

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071019\
 Data File : VX010771.D
 Acq On : 10 Jul 2019 12:52
 Operator : JC/SP
 Sample : VX0710WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/11/2019 10:53:57 AM

Quant Time: Jul 11 01:44:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99576	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	5.50	113	94650	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	8.71	98	347051	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.13	95	126743	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33691	23.385	ug/l	98
3) Chloromethane	1.33	50	35123	20.936	ug/l	97
4) Vinyl Chloride	1.41	62	37656	20.493	ug/l	99
5) Bromomethane	1.64	94	23084	25.787	ug/l	96
6) Chloroethane	1.72	64	24656	22.744	ug/l	96
7) Trichlorofluoromethane	1.93	101	65993	22.656	ug/l	100
8) Diethyl Ether	2.19	74	23788	22.773	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36520	20.689	ug/l	98
10) Methyl Iodide	2.51	142	43745	17.365	ug/l	98
11) Tert butyl alcohol	3.04	59	45876	90.235	ug/l	97
12) 1,1-Dichloroethene	2.37	96	36953	20.573	ug/l	93
13) Acrolein	2.29	56	26707	79.187	ug/l	98
14) Allyl chloride	2.73	41	52722	20.675	ug/l	97
15) Acrylonitrile	3.14	53	106096	105.402	ug/l	99
16) Acetone	2.44	43	89071	91.472	ug/l	95
17) Carbon Disulfide	2.57	76	86009	17.848	ug/l	98
18) Methyl Acetate	2.78	43	40778	21.012	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	117966	20.877	ug/l	99
20) Methylene Chloride	2.85	84	42329	21.123	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	39321	20.354	ug/l	98
22) Diisopropyl ether	3.85	45	114276	21.434	ug/l	97
23) Vinyl Acetate	3.82	43	485985	105.513	ug/l	100
24) 1,1-Dichloroethane	3.70	63	65352	21.205	ug/l	100
25) 2-Butanone	4.67	43	142989	100.107	ug/l	99
26) 2,2-Dichloropropane	4.59	77	48566	18.141	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45394	20.334	ug/l	98
28) Bromochloromethane	5.02	49	28327	19.224	ug/l	94
29) Tetrahydrofuran	5.13	42	92253	104.271	ug/l	100
30) Chloroform	5.21	83	69049	20.823	ug/l	97
31) Cyclohexane	5.58	56	57556	20.508	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	59245	20.234	ug/l	99
36) 1,1-Dichloropropene	5.81	75	49437	20.321	ug/l	99
37) Ethyl Acetate	4.84	43	53249	21.276	ug/l	99
38) Carbon Tetrachloride	5.79	117	51807	19.666	ug/l	99

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64306	20.109	ug/l	95
40) Benzene	6.15	78	158008	20.847	ug/l	100
41) Methacrylonitrile	5.04	41	29201	21.265	ug/l	98
42) 1,2-Dichloroethane	6.19	62	52832	22.899	ug/l	98
43) Isopropyl Acetate	6.45	43	83312	20.120	ug/l	99
44) Trichloroethene	7.21	130	45945	20.259	ug/l	99
45) 1,2-Dichloropropane	7.51	63	39381	20.575	ug/l	98
46) Dibromomethane	7.66	93	28338	20.636	ug/l	98
47) Bromodichloromethane	7.90	83	49739	19.764	ug/l	97
48) Methyl methacrylate	7.77	41	40674	21.133	ug/l	98
49) 1,4-Dioxane	7.74	88	24273	437.783	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	285163	107.679	ug/l	98
52) Toluene	8.78	92	104386	20.914	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	50588	17.930	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	58717	19.150	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	42706	20.746	ug/l	98
56) Ethyl methacrylate	9.18	69	61943	19.864	ug/l	95
57) 1,3-Dichloropropane	9.37	76	68073	21.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	141526	95.562	ug/l	100
59) 2-Hexanone	9.49	43	219222	105.178	ug/l	98
60) Dibromochloromethane	9.58	129	42074	18.255	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45173	20.331	ug/l	99
64) Tetrachloroethene	9.34	164	46341	20.268	ug/l	98
65) Chlorobenzene	10.14	112	115911	20.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	41155	19.688	ug/l	97
67) Ethyl Benzene	10.25	91	197520	20.387	ug/l	99
68) m/p-Xylenes	10.36	106	152823	40.709	ug/l	99
69) o-Xylene	10.69	106	74307	20.128	ug/l	100
70) Styrene	10.71	104	123688	19.978	ug/l	98
71) Bromoform	10.85	173	29990	16.497	ug/l #	98
73) Isopropylbenzene	11.02	105	197329	19.945	ug/l	98
74) N-amyl acetate	10.90	43	74383	19.893	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	65248	19.914	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53045m	19.945	ug/l	
77) Bromobenzene	11.26	156	53776	19.466	ug/l	99
78) n-propylbenzene	11.36	91	219203	20.159	ug/l	99
79) 2-Chlorotoluene	11.42	91	129409	19.986	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164852	20.212	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16256	14.259	ug/l #	86
82) 4-Chlorotoluene	11.51	91	148594	20.168	ug/l	100
83) tert-Butylbenzene	11.77	119	161256	19.698	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	166837	20.360	ug/l	99
85) sec-Butylbenzene	11.94	105	190347	19.804	ug/l	100
86) p-Isopropyltoluene	12.06	119	177410	19.955	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	93650	19.420	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	95096	19.370	ug/l	99
89) n-Butylbenzene	12.38	91	147956	19.584	ug/l	99
90) Hexachloroethane	12.59	117	24320	15.820	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	95480	19.922	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12852	18.193	ug/l	91

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ClientSampleId :
VX0710WBS01

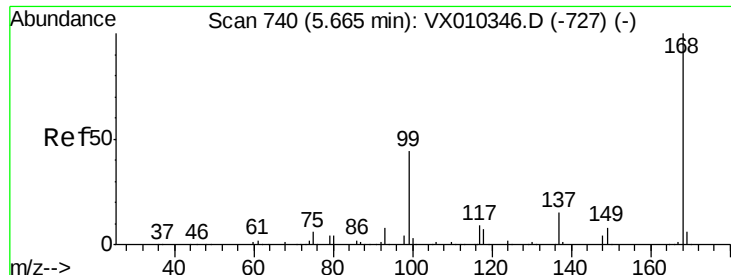
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	62748	18.879	ug/l	99
94) Hexachlorobutadiene	13.78	225	30496	18.774	ug/l	97
95) Naphthalene	13.83	128	196690	19.257	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	64639	19.560	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

ClientSampled :

VX0710WBS01

Tgt Ion: 168 Resp: 207226

Ion Ratio Lower Upper

168 100

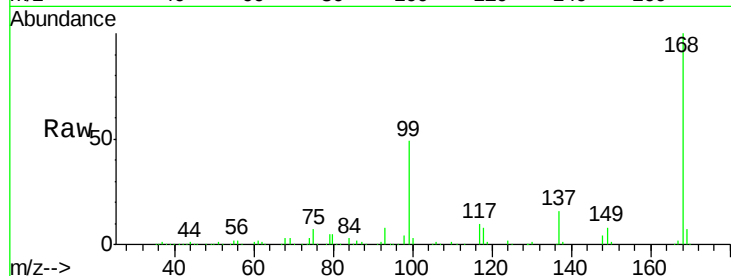
99 48.6 35.5 53.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

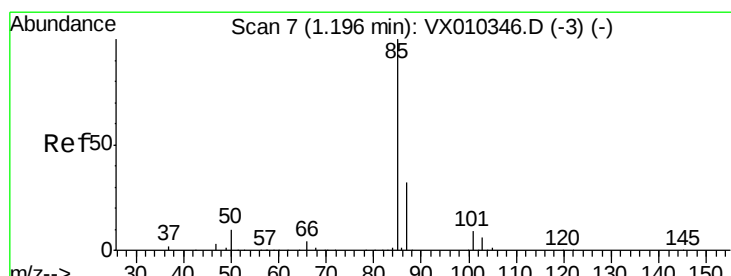
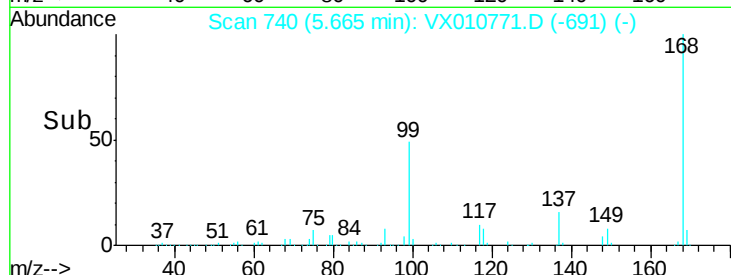
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 23.385 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010771.D

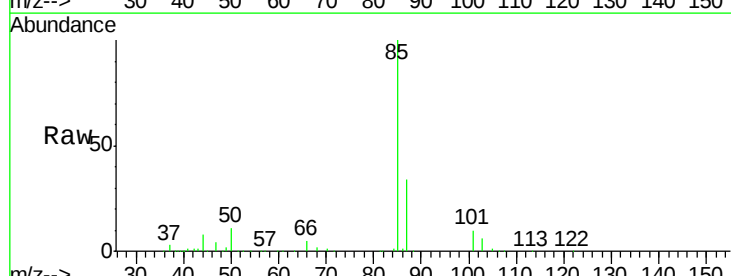
Acq: 10 Jul 2019 12:52

Tgt Ion: 85 Resp: 33691

Ion Ratio Lower Upper

85 100

87 33.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

30000

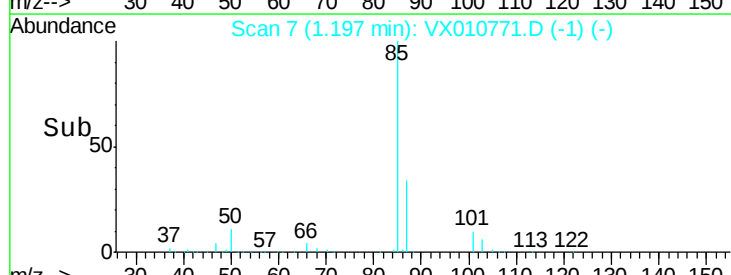
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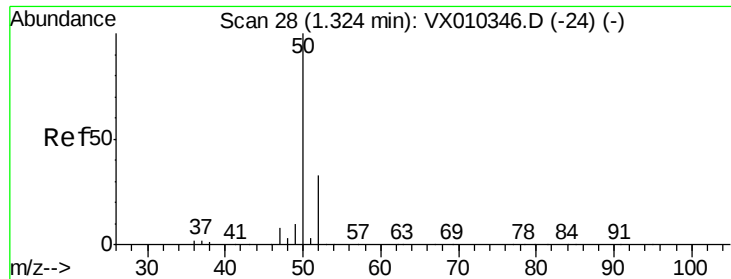
10000

0

1.15 1.20 1.25 1.30

Time-->





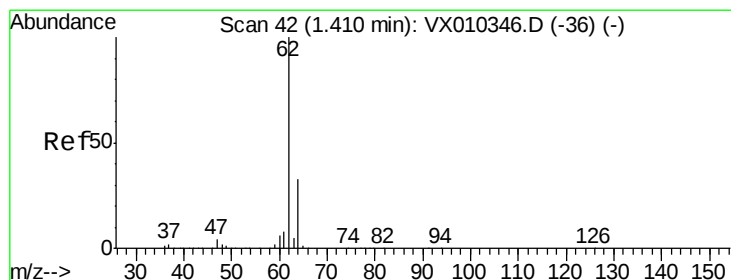
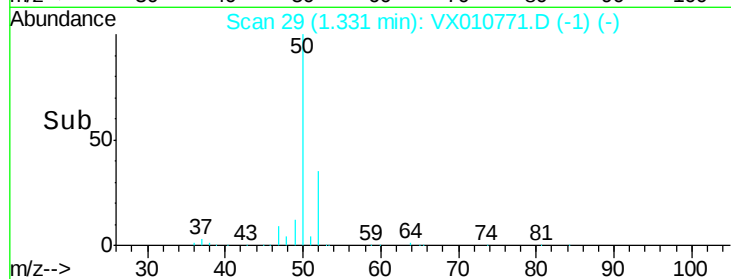
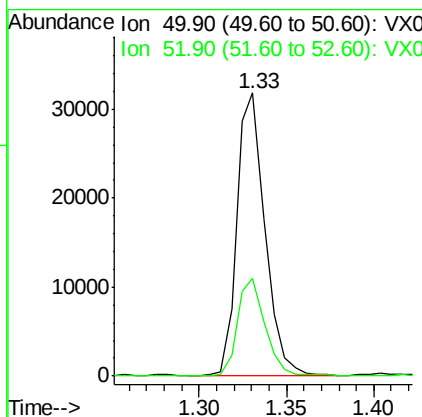
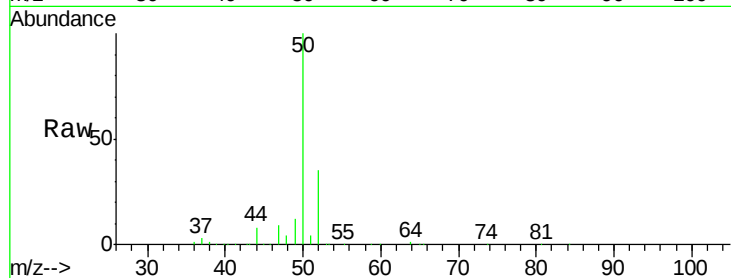
#3
Chloromethane
Concen: 20.936 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion: 50 Resp: 35123
Ion Ratio Lower Upper
50 100
52 34.5 26.5 39.7

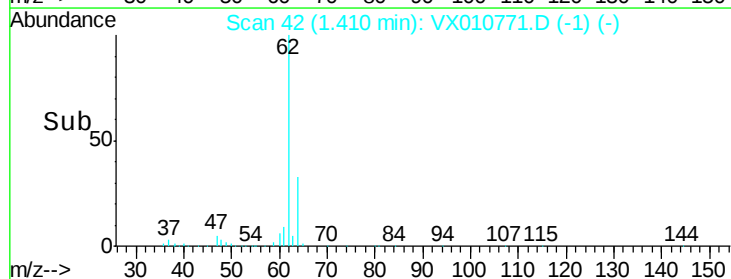
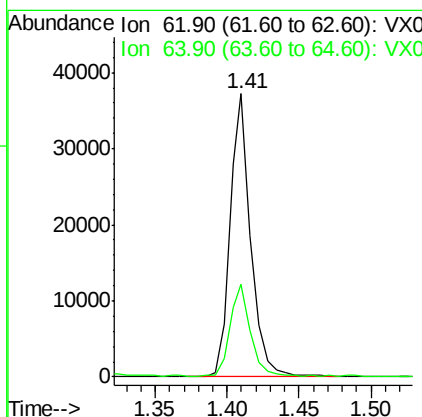
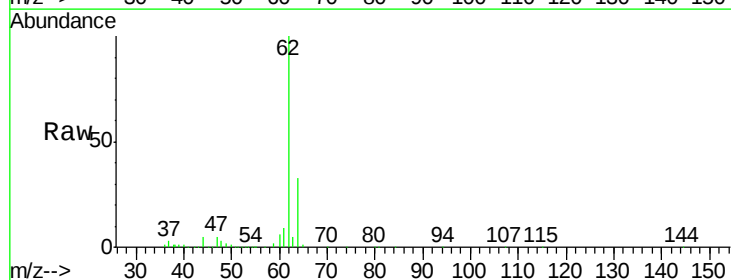
Manual Integrations
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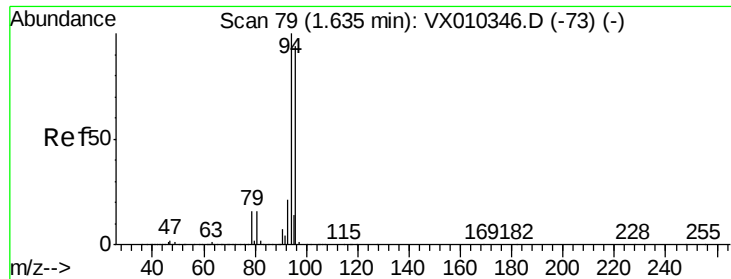
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#4
Vinyl Chloride
Concen: 20.493 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion: 62 Resp: 37656
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.4





#5

Bromomethane

Concen: 25.787 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

ClientSampled :

VX0710WBS01

Tgt Ion: 94 Resp: 23084

Ion Ratio Lower Upper

94 100

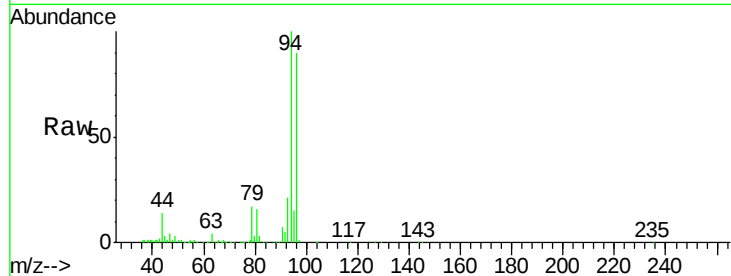
96 90.5 75.5 113.3

Manual Integrations

APPROVED

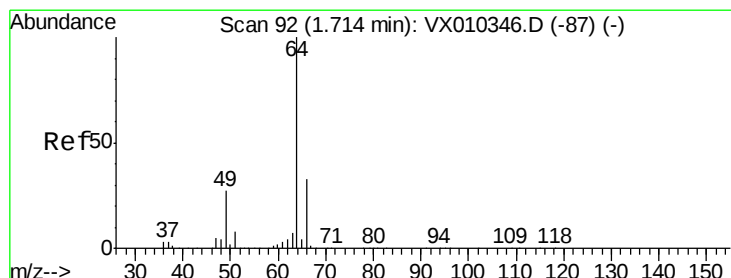
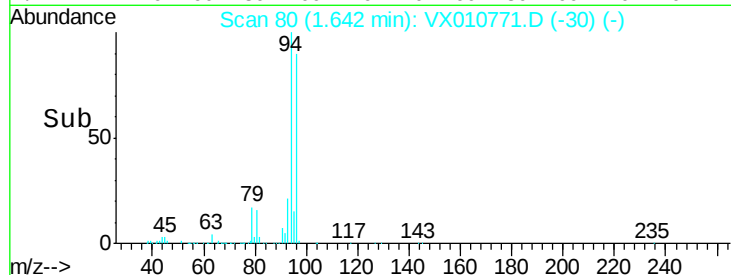
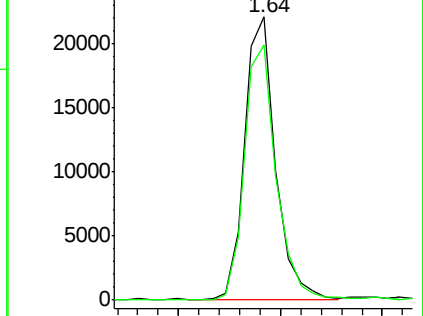
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.744 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010771.D

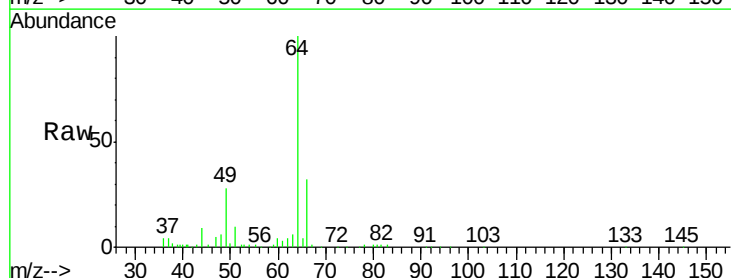
Acq: 10 Jul 2019 12:52

Tgt Ion: 64 Resp: 24656

Ion Ratio Lower Upper

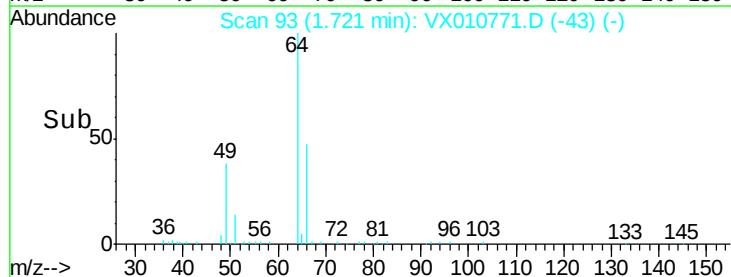
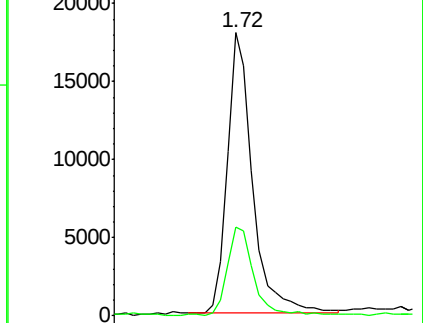
64 100

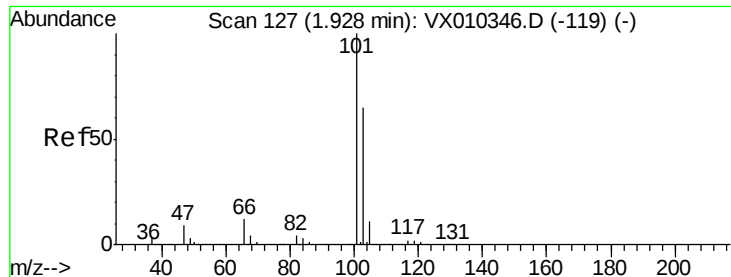
66 31.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

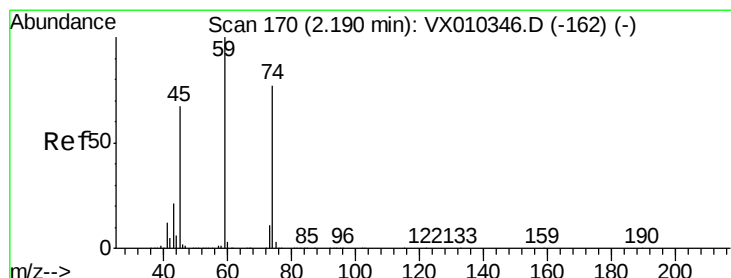
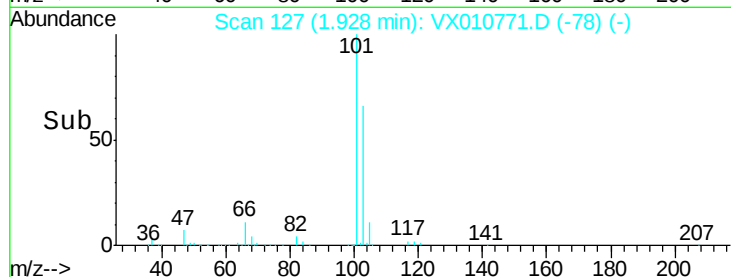
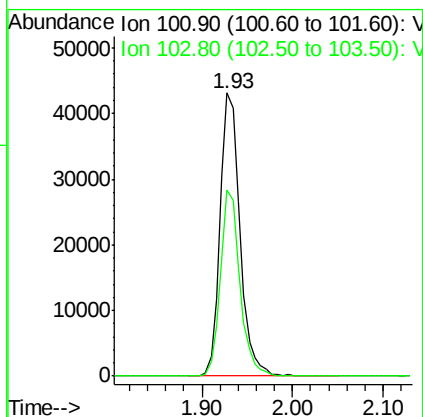
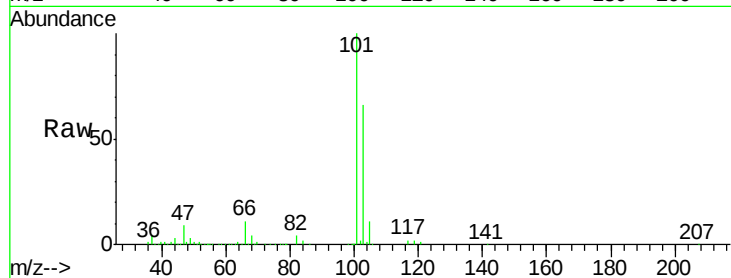
Trichlorofluoromethane
Concen: 22.656 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.3	78.5

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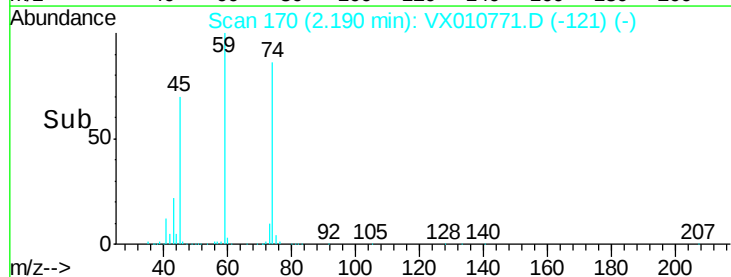
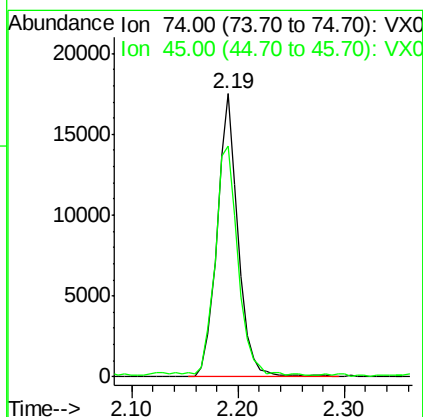
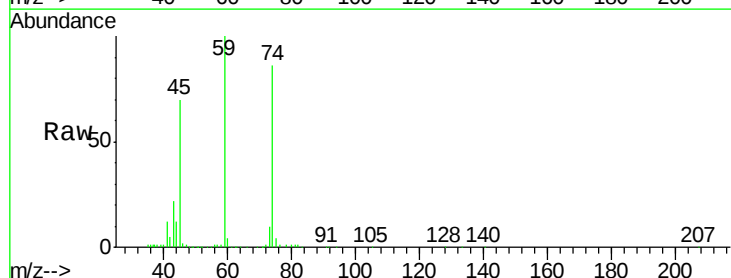
MMDadoda
7/11/2019 10:53:57 AM

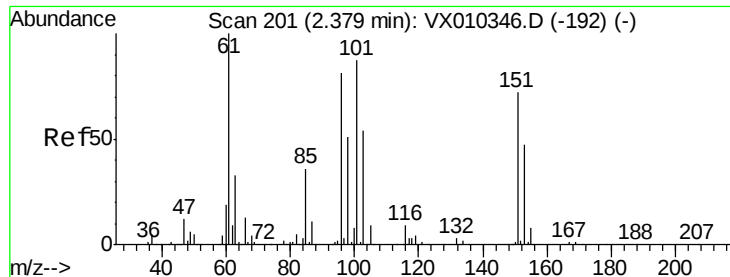


#8

Diethyl Ether
Concen: 22.773 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.0	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.689 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

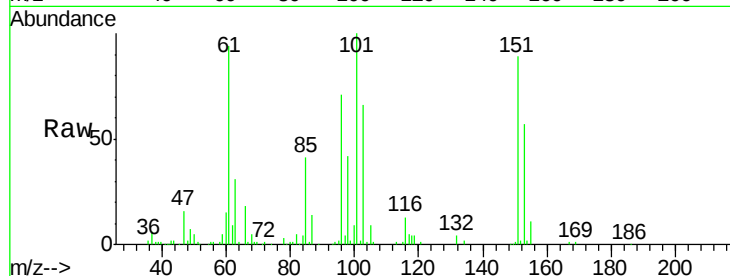
ClientSampleId :

VX0710WBS01

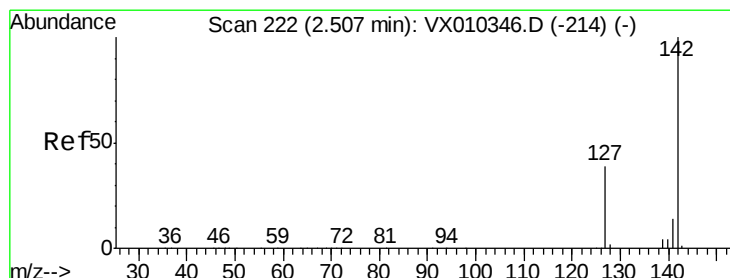
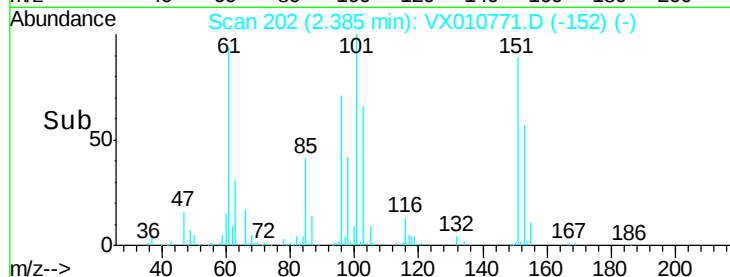
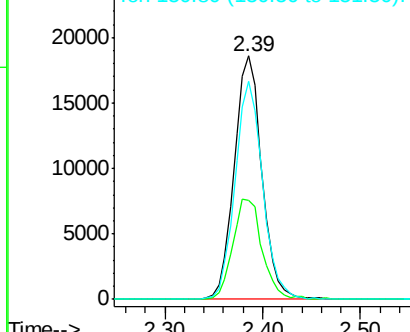
Tgt Ion:	101	Resp:	36520
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.7	50.5
151	89.3	70.1	105.1

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



#10

Methyl Iodide

Concen: 17.365 ug/l

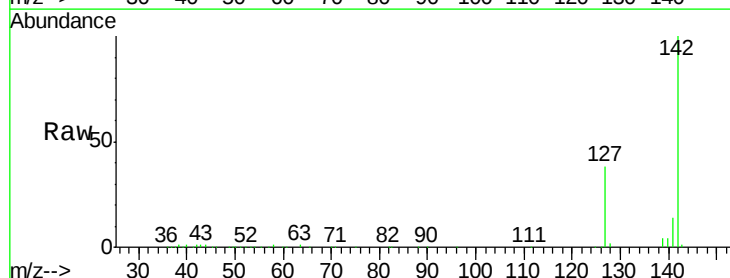
RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

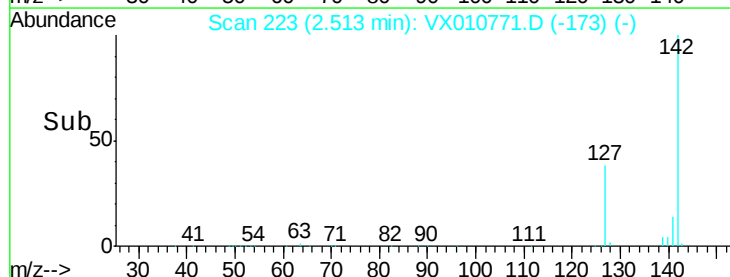
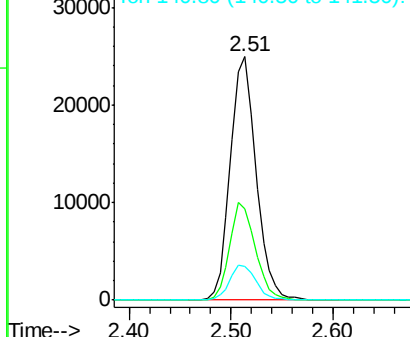
Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Tgt Ion:	142	Resp:	43745
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.1	46.7
141	14.6	11.2	16.8



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





#11

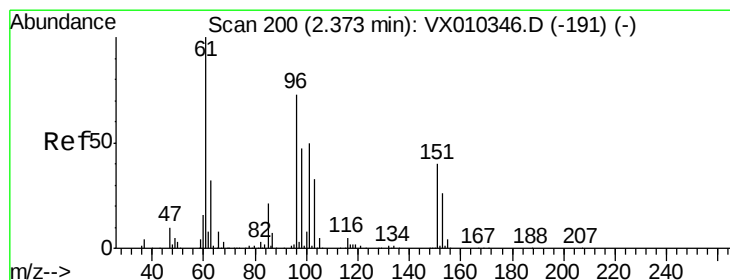
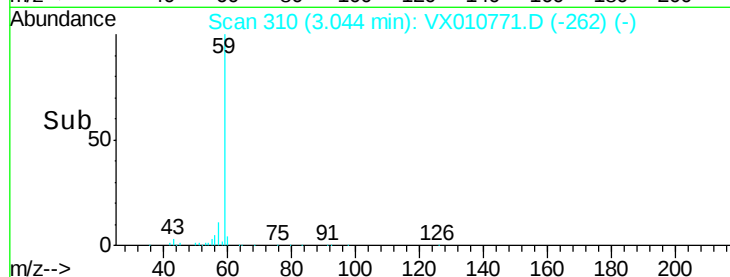
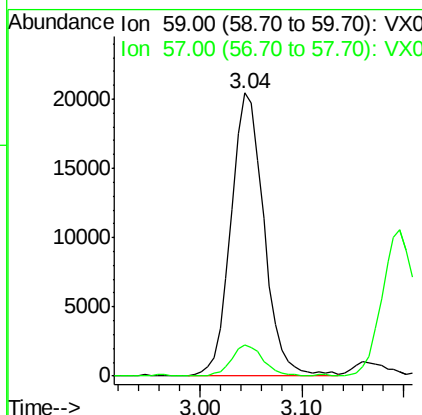
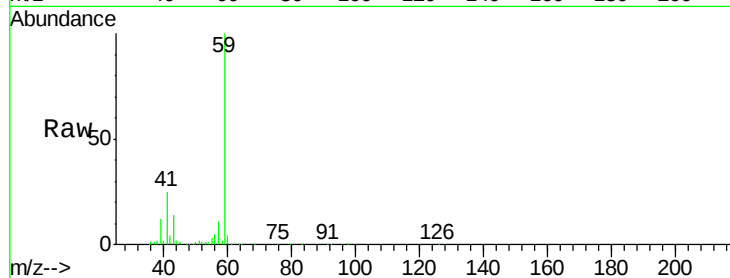
Tert butyl alcohol
Concen: 90.235 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion: 59 Resp: 45876
Ion Ratio Lower Upper
59 100
57 10.7 7.7 11.5

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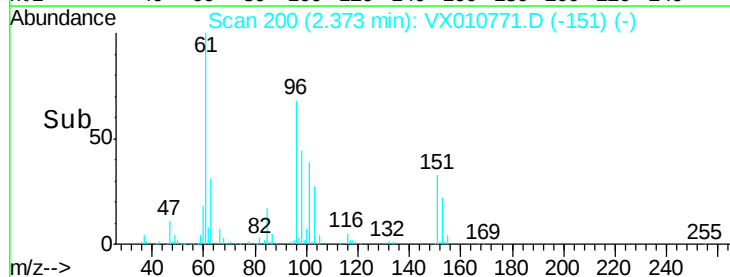
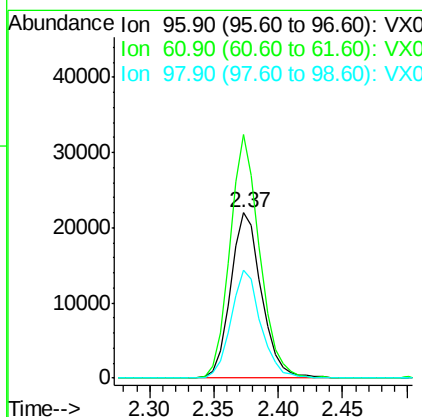
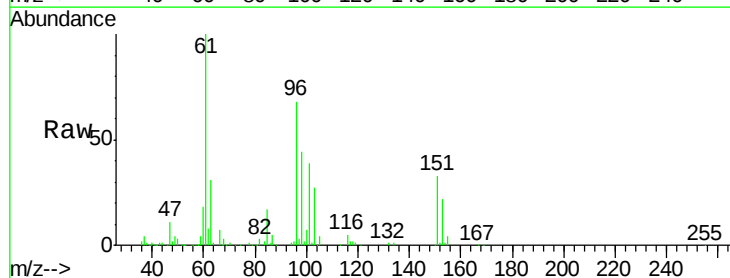
MMDadoda
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#12

1,1-Dichloroethene
Concen: 20.573 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion: 96 Resp: 36953
Ion Ratio Lower Upper
96 100
61 147.5 109.2 163.8
98 65.4 51.1 76.7





#13

Acrolein

Concen: 79.187 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tgt Ion: 56 Resp: 26707

Ion Ratio Lower Upper

56 100

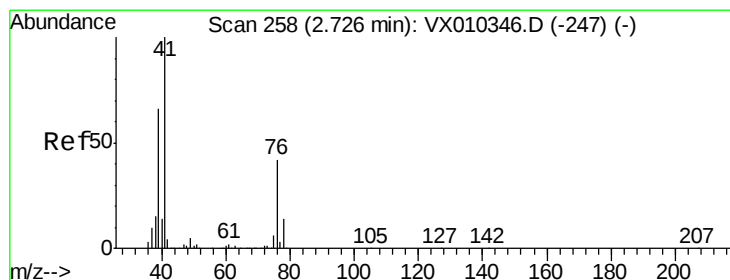
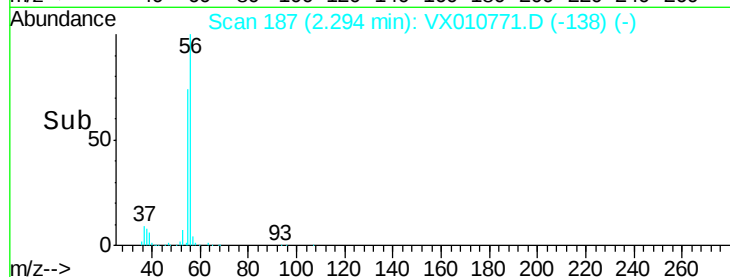
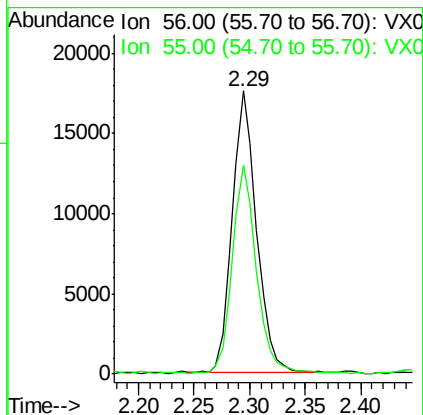
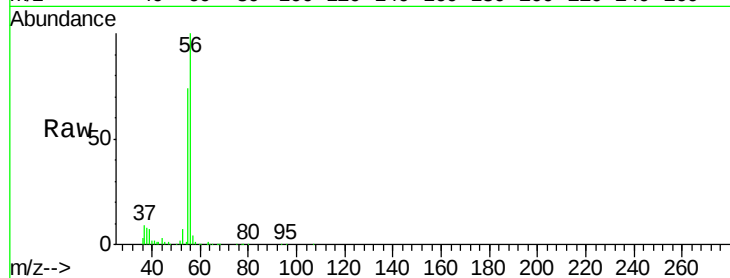
55 72.6 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 20.675 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

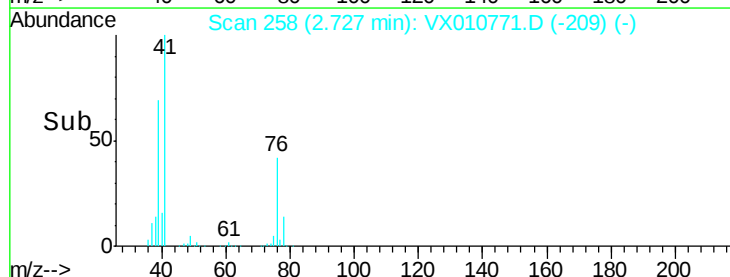
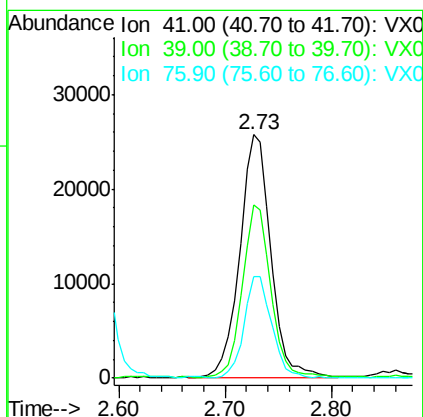
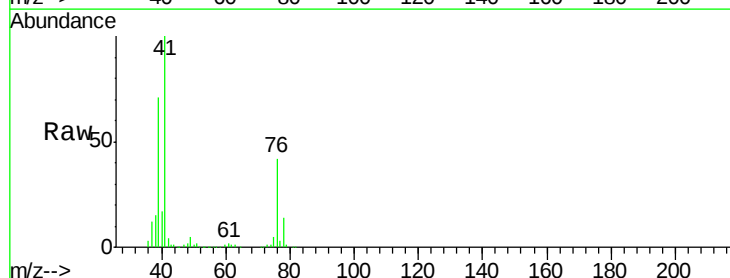
Tgt Ion: 41 Resp: 52722

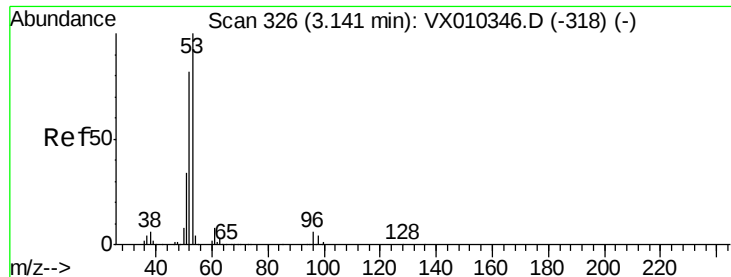
Ion Ratio Lower Upper

41 100

39 64.8 50.3 75.5

76 37.4 31.3 46.9





#15

Acrylonitrile

Concen: 105.402 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

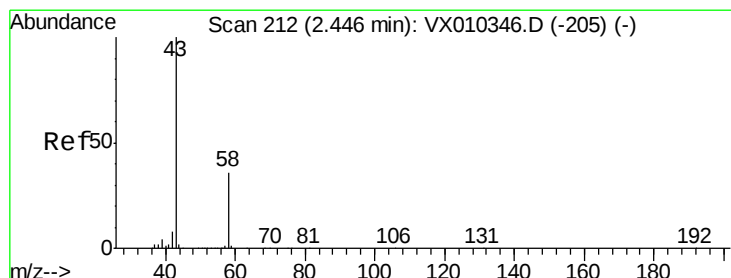
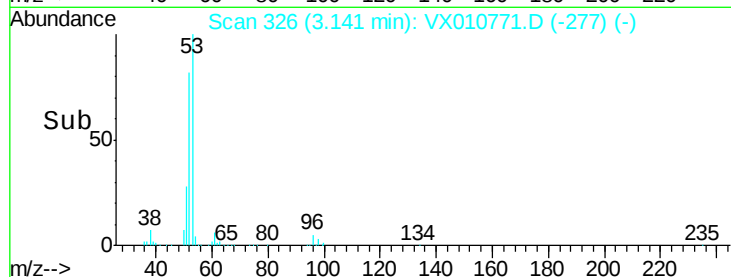
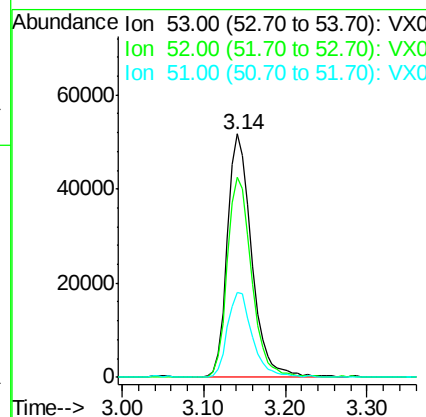
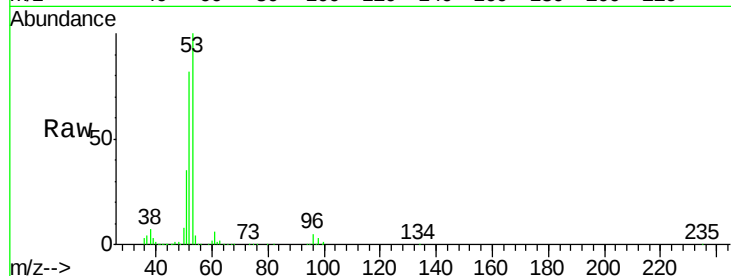
ClientSampleId :

VX0710WBS01

Tgt Ion:	53	Resp:	106096
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.5	98.3
51	36.1	28.2	42.4

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#16

Acetone

Concen: 91.472 ug/l

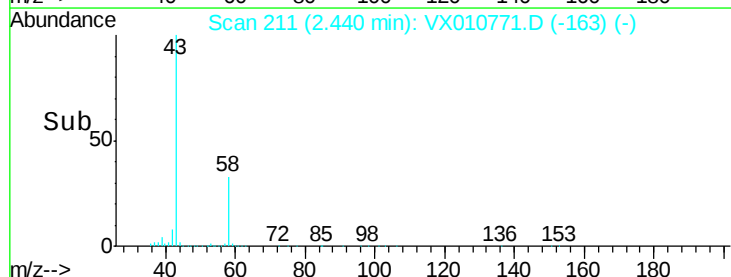
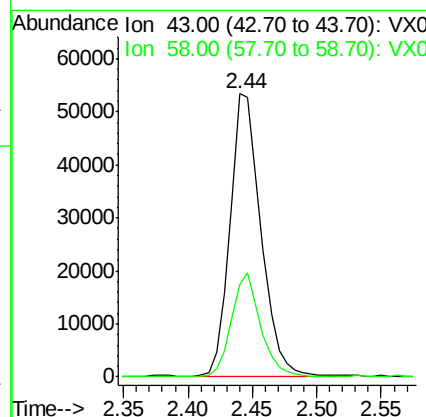
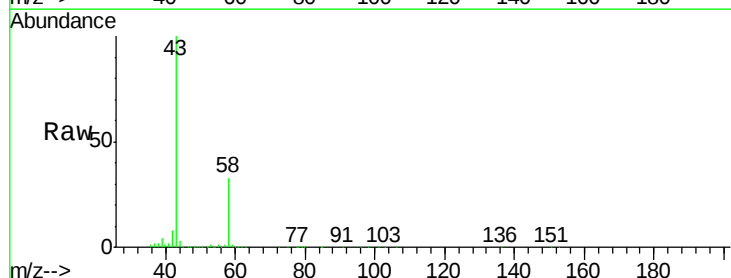
RT: 2.44 min Scan# 211

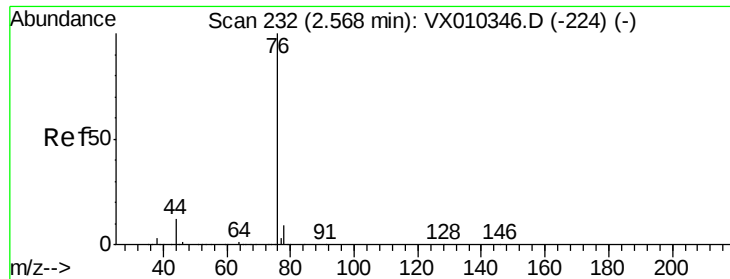
Delta R.T. -0.01 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Tgt Ion:	43	Resp:	89071
Ion	Ratio	Lower	Upper
43	100		
58	32.9	28.9	43.3





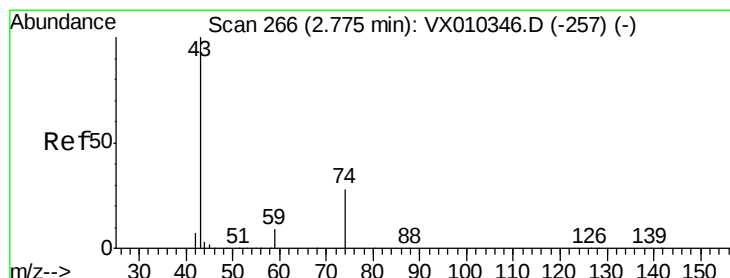
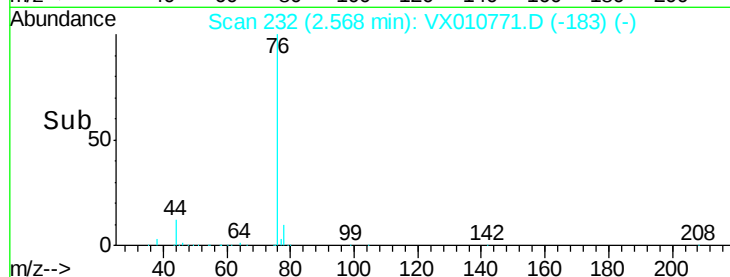
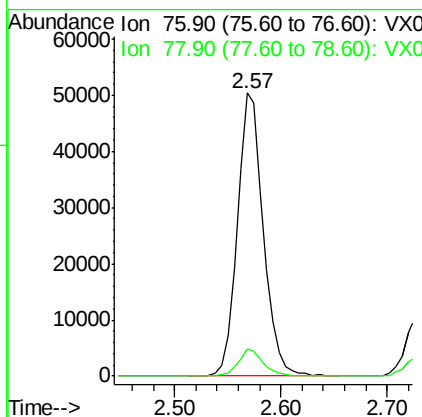
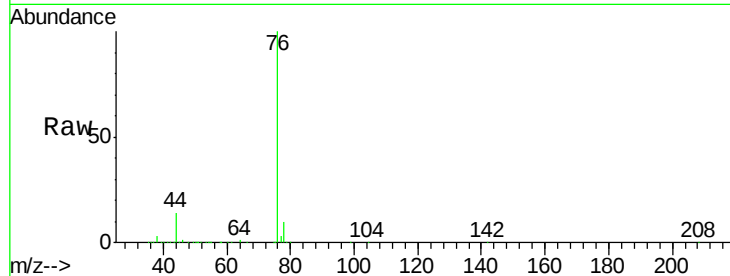
#17
Carbon Disulfide
Concen: 17.848 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion: 76 Resp: 86009
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

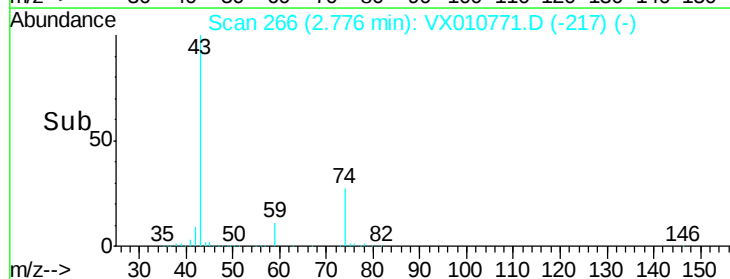
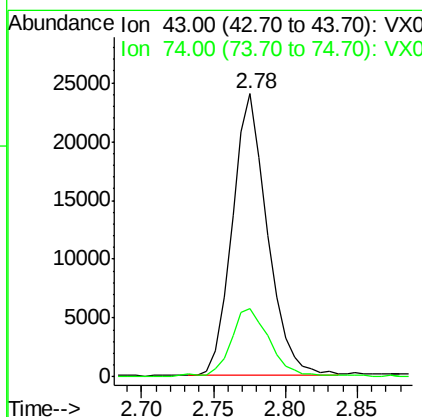
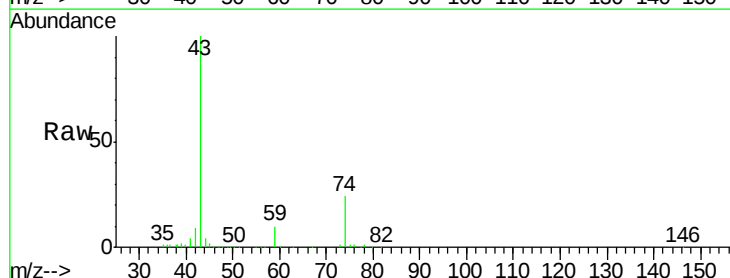
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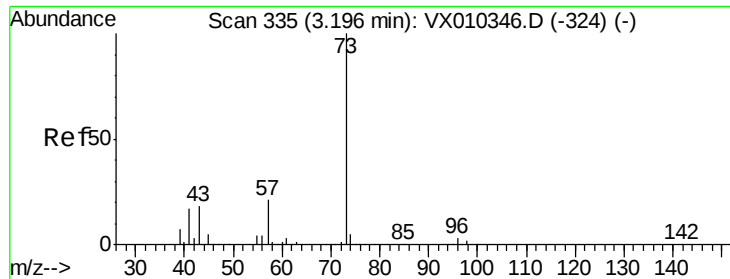
MMDadoda
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#18
Methyl Acetate
Concen: 21.012 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion: 43 Resp: 40778
Ion Ratio Lower Upper
43 100
74 27.2 21.3 31.9





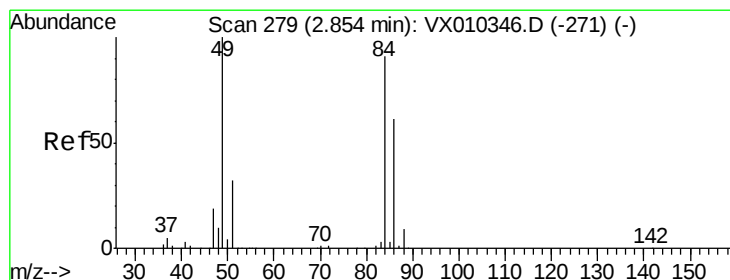
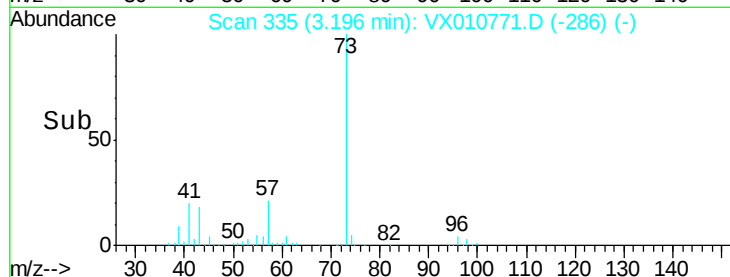
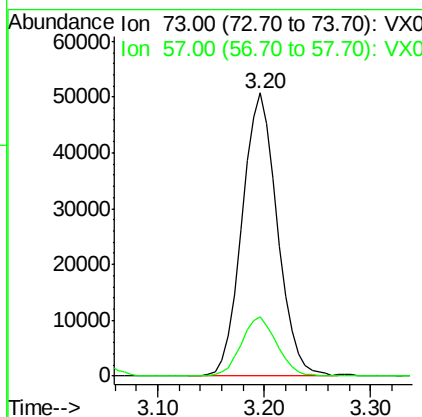
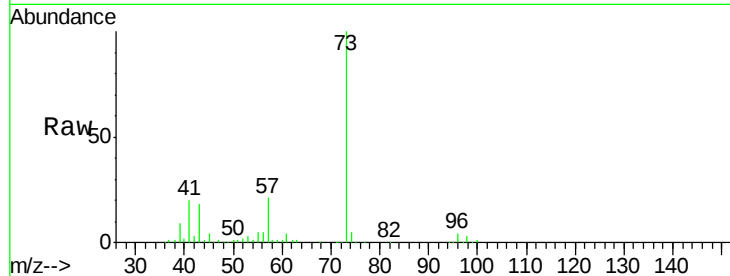
#19
Methyl tert-butyl Ether
Concen: 20.877 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion: 73 Resp: 117966
Ion Ratio Lower Upper
73 100
57 20.8 16.4 24.6

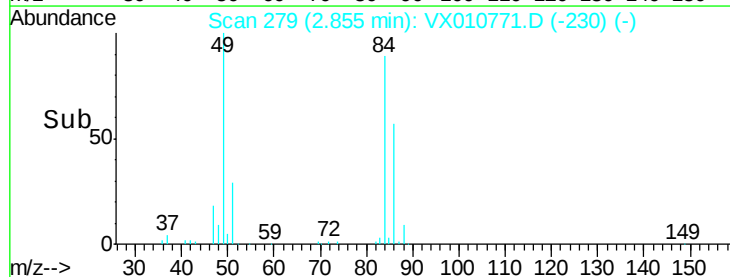
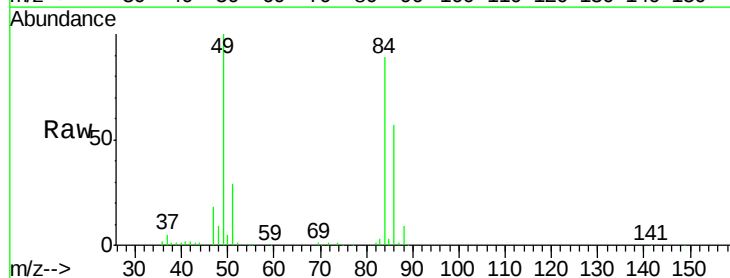
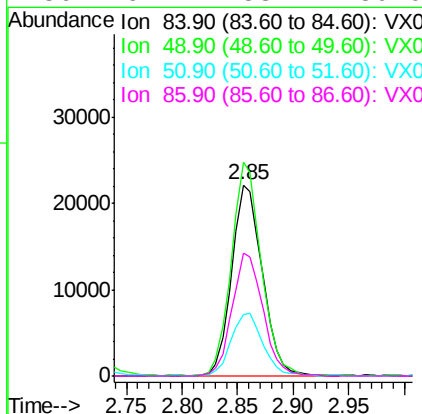
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#20
Methylene Chloride
Concen: 21.123 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion: 84 Resp: 42329
Ion Ratio Lower Upper
84 100
49 111.5 87.5 131.3
51 32.4 27.7 41.5
86 64.2 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 20.354 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

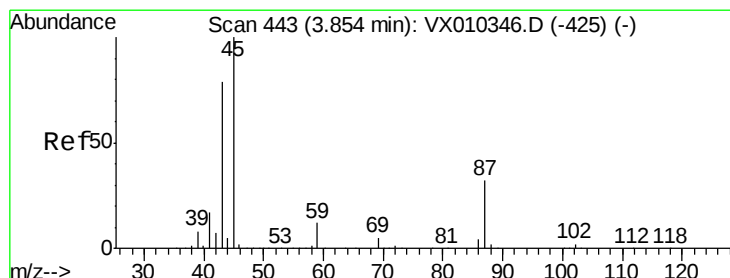
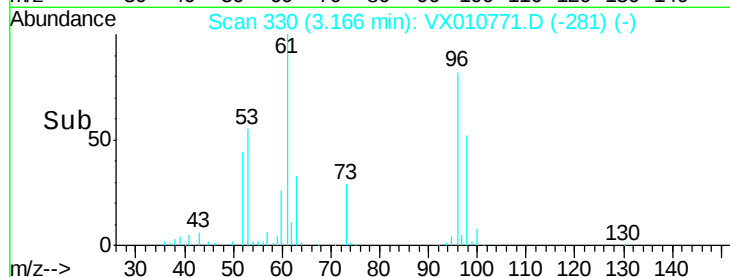
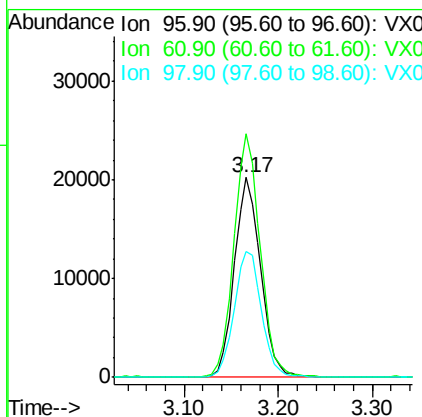
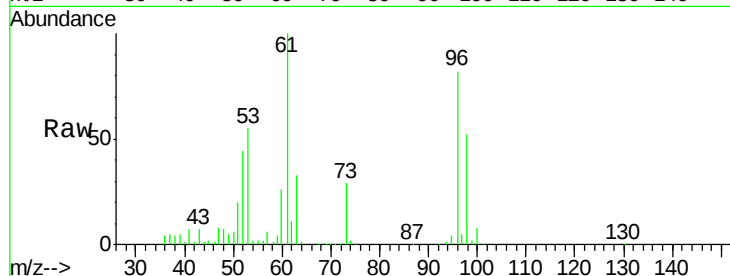
ClientSampleId :

VX0710WBS01

Tgt Ion:	96	Resp:	39321
Ion	Ratio	Lower	Upper
96	100		
61	121.8	95.6	143.4
98	63.3	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.434 ug/l

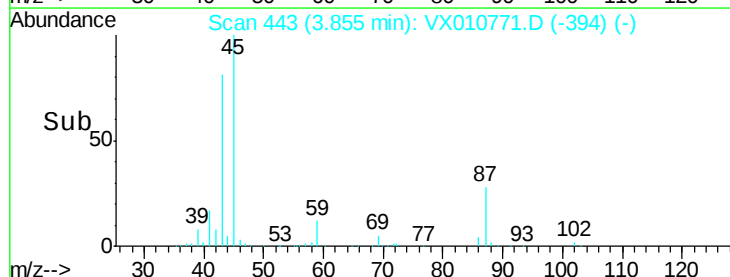
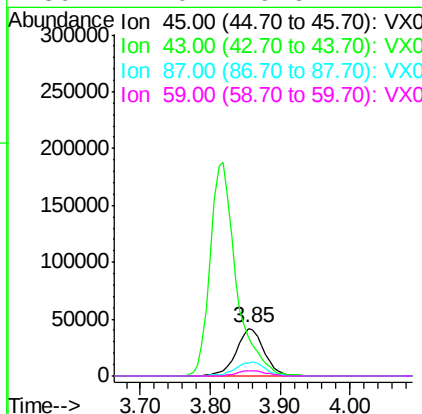
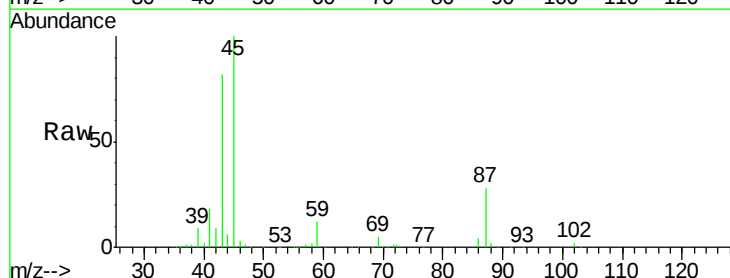
RT: 3.85 min Scan# 443

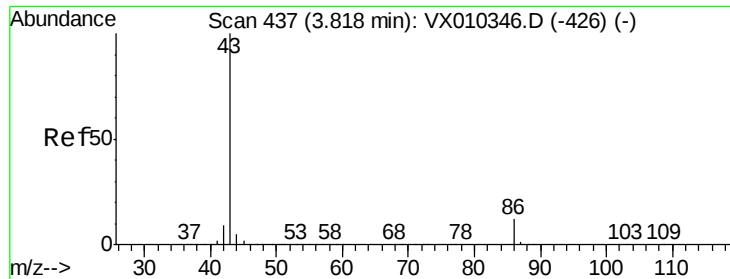
Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Tgt Ion:	45	Resp:	114276
Ion	Ratio	Lower	Upper
45	100		
43	80.2	63.3	94.9
87	28.1	25.8	38.8
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 105.513 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tgt Ion: 43 Resp: 485985

Ion Ratio Lower Upper

43 100

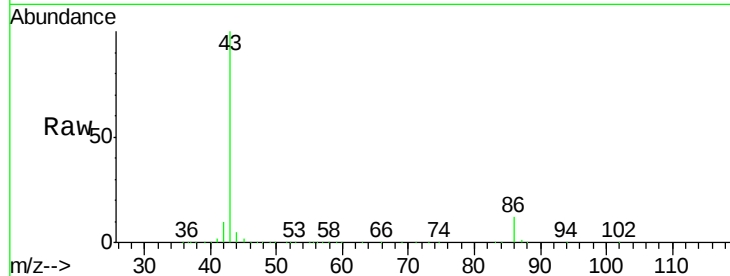
86 12.3 9.9 14.9

Manual Integrations

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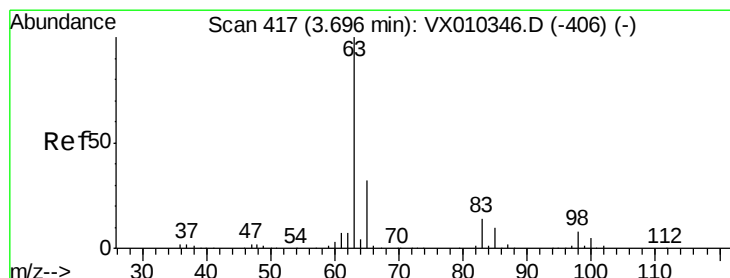
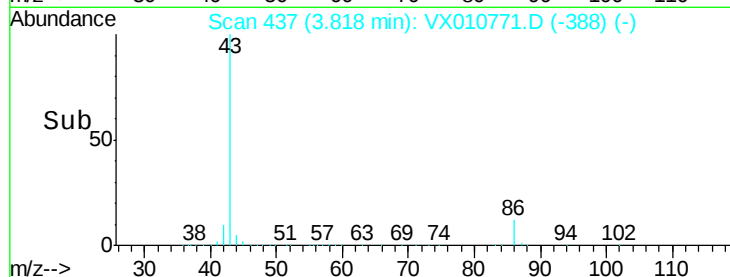
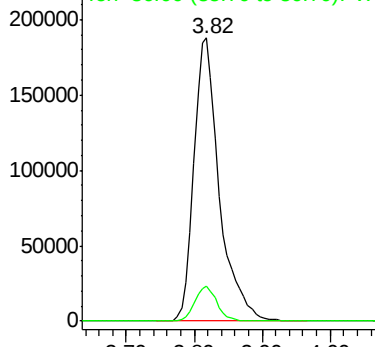
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.205 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

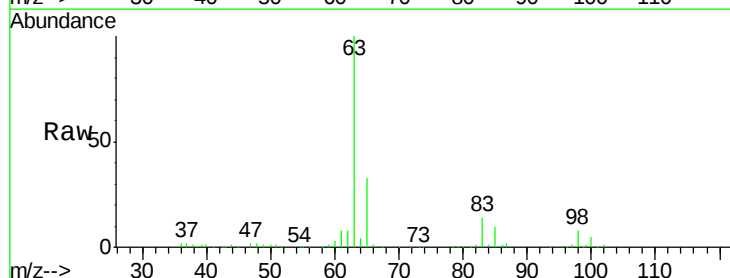
Tgt Ion: 63 Resp: 65352

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

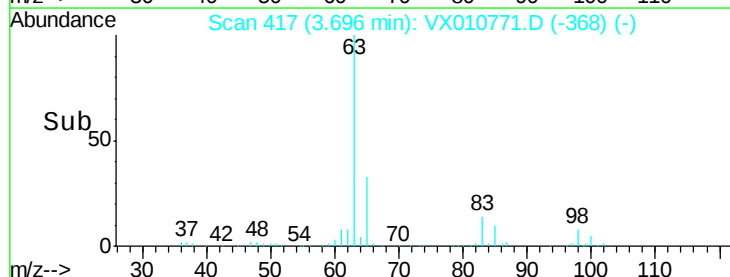
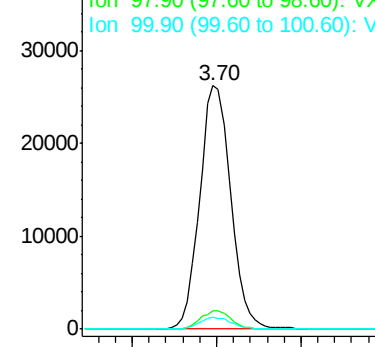
100 4.7 2.4 7.1

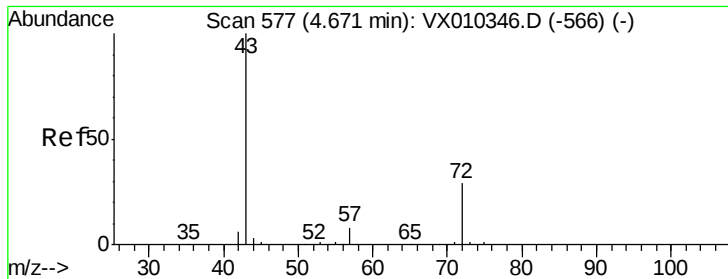


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.107 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tgt Ion: 43 Resp: 142989

Ion Ratio Lower Upper

43 100

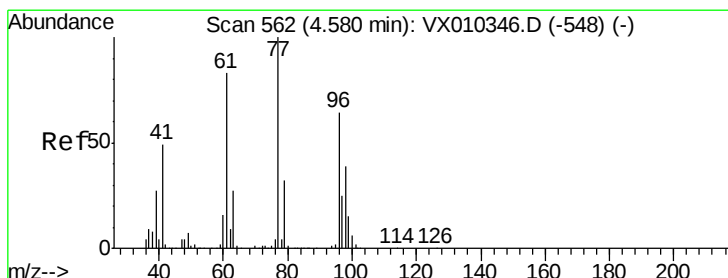
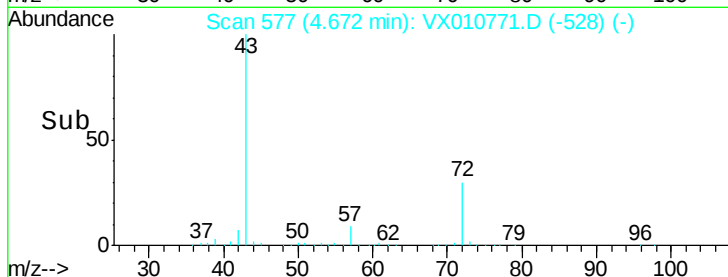
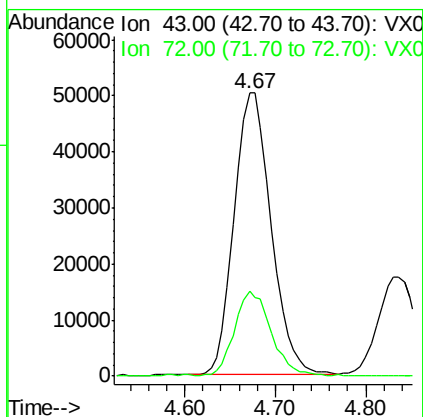
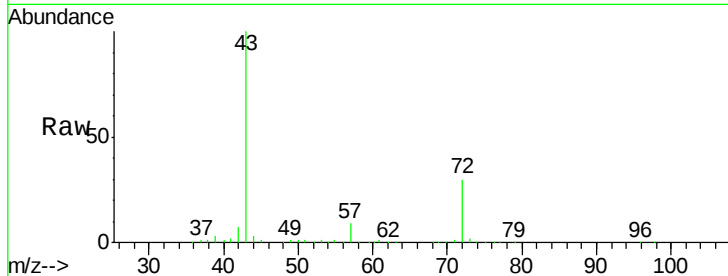
72 29.7 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.141 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010771.D

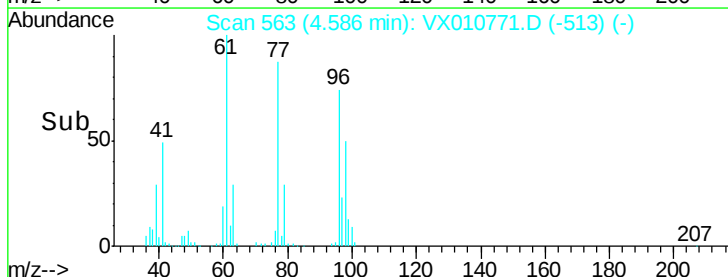
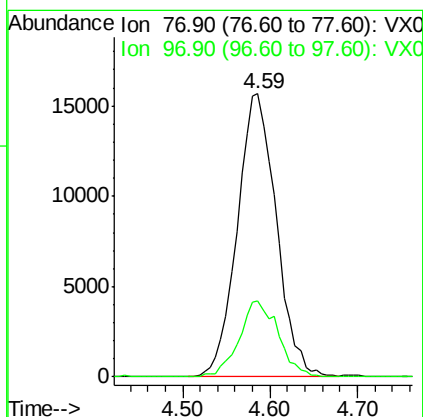
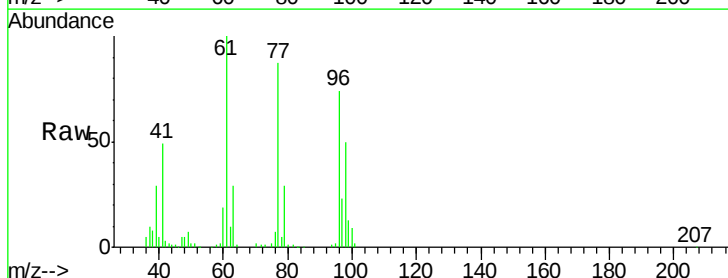
Acq: 10 Jul 2019 12:52

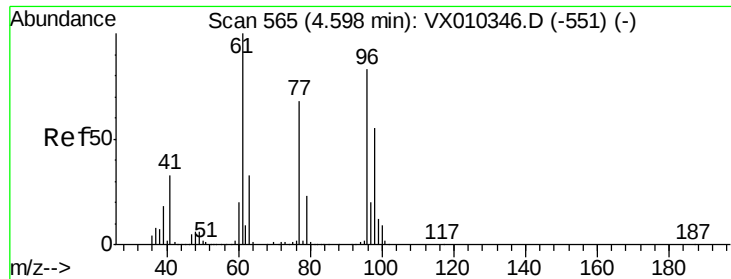
Tgt Ion: 77 Resp: 48566

Ion Ratio Lower Upper

77 100

97 26.7 13.1 39.3





#27

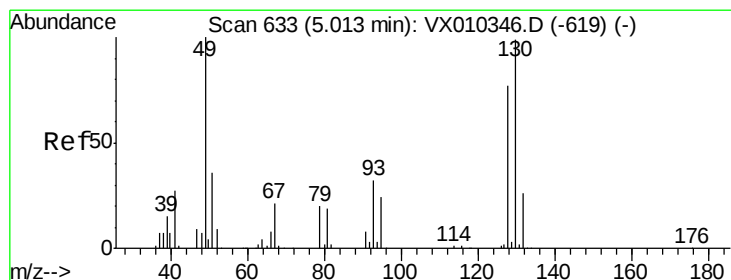
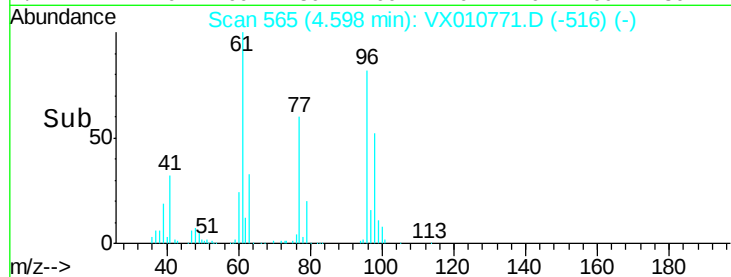
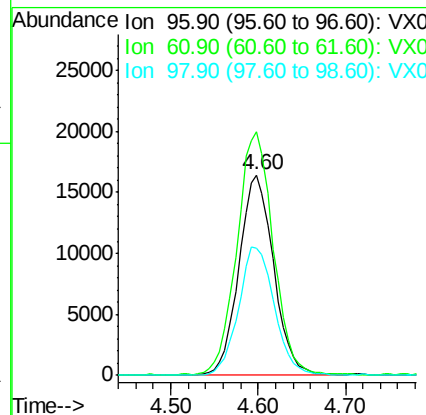
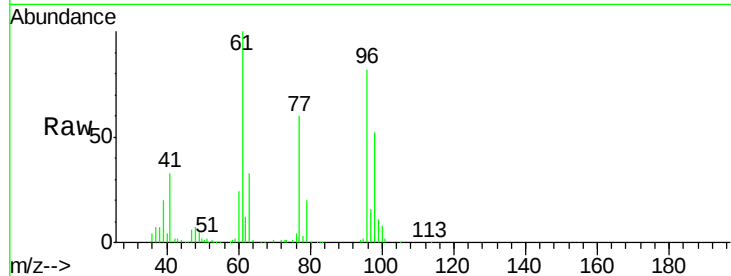
cis-1,2-Dichloroethene
Concen: 20.334 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampled :
VX0710WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	45394		
61	127.6	0.0	251.8	
98	66.1	0.0	129.4	

Manual Integrations
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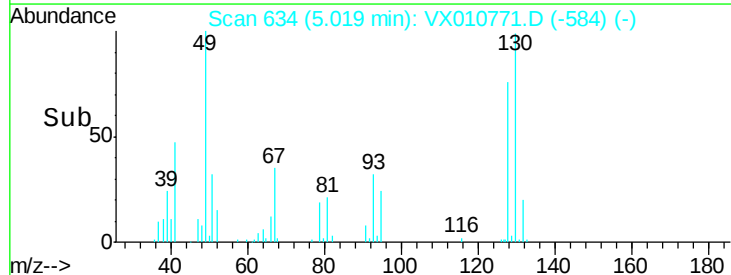
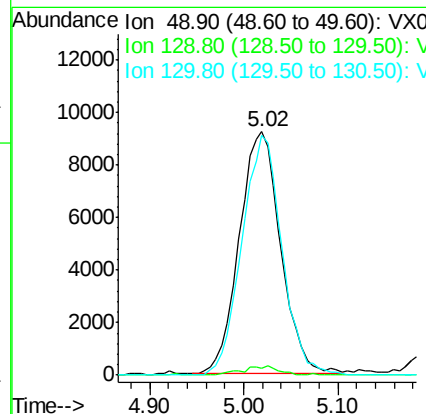
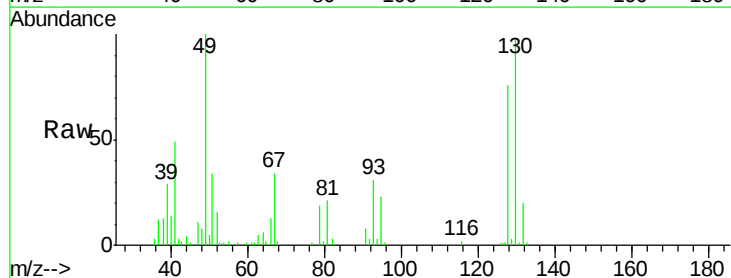
MMDadoda
7/11/2019 10:53:57 AM

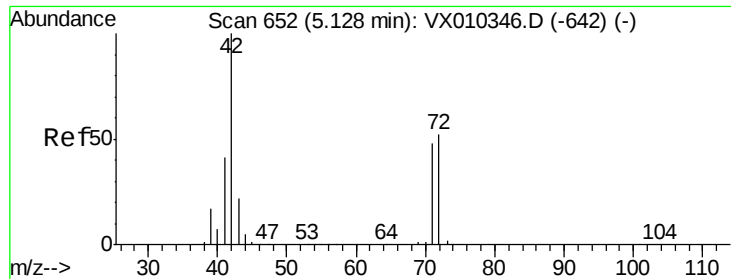


#28

Bromochloromethane
Concen: 19.224 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	28327		
129	3.1	0.0	5.6	
130	95.9	81.4	122.0	





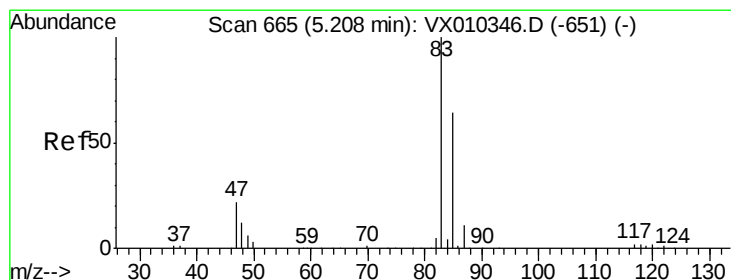
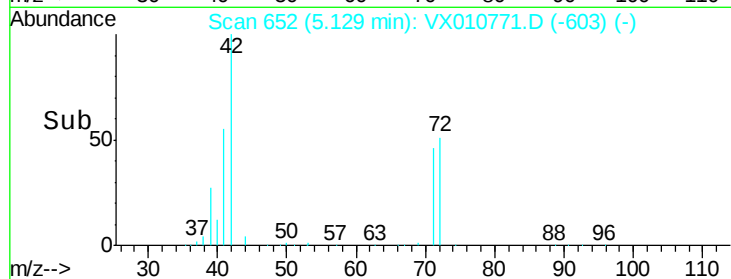
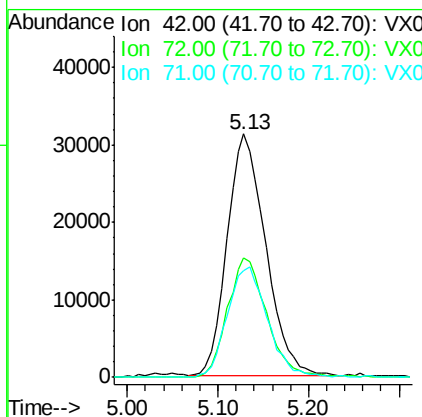
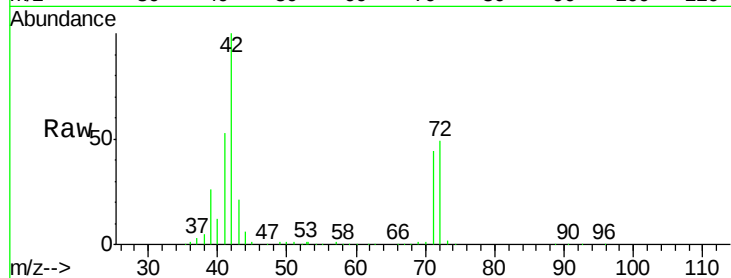
#29
Tetrahydrofuran
Concen: 104.271 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.8	40.6	60.8
71	47.5	37.8	56.8

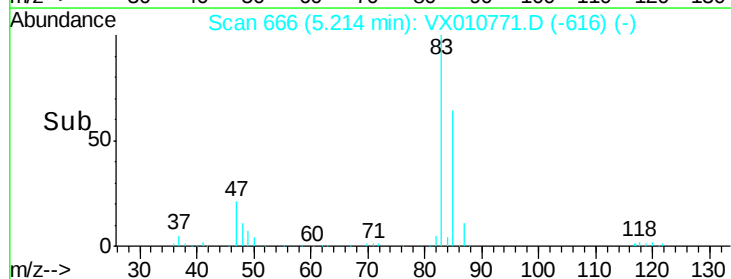
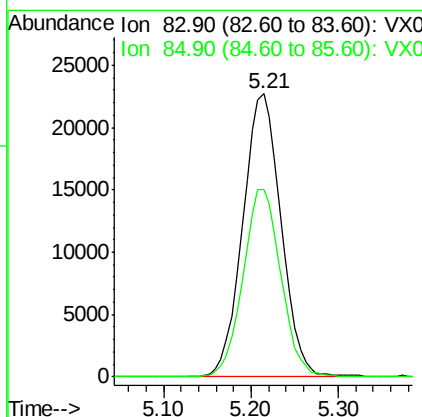
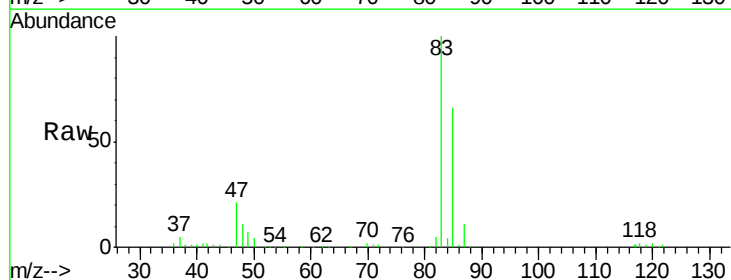
Manual Integrations
APPROVED

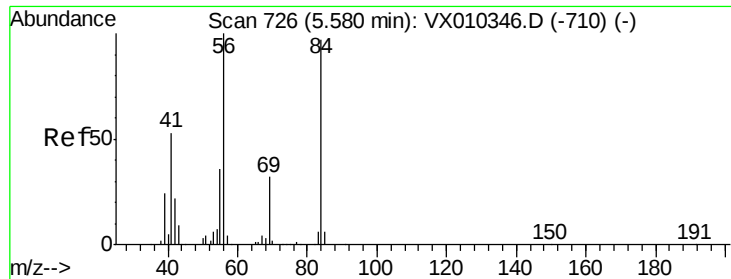
MMDadoda
7/11/2019 10:53:57 AM



#30
Chloroform
Concen: 20.823 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.9	76.3





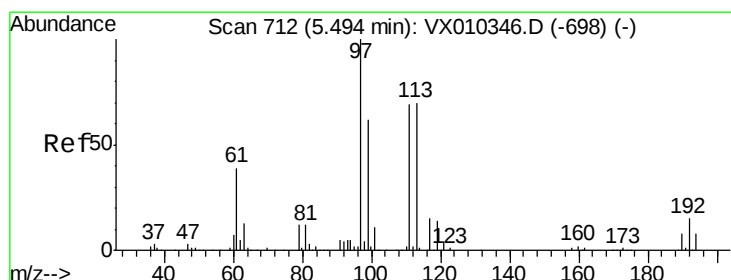
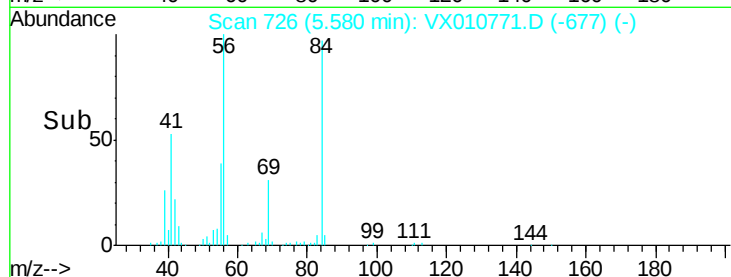
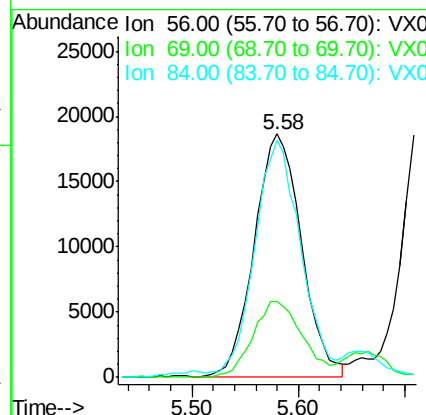
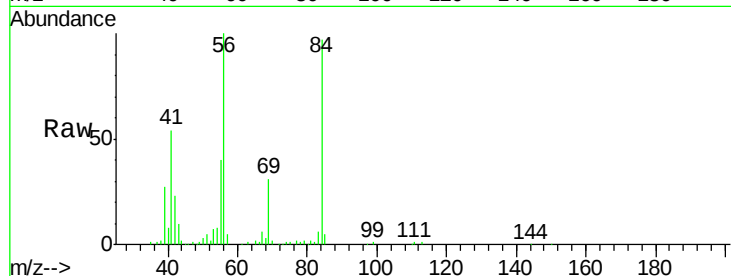
#31
Cyclohexane
Concen: 20.508 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.9	38.9
84	94.8	78.0	117.0

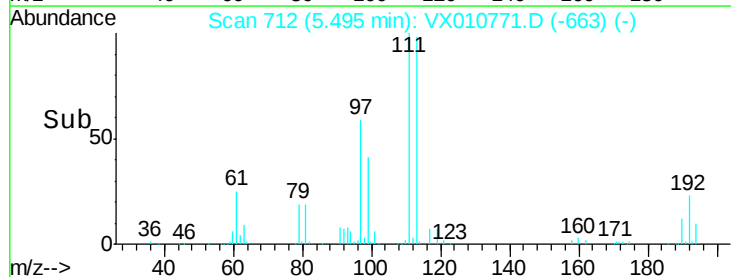
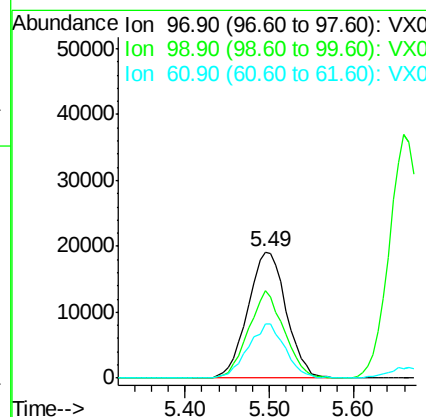
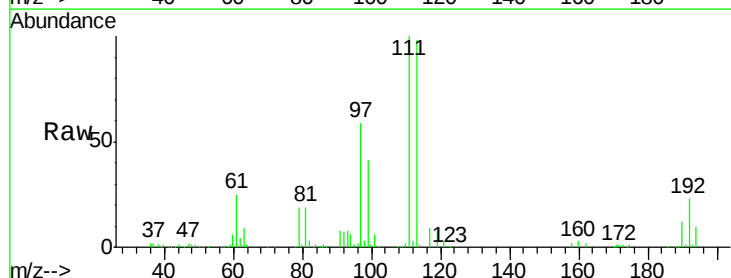
Manual Integrations
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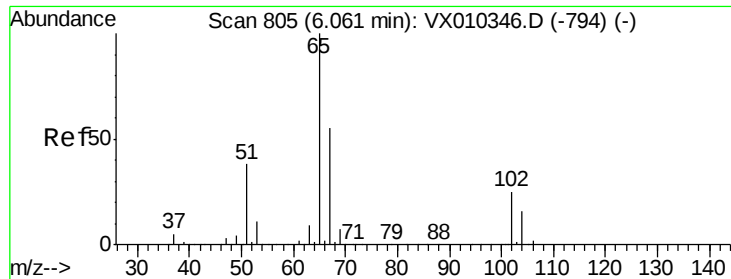
MMDadoda
7/11/2019 10:53:57 AM



#32
1,1,1-Trichloroethane
Concen: 20.234 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	41.5	32.1	48.1





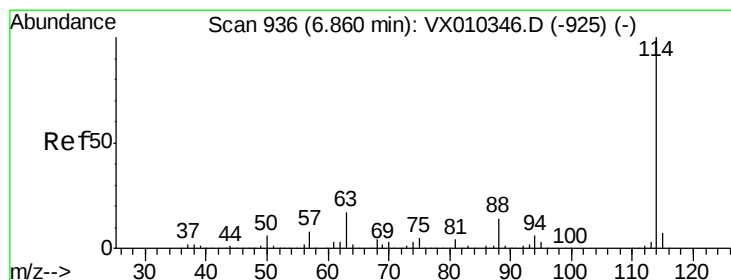
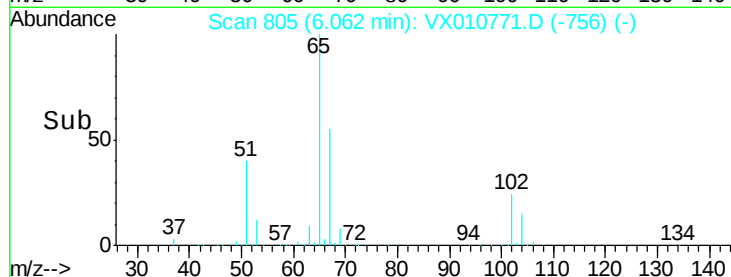
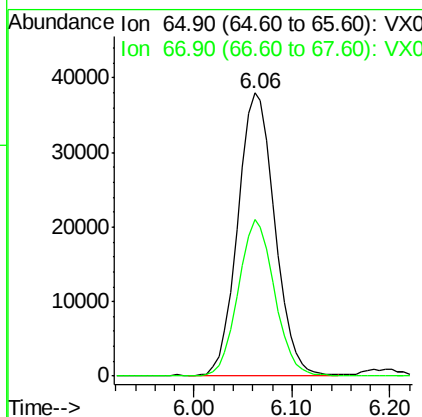
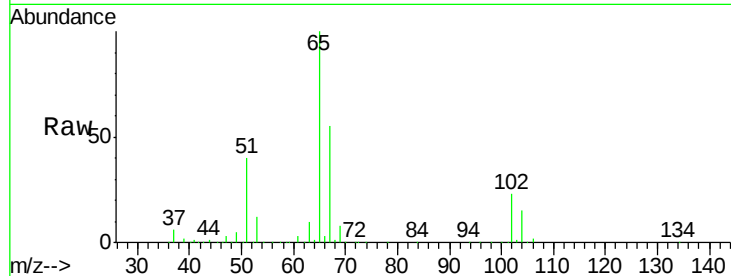
#33
 1,2-Dichloroethane-d4
 Concen: 51.250 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tgt Ion: 65 Resp: 99576
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.2

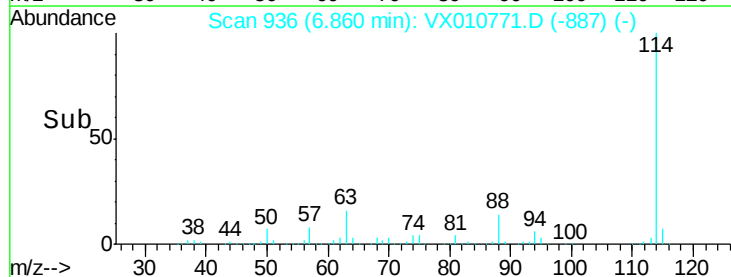
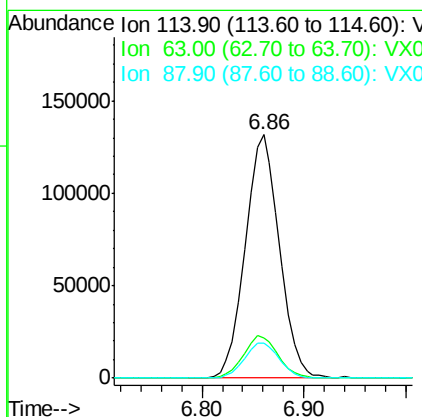
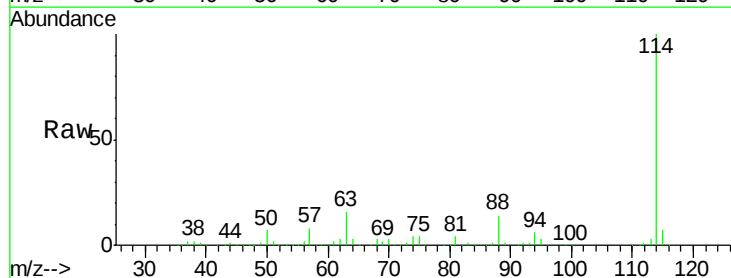
Manual Integrations
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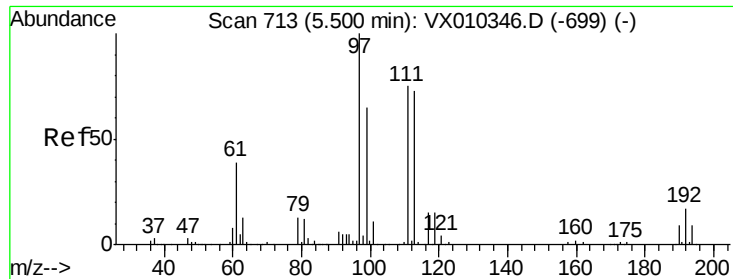
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 7/11/2019 10:53:57 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Tgt Ion: 114 Resp: 306144
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 33.8
 88 14.3 0.0 27.6





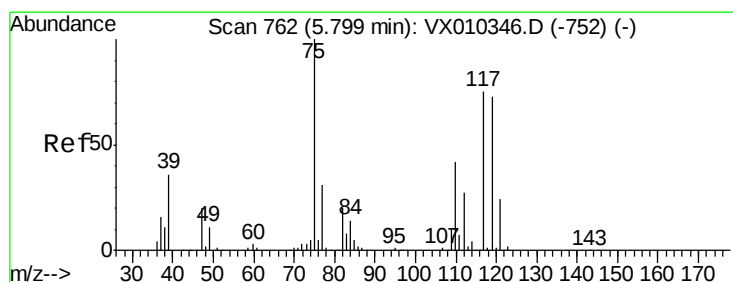
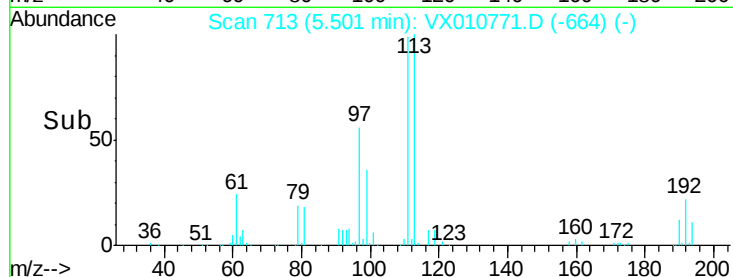
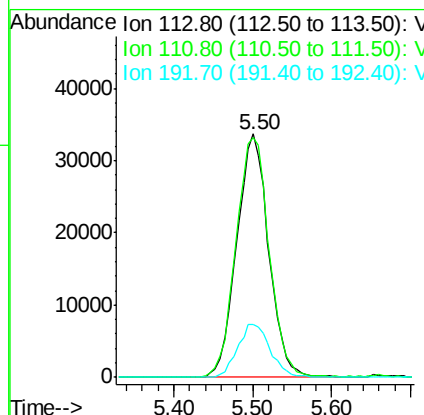
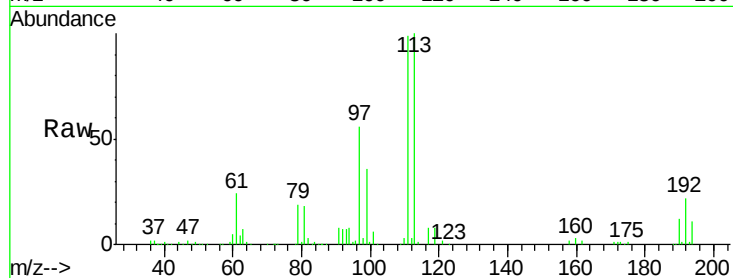
#35
Dibromofluoromethane
Concen: 50.531 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	94650		
111	102.7	81.2	121.8	
192	22.4	18.6	27.8	

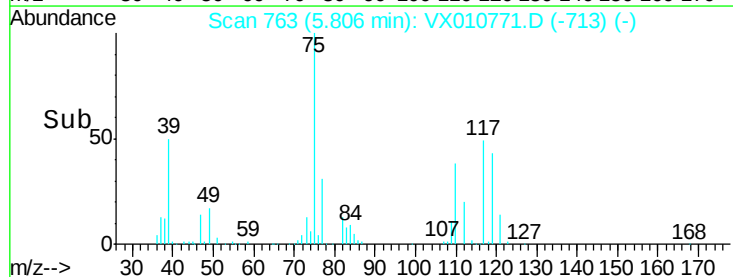
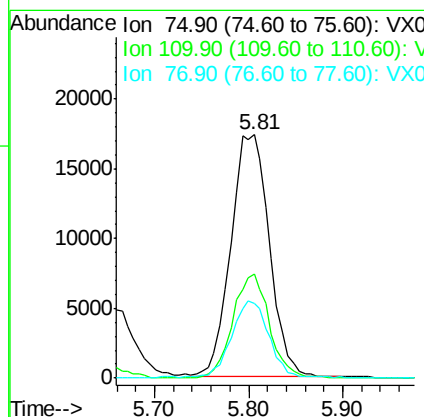
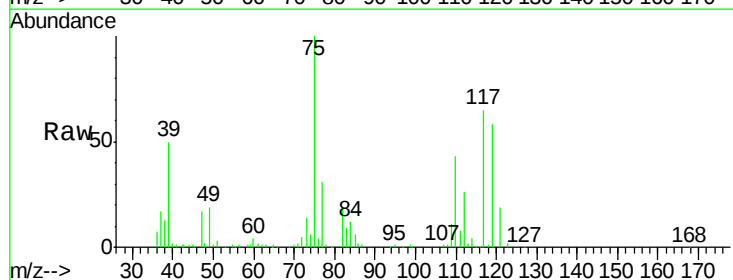
Manual Integrations
APPROVED

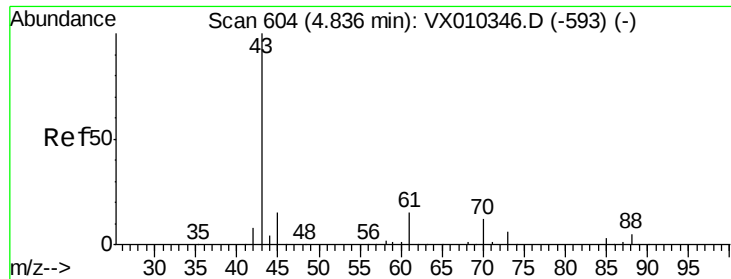
MMDadoda
7/11/2019 10:53:57 AM



#36
1,1-Dichloropropene
Concen: 20.321 ug/l
RT: 5.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	49437		
110	40.8	20.8	62.2	
77	30.6	25.4	38.0	





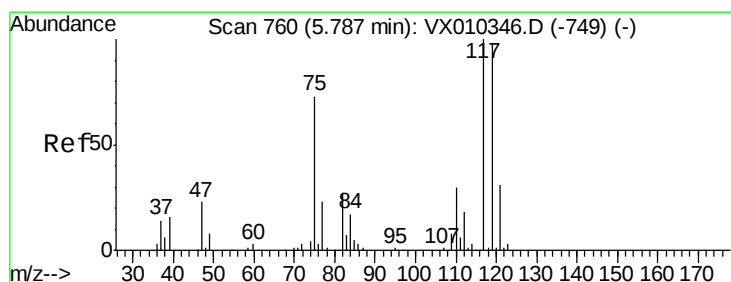
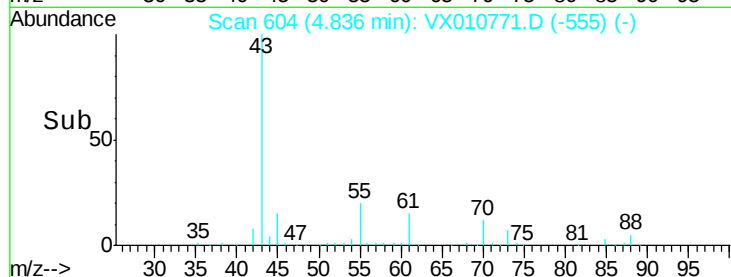
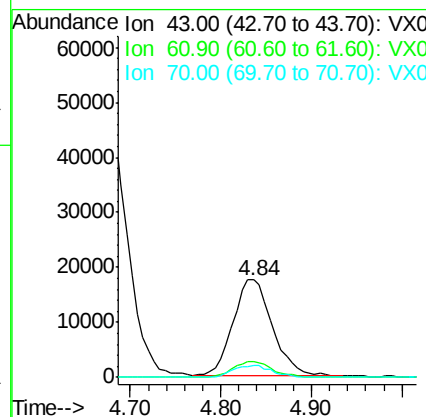
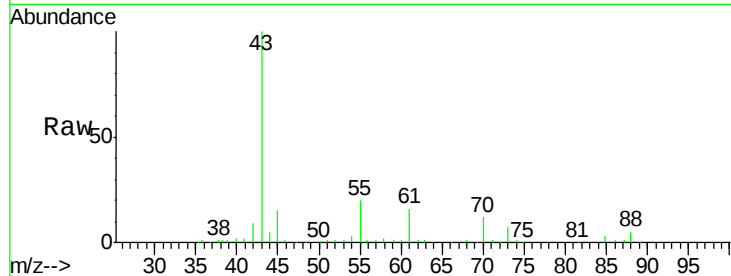
#37
Ethyl Acetate
Concen: 21.276 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion: 43 Resp: 53249
Ion Ratio Lower Upper
43 100
61 16.5 12.4 18.6
70 12.3 9.8 14.8

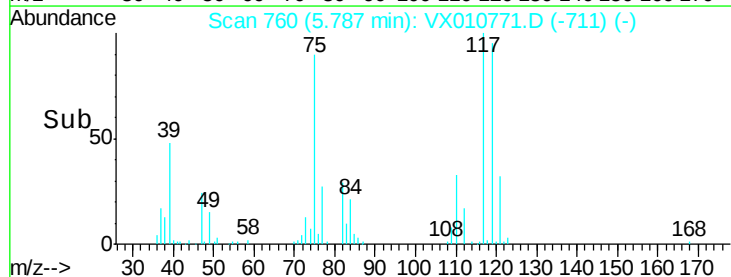
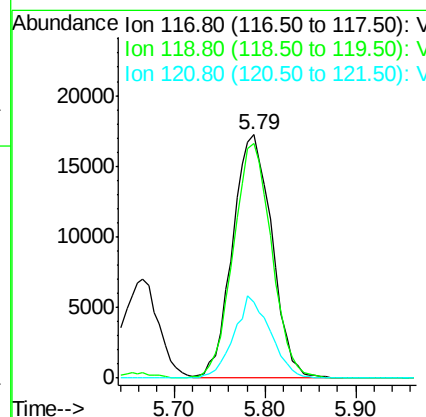
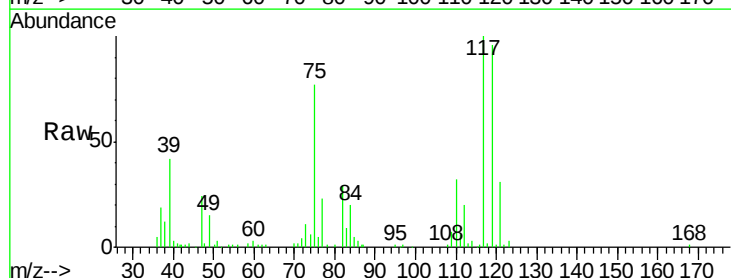
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#38
Carbon Tetrachloride
Concen: 19.666 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion: 117 Resp: 51807
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.4
121 31.1 24.7 37.1





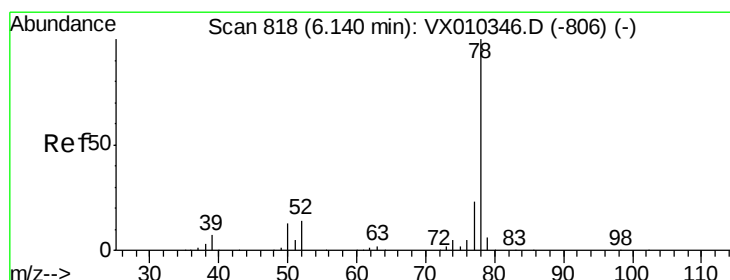
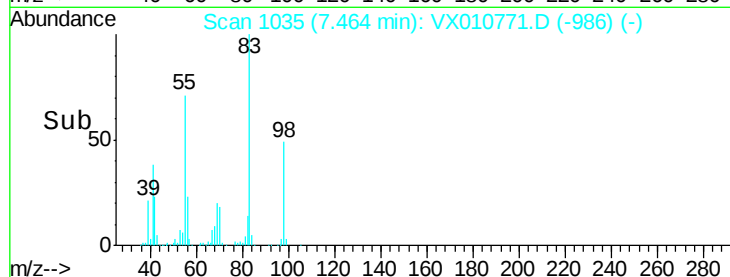
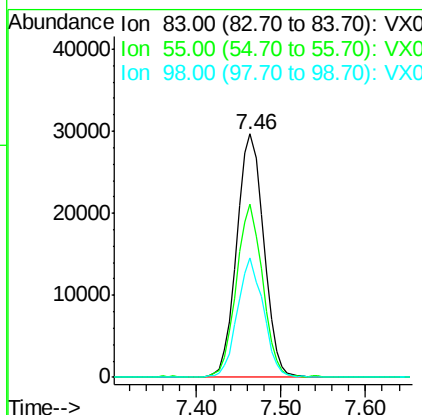
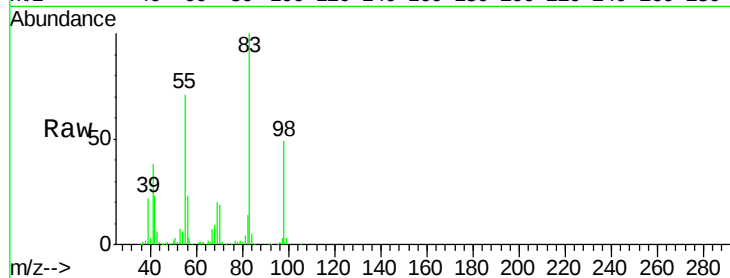
#39
Methylcyclohexane
Concen: 20.109 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.1	53.0	79.6
98	49.1	37.8	56.8

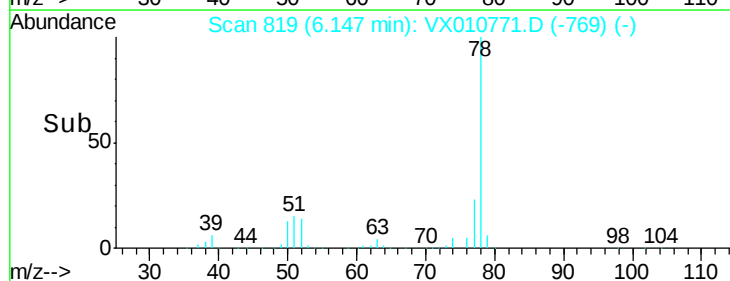
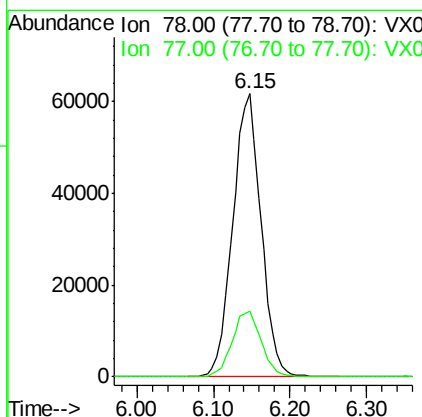
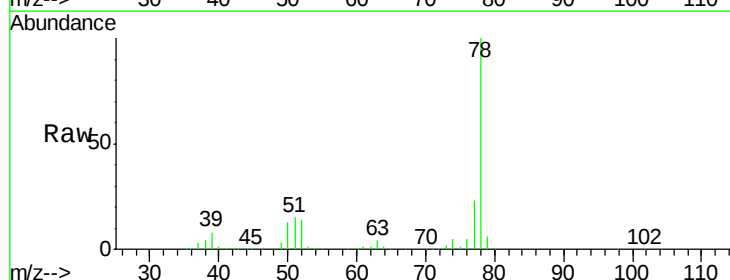
Manual Integrations
APPROVED

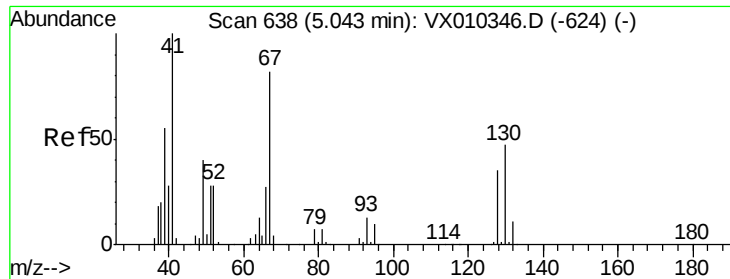
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#40
Benzene
Concen: 20.847 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





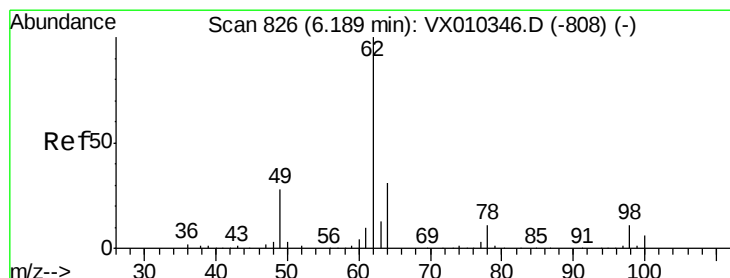
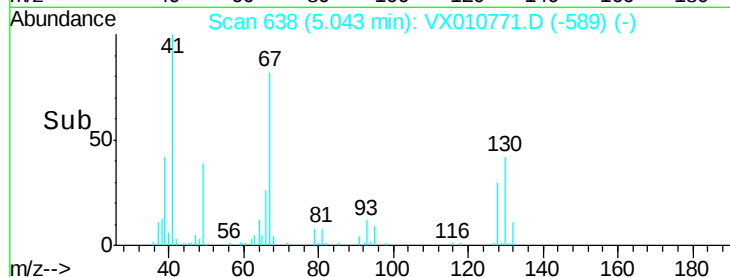
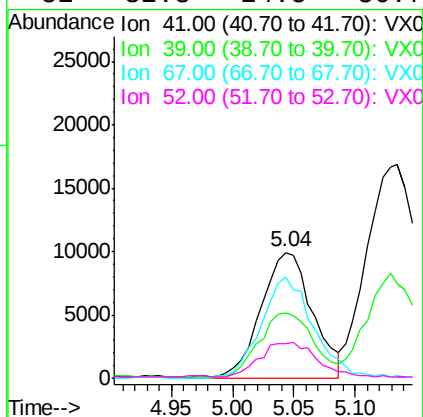
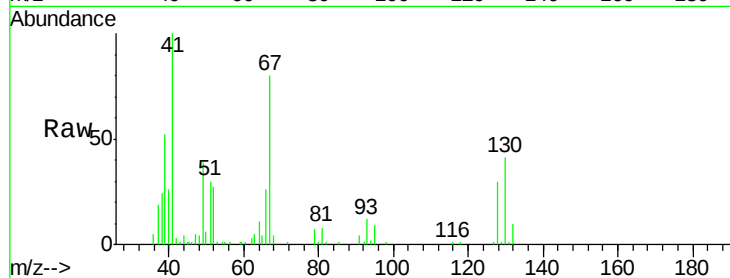
#41
Methacrylonitrile
Concen: 21.265 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	43.8	65.8	
67	82.0	66.6	100.0	
52	32.3	24.5	36.7	

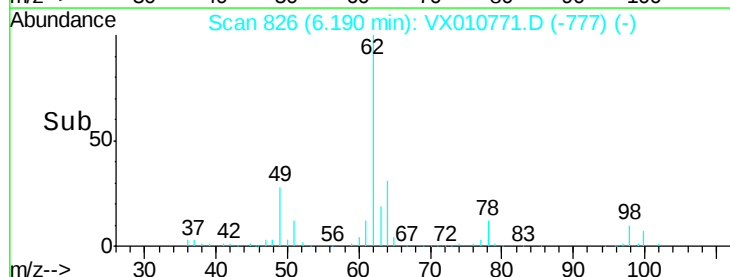
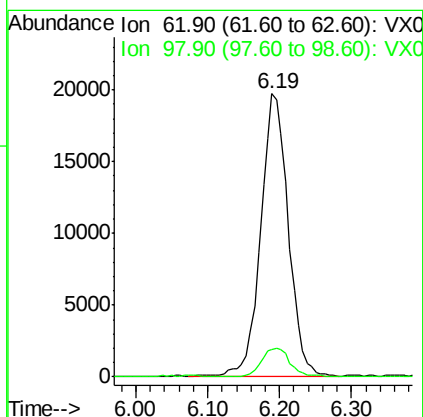
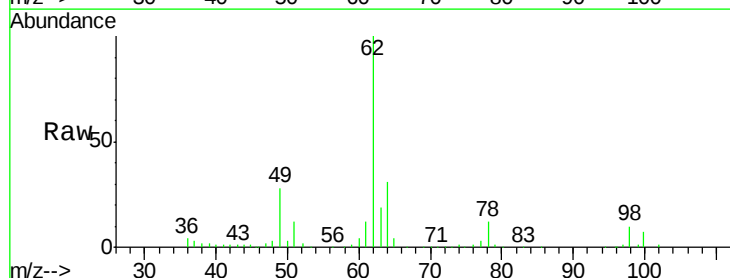
Manual Integrations
APPROVED

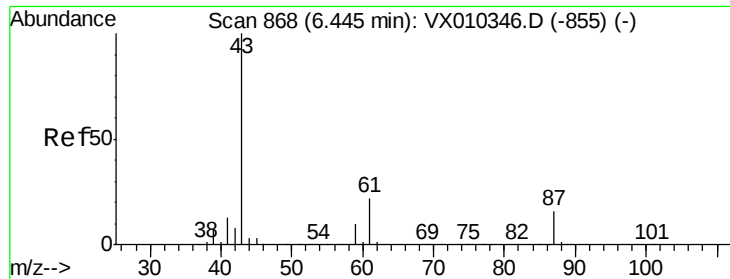
MMDadoda
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#42
1,2-Dichloroethane
Concen: 22.899 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	22.2	





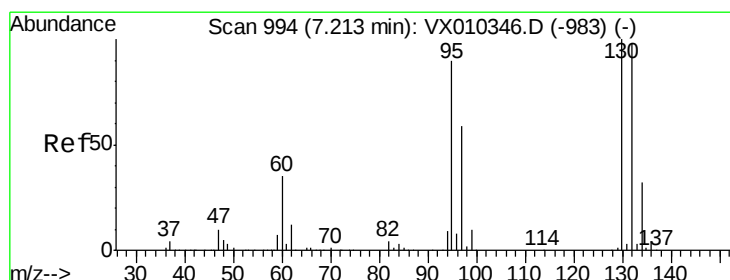
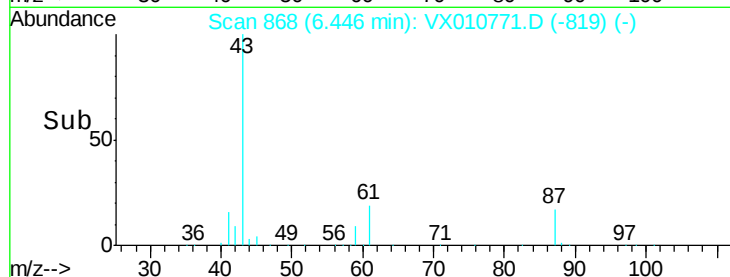
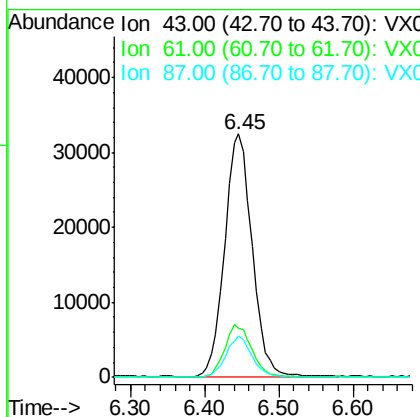
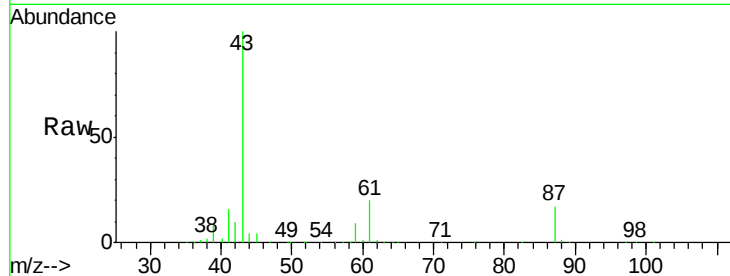
#43
Isopropyl Acetate
Concen: 20.120 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.8	26.6
87	16.2	13.0	19.4

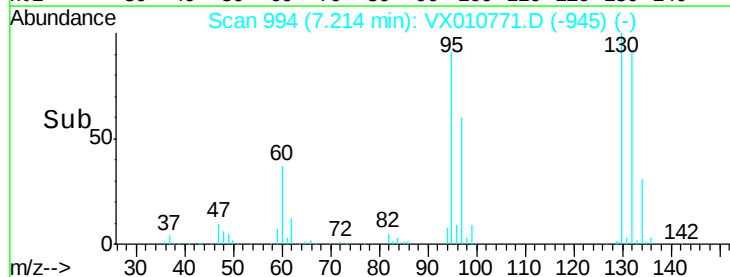
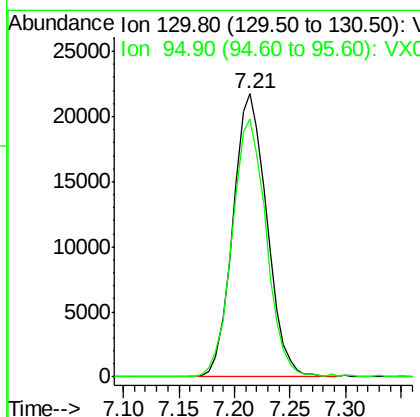
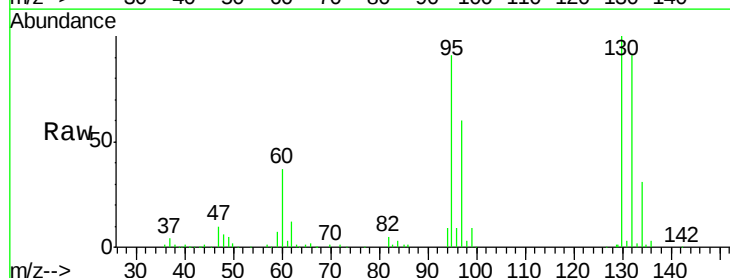
Manual Integrations
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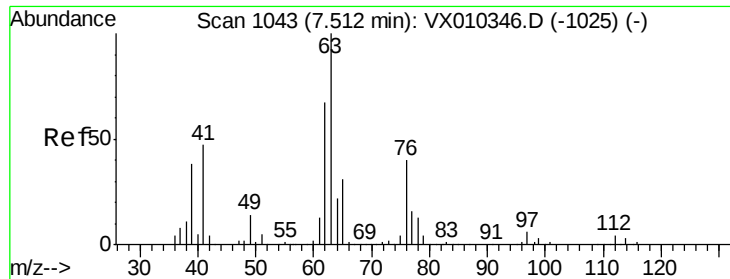
MMDadoda
7/11/2019 10:53:57 AM



#44
Trichloroethene
Concen: 20.259 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	180.8





#45

1,2-Dichloropropane

Concen: 20.575 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

ClientSampled :

VX0710WBS01

Tgt Ion: 63 Resp: 39381

Ion Ratio Lower Upper

63 100

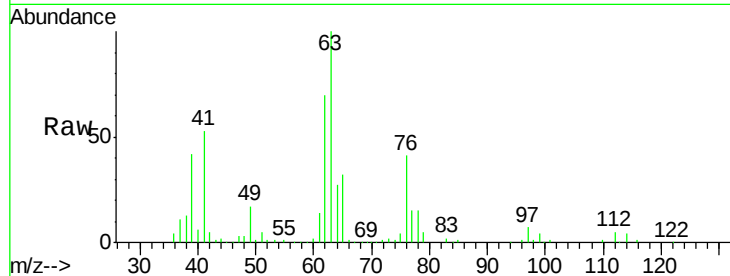
65 32.3 24.8 37.2

Manual Integrations

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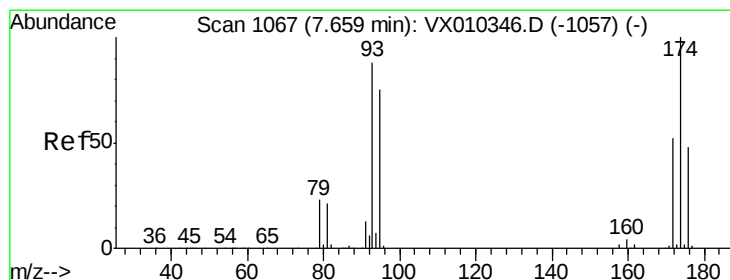
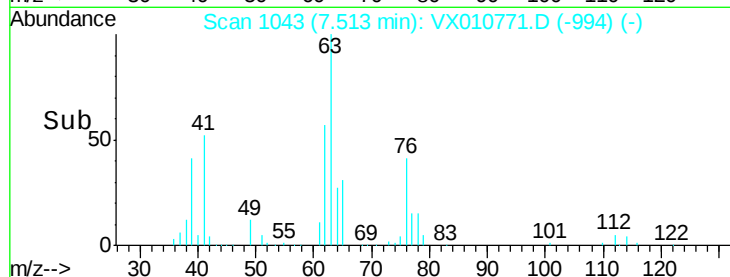
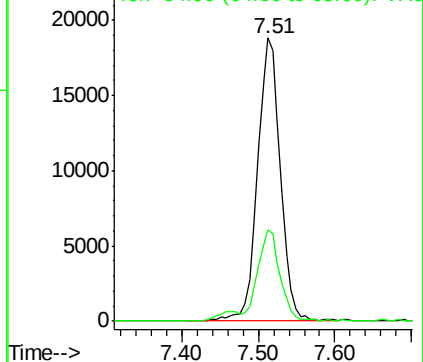
MMDadoda

7/11/2019 10:53:57 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.636 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

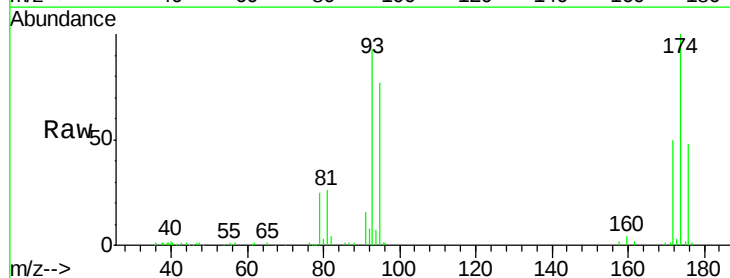
Tgt Ion: 93 Resp: 28338

Ion Ratio Lower Upper

93 100

95 84.2 67.5 101.3

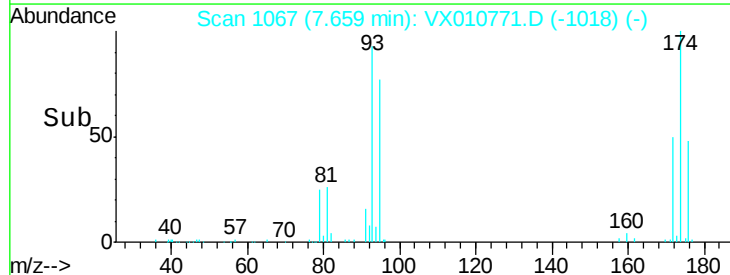
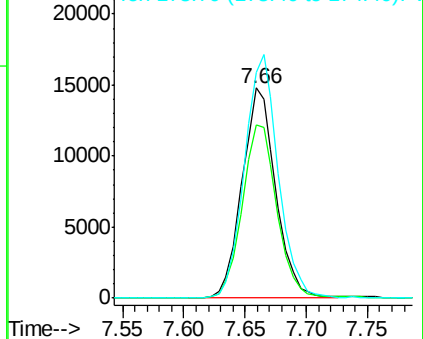
174 115.8 95.8 143.6

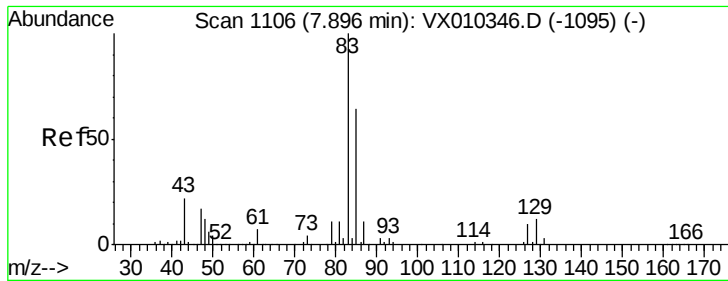


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.764 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

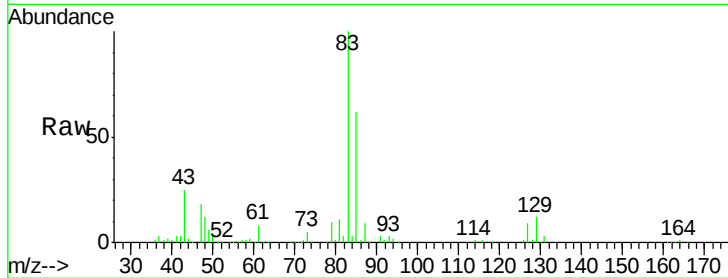
ClientSampleId :

VX0710WBS01

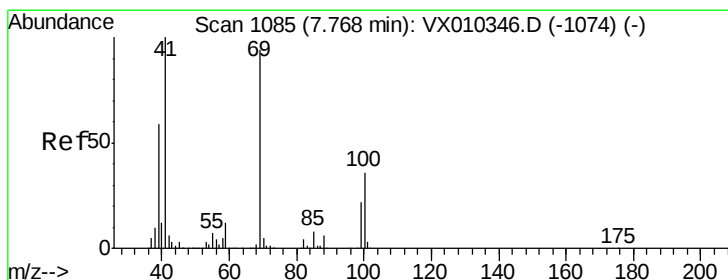
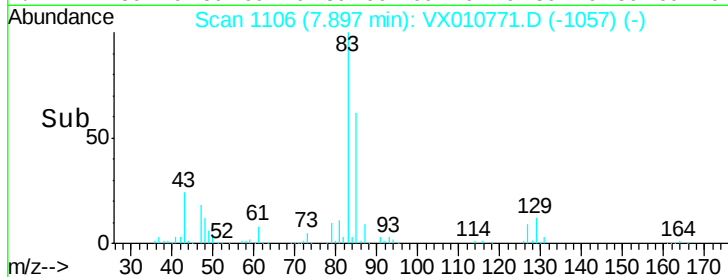
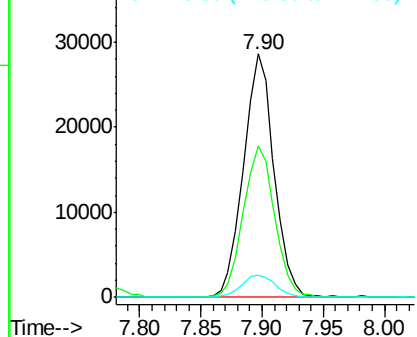
Tgt Ion:	83	Resp:	49739
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.5	77.3
127	9.0	7.8	11.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.133 ug/l

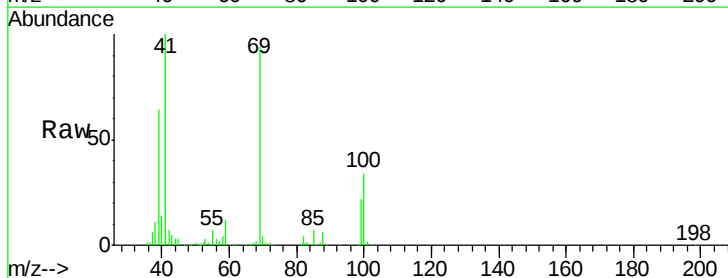
RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

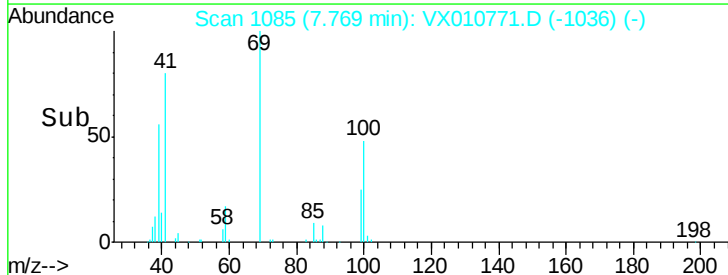
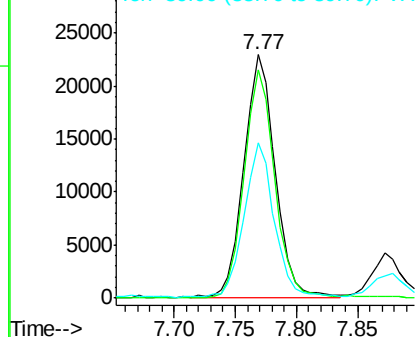
Lab File: VX010771.D

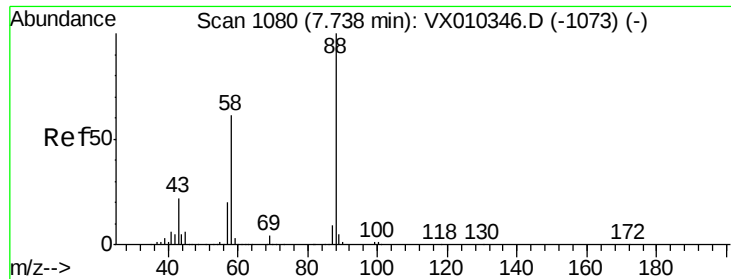
Acq: 10 Jul 2019 12:52

Tgt Ion:	41	Resp:	40674
Ion	Ratio	Lower	Upper
41	100		
69	92.4	76.1	114.1
39	60.8	47.6	71.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





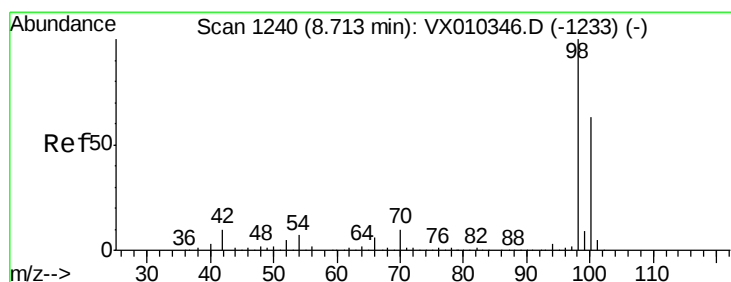
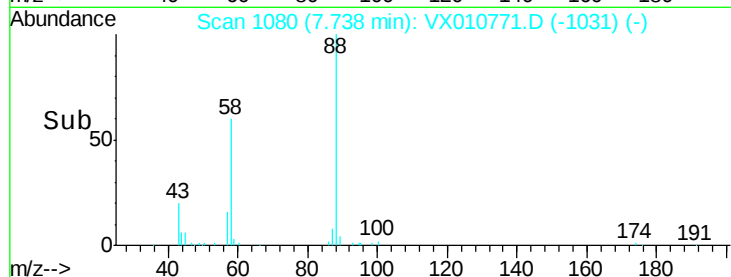
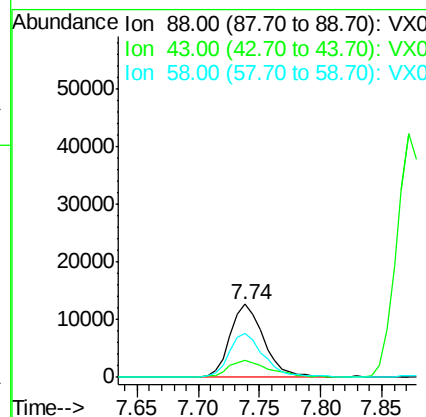
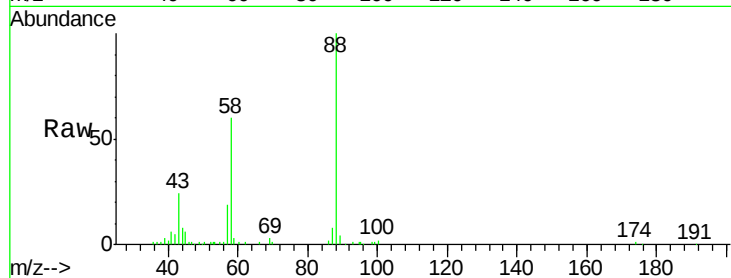
#49
1,4-Dioxane
Concen: 437.783 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.0	20.2	30.2
58	63.5	49.5	74.3

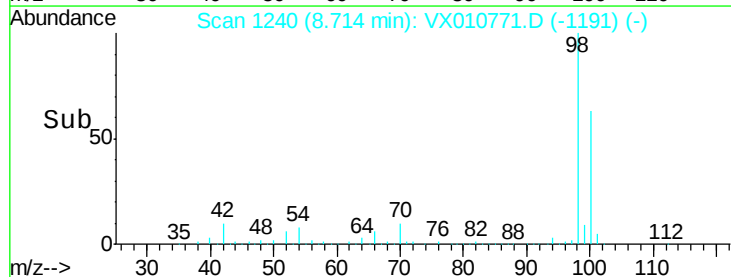
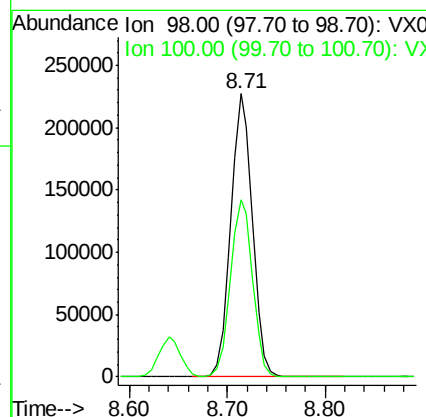
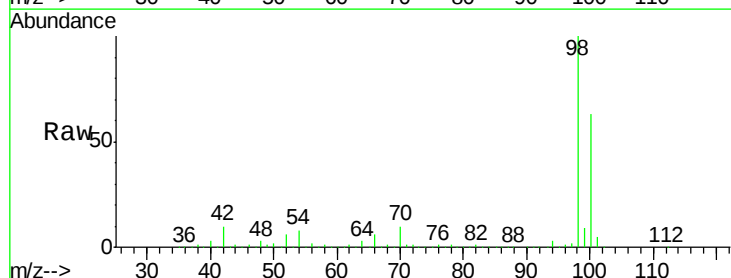
Manual Integrations
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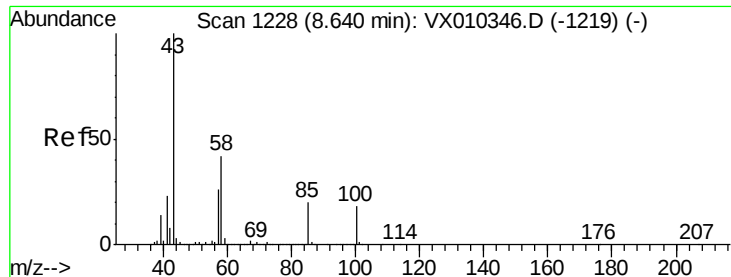
MMDadoda
7/11/2019 10:53:57 AM



#50
Toluene-d8
Concen: 48.429 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4





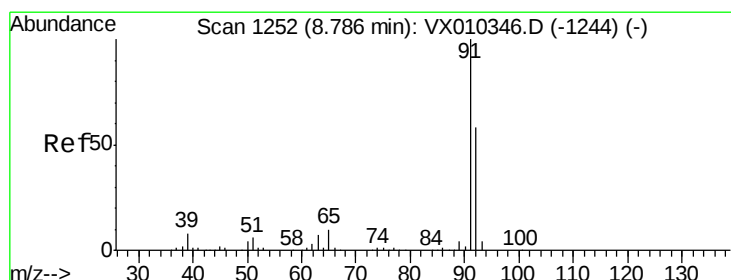
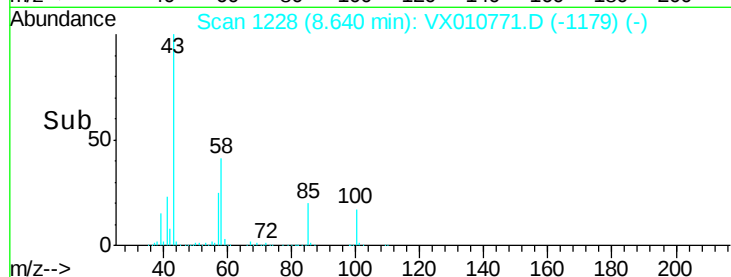
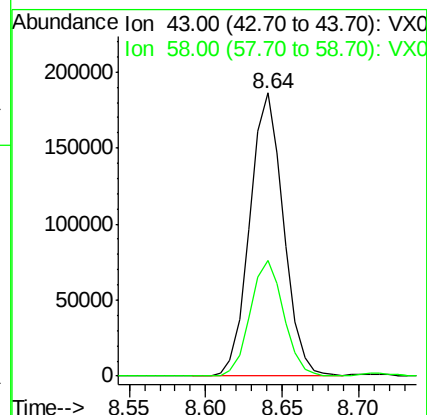
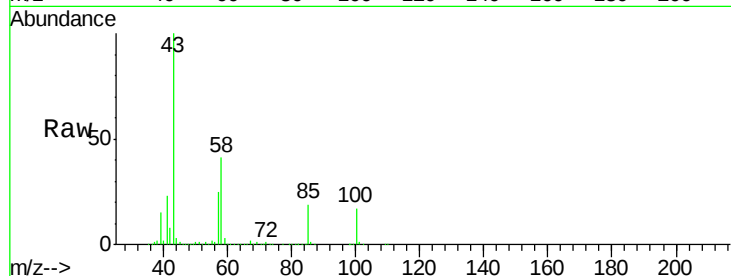
#51
 4-Methyl-2-Pentanone
 Concen: 107.679 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tgt Ion: 43 Resp: 285163
 Ion Ratio Lower Upper
 43 100
 58 40.7 33.5 50.3

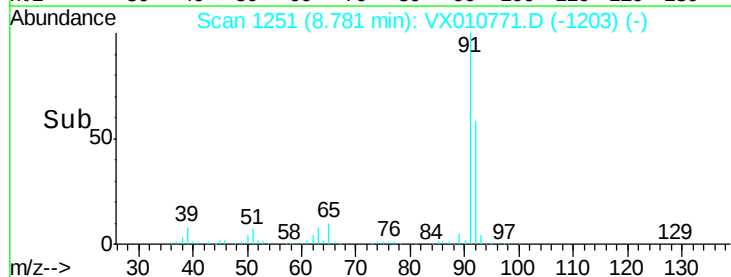
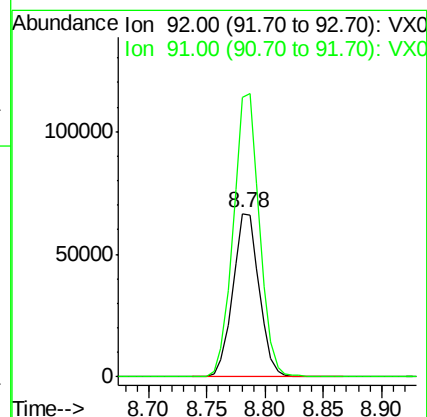
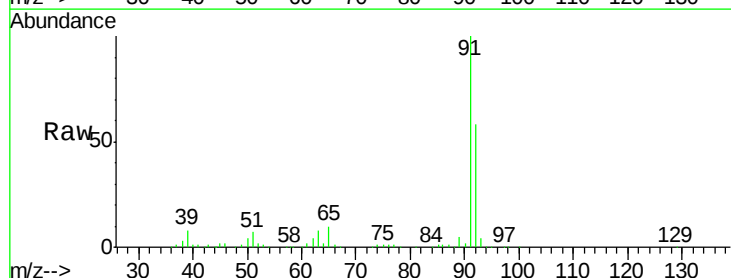
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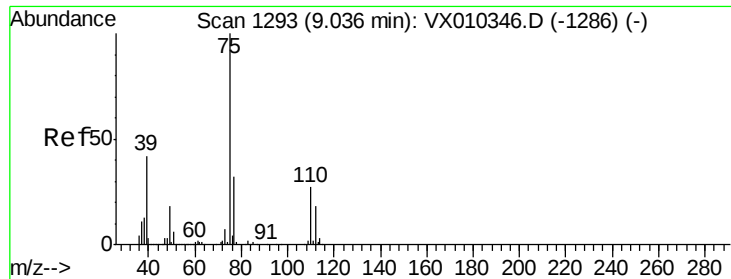
MMDadoda
 7/11/2019 10:53:57 AM



#52
 Toluene
 Concen: 20.914 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Tgt Ion: 92 Resp: 104386
 Ion Ratio Lower Upper
 92 100
 91 172.6 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 17.930 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tgt Ion: 75 Resp: 50588

Ion Ratio Lower Upper

75 100

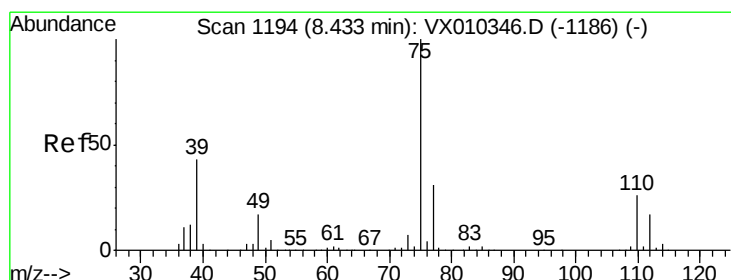
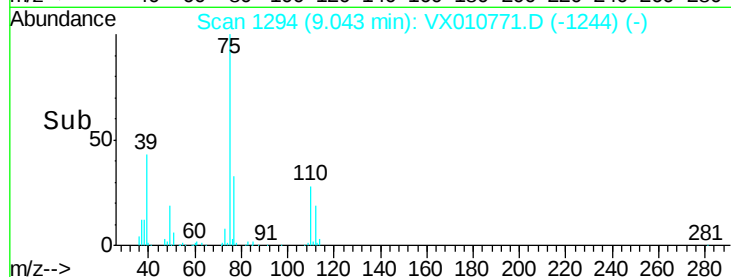
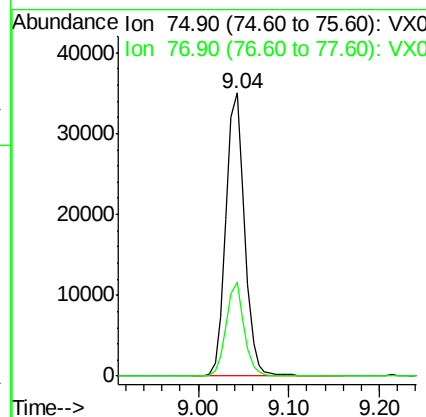
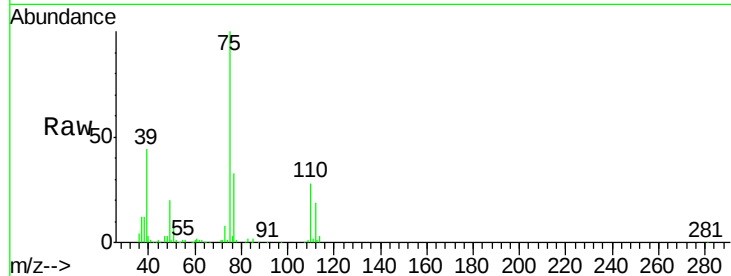
77 33.4 25.4 38.2

Manual Integrations

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7/11/2019 10:53:57 AM



#54

cis-1,3-Dichloropropene

Concen: 19.150 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

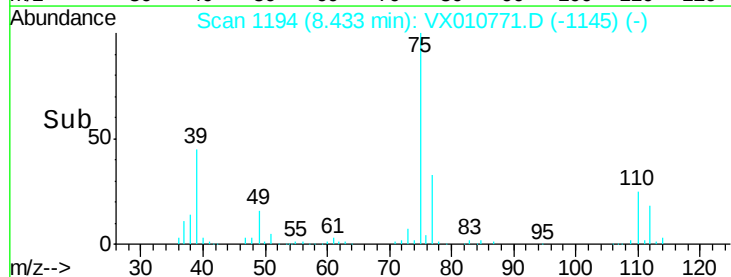
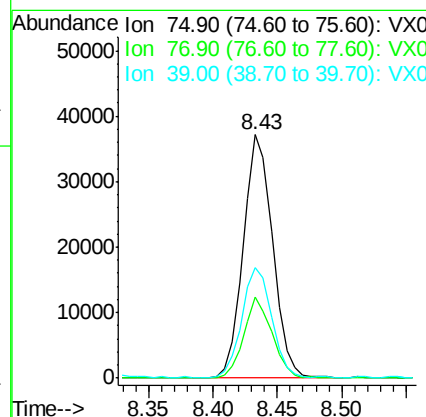
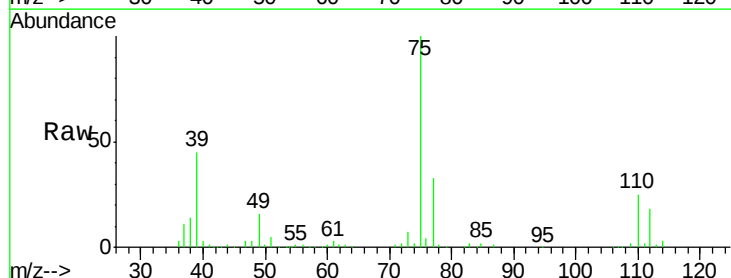
Tgt Ion: 75 Resp: 58717

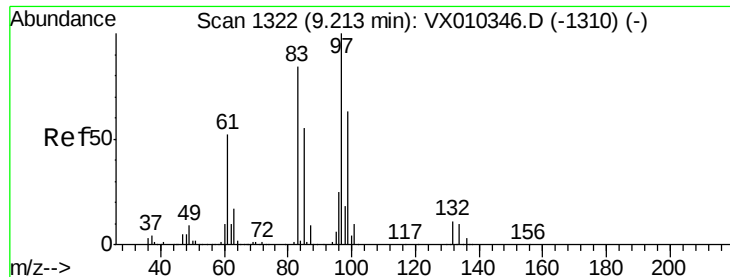
Ion Ratio Lower Upper

75 100

77 33.4 25.2 37.8

39 44.8 34.5 51.7





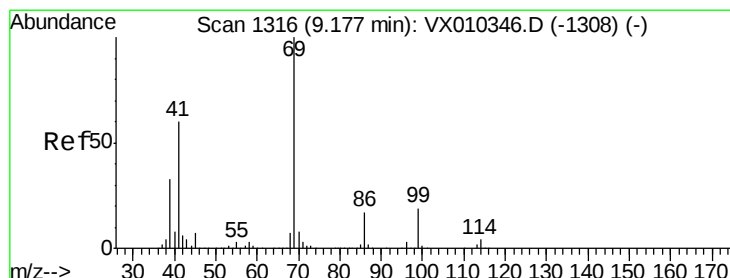
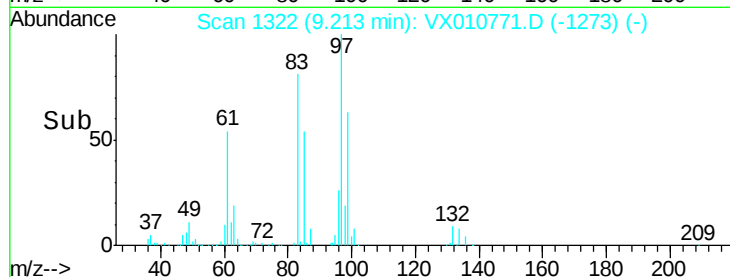
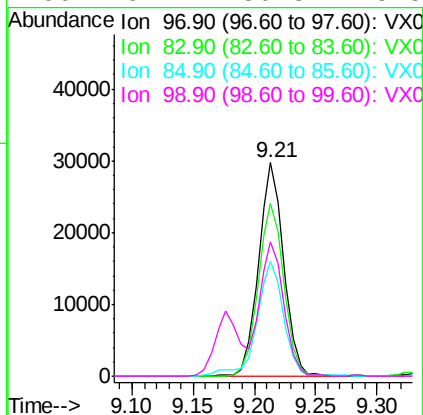
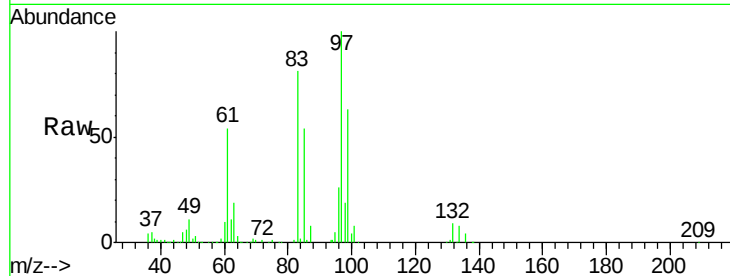
#55
 1,1,2-Trichloroethane
 Concen: 20.746 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	42706		
83	81.2	67.4	101.0	
85	53.8	43.8	65.8	
99	62.7	50.3	75.5	

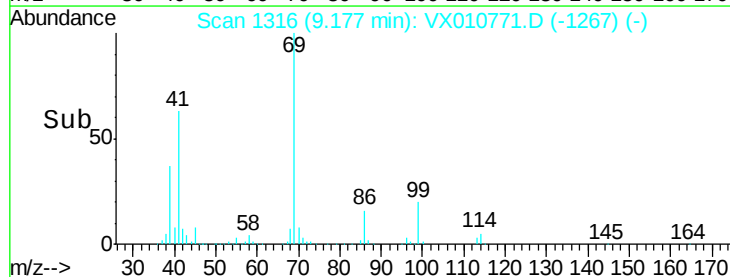
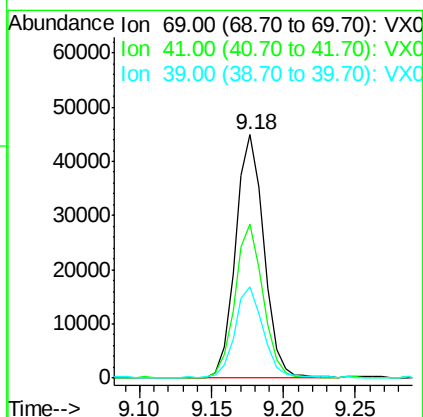
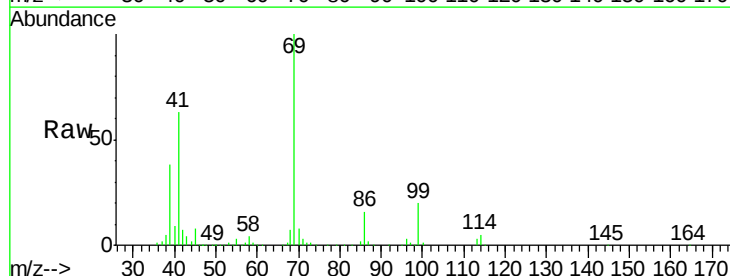
Manual Integrations
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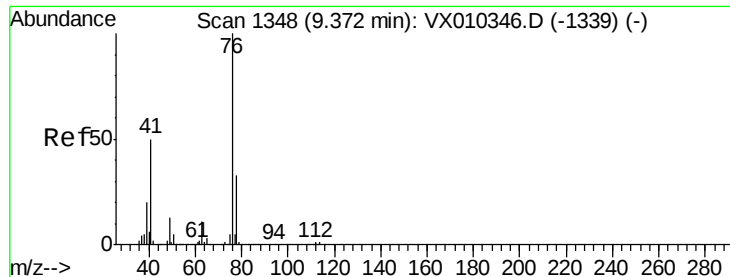
MMDadoda
 7/11/2019 10:53:57 AM



#56
 Ethyl methacrylate
 Concen: 19.864 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	61943		
41	61.9	47.1	70.7	
39	37.4	26.6	40.0	





#57

1,3-Dichloropropane

Concen: 21.303 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tgt Ion: 76 Resp: 68073

Ion Ratio Lower Upper

76 100

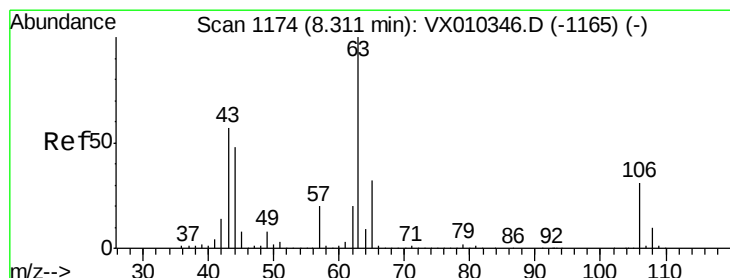
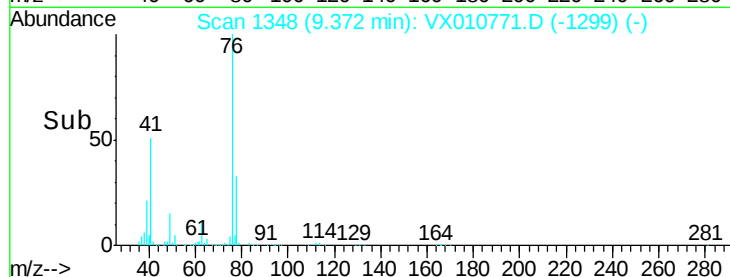
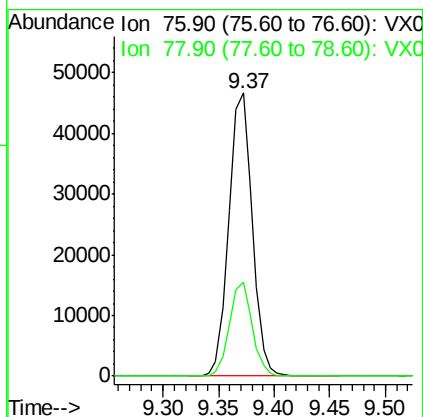
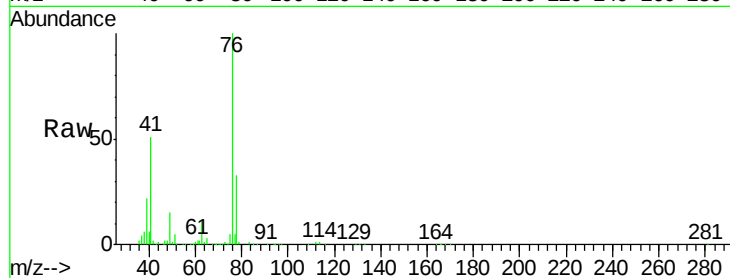
78 32.2 26.1 39.1

Manual Integrations

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7/11/2019 10:53:57 AM



#58

2-Chloroethyl Vinyl ether

Concen: 95.562 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010771.D

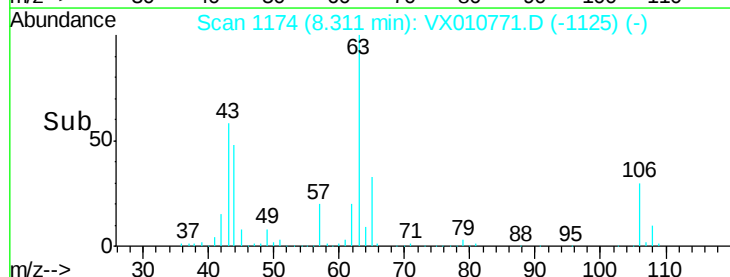
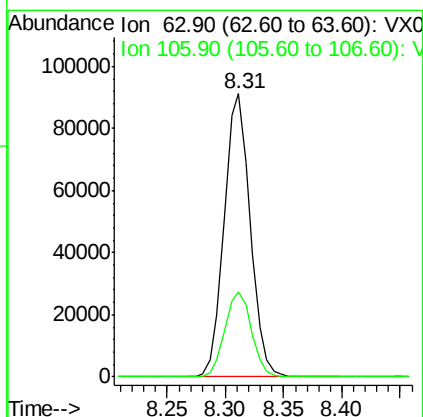
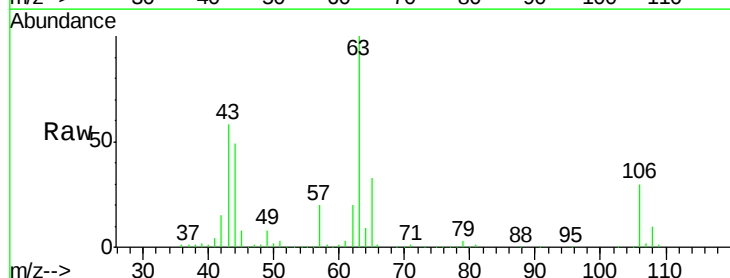
Acq: 10 Jul 2019 12:52

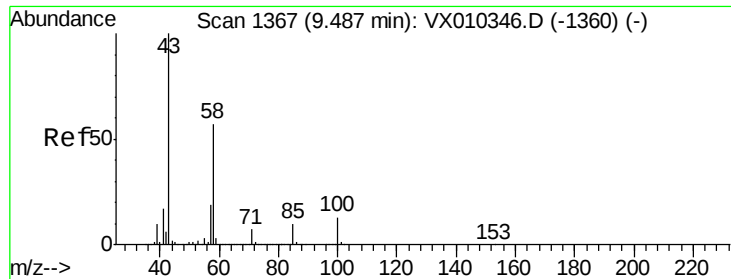
Tgt Ion: 63 Resp: 141526

Ion Ratio Lower Upper

63 100

106 30.7 24.7 37.1





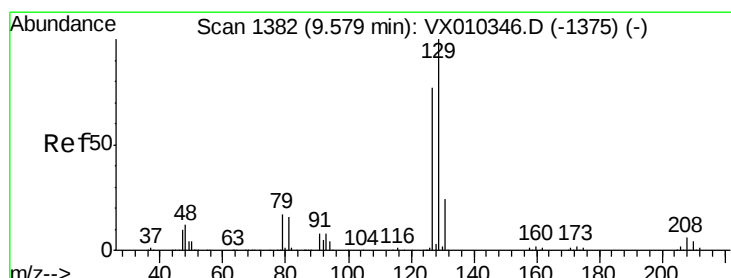
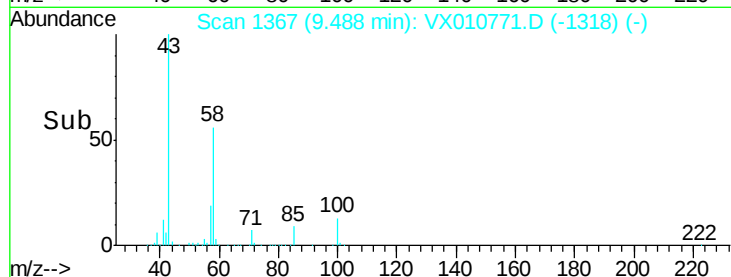
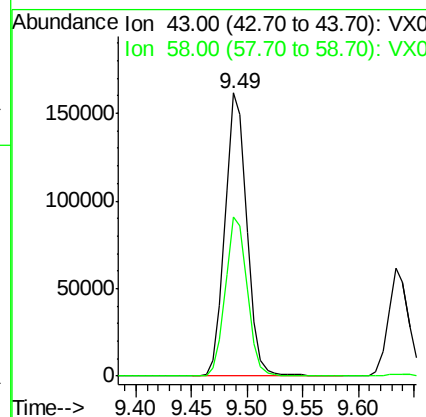
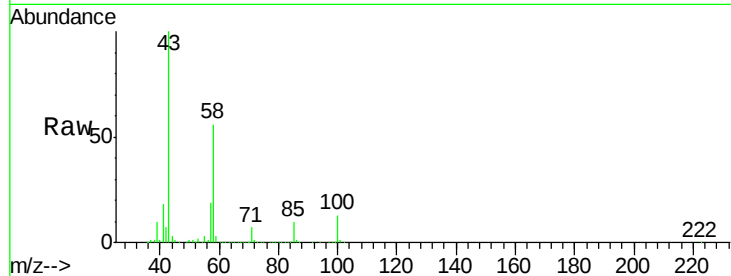
#59
2-Hexanone
Concen: 105.178 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion: 43 Resp: 219222
Ion Ratio Lower Upper
43 100
58 56.7 29.0 87.1

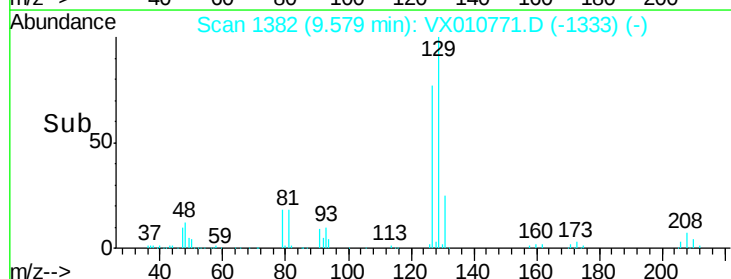
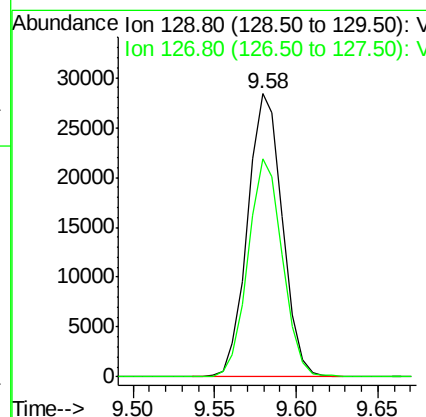
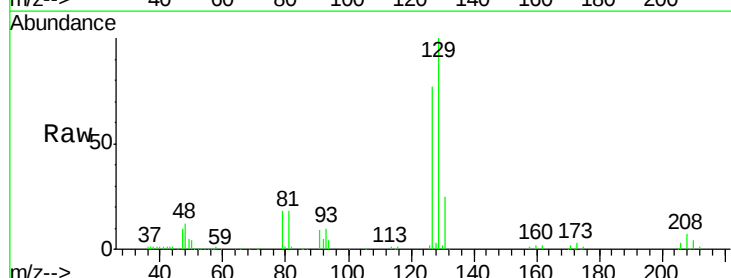
Manual Integrations
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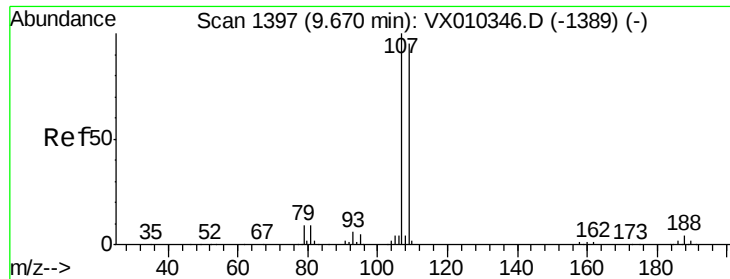
MMDadoda
7/11/2019 10:53:57 AM



#60
Dibromochloromethane
Concen: 18.255 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion: 129 Resp: 42074
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.1





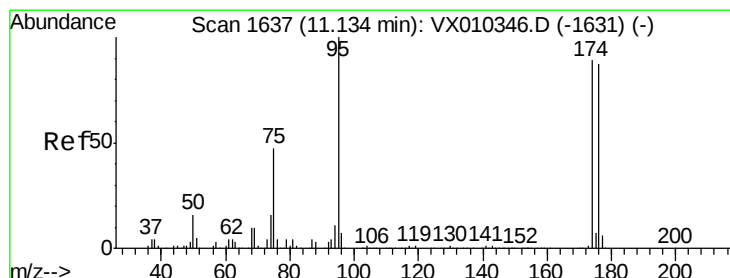
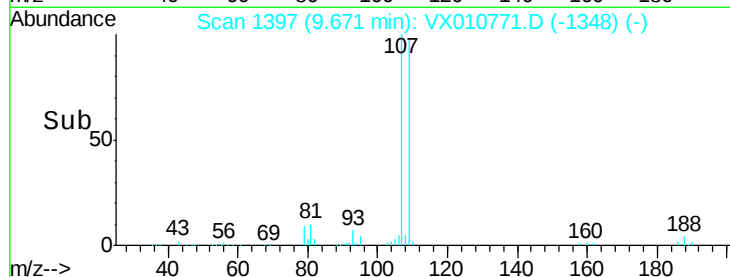
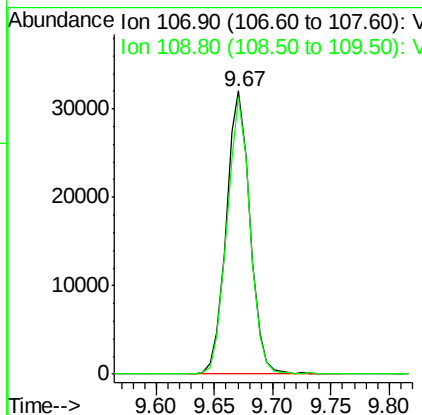
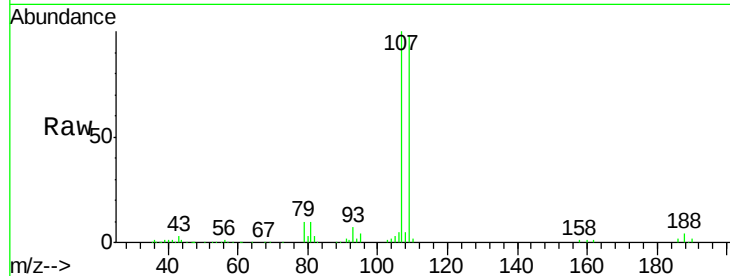
#61
 1,2-Dibromoethane
 Concen: 20.331 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tgt Ion: 107 Resp: 45173
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.8 113.6

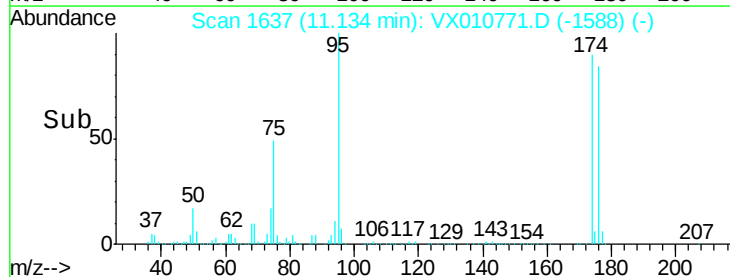
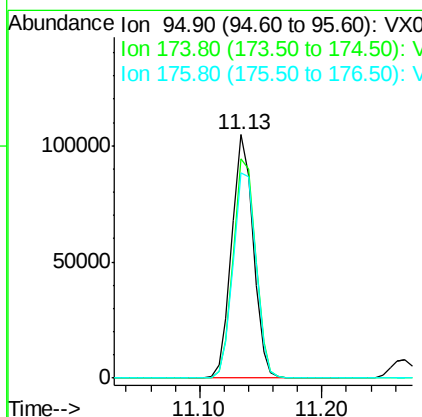
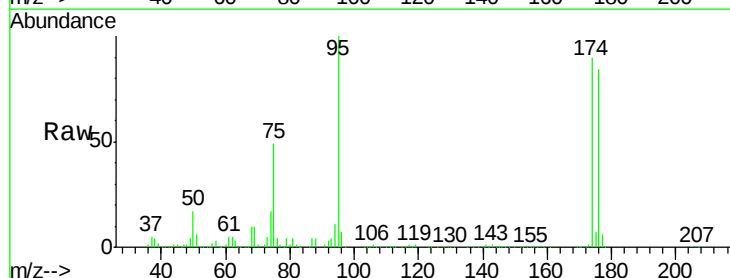
Manual Integrations
 APPROVED

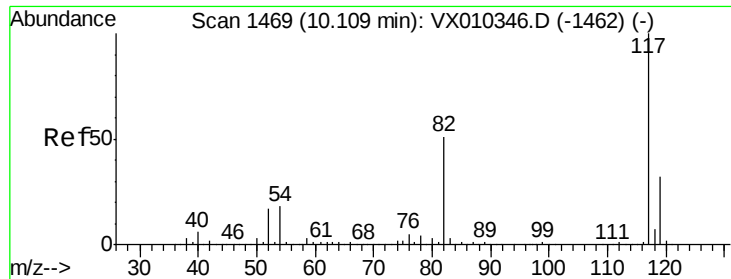
MMDadoda
 7/11/2019 10:53:57 AM



#62
 4-Bromofluorobenzene
 Concen: 48.989 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Tgt Ion: 95 Resp: 126743
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 187.6
 176 89.9 0.0 184.0





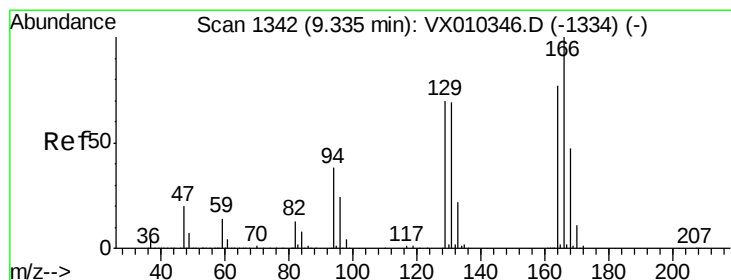
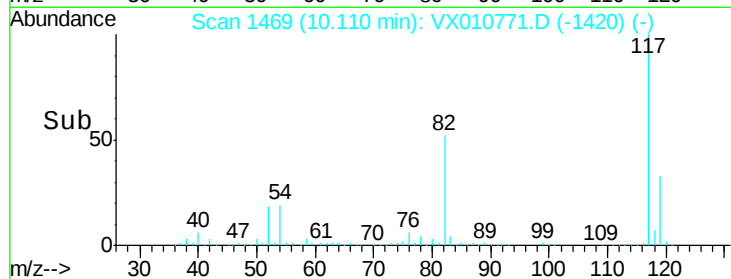
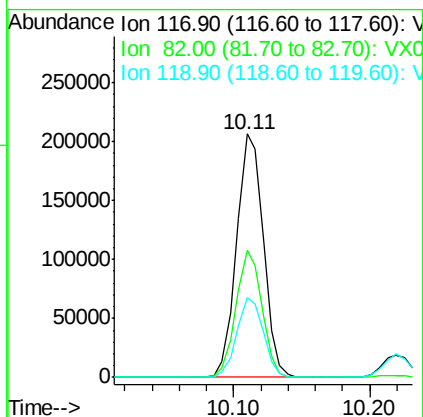
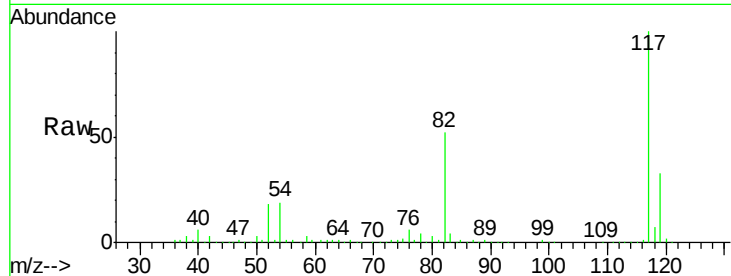
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	282677		
82	52.3	41.2	61.8	
119	32.7	25.5	38.3	

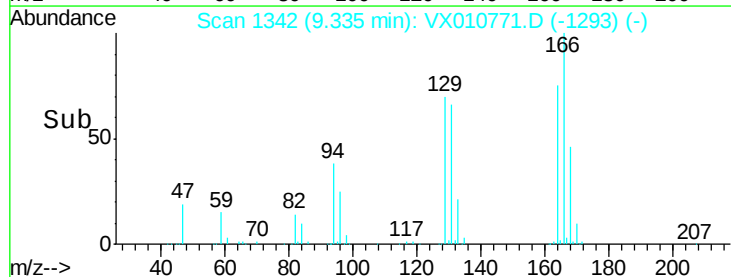
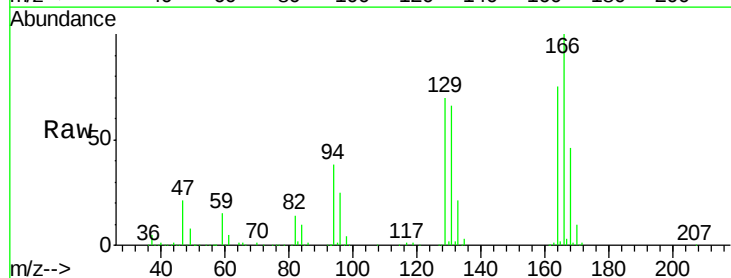
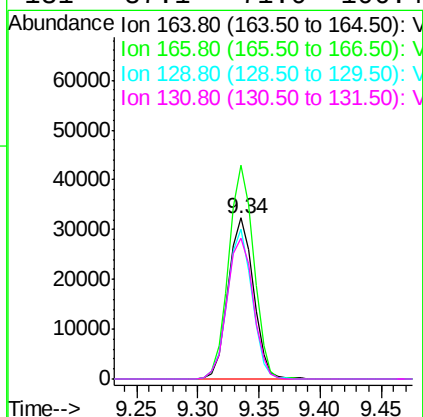
Manual Integrations
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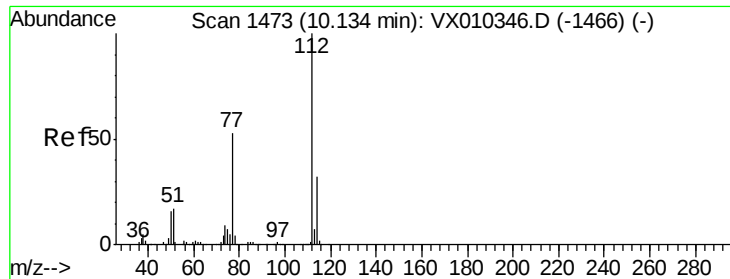
MMDadoda
7/11/2019 10:53:57 AM



#64
Tetrachloroethene
Concen: 20.268 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46341		
166	132.7	103.6	155.4	
129	93.0	73.0	109.4	
131	87.1	71.0	106.4	





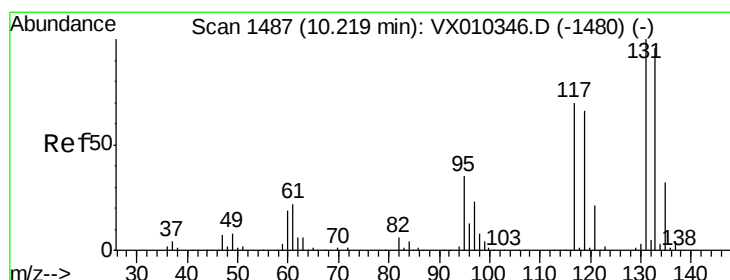
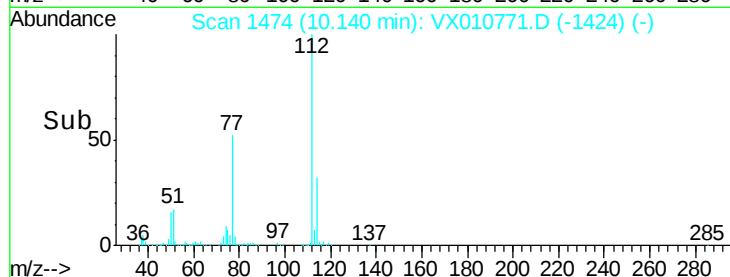
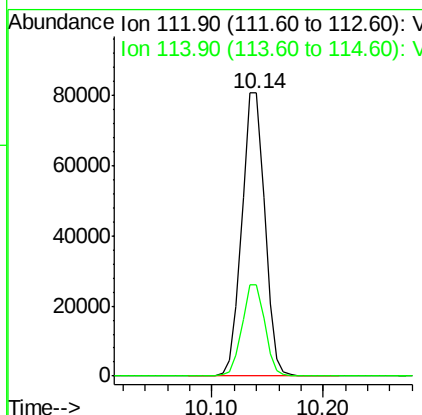
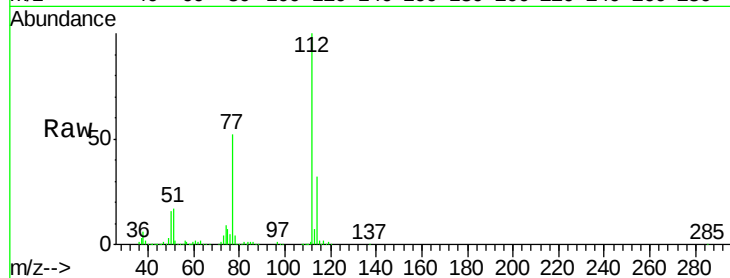
#65
Chlorobenzene
Concen: 20.197 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion:112 Resp: 115911
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

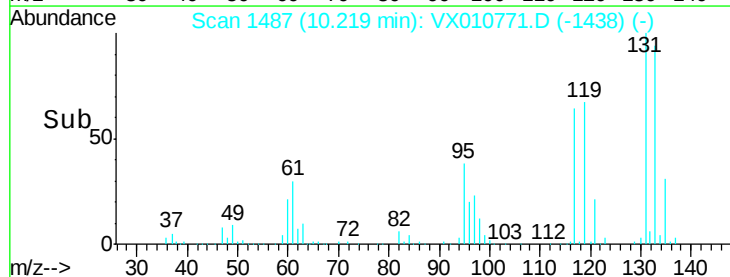
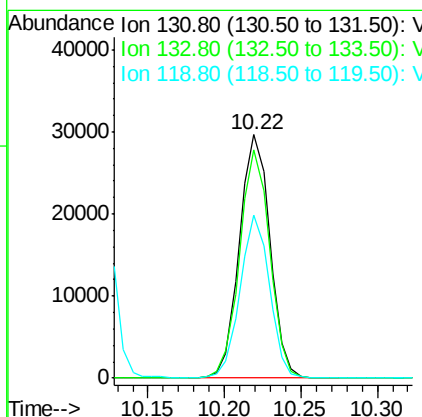
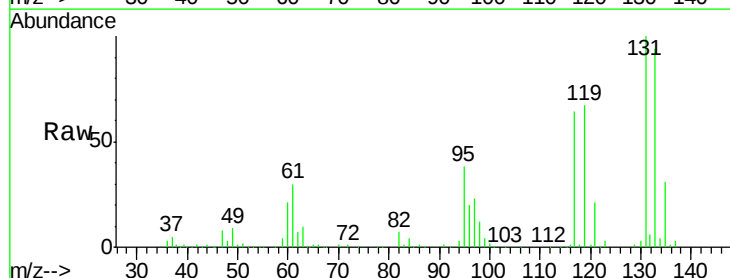
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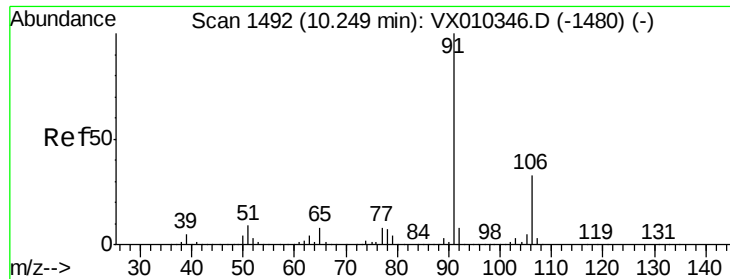
MMDadoda
7/11/2019 10:53:57 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.688 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion:131 Resp: 41155
Ion Ratio Lower Upper
131 100
133 92.3 47.7 143.1
119 63.9 32.6 97.7





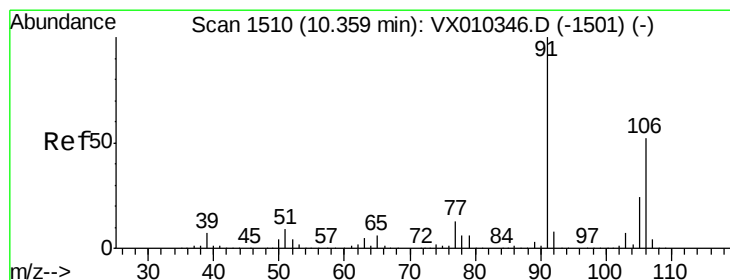
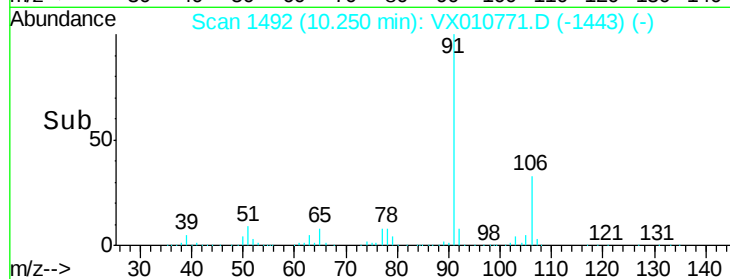
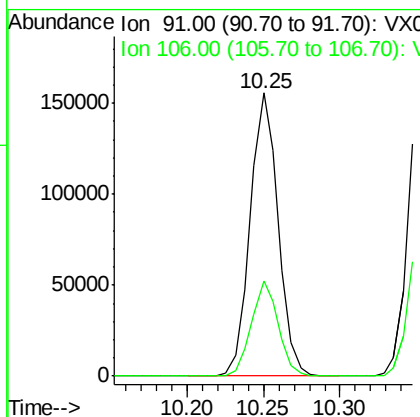
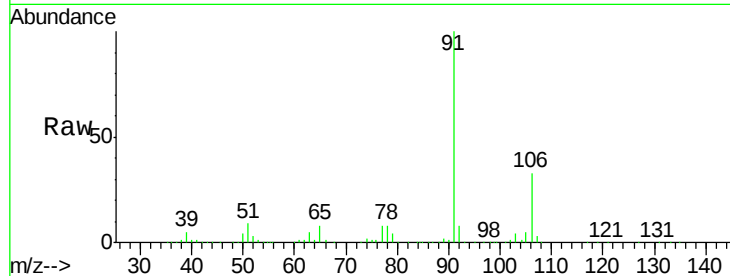
#67
Ethyl Benzene
Concen: 20.387 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampled :
VX0710WBS01

Tgt Ion: 91 Resp: 197520
Ion Ratio Lower Upper
91 100
106 33.5 26.2 39.2

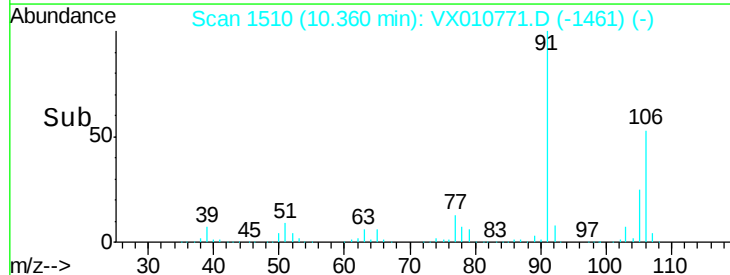
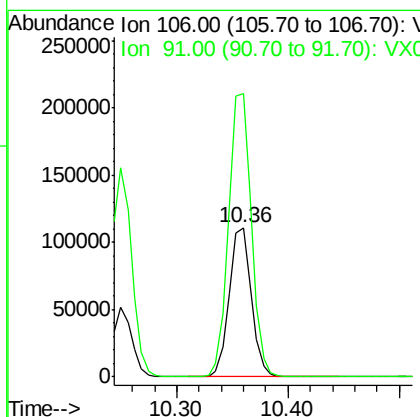
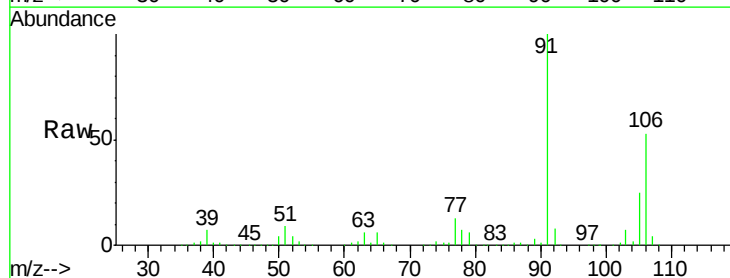
Manual Integrations
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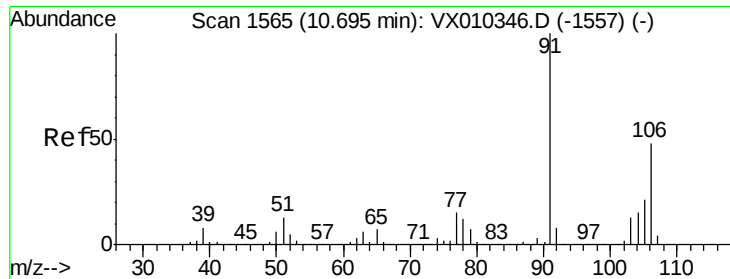
MMDadoda
7/11/2019 10:53:57 AM



#68
m/p-Xylenes
Concen: 40.709 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion: 106 Resp: 152823
Ion Ratio Lower Upper
106 100
91 194.9 155.3 232.9





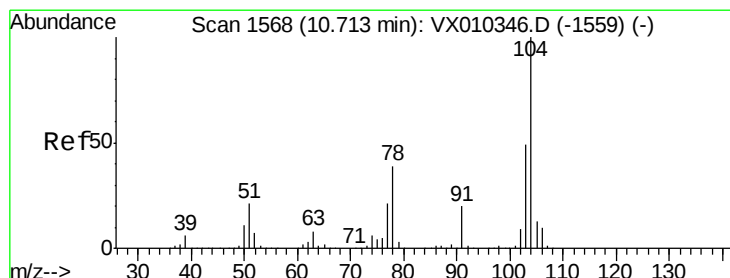
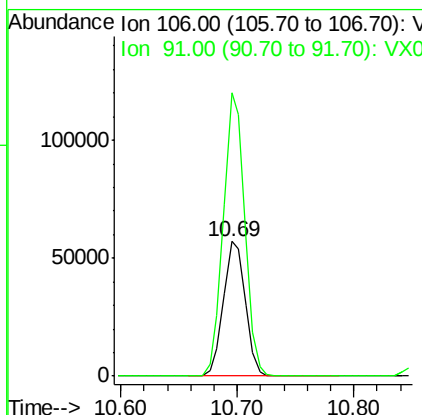
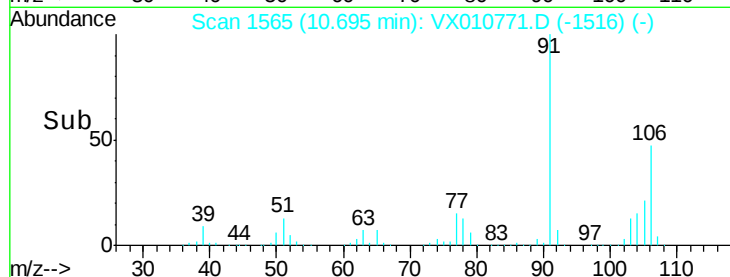
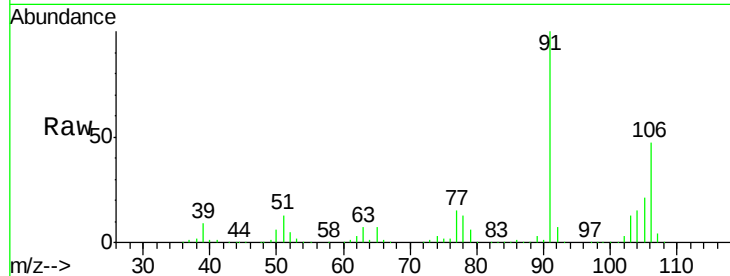
#69
o-Xylene
Concen: 20.128 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion:106 Resp: 74307
Ion Ratio Lower Upper
106 100
91 205.5 102.7 308.1

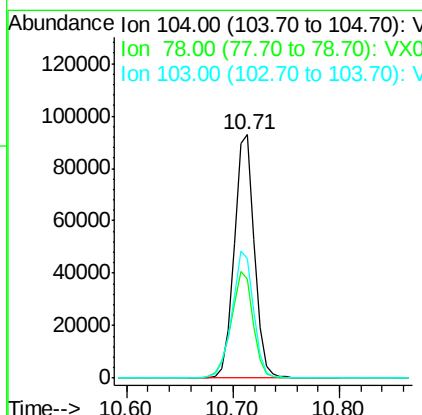
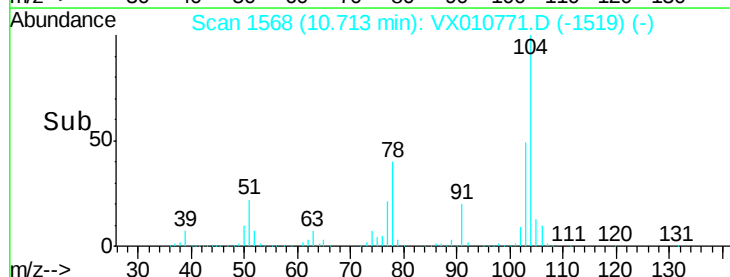
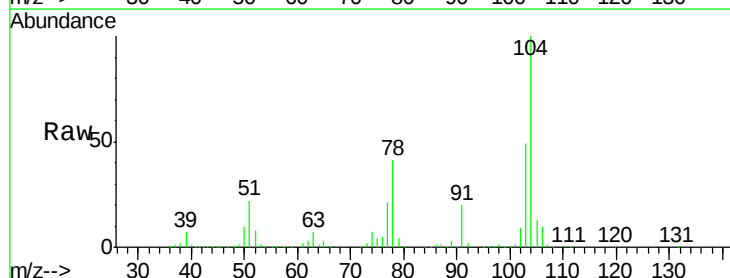
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7/11/2019 10:53:57 AM



#70
Styrene
Concen: 19.978 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion:104 Resp: 123688
Ion Ratio Lower Upper
104 100
78 47.7 36.2 54.2
103 55.5 44.2 66.4





#71

Bromoform

Concen: 16.497 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

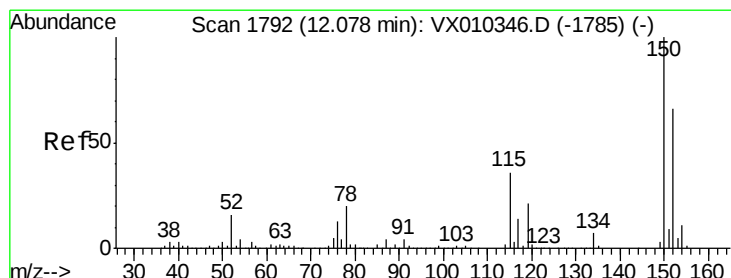
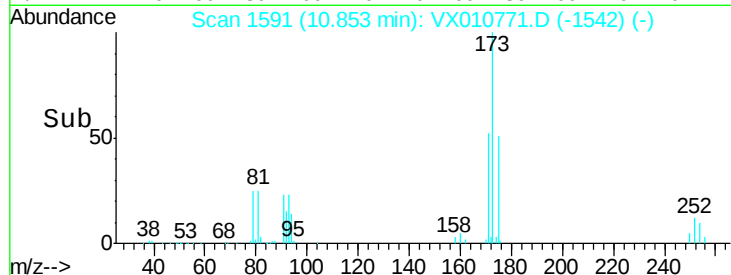
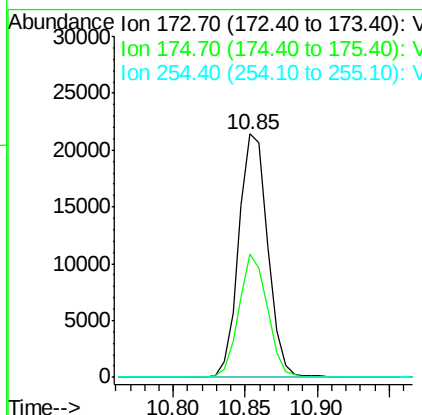
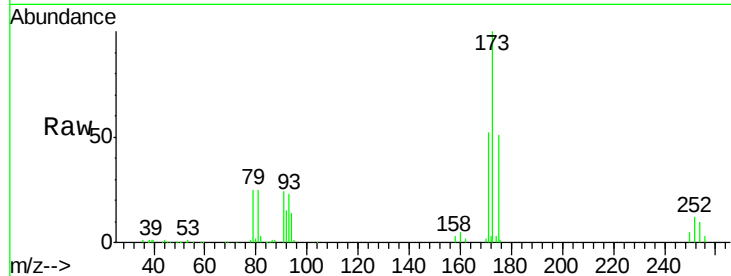
ClientSampleId :

VX0710WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	29990		
175	49.3	24.1	72.3	
254	0.0	0.2	0.2	

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7/11/2019 10:53:57 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

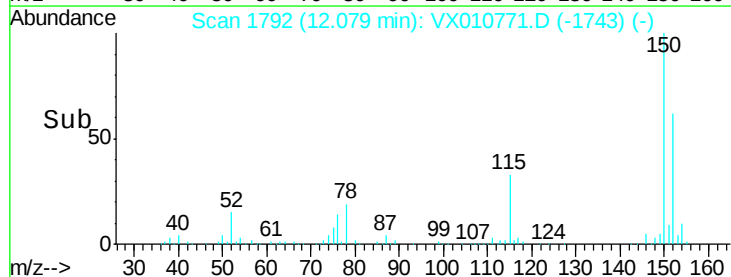
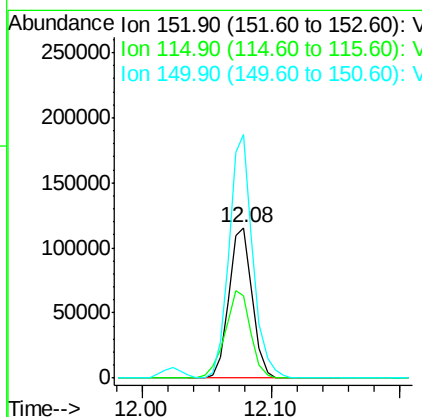
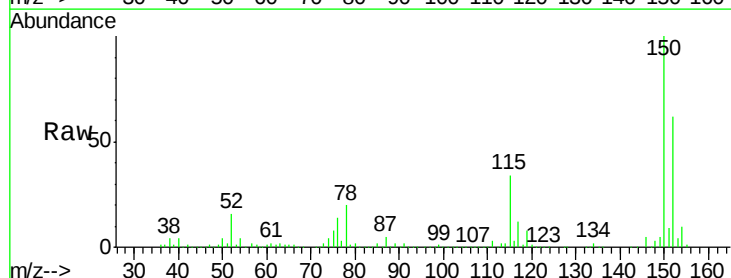
RT: 12.08 min Scan# 1792

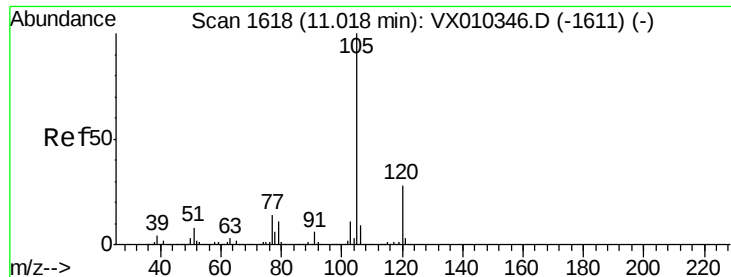
Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	145952		
115	63.9	38.6	115.7	
150	164.3	0.0	347.4	





#73

Isopropylbenzene

Concen: 19.945 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tgt Ion: 105 Resp: 197329

Ion Ratio Lower Upper

105 100

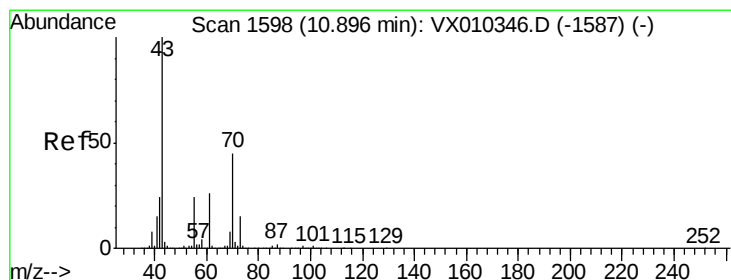
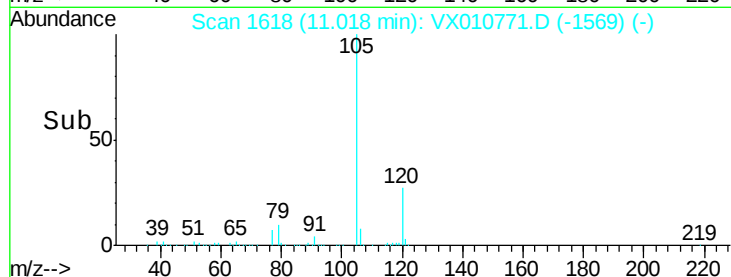
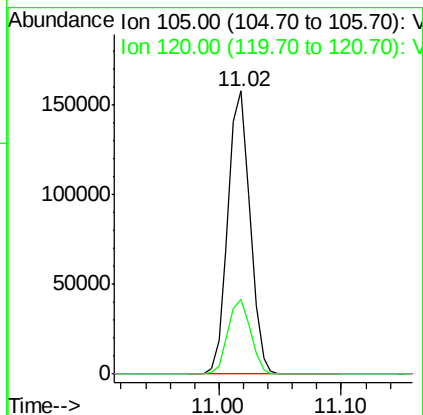
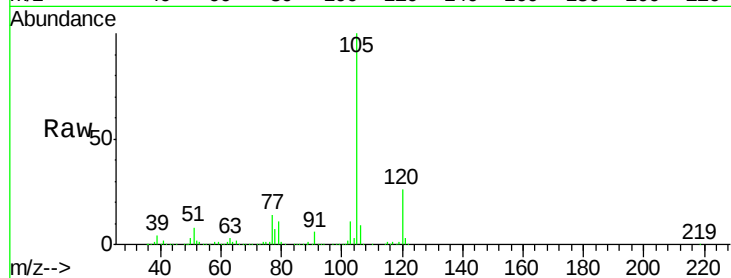
120 27.1 14.1 42.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.893 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Tgt Ion: 43 Resp: 74383

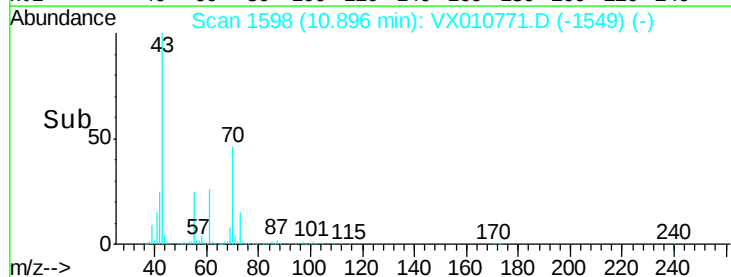
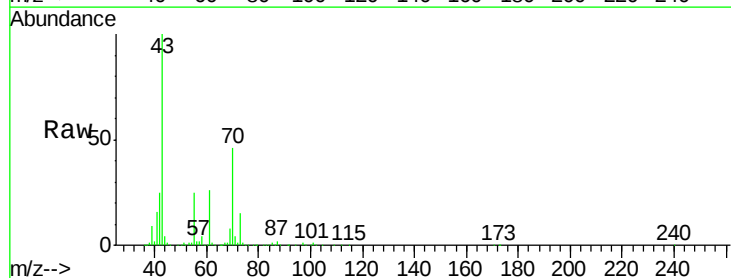
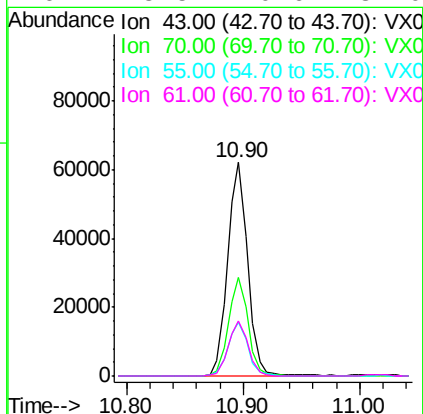
Ion Ratio Lower Upper

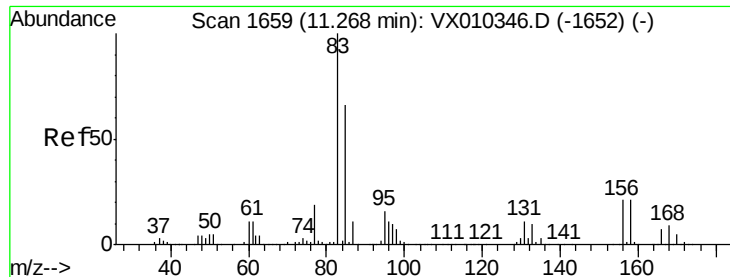
43 100

70 45.0 36.6 54.8

55 25.5 18.7 28.1

61 25.5 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.914 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

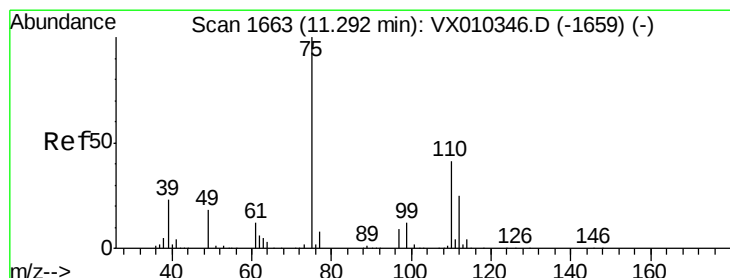
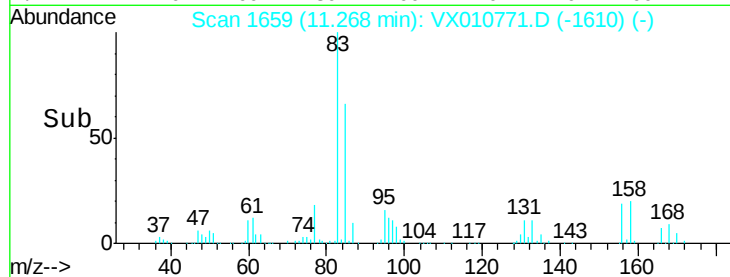
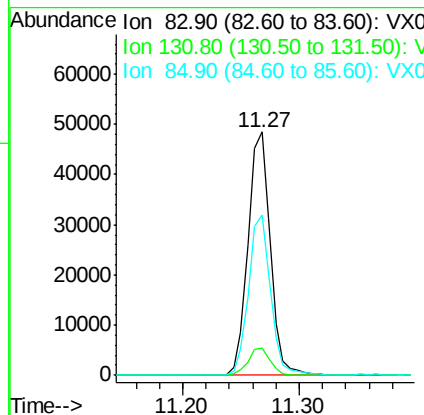
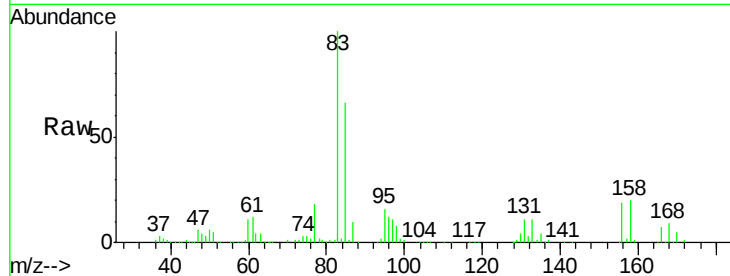
ClientSampleId :

VX0710WBS01

Tgt Ion:	83	Resp:	65248
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	65.2	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 19.945 ug/l m

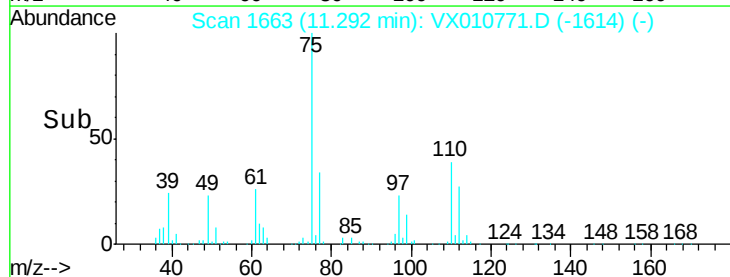
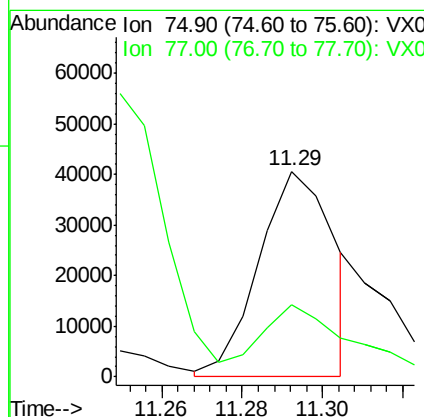
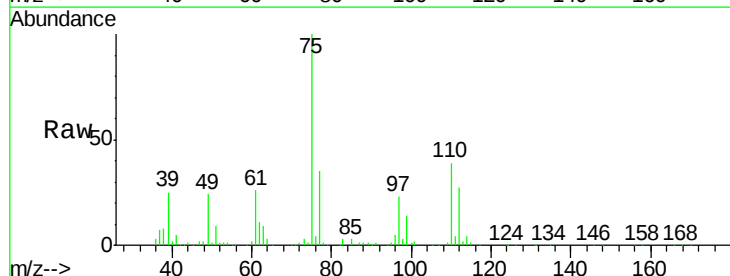
RT: 11.29 min Scan# 1663

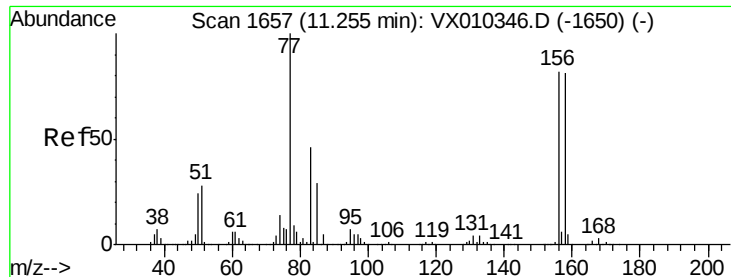
Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Tgt Ion:	75	Resp:	53045
Ion	Ratio	Lower	Upper
75	100		
77	43.1	22.6	67.8





#77

Bromobenzene

Concen: 19.466 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tgt Ion:156 Resp: 53776

Ion Ratio Lower Upper

156 100

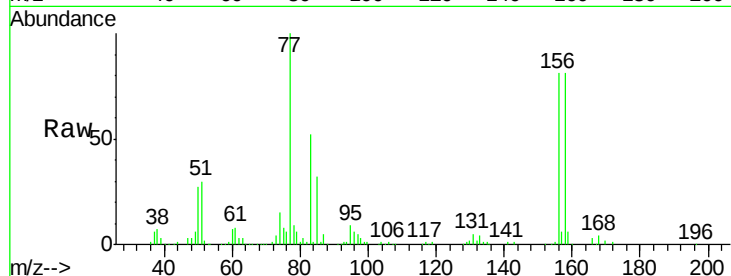
77 134.8 66.3 198.7

158 97.8 48.9 146.7

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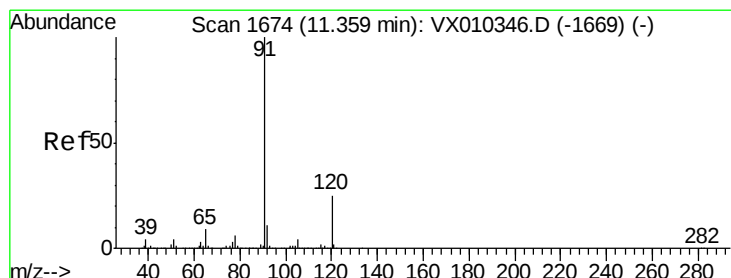
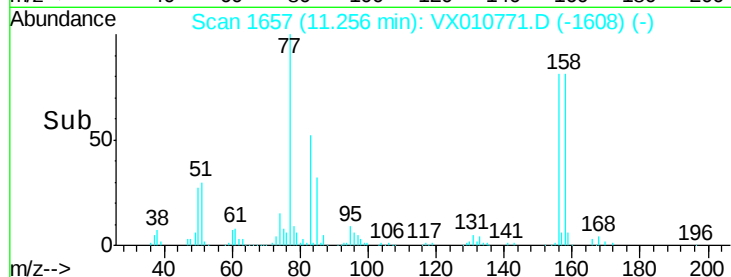
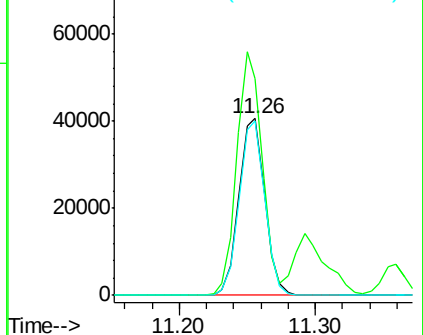
7/11/2019 10:53:57 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.159 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010771.D

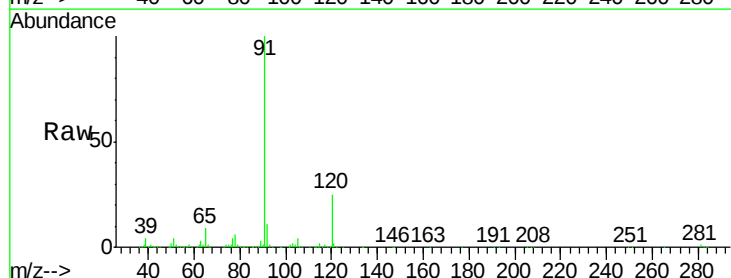
Acq: 10 Jul 2019 12:52

Tgt Ion: 91 Resp: 219203

Ion Ratio Lower Upper

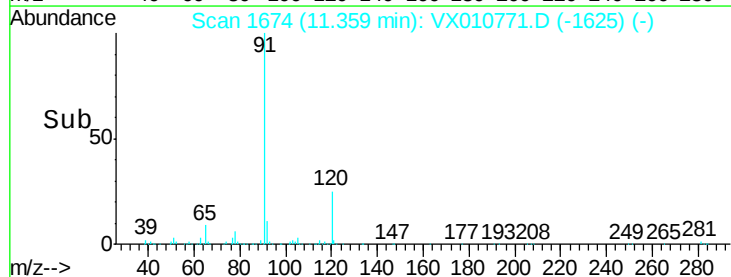
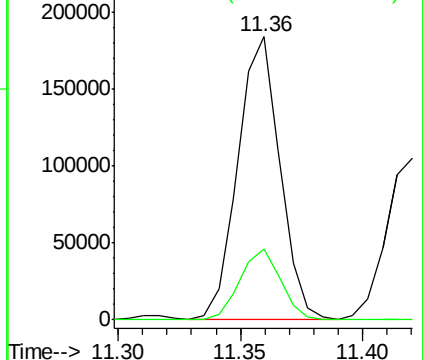
91 100

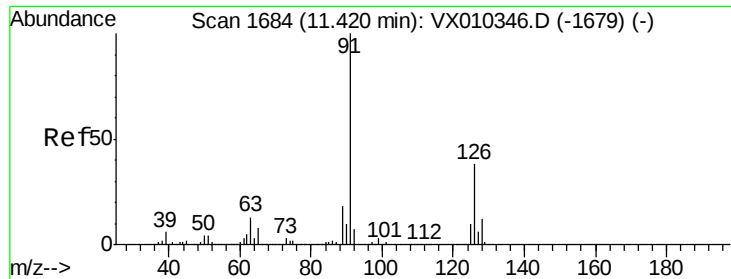
120 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.986 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

ClientSampled :

VX0710WBS01

Tgt Ion: 91 Resp: 129409

Ion Ratio Lower Upper

91 100

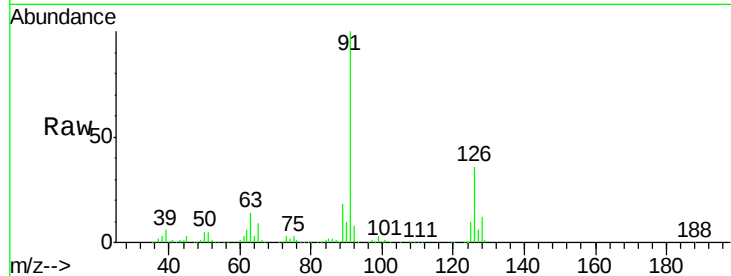
126 36.9 18.7 56.1

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

200000

150000

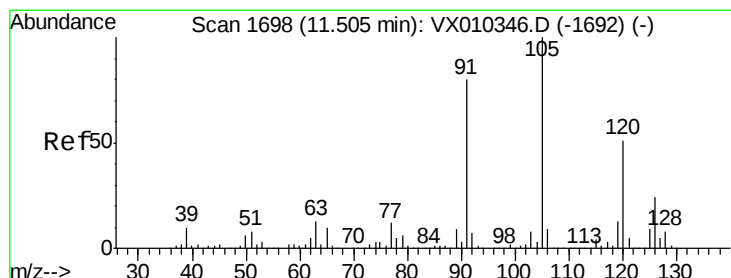
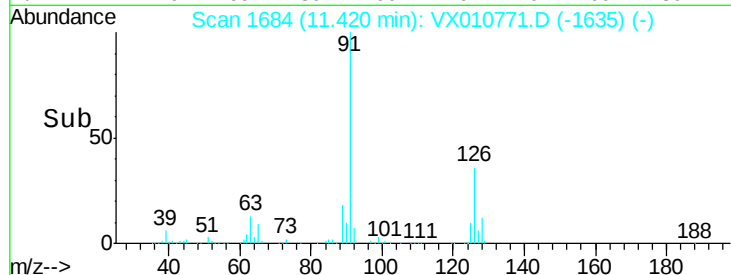
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.212 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010771.D

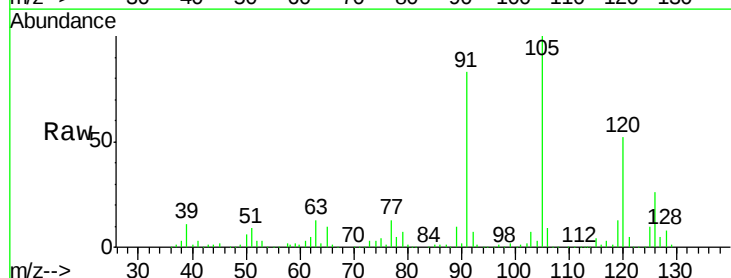
Acq: 10 Jul 2019 12:52

Tgt Ion: 105 Resp: 164852

Ion Ratio Lower Upper

105 100

120 51.0 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

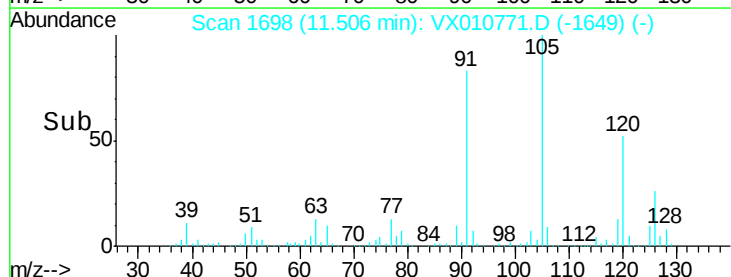
100000

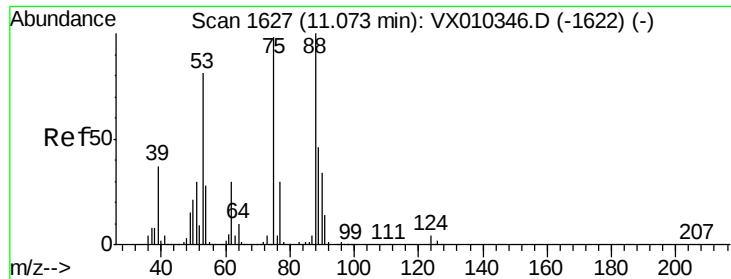
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 14.259 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

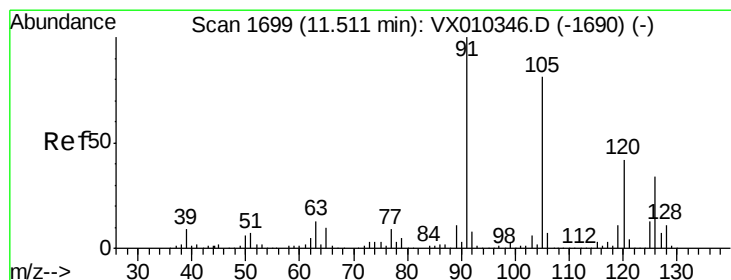
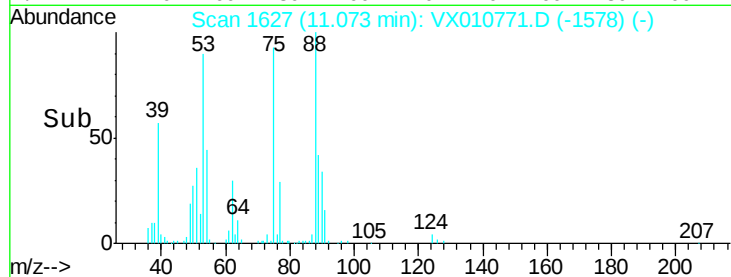
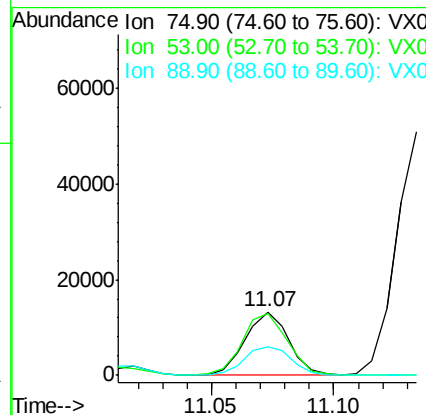
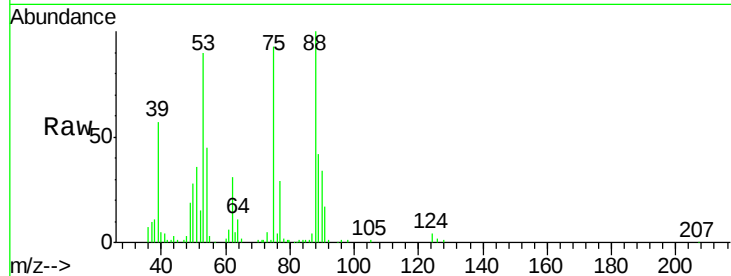
ClientSampleId :

VX0710WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.4	66.1	99.1#
89	49.2	37.8	56.6

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#82

4-Chlorotoluene

Concen: 20.168 ug/l

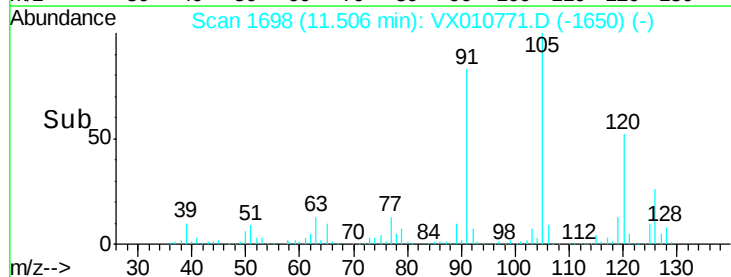
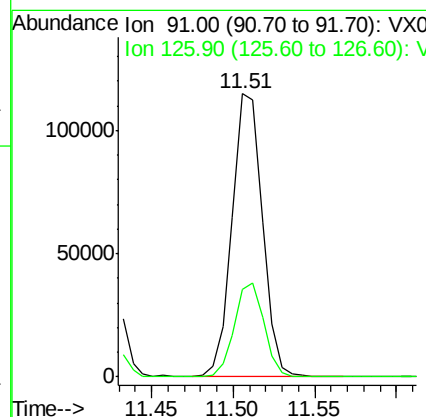
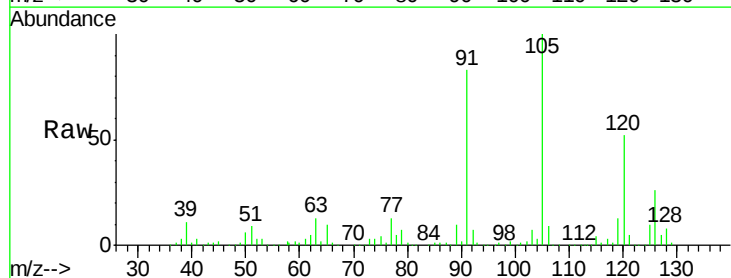
RT: 11.51 min Scan# 1698

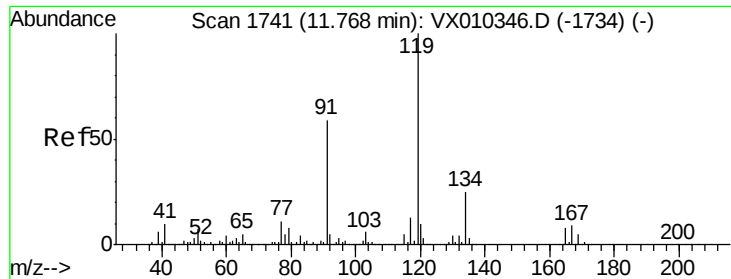
Delta R.T. -0.01 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.6





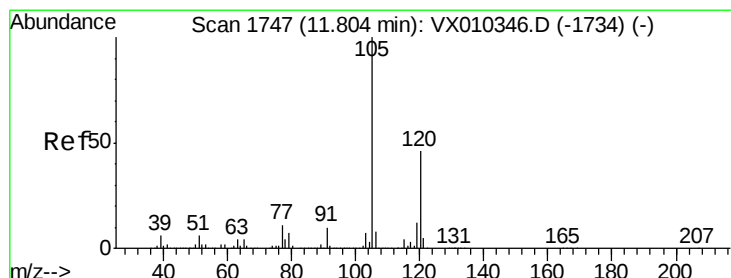
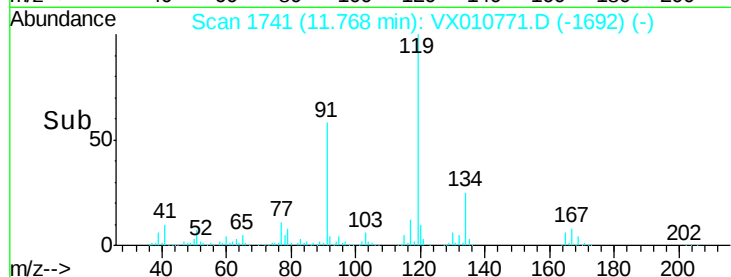
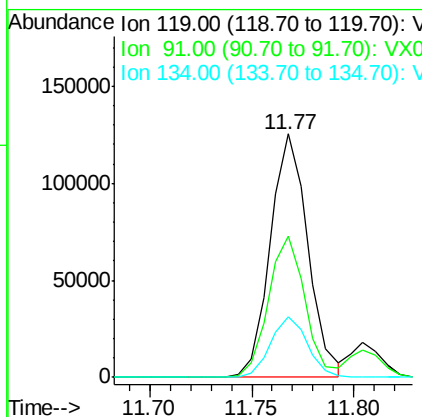
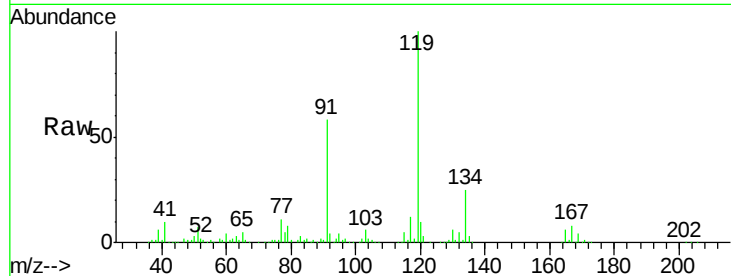
#83
 tert-Butylbenzene
 Concen: 19.698 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	161256		
91	56.8	27.6	82.7	
134	24.3	11.8	35.4	

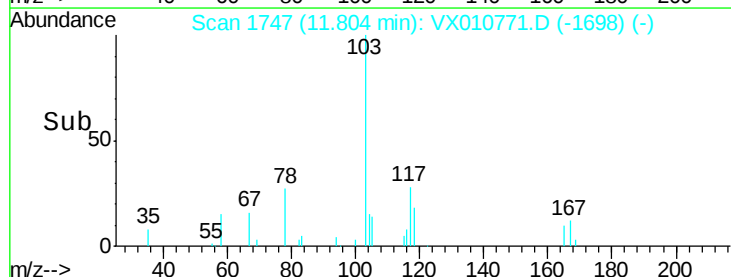
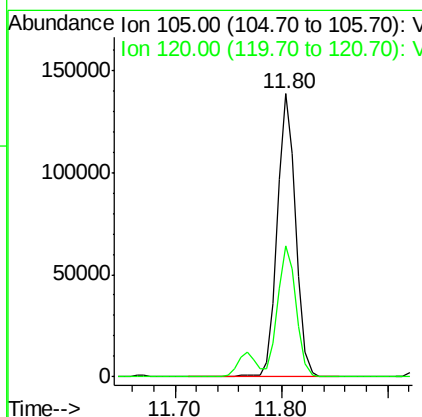
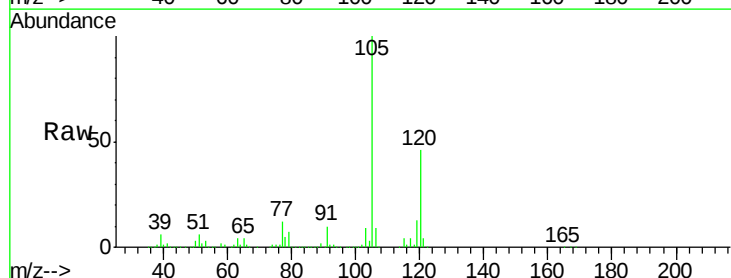
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.360 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	166837		
120	46.7	23.1	69.2	





#85

sec-Butylbenzene

Concen: 19.804 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tgt Ion:105 Resp: 190347

Ion Ratio Lower Upper

105 100

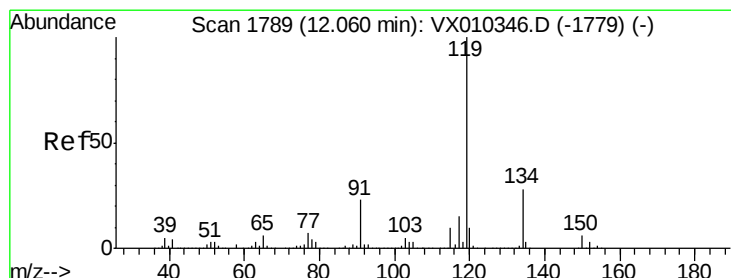
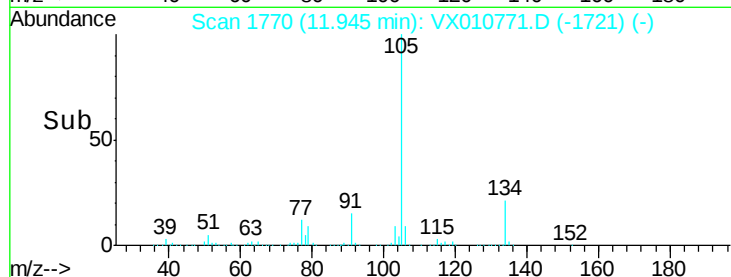
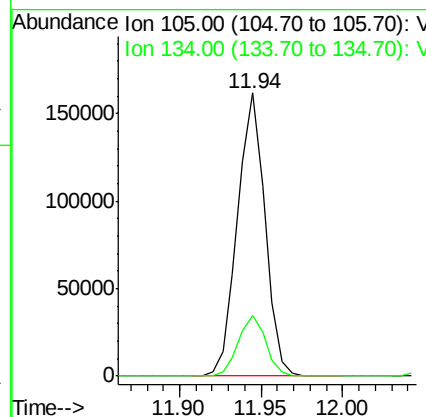
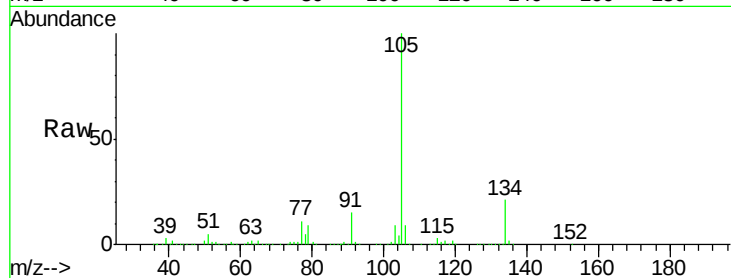
134 21.5 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 19.955 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010771.D

Acq: 10 Jul 2019 12:52

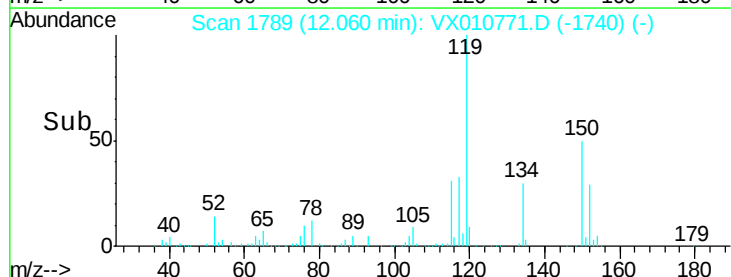
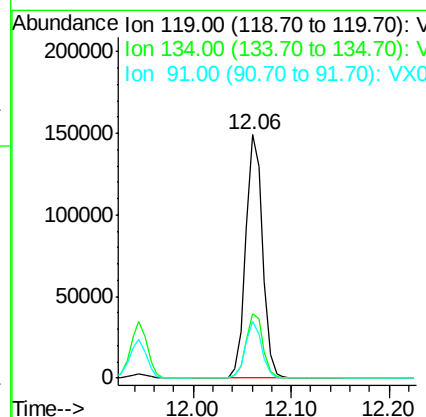
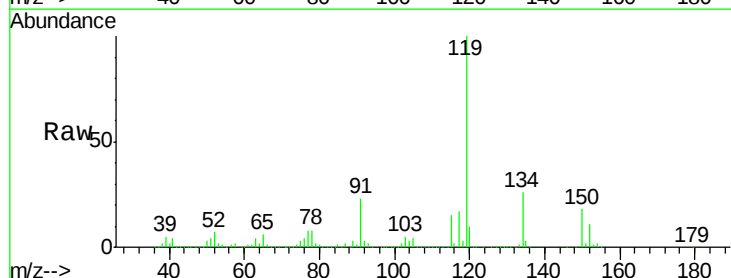
Tgt Ion:119 Resp: 177410

Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.1

91 22.6 11.3 33.8





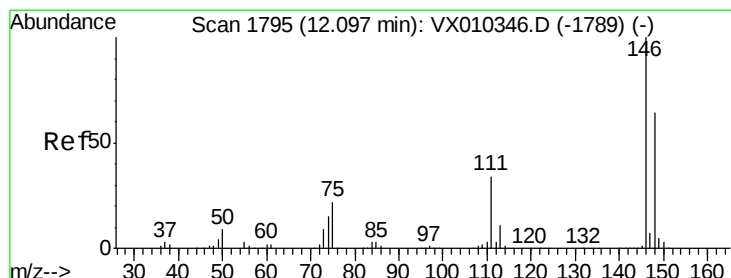
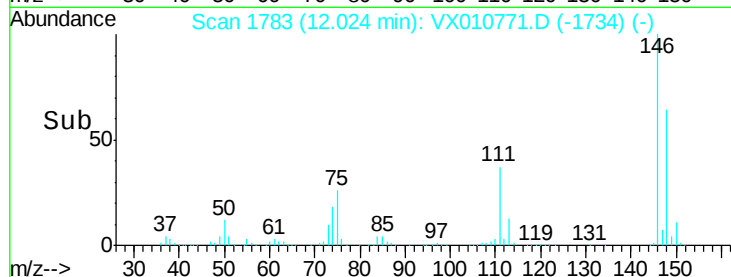
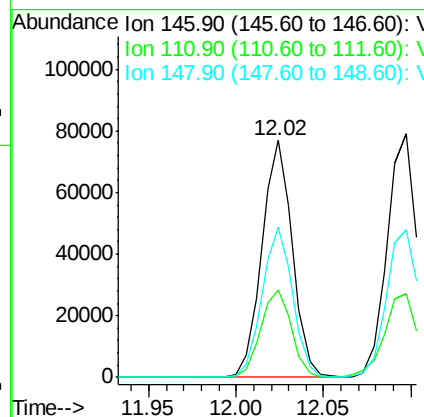
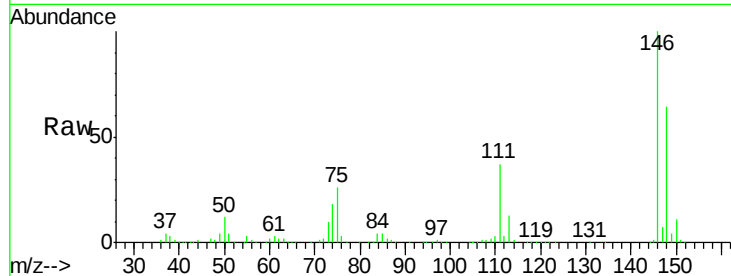
#87
 1,3-Dichlorobenzene
 Concen: 19.420 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0710WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.1
148	63.9	32.5	97.4

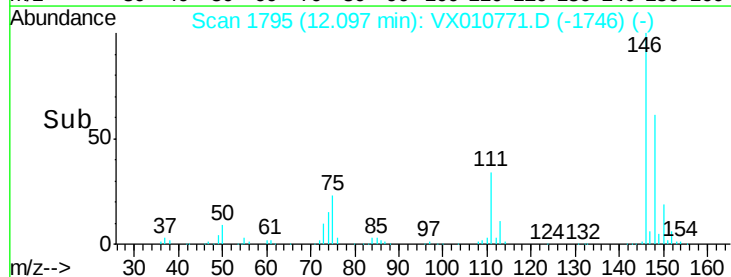
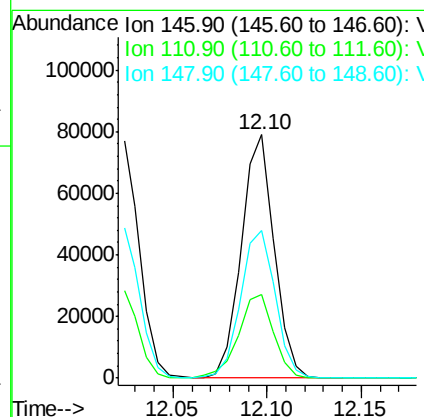
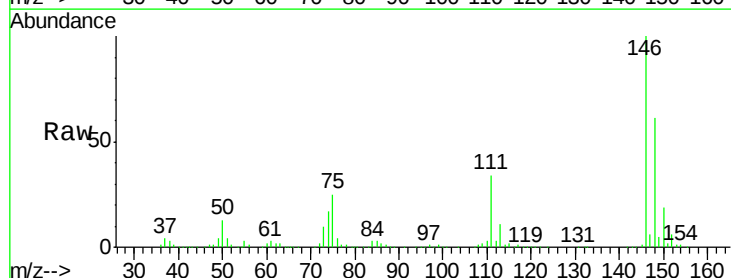
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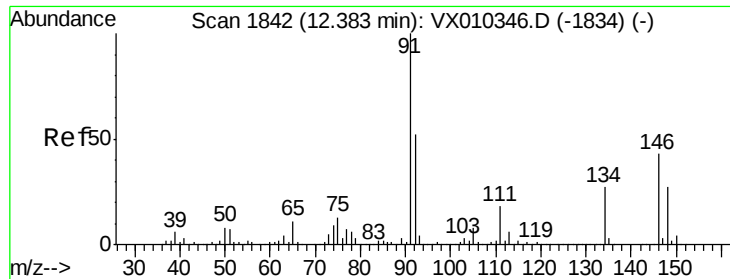
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#88
 1,4-Dichlorobenzene
 Concen: 19.370 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.3
148	64.6	32.1	96.3





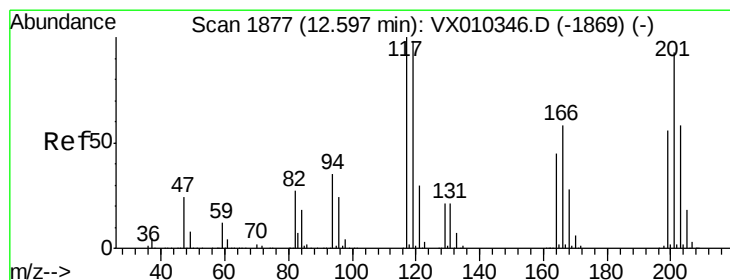
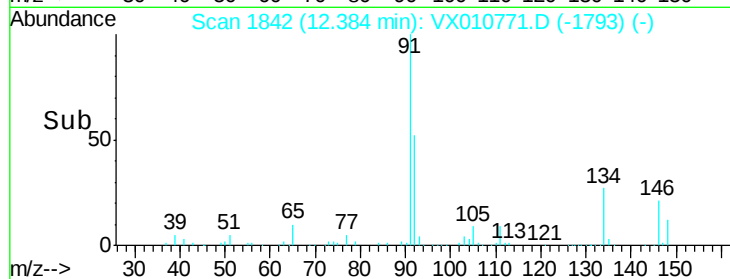
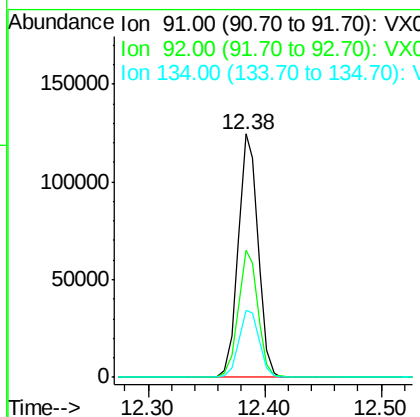
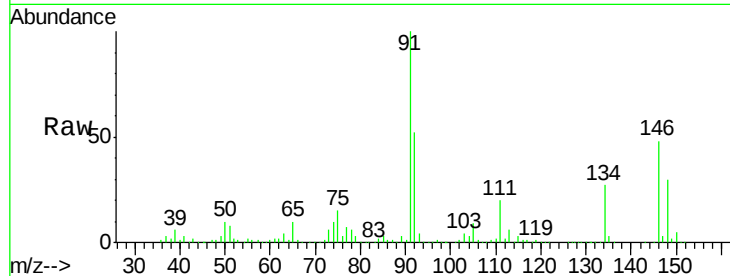
#89
n-Butylbenzene
Concen: 19.584 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion: 91 Resp: 147956
Ion Ratio Lower Upper
91 100
92 51.5 26.2 78.5
134 28.4 14.1 42.4

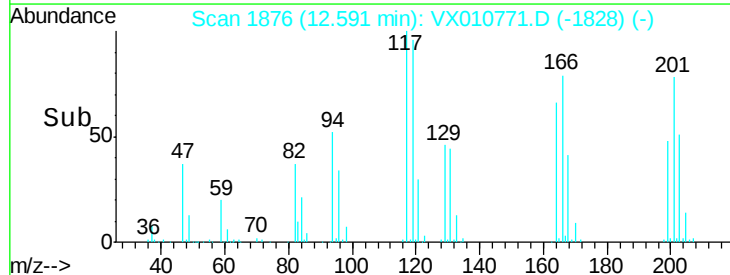
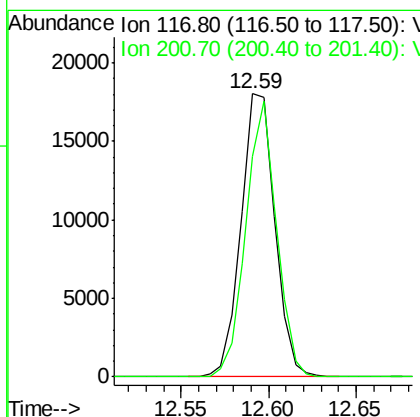
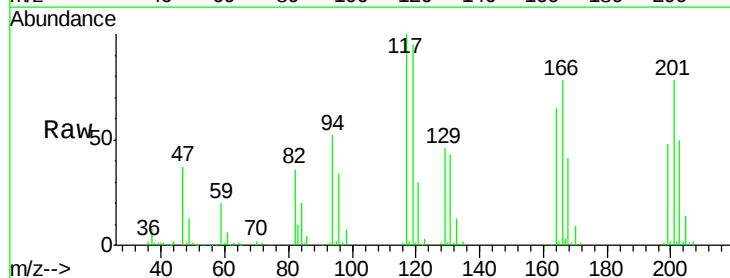
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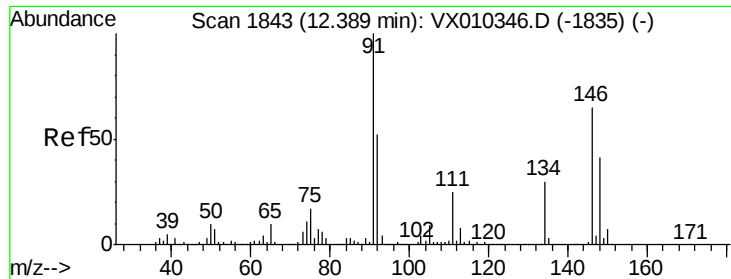
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#90
Hexachloroethane
Concen: 15.820 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

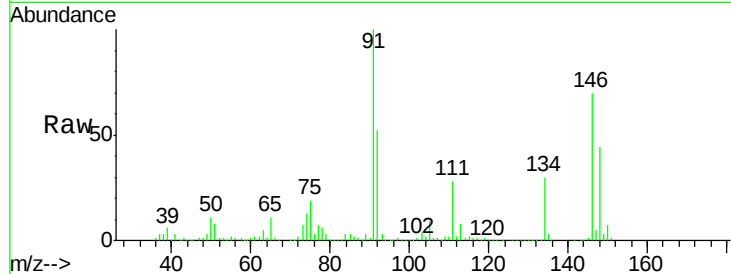
Tgt Ion: 117 Resp: 24320
Ion Ratio Lower Upper
117 100
201 88.0 44.0 131.8





#91
 1,2-Dichlorobenzene
 Concen: 19.922 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

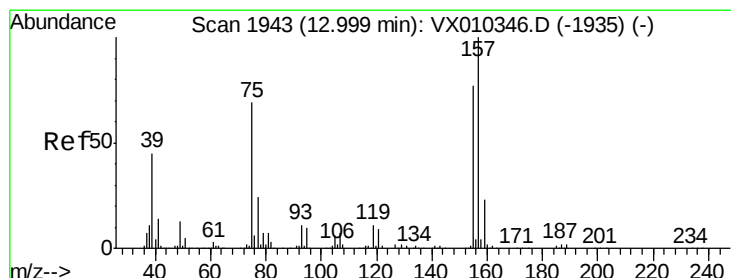
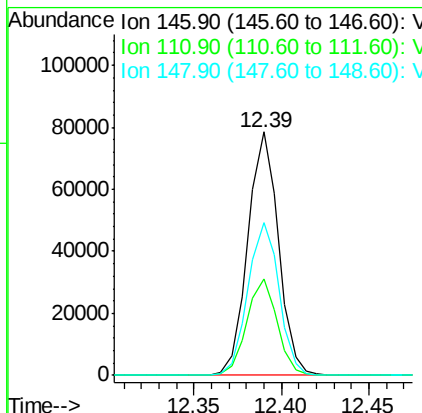
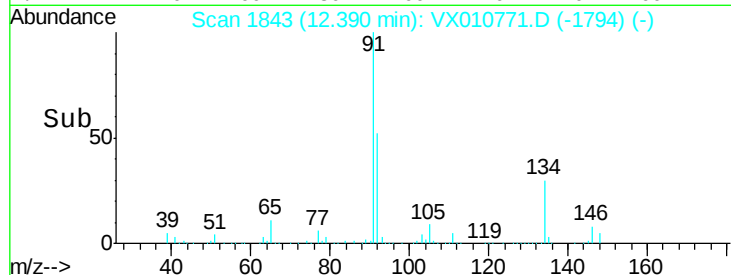
Instrument :
 MSVOA_X
 ClientSampled :
 VX0710WBS01



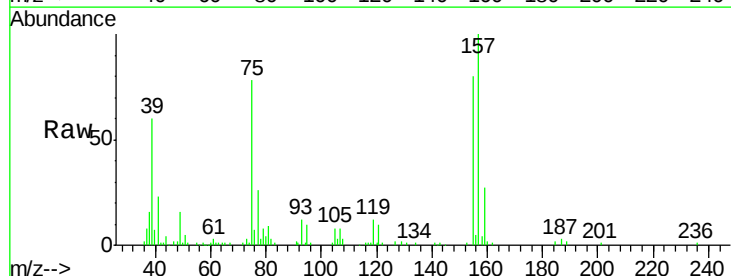
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	95480		
111	39.4	19.2	57.6	
148	64.2	32.0	96.0	

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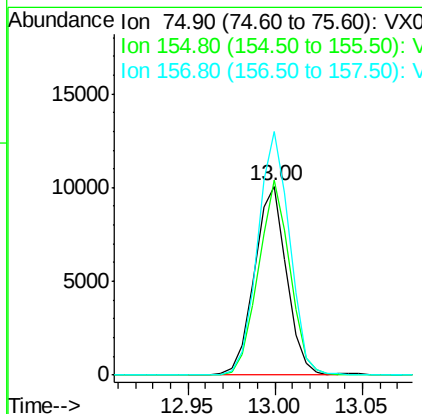
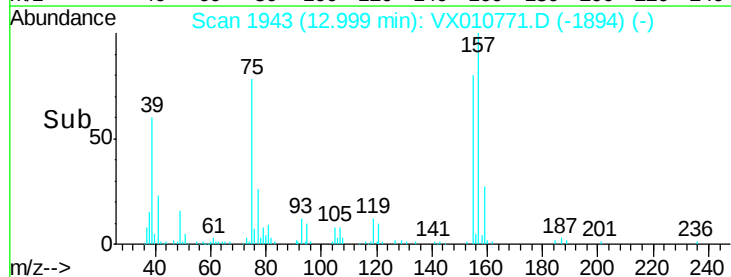
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.193 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52



Tgt Ion	Ratio	Resp	Lower	Upper
75	100	12852		
155	100.7	54.4	163.1	
157	127.4	69.5	208.3	





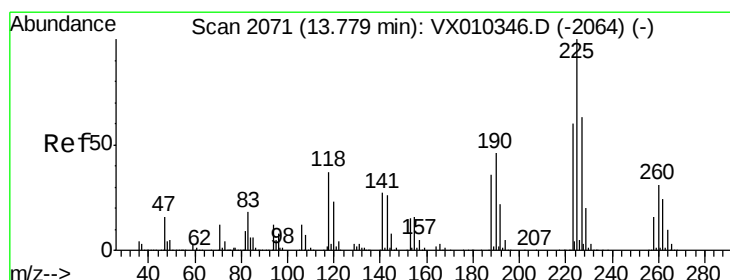
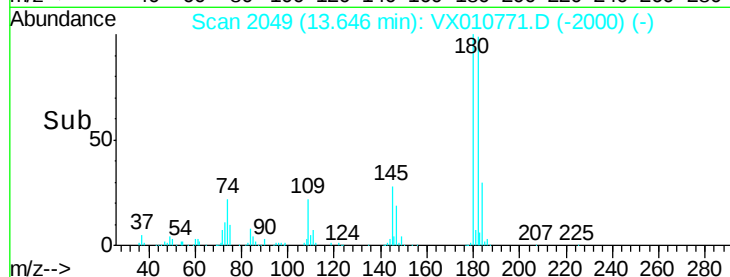
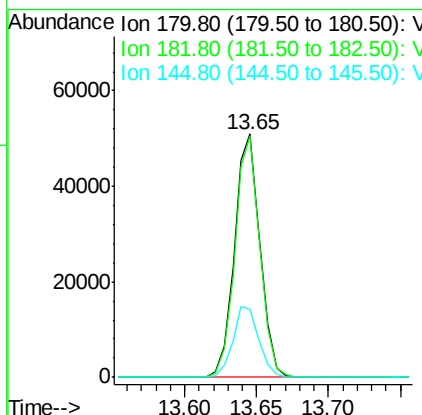
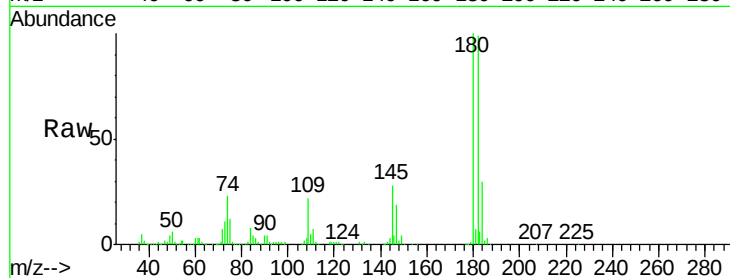
#93
 1,2,4-Trichlorobenzene
 Concen: 18.879 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	62748		
182	96.3	48.0	144.0	
145	29.8	14.4	43.4	

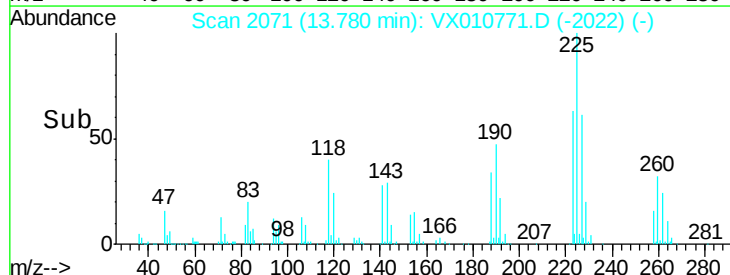
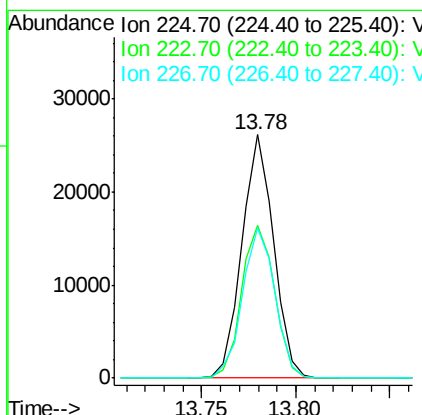
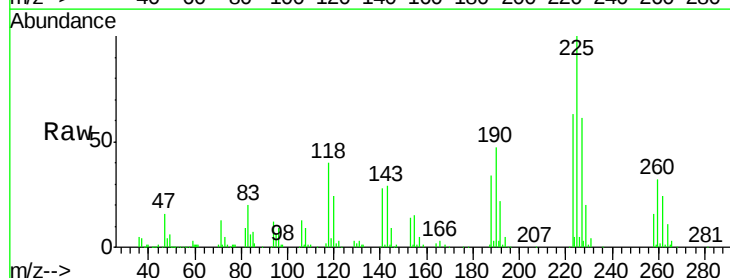
Manual Integrations
 APPROVED

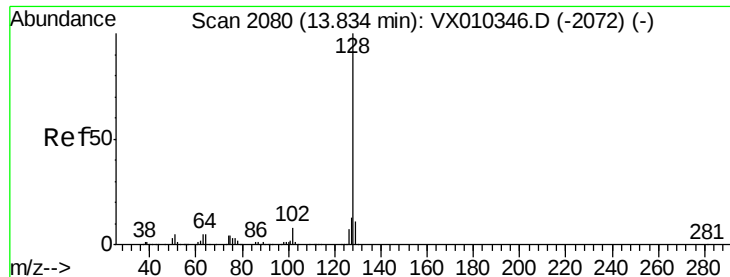
MMDadoda
 7/11/2019 10:53:57 AM



#94
 Hexachlorobutadiene
 Concen: 18.774 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010771.D
 Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30496		
223	65.4	30.9	92.7	
227	63.2	31.9	95.5	





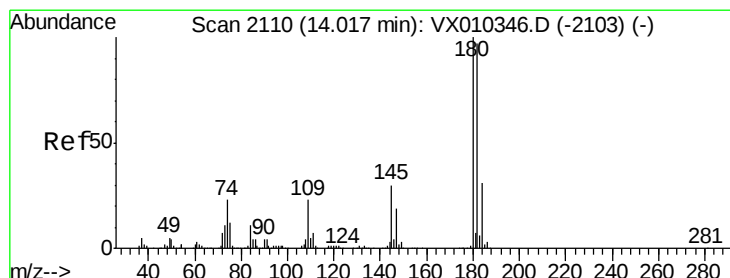
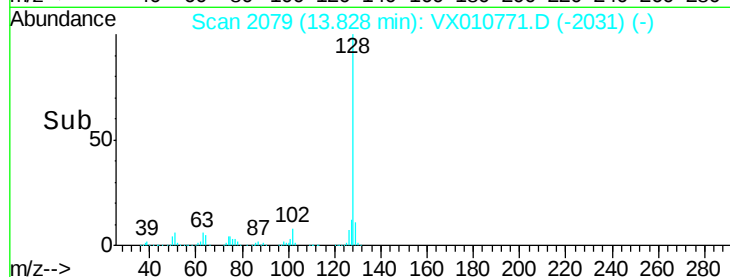
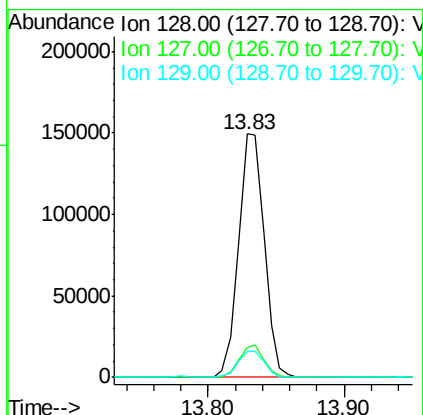
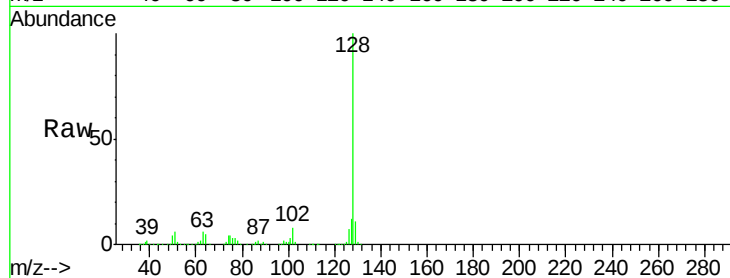
#95
Naphthalene
Concen: 19.257 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	196690		
127	12.8	10.2	15.4	
129	11.1	8.9	13.3	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.560 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010771.D
Acq: 10 Jul 2019 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	64639		
182	95.1	47.8	143.3	
145	30.2	15.2	45.6	

