

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040219\
 Data File : VX008603.D
 Acq On : 02 Apr 2019 20:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 4/3/2019 11:33:08 AM

Quant Time: Apr 03 04:06:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	32288	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	188062	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	168355	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	81497	30.17	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.57%
60) 4-Bromofluorobenzene	11.13	95	85574	29.17	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.23%
63) Toluene-d8	8.71	98	236345	29.57	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	40141	18.181	ug/l 99
3) Chloromethane	1.32	50	57637	19.925	ug/l 94
4) Vinyl Chloride	1.40	62	52867	18.131	ug/l 99
5) Bromomethane	1.64	94	27552	18.237	ug/l 99
6) Chloroethane	1.72	64	32718	17.144	ug/l 96
7) Trichlorofluoromethane	1.93	101	60343	18.645	ug/l 99
8) Diethyl Ether	2.18	74	28766	18.848	ug/l 82
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39117	19.409	ug/l 92
10) 1,1-Dichloroethene	2.37	96	40341	19.730	ug/l 84
11) Methyl Iodide	2.51	142	30032	14.185	ug/l 95
12) Methyl Acetate	3.20	43	34304m	20.700	ug/l
13) Acrolein	2.29	56	47903	100.760	ug/l 98
14) Acrylonitrile	3.14	53	162558	106.099	ug/l 99
15) Acetone	2.44	58	44019	93.168	ug/l 91
16) Carbon Disulfide	2.57	76	119784	18.832	ug/l 99
17) Allyl chloride	2.73	41	92240	20.073	ug/l 89
18) Methylene Chloride	2.85	84	50331	20.592	ug/l 87
19) trans-1,2-Dichloroethene	3.17	96	42509	19.459	ug/l 88
20) Diisopropyl ether	3.85	45	182694	20.426	ug/l # 86
21) 1,1-Dichloroethane	3.70	63	91216	20.318	ug/l 95
22) cis-1,2-Dichloroethene	4.60	96	50122	19.856	ug/l # 81
23) tert-Butyl Alcohol	3.04	59	66675	107.769	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	151443	20.153	ug/l 98
25) Chloroform	5.21	83	83048	20.422	ug/l 97
26) Cyclohexane	5.58	56	84778	19.438	ug/l # 83
29) 1,1-Dichloropropene	5.80	75	60952	19.265	ug/l 94
30) 2-Butanone	4.67	43	239303	102.858	ug/l 94
31) 2,2-Dichloropropane	4.58	77	60370	19.105	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	64915	19.758	ug/l # 95
33) Carbon Tetrachloride	5.79	117	53466	19.450	ug/l 99
34) Benzene	6.14	78	192983	19.954	ug/l # 95
35) Methacrylonitrile	5.04	41	49830	21.061	ug/l 90
36) 1,2-Dichloroethane	6.19	62	70660	20.493	ug/l 97
37) Trichloroethene	7.21	130	43601	19.604	ug/l 81
38) Methylcyclohexane	7.46	83	76365	19.155	ug/l 89
39) 1,2-Dichloropropane	7.51	63	55214	20.128	ug/l 100
40) Dibromomethane	7.66	93	31460	19.798	ug/l 90

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	61936	19.823	ug/l	99
42) Vinyl Acetate	3.81	43	816522	103.530	ug/l #	93
43) Ethyl Acetate	4.84	43	88519	21.139	ug/l #	83
44) Isopropyl Acetate	6.45	43	138240	20.417	ug/l	98
45) 1,4-Dioxane	7.74	88	28760	426.678	ug/l #	84
46) Methyl methacrylate	7.77	41	70577	20.523	ug/l	87
47) n-amyl Acetate	10.90	43	124925	20.311	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	68124	19.303	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	77748	19.696	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	47521	20.141	ug/l	98
51) Ethyl methacrylate	9.18	69	86483	19.697	ug/l	89
52) 1,3-Dichloropropane	9.37	76	84156	20.048	ug/l	100
53) Dibromochloromethane	9.58	129	44342	19.098	ug/l	99
54) 1,2-Dibromoethane	9.67	107	48637	19.996	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	222825	100.594	ug/l	95
56) Bromoform	10.85	173	31824	18.807	ug/l #	98
58) 4-Methyl-2-Pentanone	8.64	43	468074	105.387	ug/l #	95
59) 2-Hexanone	9.49	43	360973	102.871	ug/l	97
61) Tetrachloroethene	9.34	164	37963	20.615	ug/l	98
62) Toluene	8.79	91	203776	19.992	ug/l	100
64) Chlorobenzene	10.13	112	117960	19.750	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	41238	19.583	ug/l	97
66) Ethyl Benzene	10.25	91	222339	19.652	ug/l	95
67) m/p-Xylenes	10.36	106	161002	39.015	ug/l	91
68) o-Xylene	10.69	106	79217	19.617	ug/l	92
69) Styrene	10.71	104	135510	19.285	ug/l	96
70) Isopropylbenzene	11.02	105	210867	19.796	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	80485	20.225	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	68894m	20.481	ug/l	
73) Bromobenzene	11.26	156	49475	19.522	ug/l	78
74) n-propylbenzene	11.36	91	240333	18.938	ug/l	95
75) 2-Chlorotoluene	11.42	91	146564	19.413	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	173828	19.087	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	24294	18.829	ug/l	94
78) 4-Chlorotoluene	11.51	91	164101	18.886	ug/l	91
79) tert-butylbenzene	12.06	119	177792	19.103	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	174261	19.190	ug/l	95
81) sec-Butylbenzene	11.94	105	199785	19.200	ug/l	96
82) p-Isopropyltoluene	12.06	119	177792	19.103	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	86211	19.161	ug/l	94
84) 1,4-Dichlorobenzene	12.10	146	86780	19.301	ug/l	96
85) n-Butylbenzene	12.38	91	161409	18.253	ug/l	97
86) Hexachloroethane	12.60	117	28511	18.335	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	88873	19.604	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	18041	20.454	ug/l #	77
89) 1,2,4-Trichlorobenzene	13.65	180	61632	19.708	ug/l	99
90) Hexachlorobutadiene	13.78	225	29578	19.633	ug/l	98
91) Naphthalene	13.83	128	220055	20.539	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	64266	20.401	ug/l	99

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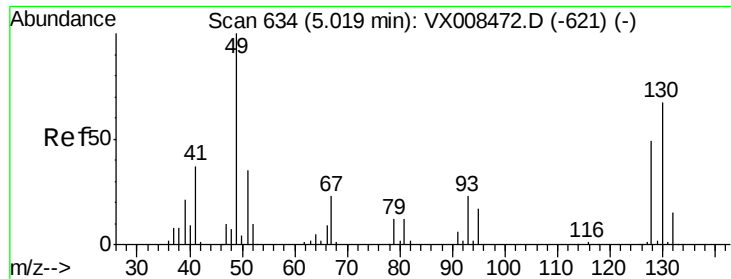
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:128 Resp: 32288

Ion Ratio Lower Upper

128 100

49 209.5 0.0 350.8

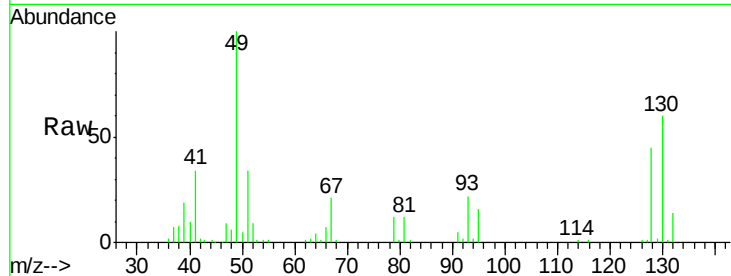
130 128.5 0.0 325.8

Manual Integrations

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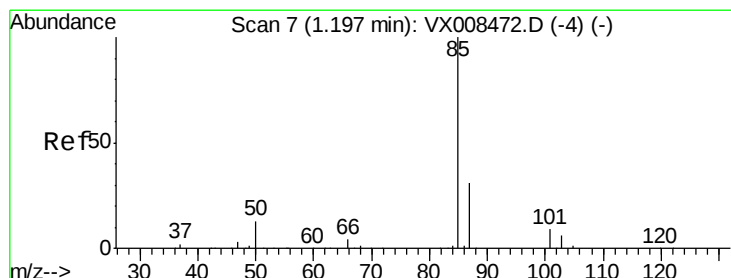
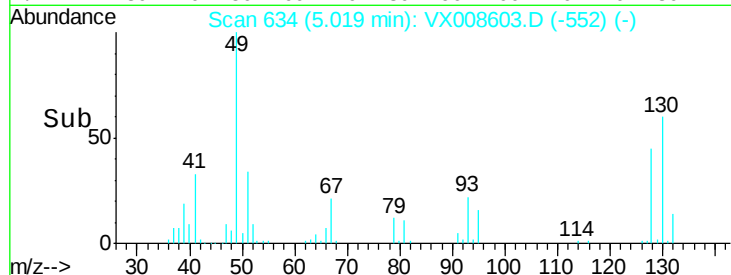
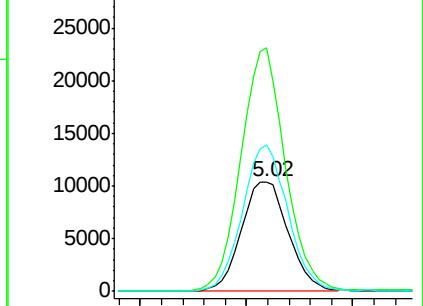
4/3/2019 11:33:08 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.181 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008603.D

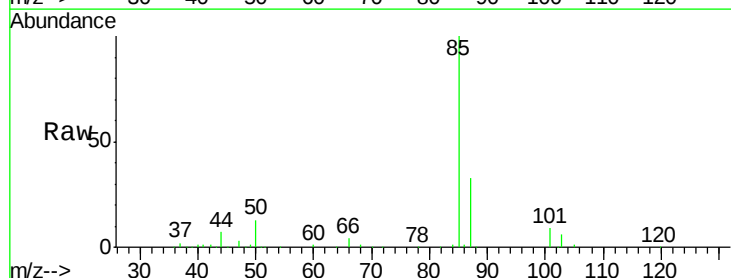
Acq: 02 Apr 2019 20:11

Tgt Ion: 85 Resp: 40141

Ion Ratio Lower Upper

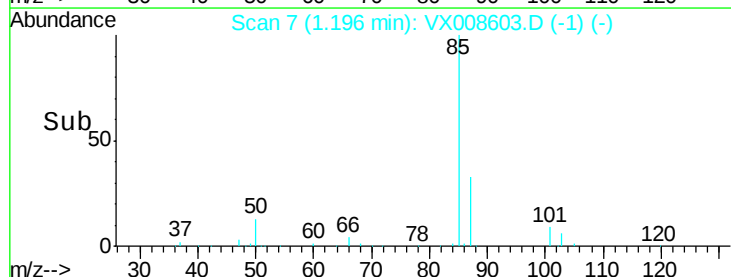
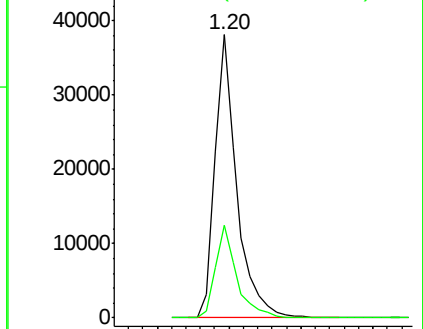
85 100

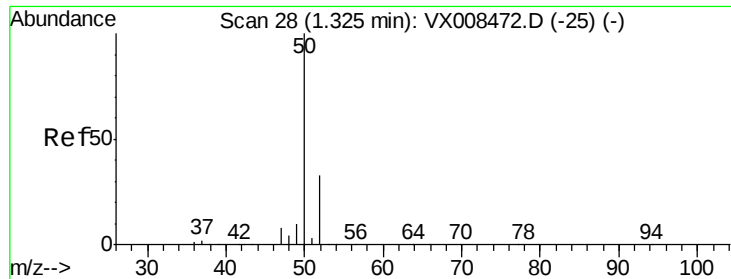
87 32.7 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.925 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 57637

Ion Ratio Lower Upper

50 100

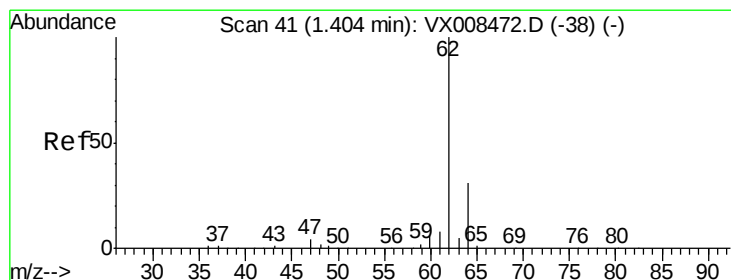
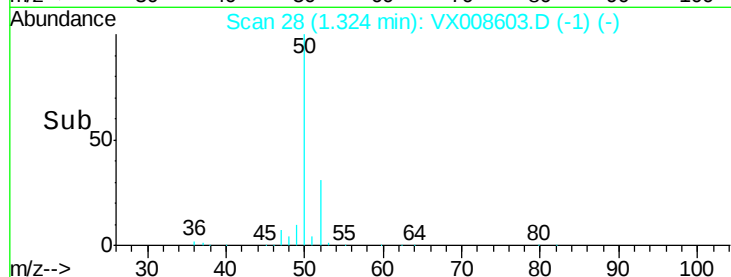
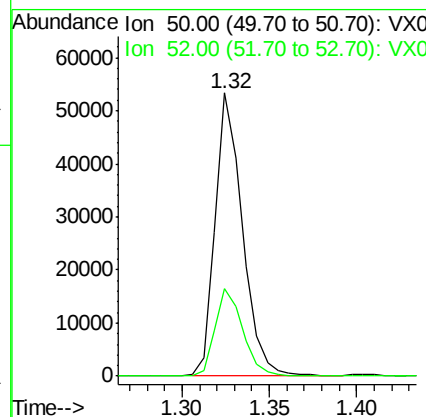
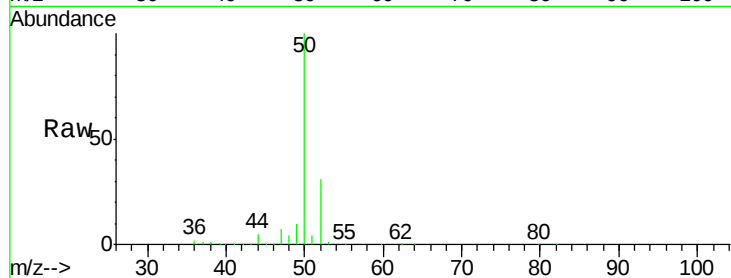
52 30.8 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.131 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008603.D

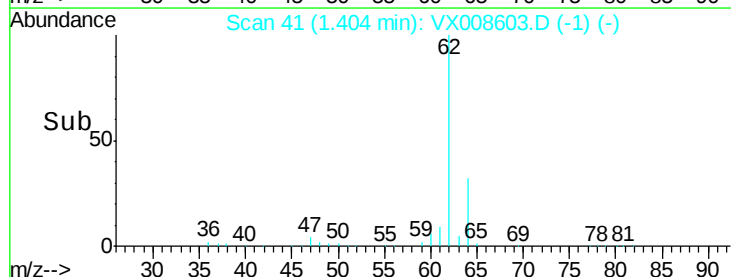
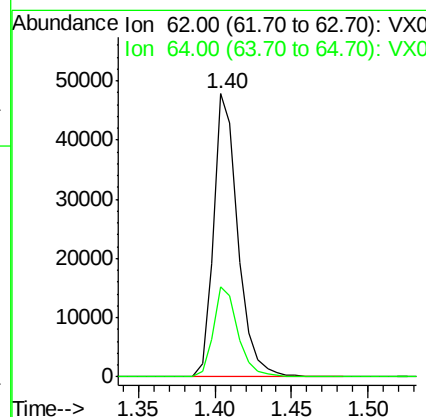
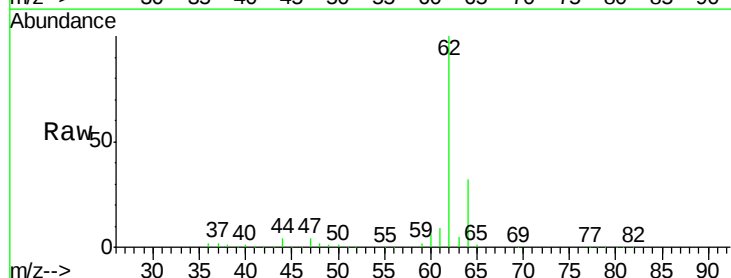
Acq: 02 Apr 2019 20:11

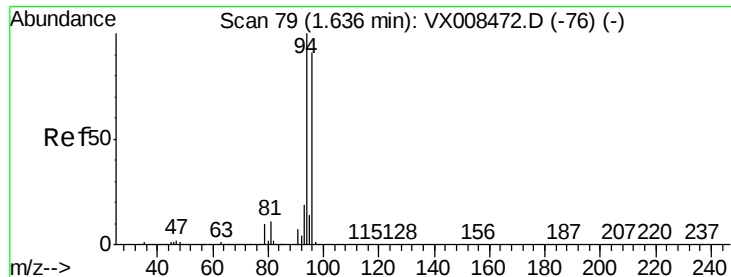
Tgt Ion: 62 Resp: 52867

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 18.237 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 2752

Ion Ratio Lower Upper

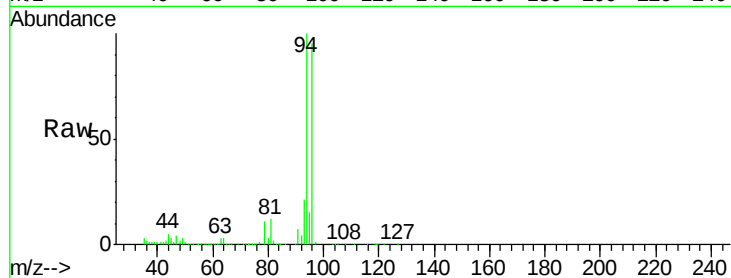
94 100

96 95.1 75.6 113.4

Manual Integrations
APPROVED

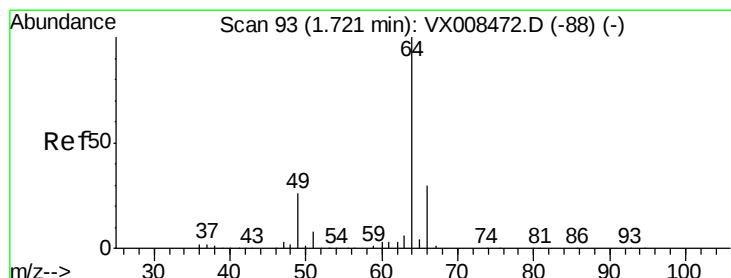
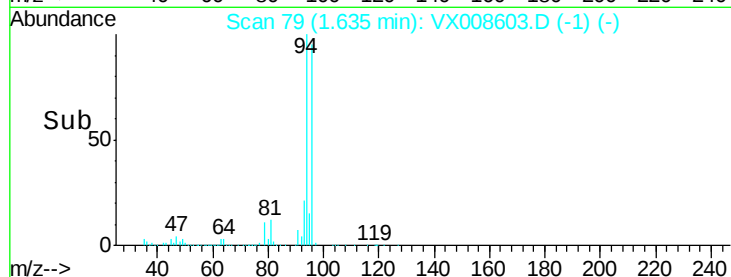
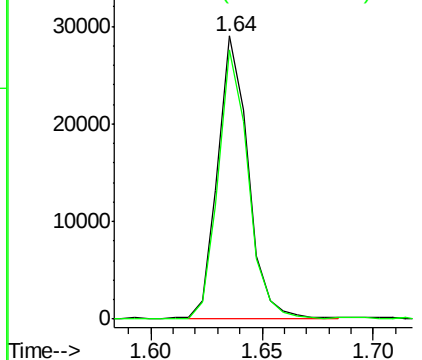
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.144 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008603.D

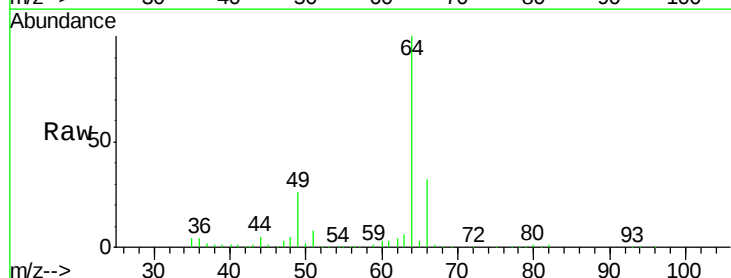
Acq: 02 Apr 2019 20:11

Tgt Ion: 64 Resp: 32718

Ion Ratio Lower Upper

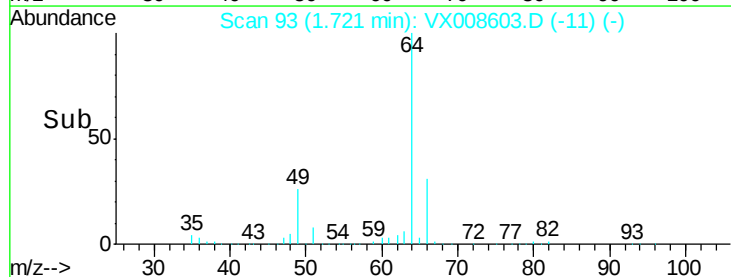
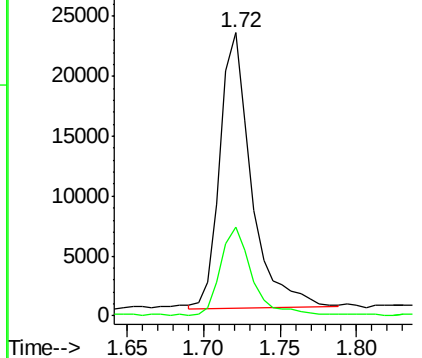
64 100

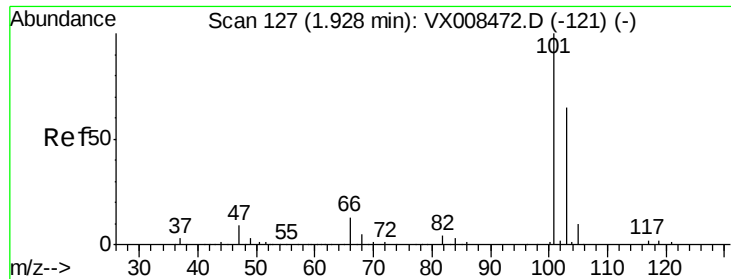
66 32.3 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

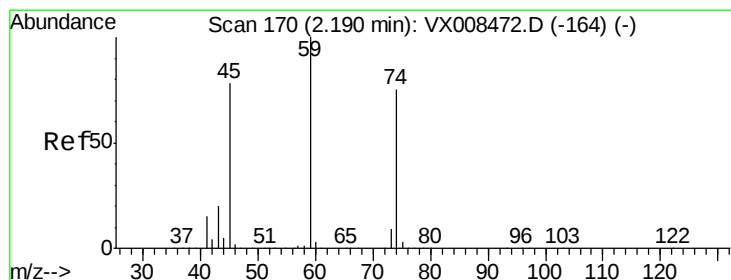
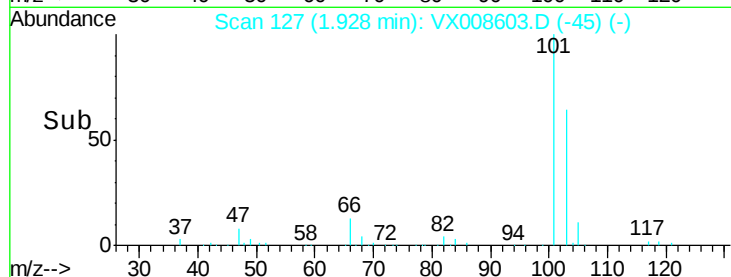
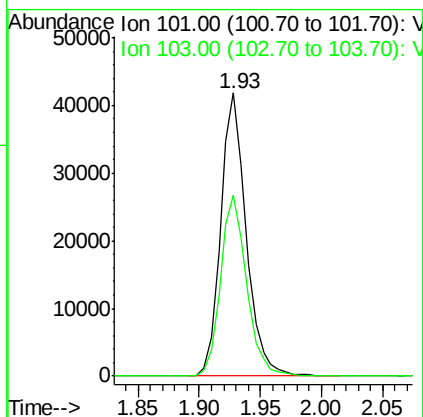
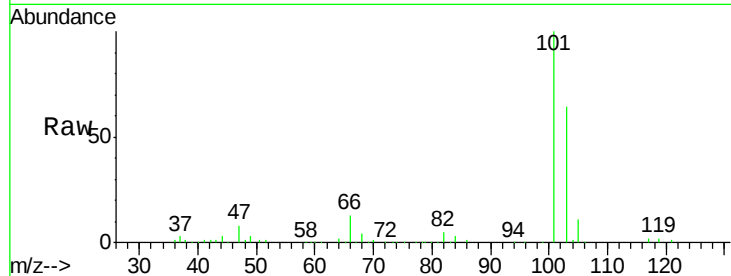
Trichlorofluoromethane
 Concen: 18.645 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

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Tot Ion:101 Resp: 60343
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.4 75.6

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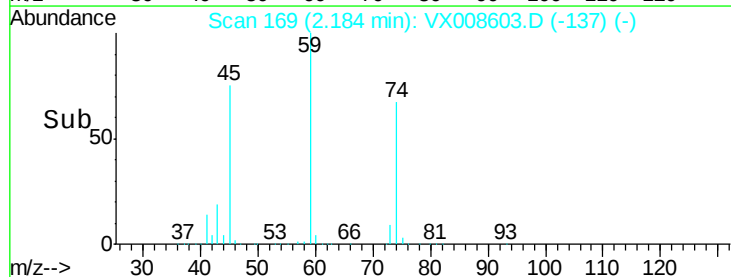
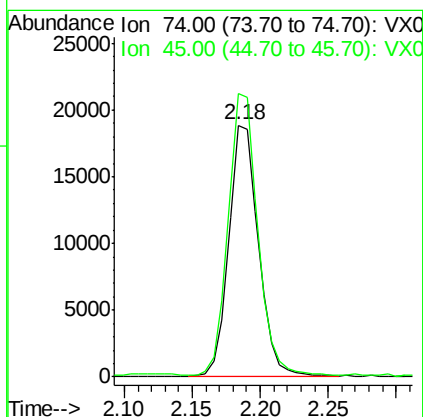
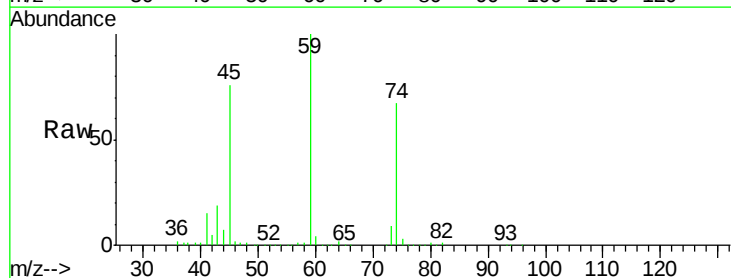
MMDadoda
 4/3/2019 11:33:08 AM

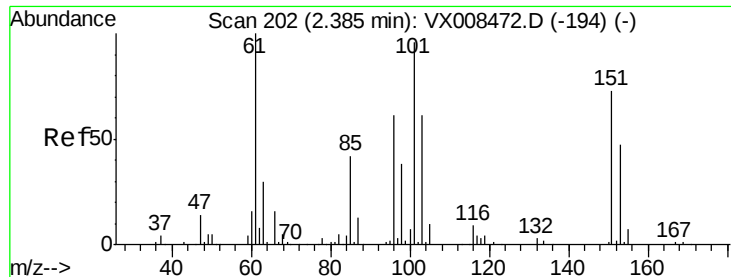


#8

Diethyl Ether
 Concen: 18.848 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion: 74 Resp: 28766
 Ion Ratio Lower Upper
 74 100
 45 110.9 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.409 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

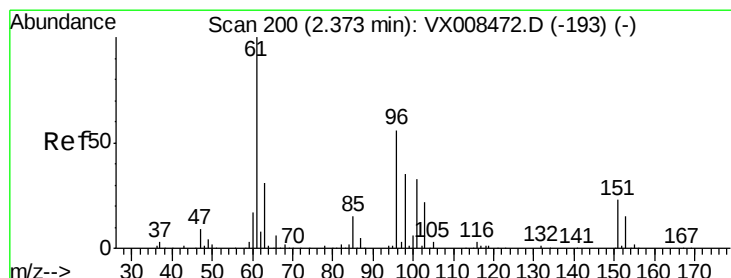
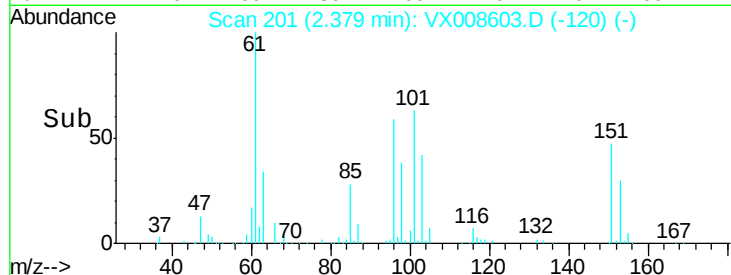
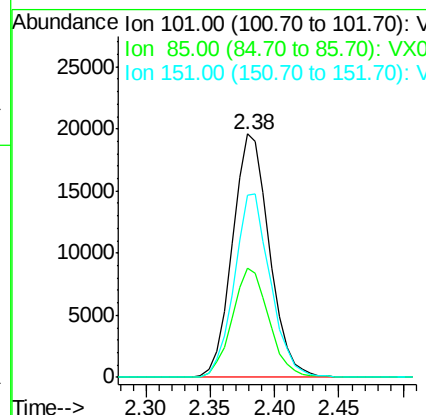
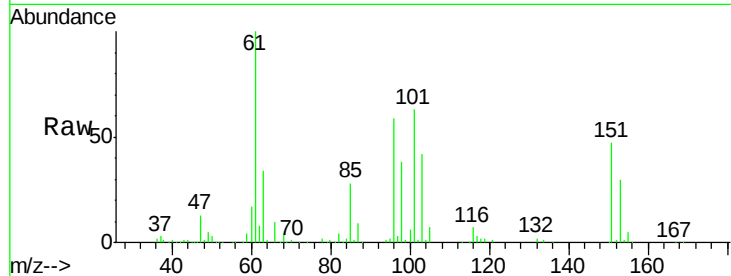
ClientSampled :

VSTDCCC020EC

Tot Ion:	101	Resp:	39117
Ion Ratio	Lower	Upper	
101	100		
85	44.5	0.0	86.8
151	73.9	0.0	169.2

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#10

1,1-Dichloroethene

Concen: 19.730 ug/l

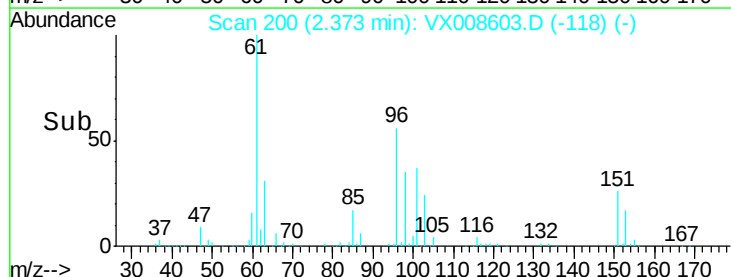
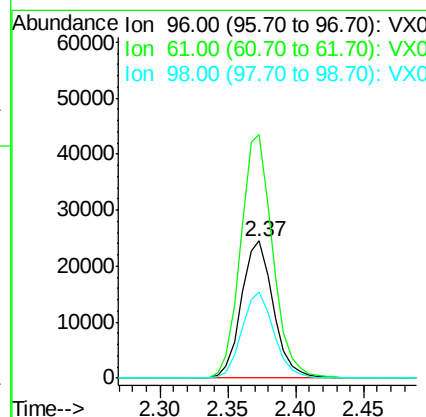
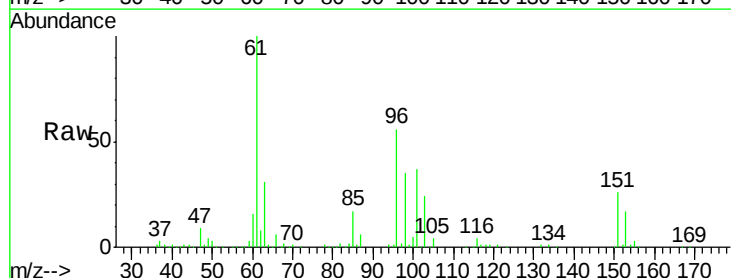
RT: 2.37 min Scan# 200

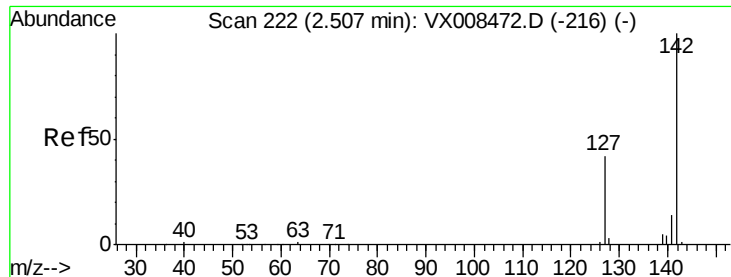
Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Tgt Ion:	96	Resp:	40341
Ion Ratio	Lower	Upper	
96	100		
61	177.4	120.2	180.2
98	62.8	49.0	73.4





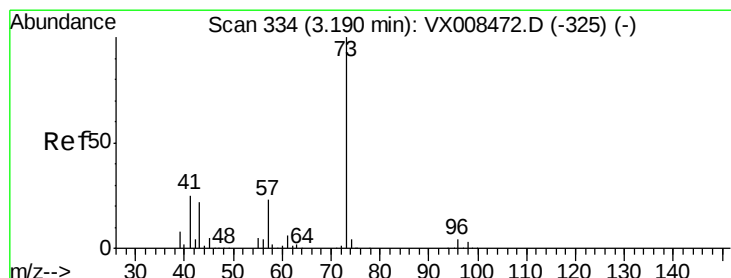
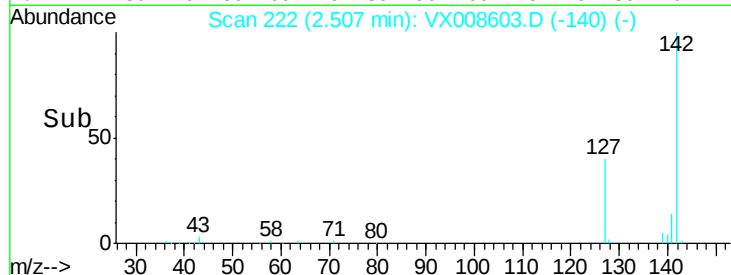
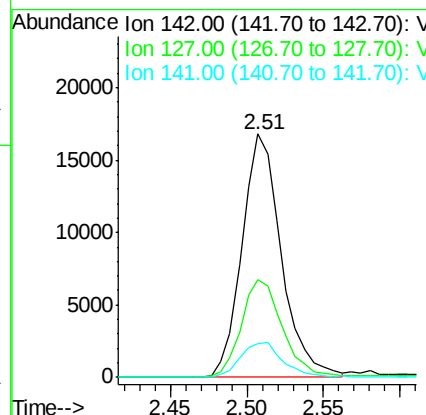
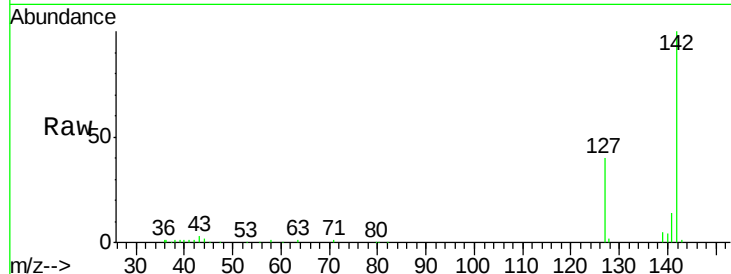
#11
Methyl Iodide
Concen: 14.185 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.1	22.1	66.5
141	13.9	7.4	22.3

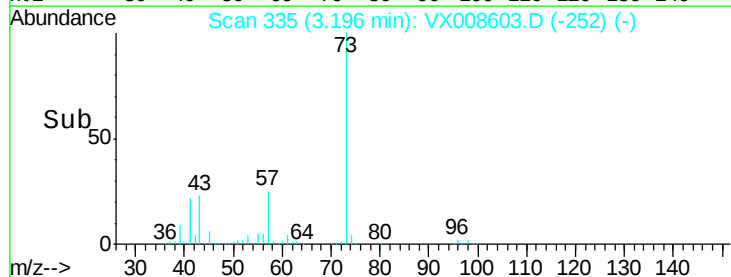
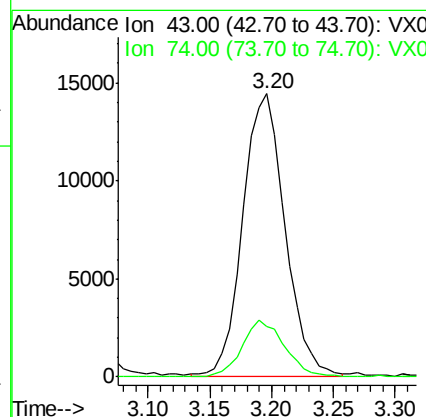
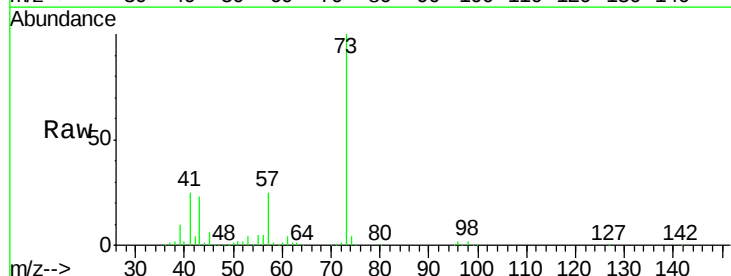
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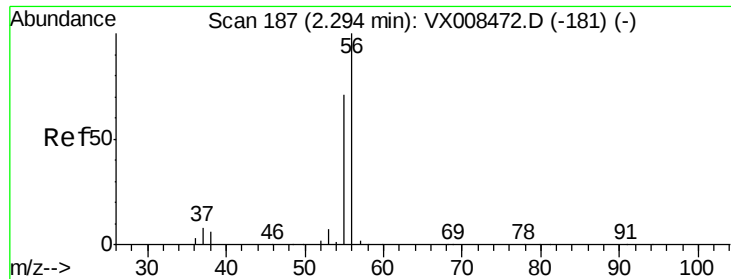
MMDadoda
4/3/2019 11:33:08 AM



#12
Methyl Acetate
Concen: 20.700 ug/l m
RT: 3.20 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	17.8	19.4	29.0#





#13

Acrolein

Concen: 100.760 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 47903

Ion Ratio Lower Upper

56 100

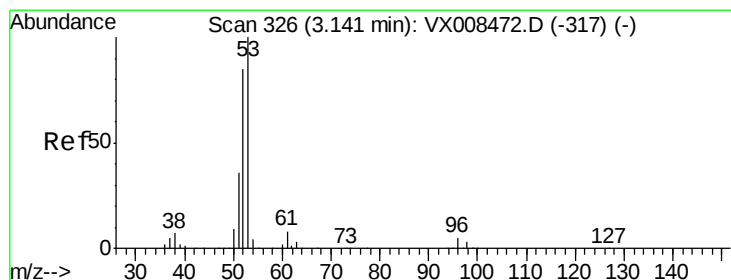
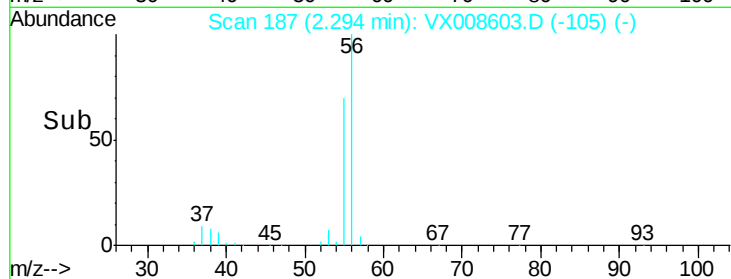
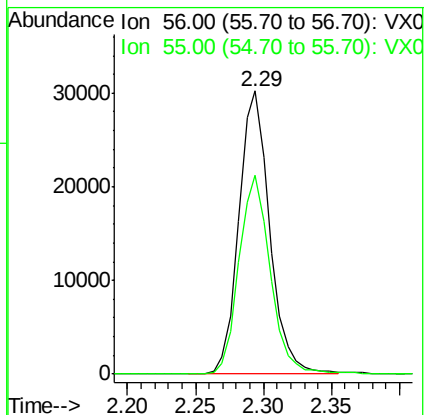
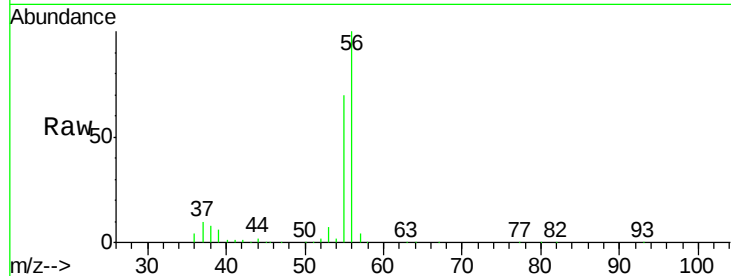
55 71.8 58.6 87.8

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#14

Acrylonitrile

Concen: 106.099 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

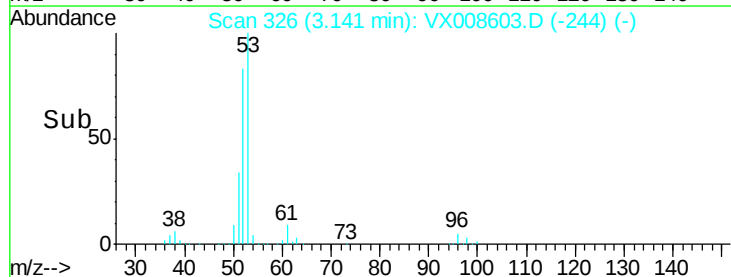
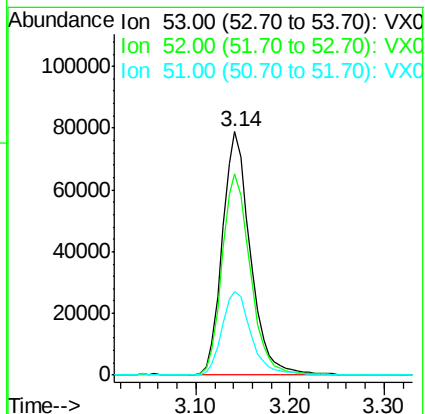
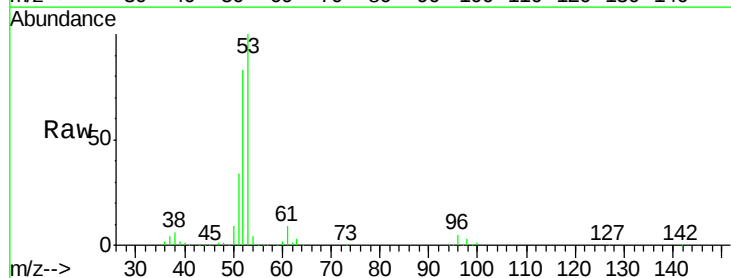
Tgt Ion: 53 Resp: 162558

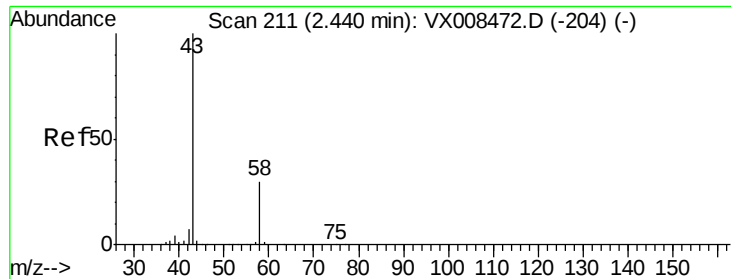
Ion Ratio Lower Upper

53 100

52 83.4 41.3 124.1

51 35.8 17.5 52.6





#15

Acetone

Concen: 93.168 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 44019

Ion Ratio Lower Upper

58 100

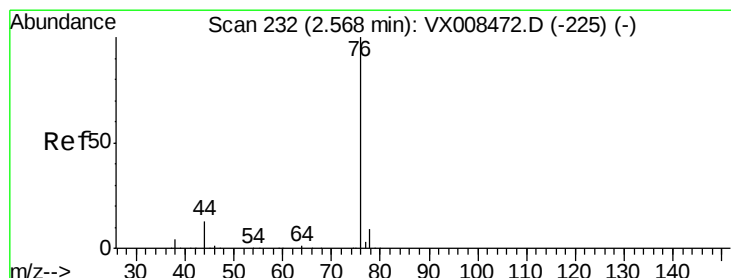
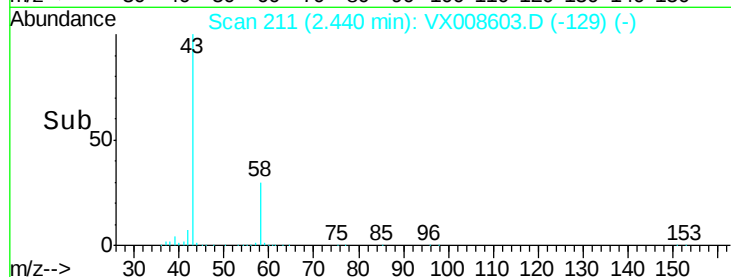
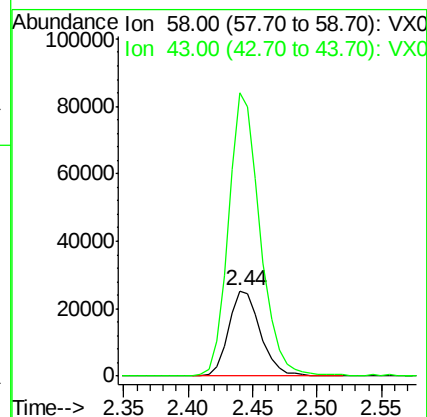
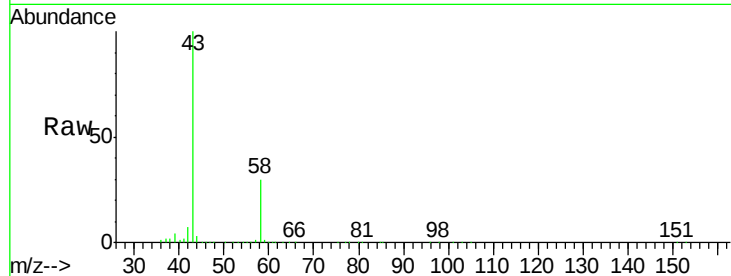
43 330.4 249.8 374.6

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#16

Carbon Disulfide

Concen: 18.832 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008603.D

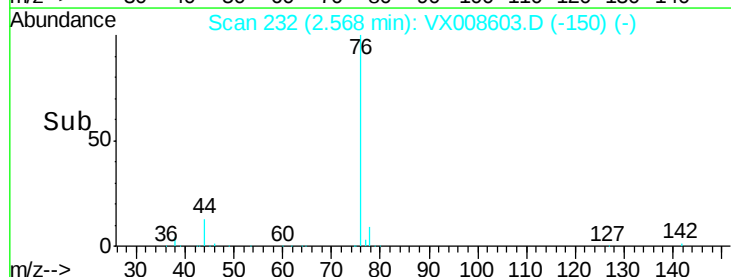
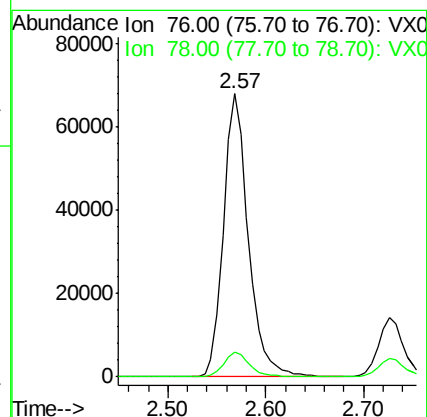
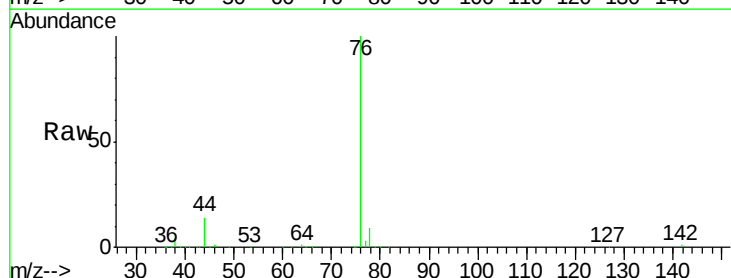
Acq: 02 Apr 2019 20:11

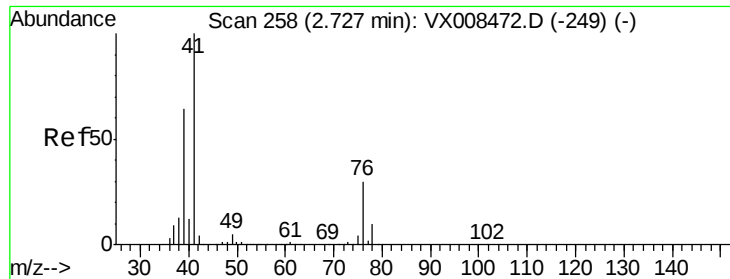
Tgt Ion: 76 Resp: 119784

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3





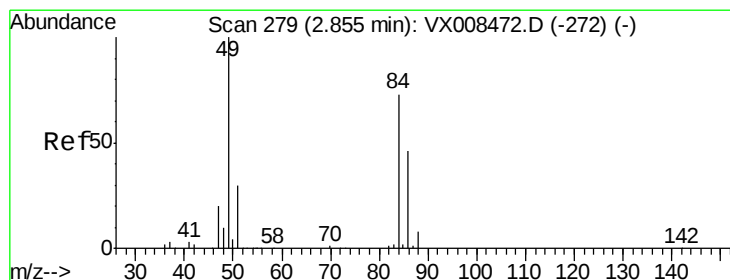
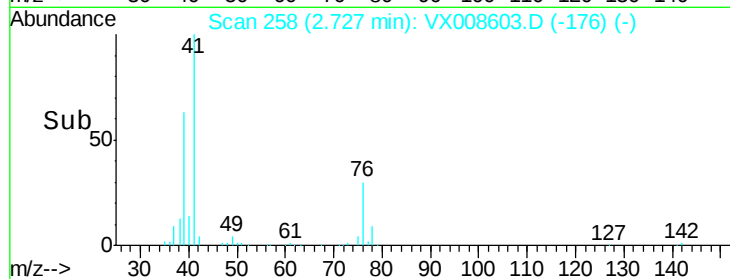
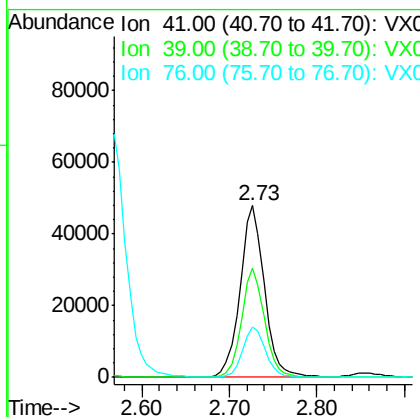
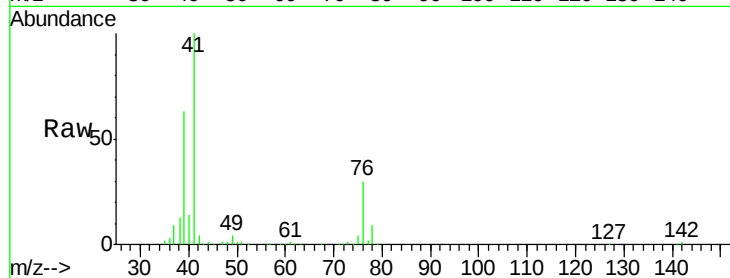
#17
Allvl chloride
Concen: 20.073 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.2	35.8	107.4
76	29.7	18.3	54.9

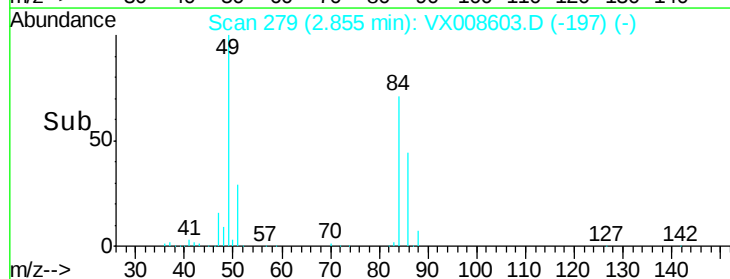
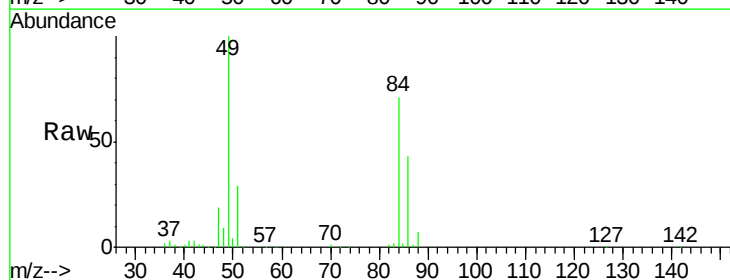
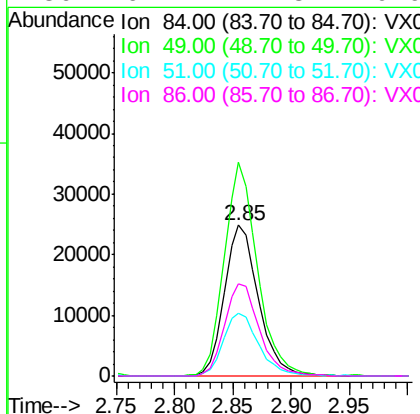
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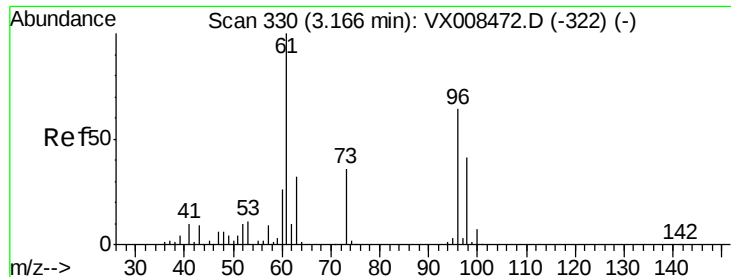
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#18
Methylene Chloride
Concen: 20.592 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.2	96.1	144.1
51	41.4	29.1	43.7
86	61.4	47.3	70.9





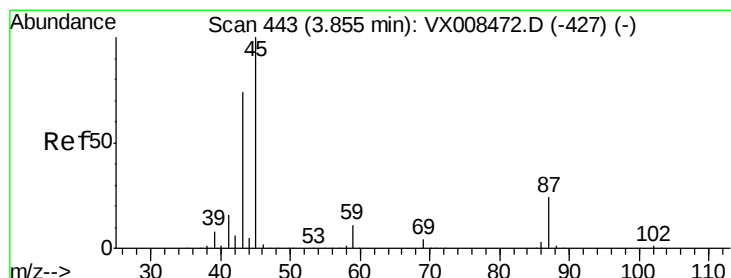
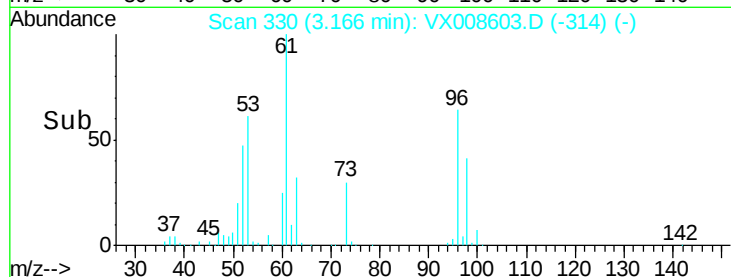
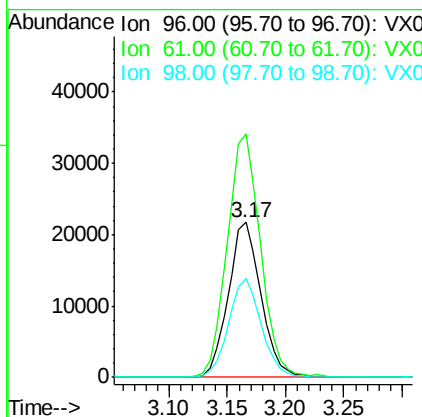
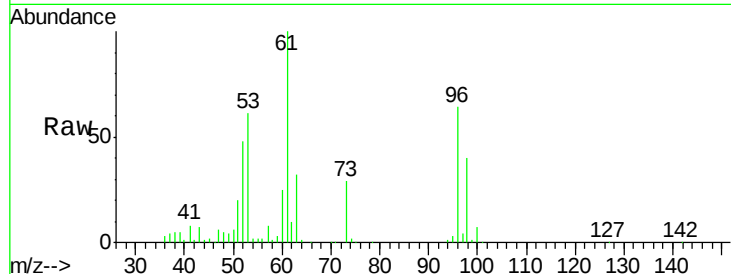
#19
trans-1,2-Dichloroethene
Concen: 19.459 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.2	109.9	164.9
98	63.6	50.4	75.6

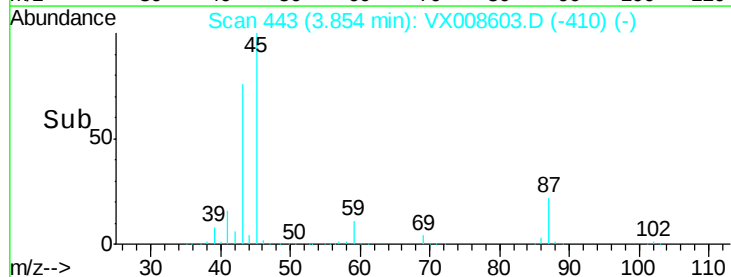
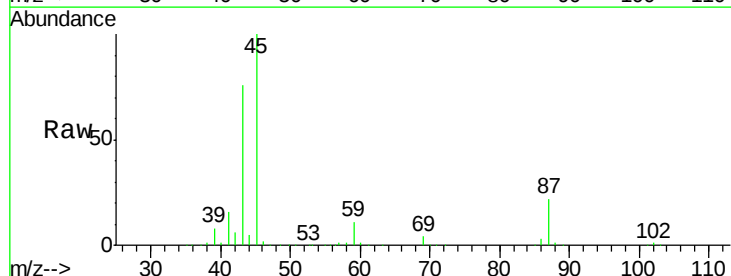
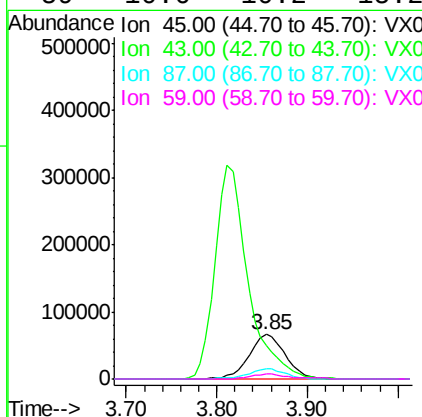
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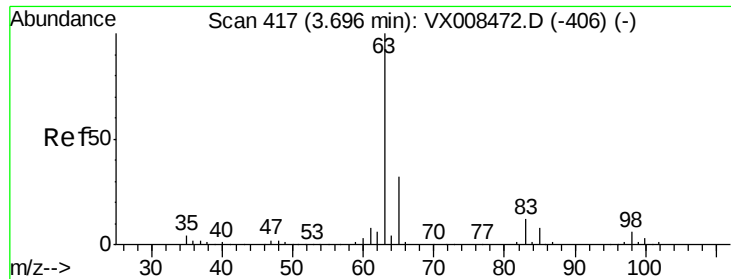
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#20
Diisopropyl ether
Concen: 20.426 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	74.8	50.6	76.0
87	22.3	24.5	36.7#
59	10.6	10.2	15.2





#21

1,1-Dichloroethane

Concen: 20.318 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

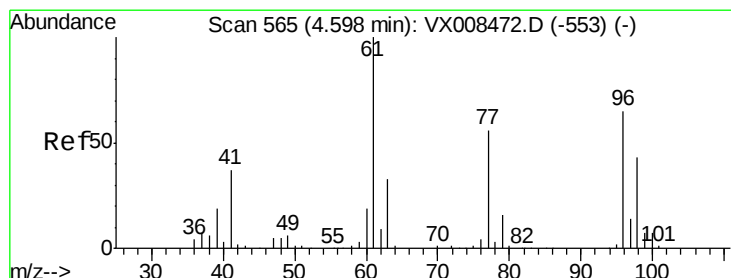
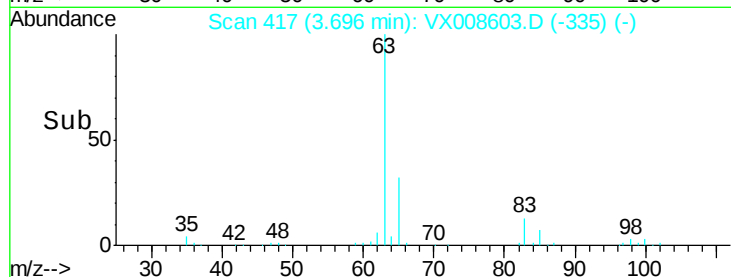
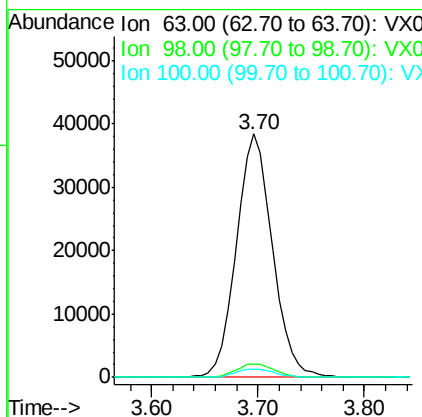
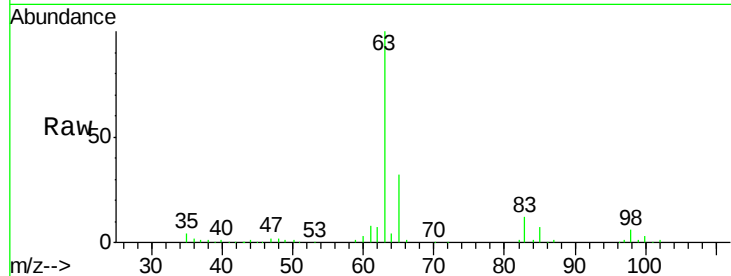
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	91216
Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.8	11.4
100	3.1	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 19.856 ug/l

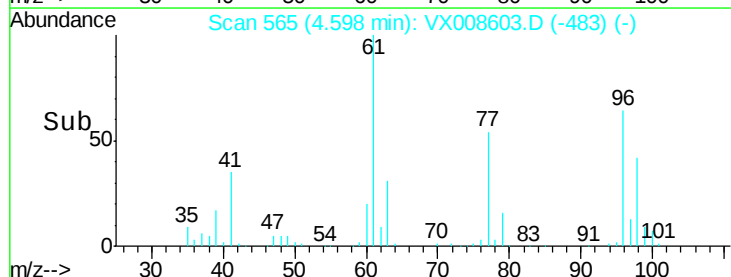
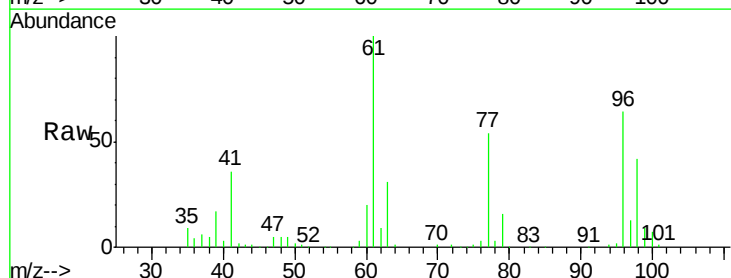
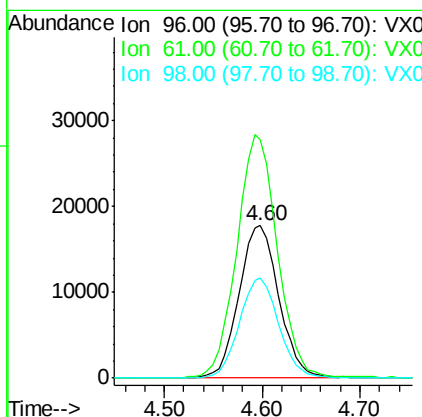
RT: 4.60 min Scan# 565

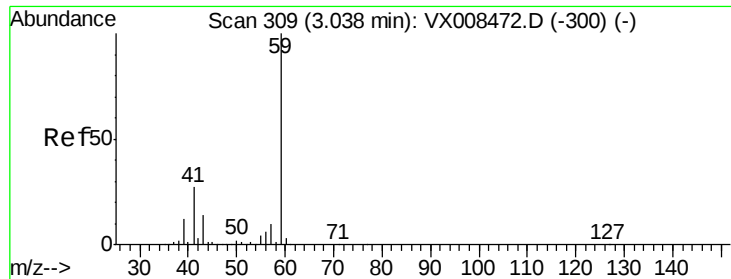
Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Tgt Ion:	96	Resp:	50122
Ion	Ratio	Lower	Upper
96	100		
61	162.5	103.5	155.3#
98	65.2	52.1	78.1





#23

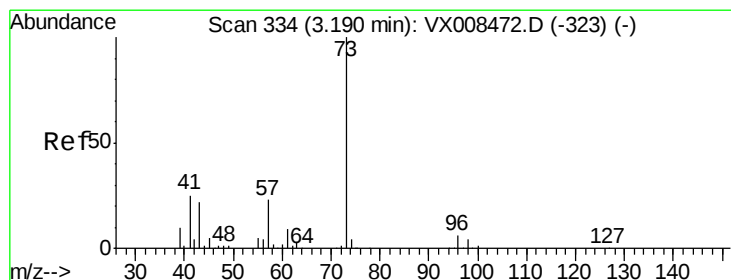
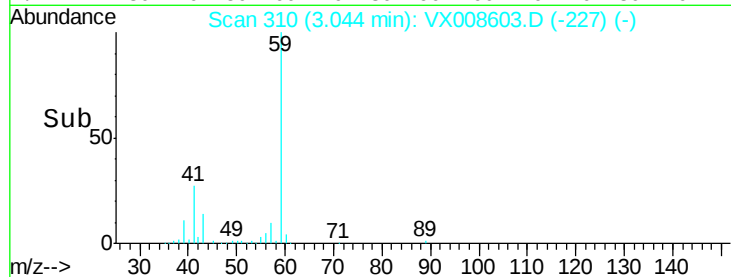
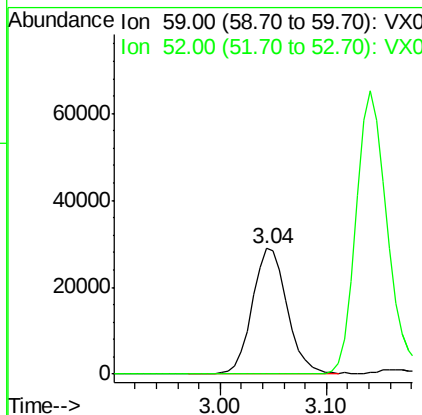
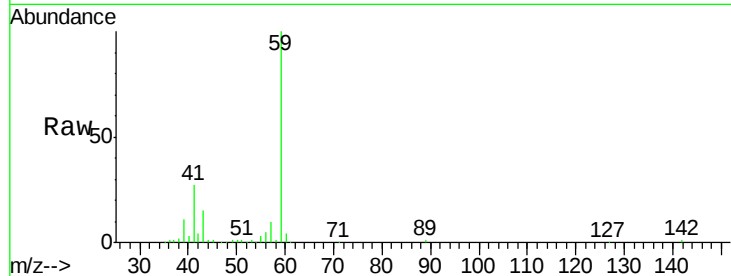
tert-Butyl Alcohol
Concen: 107.769 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 59 Resp: 66675
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#

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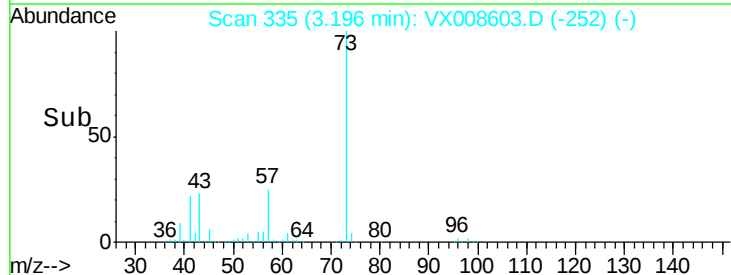
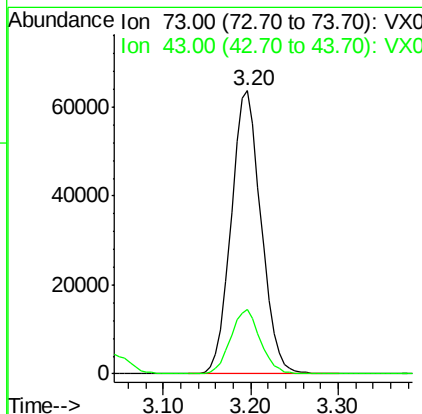
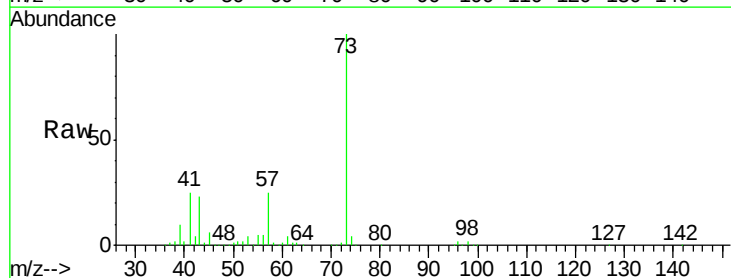
MMDadoda
4/3/2019 11:33:08 AM

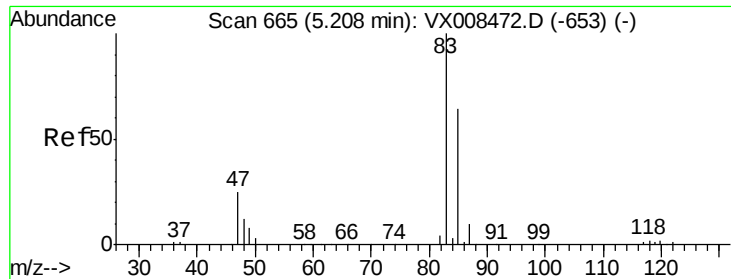


#24

Methyl tert-Butyl Ether
Concen: 20.153 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion: 73 Resp: 151443
Ion Ratio Lower Upper
73 100
43 22.3 17.1 25.7





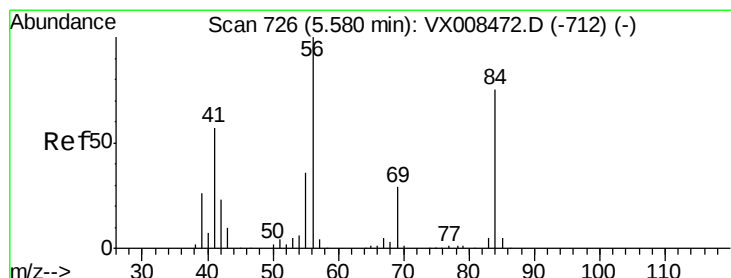
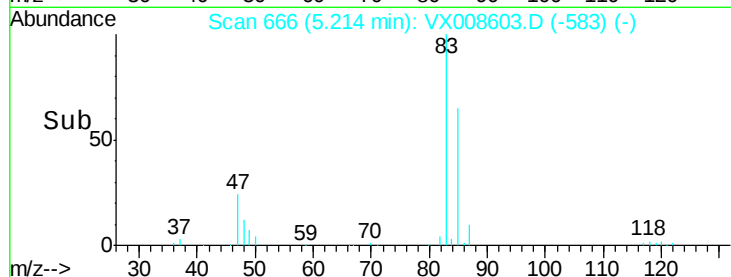
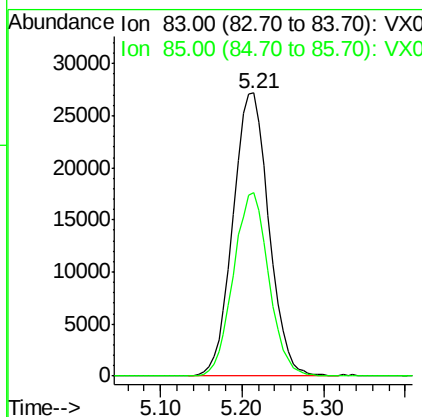
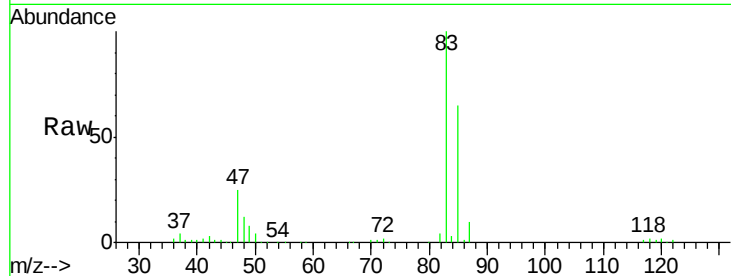
#25
Chloroform
Concen: 20.422 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	83048
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	53.8	80.6

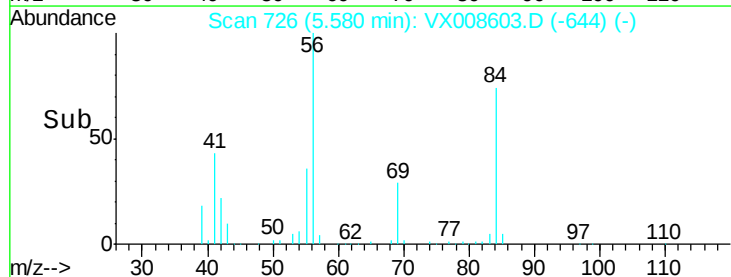
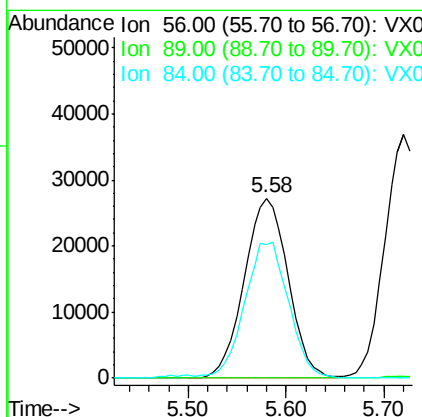
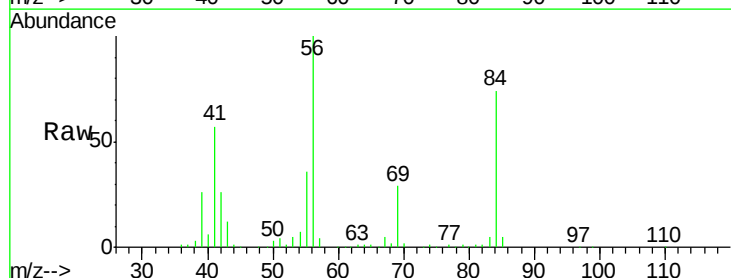
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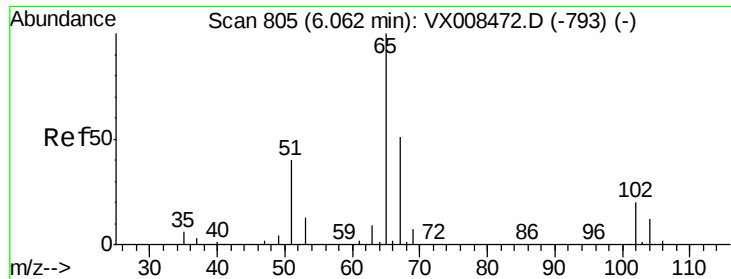
MMDadoda
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#26
Cyclohexane
Concen: 19.438 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	56	Resp	84778
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	76.2	73.9	110.9





#27

1,2-Dichloroethane-d4

Concen: 30.172 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 81497

Ion Ratio Lower Upper

65 100

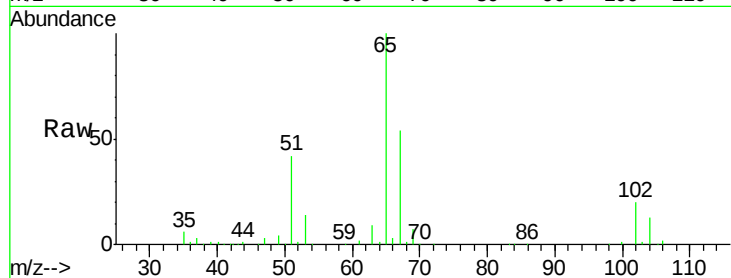
67 54.0 42.9 64.3

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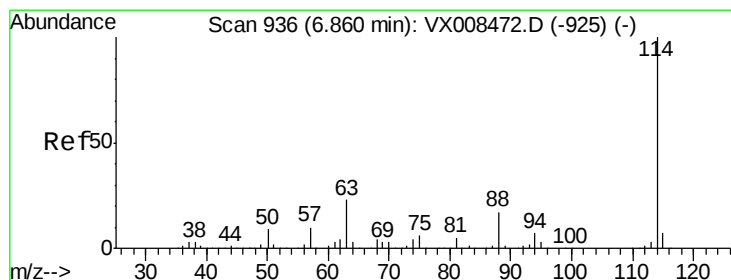
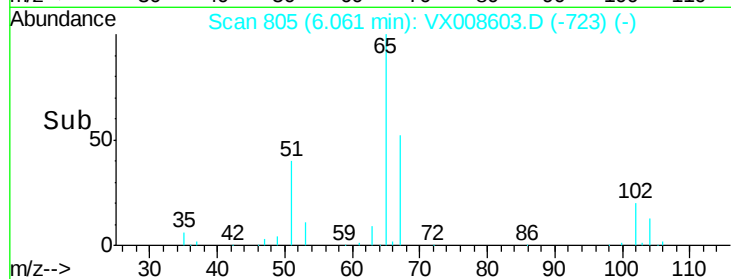
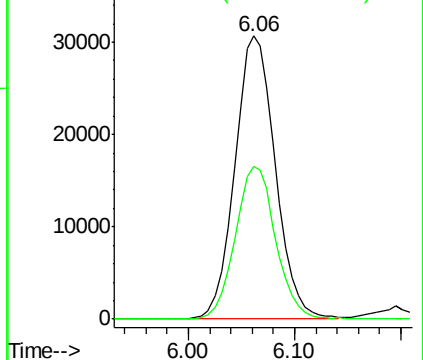
MMDadoda

4/3/2019 11:33:08 AM



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: VX008603.D

Acq: 02 Apr 2019 20:11

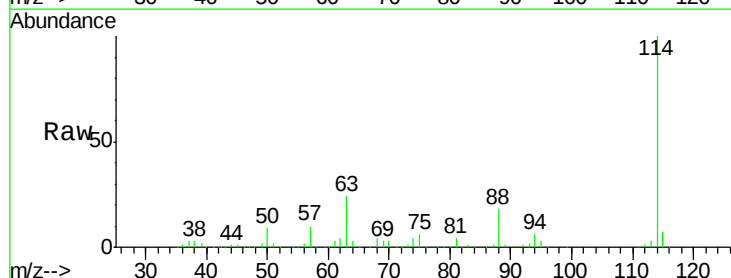
Tgt Ion: 114 Resp: 188062

Ion Ratio Lower Upper

114 100

63 23.7 14.2 21.4#

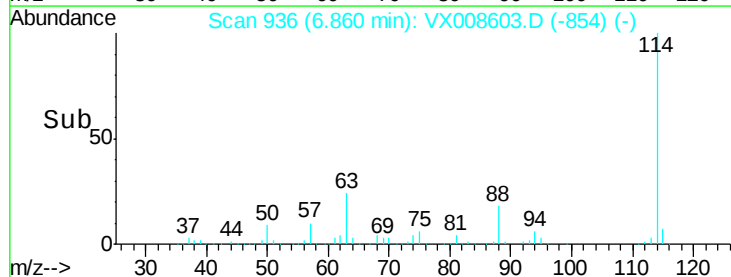
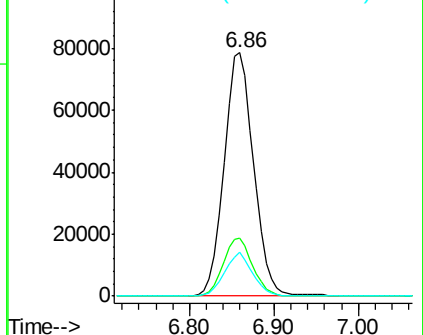
88 16.8 11.9 17.9

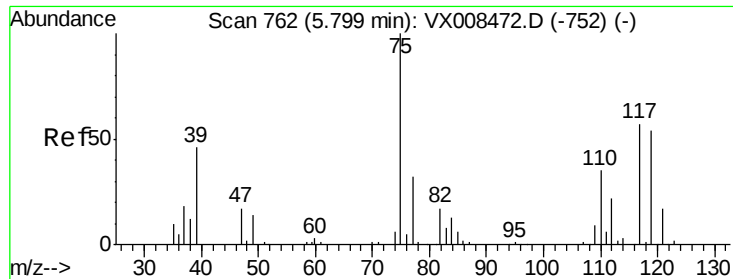


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





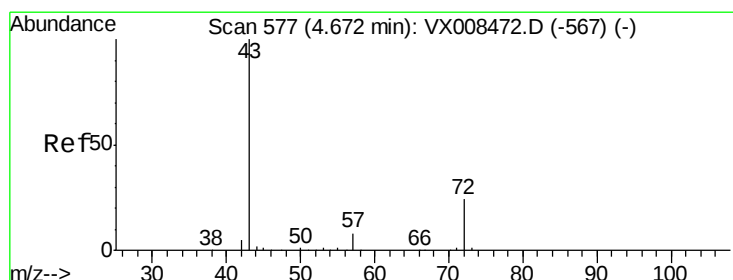
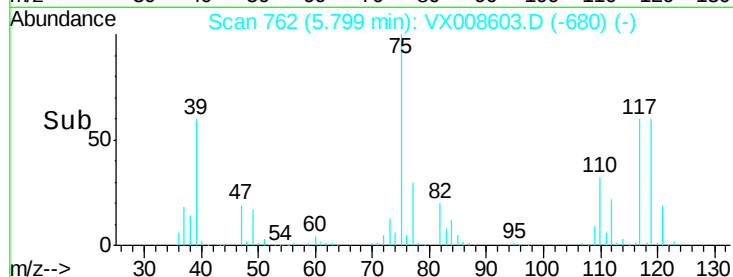
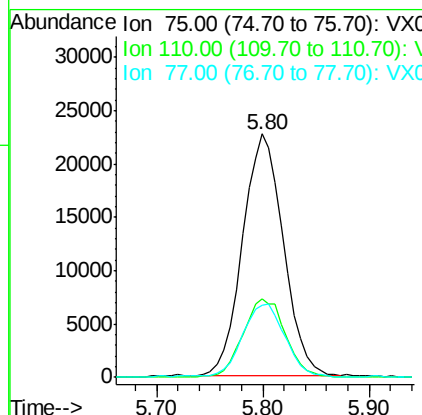
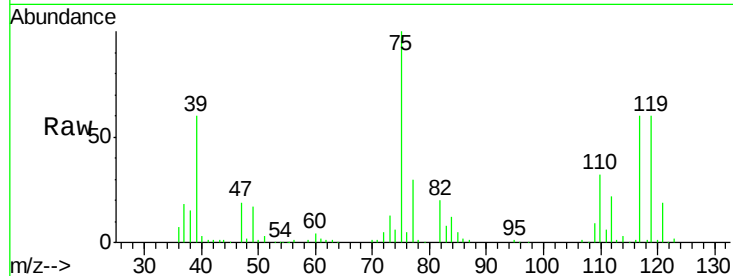
#29
 1,1-Dichloropropene
 Concen: 19.265 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.9	0.0	80.8
77	31.9	0.0	62.4

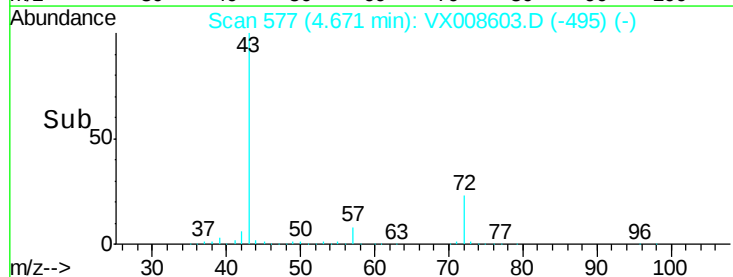
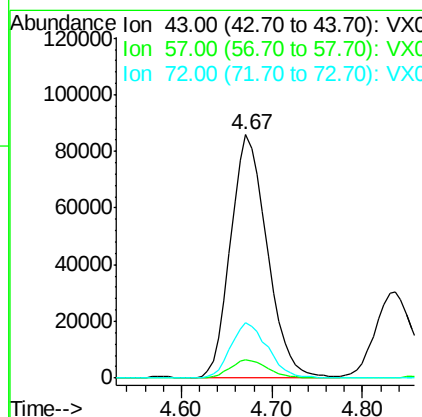
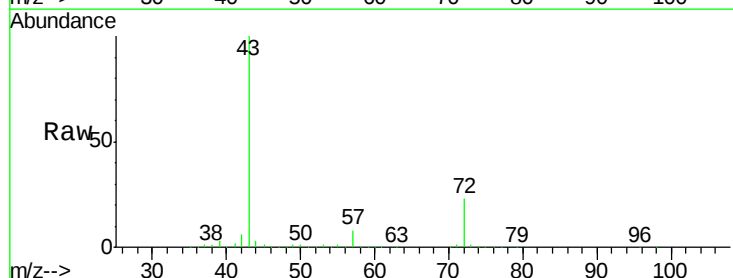
Manual Integrations
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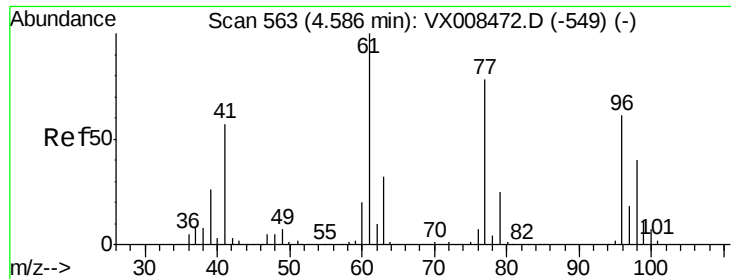
MMDadoda
 4/3/2019 11:33:08 AM



#30
 2-Butanone
 Concen: 102.858 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	7.0	10.6
72	23.2	21.5	32.3





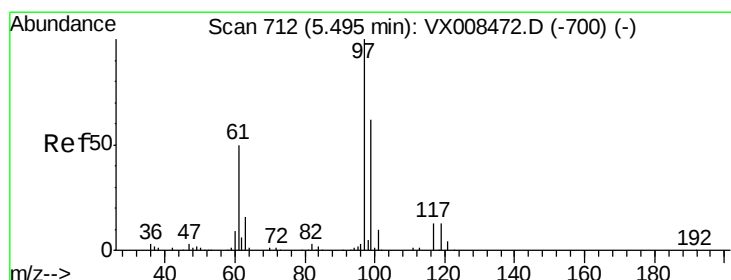
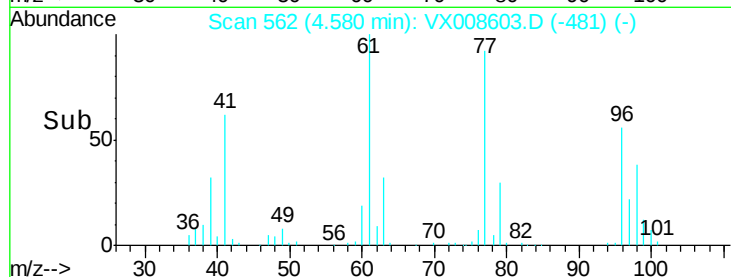
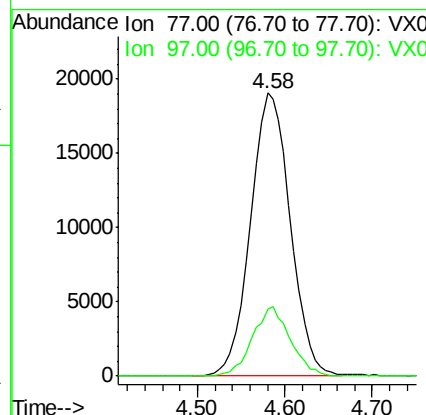
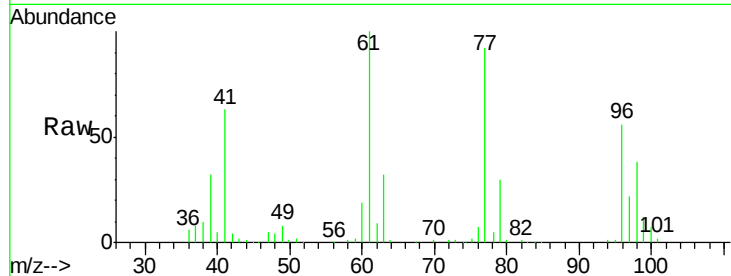
#31
 2,2-Dichloropropane
 Concen: 19.105 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 77 Resp: 60370
 Ion Ratio Lower Upper
 77 100
 97 23.3 20.6 31.0

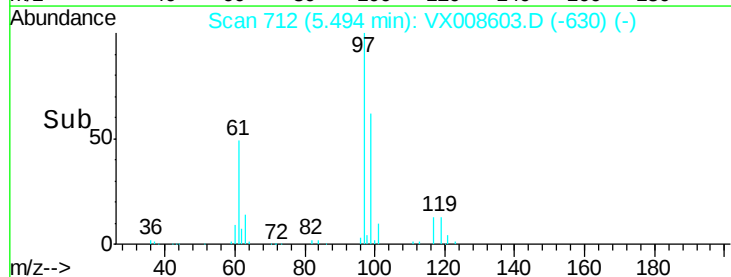
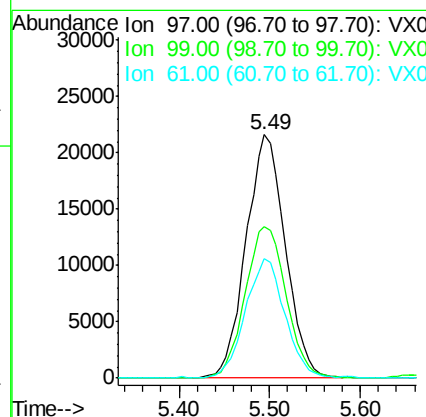
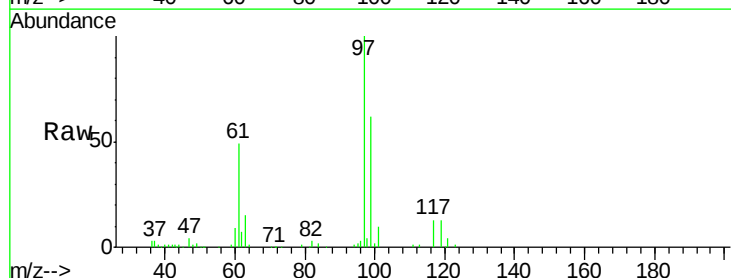
Manual Integrations
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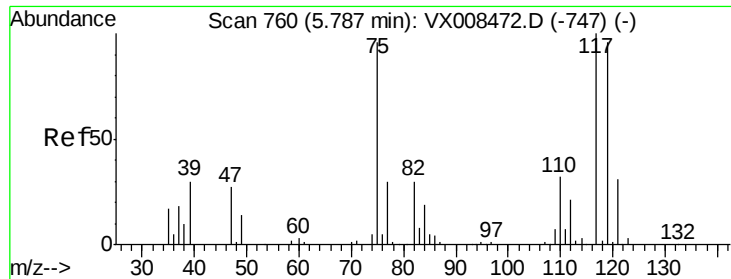
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 19.758 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion: 97 Resp: 64915
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.7 77.5
 61 49.3 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 19.450 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

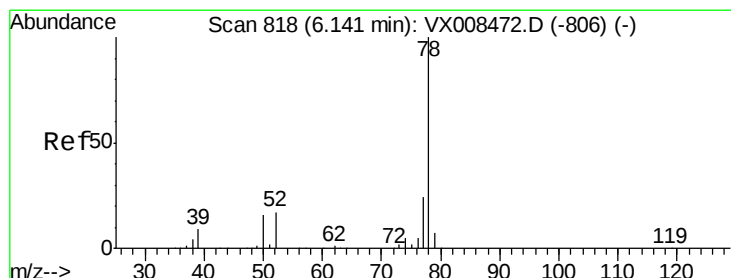
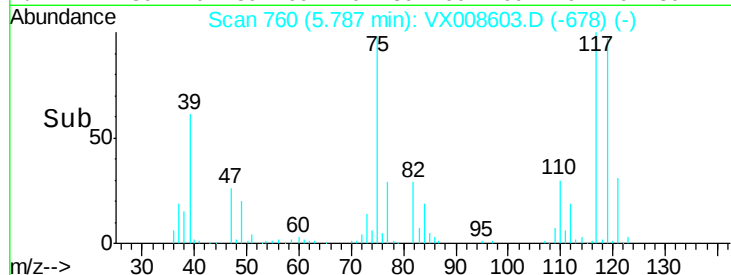
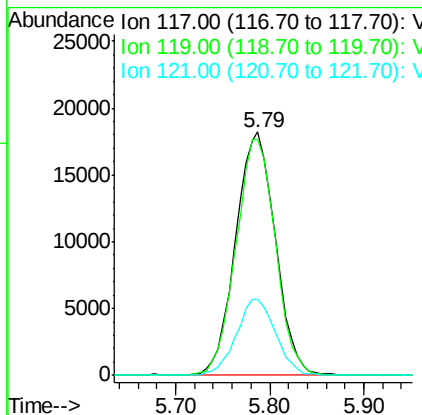
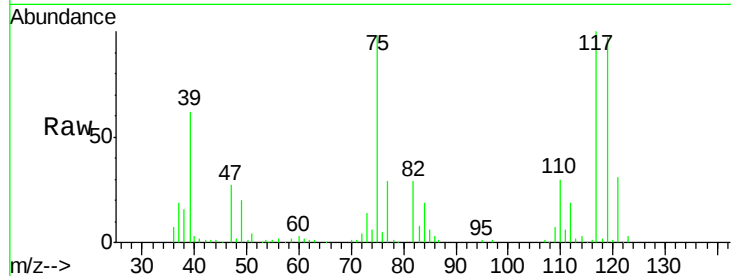
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	53466
Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.1	117.1
121	31.4	27.0	40.6

Manual Integrations
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#34

Benzene

Concen: 19.954 ug/l

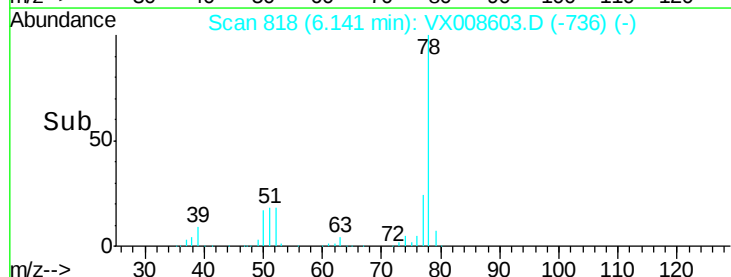
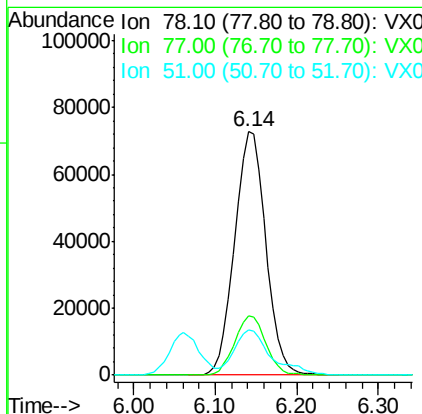
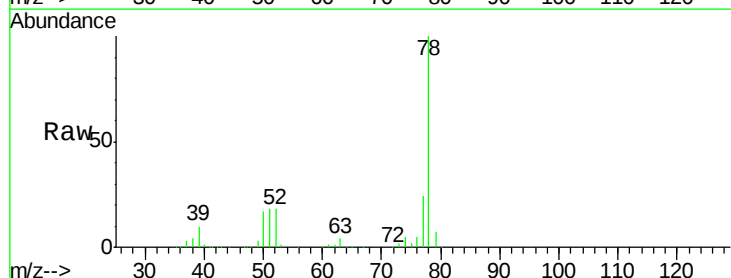
RT: 6.14 min Scan# 818

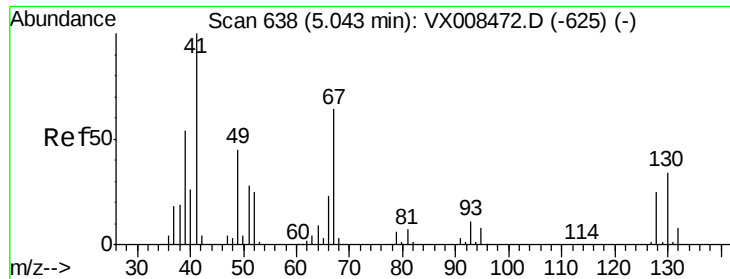
Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Tgt Ion:	78	Resp:	192983
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7
51	18.1	10.8	16.2#





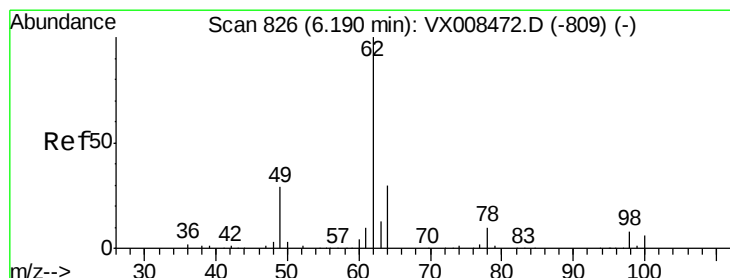
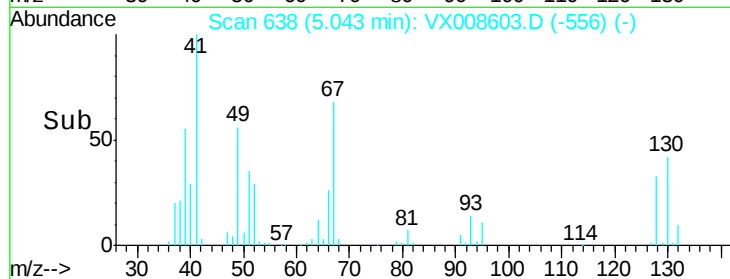
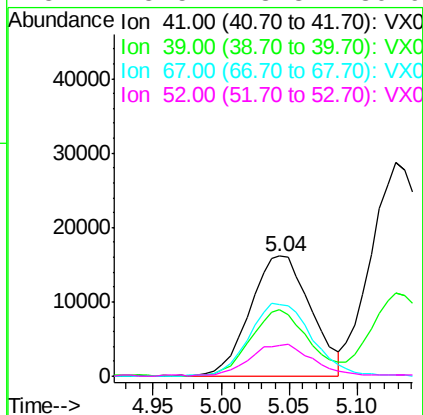
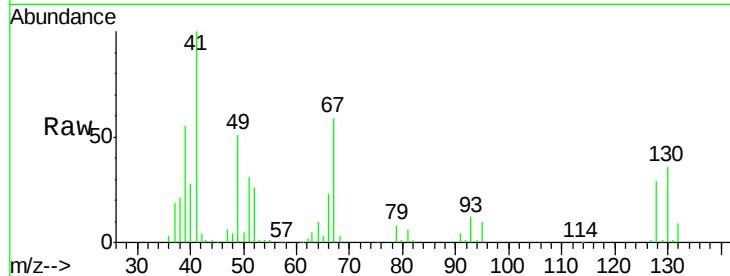
#35
Methacrylonitrile
Concen: 21.061 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	27.4	82.0	
67	58.9	37.9	113.6	
52	25.5	13.3	39.9	

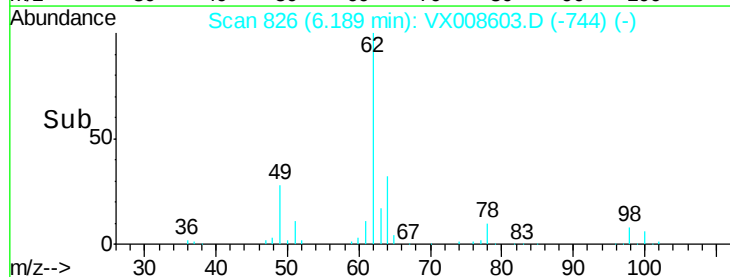
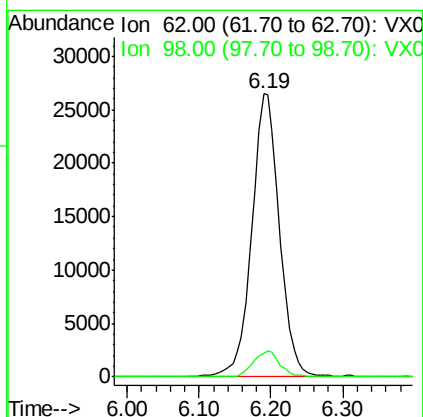
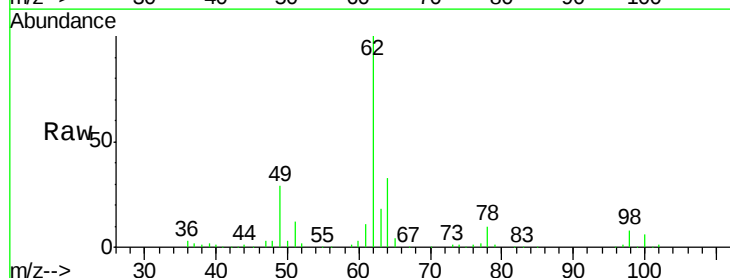
Manual Integrations
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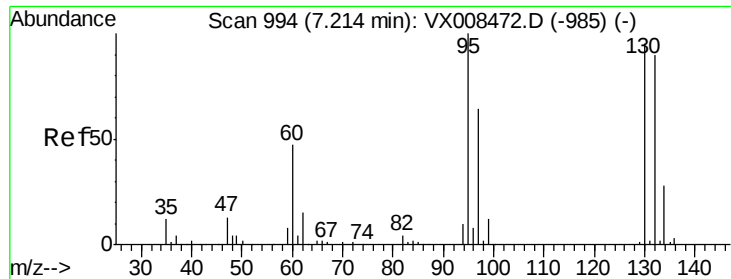
MMDadoda
4/3/2019 11:33:08 AM



#36
1,2-Dichloroethane
Concen: 20.493 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	7.8	11.8	





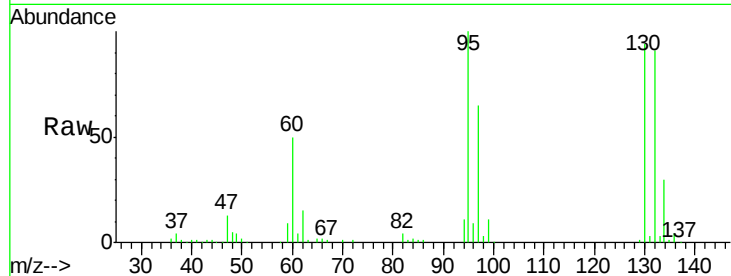
#37
 Trichloroethene
 Concen: 19.604 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

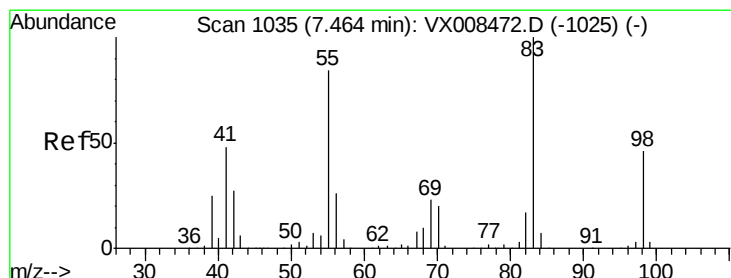
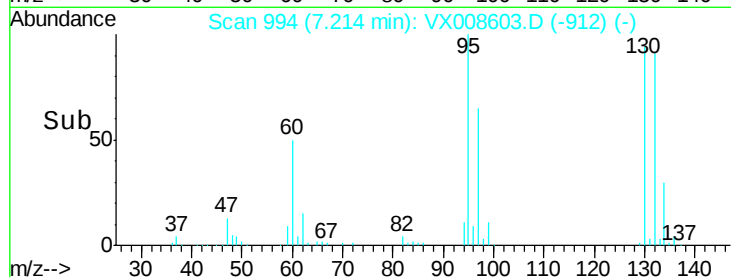
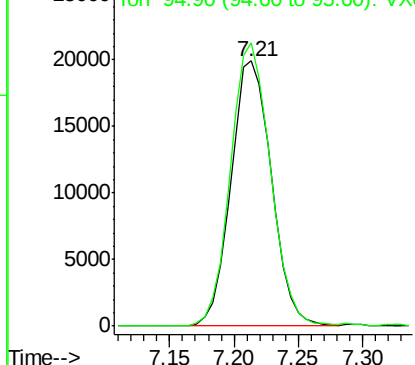
Tot Ion:130 Resp: 43601
 Ion Ratio Lower Upper
 130 100
 95 106.4 71.3 106.9

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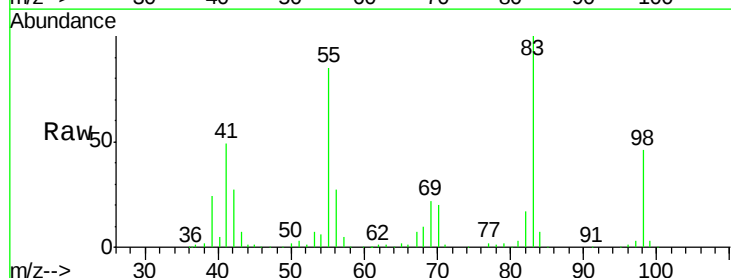


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

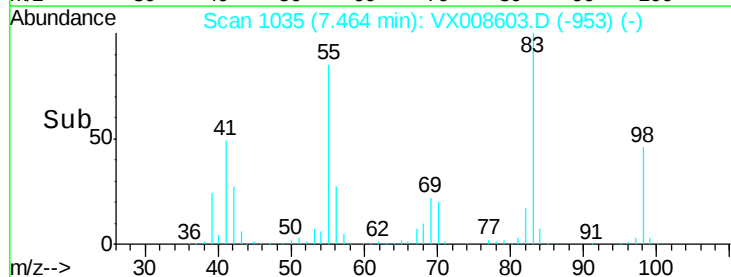
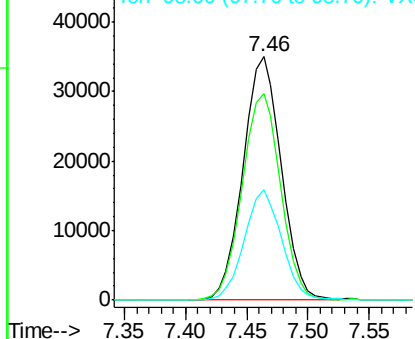


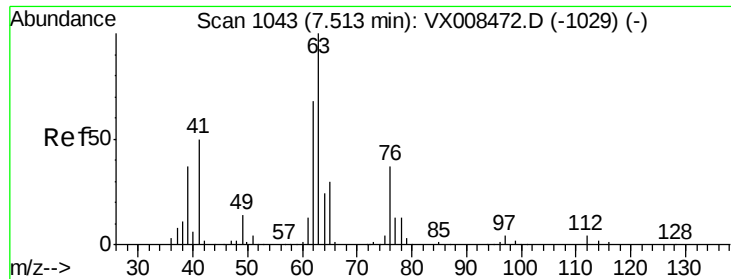
#38
 Methylcyclohexane
 Concen: 19.155 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion: 83 Resp: 76365
 Ion Ratio Lower Upper
 83 100
 55 84.7 36.0 108.0
 98 44.4 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





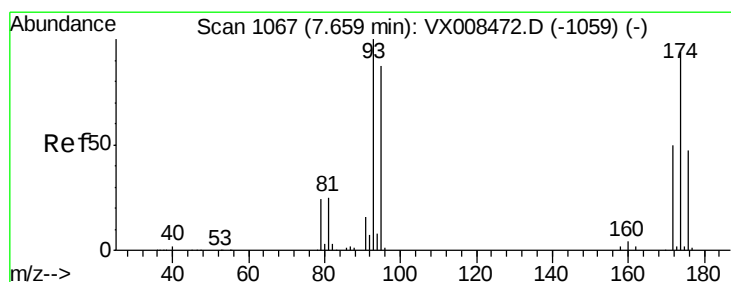
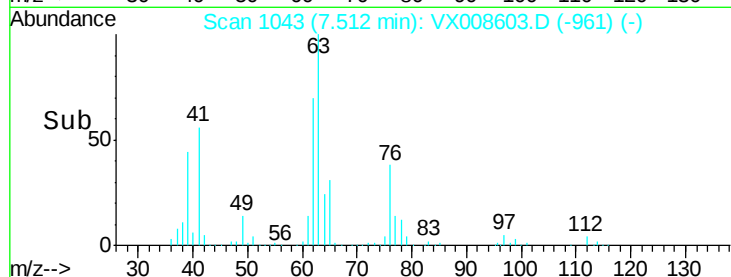
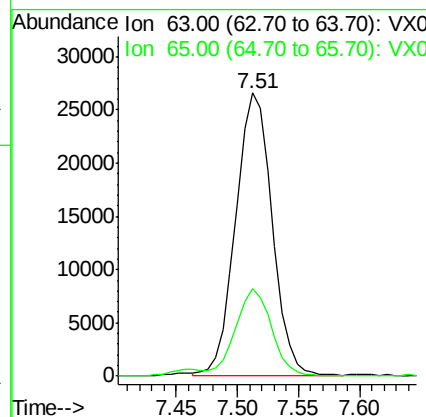
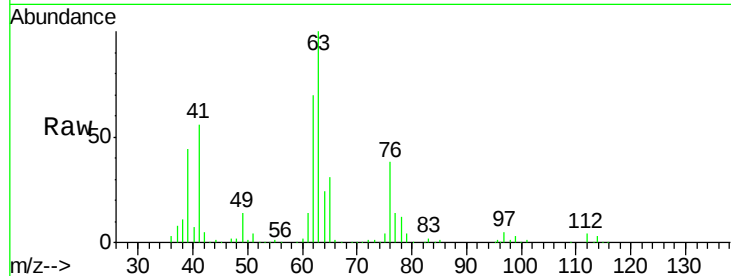
#39
 1,2-Dichloropropane
 Concen: 20.128 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 63 Resp: 55214
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 37.0

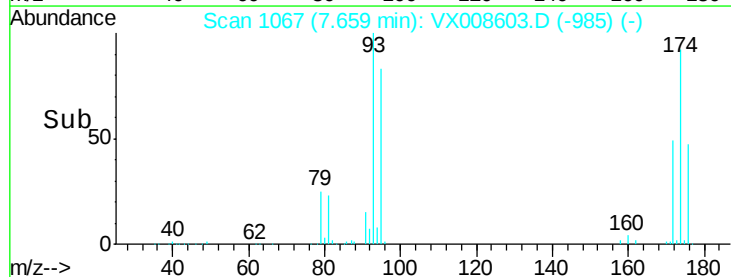
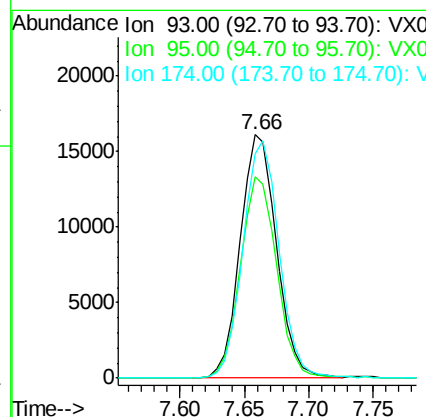
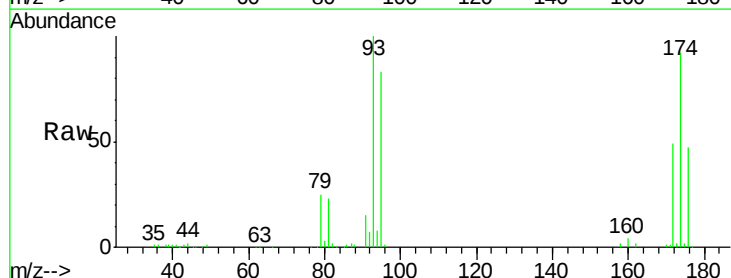
Manual Integrations
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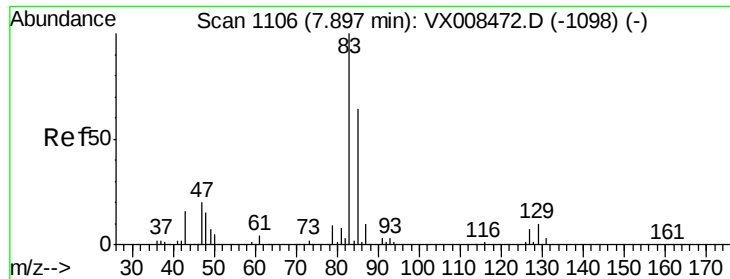
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#40
 Dibromomethane
 Concen: 19.798 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion: 93 Resp: 31460
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 158.8
 174 97.1 0.0 224.2





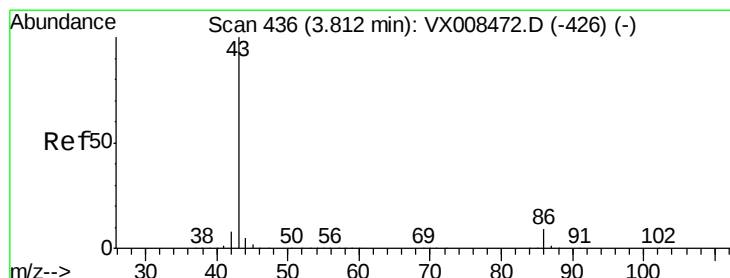
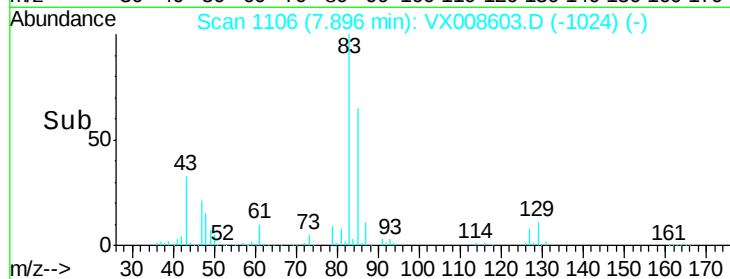
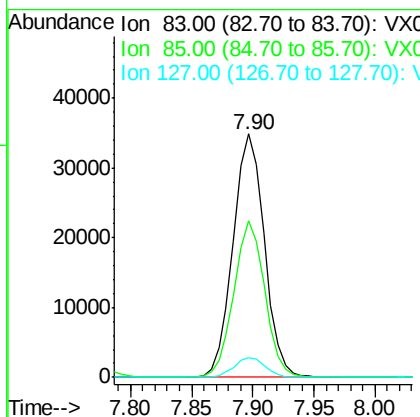
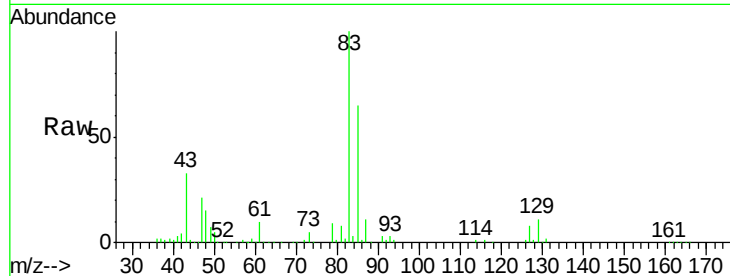
#41
Bromodichloromethane
Concen: 19.823 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	61936
Ion Ratio	100	Lower	Upper
83	100		
85	64.5	51.1	76.7
127	8.3	7.2	10.8

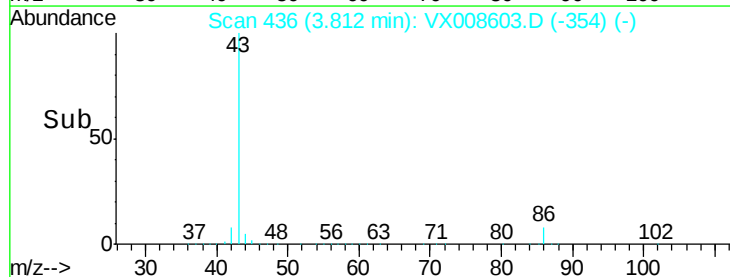
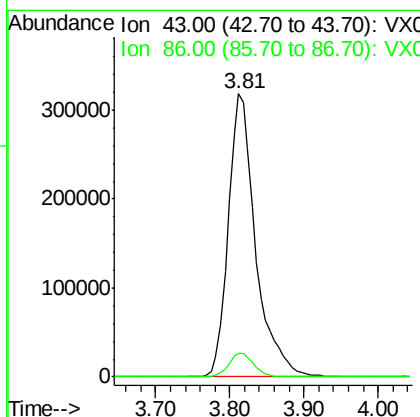
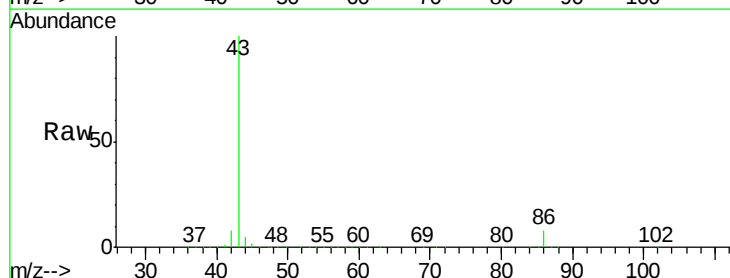
Manual Integrations
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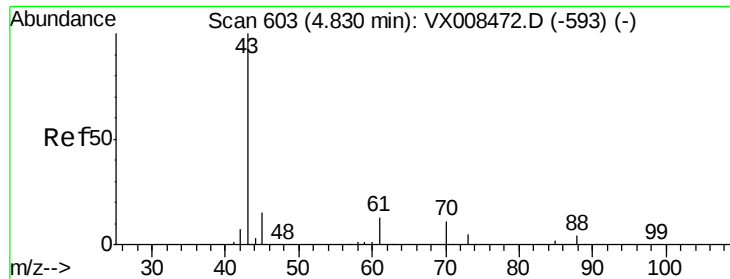
MMDadoda
4/3/2019 11:33:08 AM



#42
Vinyl Acetate
Concen: 103.530 ug/l
RT: 3.81 min Scan# 436
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	43	Resp	816522
Ion Ratio	100	Lower	Upper
43	100		
86	7.7	8.2	12.2#





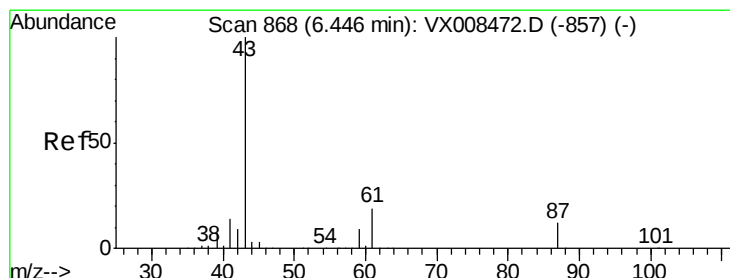
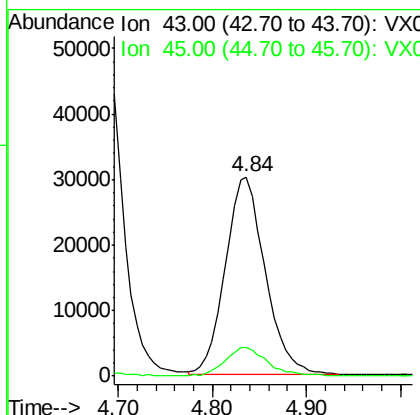
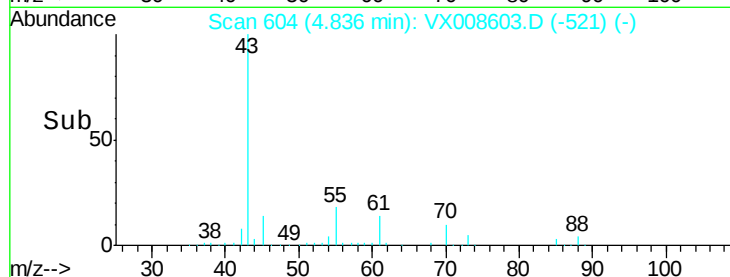
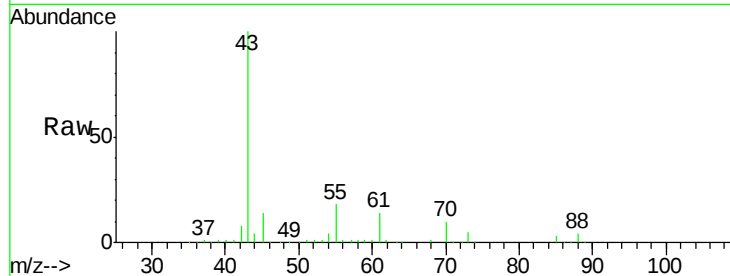
#43
Ethyl Acetate
Concen: 21.139 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 88519
Ion Ratio Lower Upper
43 100
45 14.6 6.9 10.3#

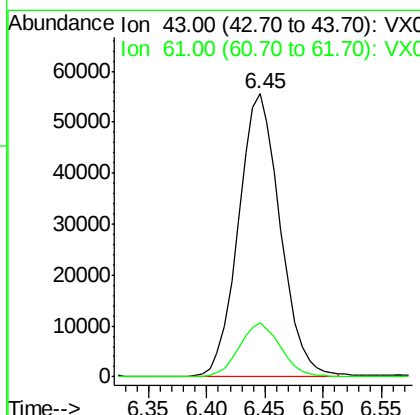
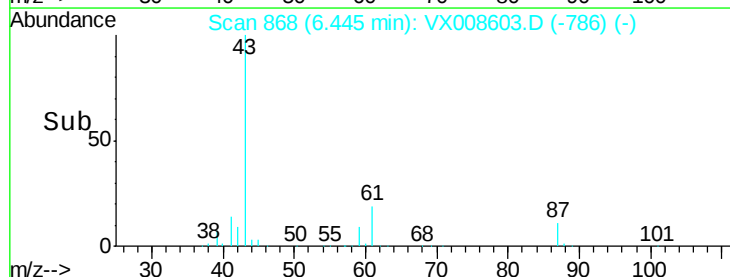
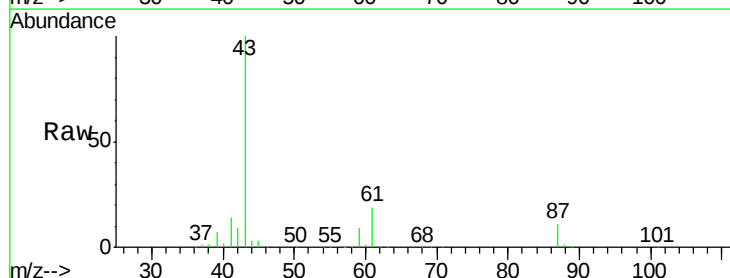
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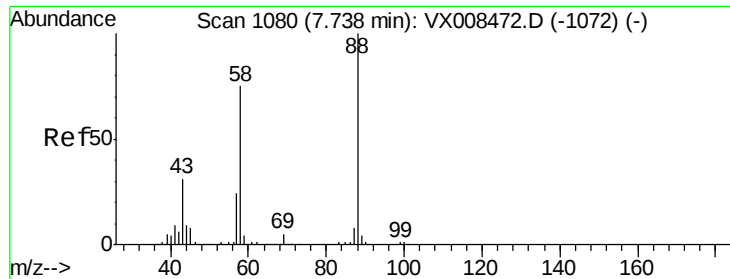
MMDadoda
4/3/2019 11:33:08 AM



#44
Isopropyl Acetate
Concen: 20.417 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion: 43 Resp: 138240
Ion Ratio Lower Upper
43 100
61 19.2 16.1 24.1





#45

1,4-Dioxane

Concen: 426.678 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

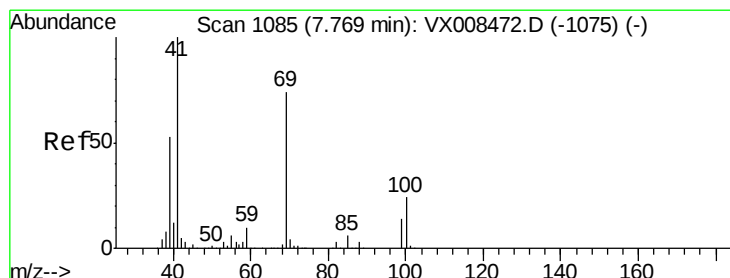
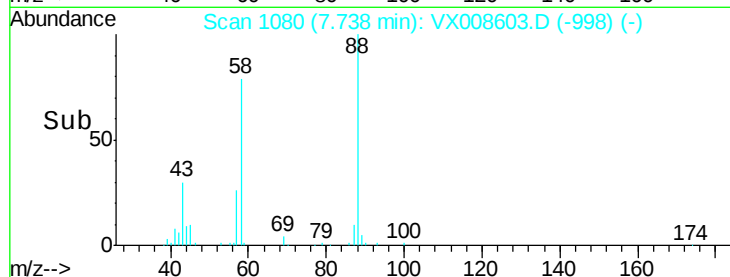
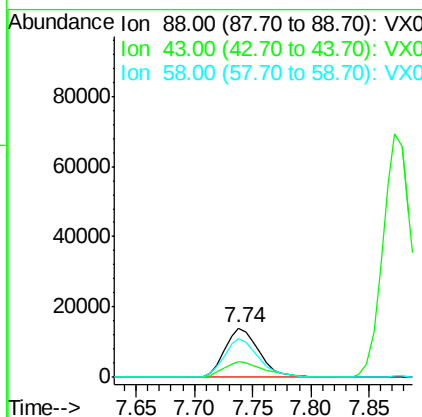
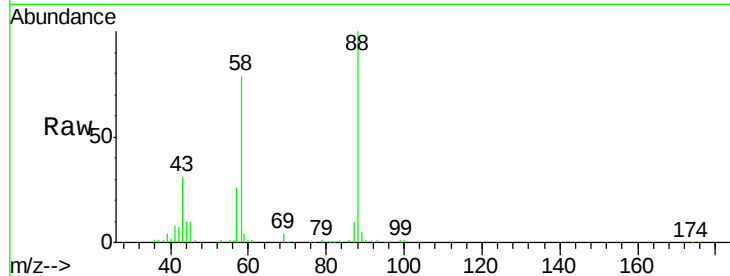
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	28760
Ion	Ratio	Lower	Upper
88	100		
43	35.6	23.6	35.4#
58	78.4	51.6	77.4#

Manual Integrations
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#46

Methyl methacrylate

Concen: 20.523 ug/l

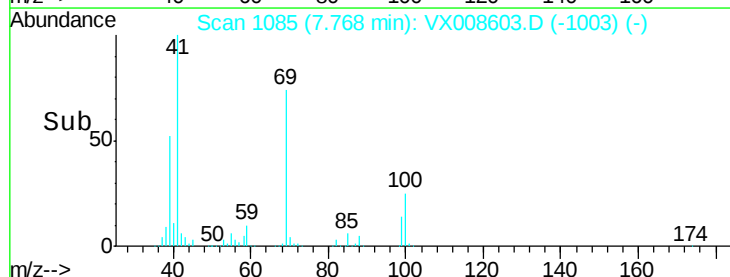
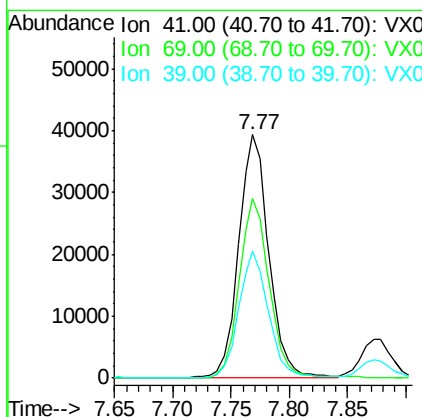
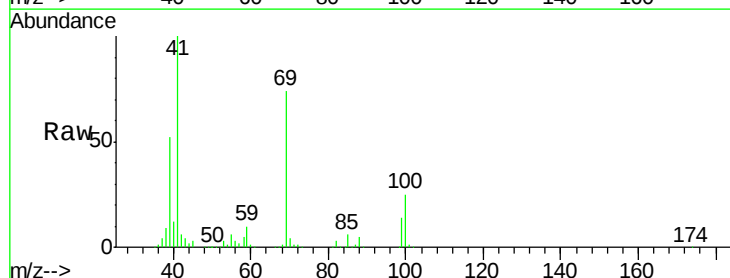
RT: 7.77 min Scan# 1085

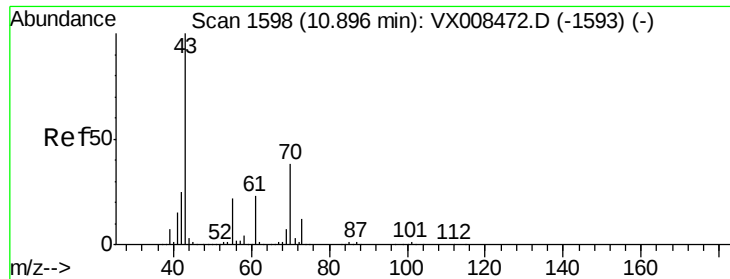
Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Tgt Ion:	41	Resp:	70577
Ion	Ratio	Lower	Upper
41	100		
69	74.1	44.2	132.6
39	52.1	29.9	89.8





#47

n-amvl Acetate

Concen: 20.311 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 124925

Ion Ratio Lower Upper

43 100

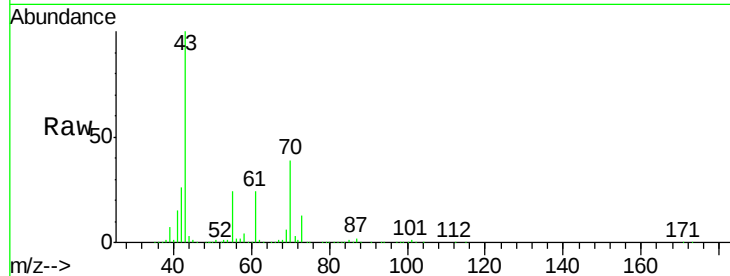
55 22.7 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

120000

100000

80000

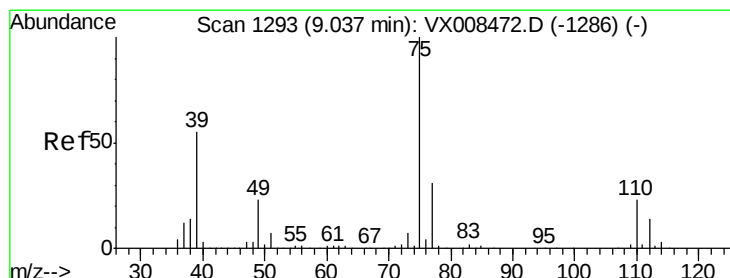
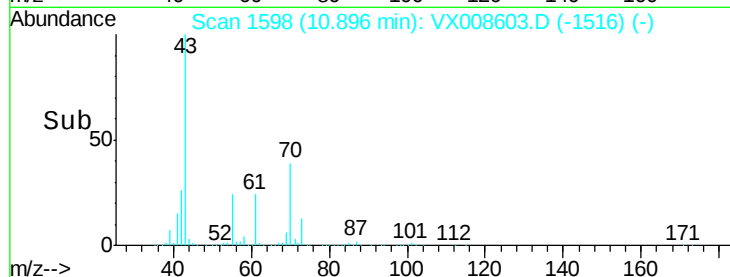
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 19.303 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX008603.D

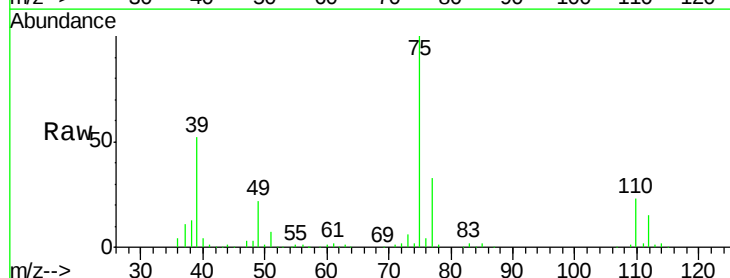
Acq: 02 Apr 2019 20:11

Tgt Ion: 75 Resp: 68124

Ion Ratio Lower Upper

75 100

77 32.5 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

50000

40000

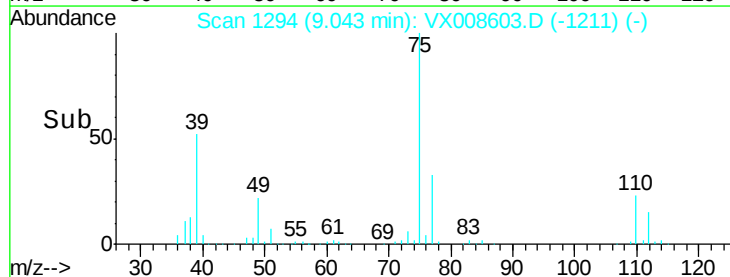
30000

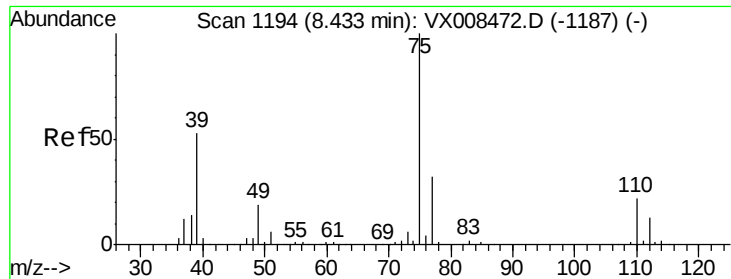
20000

10000

0

Time-->





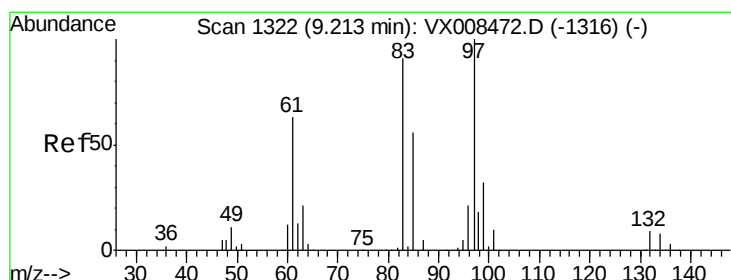
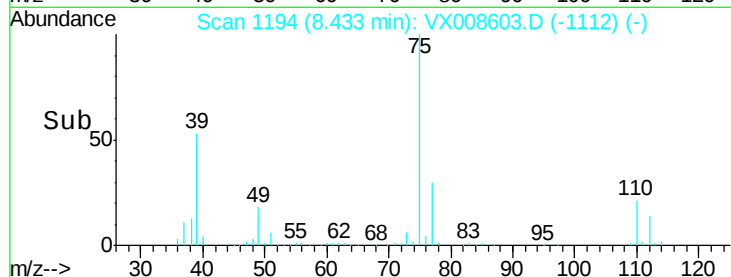
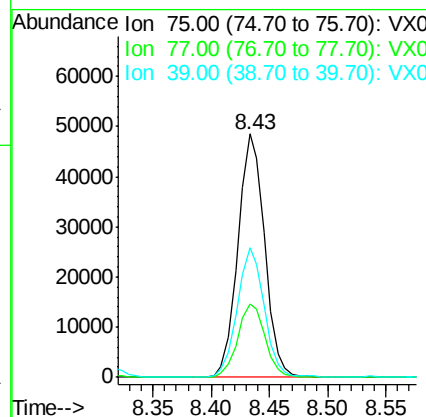
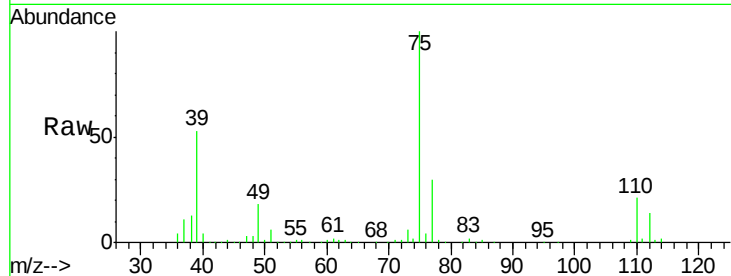
#49
 cis-1,3-Dichloropropene
 Concen: 19.696 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.0	37.4
39	52.9	38.5	57.7

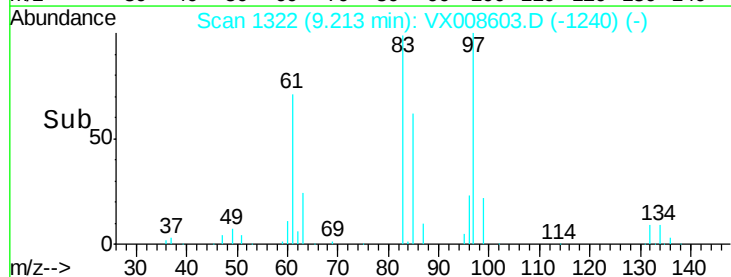
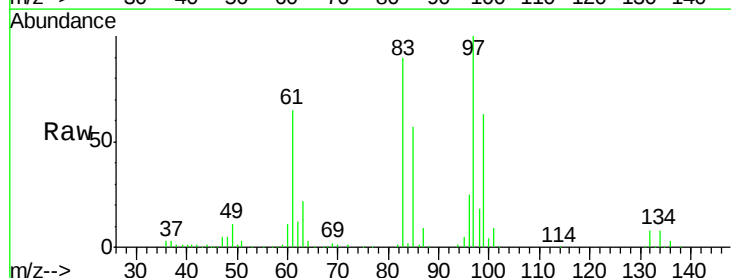
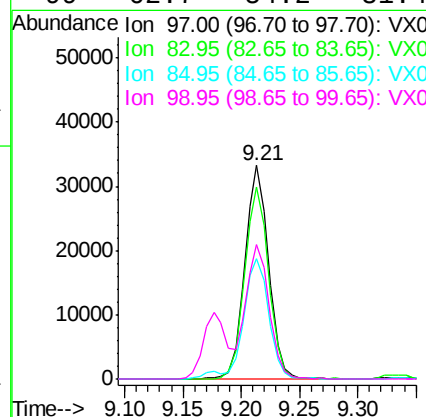
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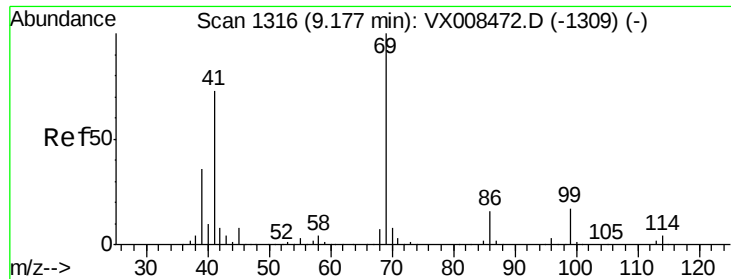
MMDadoda
 4/3/2019 11:33:08 AM



#50
 1,1,2-Trichloroethane
 Concen: 20.141 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.0	72.0	108.0
85	56.4	45.0	67.6
99	62.7	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.697 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

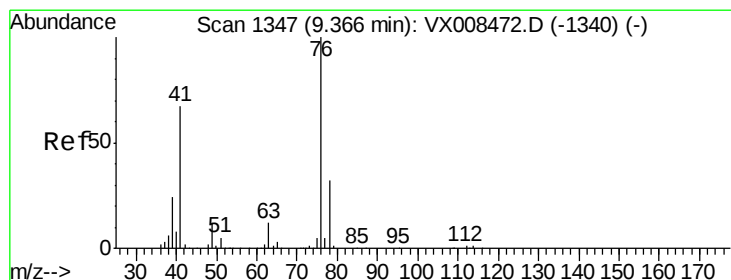
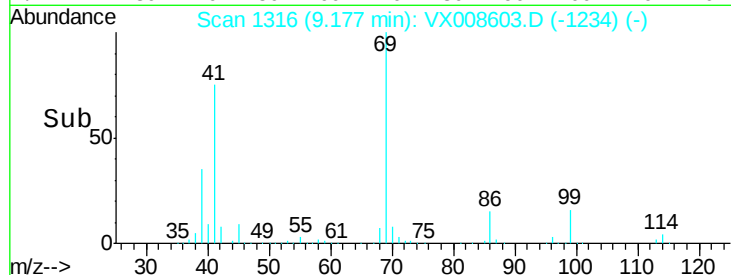
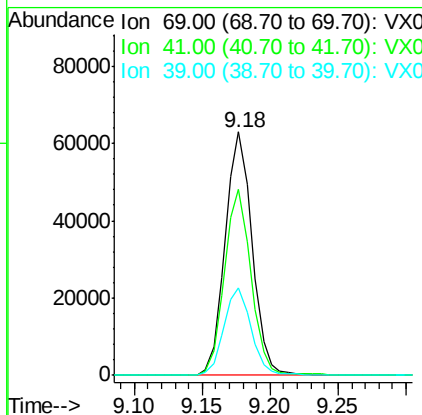
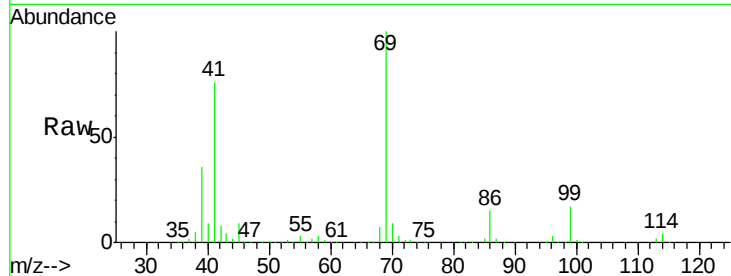
ClientSampled :

VSTDCCC020EC

Tot Ion:	69	Resp:	86483
Ion Ratio	Lower	Upper	
69	100		
41	76.1	32.1	96.5
39	35.7	18.8	56.3

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#52

1,3-Dichloropropane

Concen: 20.048 ug/l

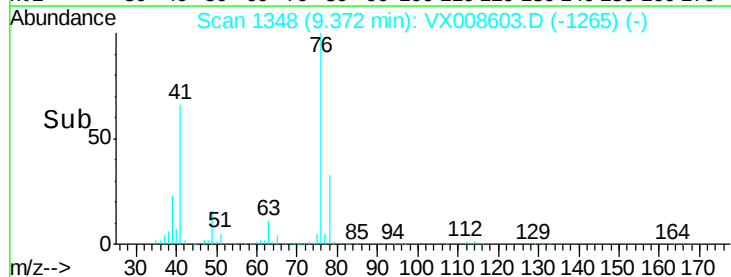
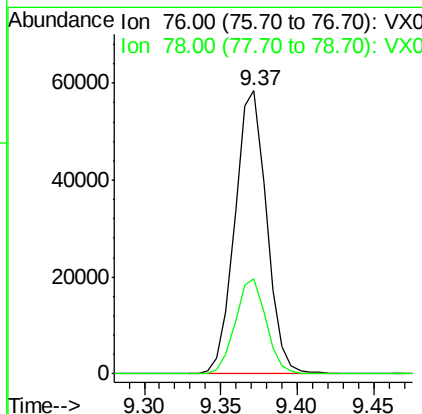
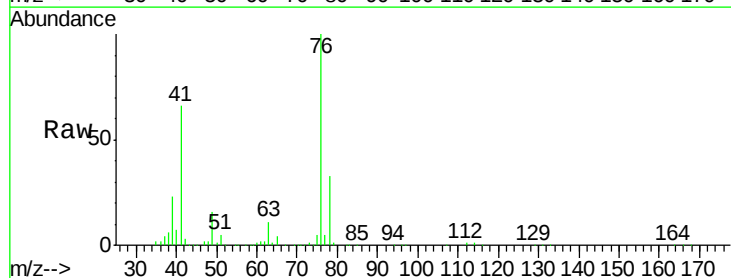
RT: 9.37 min Scan# 1348

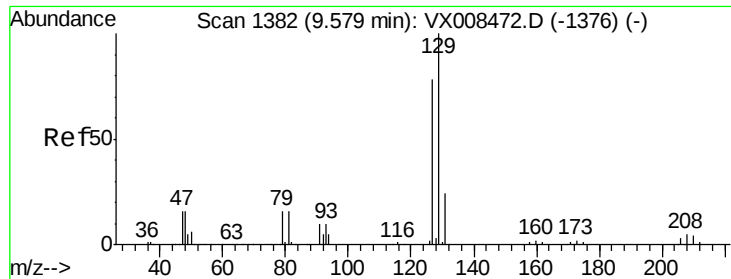
Delta R.T. 0.01 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Tgt Ion:	76	Resp:	84156
Ion Ratio	Lower	Upper	
76	100		
78	32.7	0.0	65.2





#53

Dibromochloromethane

Concen: 19.098 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 44342

Ion Ratio Lower Upper

129 100

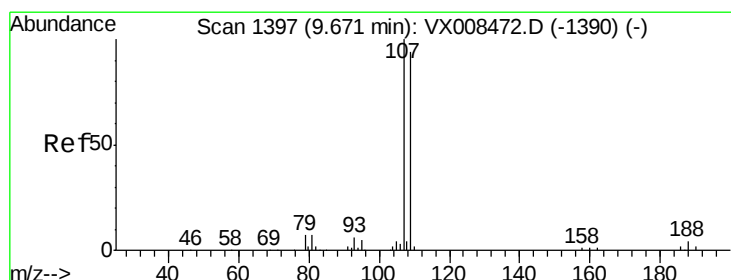
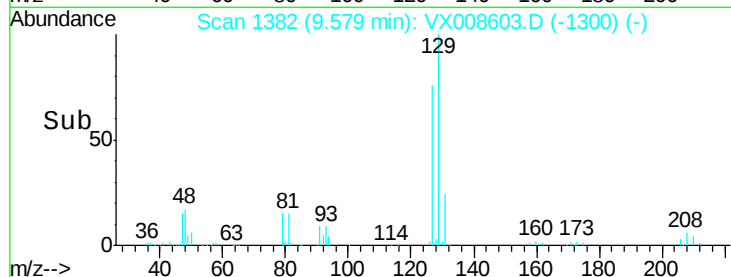
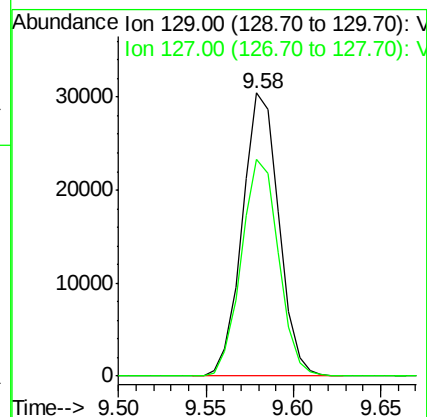
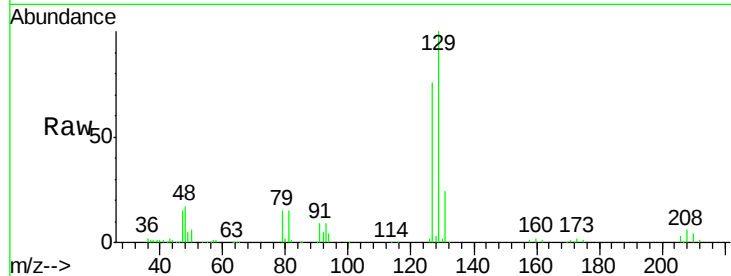
127 77.8 38.4 115.2

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#54

1,2-Dibromoethane

Concen: 19.996 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008603.D

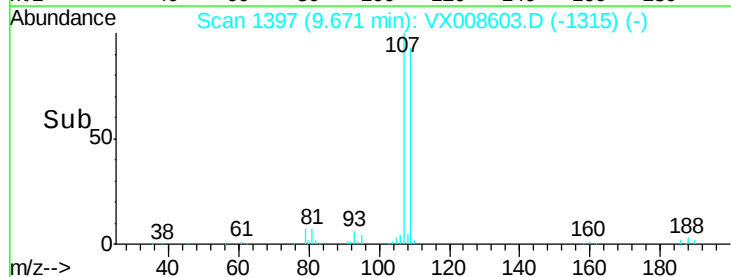
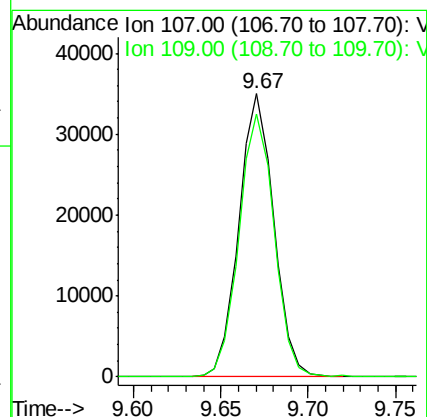
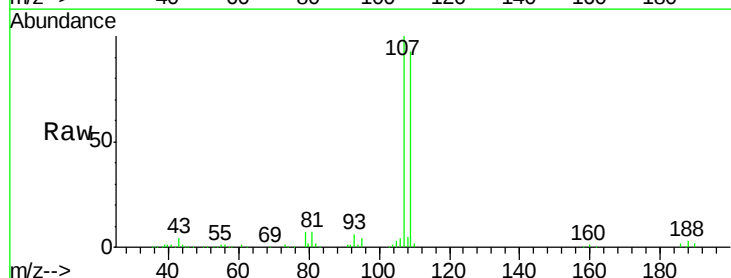
Acq: 02 Apr 2019 20:11

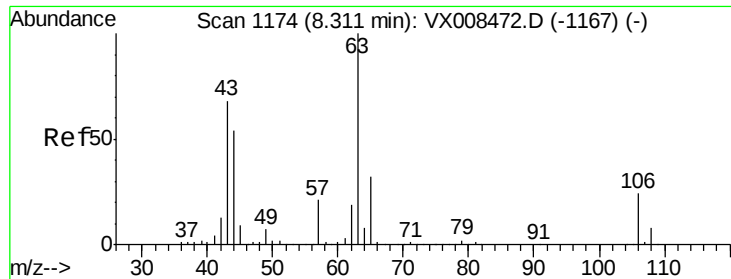
Tgt Ion:107 Resp: 48637

Ion Ratio Lower Upper

107 100

109 93.8 76.6 115.0





#55

2-Chloroethyl vinyl ether

Concen: 100.594 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 222825

Ion Ratio Lower Upper

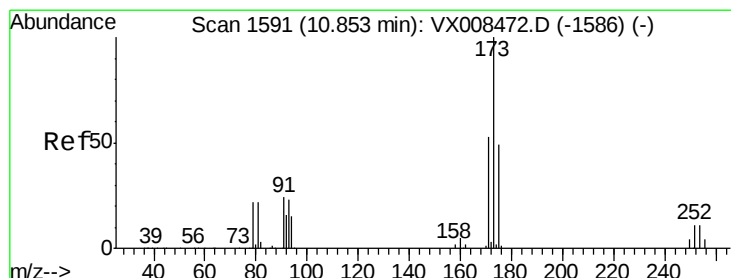
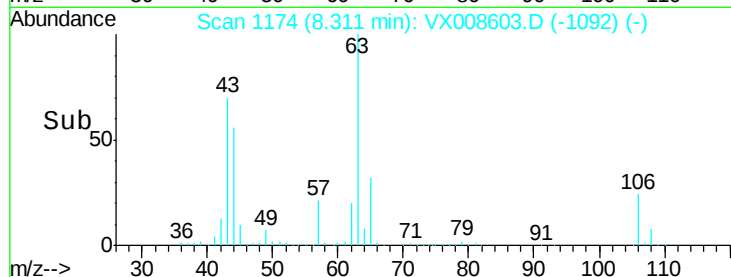
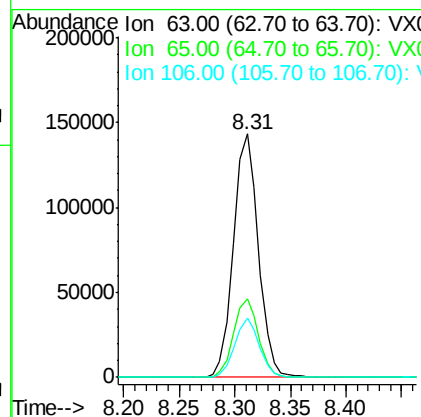
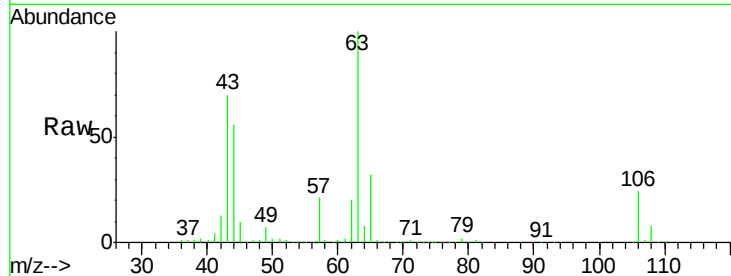
63 100

65 32.2 25.7 38.5

106 23.9 23.7 35.5

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#56

Bromoform

Concen: 18.807 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

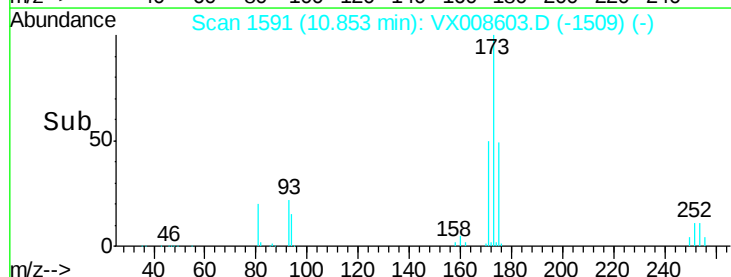
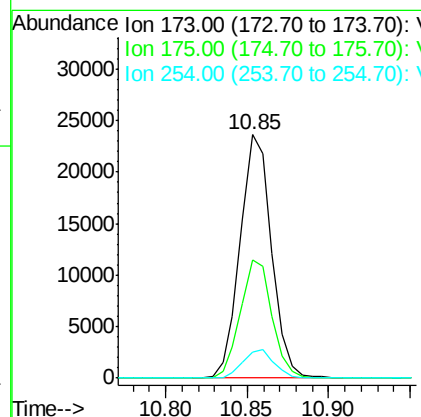
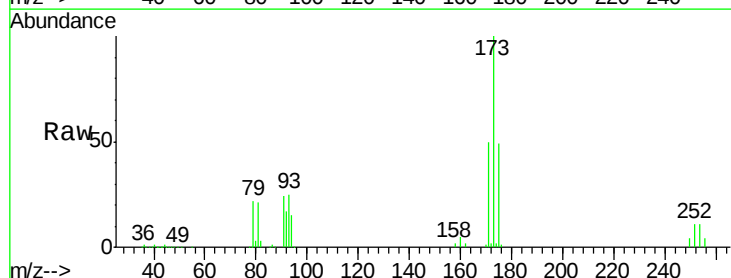
Tgt Ion: 173 Resp: 31824

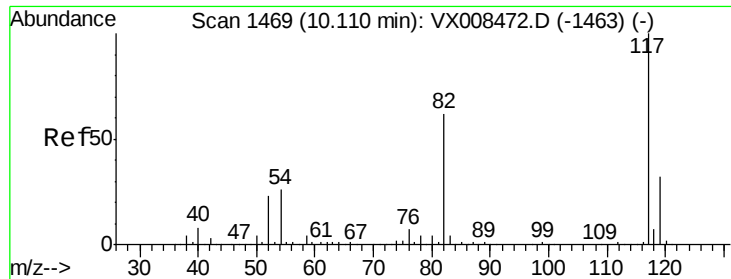
Ion Ratio Lower Upper

173 100

175 48.7 38.5 57.7

254 11.6 7.4 11.2#





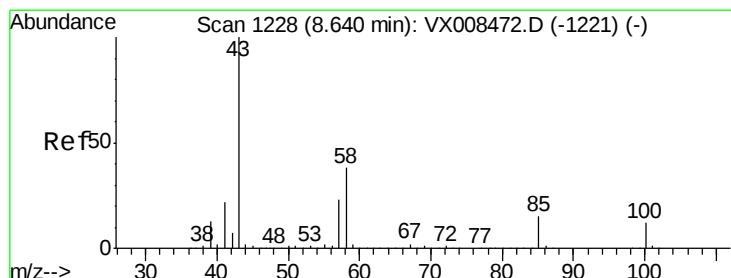
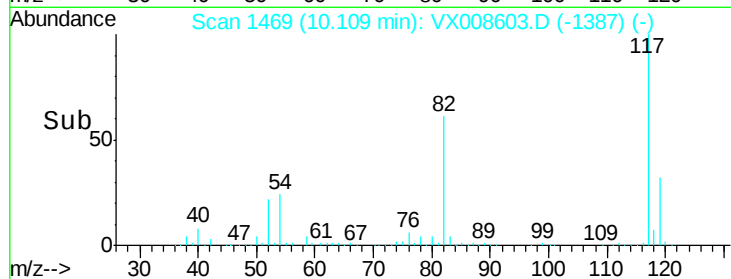
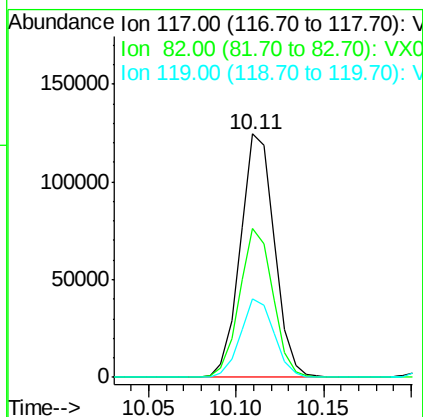
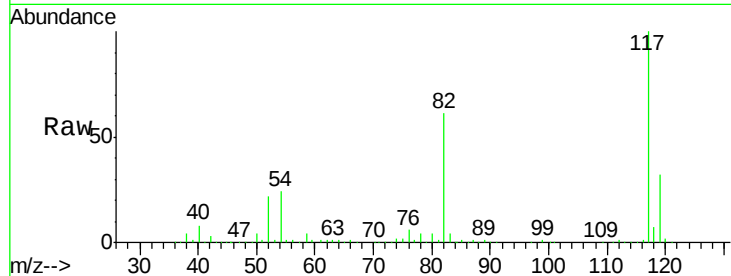
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	40.4	60.6
119	31.8	25.8	38.6

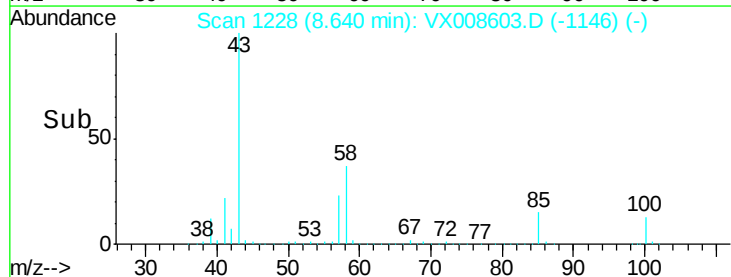
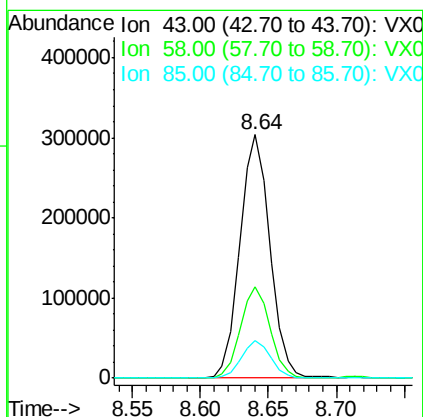
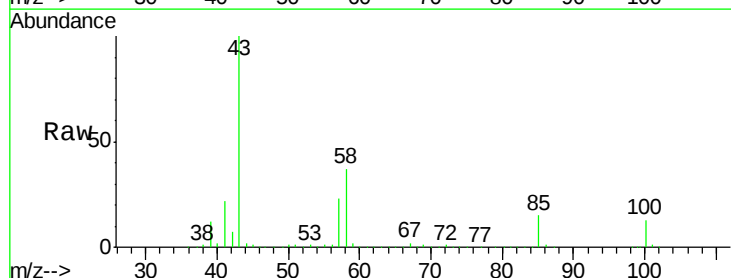
Manual Integrations
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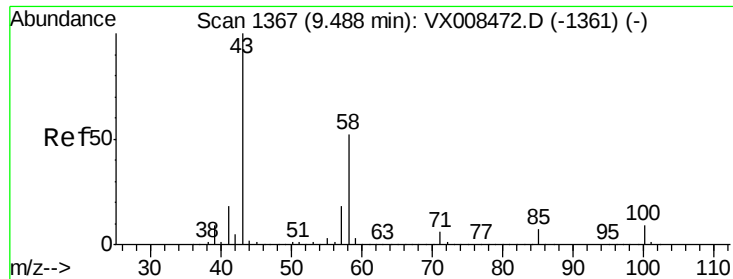
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 105.387 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.0	31.4	47.0
85	15.0	15.0	22.6#





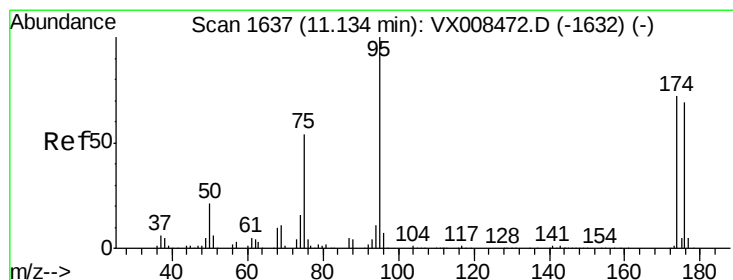
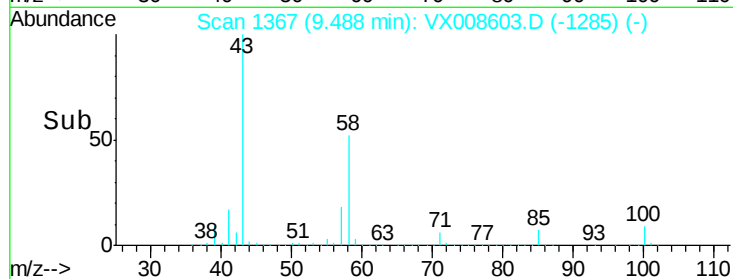
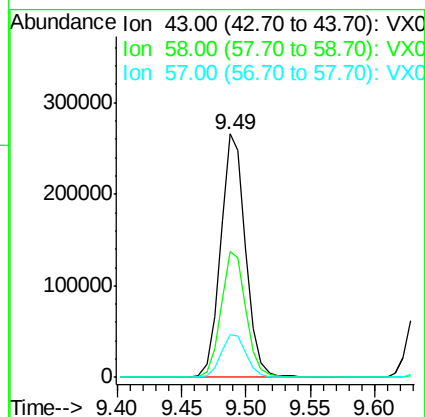
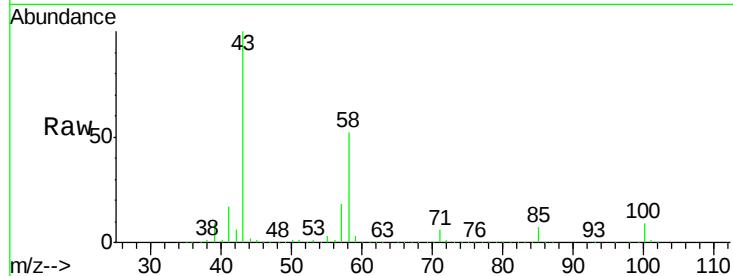
#59
2-Hexanone
Concen: 102.871 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.0	43.9	65.9
57	18.2	14.9	22.3

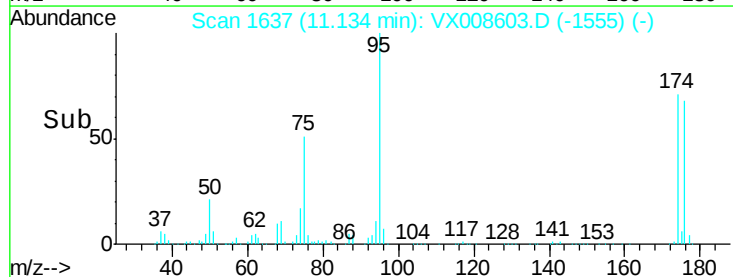
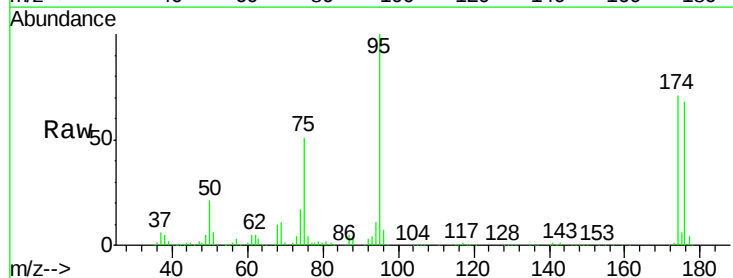
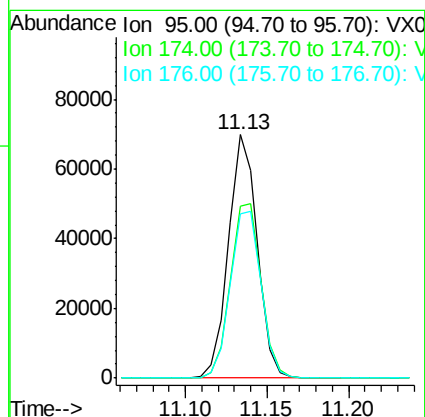
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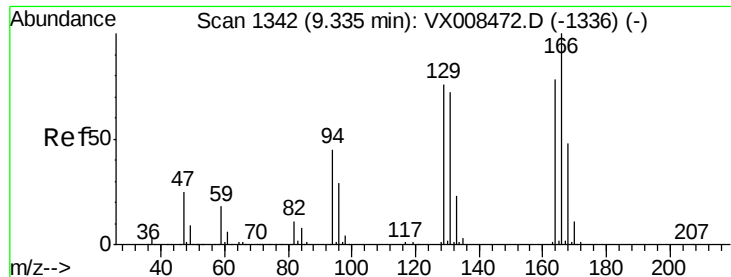
MMDadoda
4/3/2019 11:33:08 AM



#60
4-Bromofluorobenzene
Concen: 29.173 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.3	74.9	112.3
176	73.7	70.7	106.1





#61

Tetrachloroethene

Concen: 20.615 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 37963

Ion Ratio Lower Upper

164 100

166 124.3 103.9 155.9

129 93.9 74.7 112.1

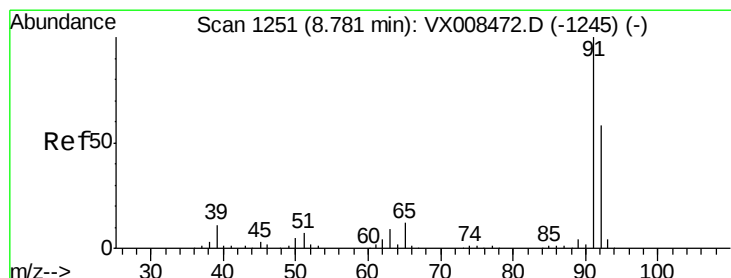
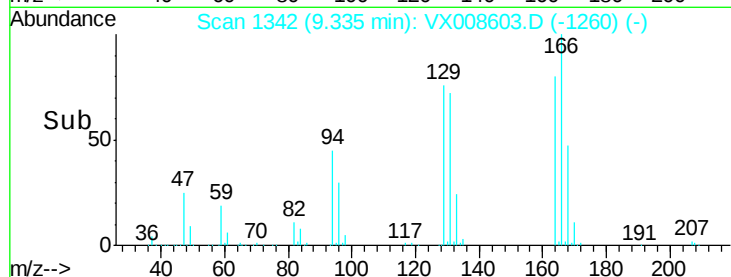
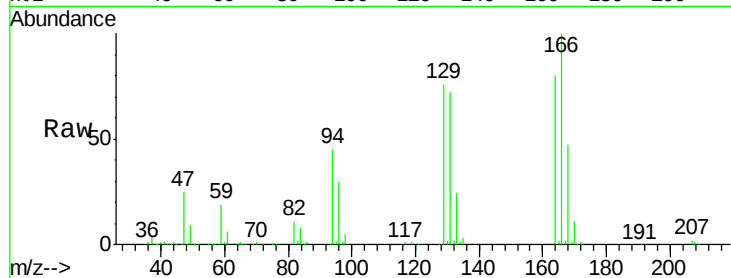
131 88.8 71.7 107.5

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#62

Toluene

Concen: 19.992 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008603.D

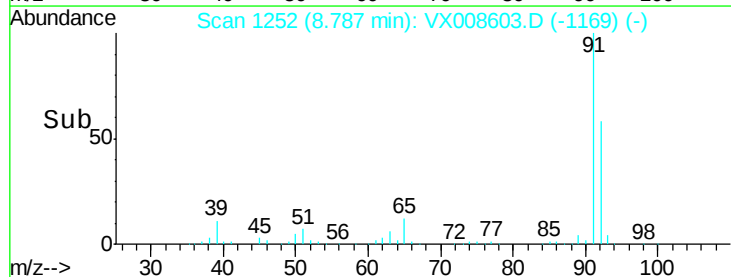
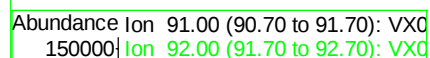
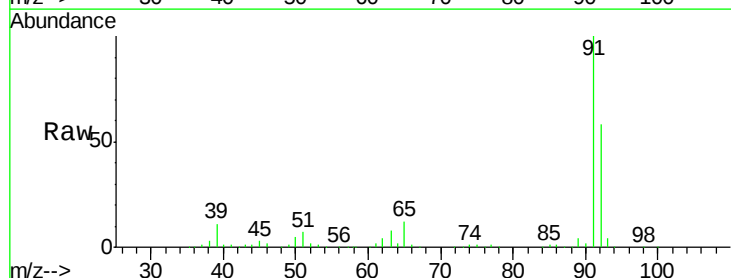
Acq: 02 Apr 2019 20:11

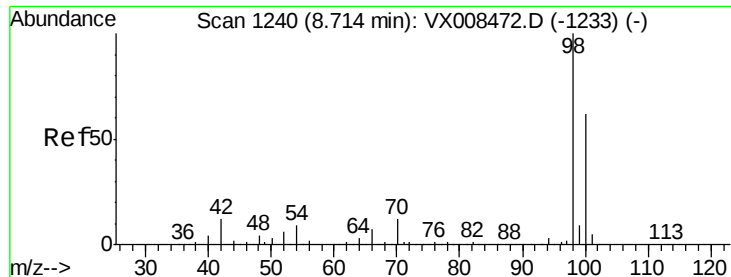
Tgt Ion: 91 Resp: 203776

Ion Ratio Lower Upper

91 100

92 57.7 46.4 69.6





#63

Toluene-d8

Concen: 29.575 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 236345

Ion Ratio Lower Upper

98 100

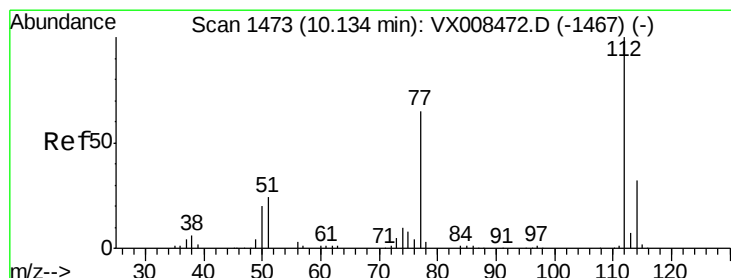
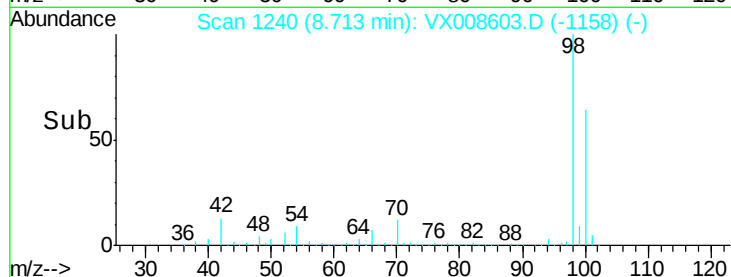
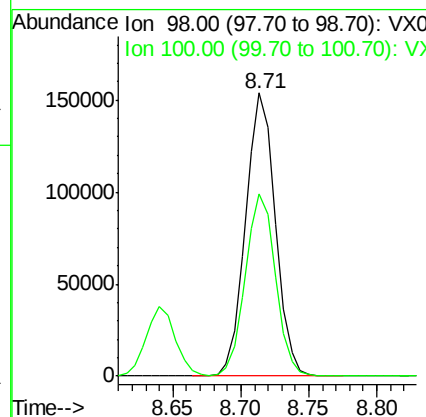
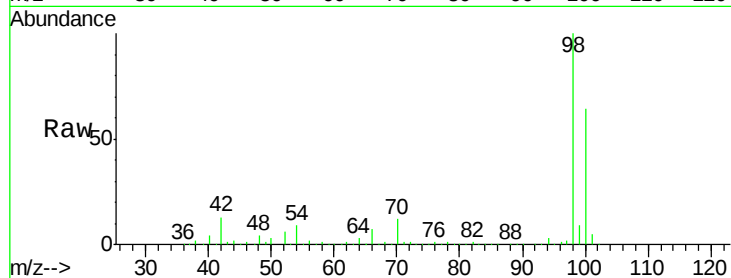
100 64.5 50.9 76.3

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#64

Chlorobenzene

Concen: 19.750 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008603.D

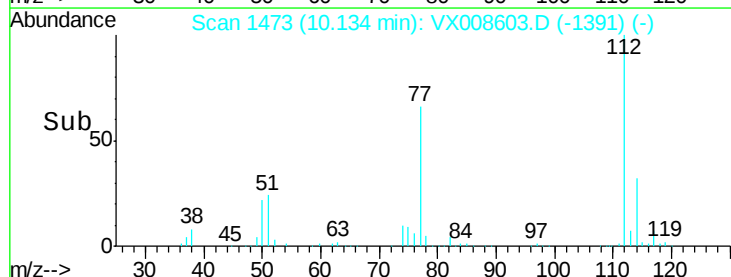
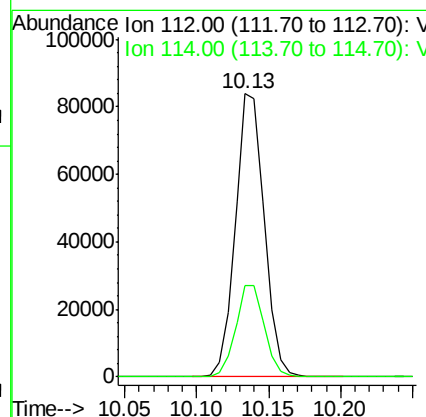
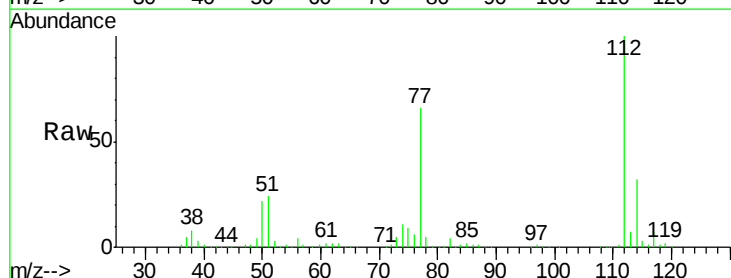
Acq: 02 Apr 2019 20:11

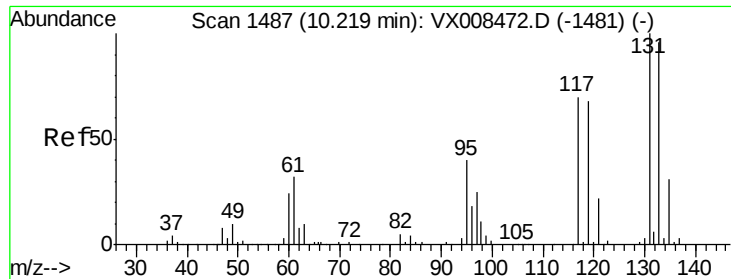
Tgt Ion: 112 Resp: 117960

Ion Ratio Lower Upper

112 100

114 32.4 25.4 38.2





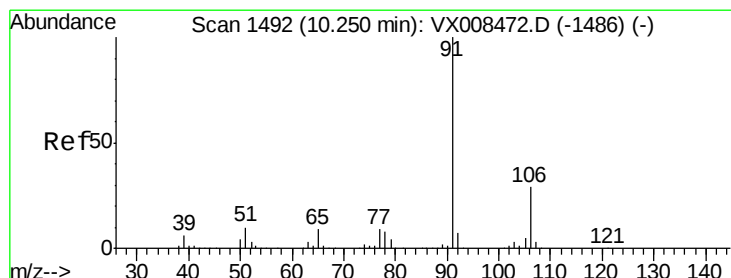
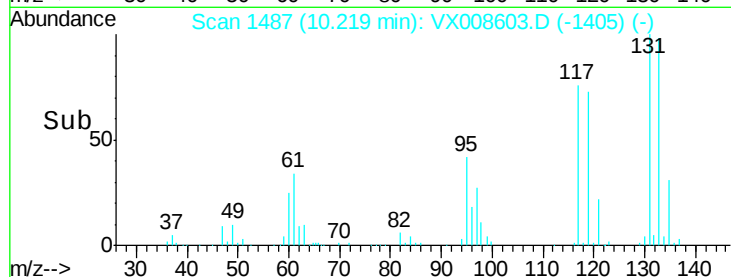
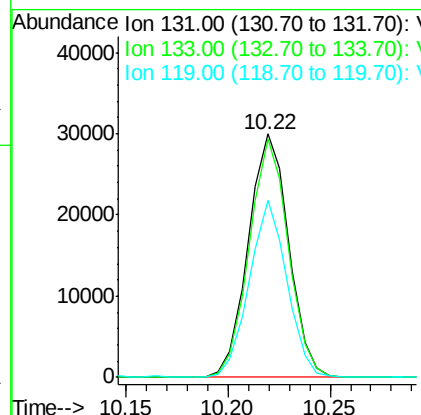
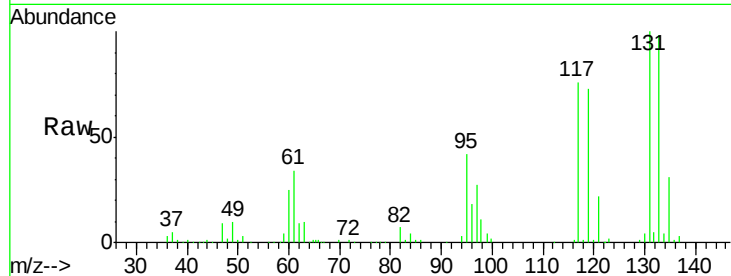
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.583 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.9	0.0	191.6
119	67.9	0.0	127.4

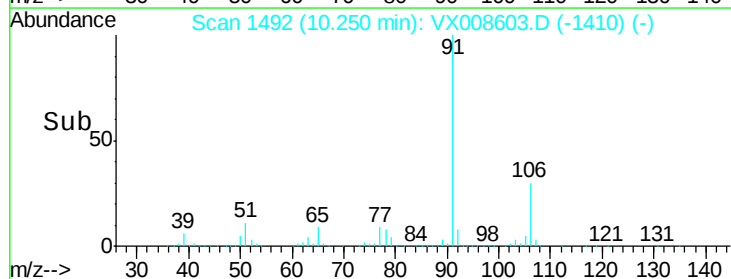
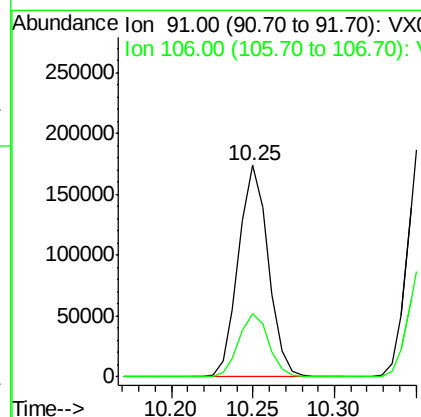
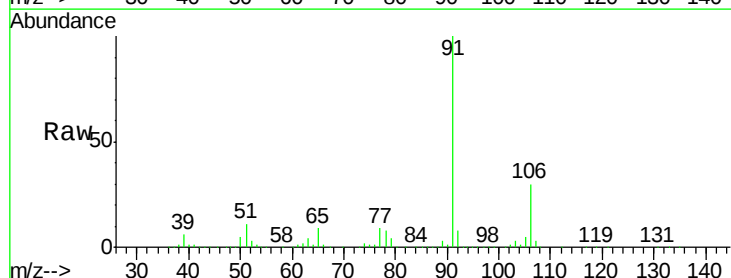
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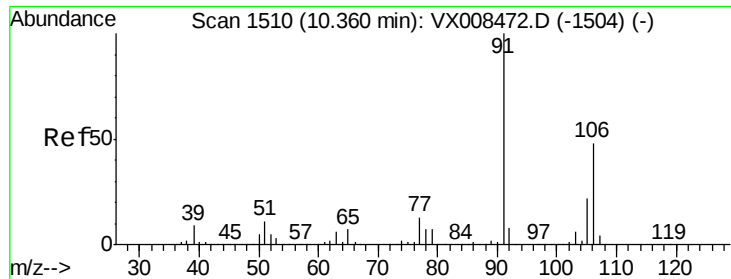
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#66
 Ethyl Benzene
 Concen: 19.652 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.7	26.0	39.0





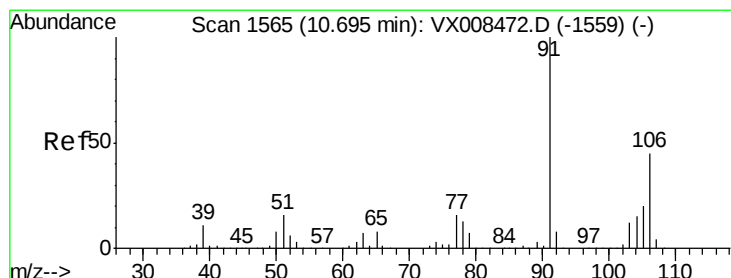
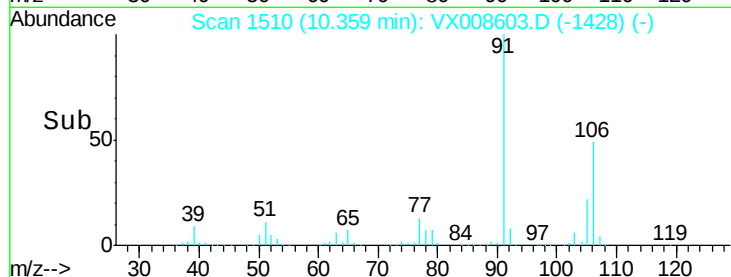
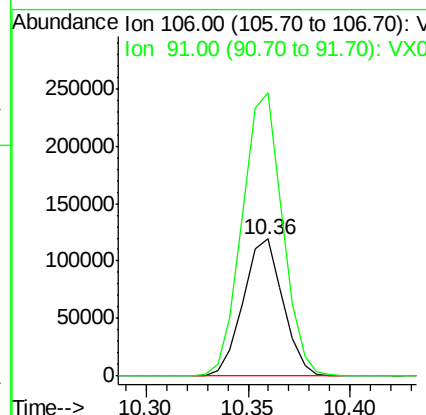
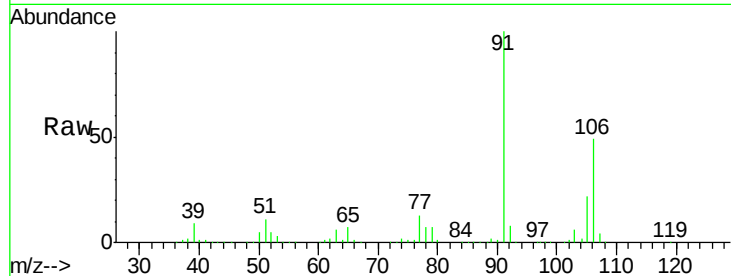
#67
m/p-Xvlenes
Concen: 39.015 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 161002
Ion Ratio Lower Upper
106 100
91 209.6 157.0 235.4

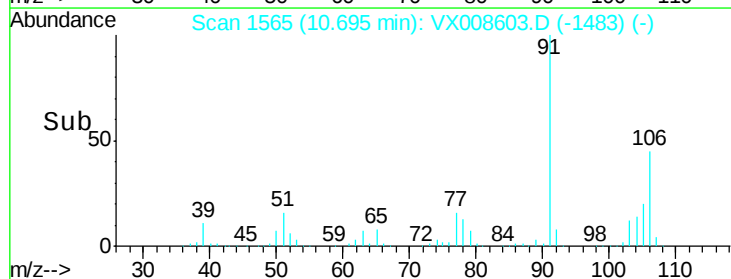
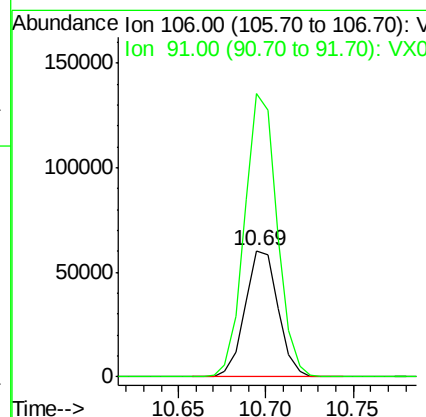
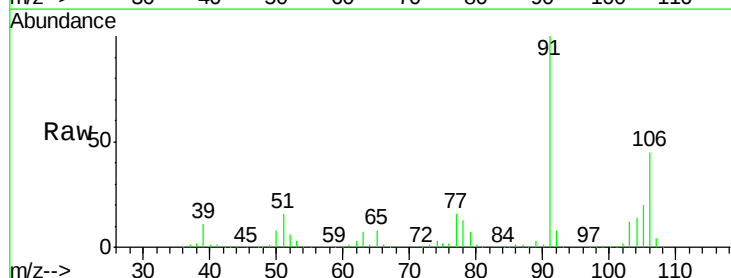
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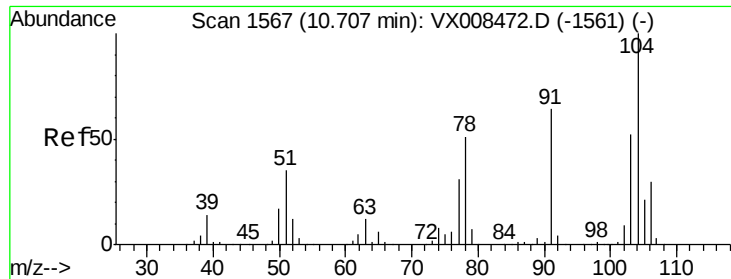
MMDadoda
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#68
o-Xylene
Concen: 19.617 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion:106 Resp: 79217
Ion Ratio Lower Upper
106 100
91 221.3 104.4 313.2





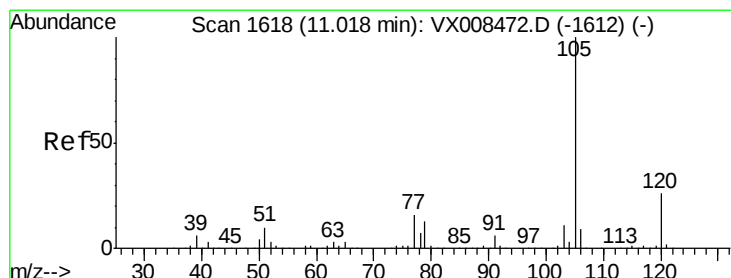
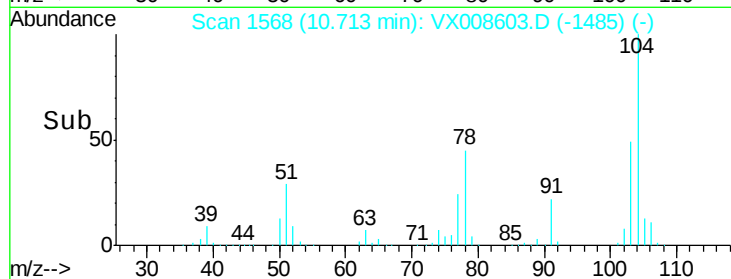
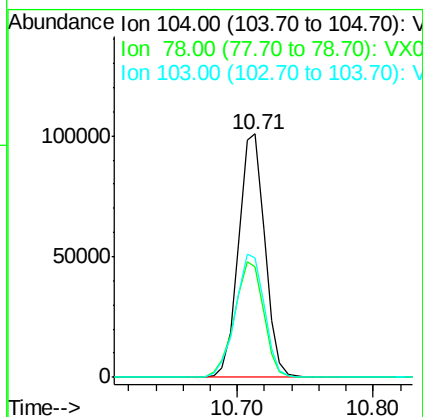
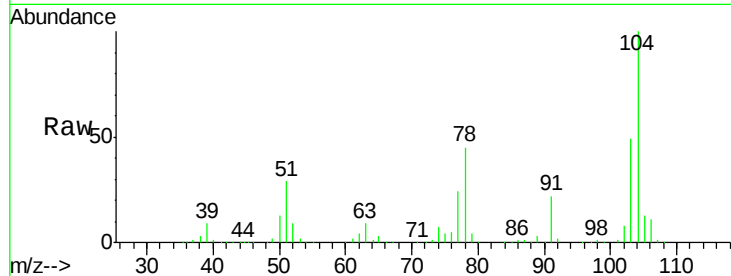
#69
Stvrene
Concen: 19.285 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.9	38.2	57.2
103	55.7	45.0	67.4

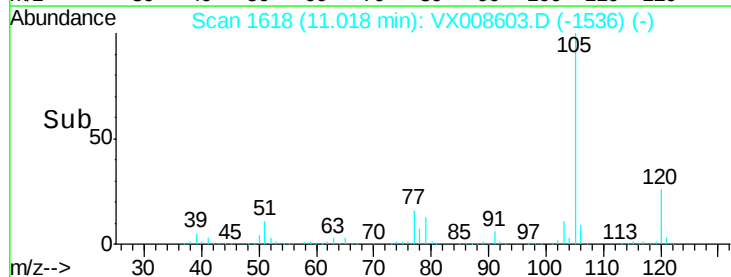
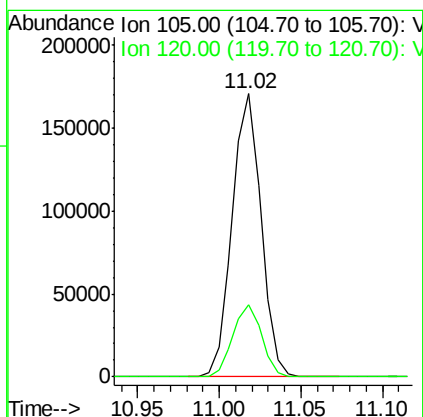
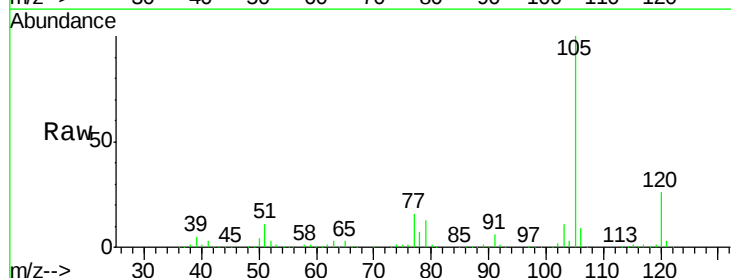
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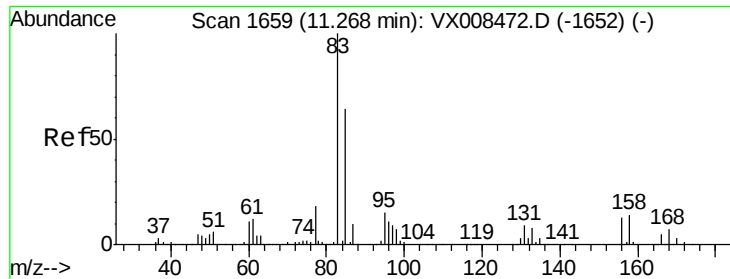
MMDadoda
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#70
Isopropylbenzene
Concen: 19.796 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	19.8	36.8





#71

1,1,2,2-Tetrachloroethane

Concen: 20.225 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

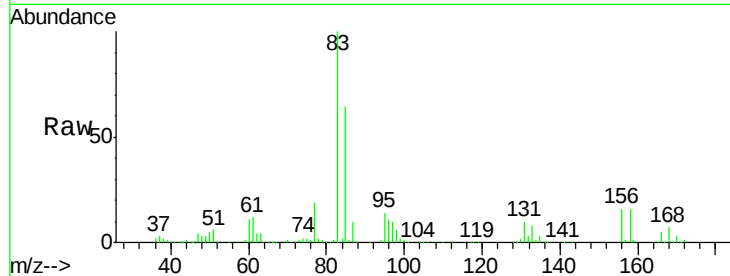
ClientSampleId :

VSTDCCC020EC

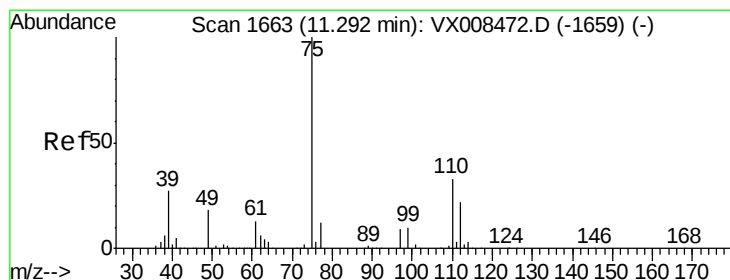
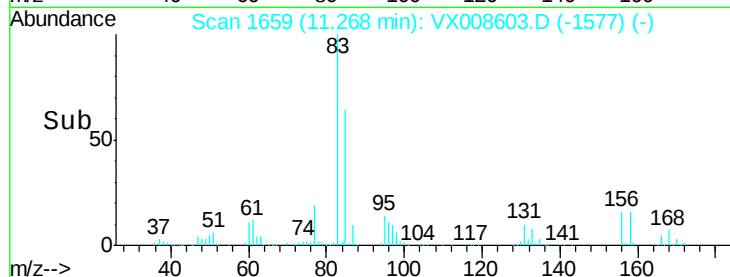
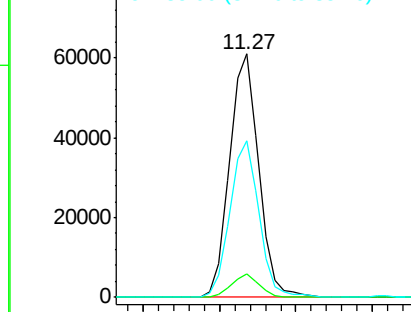
Tot Ion:	83	Resp:	80485
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.4	16.2
85	64.2	32.8	98.4

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Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 20.481 ug/l m

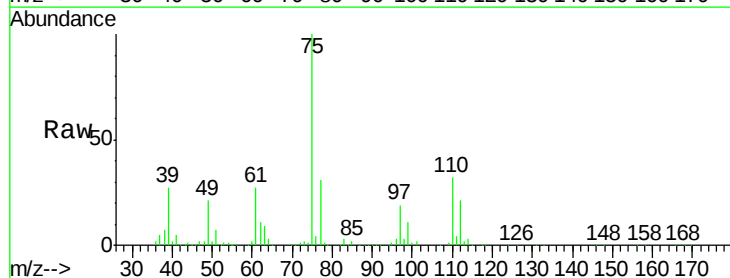
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

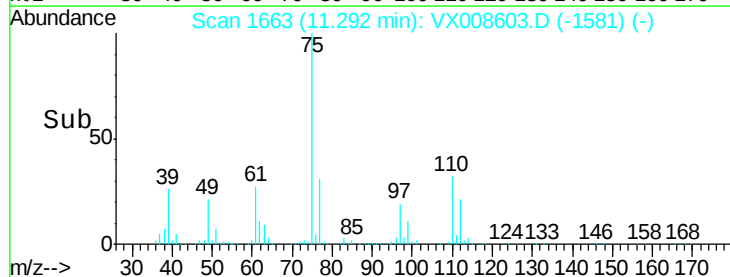
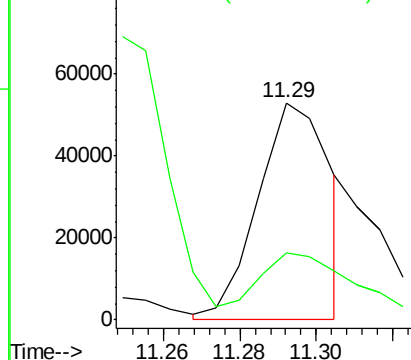
Lab File: VX008603.D

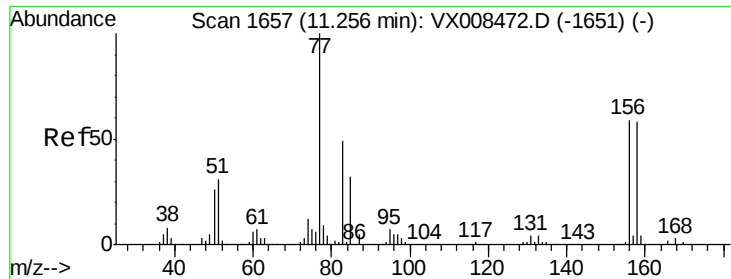
Acq: 02 Apr 2019 20:11

Tgt Ion:	75	Resp:	68894
Ion Ratio	Lower	Upper	
75	100		
77	42.1	0.0	76.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





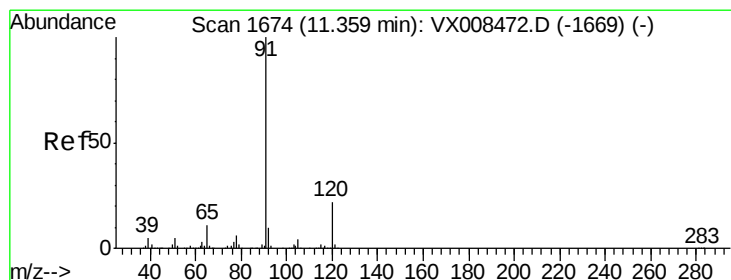
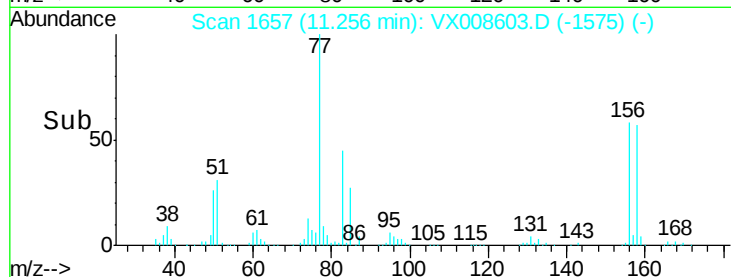
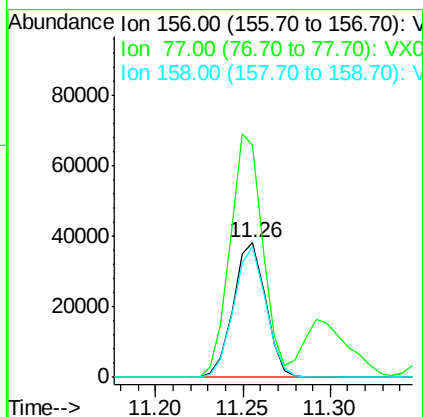
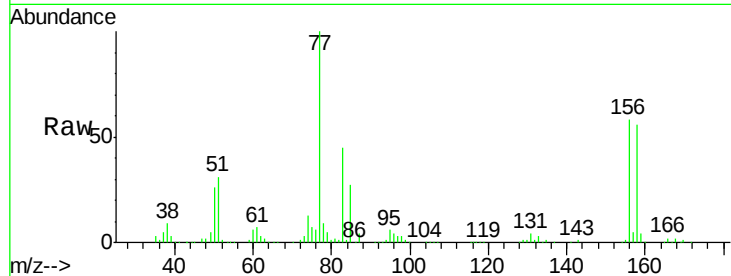
#73
Bromobenzene
Concen: 19.522 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	181.3	0.0	271.4
158	96.5	0.0	194.0

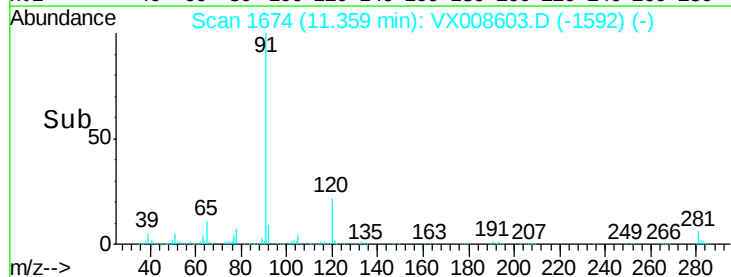
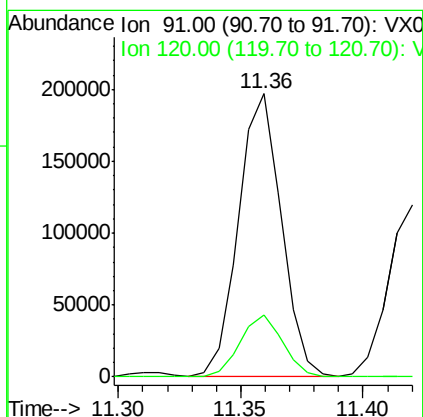
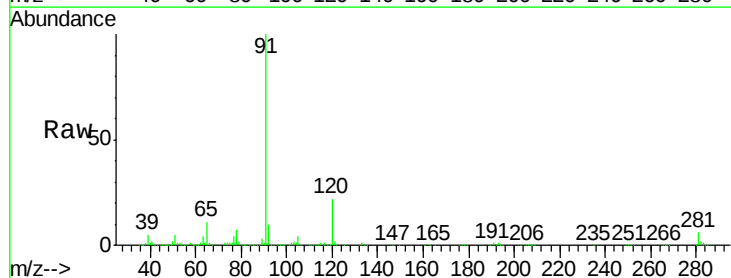
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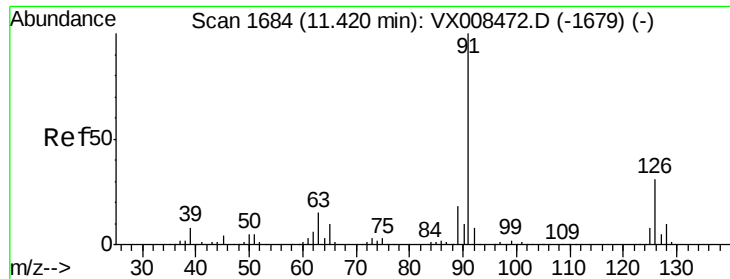
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4/3/2019 11:33:08 AM



#74
n-propylbenzene
Concen: 18.938 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	0.0	48.6





#75

2-Chlorotoluene

Concen: 19.413 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 146564

Ion Ratio Lower Upper

91 100

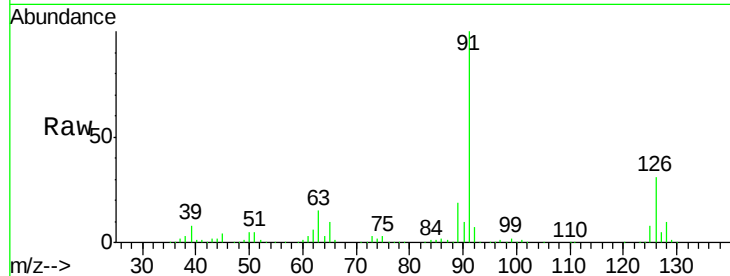
126 31.5 0.0 75.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX008472.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX008472.D (-1679) (-)

200000

150000

100000

50000

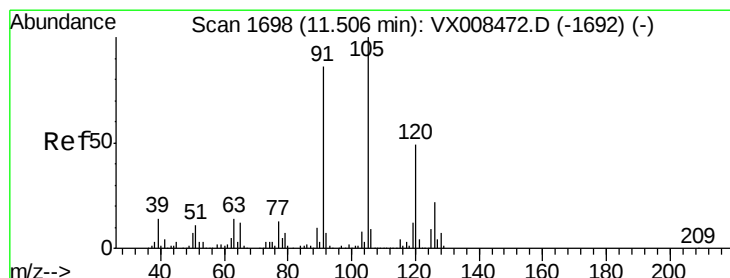
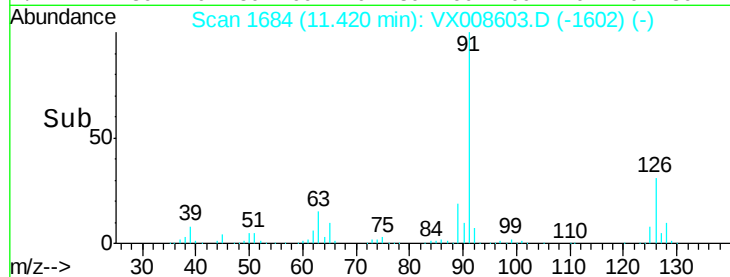
0

11.42

11.40

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.087 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008603.D

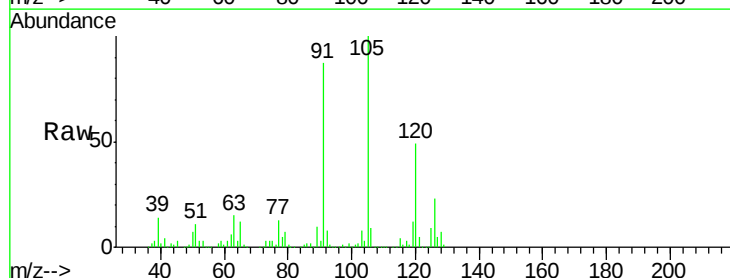
Acq: 02 Apr 2019 20:11

Tgt Ion:105 Resp: 173828

Ion Ratio Lower Upper

105 100

120 47.8 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008472.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008472.D (-1692) (-)

150000

100000

50000

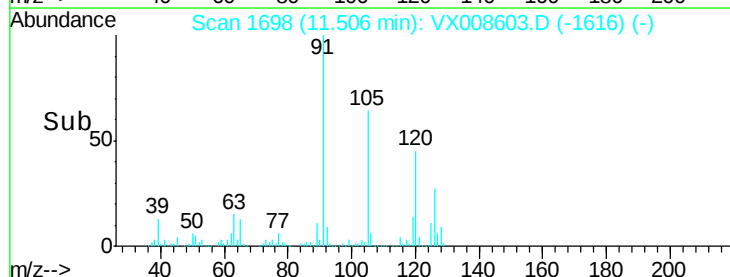
0

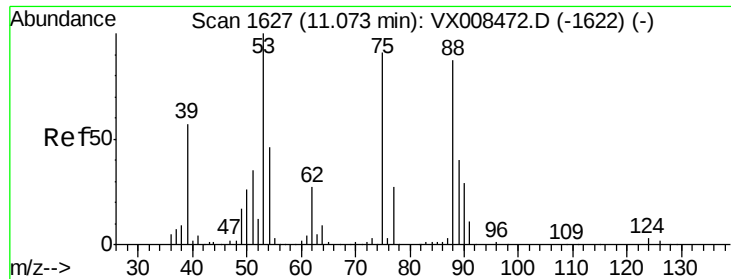
11.51

11.50

11.60

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 18.829 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 75 Resp: 24294

Ion Ratio Lower Upper

75 100

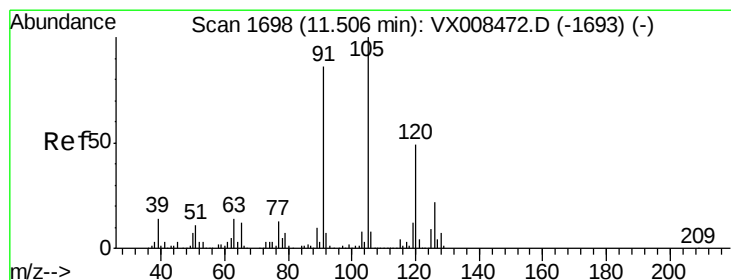
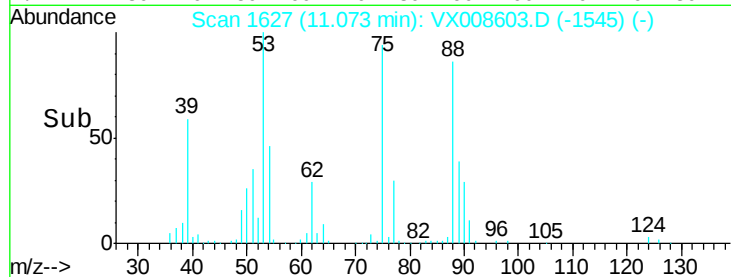
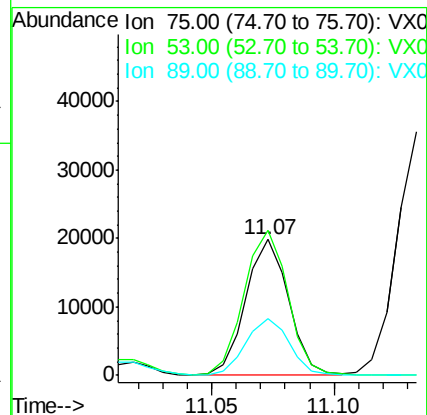
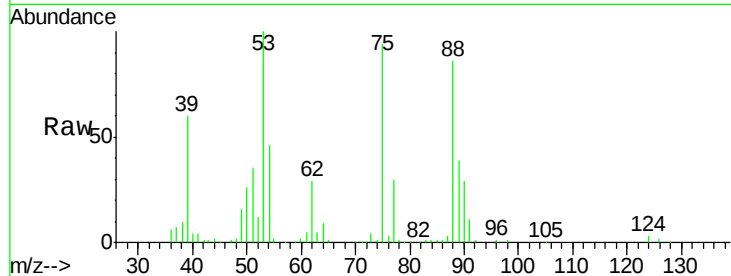
53 106.7 55.5 166.7

89 42.1 24.4 73.2

Manual Integrations
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4/3/2019 11:33:08 AM



#78

4-Chlorotoluene

Concen: 18.886 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX008603.D

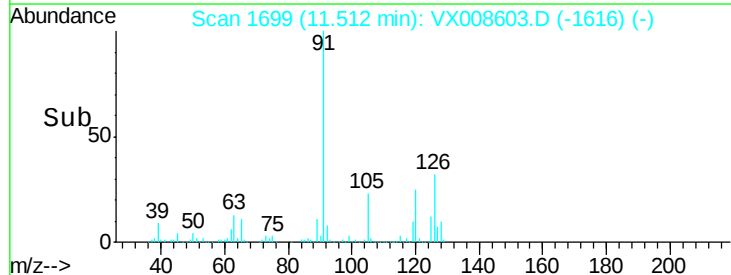
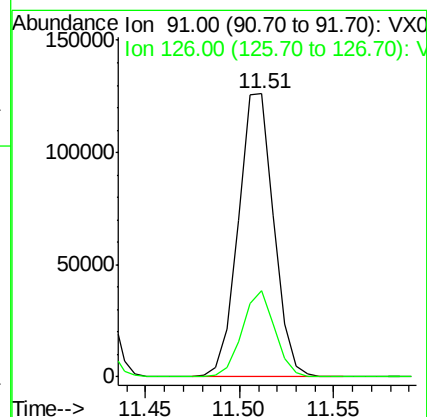
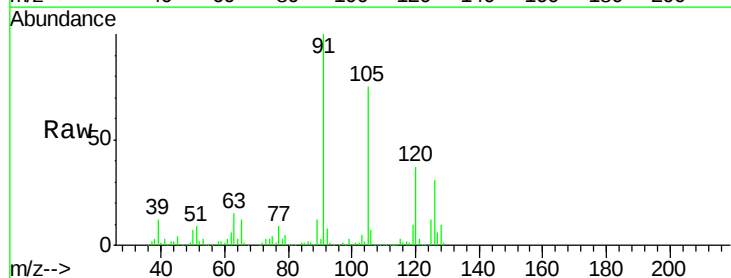
Acq: 02 Apr 2019 20:11

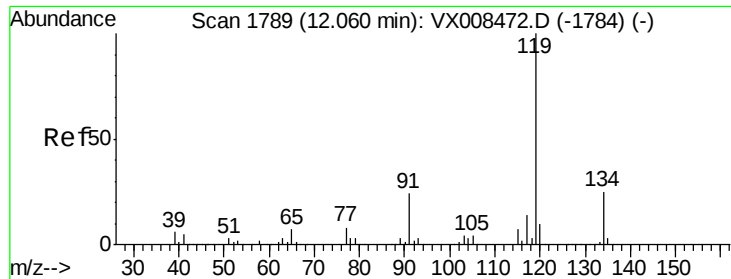
Tgt Ion: 91 Resp: 164101

Ion Ratio Lower Upper

91 100

126 28.0 0.0 66.2





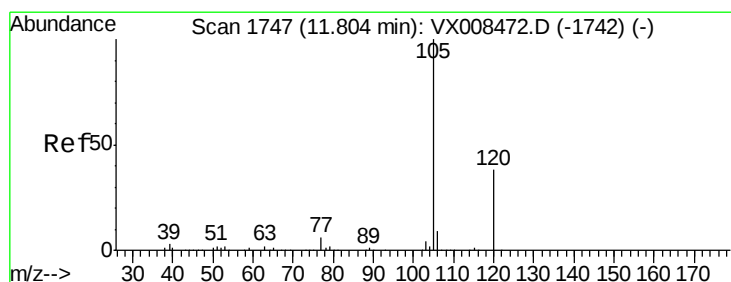
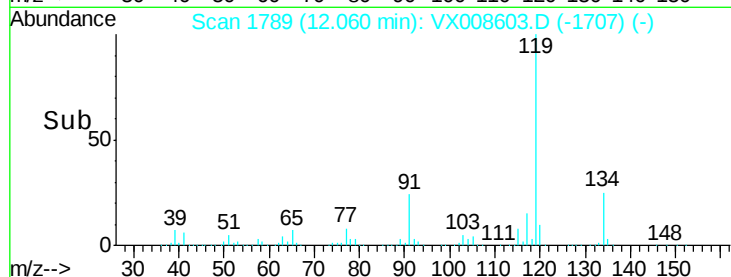
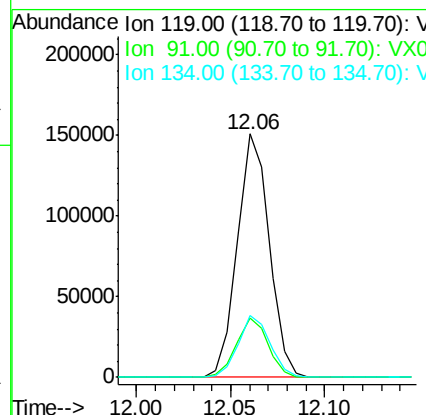
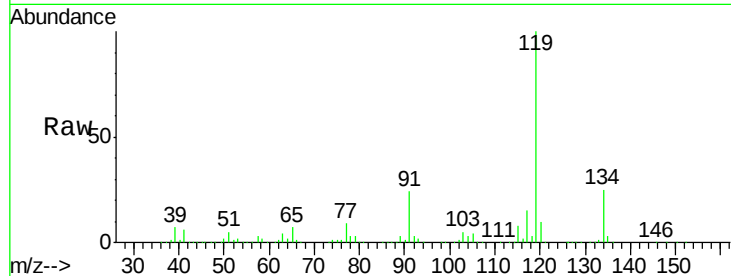
#79
tert-butylbenzene
Concen: 19.103 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	177792		
91	24.2	0.0	45.0	
134	25.3	0.0	55.4	

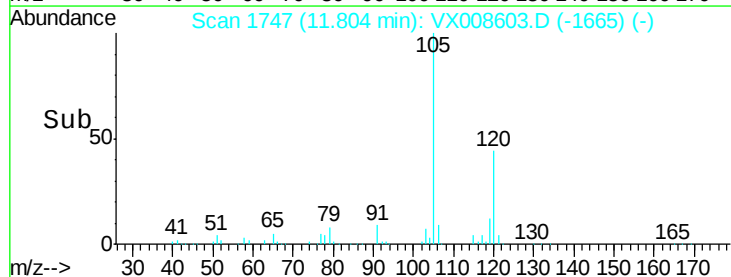
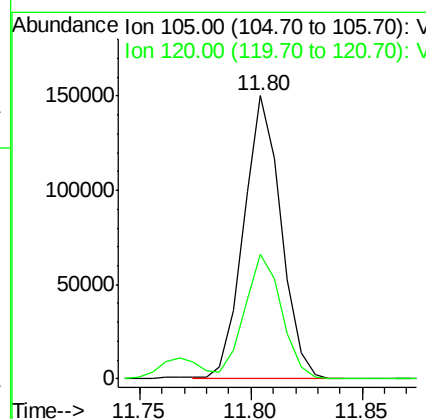
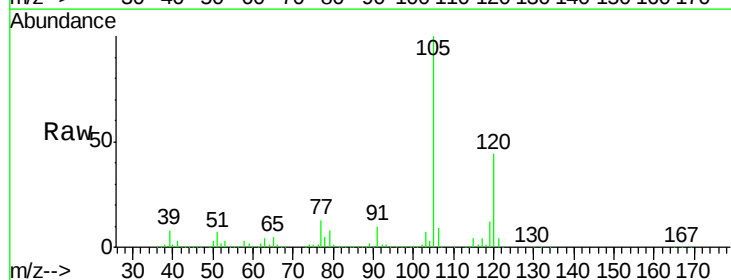
Manual Integrations
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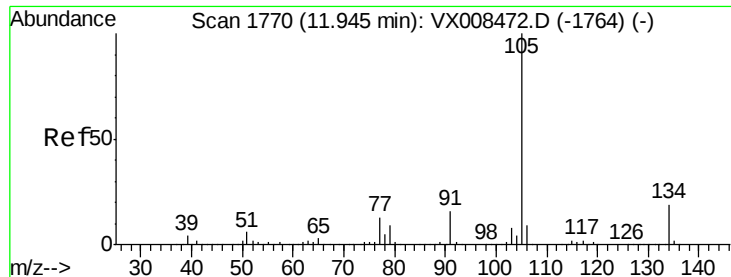
MMDadoda
4/3/2019 11:33:08 AM



#80
1,2,4-Trimethylbenzene
Concen: 19.190 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	174261		
120	43.8	0.0	94.0	





#81

sec-Butylbenzene

Concen: 19.200 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 199785

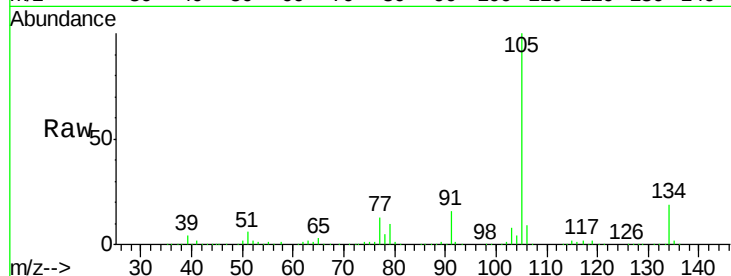
Ion Ratio Lower Upper

105 100

134 19.2 0.0 41.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

150000

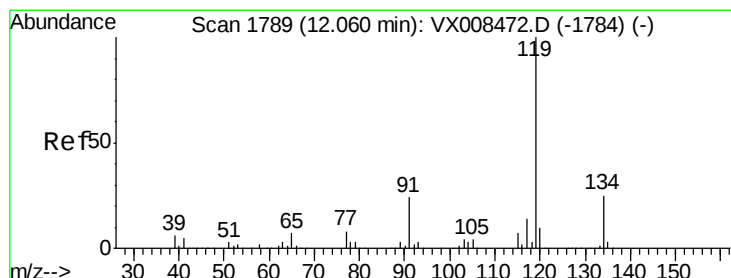
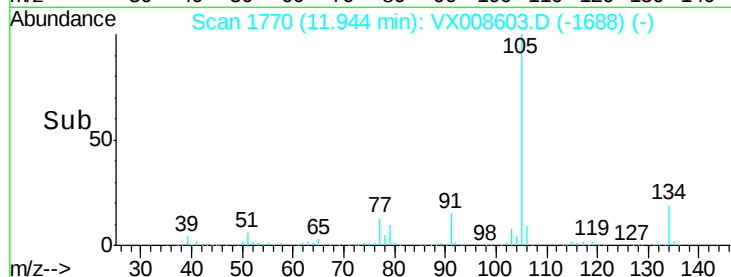
100000

50000

0

Time-->

11.90 11.95 12.00



#82

p-Isopropyltoluene

Concen: 19.103 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

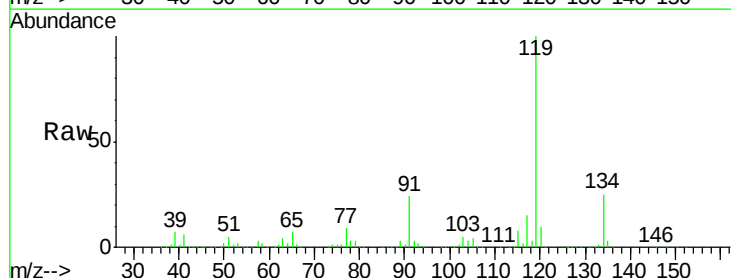
Tgt Ion:119 Resp: 177792

Ion Ratio Lower Upper

119 100

134 25.3 0.0 55.4

91 24.2 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

150000

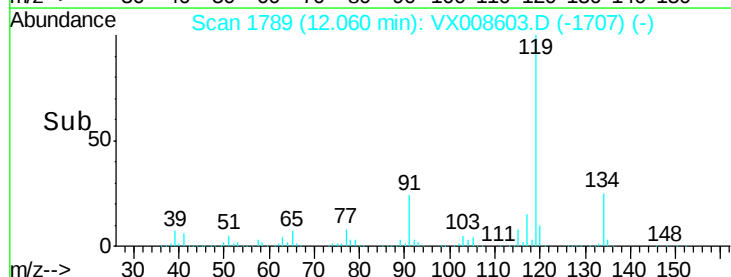
100000

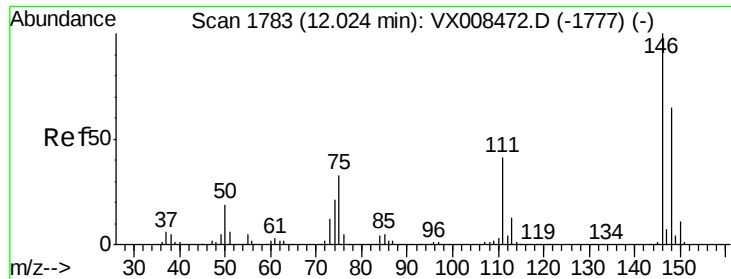
50000

0

Time-->

12.00 12.05 12.10





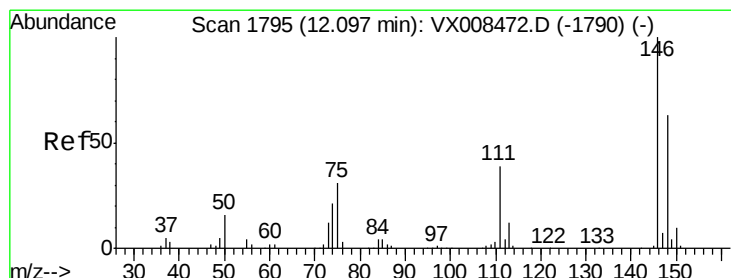
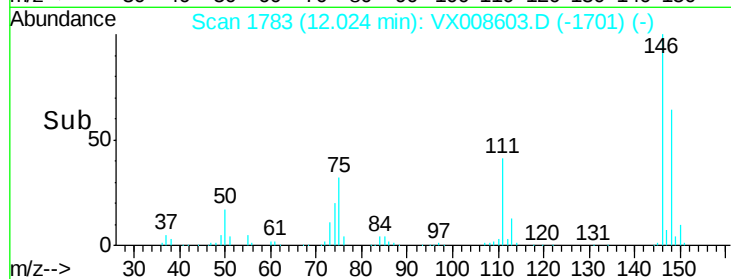
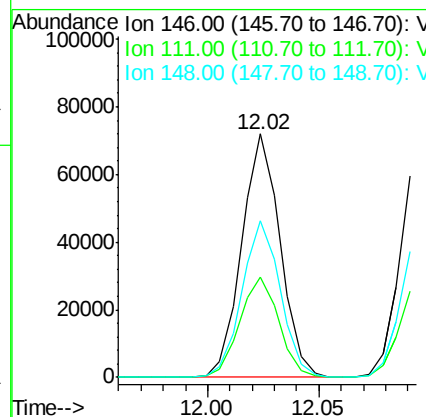
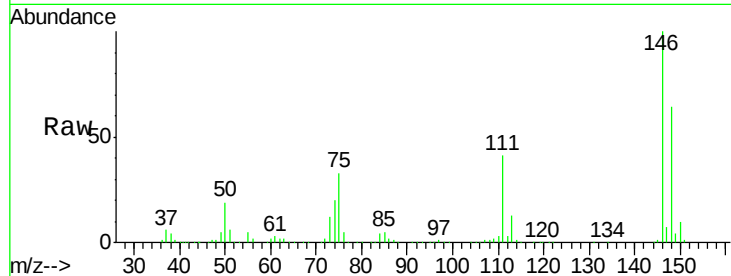
#83
 1,3-Dichlorobenzene
 Concen: 19.161 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	18.8	56.3
148	64.7	30.6	91.8

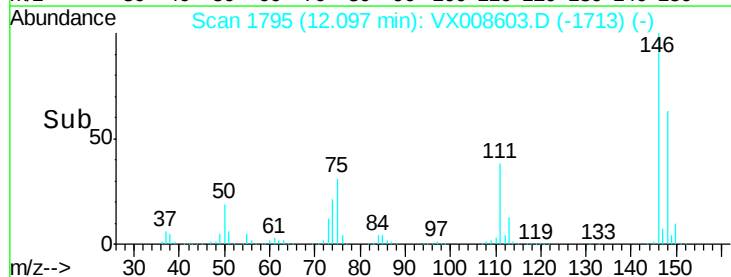
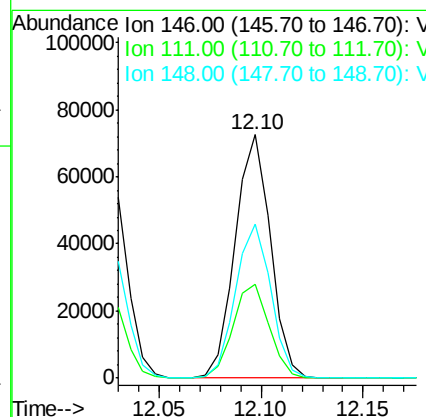
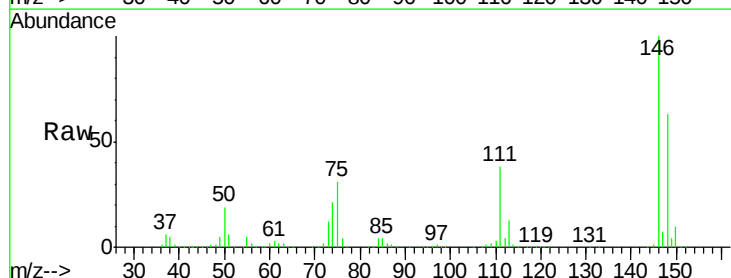
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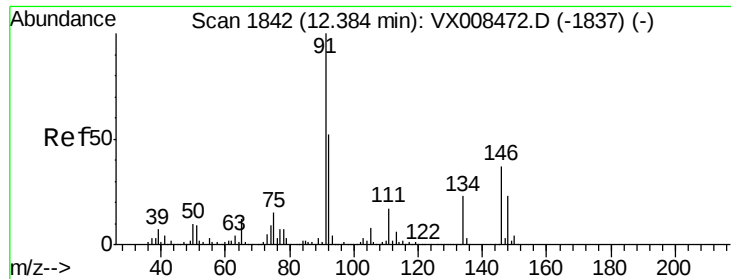
MMDadoda
 4/3/2019 11:33:08 AM



#84
 1,4-Dichlorobenzene
 Concen: 19.301 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	17.6	52.8
148	64.0	31.4	94.2





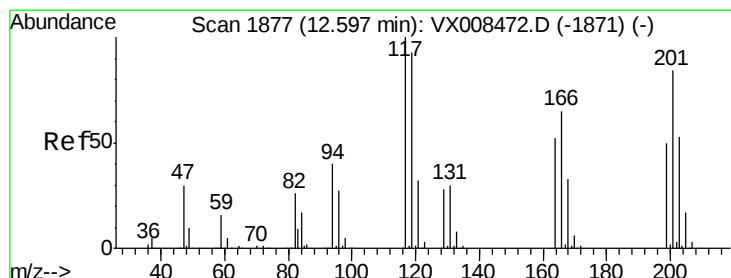
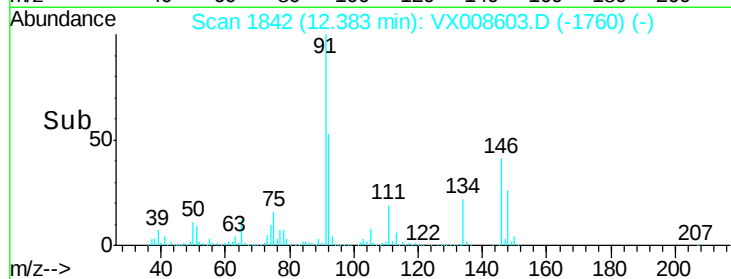
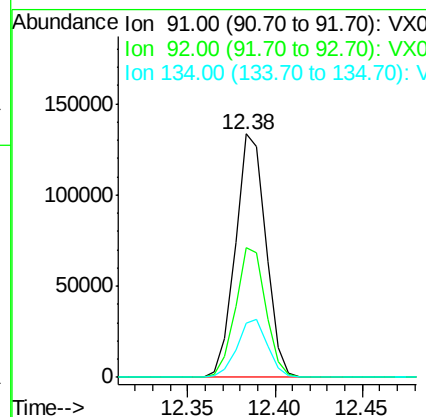
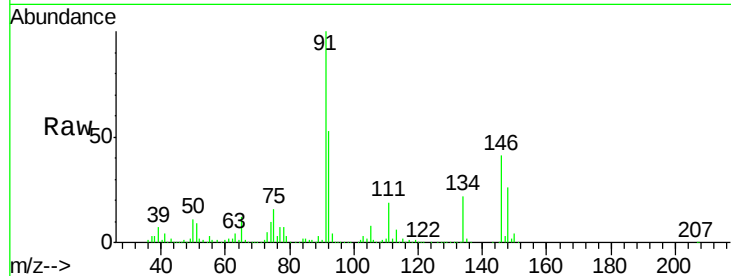
#85
n-Butylbenzene
Concen: 18.253 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	161409		
92	53.1	0.0	105.2	
134	23.7	0.0	56.4	

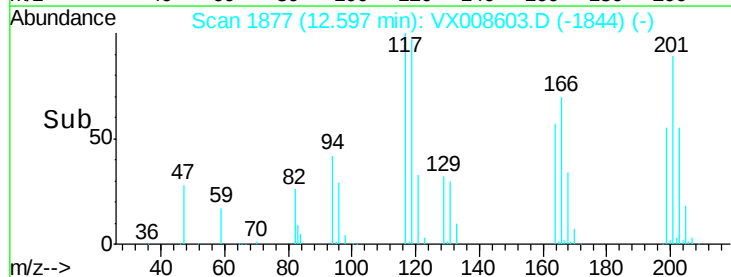
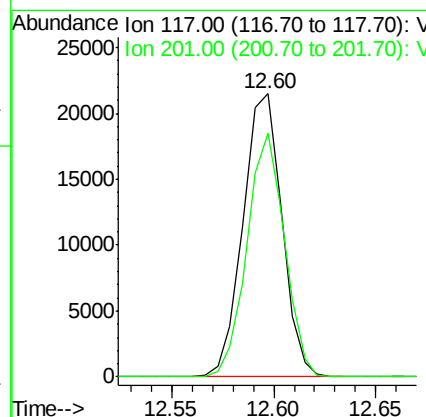
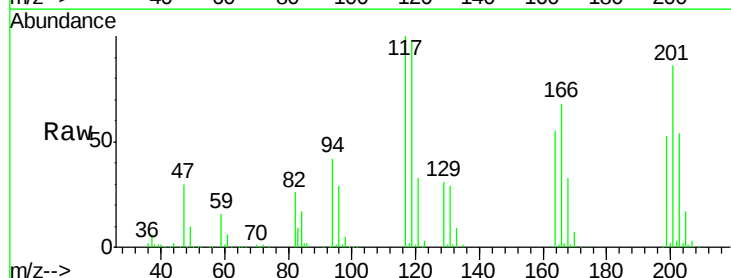
Manual Integrations
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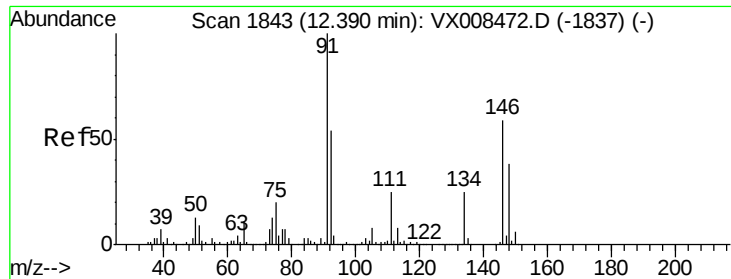
MMDadoda
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#86
Hexachloroethane
Concen: 18.335 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008603.D
Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	28511		
201	82.6	41.1	123.3	





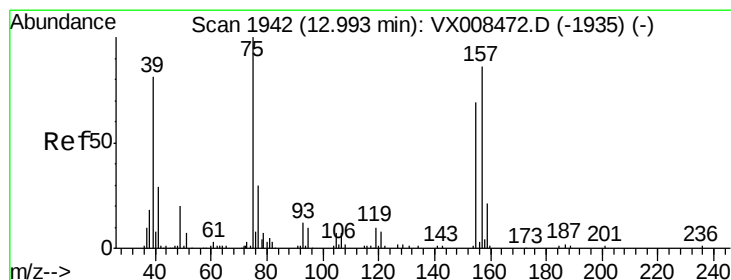
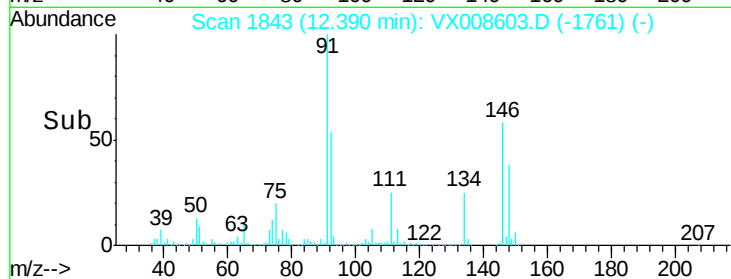
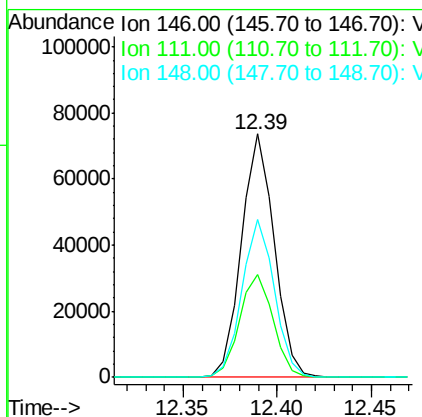
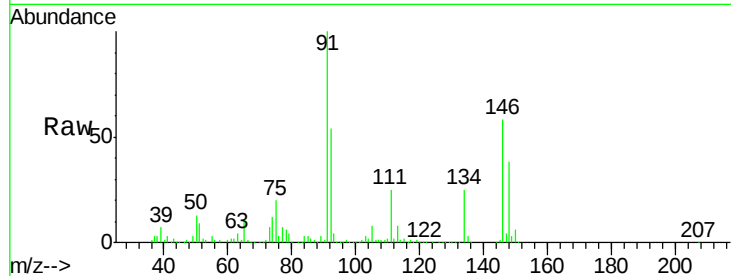
#87
 1,2-Dichlorobenzene
 Concen: 19.604 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	19.3	57.8
148	64.3	32.1	96.3

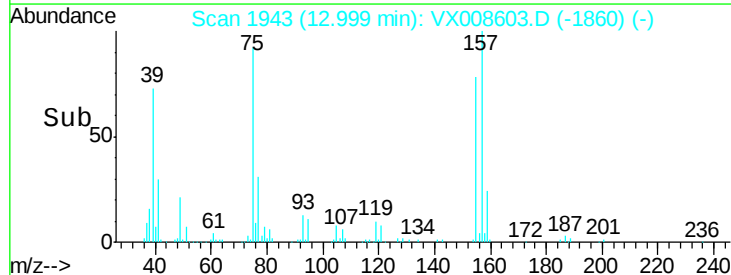
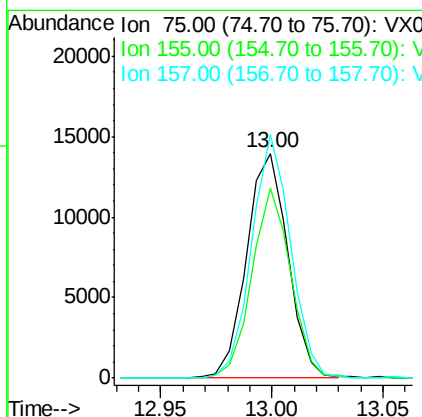
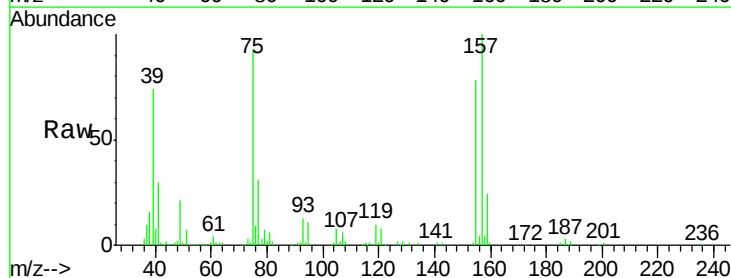
Manual Integrations
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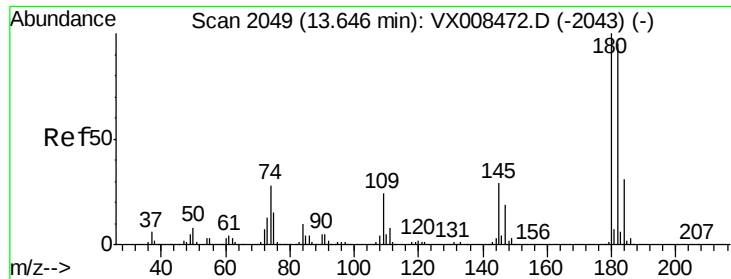
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.454 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.5	81.0	121.6#
157	102.0	103.2	154.8#





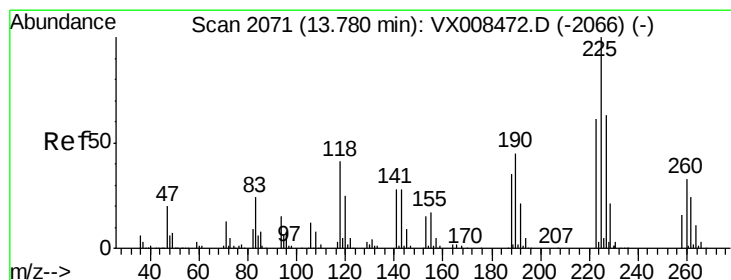
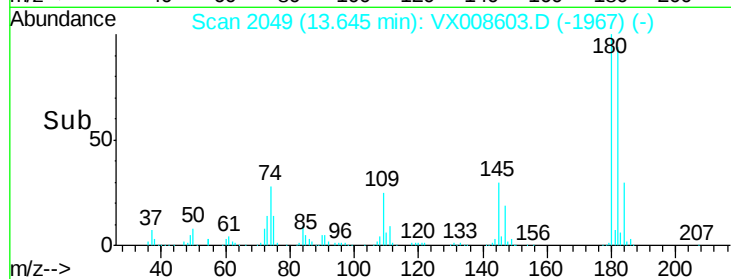
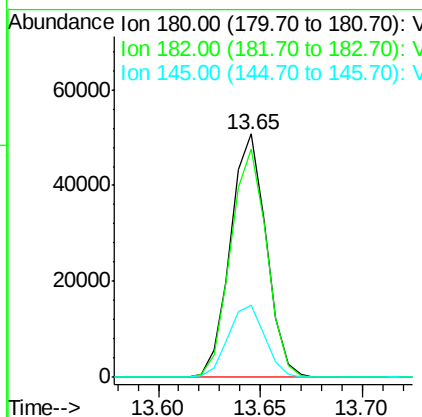
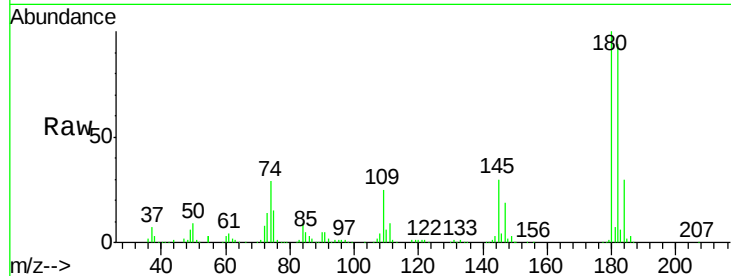
#89
 1,2,4-Trichlorobenzene
 Concen: 19.708 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.6	113.4
145	30.5	23.0	34.6

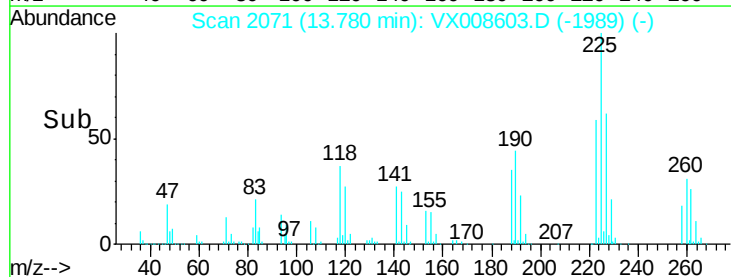
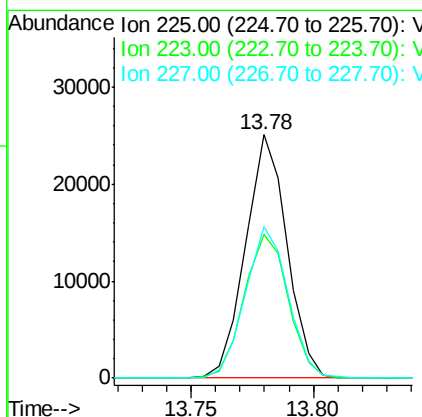
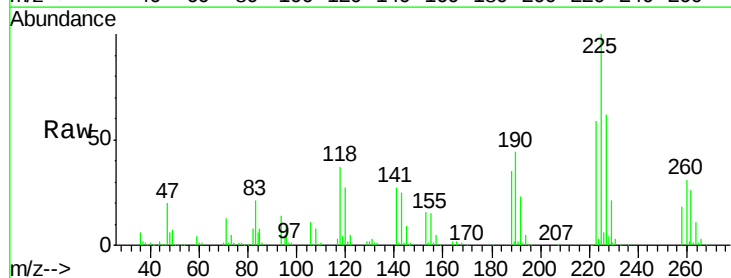
Manual Integrations
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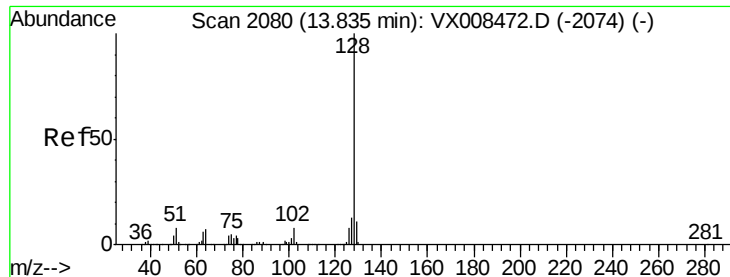
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#90
 Hexachlorobutadiene
 Concen: 19.633 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008603.D
 Acq: 02 Apr 2019 20:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	0.0	123.8
227	64.2	0.0	124.4





#91

Naphthalene

Concen: 20.539 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Instrument :

MSVOA_X

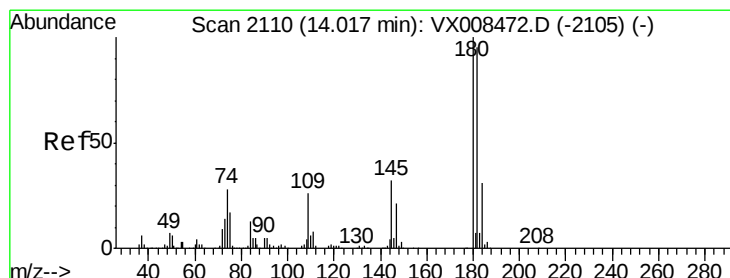
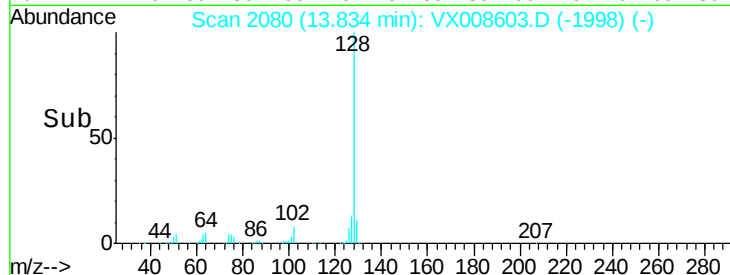
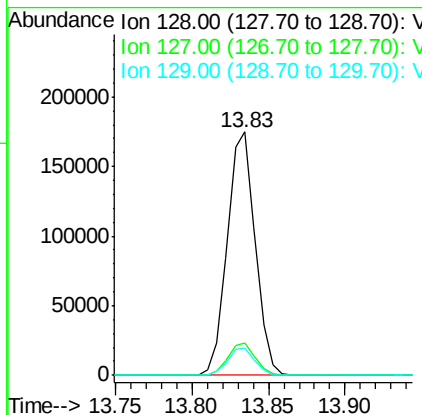
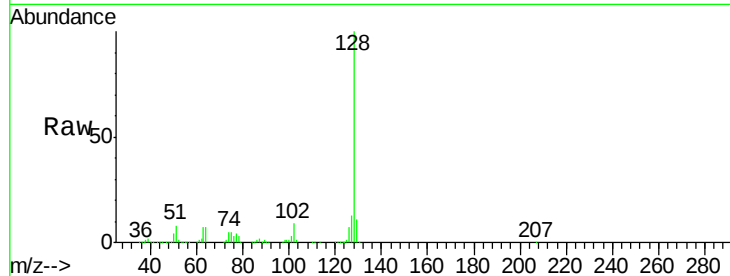
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	220055
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.0	8.9	13.3

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 20.401 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008603.D

Acq: 02 Apr 2019 20:11

Tgt Ion:	180	Resp:	64266
Ion Ratio	Lower	Upper	
180	100		
182	95.1	0.0	193.0
145	32.3	0.0	63.0

