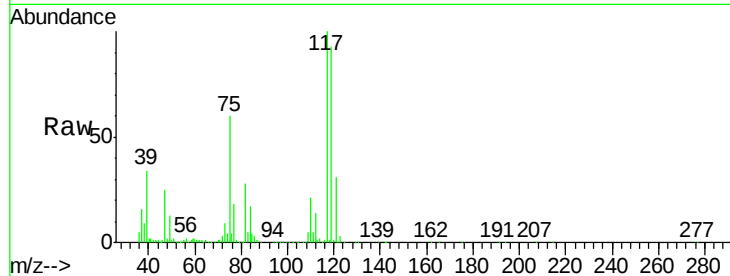
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	122948
Ion Ratio	Lower	Upper	
117	100		
119	92.4	78.1	117.1
121	31.0	27.0	40.6

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#34

Benzene

Concen: 19.929 ug/l

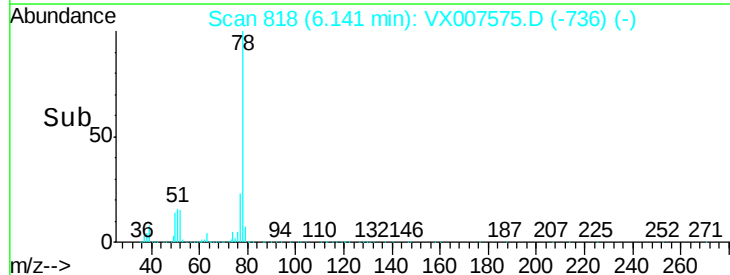
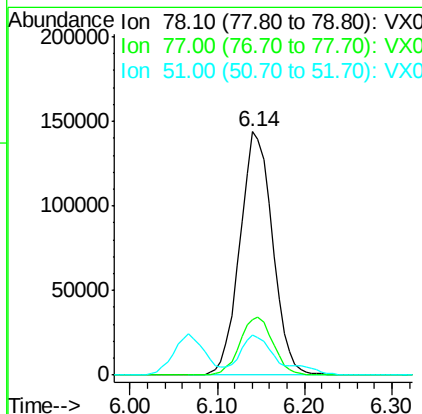
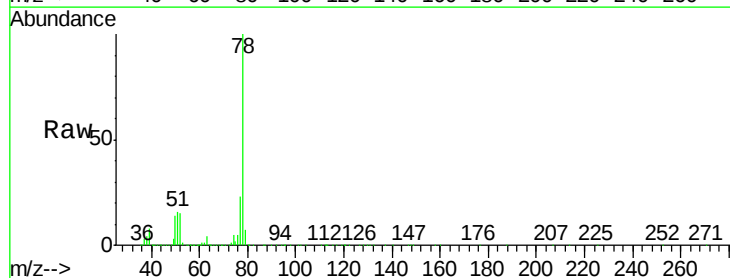
RT: 6.14 min Scan# 818

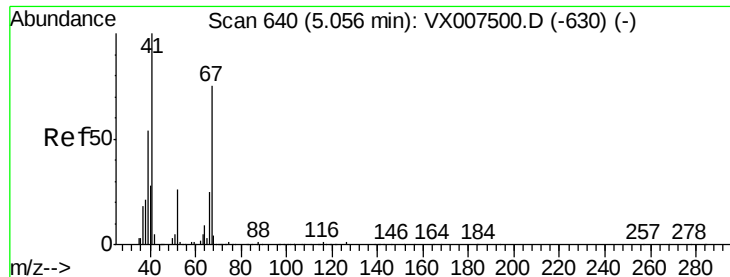
Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	78	Resp:	373626
Ion Ratio	Lower	Upper	
78	100		
77	22.8	19.1	28.7
51	16.0	10.8	16.2





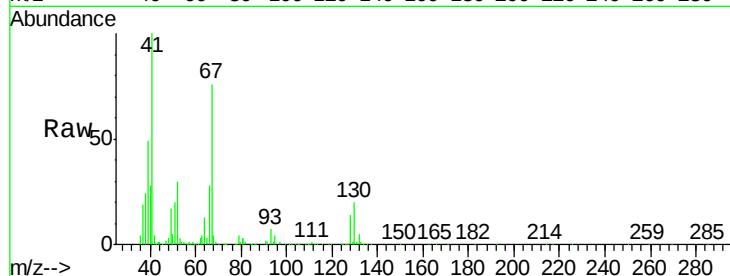
#35
Methacrylonitrile
Concen: 19.623 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

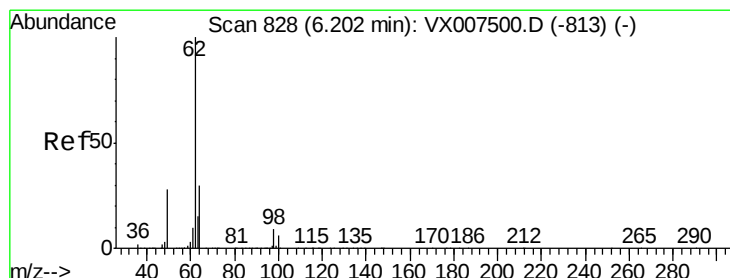
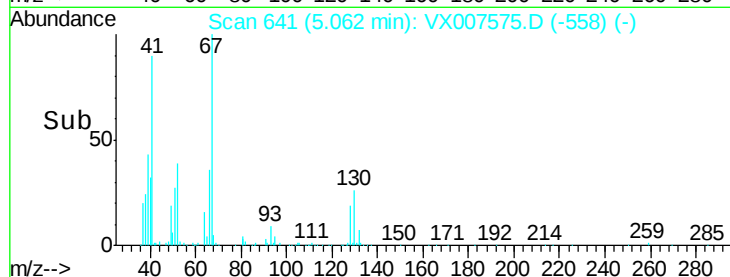
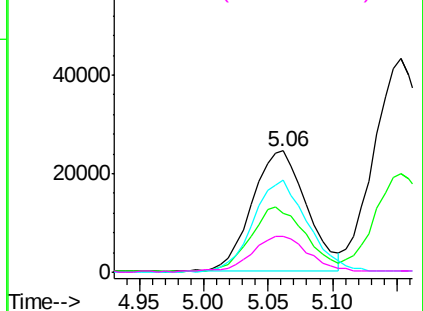
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	47.9	27.4	82.0	
67	75.7	37.9	113.6	
52	29.1	13.3	39.9	

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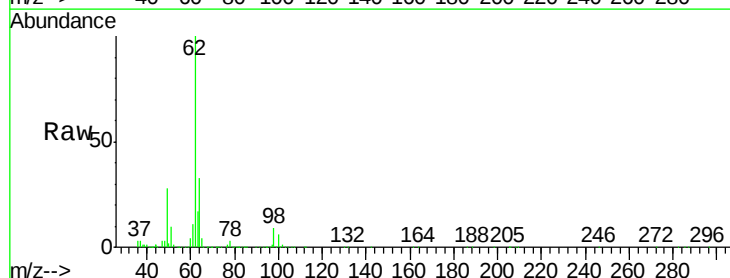


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

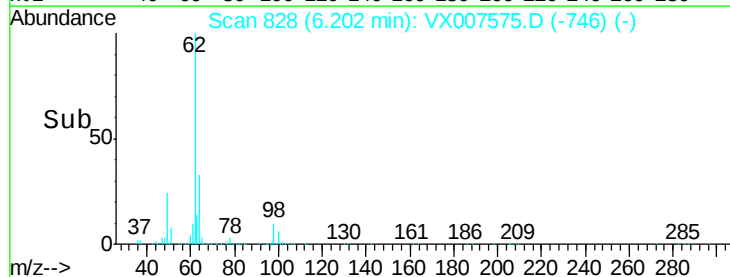
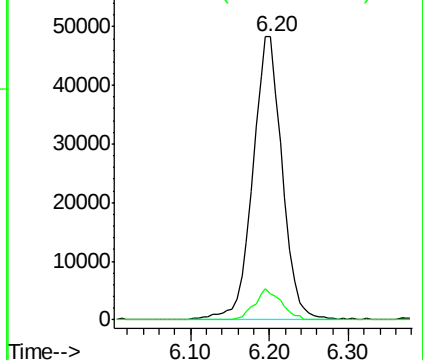


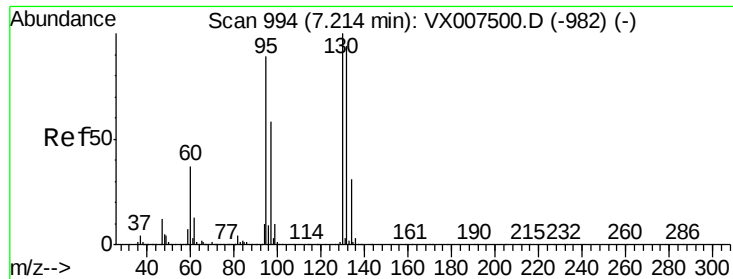
#36
1,2-Dichloroethane
Concen: 19.434 ug/l
RT: 6.20 min Scan# 828
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	7.8	11.8	



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





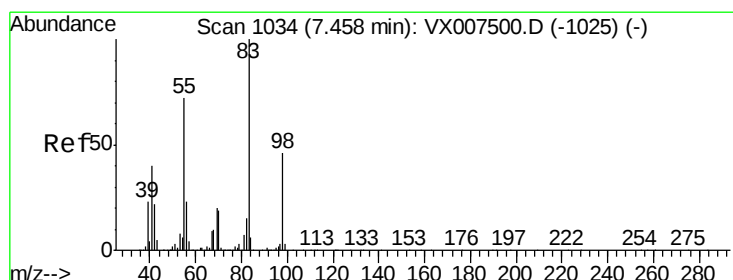
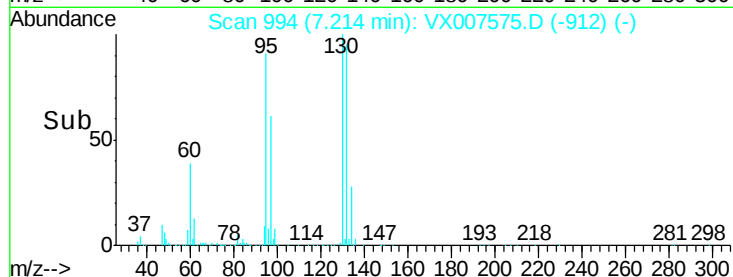
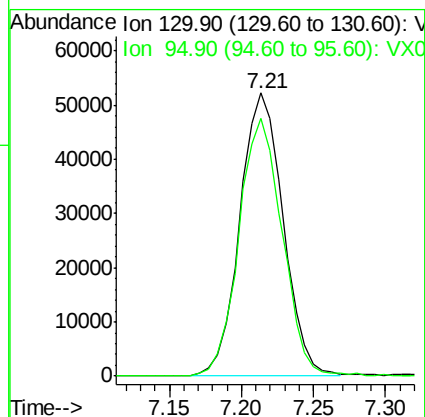
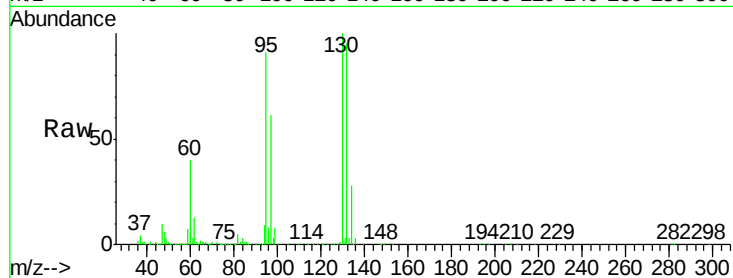
#37
 Trichloroethene
 Concen: 20.213 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 108948
 Ion Ratio Lower Upper
 130 100
 95 91.0 71.3 106.9

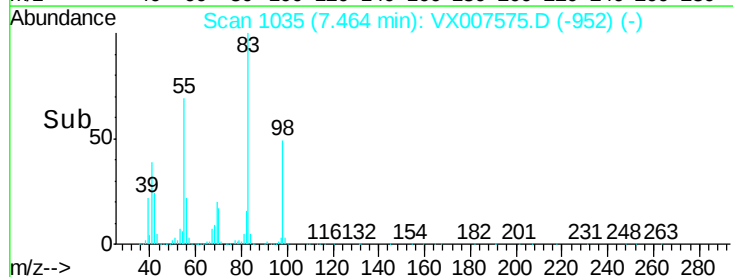
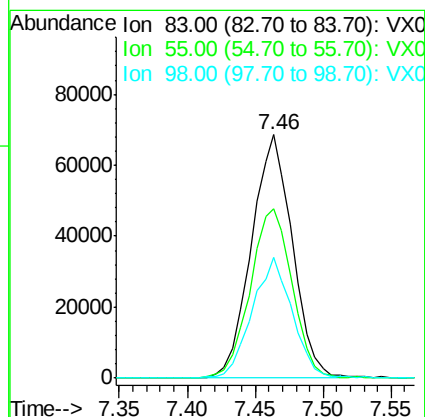
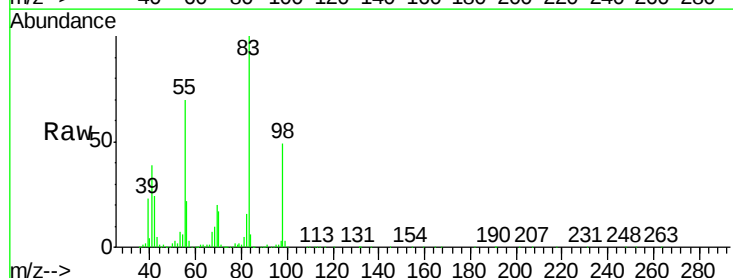
Manual Integrations
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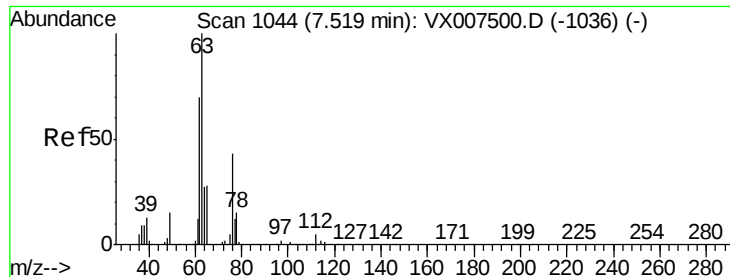
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#38
 Methylcyclohexane
 Concen: 20.926 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Tgt Ion: 83 Resp: 144060
 Ion Ratio Lower Upper
 83 100
 55 71.6 36.0 108.0
 98 48.8 23.8 71.4





#39

1,2-Dichloropropane

Concen: 19.814 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 92396

Ion Ratio Lower Upper

63 100

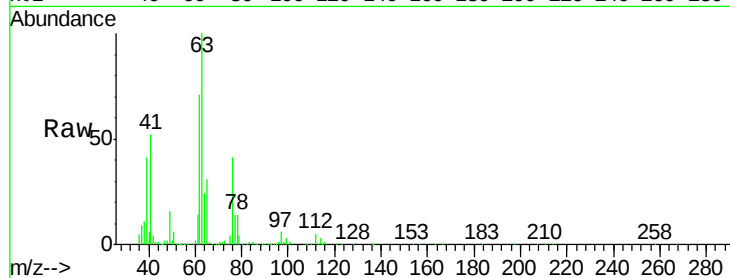
65 30.7 24.6 37.0

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Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.52

50000

40000

30000

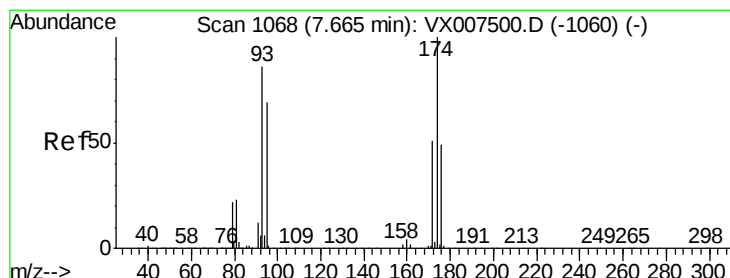
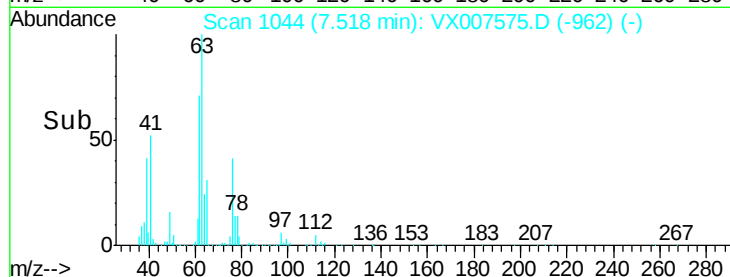
20000

10000

0

7.45 7.50 7.55 7.60

Time-->



#40

Dibromomethane

Concen: 19.190 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

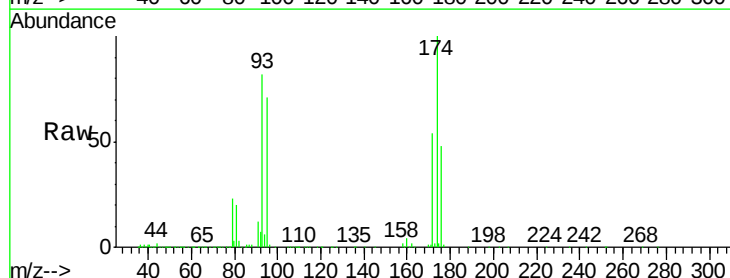
Tgt Ion: 93 Resp: 64629

Ion Ratio Lower Upper

93 100

95 88.3 0.0 158.8

174 120.9 0.0 224.2



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

7.66

50000

40000

30000

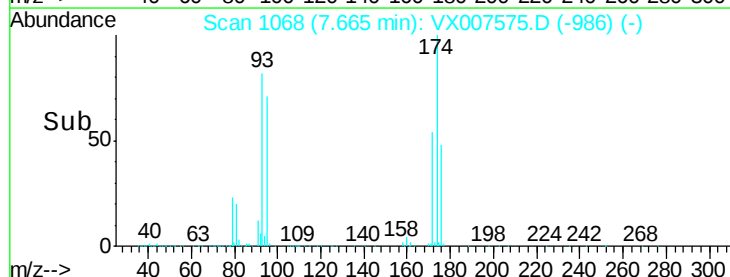
20000

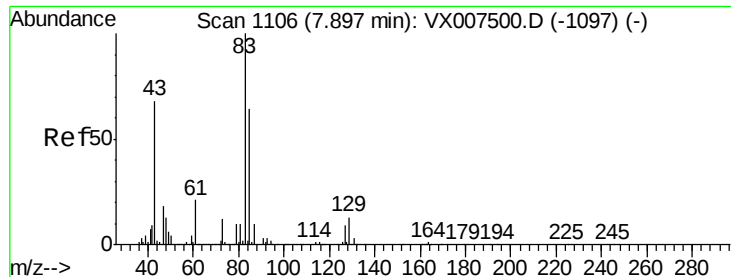
10000

0

7.60 7.65 7.70 7.75

Time-->





#41

Bromodichloromethane

Concen: 19.261 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

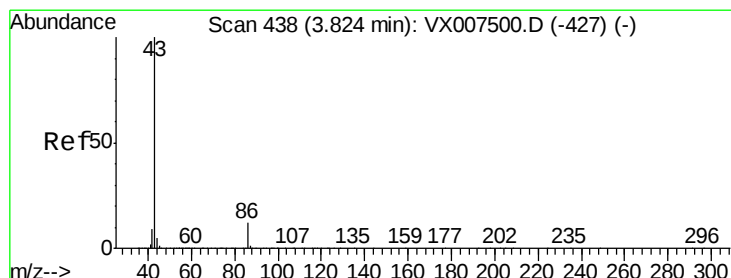
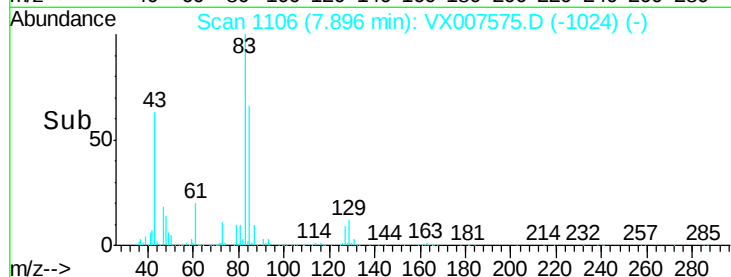
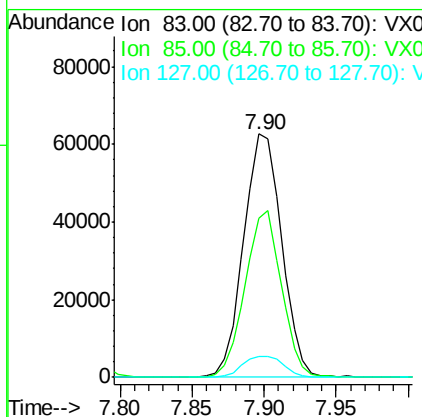
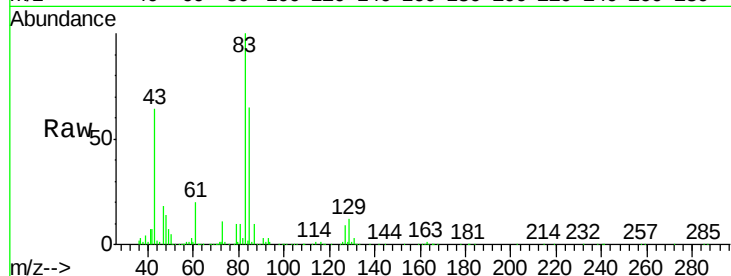
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	115116
Ion Ratio	Lower	Upper	
83	100		
85	65.4	51.1	76.7
127	8.7	7.2	10.8

Manual Integrations
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#42

Vinyl Acetate

Concen: 101.585 ug/l

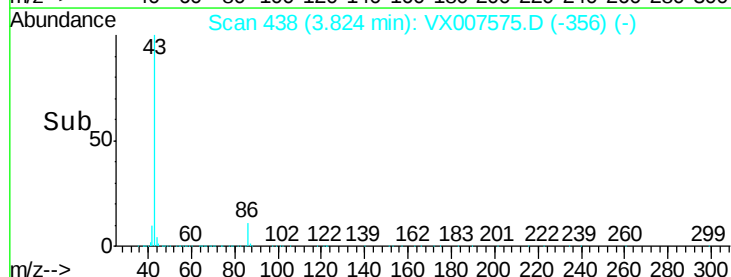
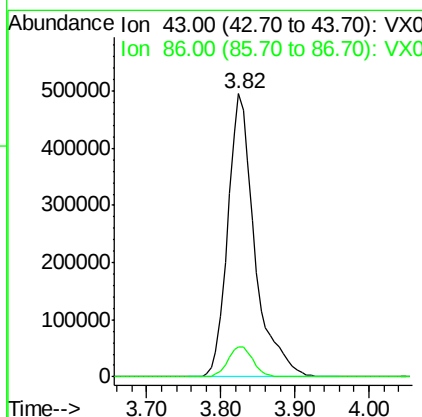
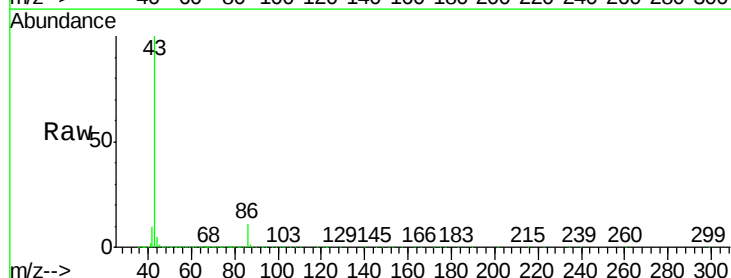
RT: 3.82 min Scan# 438

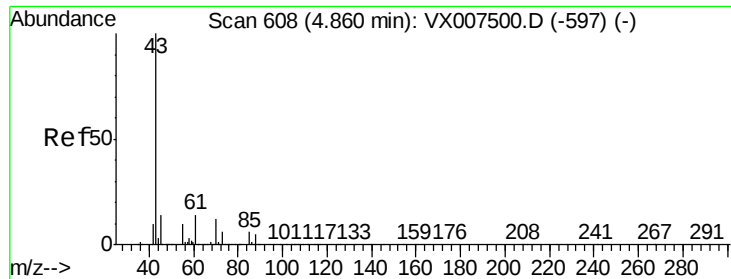
Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	43	Resp:	1251386
Ion Ratio	Lower	Upper	
43	100		
86	10.1	8.2	12.2





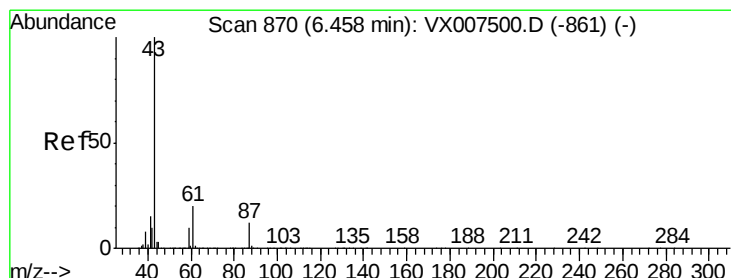
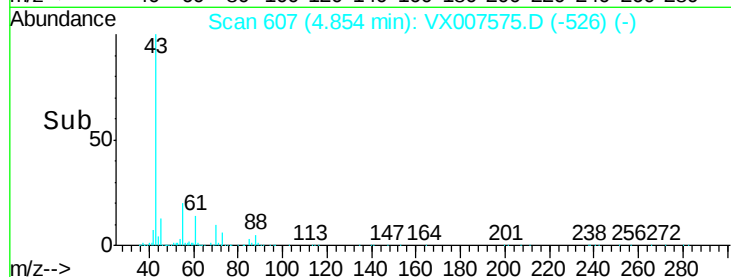
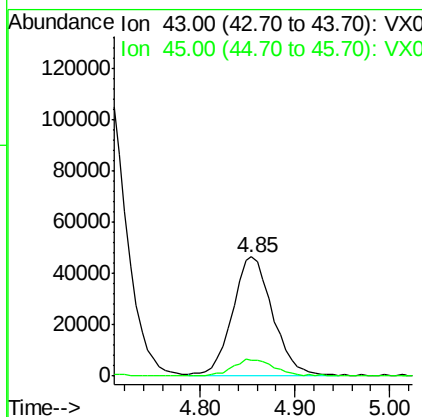
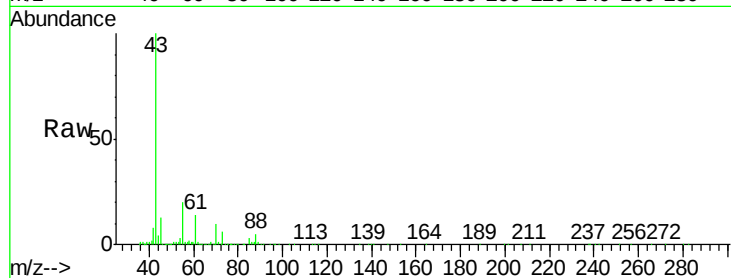
#43
Ethyl Acetate
Concen: 20.561 ug/l m
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100			
45	45	0.1	6.9	10.3	

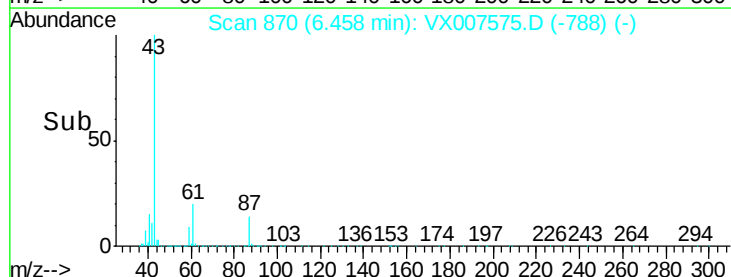
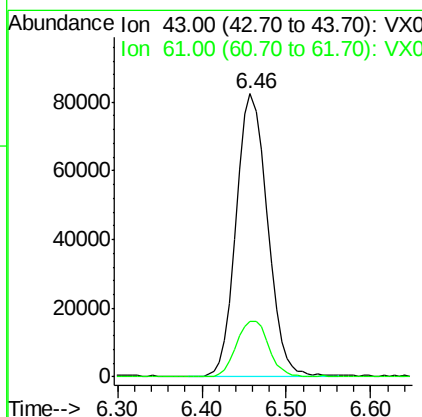
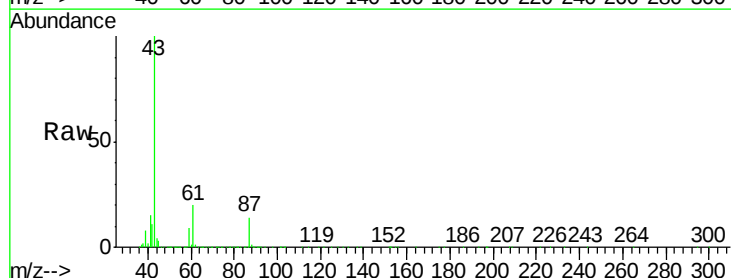
Manual Integrations
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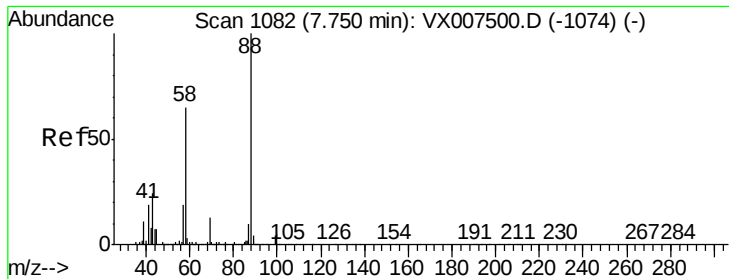
MMDadoda
2/18/2019 10:40:54 AM



#44
Isopropyl Acetate
Concen: 19.947 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100			
61	61	20.1	16.1	24.1	





#45

1,4-Dioxane

Concen: 382.939 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

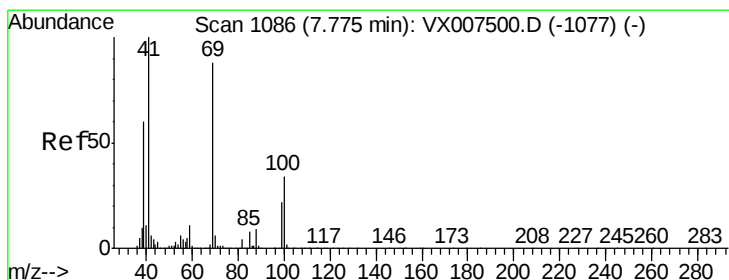
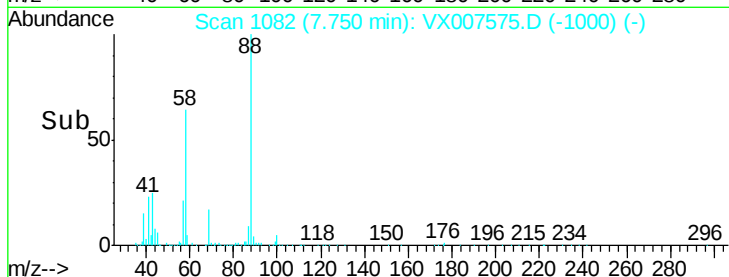
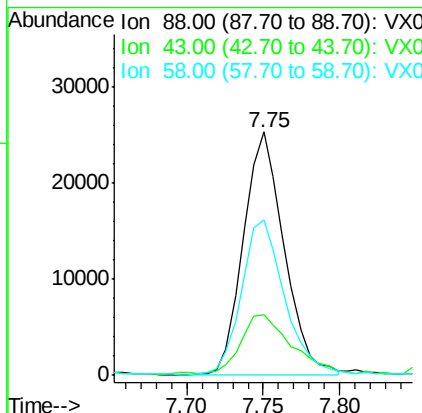
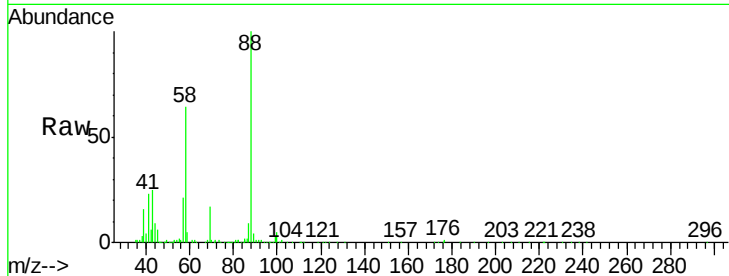
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	47028
Ion	Ratio	Lower	Upper
88	100		
43	29.4	23.6	35.4
58	68.1	51.6	77.4

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#46

Methyl methacrylate

Concen: 20.085 ug/l

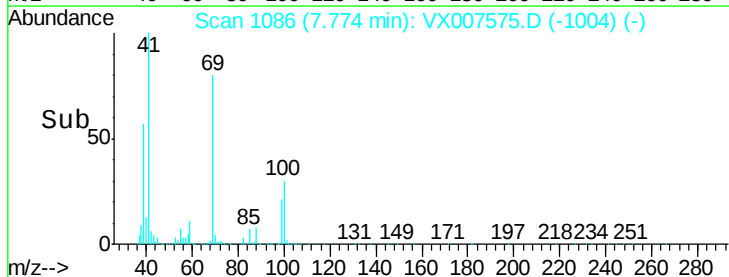
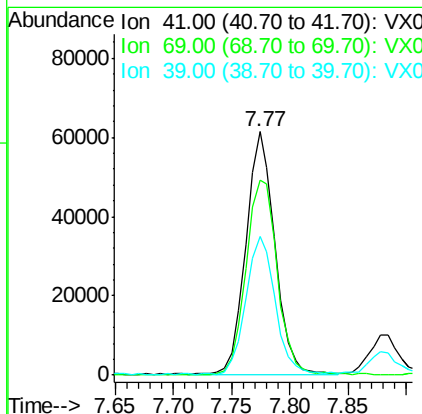
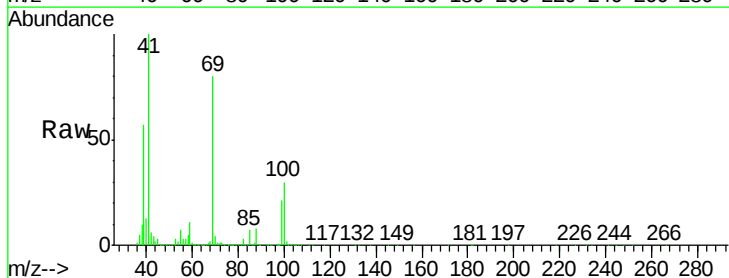
RT: 7.77 min Scan# 1086

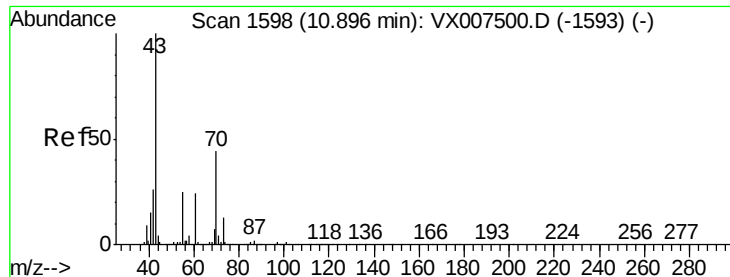
Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	41	Resp:	105836
Ion	Ratio	Lower	Upper
41	100		
69	80.4	44.2	132.6
39	56.3	29.9	89.8





#47

n-amvl Acetate

Concen: 20.022 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 183636

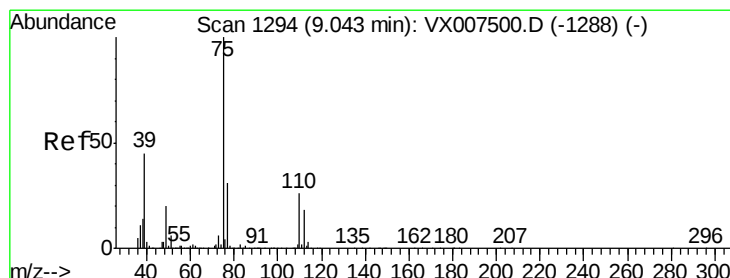
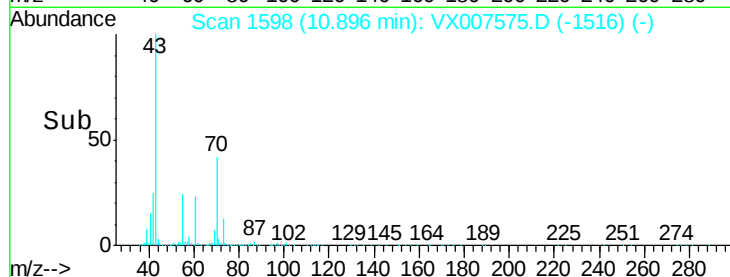
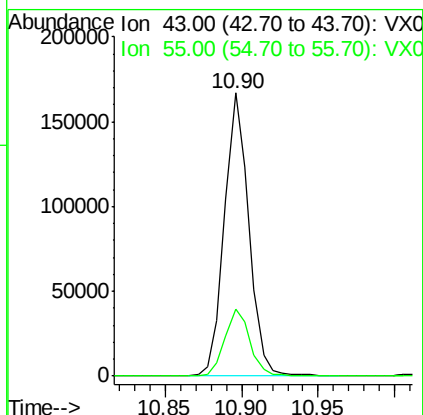
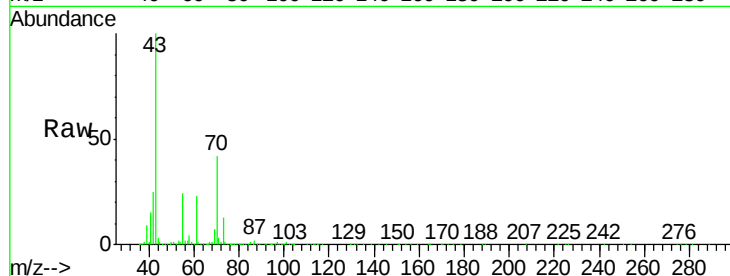
Ion Ratio Lower Upper

43 100

55 24.3 20.8 31.2

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#48

t-1,3-Dichloropropene

Concen: 19.447 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007575.D

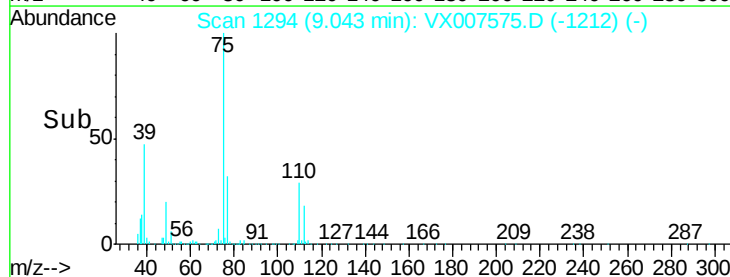
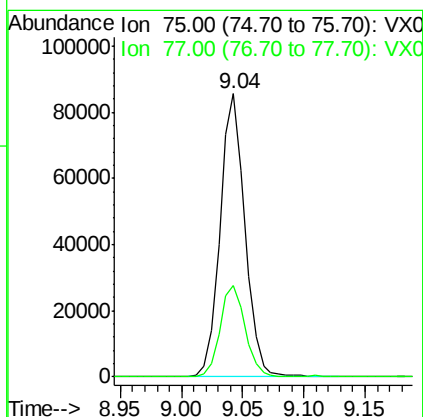
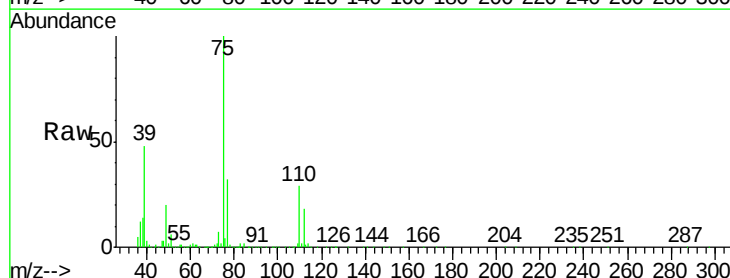
Acq: 15 Feb 2019 18:24

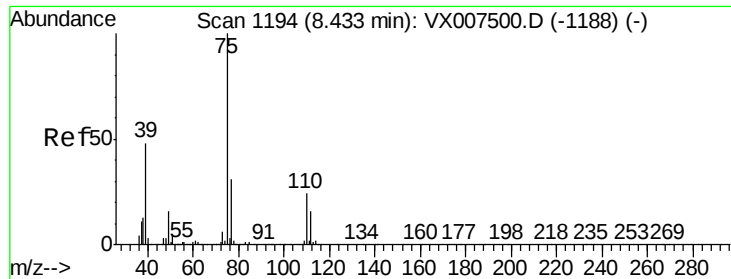
Tgt Ion: 75 Resp: 119986

Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7





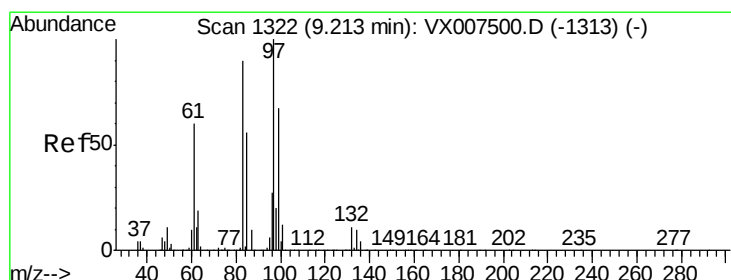
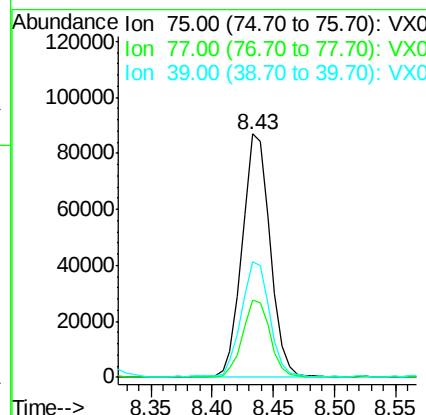
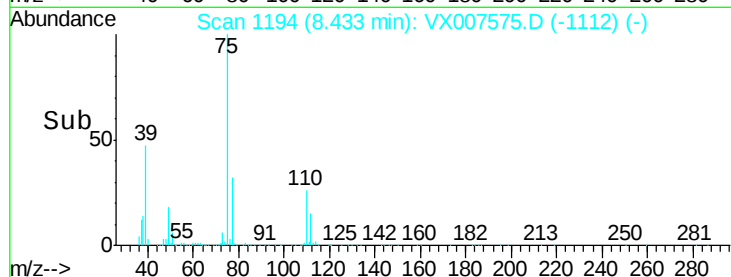
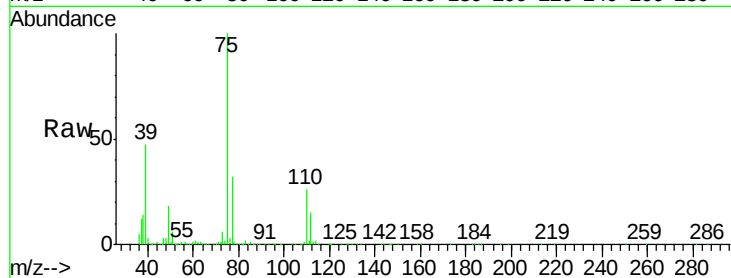
#49
 cis-1,3-Dichloropropene
 Concen: 20.042 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.4
39	47.1	38.5	57.7

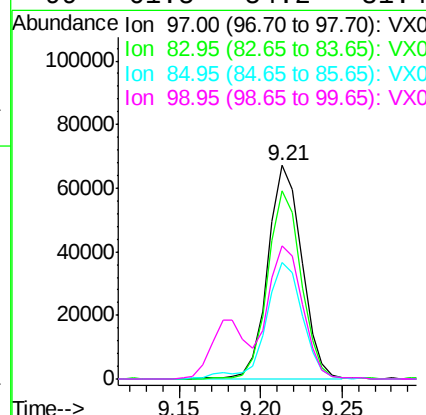
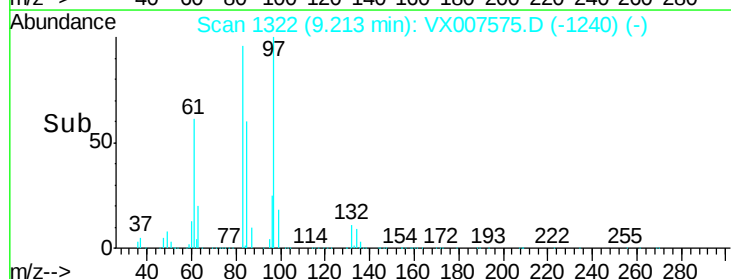
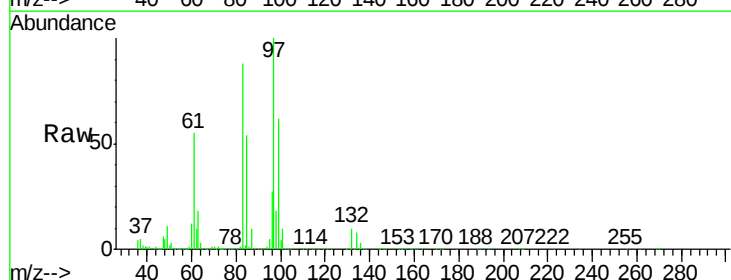
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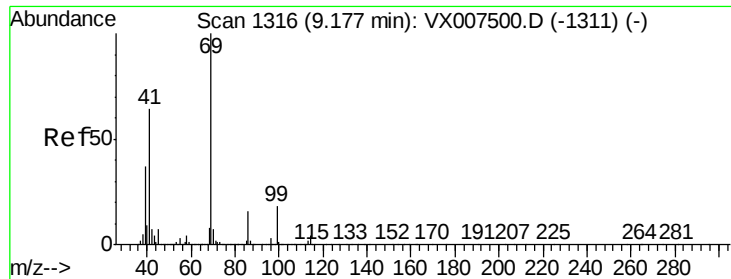
MMDadoda
 2/18/2019 10:40:54 AM



#50
 1,1,2-Trichloroethane
 Concen: 19.774 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.8	72.0	108.0
85	54.1	45.0	67.6
99	61.5	54.2	81.4





#51

Ethyl methacrylate

Concen: 20.395 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

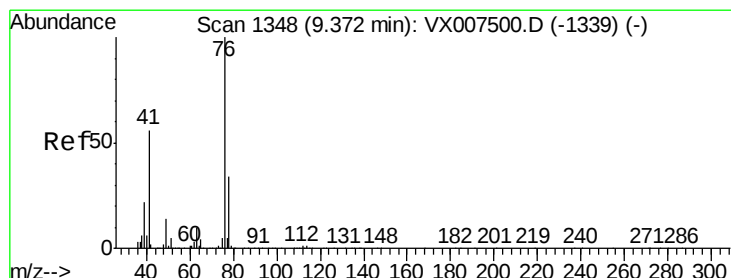
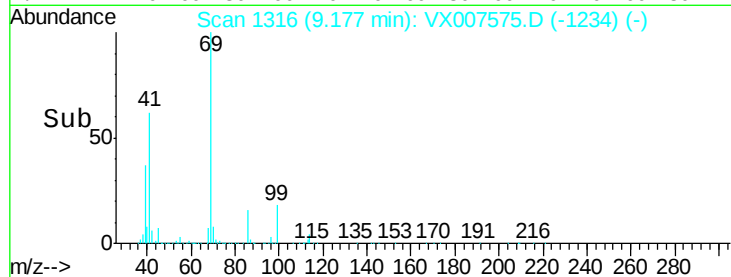
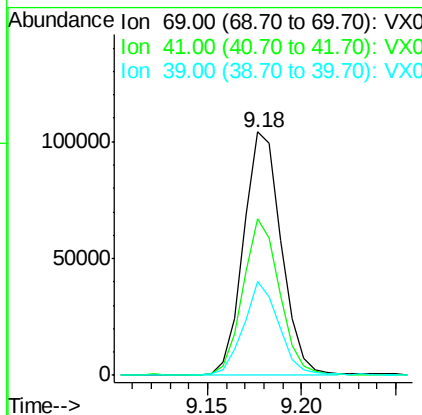
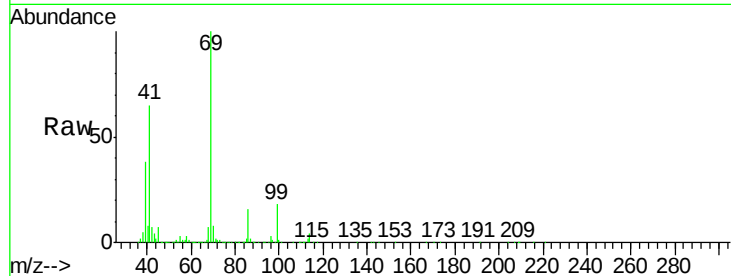
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	145192
Ion Ratio	Lower	Upper	
69	100		
41	64.3	32.1	96.5
39	38.0	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.317 ug/l

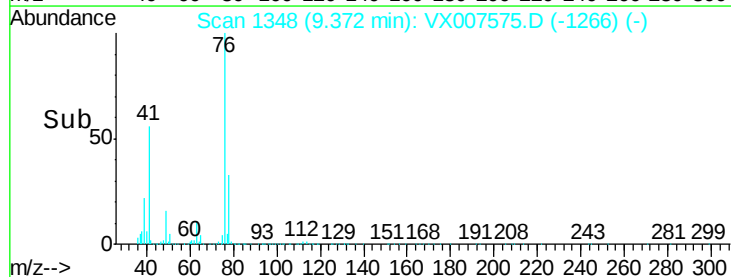
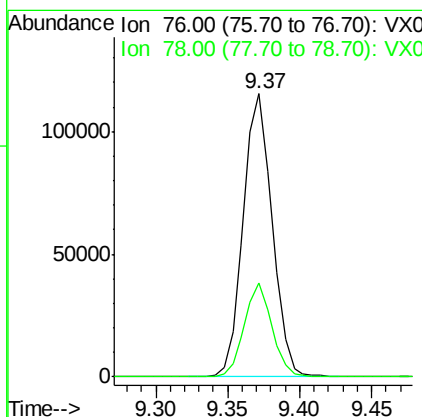
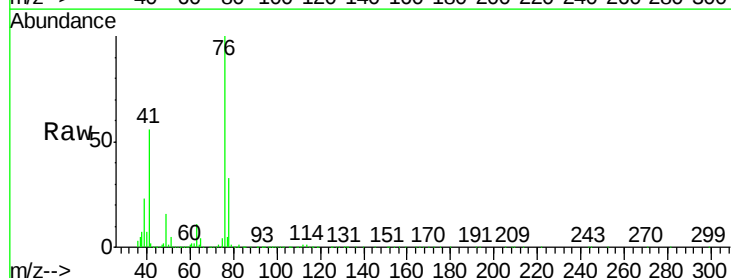
RT: 9.37 min Scan# 1348

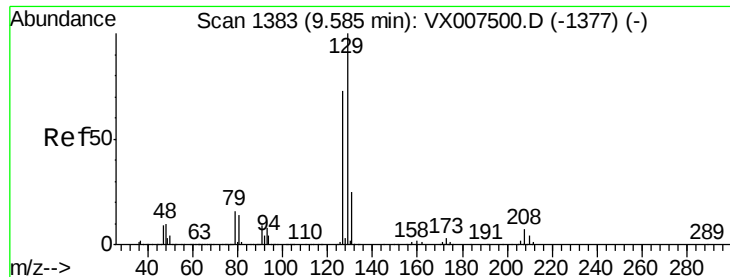
Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	76	Resp:	160925
Ion Ratio	Lower	Upper	
76	100		
78	31.8	0.0	65.2





#53

Dibromochloromethane

Concen: 19.139 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 97754

Ion Ratio Lower Upper

129 100

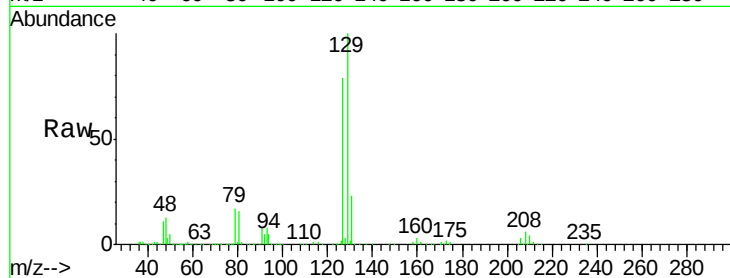
127 76.3 38.4 115.2

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.58

60000

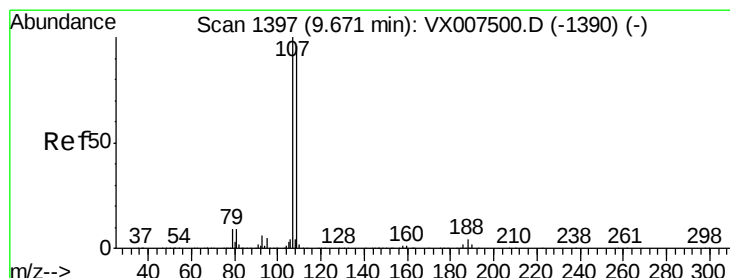
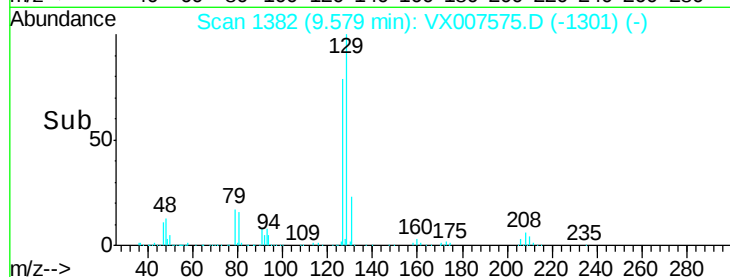
40000

20000

0

9.55 9.60 9.65

Time-->



#54

1,2-Dibromoethane

Concen: 19.794 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007575.D

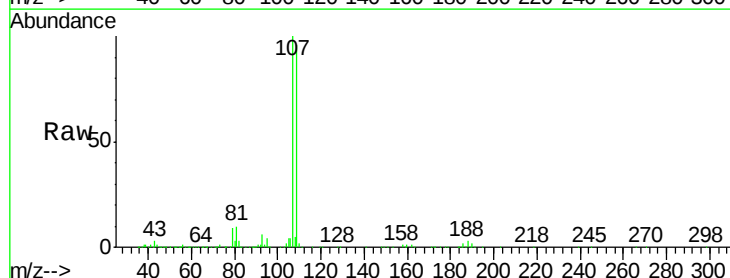
Acq: 15 Feb 2019 18:24

Tgt Ion:107 Resp: 106432

Ion Ratio Lower Upper

107 100

109 94.8 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

80000

60000

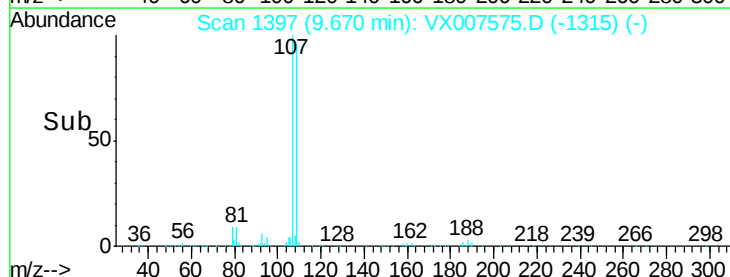
40000

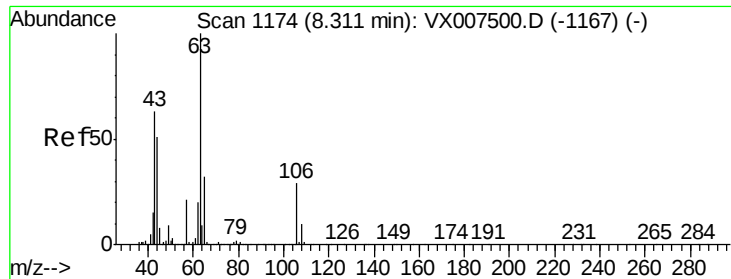
20000

0

9.60 9.65 9.70 9.75

Time-->





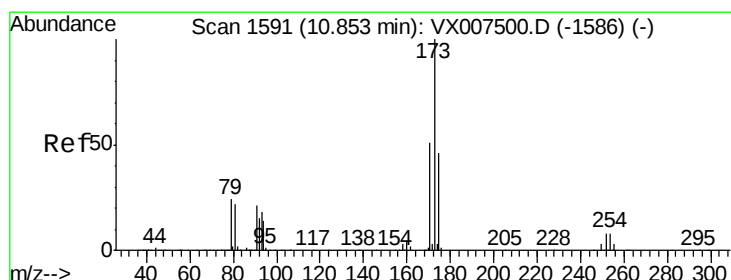
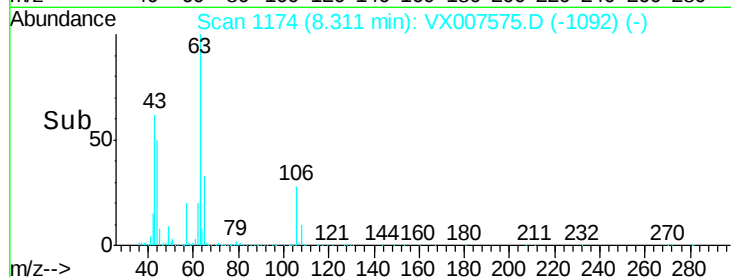
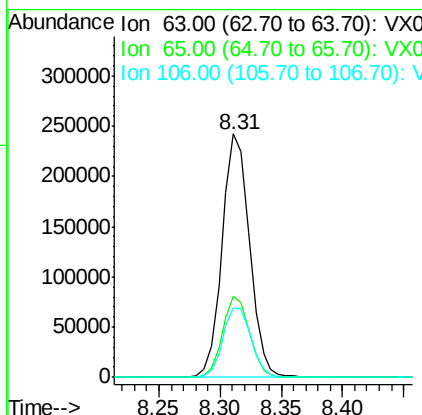
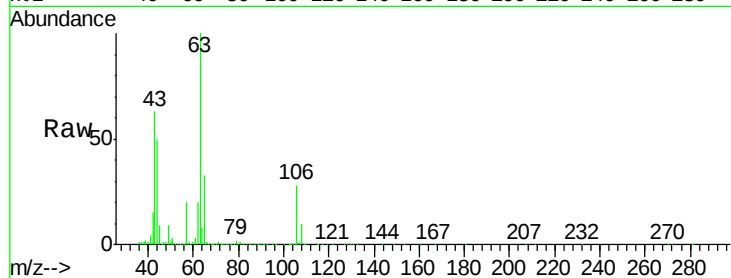
#55
2-Chloroethyl vinyl ether
Concen: 104.177 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.7	38.5
106	29.5	23.7	35.5

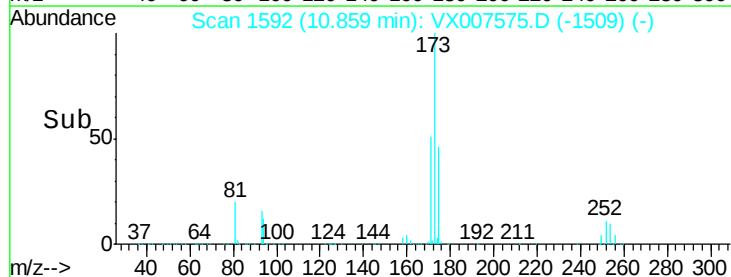
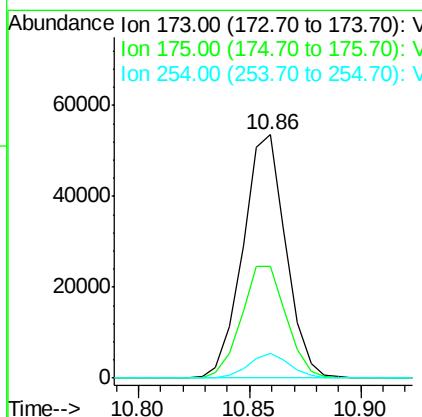
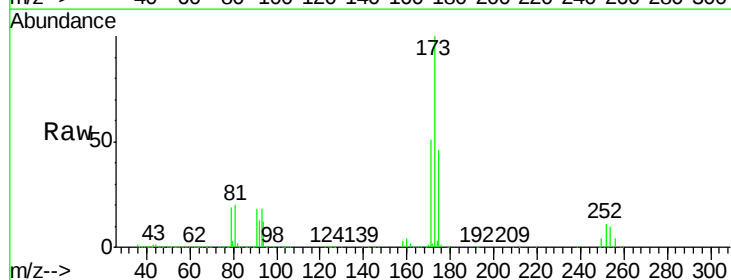
Manual Integrations
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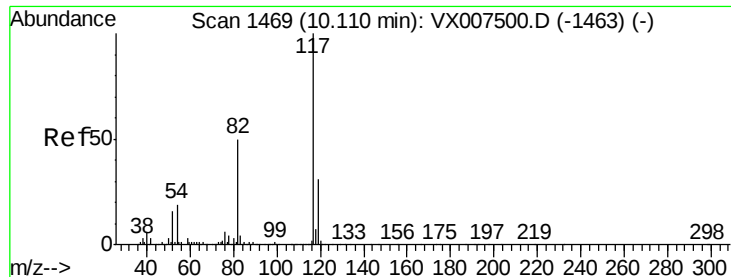
MMDadoda
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#56
Bromoform
Concen: 18.683 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.5	57.7
254	9.8	7.4	11.2





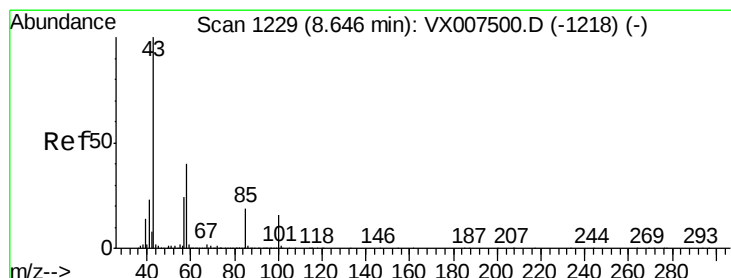
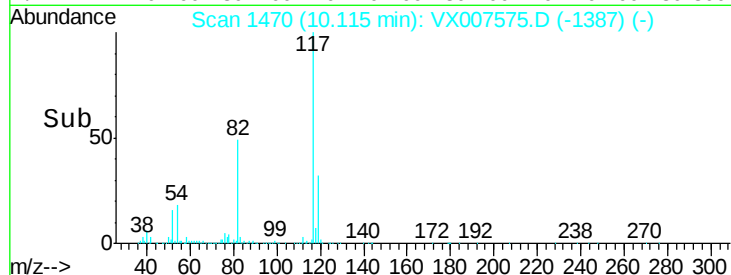
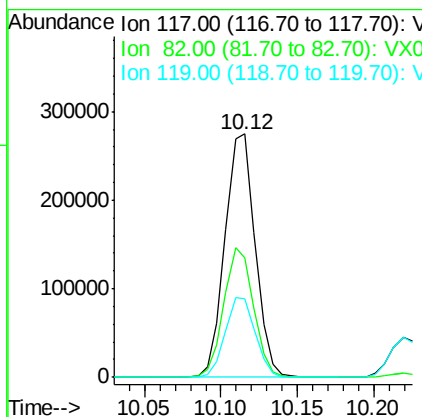
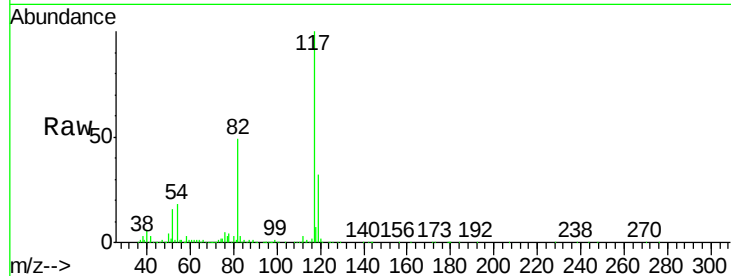
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	40.4	60.6
119	32.6	25.8	38.6

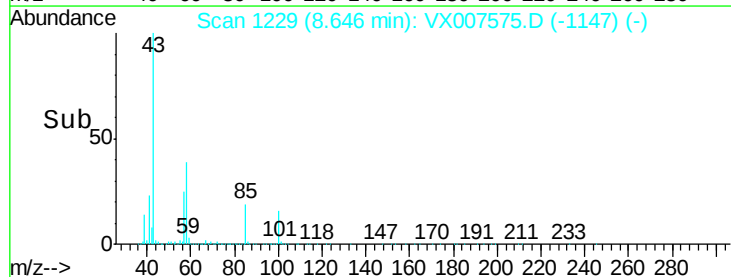
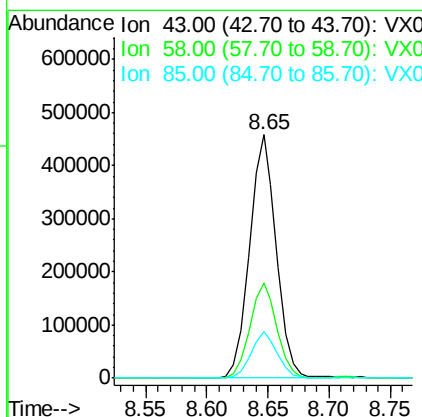
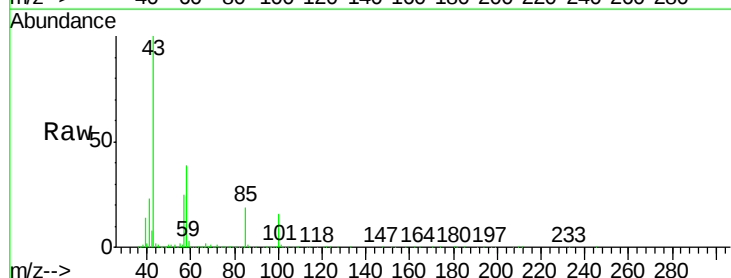
Manual Integrations
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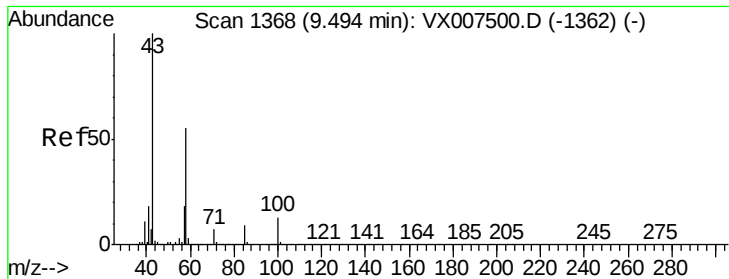
MMDadoda
2/18/2019 10:40:54 AM



#58
4-Methyl-2-Pentanone
Concen: 102.635 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.4	47.0
85	18.6	15.0	22.6





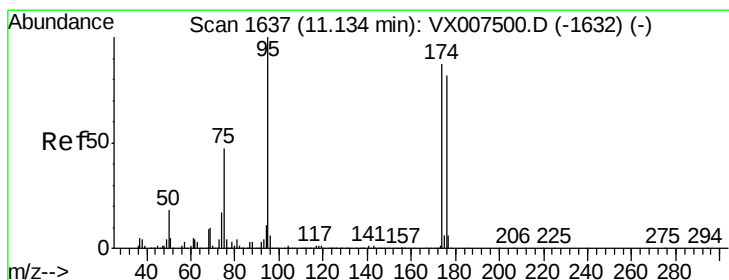
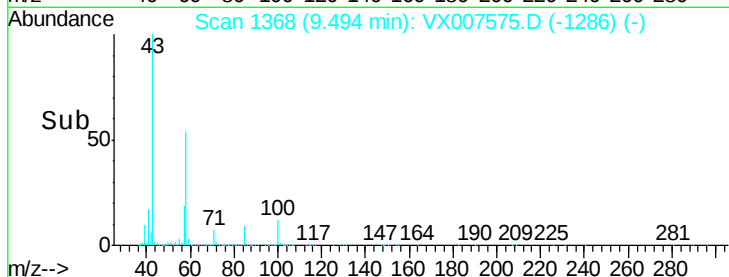
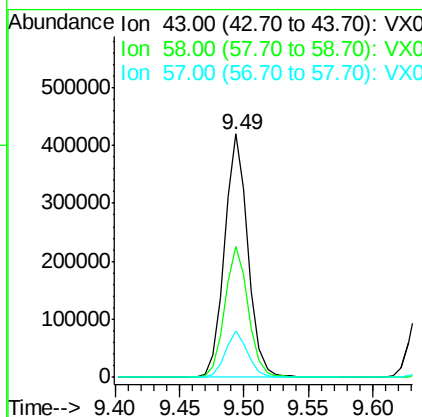
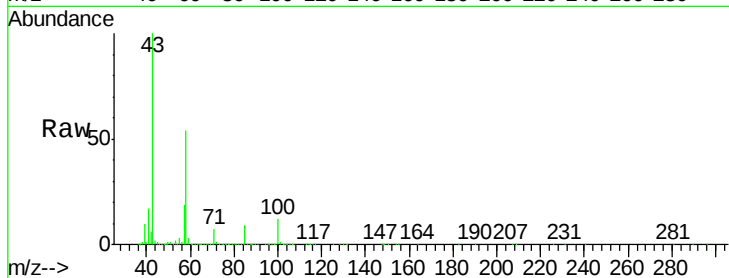
#59
2-Hexanone
Concen: 104.104 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.9	43.9	65.9
57	18.4	14.9	22.3

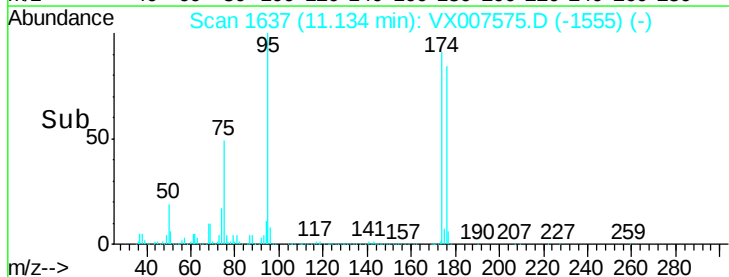
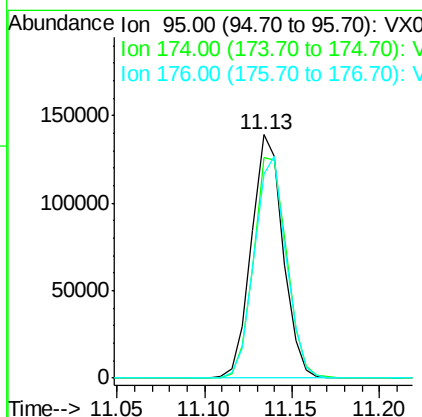
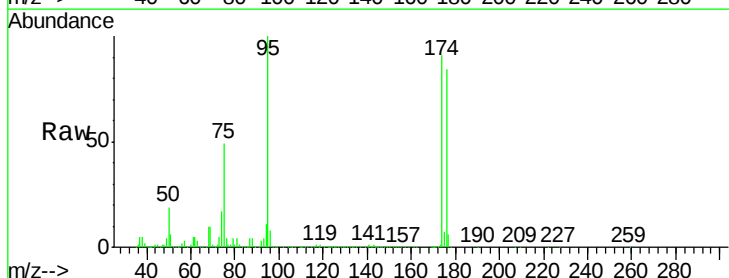
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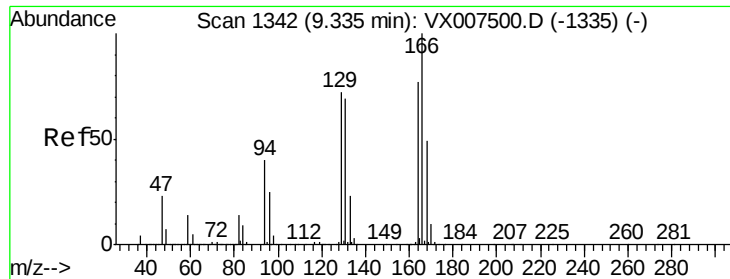
MMDadoda
2/18/2019 10:40:54 AM



#60
4-Bromofluorobenzene
Concen: 30.380 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.7	74.9	112.3
176	91.3	70.7	106.1





#61

Tetrachloroethene

Concen: 20.596 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

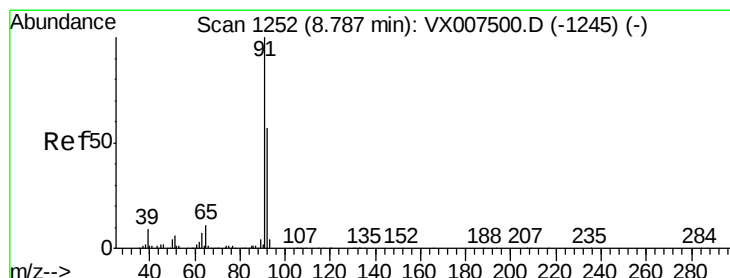
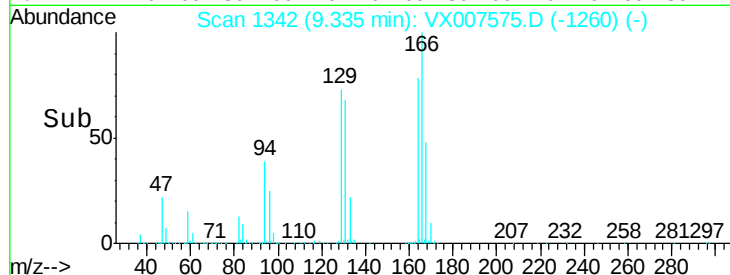
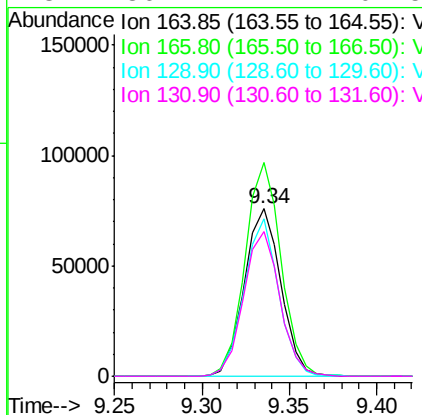
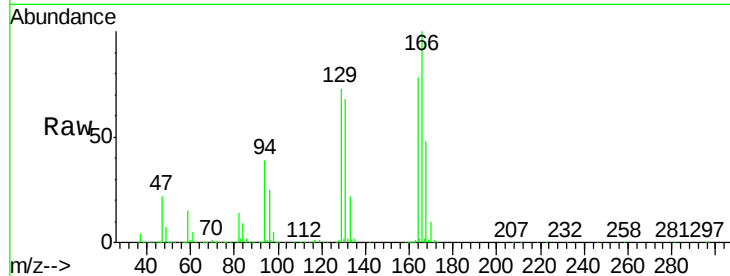
ClientSampleId :

VSTDCCC020EC

Tot Ion:	164	Resp:	110079
Ion	Ratio	Lower	Upper
164	100		
166	127.5	103.9	155.9
129	93.6	74.7	112.1
131	86.1	71.7	107.5

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#62

Toluene

Concen: 20.131 ug/l

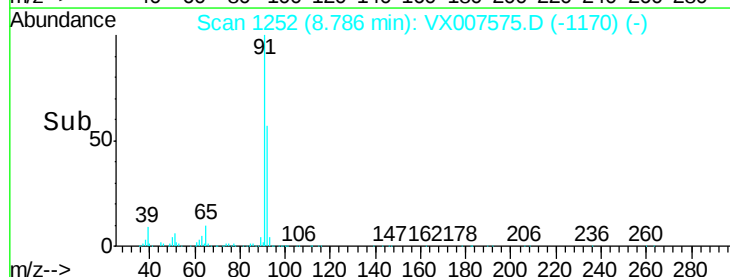
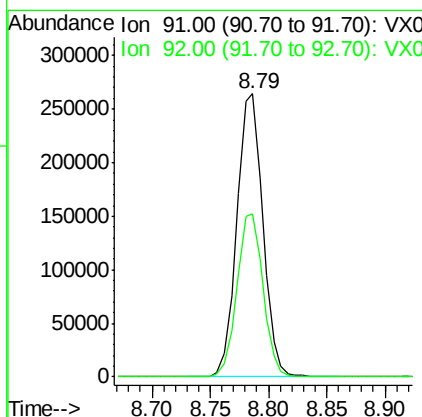
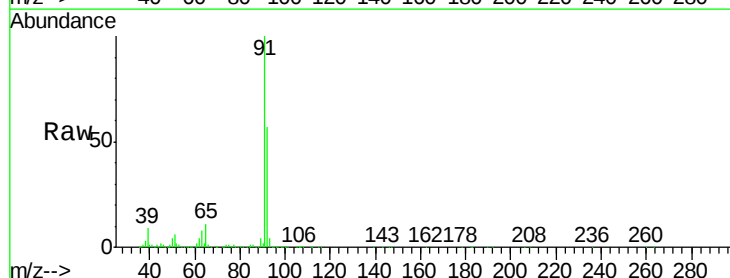
RT: 8.79 min Scan# 1252

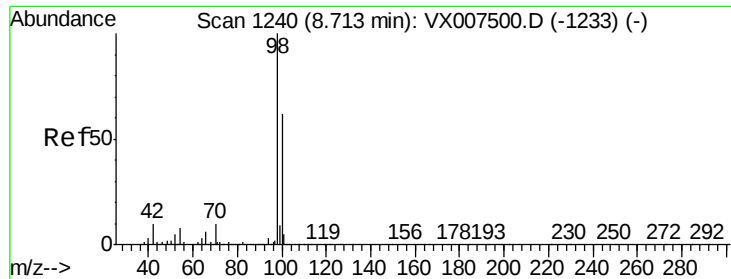
Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	91	Resp:	412775
Ion	Ratio	Lower	Upper
91	100		
92	57.5	46.4	69.6





#63

Toluene-d8

Concen: 30.239 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 514566

Ion Ratio Lower Upper

98 100

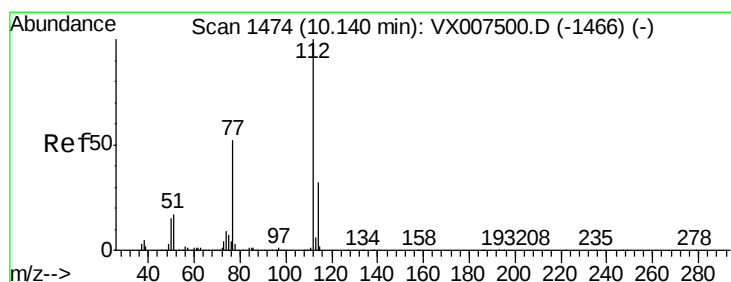
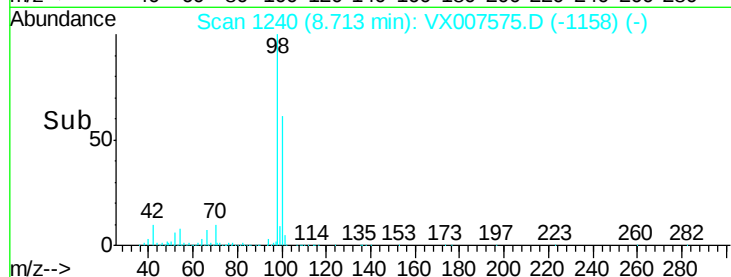
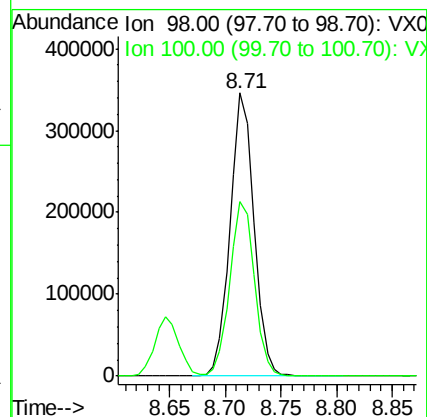
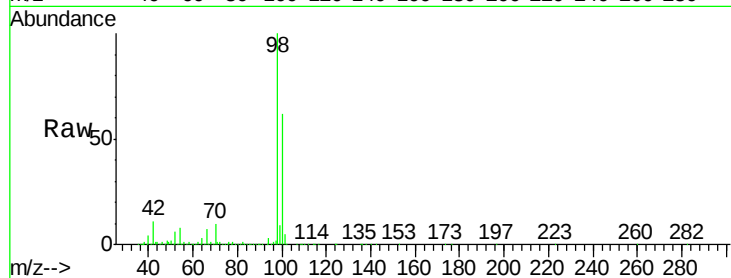
100 63.0 50.9 76.3

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#64

Chlorobenzene

Concen: 20.241 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007575.D

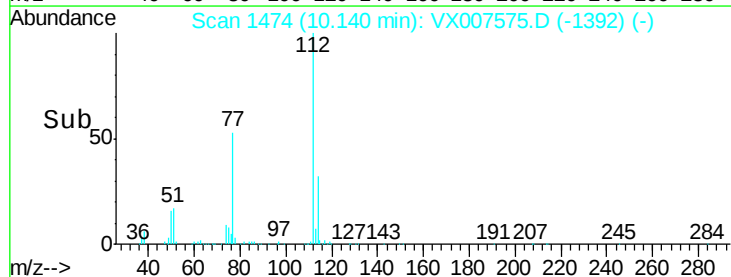
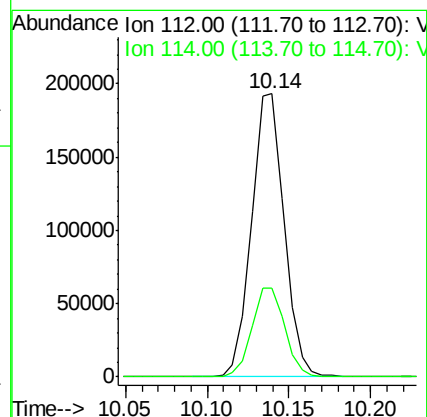
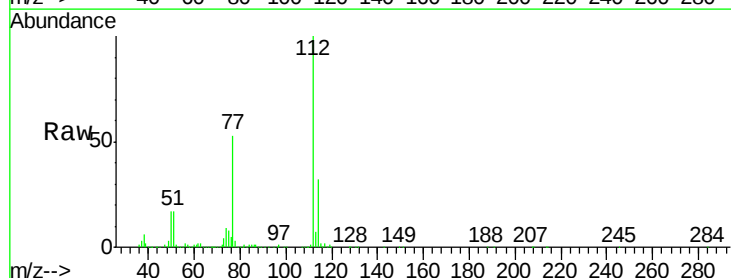
Acq: 15 Feb 2019 18:24

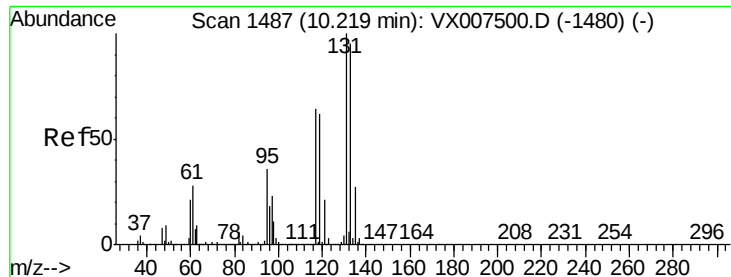
Tgt Ion: 112 Resp: 269707

Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.652 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

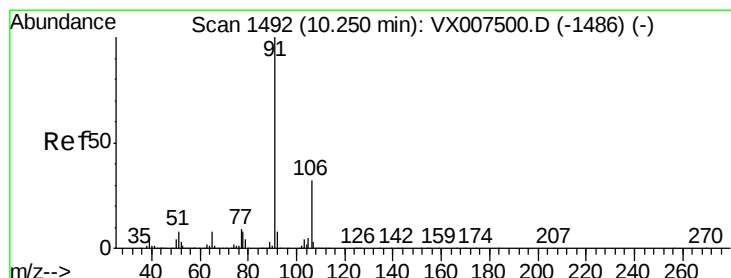
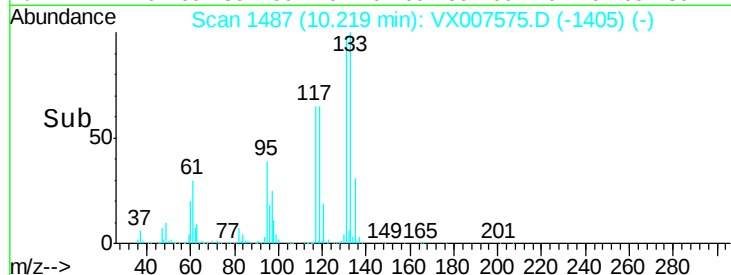
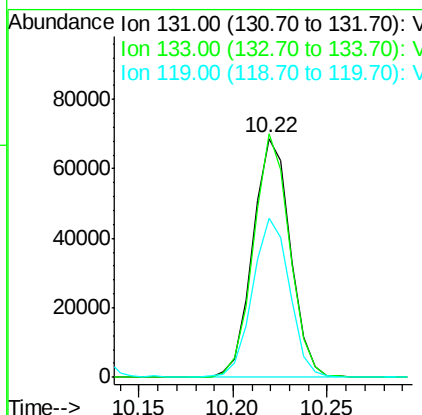
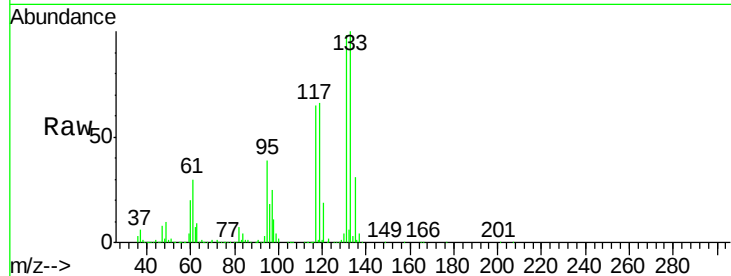
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	94847
Ion Ratio	Lower	Upper	
131	100		
133	97.5	0.0	191.6
119	65.8	0.0	127.4

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#66

Ethyl Benzene

Concen: 19.971 ug/l

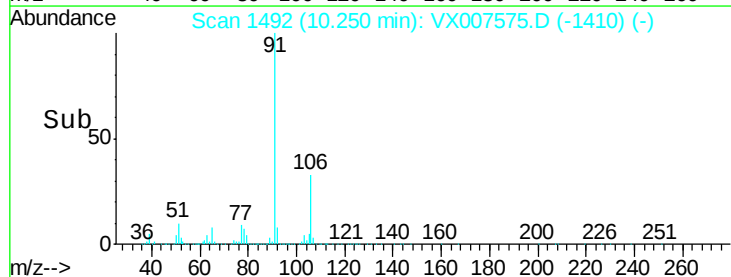
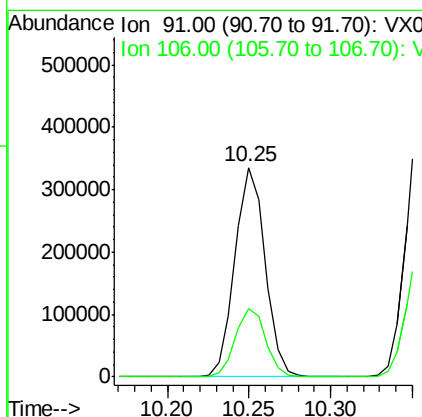
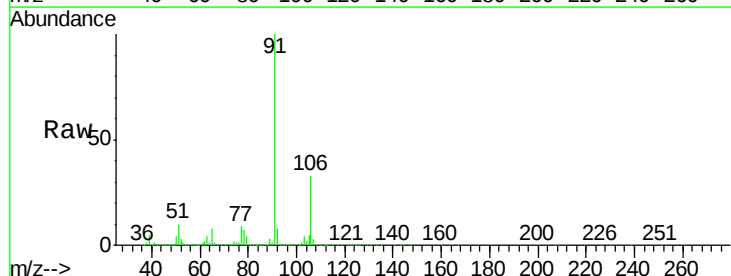
RT: 10.25 min Scan# 1492

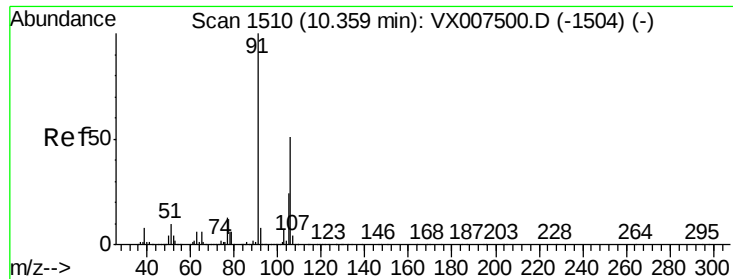
Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	91	Resp:	434534
Ion Ratio	Lower	Upper	
91	100		
106	32.8	26.0	39.0





#67

m/p-Xylenes

Concen: 39.450 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 336676

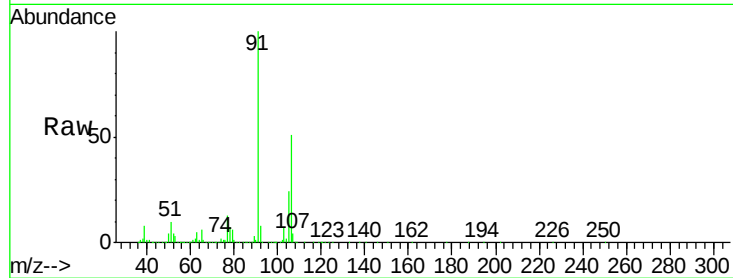
Ion Ratio Lower Upper

106 100

91 198.9 157.0 235.4

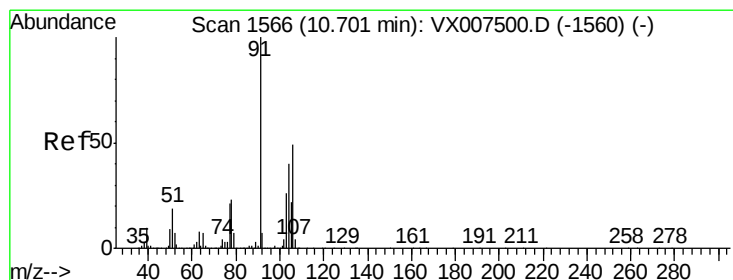
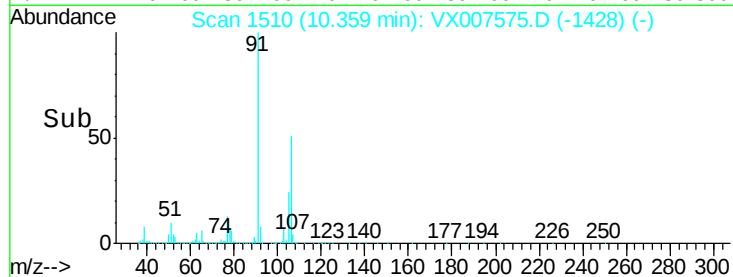
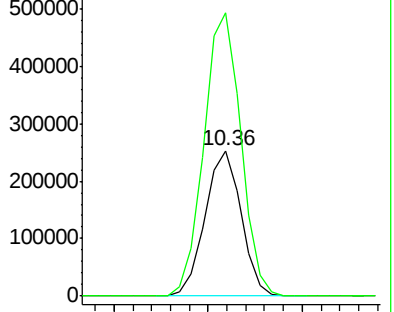
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.940 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX007575.D

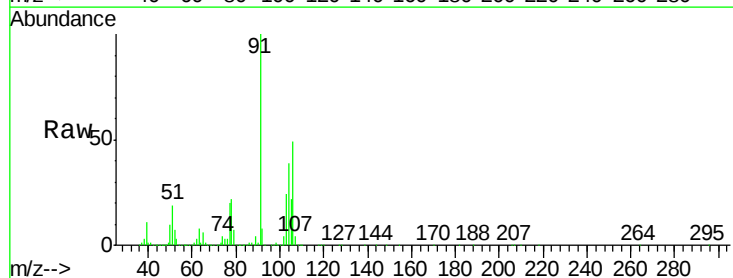
Acq: 15 Feb 2019 18:24

Tgt Ion:106 Resp: 165971

Ion Ratio Lower Upper

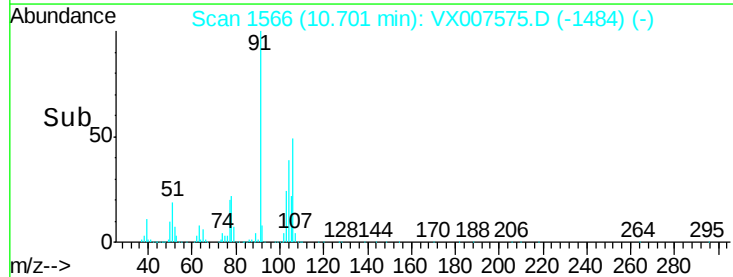
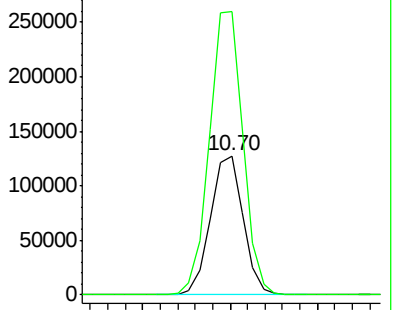
106 100

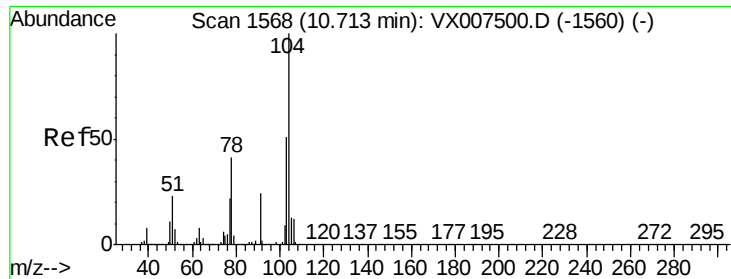
91 208.0 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





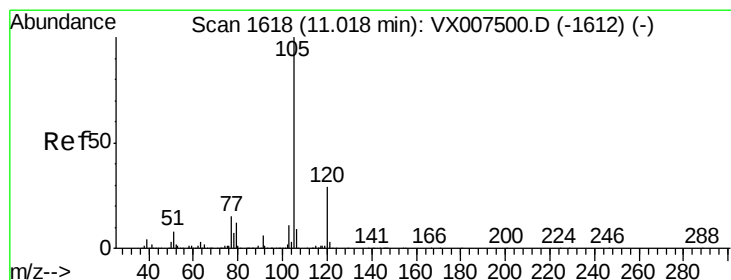
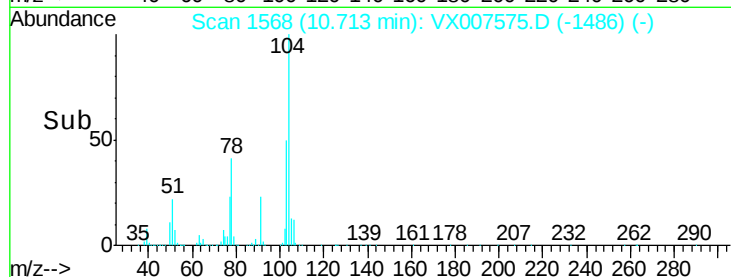
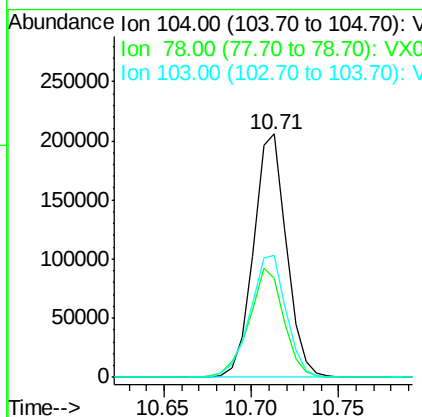
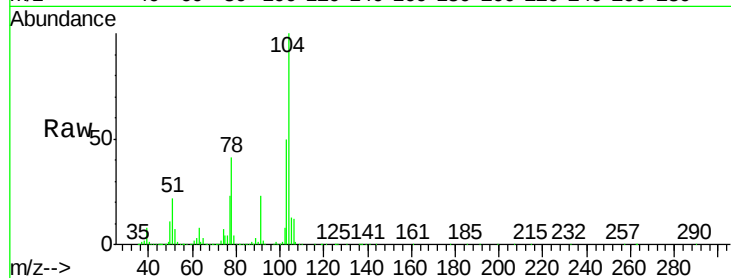
#69
Stvrene
Concen: 20.017 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.4	38.2	57.2
103	55.1	45.0	67.4

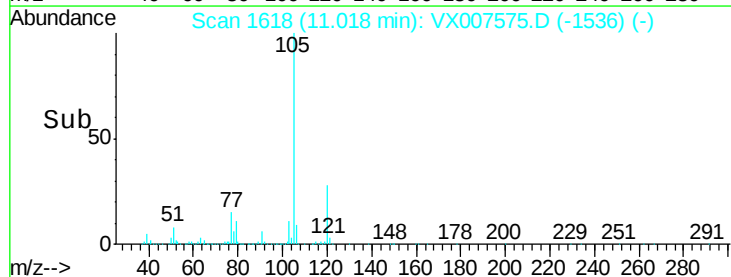
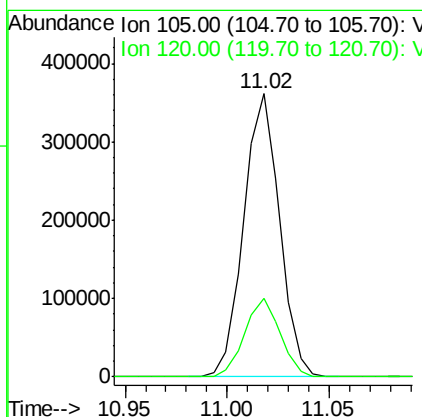
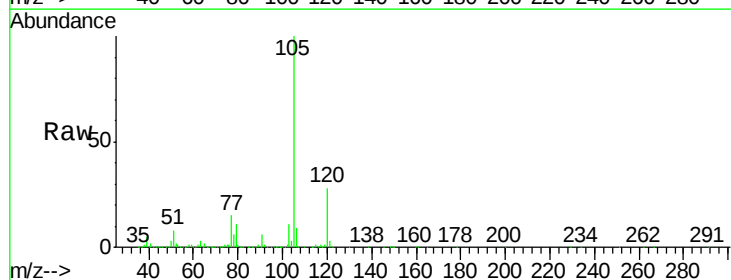
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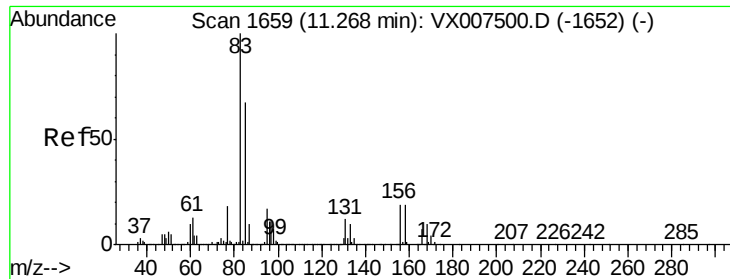
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#70
Isopropylbenzene
Concen: 20.063 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	19.8	36.8





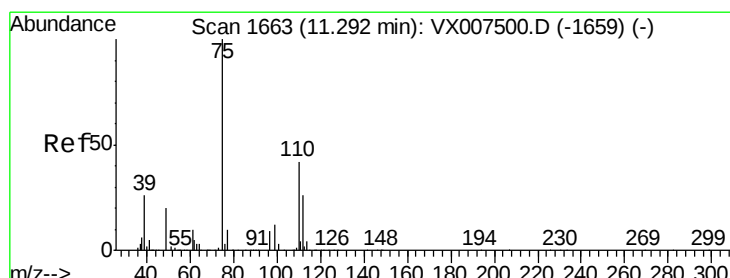
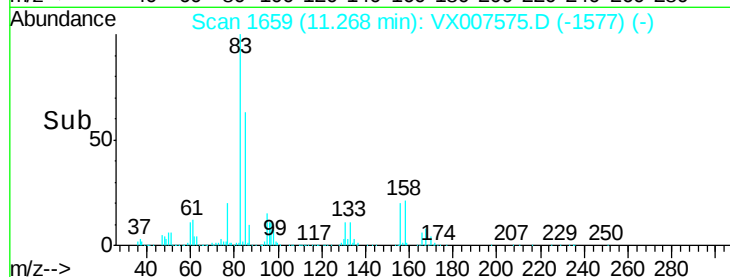
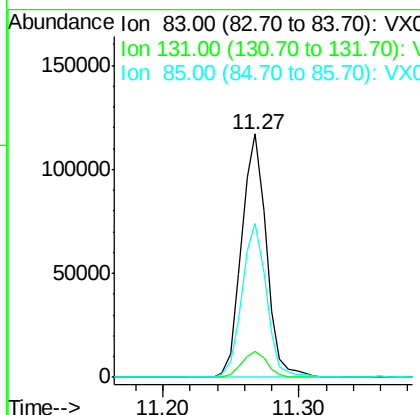
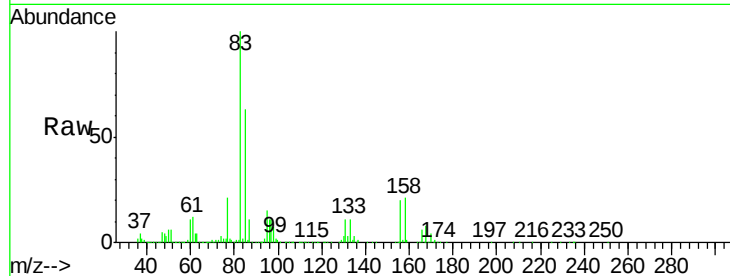
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.538 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.4	16.2
85	62.7	32.8	98.4

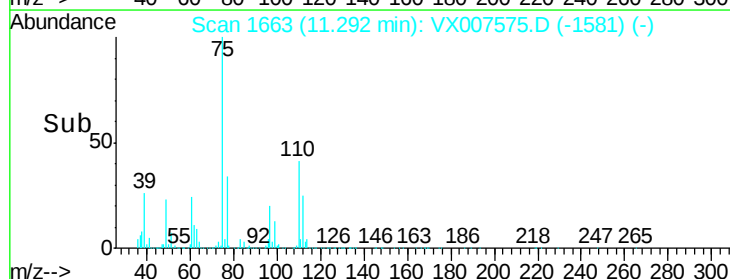
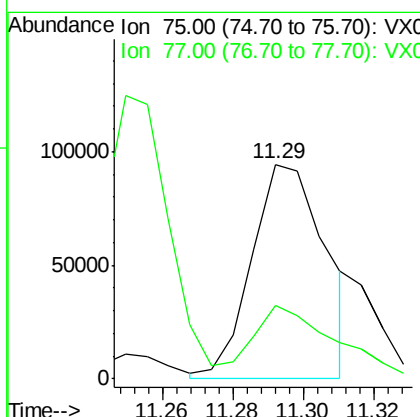
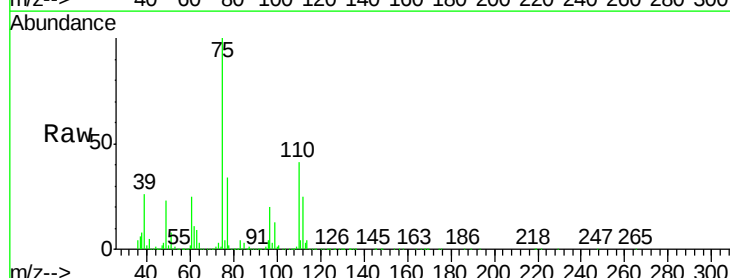
Manual Integrations
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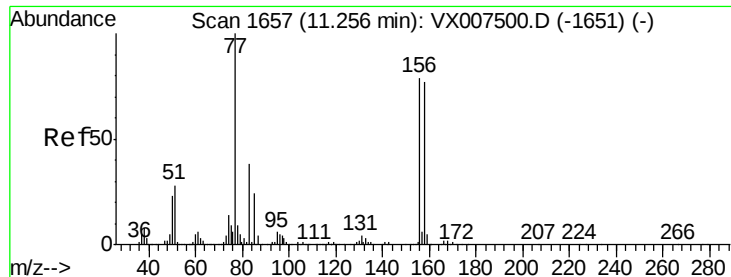
MMDadoda
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#72
 1,2,3-Trichloropropane
 Concen: 20.785 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.3	0.0	76.4





#73

Bromobenzene

Concen: 20.289 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

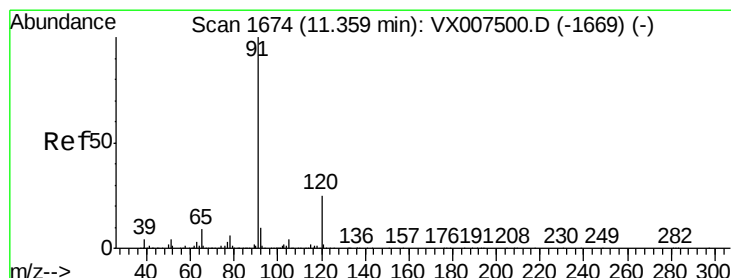
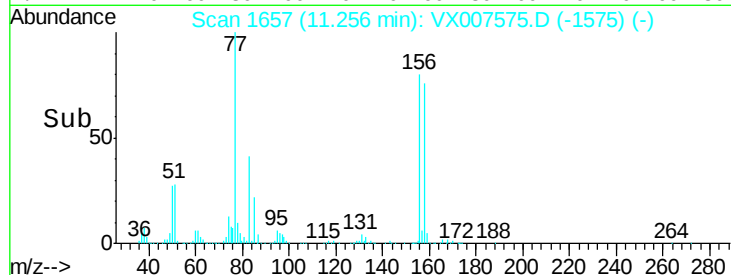
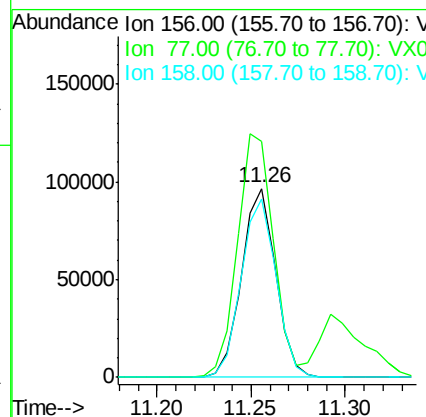
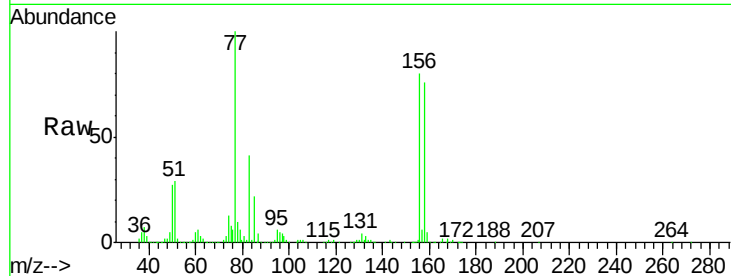
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	121637
Ion Ratio	Lower	Upper	
156	100		
77	134.8	0.0	271.4
158	96.5	0.0	194.0

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#74

n-propylbenzene

Concen: 20.203 ug/l

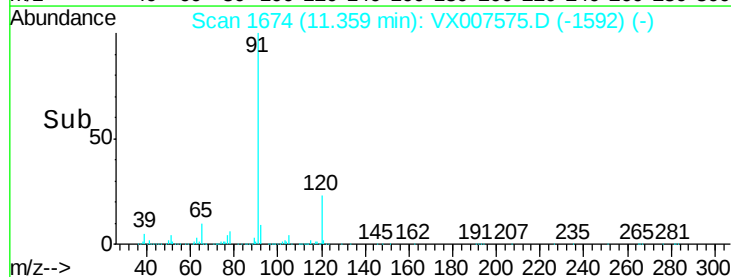
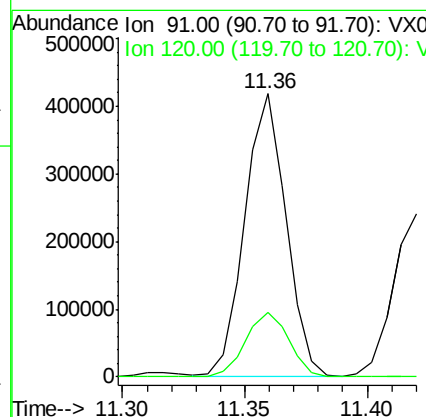
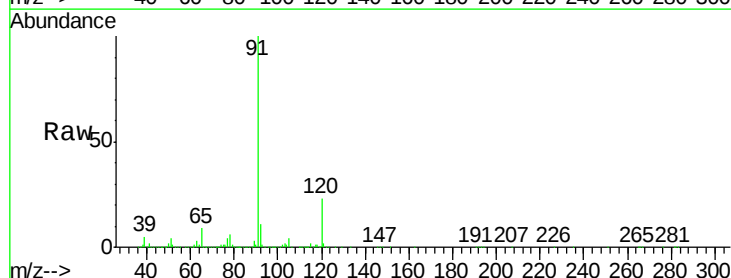
RT: 11.36 min Scan# 1674

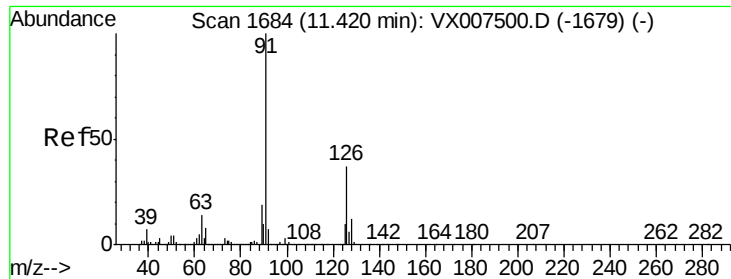
Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	91	Resp:	492591
Ion Ratio	Lower	Upper	
91	100		
120	23.7	0.0	48.6





#75

2-Chlorotoluene

Concen: 20.318 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 296204

Ion Ratio Lower Upper

91 100

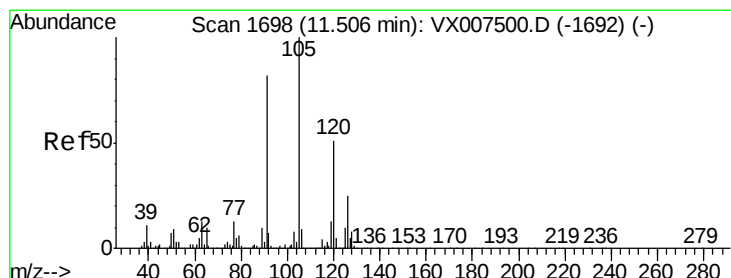
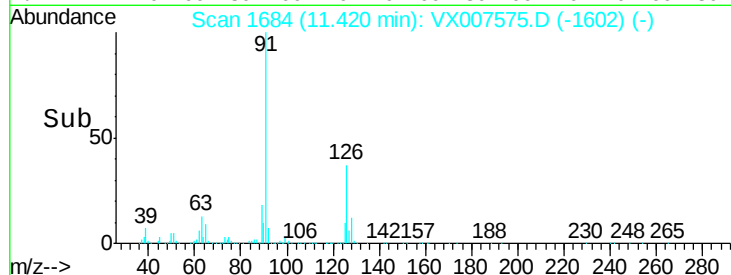
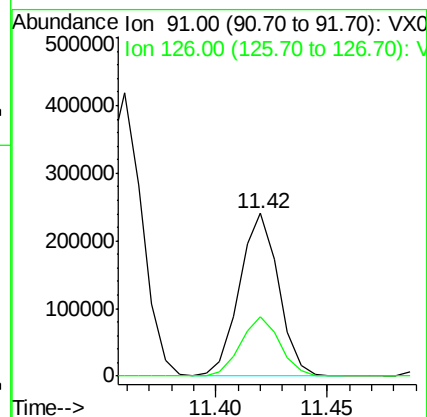
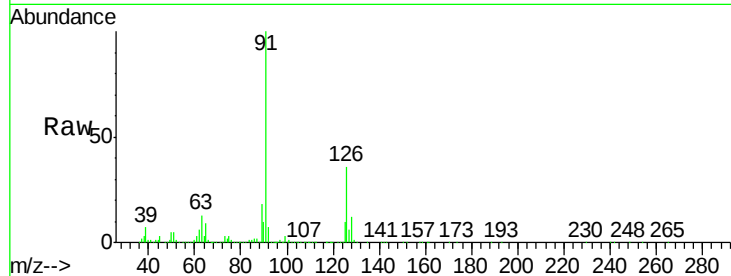
126 36.2 0.0 75.2

Manual Integrations

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2/18/2019 10:40:54 AM



#76

1,3,5-Trimethylbenzene

Concen: 19.935 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007575.D

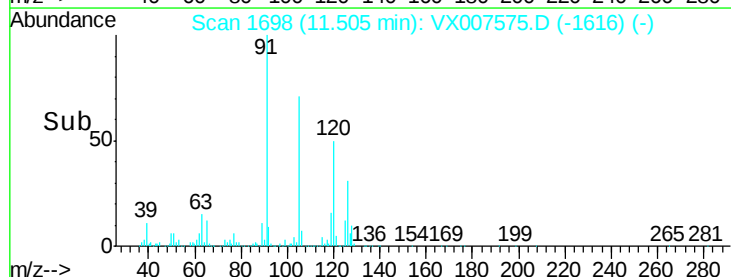
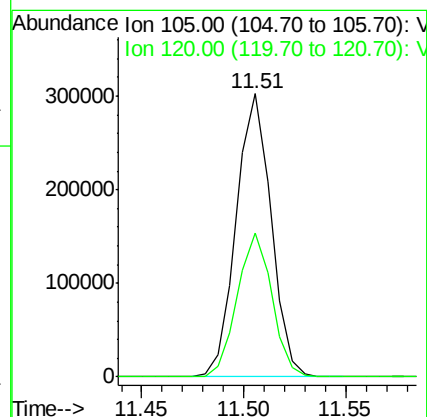
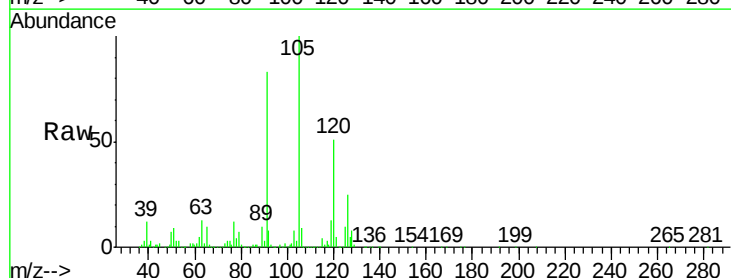
Acq: 15 Feb 2019 18:24

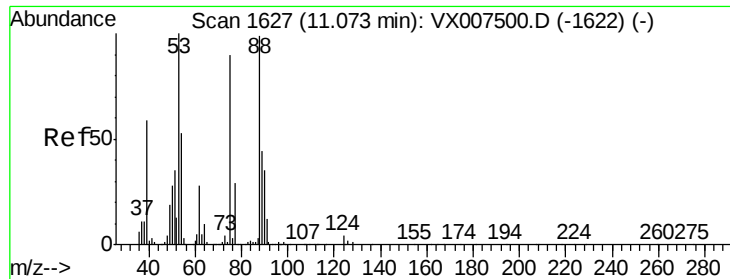
Tgt Ion: 105 Resp: 357340

Ion Ratio Lower Upper

105 100

120 50.4 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 20.271 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

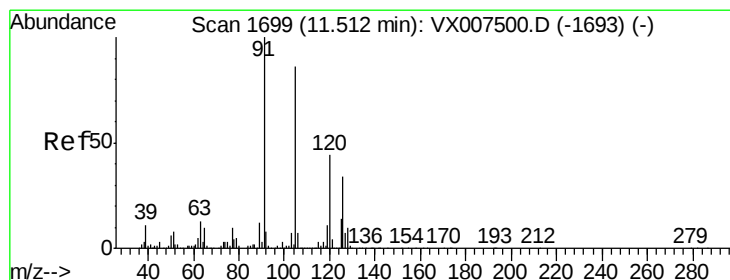
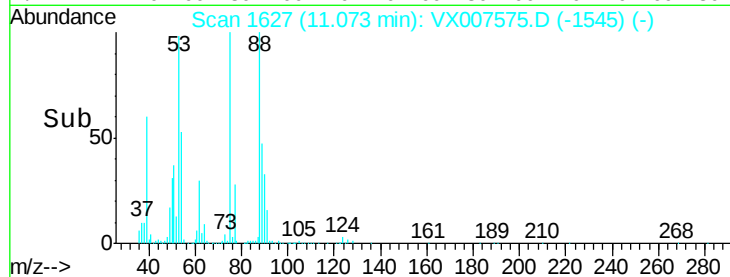
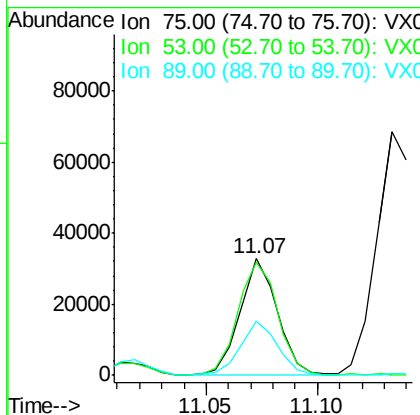
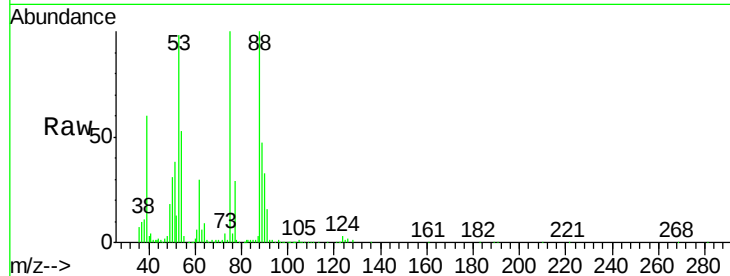
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	38835
Ion	Ratio	Lower	Upper
75	100		
53	97.8	55.5	166.7
89	47.3	24.4	73.2

Manual Integrations
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2/18/2019 10:40:54 AM



#78

4-Chlorotoluene

Concen: 20.222 ug/l

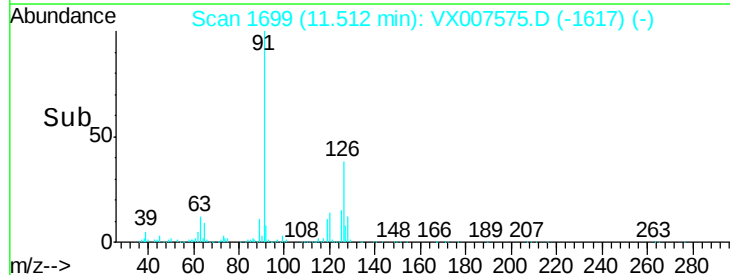
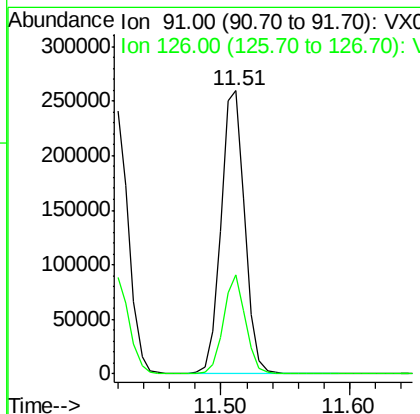
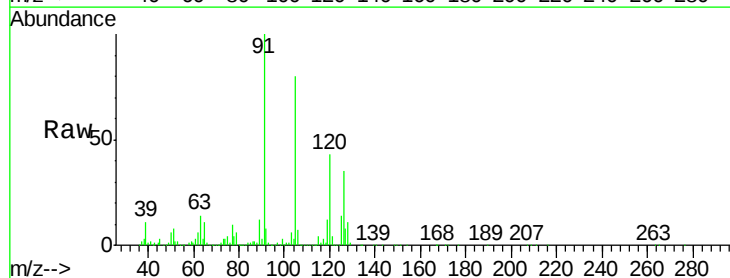
RT: 11.51 min Scan# 1699

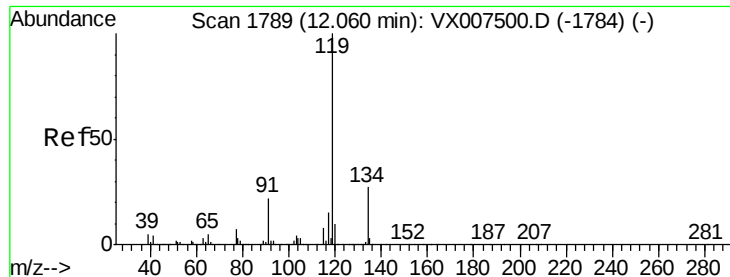
Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	91	Resp:	336496
Ion	Ratio	Lower	Upper
91	100		
126	32.4	0.0	66.2





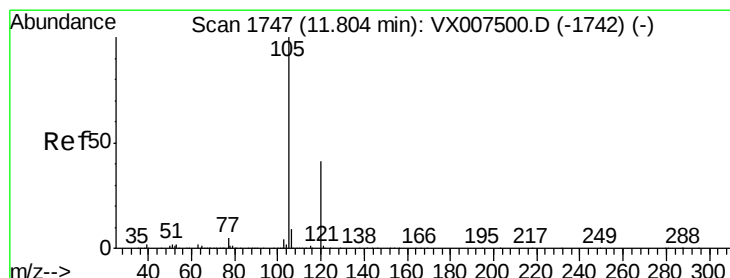
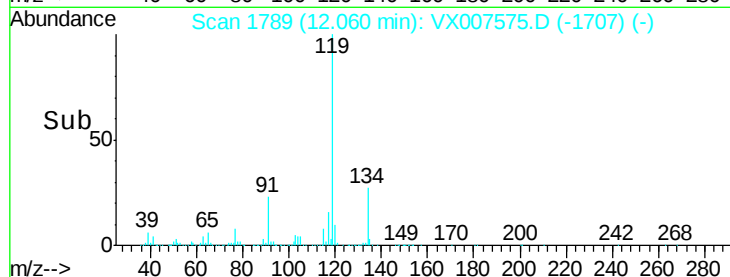
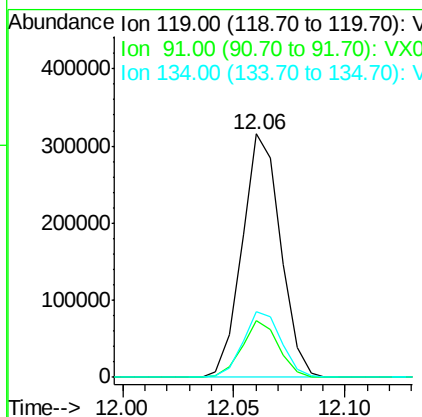
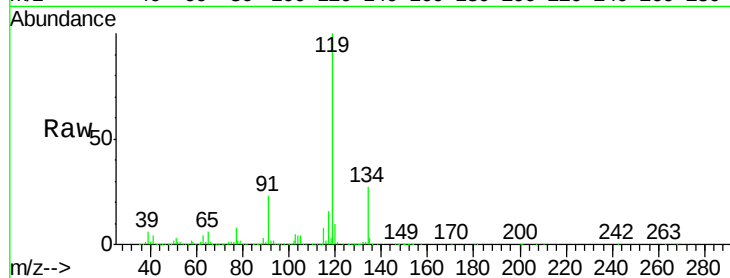
#79
tert-butylbenzene
Concen: 20.013 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	380932		
91	22.3	0.0	45.0	
134	26.9	0.0	55.4	

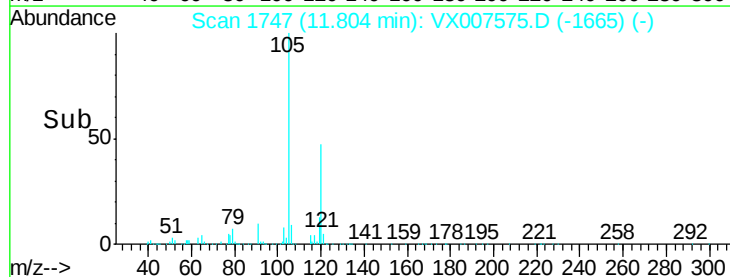
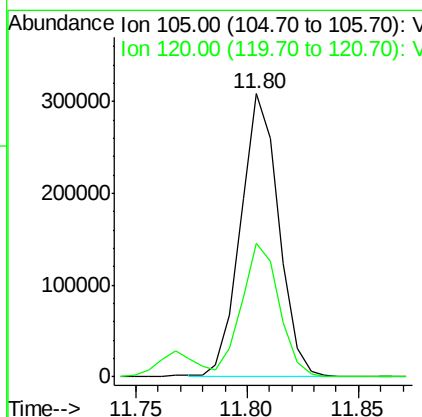
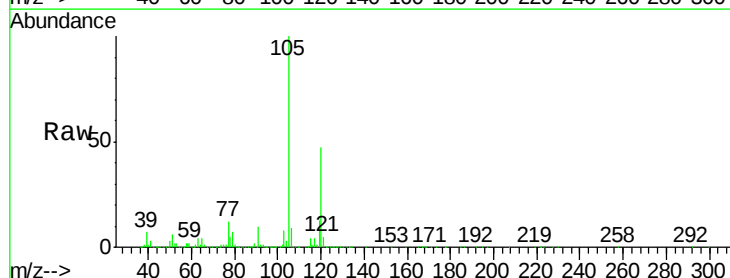
Manual Integrations
APPROVED

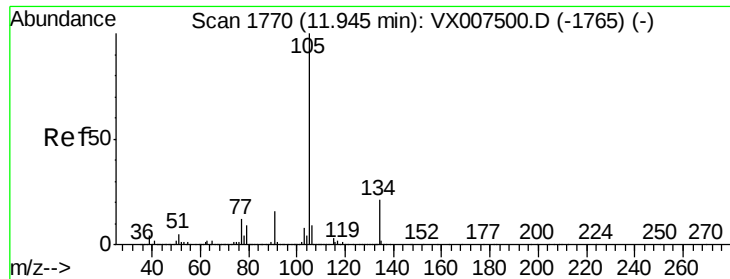
MMDadoda
2/18/2019 10:40:54 AM



#80
1,2,4-Trimethylbenzene
Concen: 20.161 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	366856		
120	46.7	0.0	94.0	





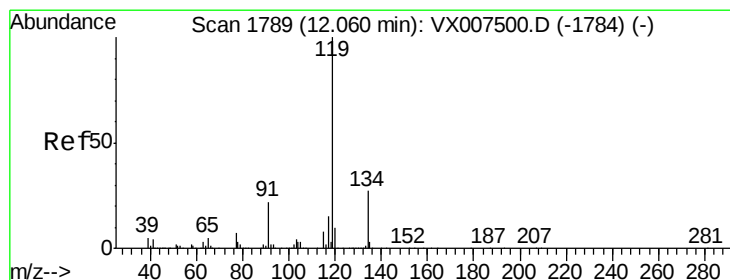
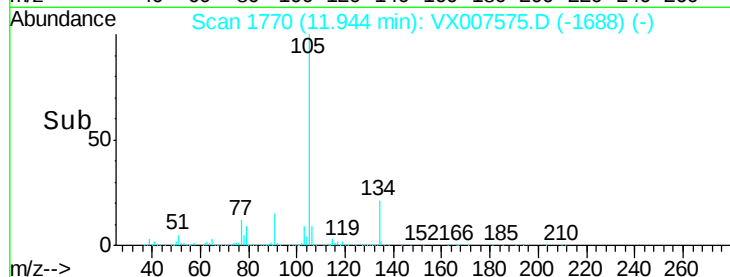
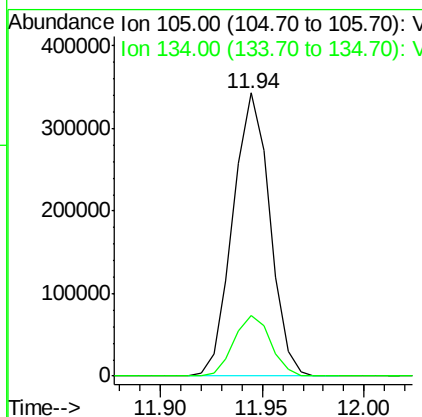
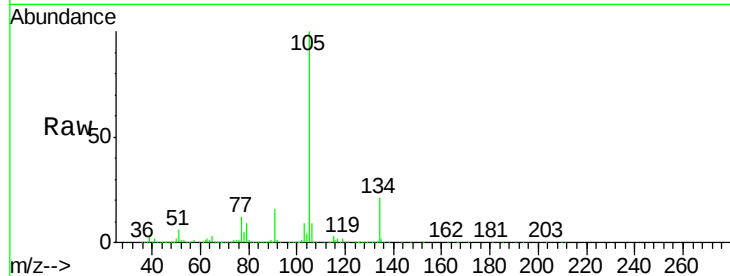
#81
 sec-Butylbenzene
 Concen: 20.026 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	428677		
134	21.7	0.0	41.8	

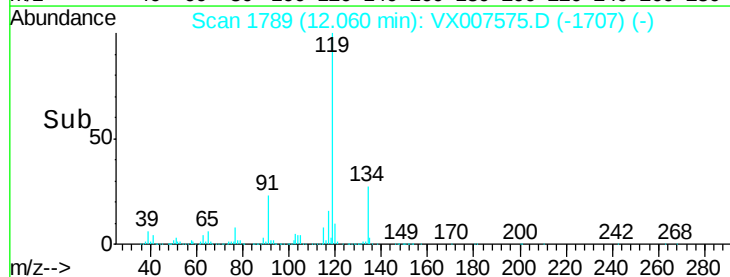
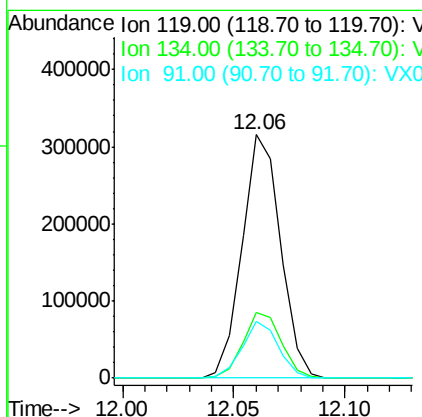
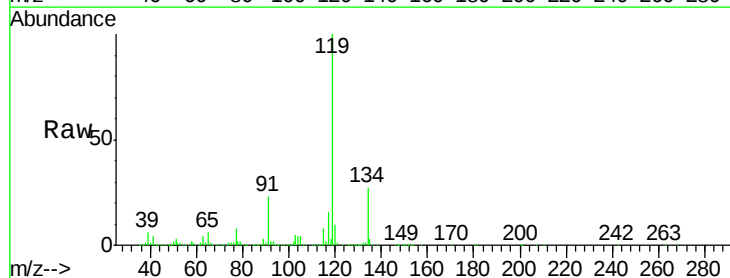
Manual Integrations
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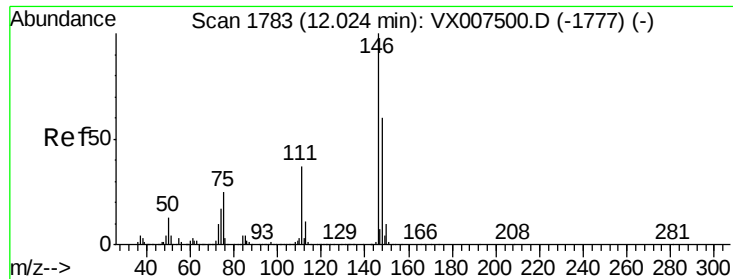
MMDadoda
 2/18/2019 10:40:54 AM



#82
 p-Isopropyltoluene
 Concen: 20.013 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	380932		
134	26.9	0.0	55.4	
91	22.3	0.0	45.0	





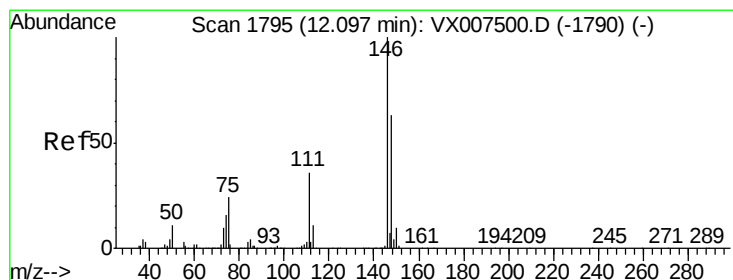
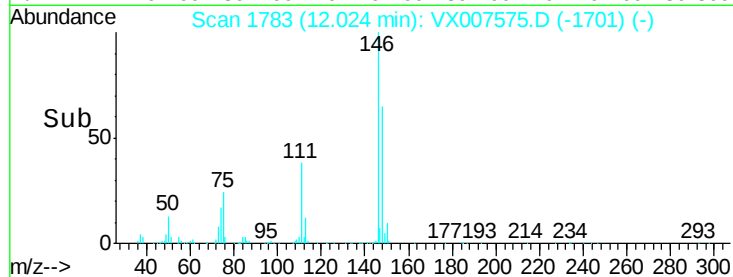
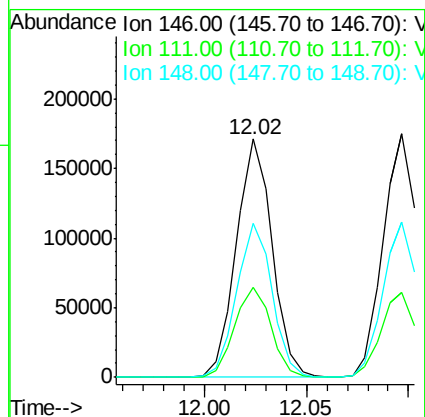
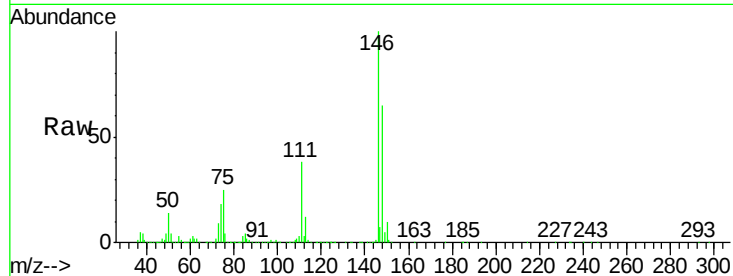
#83
 1,3-Dichlorobenzene
 Concen: 19.699 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.3
148	64.1	30.6	91.8

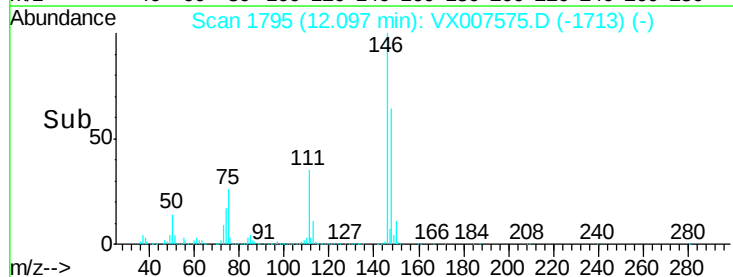
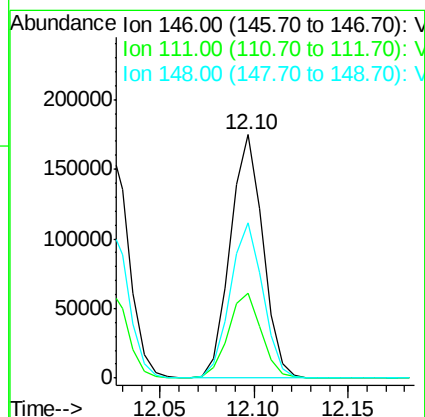
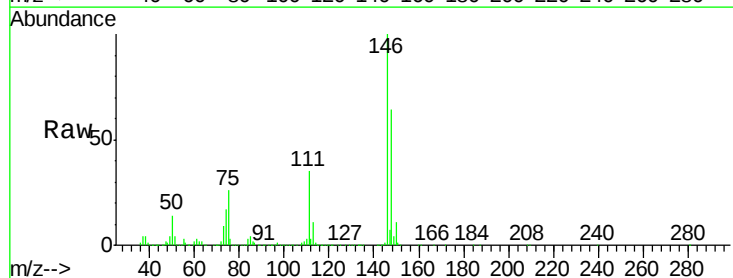
Manual Integrations
 APPROVED

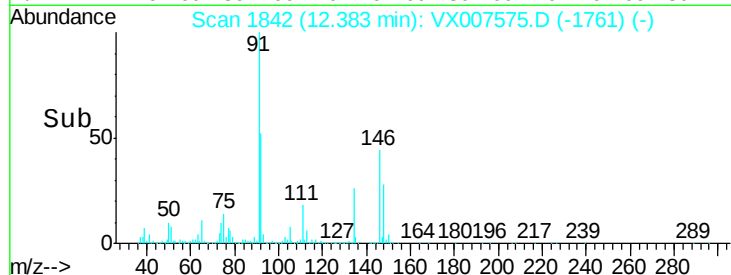
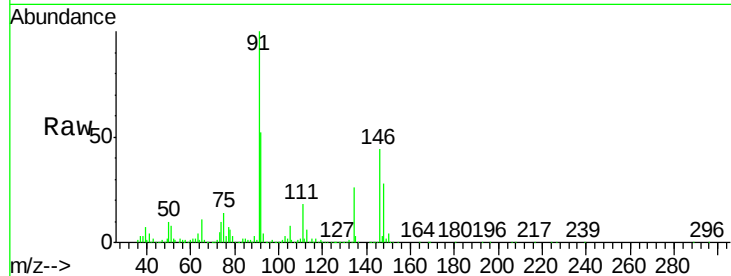
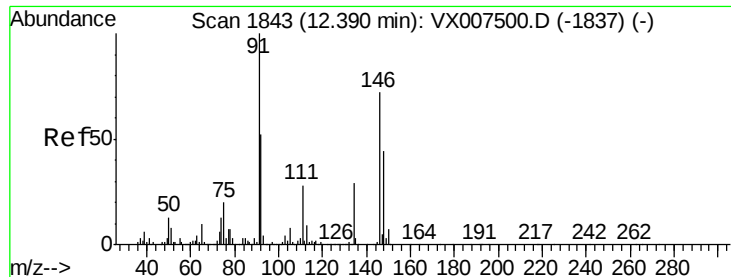
MMDadoda
 2/18/2019 10:40:54 AM



#84
 1,4-Dichlorobenzene
 Concen: 19.952 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.6	52.8
148	64.5	31.4	94.2





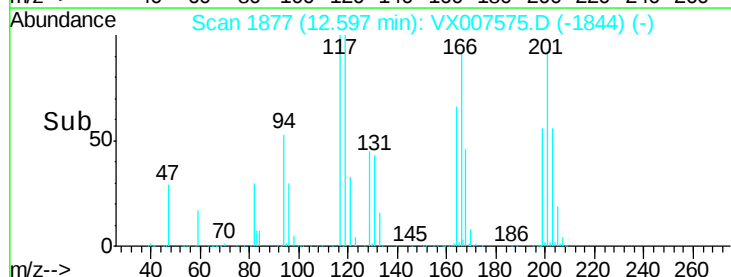
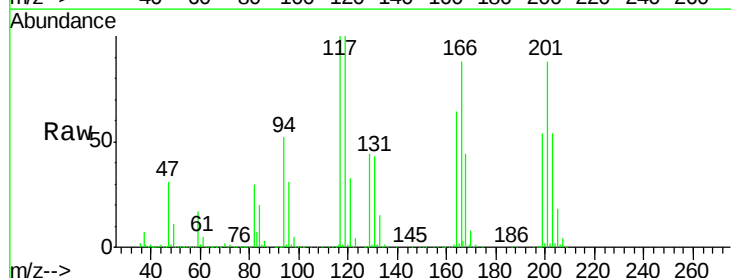
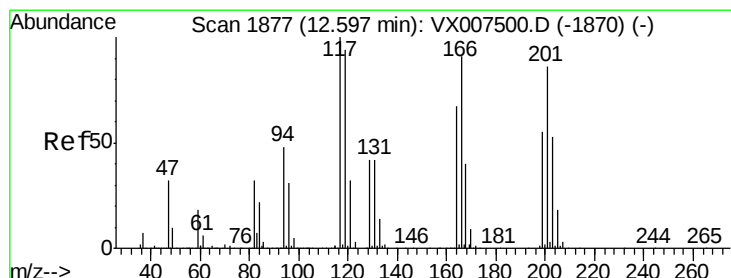
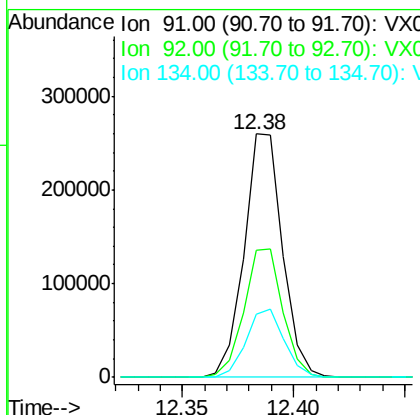
#85
n-Butylbenzene
Concen: 19.816 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tot Ion	Ratio	Resp	Lower	Upper
91	100	312986		
92	53.2		0.0	105.2
134	27.8		0.0	56.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

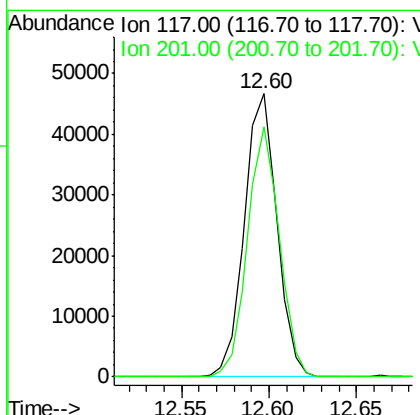
Manual Integrations
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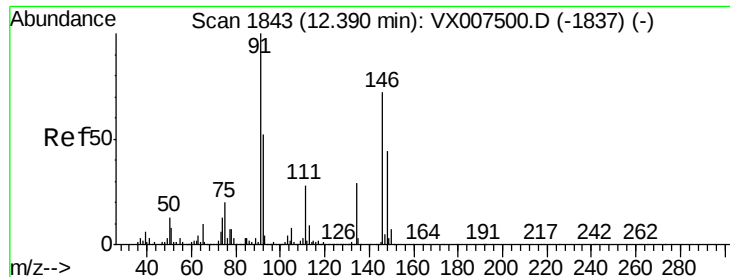
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#86
Hexachloroethane
Concen: 19.189 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	60638		
201	86.1		41.1	123.3





#87

1,2-Dichlorobenzene

Concen: 19.782 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

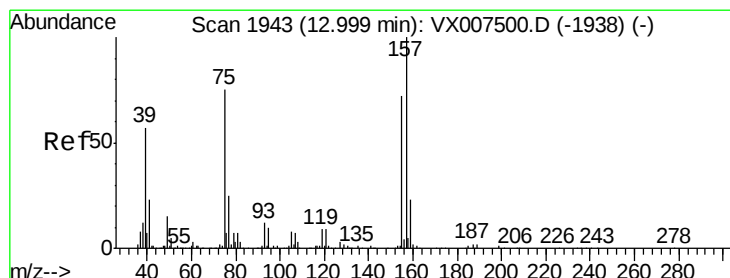
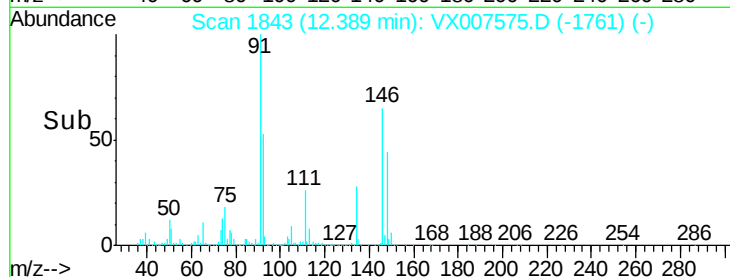
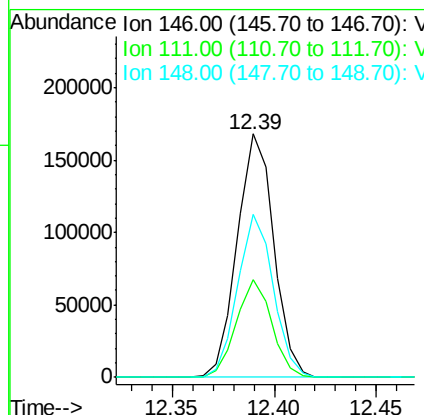
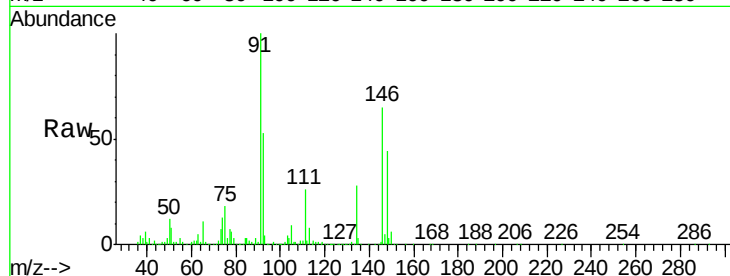
ClientSampleId :

VSTDCCC020EC

Tot Ion:	146	Resp:	209265
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.3	57.8
148	65.0	32.1	96.3

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.861 ug/l

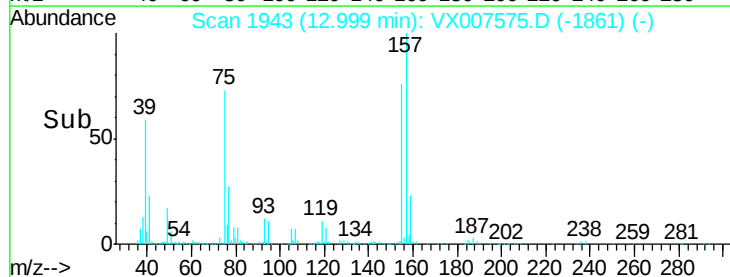
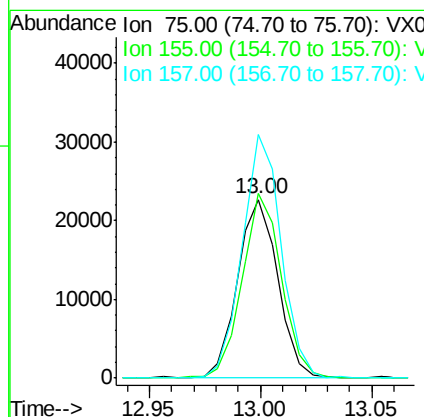
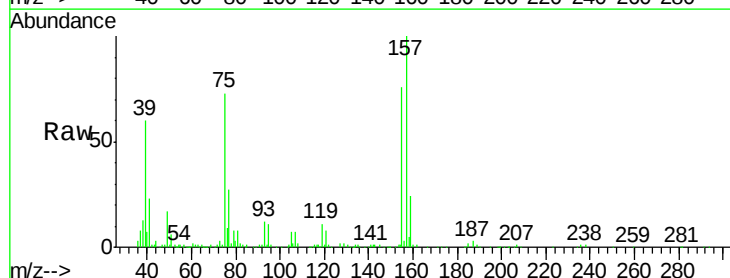
RT: 13.00 min Scan# 1943

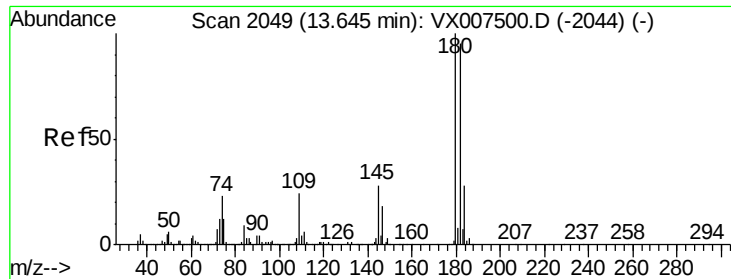
Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	75	Resp:	28572
Ion Ratio	Lower	Upper	
75	100		
155	101.2	81.0	121.6
157	132.3	103.2	154.8





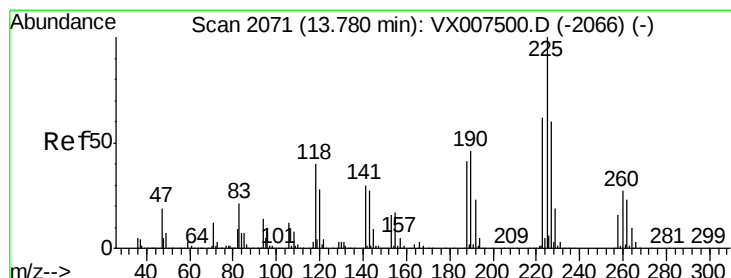
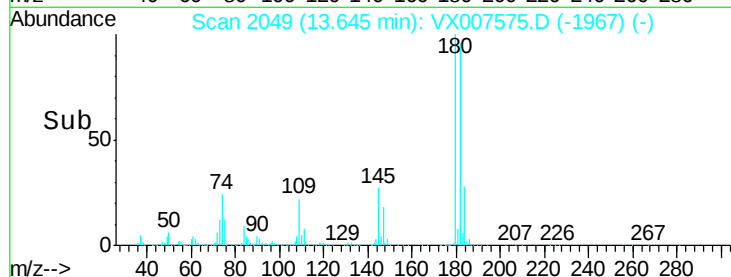
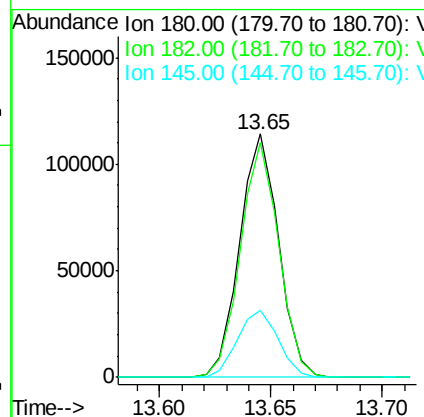
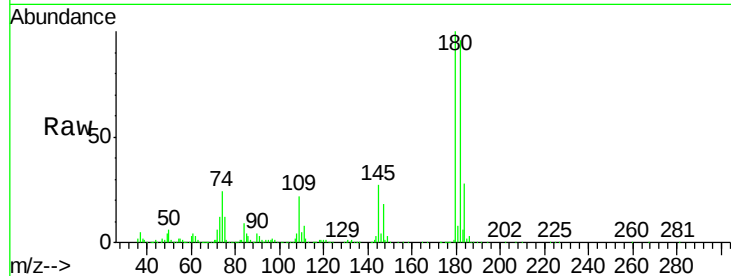
#89
 1,2,4-Trichlorobenzene
 Concen: 20.020 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	139090		
182	95.4	75.6	113.4	
145	29.1	23.0	34.6	

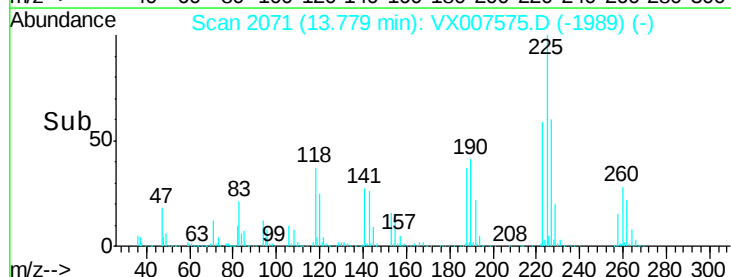
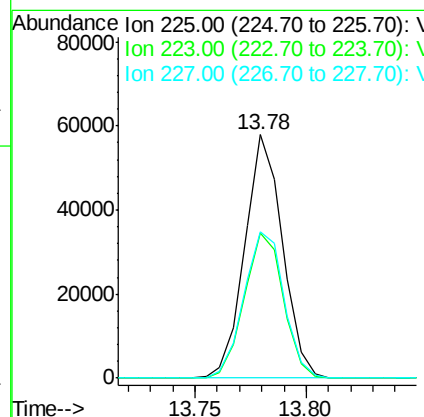
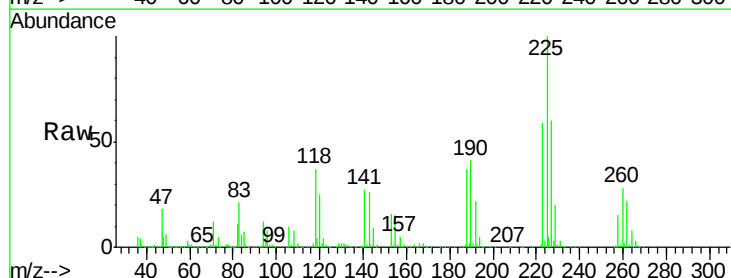
Manual Integrations
 APPROVED

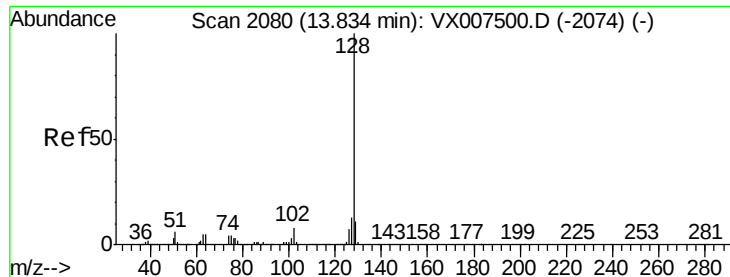
MMDadoda
 2/18/2019 10:40:54 AM



#90
 Hexachlorobutadiene
 Concen: 21.065 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68378		
223	61.6	0.0	123.8	
227	63.9	0.0	124.4	





#91

Naphthalene

Concen: 19.695 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_X

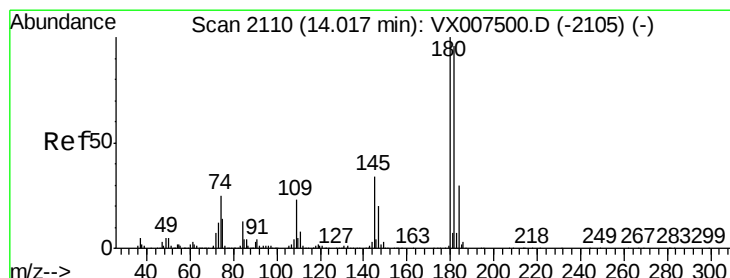
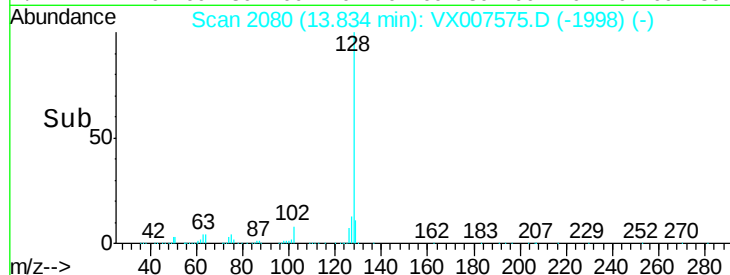
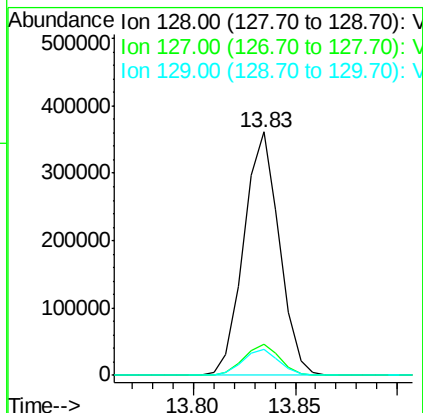
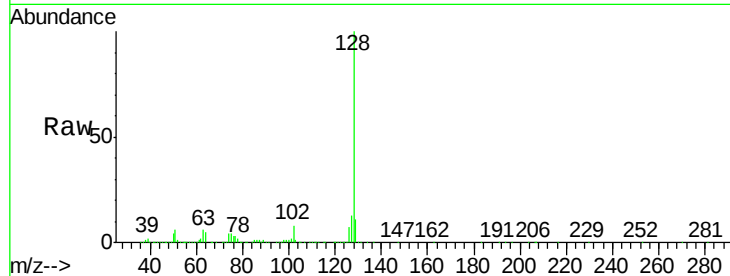
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	436407
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
2/18/2019 10:40:54 AM



#92

1,2,3-Trichlorobenzene

Concen: 20.036 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	180	Resp:	141508
Ion Ratio	Lower	Upper	
180	100		
182	94.5	0.0	193.0
145	31.5	0.0	63.0

