

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010854.D
 Acq On : 12 Jul 2019 22:39
 Operator : JC/SP
 Sample : VX0712MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 10:59:25 AM

Quant Time: Jul 13 05:43:02 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	5.66	168	203937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307463	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	92552	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.49	113	86230	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
50) Toluene-d8	8.71	98	316514	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	
62) 4-Bromofluorobenzene	11.13	95	116368	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30285	21.360	ug/l	99
3) Chloromethane	1.33	50	32655	19.779	ug/l	96
4) Vinyl Chloride	1.41	62	35468	19.614	ug/l	98
5) Bromomethane	1.64	94	21066	23.912	ug/l	100
6) Chloroethane	1.72	64	22645	21.226	ug/l	99
7) Trichlorofluoromethane	1.93	101	61420	21.426	ug/l	100
8) Diethyl Ether	2.19	74	22298	21.691	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34551	19.889	ug/l	97
10) Methyl Iodide	2.51	142	35747	14.419	ug/l	98
11) Tert butyl alcohol	3.04	59	44171	88.282	ug/l	97
12) 1,1-Dichloroethene	2.37	96	34972	19.784	ug/l	97
13) Acrolein	2.29	56	35775	107.785	ug/l	99
14) Allyl chloride	2.73	41	48049	19.146	ug/l	97
15) Acrylonitrile	3.14	53	104093	105.080	ug/l	100
16) Acetone	2.44	43	84863	88.556	ug/l	97
17) Carbon Disulfide	2.57	76	76849	16.205	ug/l	98
18) Methyl Acetate	2.78	43	41239	21.592	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	113896	20.481	ug/l	100
20) Methylene Chloride	2.86	84	40111	20.339	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	36877	19.397	ug/l	97
22) Diisopropyl ether	3.86	45	109787	20.924	ug/l	89
23) Vinyl Acetate	3.81	43	465973	102.799	ug/l	98
24) 1,1-Dichloroethane	3.70	63	61828	20.385	ug/l	98
25) 2-Butanone	4.67	43	140139	99.694	ug/l	96
26) 2,2-Dichloropropane	4.58	77	40599	15.409	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	43421	19.764	ug/l	100
28) Bromochloromethane	5.02	49	26978	18.604	ug/l #	92
29) Tetrahydrofuran	5.13	42	90311	103.723	ug/l	98
30) Chloroform	5.21	83	67822	20.783	ug/l	97
31) Cyclohexane	5.58	56	54952	19.896	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	56049	19.452	ug/l	99
36) 1,1-Dichloropropene	5.80	75	47906	19.607	ug/l	98
37) Ethyl Acetate	4.83	43	51911	20.653	ug/l	98
38) Carbon Tetrachloride	5.79	117	47126	17.812	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59180	18.427	ug/l	96
40) Benzene	6.14	78	150594	19.784	ug/l	97
41) Methacrylonitrile	5.05	41	28225	20.466	ug/l	98
42) 1,2-Dichloroethane	6.20	62	49596	21.405	ug/l	99
43) Isopropyl Acetate	6.45	43	81284	19.546	ug/l	99
44) Trichloroethene	7.21	130	43475	19.087	ug/l	95
45) 1,2-Dichloropropane	7.51	63	38570	20.065	ug/l	93
46) Dibromomethane	7.66	93	27115	19.661	ug/l	98
47) Bromodichloromethane	7.90	83	47021	18.604	ug/l	98
48) Methyl methacrylate	7.77	41	39561	20.466	ug/l	98
49) 1,4-Dioxane	7.74	88	24434	438.797	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	279256	104.996	ug/l	98
52) Toluene	8.78	92	99336	19.817	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	47091	16.619	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	54604	17.732	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41170	19.914	ug/l	99
56) Ethyl methacrylate	9.18	69	61413	19.610	ug/l	97
57) 1,3-Dichloropropane	9.37	76	64719	20.167	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	132014	88.757	ug/l	100
59) 2-Hexanone	9.49	43	217828	104.061	ug/l	98
60) Dibromochloromethane	9.58	129	40323	17.420	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43986	19.712	ug/l	99
64) Tetrachloroethene	9.34	164	42194	18.534	ug/l	98
65) Chlorobenzene	10.13	112	110773	19.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	38148	18.328	ug/l	100
67) Ethyl Benzene	10.25	91	188655	19.556	ug/l	100
68) m/p-Xylenes	10.36	106	146460	39.182	ug/l	99
69) o-Xylene	10.69	106	71100	19.342	ug/l	98
70) Styrene	10.71	104	121182	19.658	ug/l	98
71) Bromoform	10.85	173	28567	15.782	ug/l #	97
73) Isopropylbenzene	11.02	105	192755	19.554	ug/l	98
74) N-amyl acetate	10.90	43	73992	19.861	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	65483	20.058	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	52458m	19.796	ug/l	
77) Bromobenzene	11.26	156	51682	18.776	ug/l	98
78) n-propylbenzene	11.36	91	208997	19.291	ug/l	100
79) 2-Chlorotoluene	11.42	91	124258	19.261	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	158150	19.461	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14501	12.766	ug/l #	81
82) 4-Chlorotoluene	11.51	91	142812	19.454	ug/l	99
83) tert-Butylbenzene	11.77	119	155873	19.110	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	160171	19.618	ug/l	100
85) sec-Butylbenzene	11.94	105	185912	19.413	ug/l	99
86) p-Isopropyltoluene	12.06	119	168478	19.019	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89616	18.652	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	90055	18.411	ug/l	98
89) n-Butylbenzene	12.38	91	139104	18.480	ug/l	99
90) Hexachloroethane	12.60	117	23550	15.375	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	93096	19.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12903	18.332	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	60277	18.202	ug/l	99
94) Hexachlorobutadiene	13.78	225	28965	17.896	ug/l	98
95) Naphthalene	13.83	128	192988	18.964	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	62094	18.859	ug/l	99

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

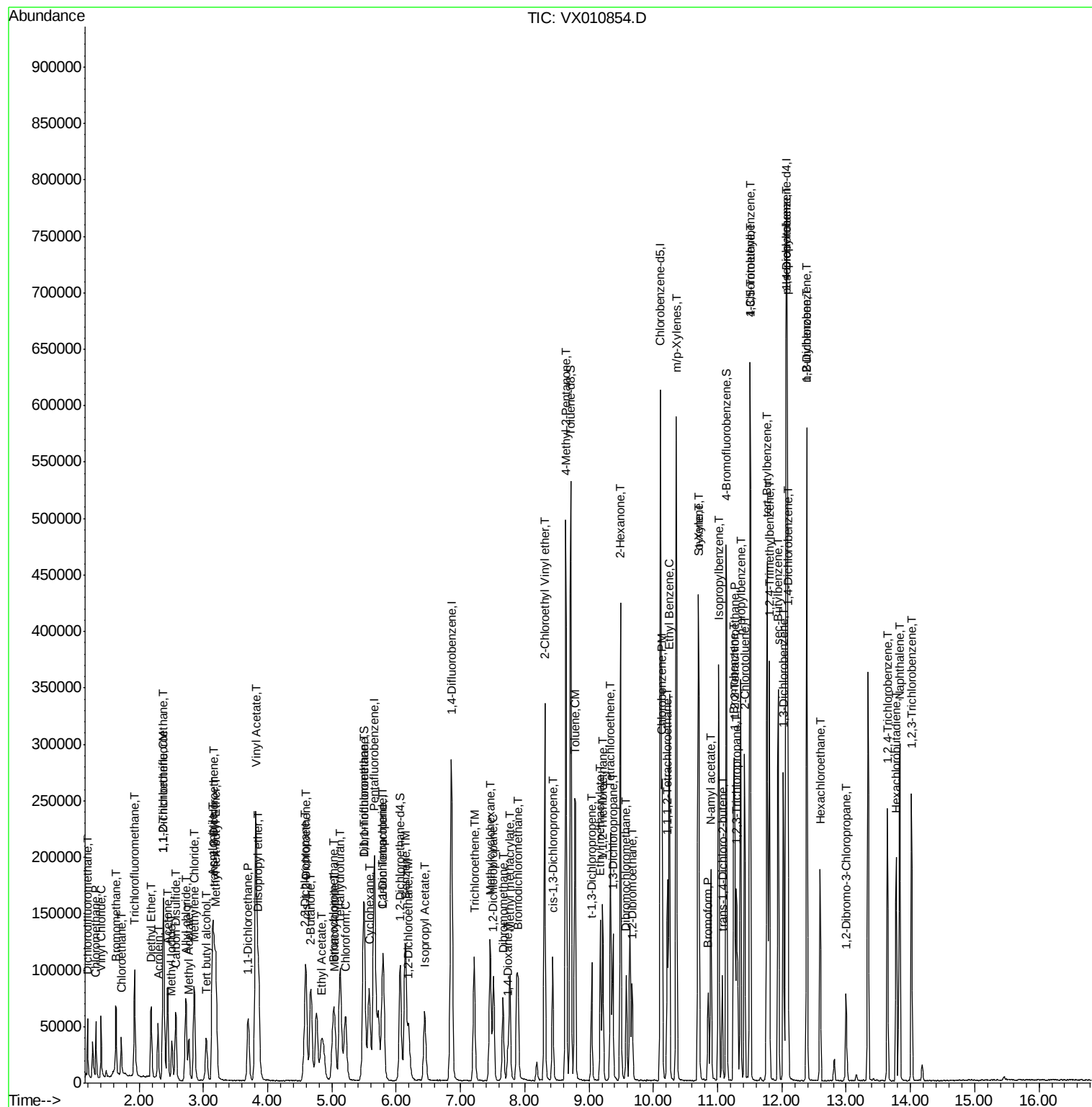
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 Acq On : 12 Jul 2019 22:39
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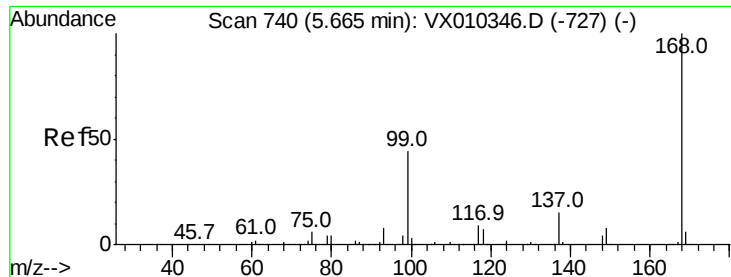
Instrument :
 MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion:168 Resp: 203937

Ion Ratio Lower Upper

168 100

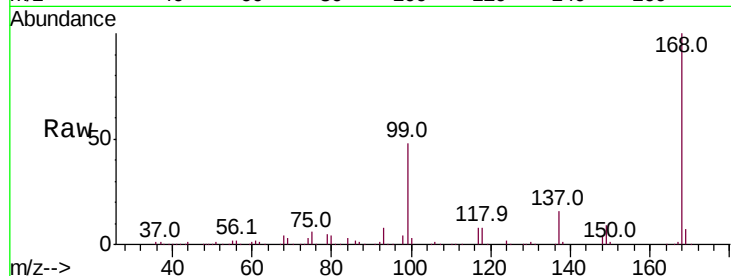
99 48.3 35.5 53.3

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

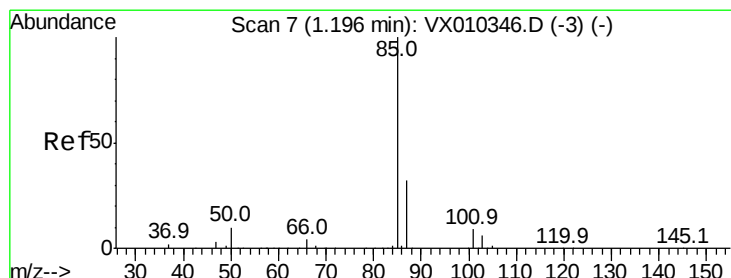
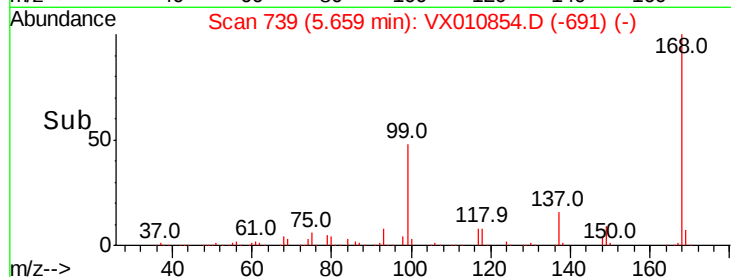
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.360 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010854.D

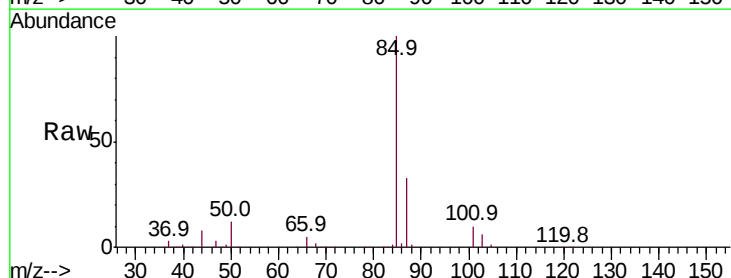
Acq: 12 Jul 2019 22:39

Tgt Ion: 85 Resp: 30285

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

30000

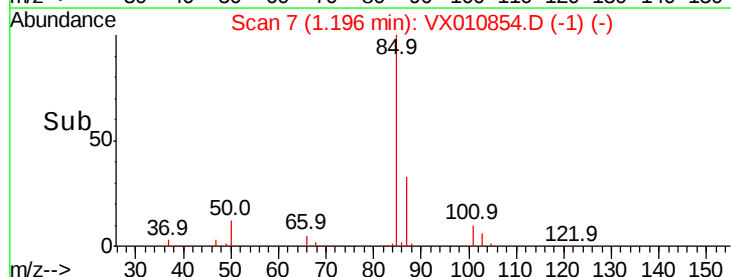
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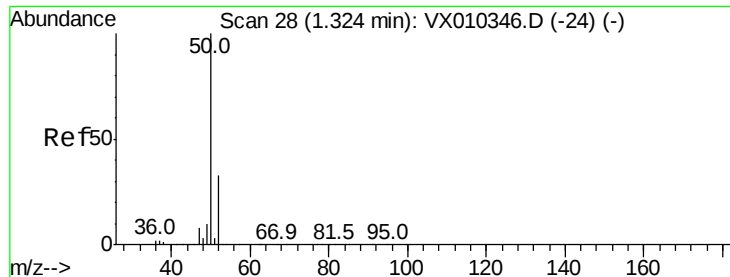
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.779 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion: 50 Resp: 32655

Ion Ratio Lower Upper

50 100

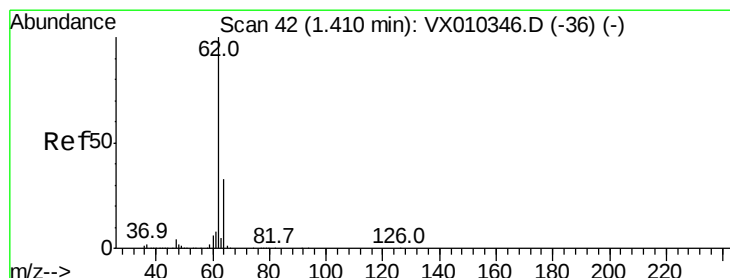
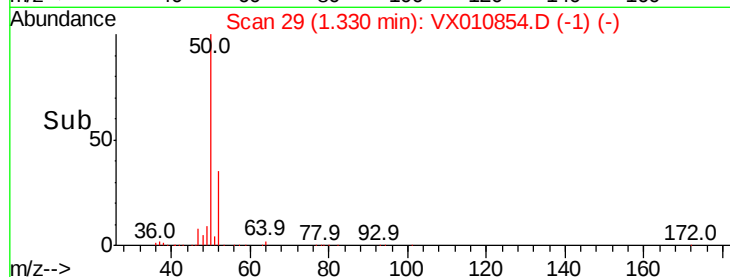
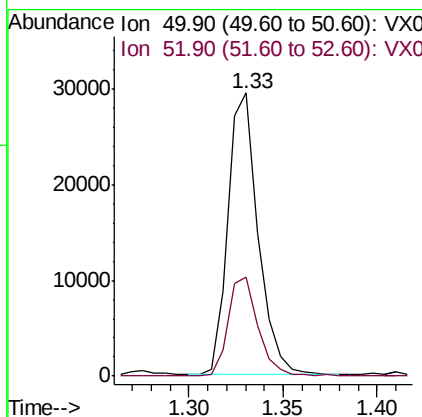
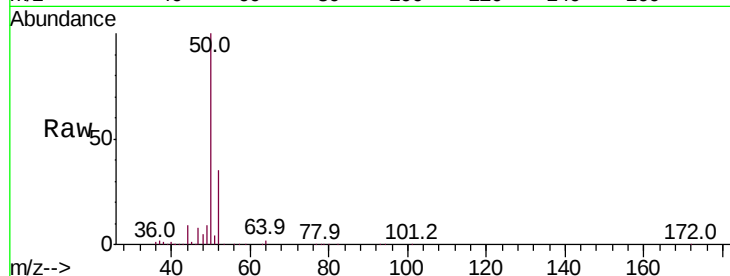
52 35.1 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.614 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010854.D

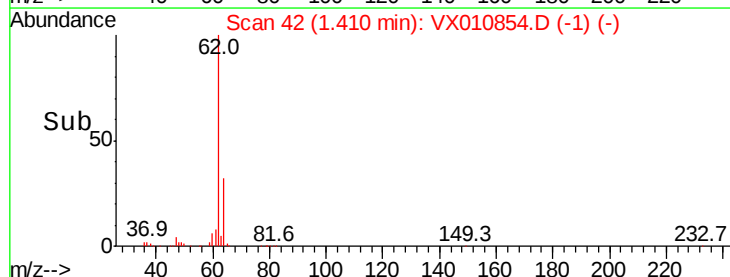
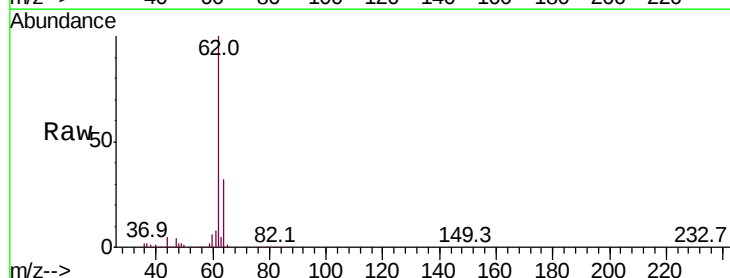
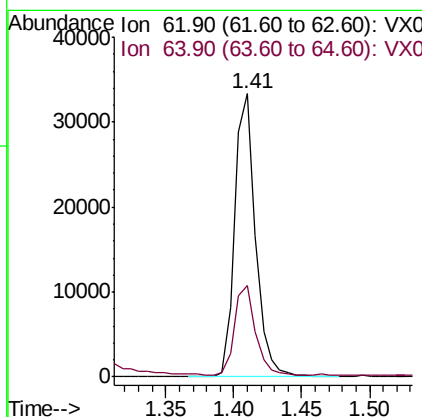
Acq: 12 Jul 2019 22:39

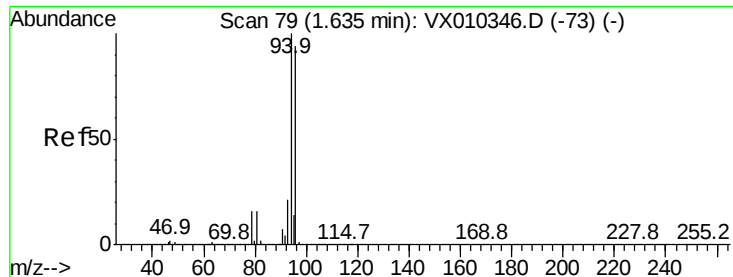
Tgt Ion: 62 Resp: 35468

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.4





#5

Bromomethane

Concen: 23.912 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

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ClientSampleId :

VX0712MBS01

Tot Ion: 94 Resp: 21066

Ion Ratio Lower Upper

94 100

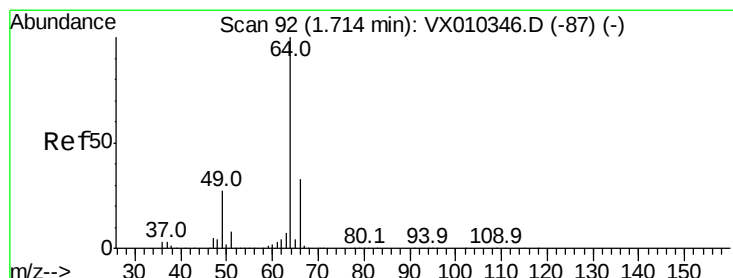
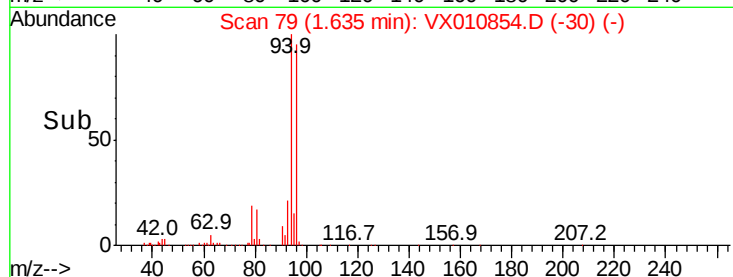
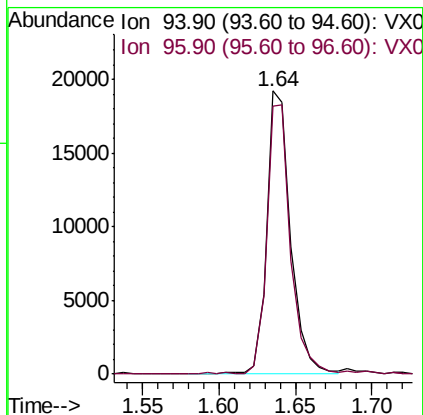
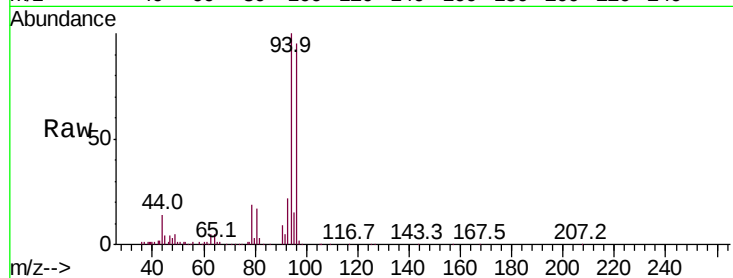
96 94.7 75.5 113.3

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#6

Chloroethane

Concen: 21.226 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010854.D

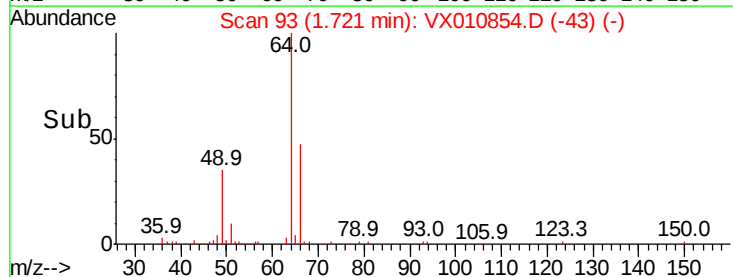
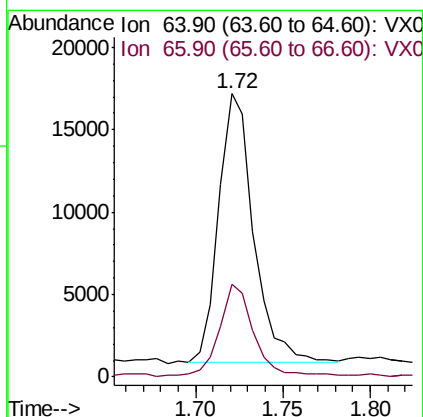
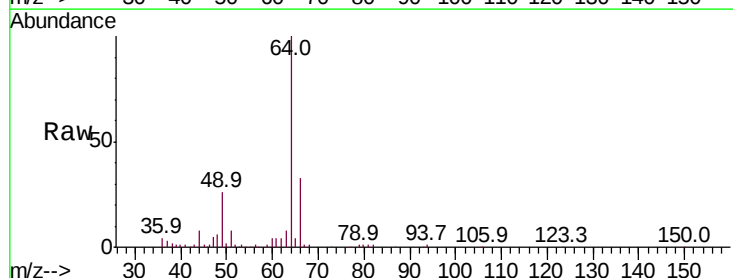
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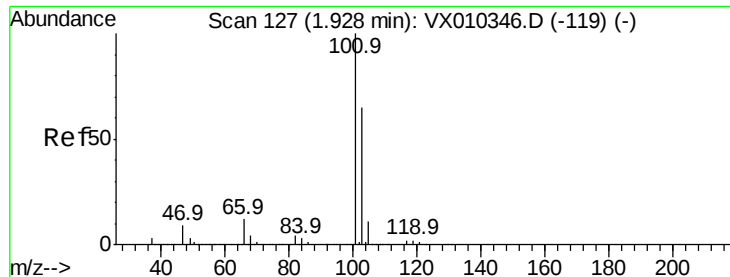
Tgt Ion: 64 Resp: 22645

Ion Ratio Lower Upper

64 100

66 33.6 26.6 40.0





#7

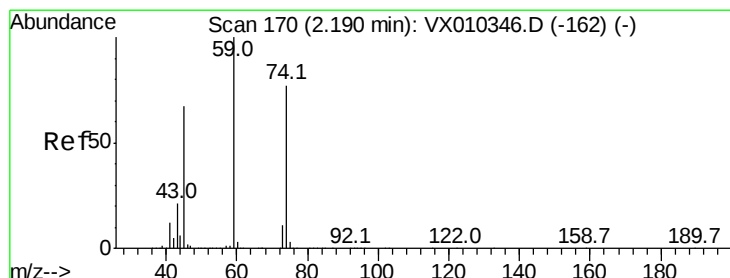
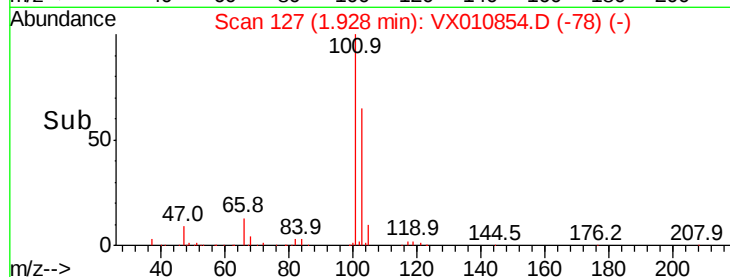
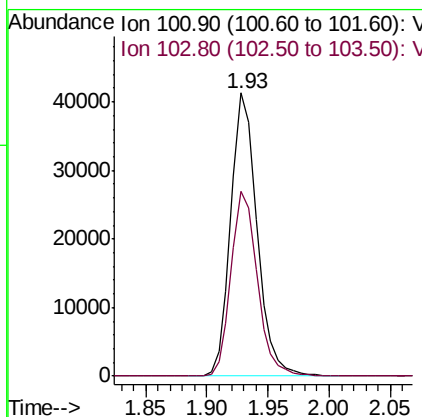
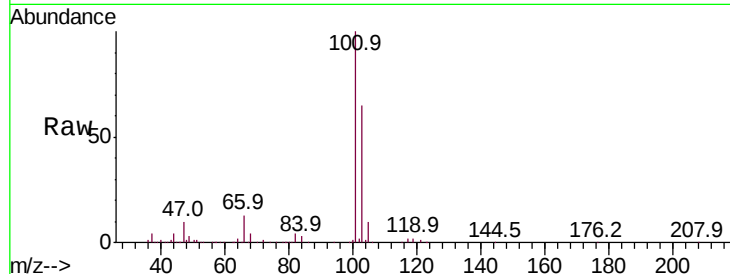
Trichlorofluoromethane
Concen: 21.426 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.3	78.5

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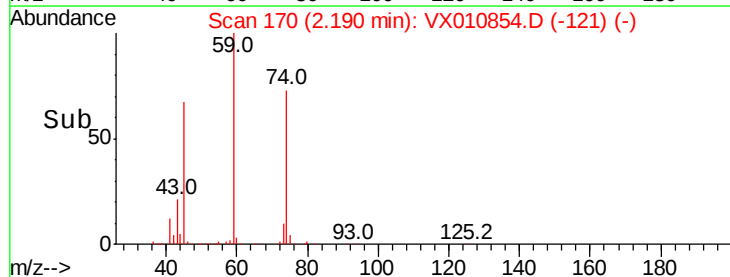
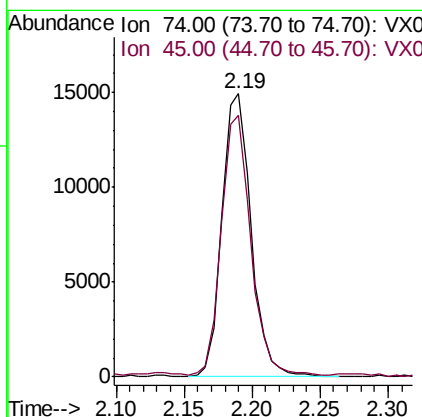
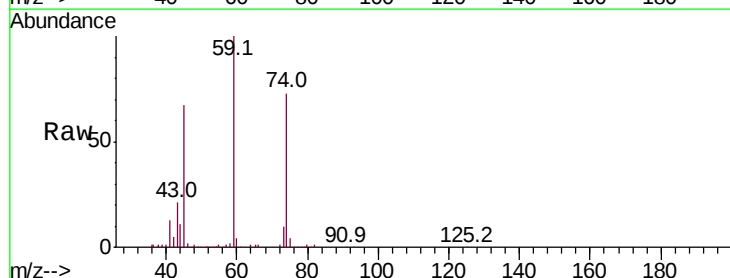
MMDadoda
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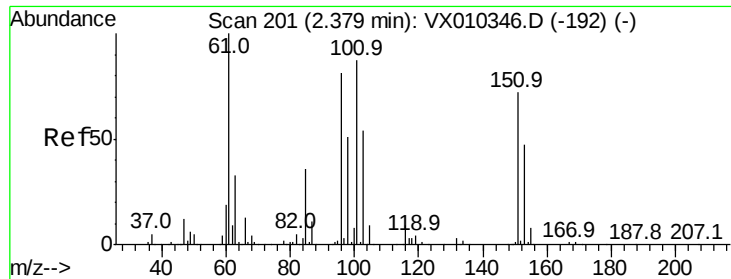


#8

Diethyl Ether
Concen: 21.691 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.889 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

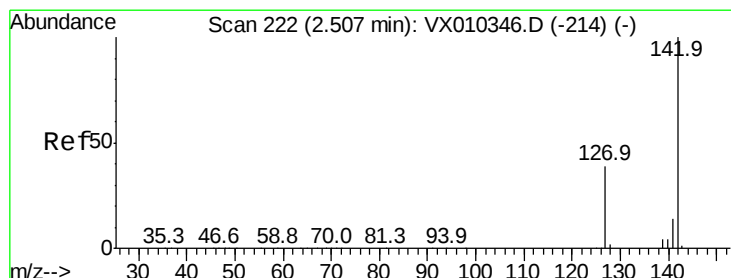
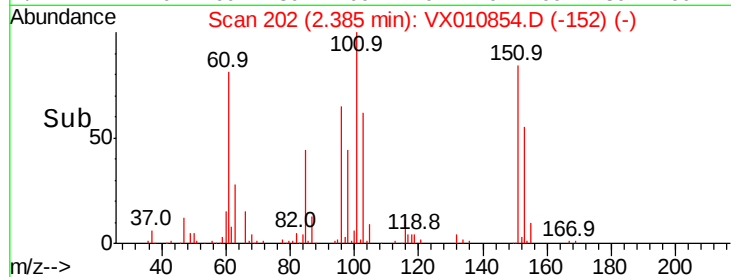
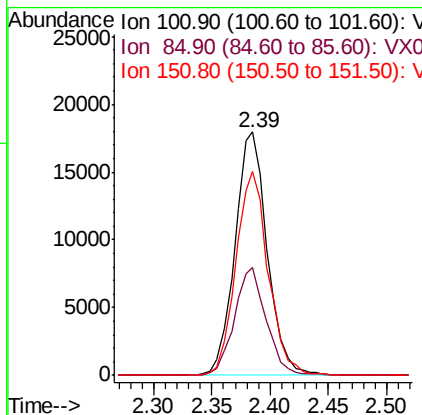
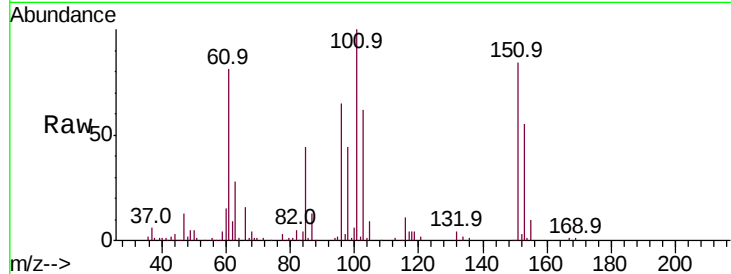
ClientSampleId :

VX0712MBS01

Tot Ion:	101	Resp:	34551
Ion Ratio	Lower	Upper	
101	100		
85	43.7	33.7	50.5
151	84.0	70.1	105.1

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#10

Methyl Iodide

Concen: 14.419 ug/l

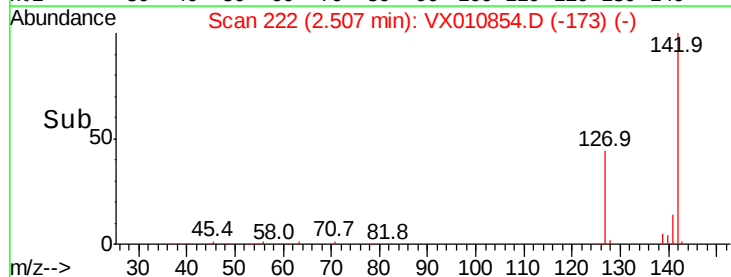
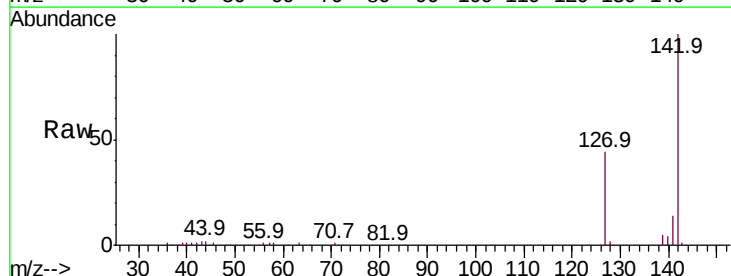
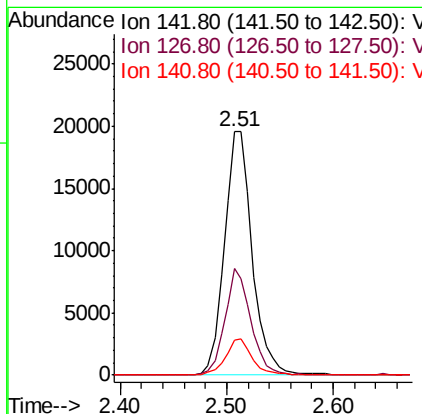
RT: 2.51 min Scan# 222

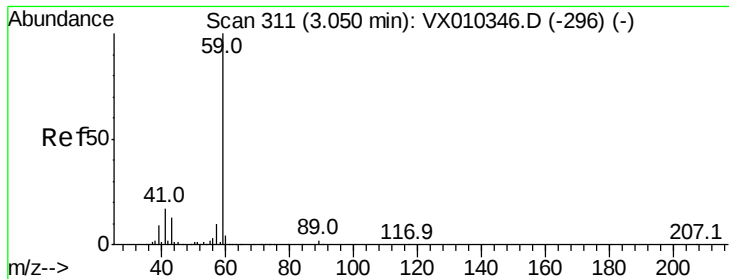
Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Tgt Ion:	142	Resp:	35747
Ion Ratio	Lower	Upper	
142	100		
127	40.5	31.1	46.7
141	14.0	11.2	16.8





#11

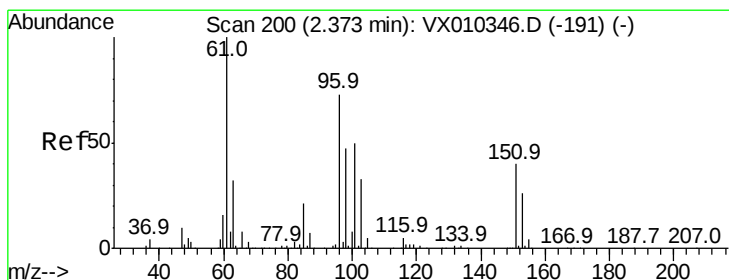
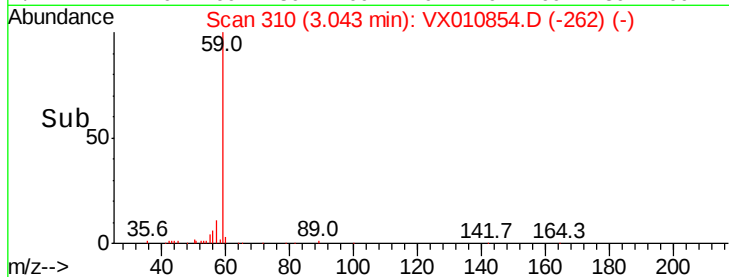
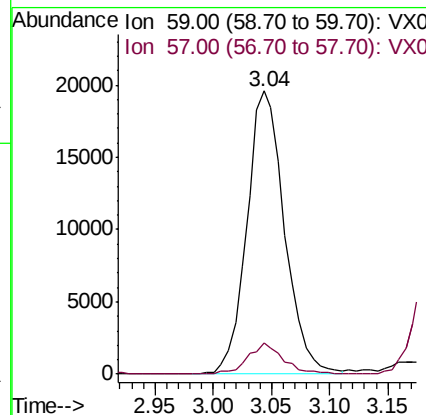
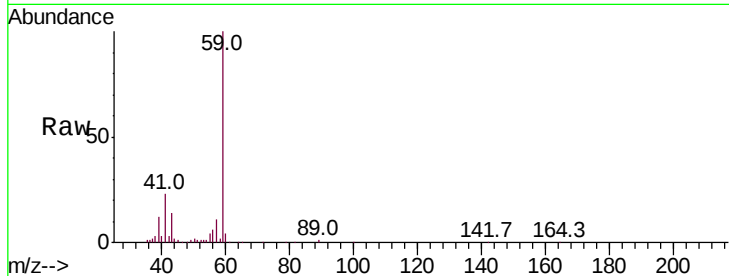
Tert butyl alcohol
Concen: 88.282 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion: 59 Resp: 44171
Ion Ratio Lower Upper
59 100
57 10.5 7.7 11.5

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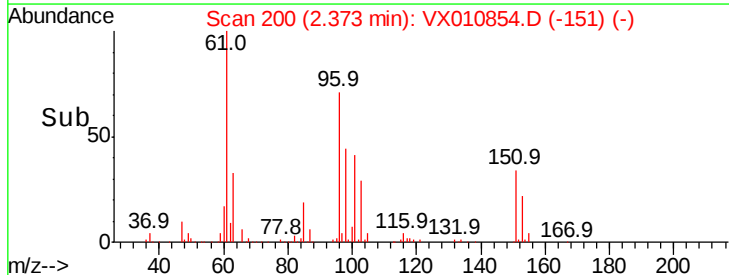
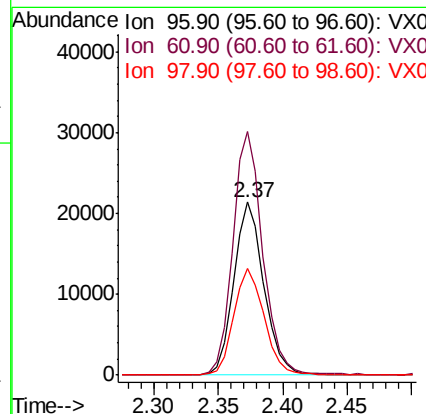
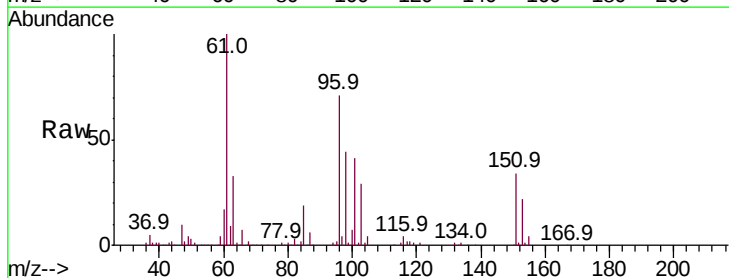
MMDadoda
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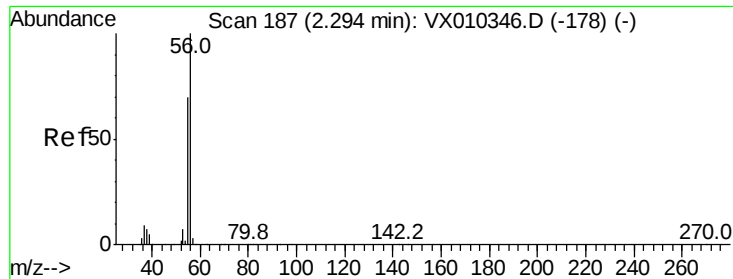


#12

1,1-Dichloroethene
Concen: 19.784 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion: 96 Resp: 34972
Ion Ratio Lower Upper
96 100
61 140.8 109.2 163.8
98 61.8 51.1 76.7





#13

Acrolein

Concen: 107.785 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion: 56 Resp: 35775

Ion Ratio Lower Upper

56 100

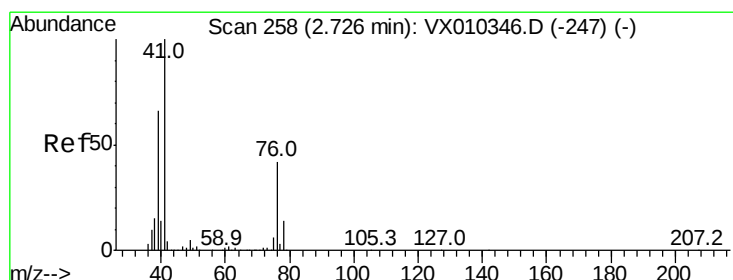
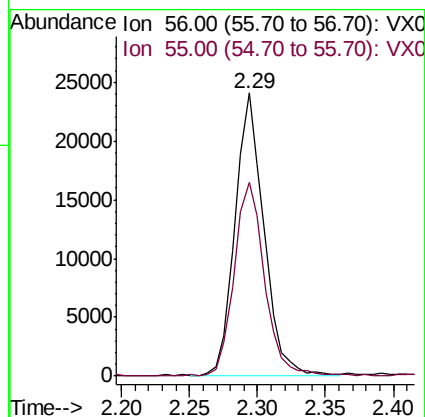
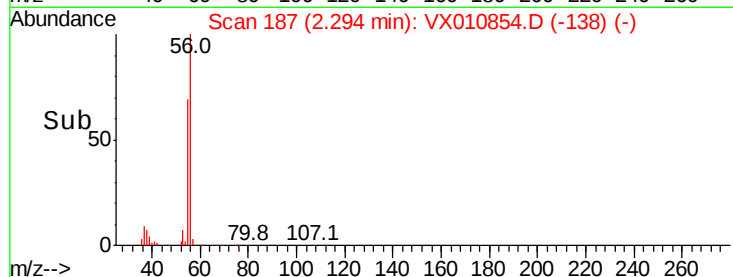
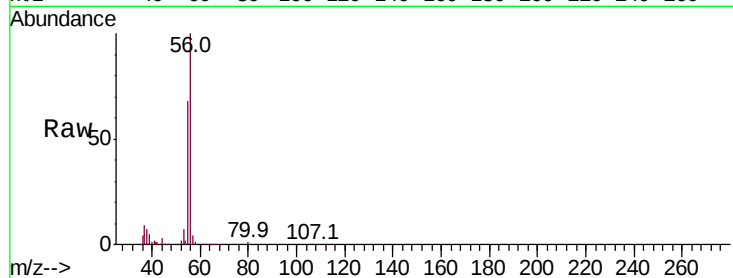
55 72.2 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 19.146 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

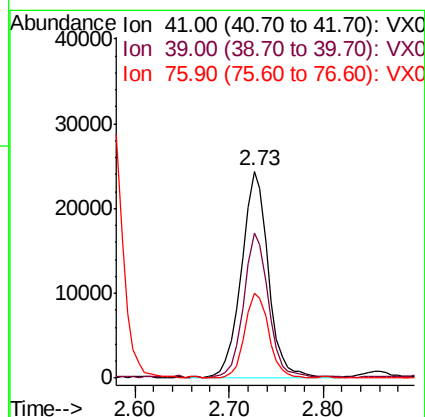
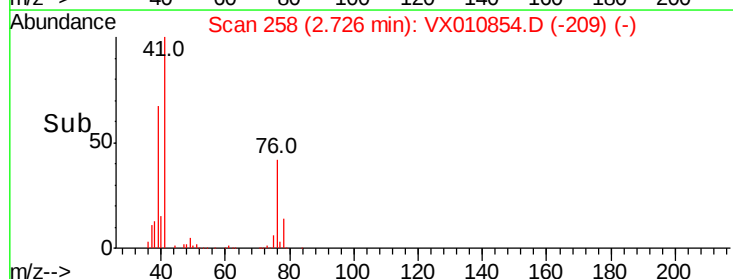
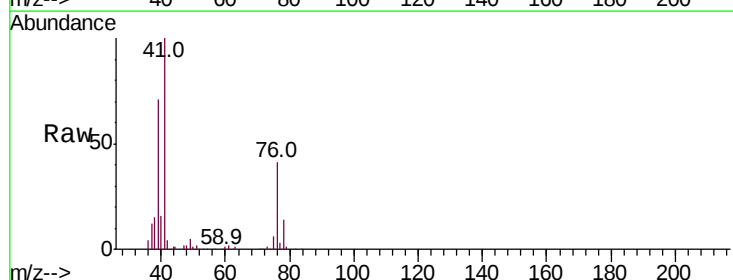
Tgt Ion: 41 Resp: 48049

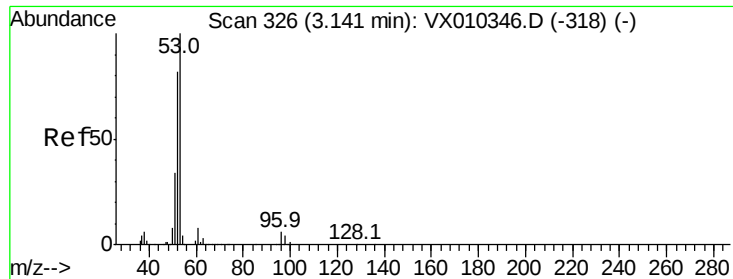
Ion Ratio Lower Upper

41 100

39 65.2 50.3 75.5

76 36.8 31.3 46.9





#15

Acrylonitrile

Concen: 105.080 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

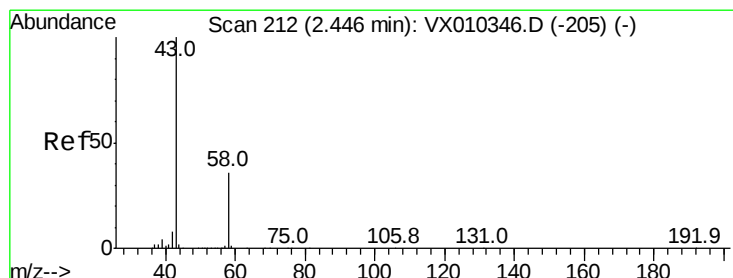
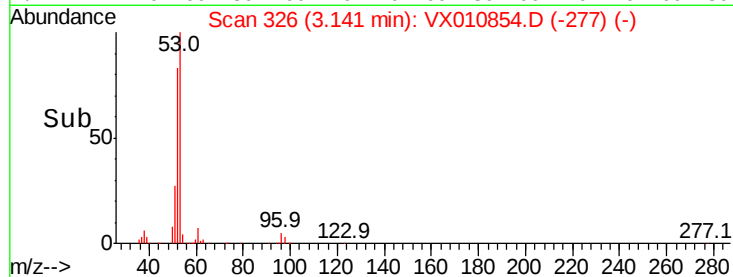
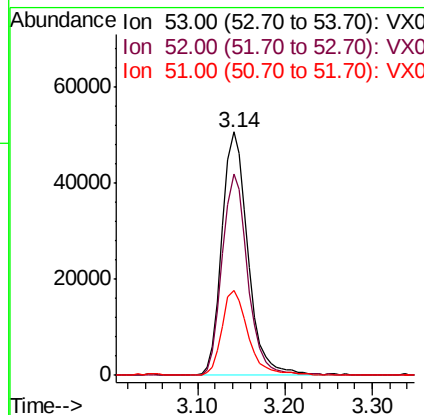
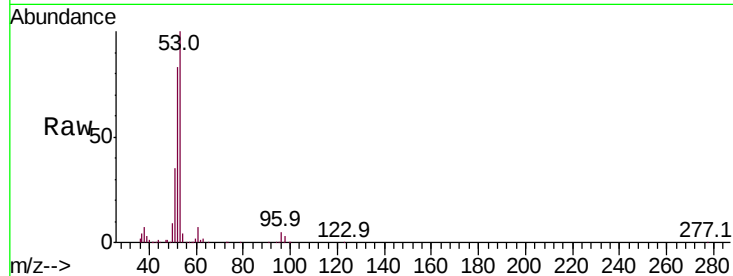
ClientSampleId :

VX0712MBS01

Tot Ion:	53	Resp:	104093
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.5	98.3
51	35.6	28.2	42.4

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#16

Acetone

Concen: 88.556 ug/l

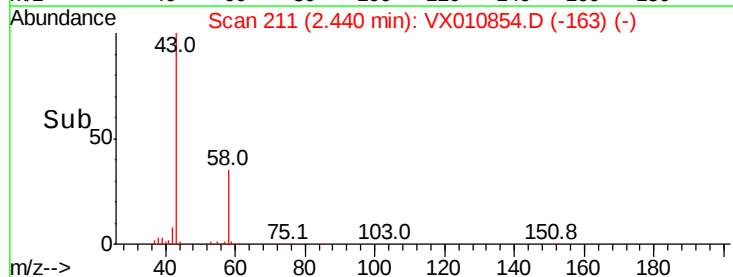
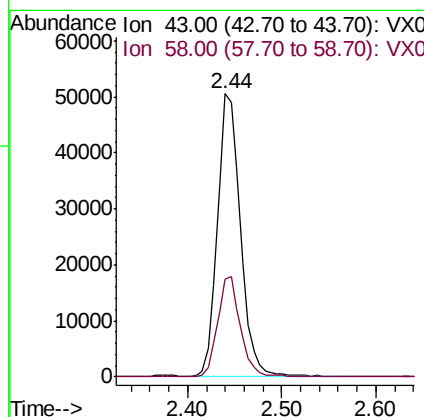
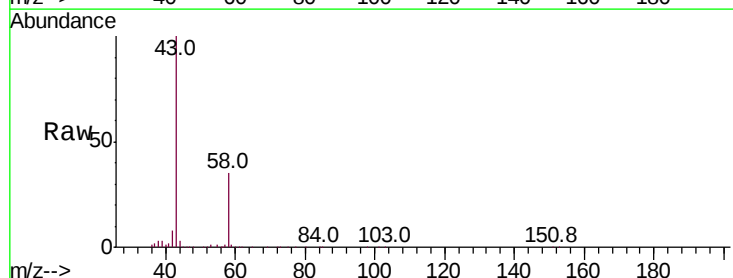
RT: 2.44 min Scan# 211

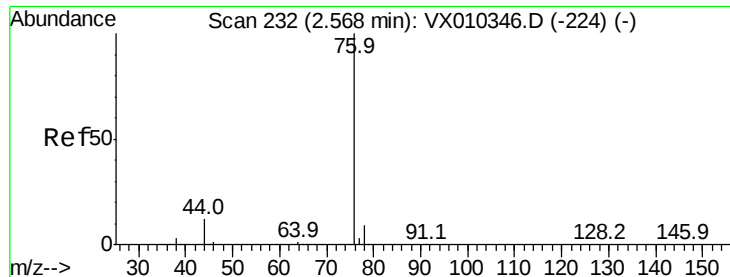
Delta R.T. -0.01 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Tgt Ion:	43	Resp:	84863
Ion Ratio	Lower	Upper	
43	100		
58	34.6	28.9	43.3





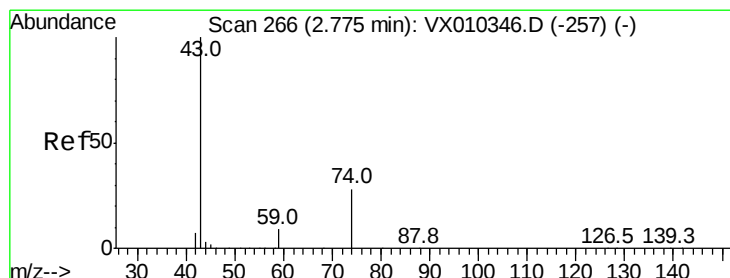
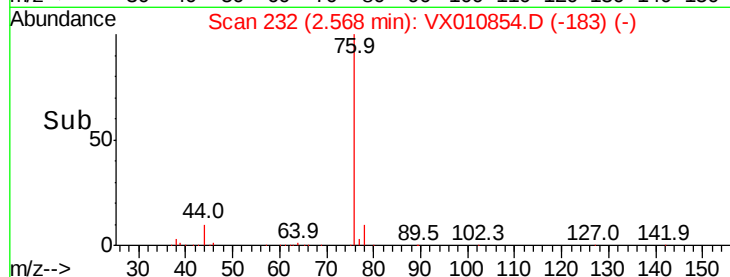
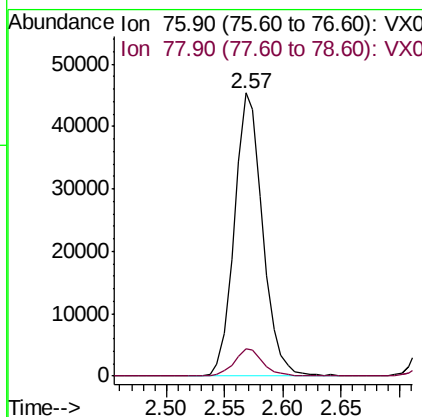
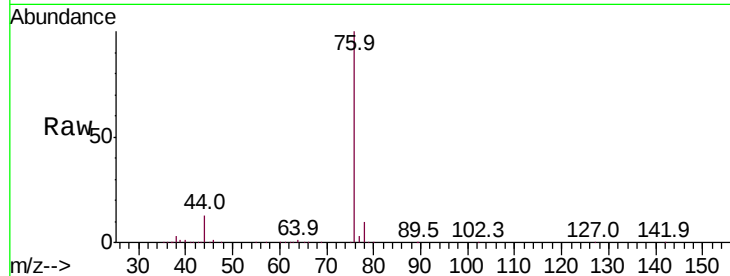
#17
Carbon Disulfide
Concen: 16.205 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.3	10.9

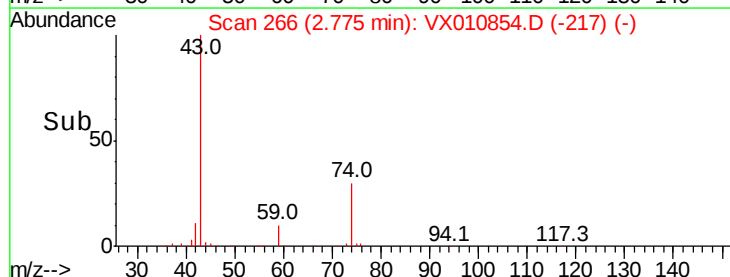
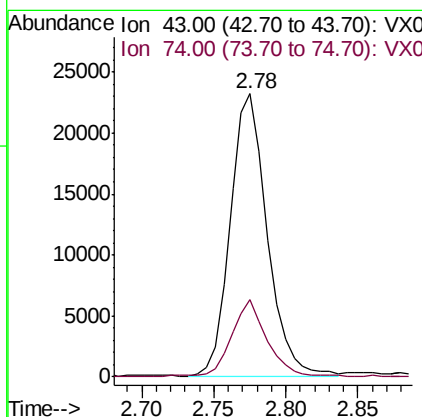
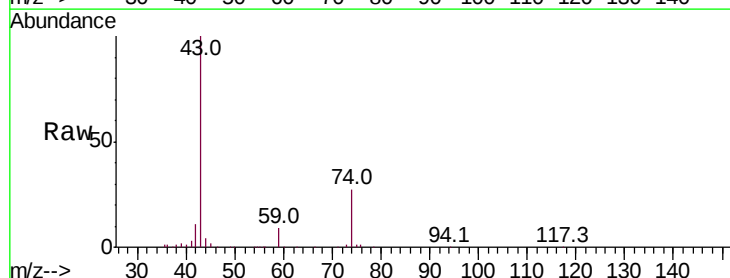
Manual Integrations
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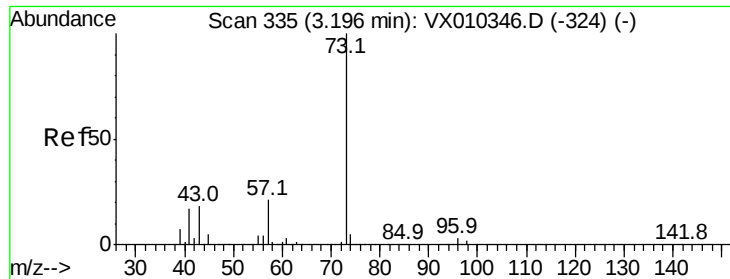
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#18
Methyl Acetate
Concen: 21.592 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	21.3	31.9





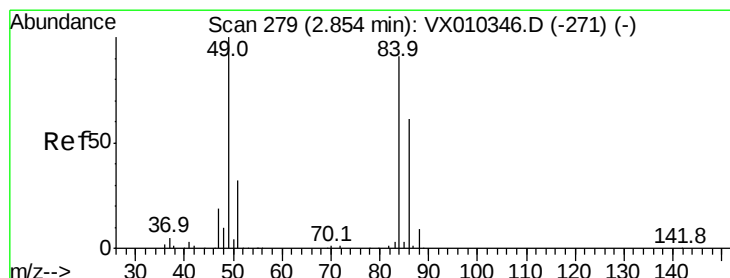
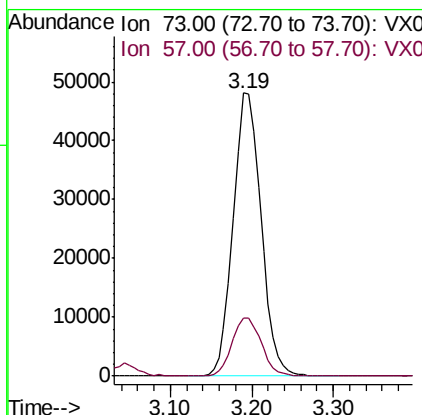
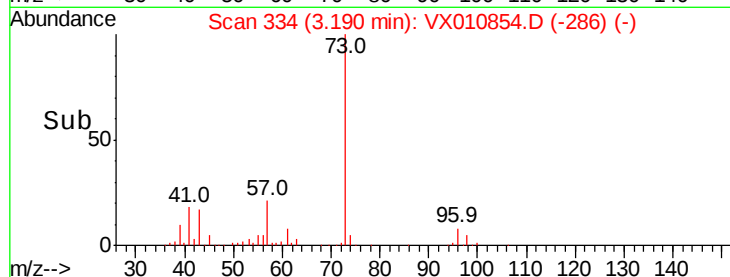
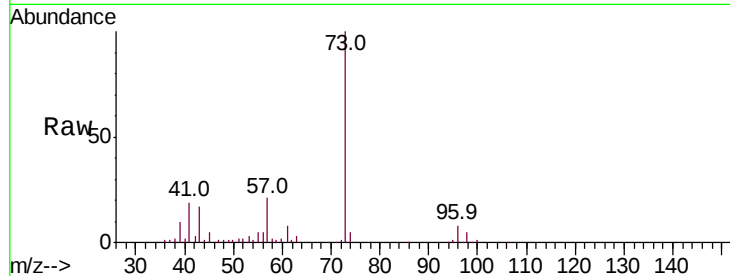
#19
Methyl tert-butyl Ether
Concen: 20.481 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	16.4	24.6

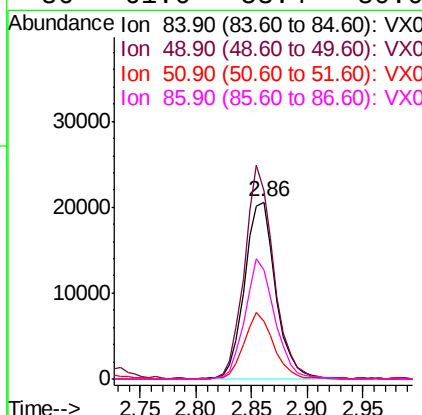
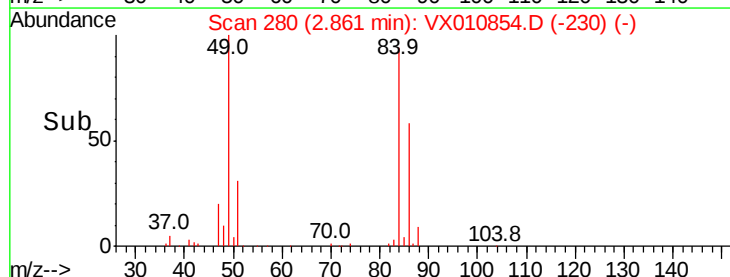
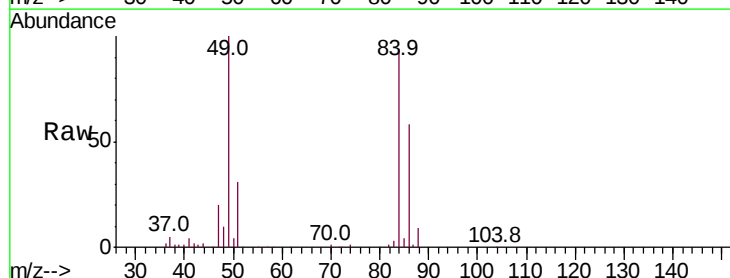
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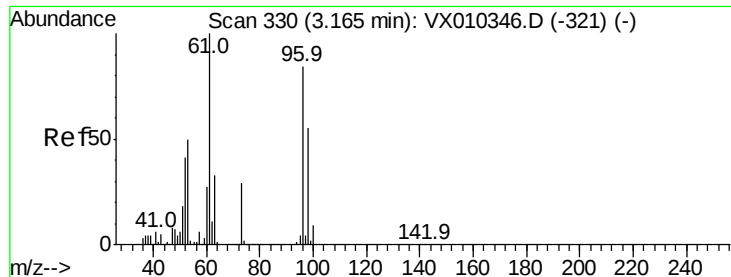
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#20
Methylene Chloride
Concen: 20.339 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.3	87.5	131.3
51	32.4	27.7	41.5
86	61.6	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 19.397 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion: 96 Resp: 36877

Ion Ratio Lower Upper

96 100

61 123.7 95.6 143.4

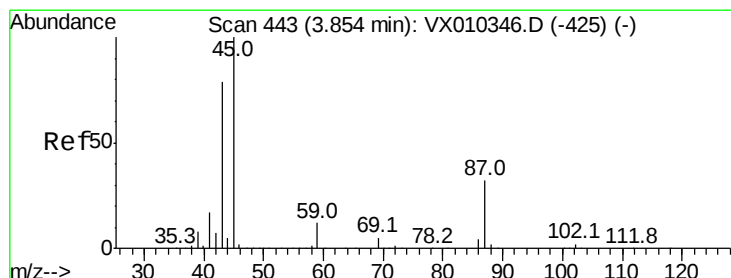
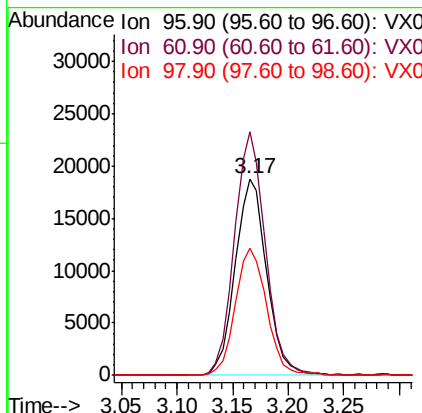
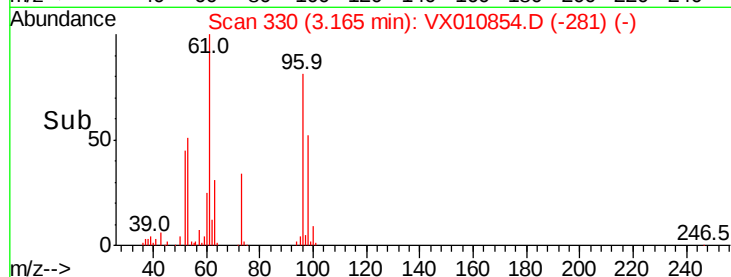
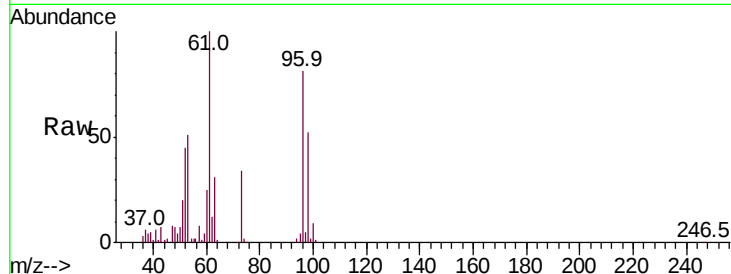
98 65.0 52.5 78.7

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#22

Diisopropyl ether

Concen: 20.924 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Tgt Ion: 45 Resp: 109787

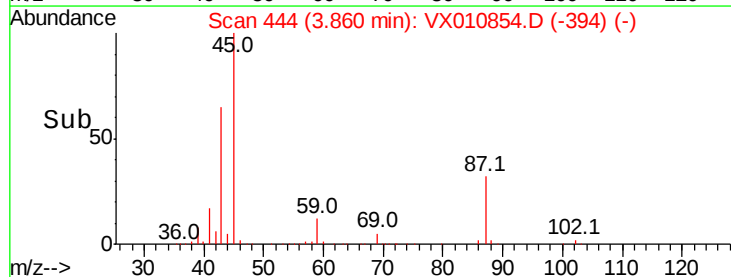
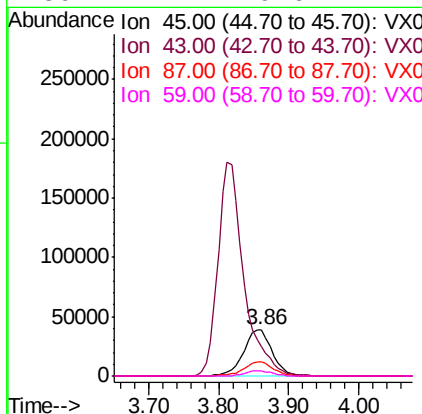
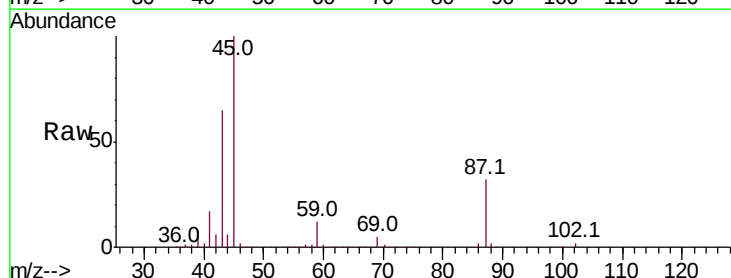
Ion Ratio Lower Upper

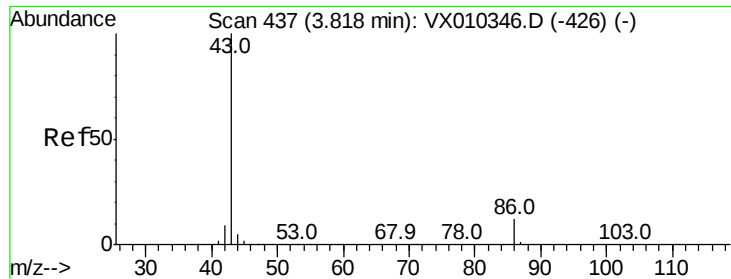
45 100

43 64.8 63.3 94.9

87 31.8 25.8 38.8

59 12.4 9.6 14.4





#23

Vinyl Acetate

Concen: 102.799 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion: 43 Resp: 465973

Ion Ratio Lower Upper

43 100

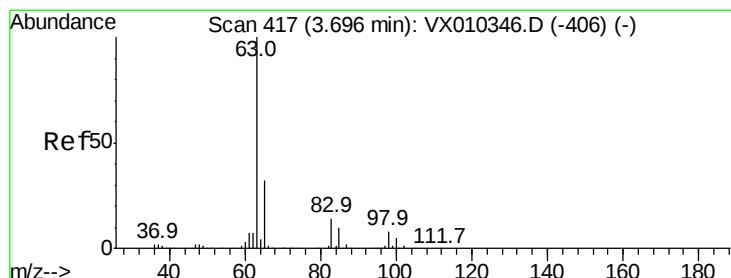
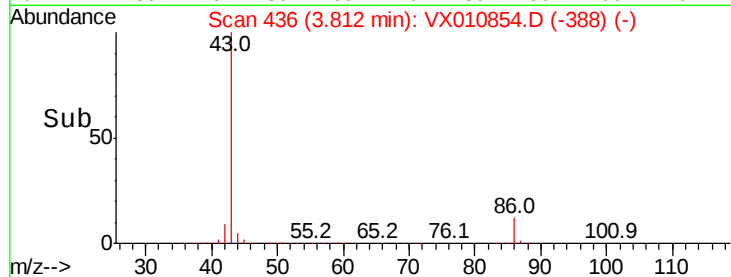
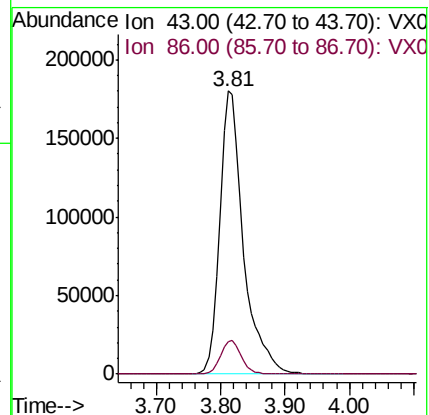
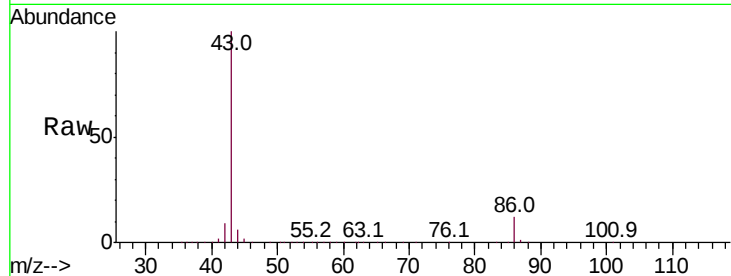
86 11.6 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.385 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

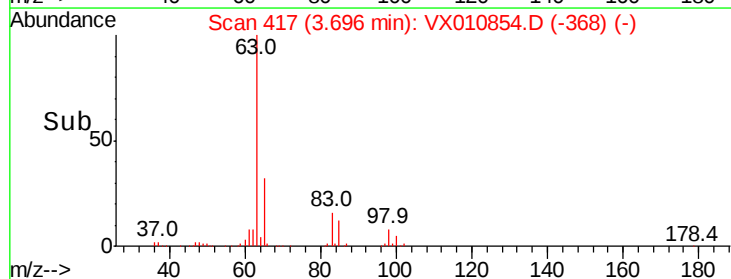
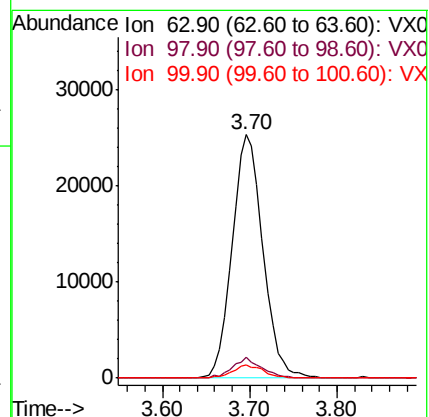
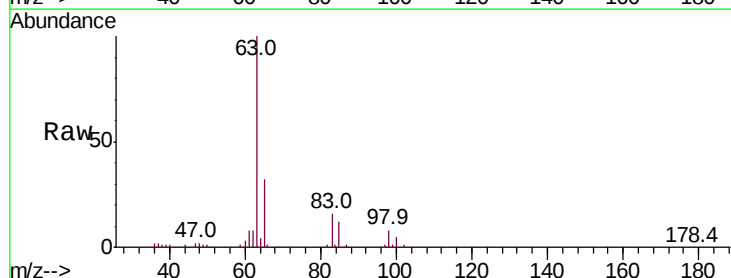
Tgt Ion: 63 Resp: 61828

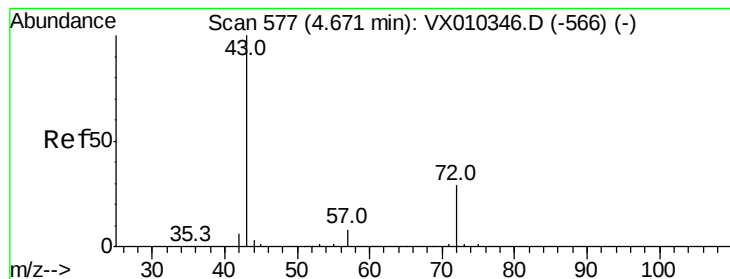
Ion Ratio Lower Upper

63 100

98 8.4 3.9 11.7

100 5.3 2.4 7.1





#25

2-Butanone

Concen: 99.694 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion: 43 Resp: 140139

Ion Ratio Lower Upper

43 100

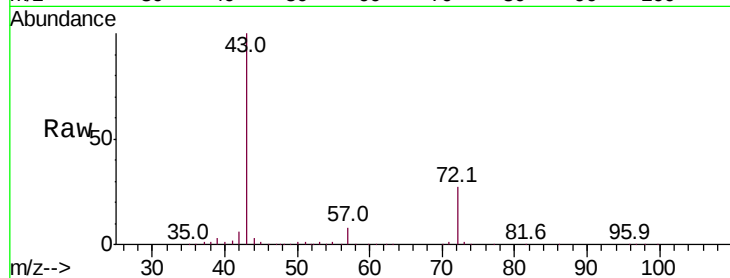
72 27.2 23.3 34.9

Manual Integrations

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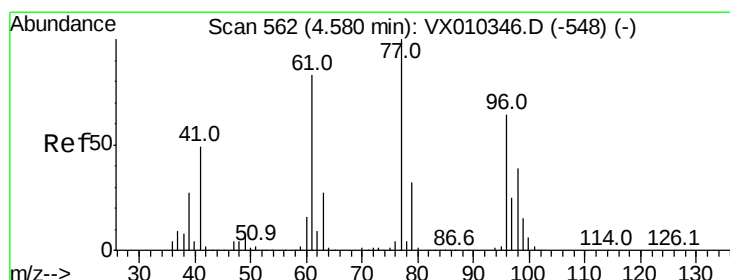
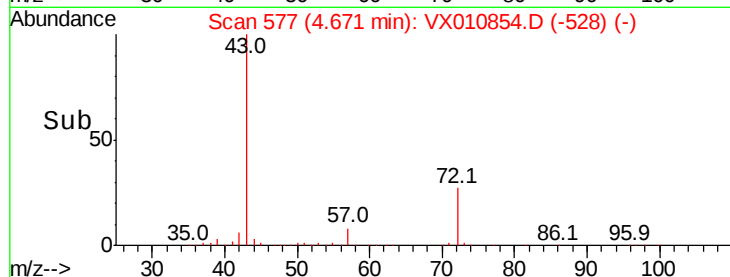
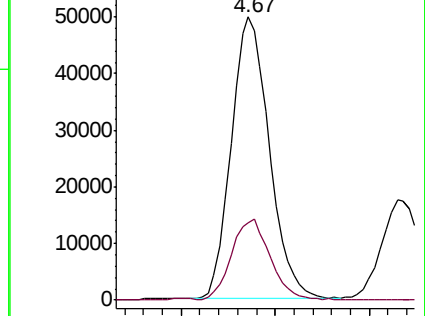
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.409 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010854.D

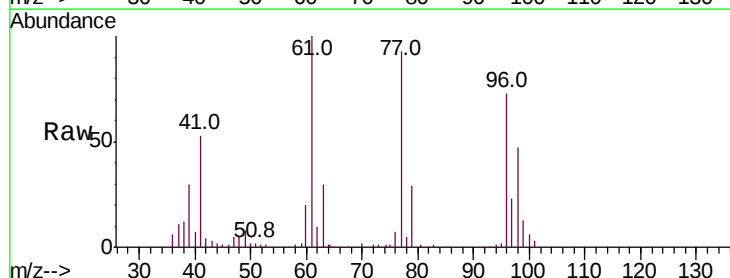
Acq: 12 Jul 2019 22:39

Tgt Ion: 77 Resp: 40599

Ion Ratio Lower Upper

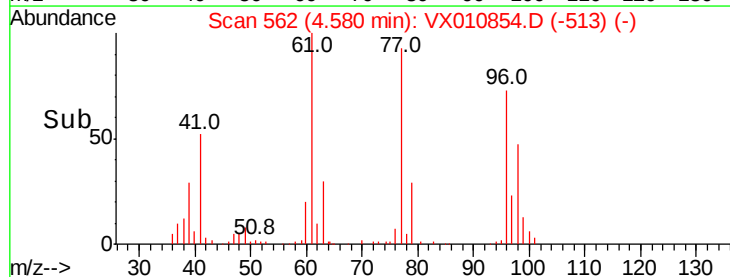
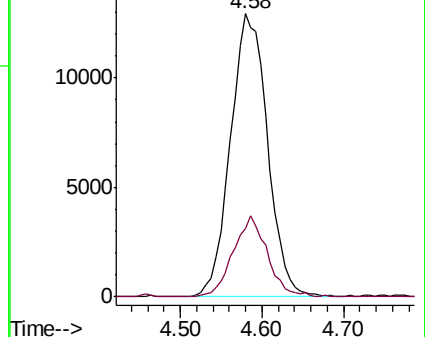
77 100

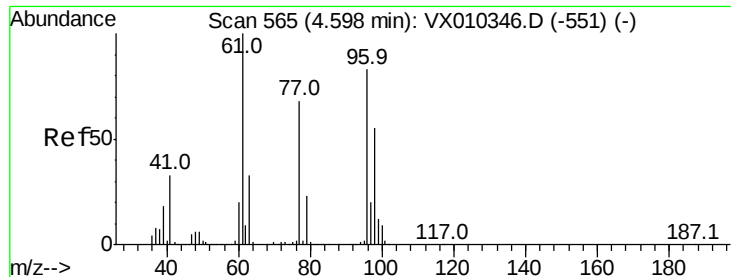
97 26.3 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

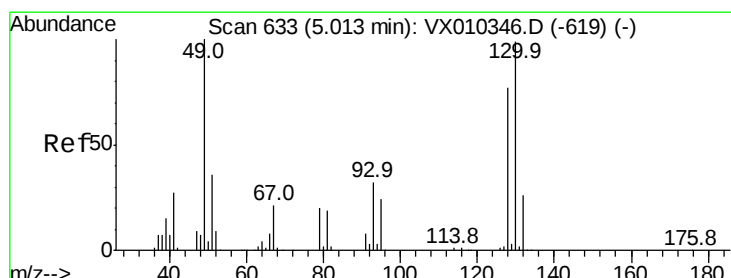
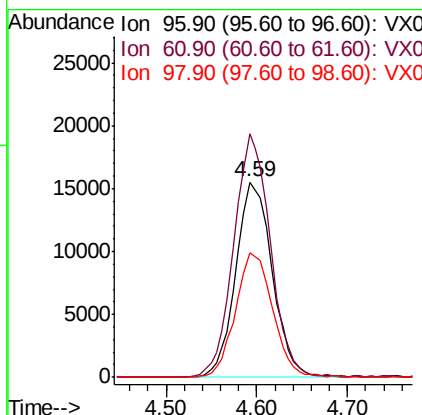
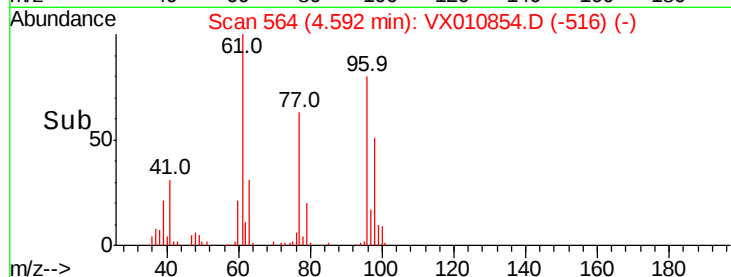
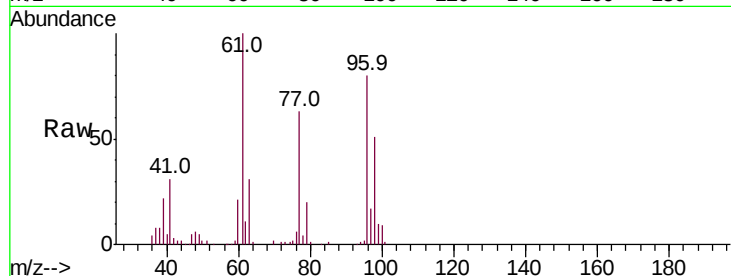
cis-1,2-Dichloroethene
Concen: 19.764 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.4	0.0	251.8
98	64.8	0.0	129.4

Manual Integrations
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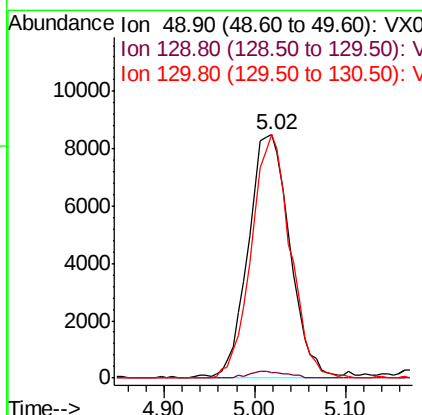
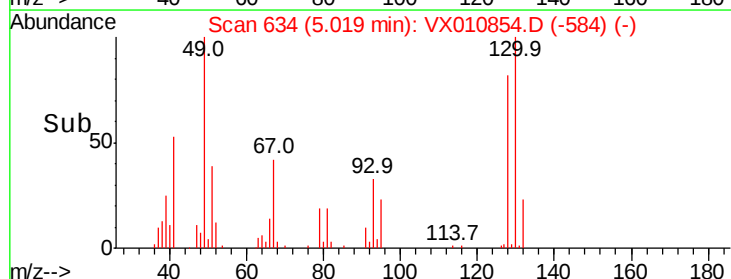
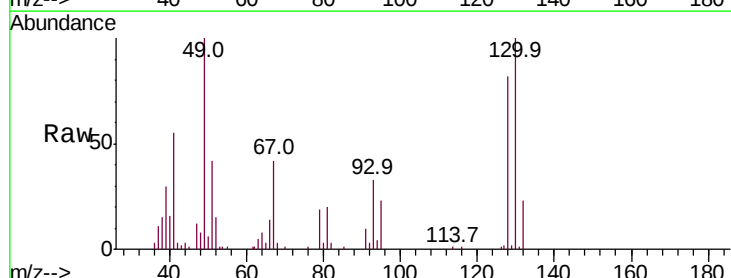
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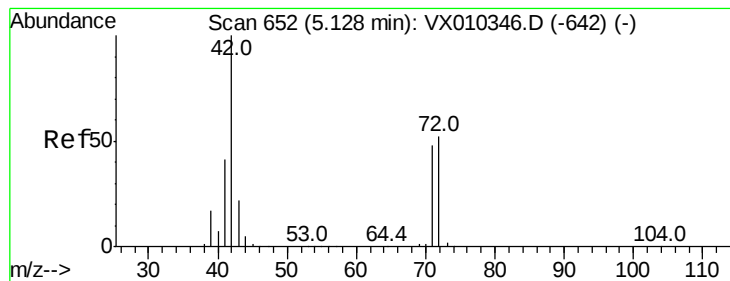


#28

Bromochloromethane
Concen: 18.604 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.6
130	93.2	81.4	122.0





#29

Tetrahydrofuran

Concen: 103.723 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

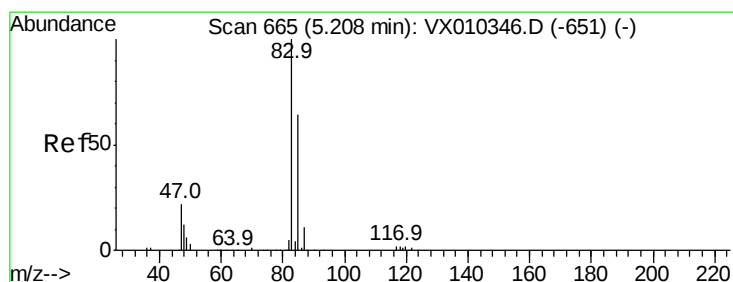
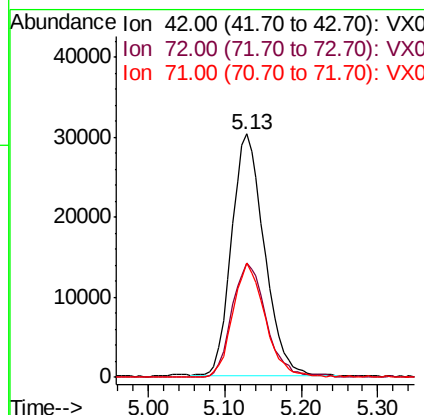
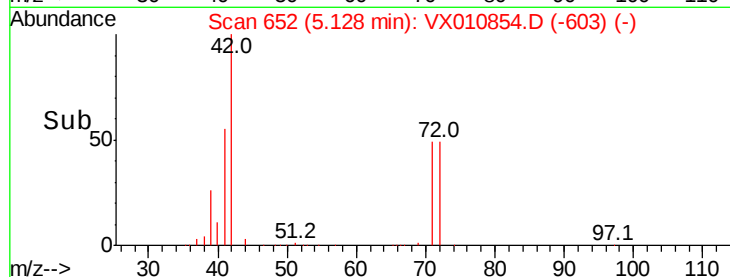
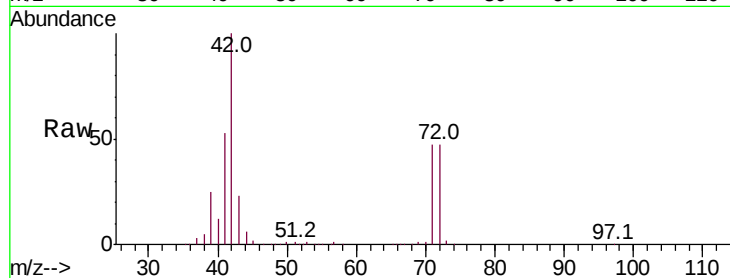
ClientSampleId :

VX0712MBS01

Tot Ion:	42	Resp:	90311
Ion Ratio	Lower	Upper	
42	100		
72	48.8	40.6	60.8
71	46.5	37.8	56.8

Manual Integrations
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#30

Chloroform

Concen: 20.783 ug/l

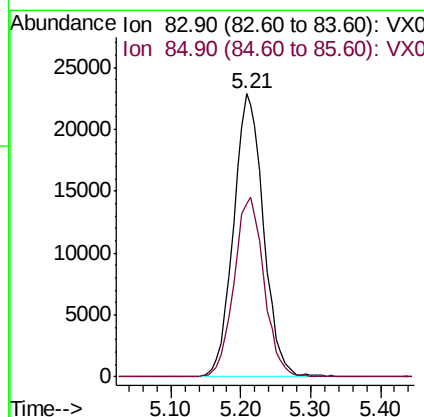
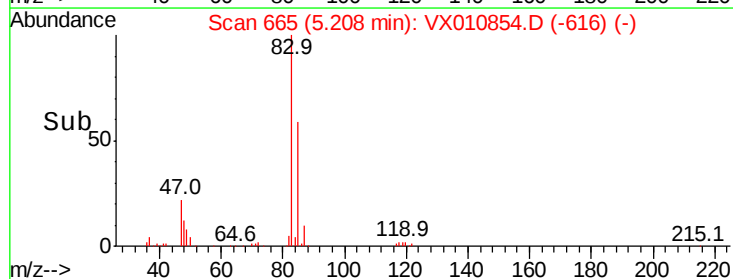
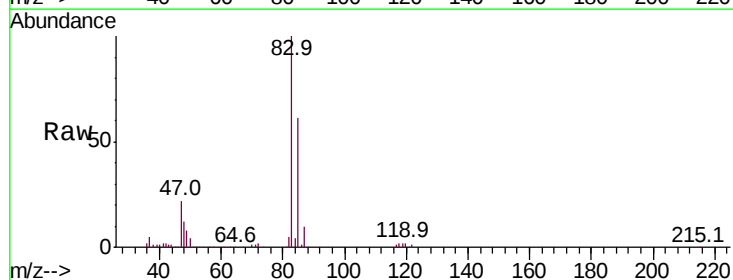
RT: 5.21 min Scan# 665

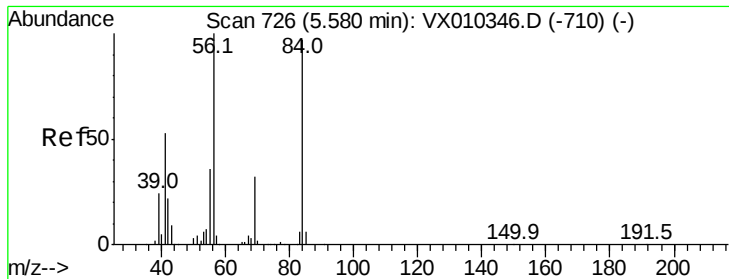
Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Tgt Ion:	83	Resp:	67822
Ion Ratio	Lower	Upper	
83	100		
85	61.2	50.9	76.3





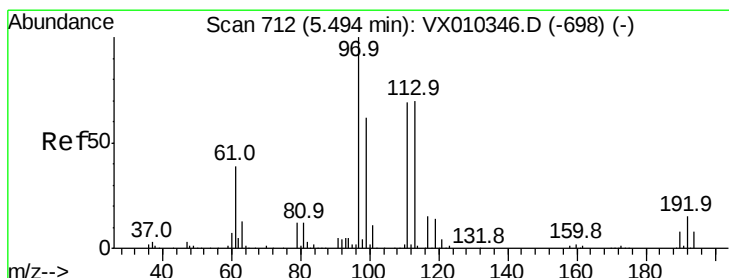
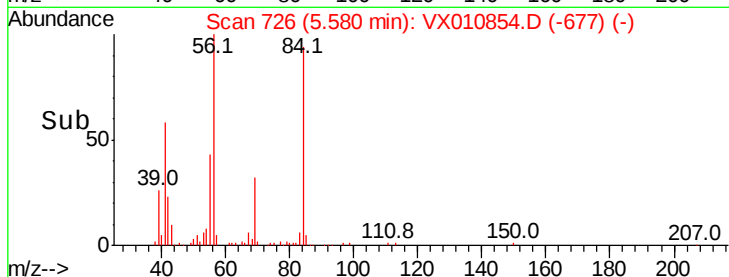
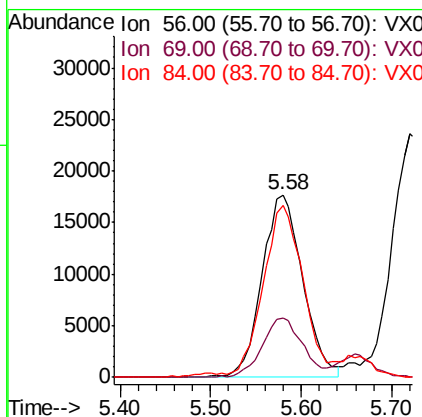
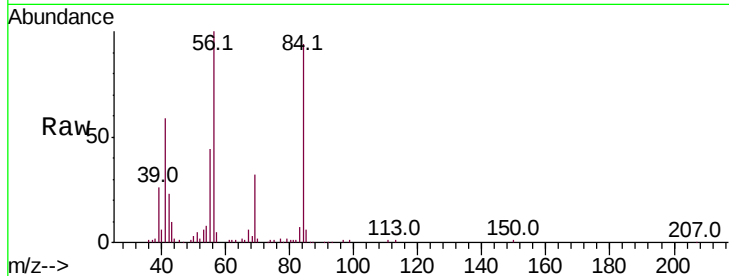
#31
Cyclohexane
Concen: 19.896 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.9	38.9
84	93.2	78.0	117.0

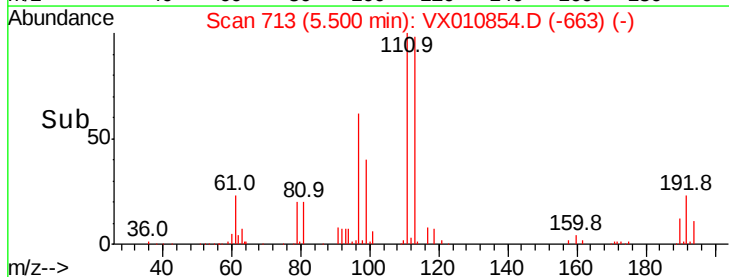
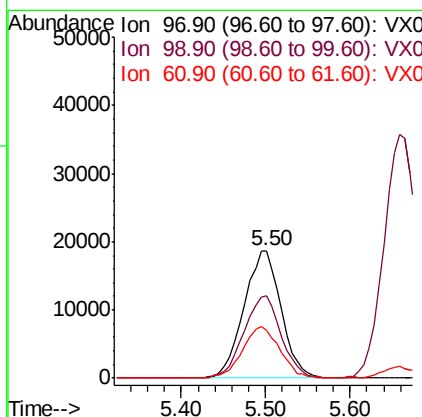
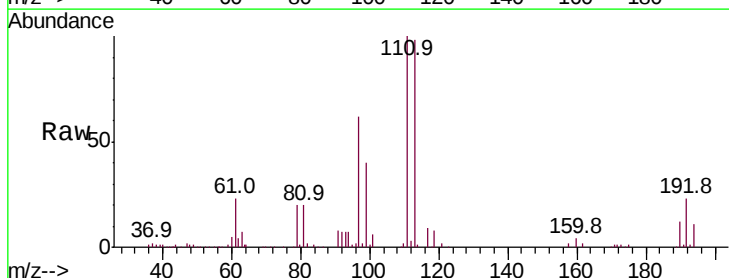
Manual Integrations
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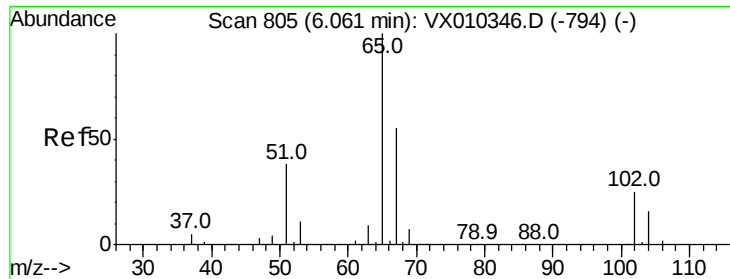
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#32
1,1,1-Trichloroethane
Concen: 19.452 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	41.1	32.1	48.1





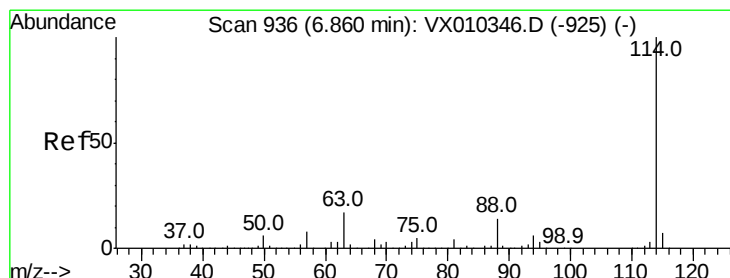
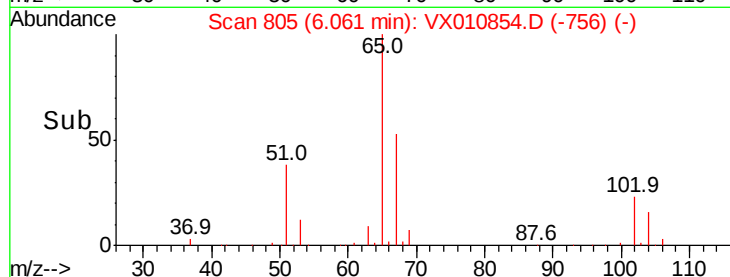
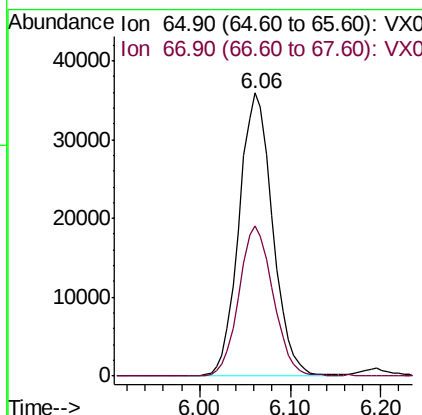
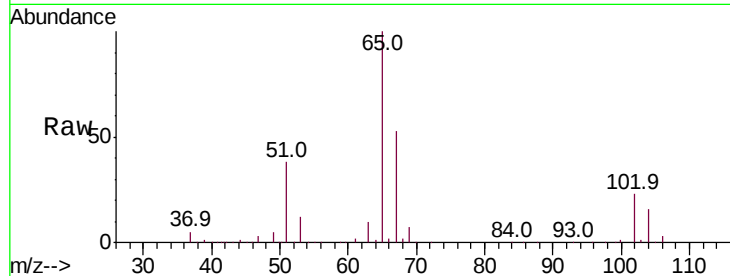
#33
 1,2-Dichloroethane-d4
 Concen: 48.403 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	110.2

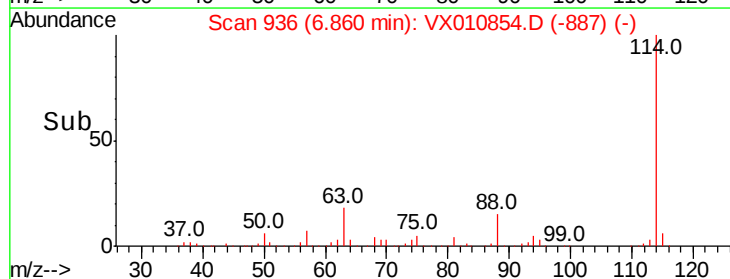
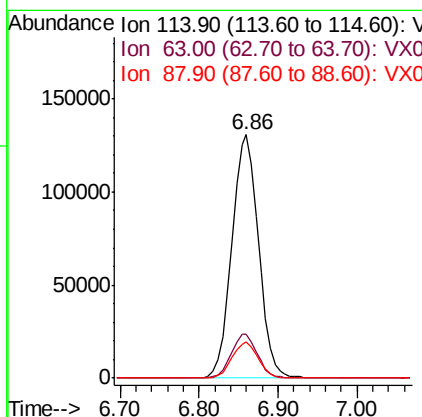
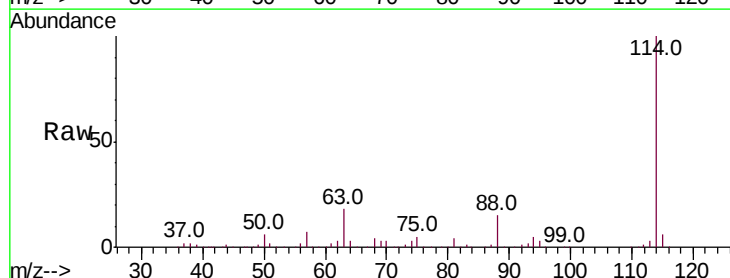
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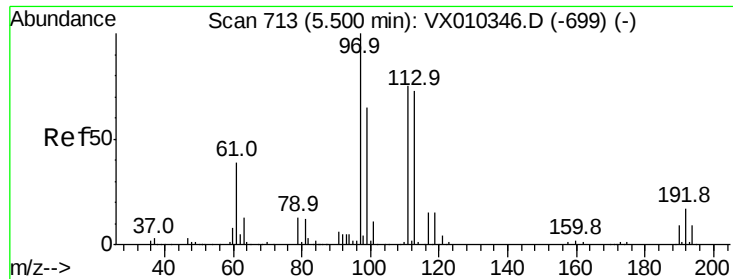
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	33.8
88	14.9	0.0	27.6





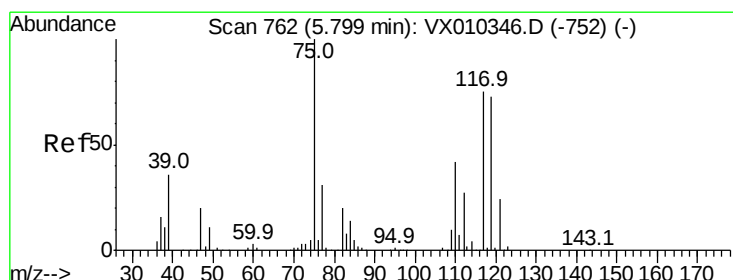
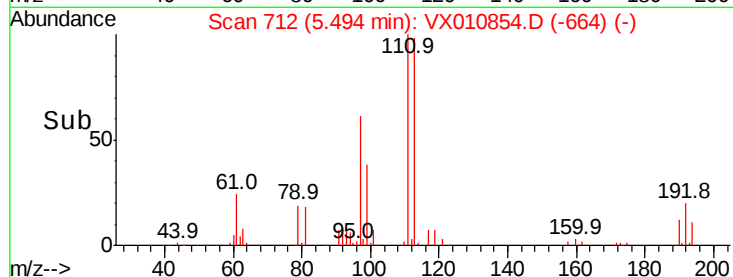
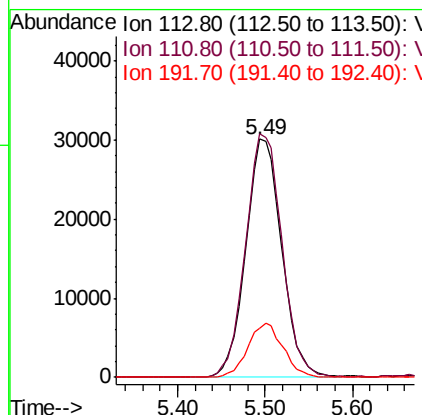
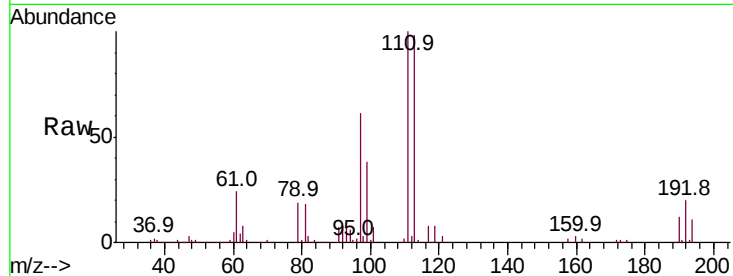
#35
Dibromofluoromethane
Concen: 45.838 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.2	121.8
192	22.3	18.6	27.8

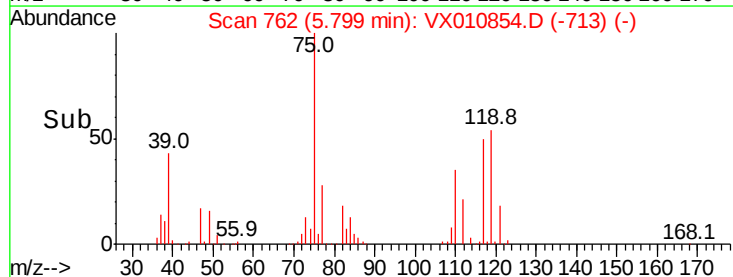
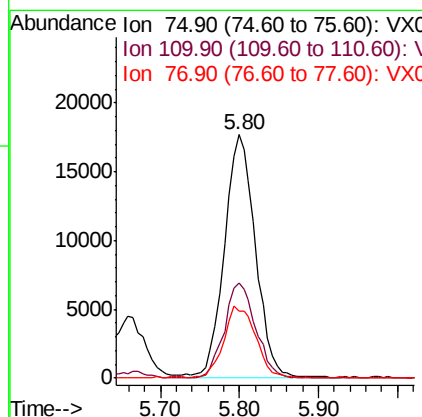
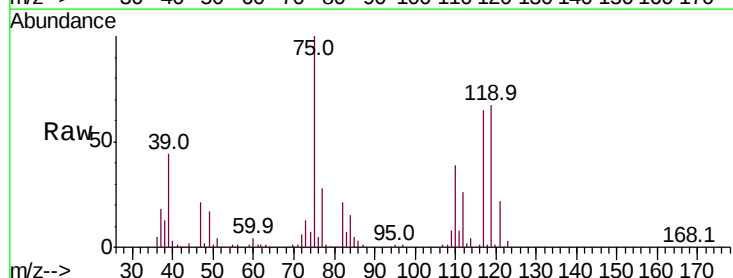
Manual Integrations
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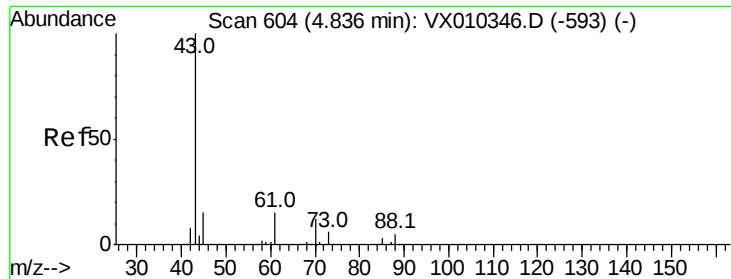
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#36
1,1-Dichloropropene
Concen: 19.607 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.2	20.8	62.2
77	30.9	25.4	38.0





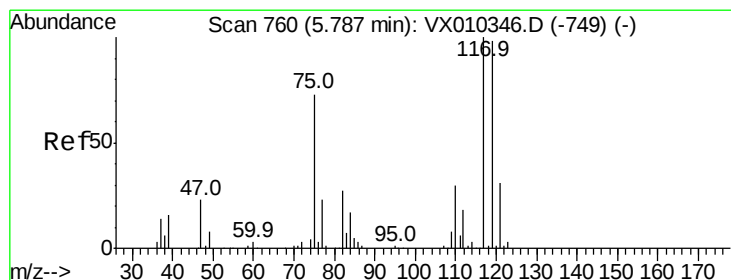
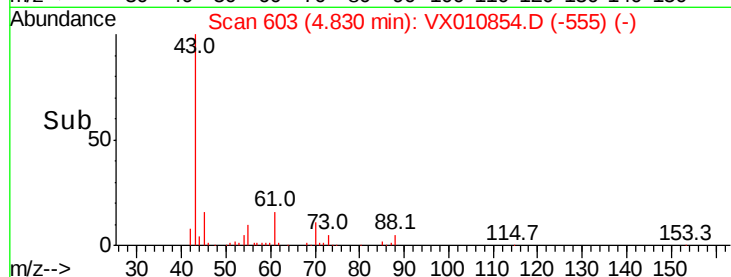
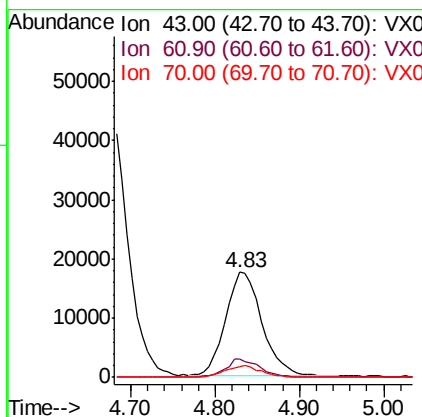
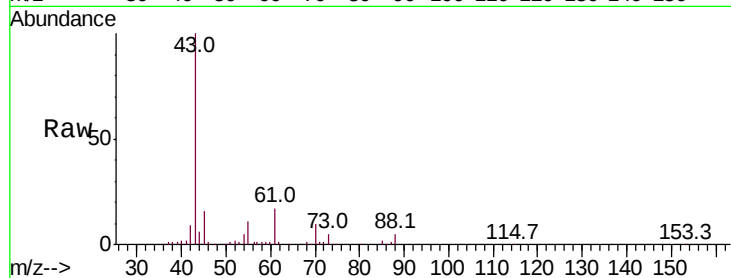
#37
Ethyl Acetate
Concen: 20.653 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleID :
VX0712MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	12.4	18.6
70	11.6	9.8	14.8

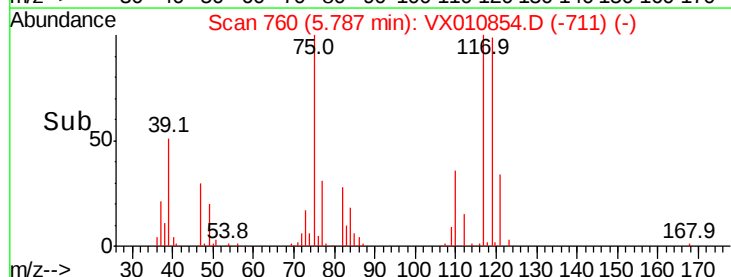
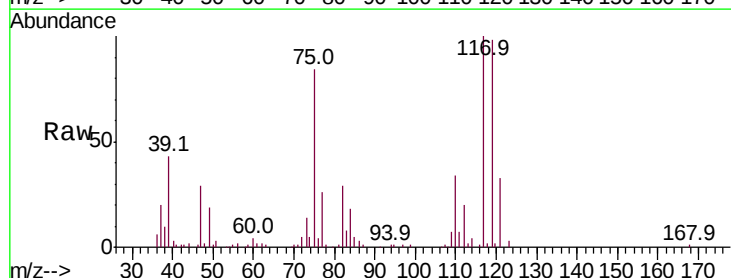
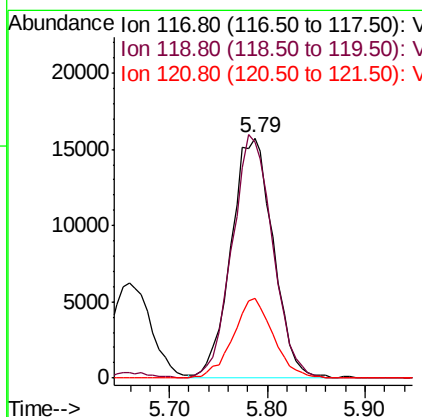
Manual Integrations
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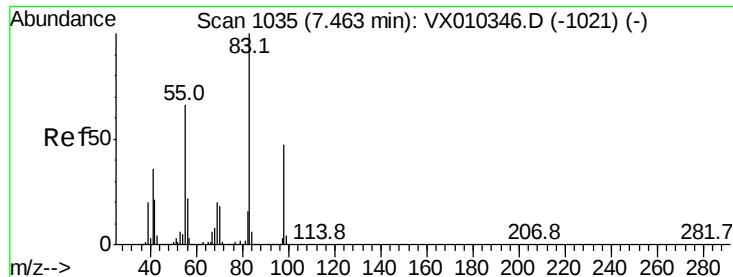
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#38
Carbon Tetrachloride
Concen: 17.812 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.2	117.4
121	33.2	24.7	37.1





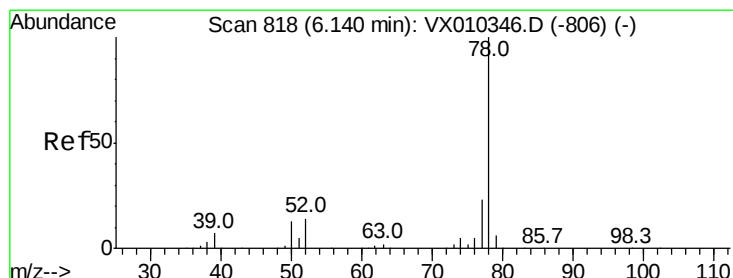
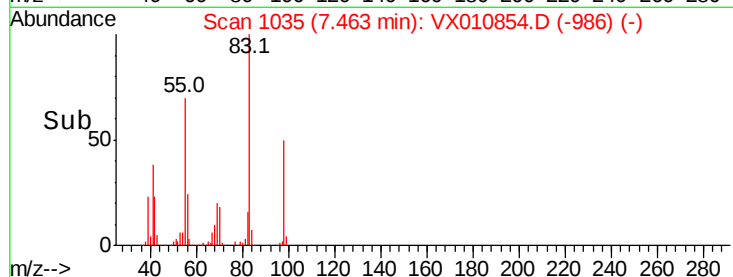
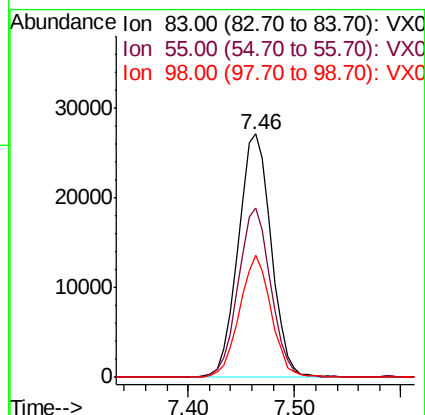
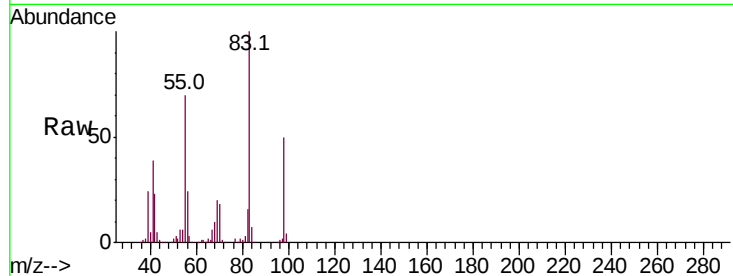
#39
Methvlcvclohexane
Concen: 18.427 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.7	53.0	79.6
98	50.3	37.8	56.8

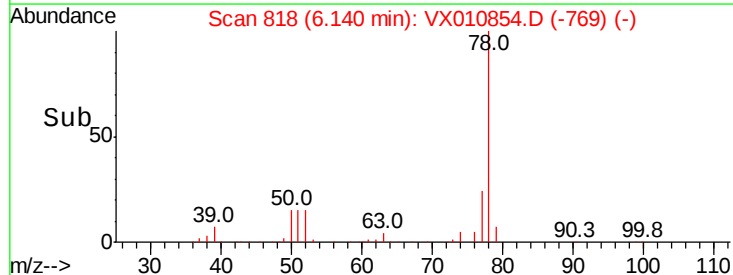
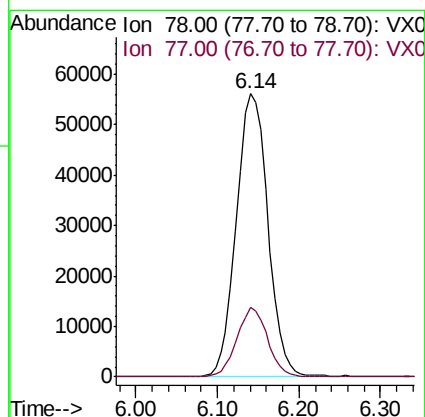
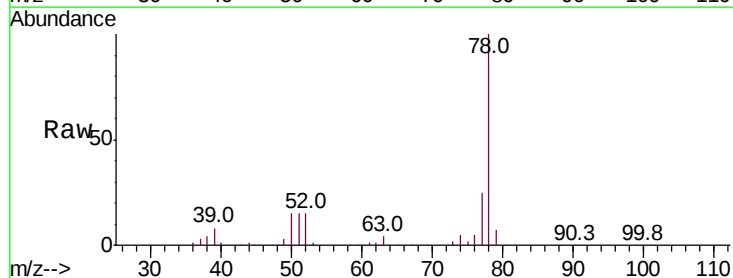
Manual Integrations
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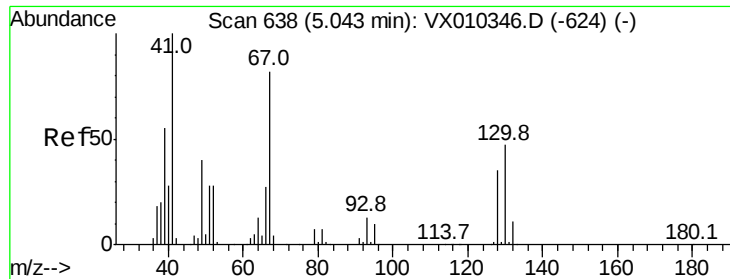
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#40
Benzene
Concen: 19.784 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.6	28.0





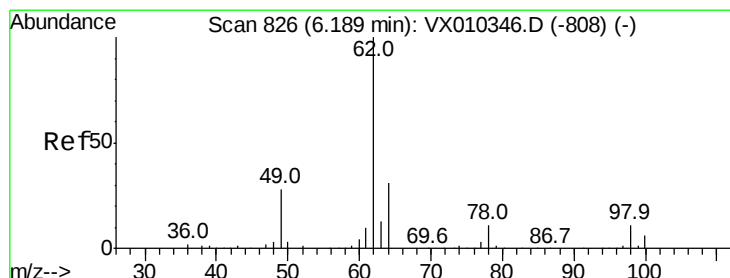
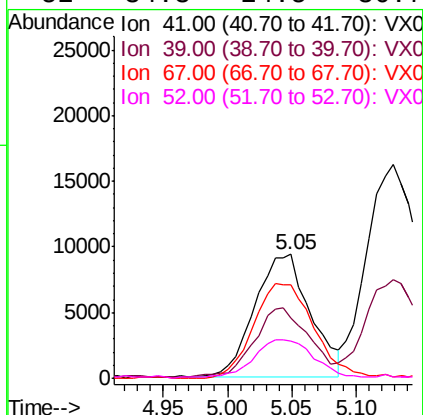
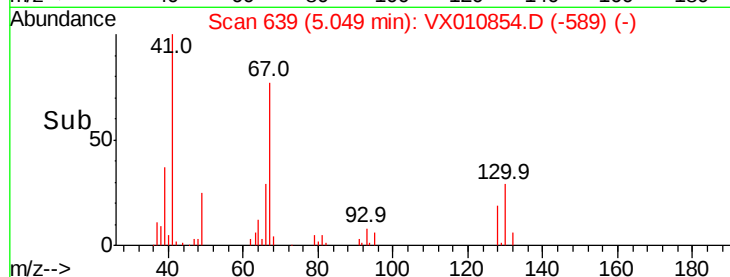
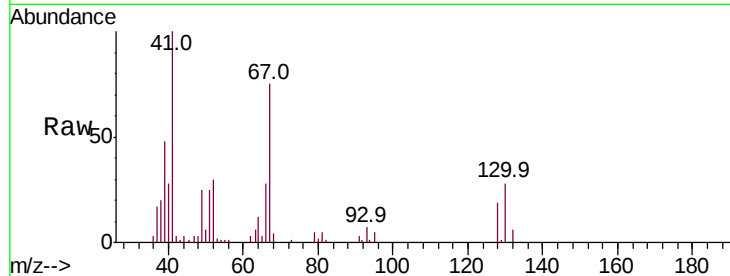
#41
Methacrylonitrile
Concen: 20.466 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion	Ion	Ratio	Lower	Upper
28225	41	100		
	39	54.1	43.8	65.8
	67	83.1	66.6	100.0
	52	34.3	24.5	36.7

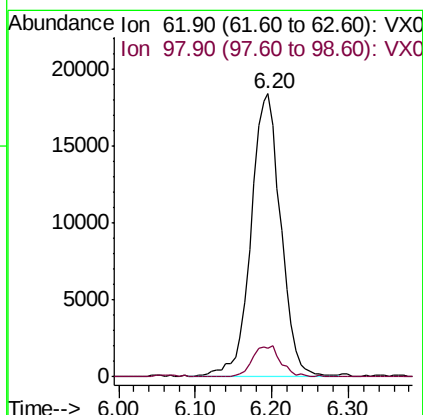
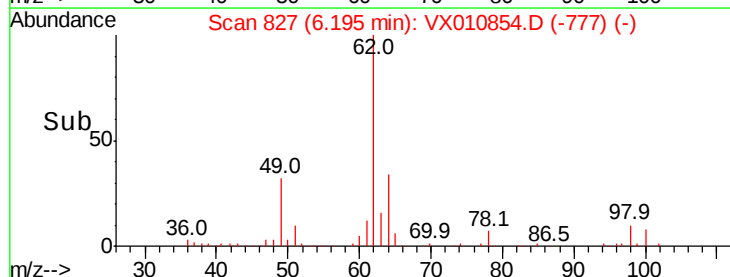
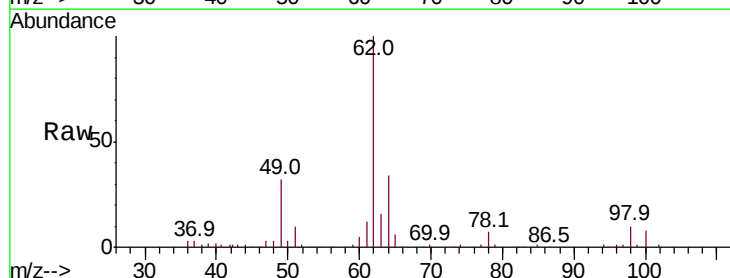
Manual Integrations
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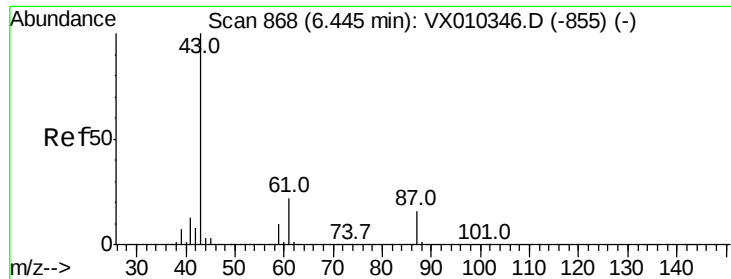
MMDadoda
7/15/2019 10:59:25 AM



#42
1,2-Dichloroethane
Concen: 21.405 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ion	Ratio	Lower	Upper
49596	62	100		
	98	10.8	0.0	22.2





#43

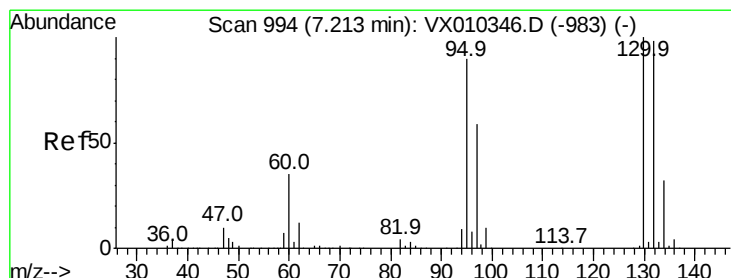
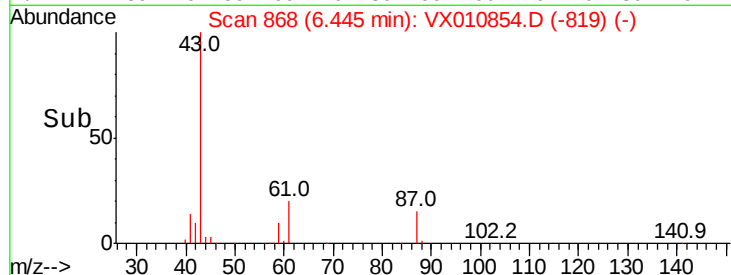
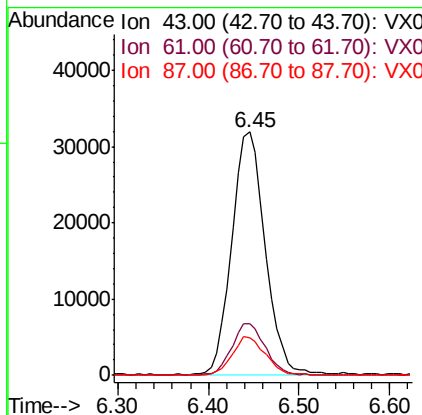
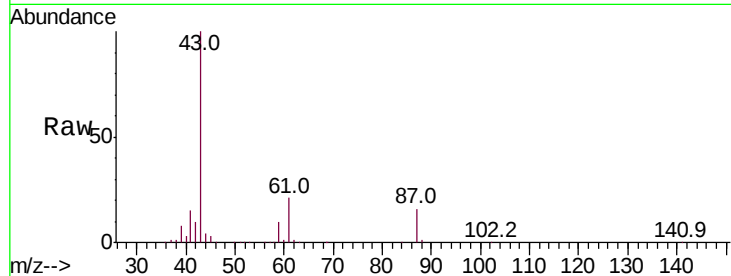
Isopropyl Acetate
 Concen: 19.546 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.8	26.6
87	15.9	13.0	19.4

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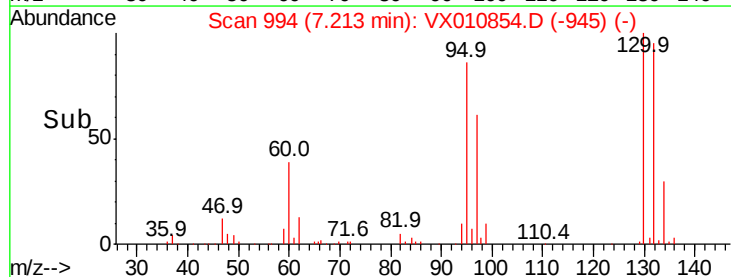
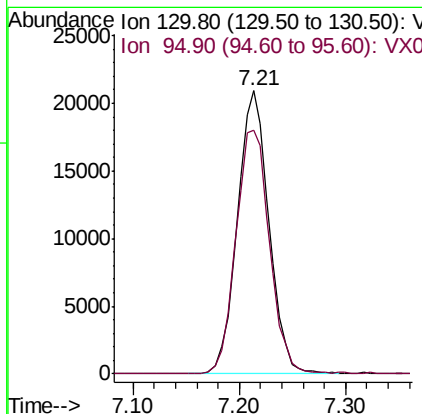
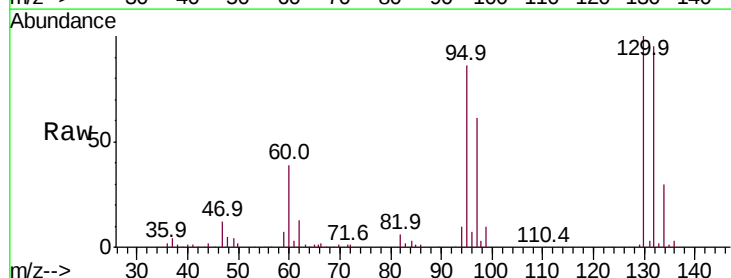
MMDadoda
 7/15/2019 10:59:25 AM

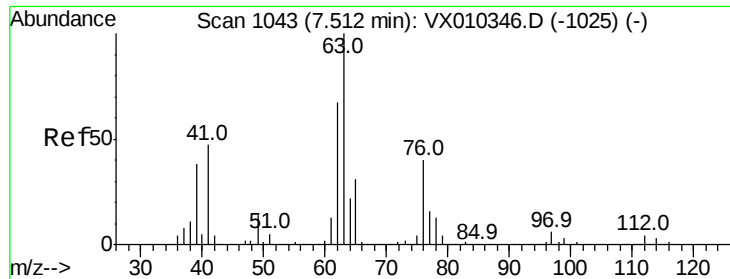


#44

Trichloroethene
 Concen: 19.087 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.1	0.0	180.8





#45

1,2-Dichloropropane

Concen: 20.065 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion: 63 Resp: 38570

Ion Ratio Lower Upper

63 100

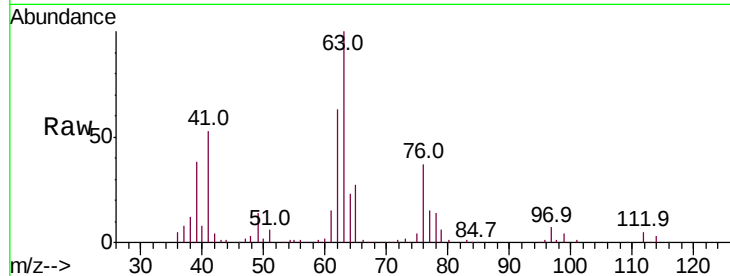
65 26.9 24.8 37.2

Manual Integrations

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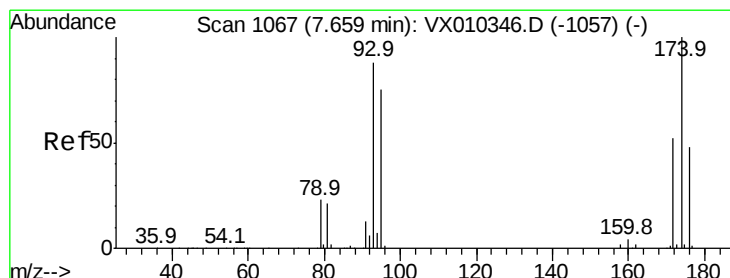
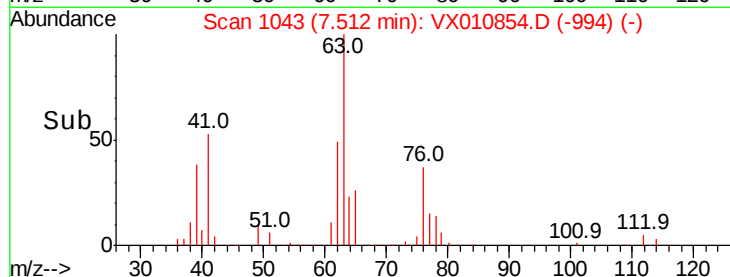
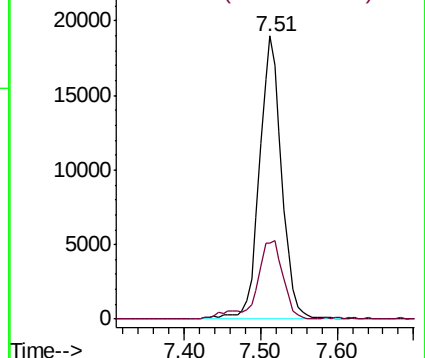
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.661 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

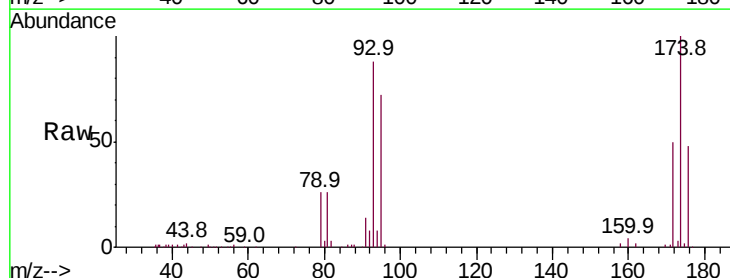
Tgt Ion: 93 Resp: 27115

Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

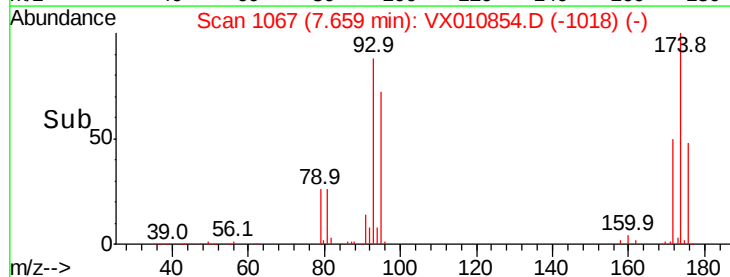
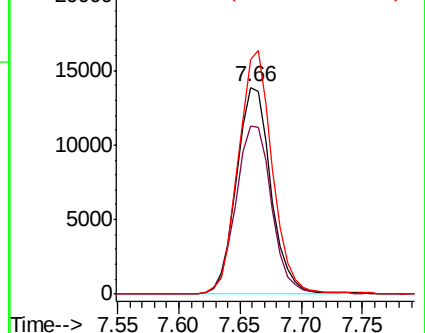
174 116.1 95.8 143.6

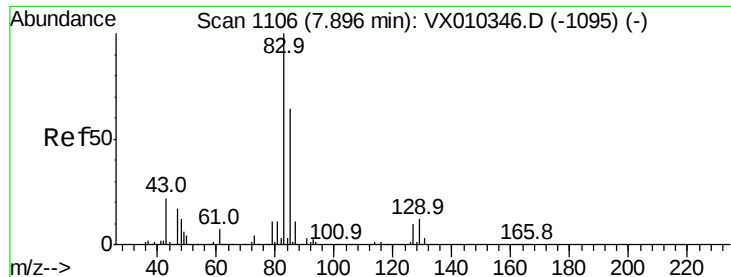


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.604 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

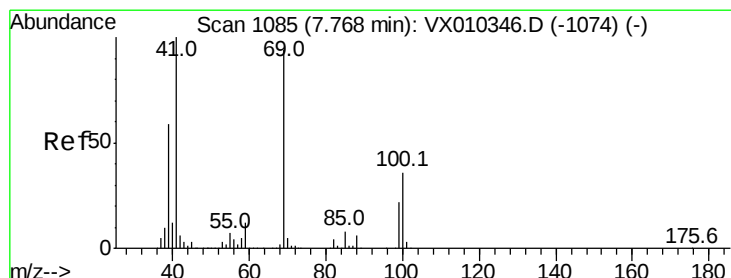
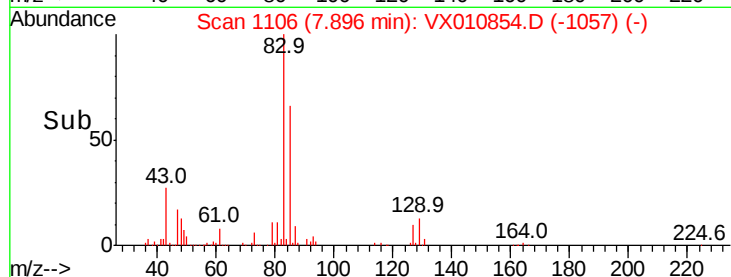
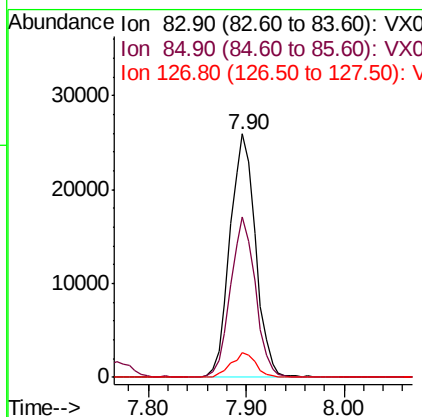
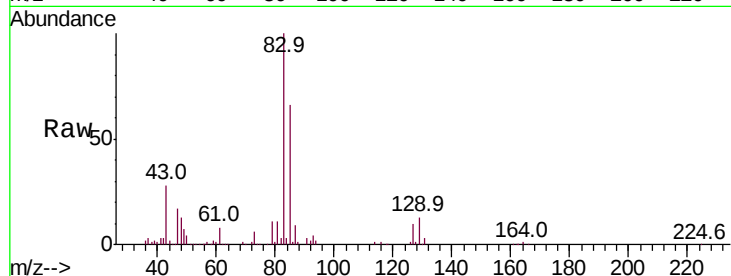
ClientSampleId :

VX0712MBS01

Tot Ion:	83	Resp:	47021
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.5	77.3
127	10.4	7.8	11.8

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#48

Methyl methacrylate

Concen: 20.466 ug/l

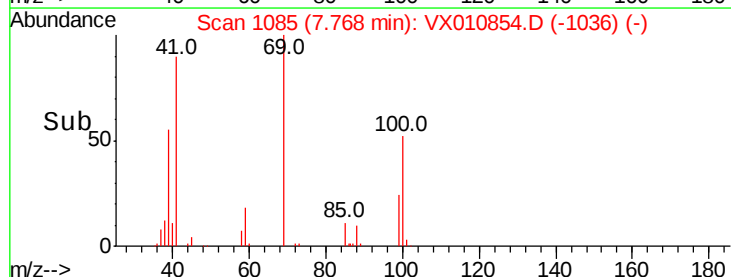
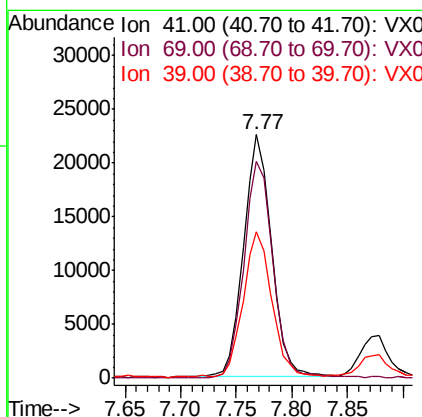
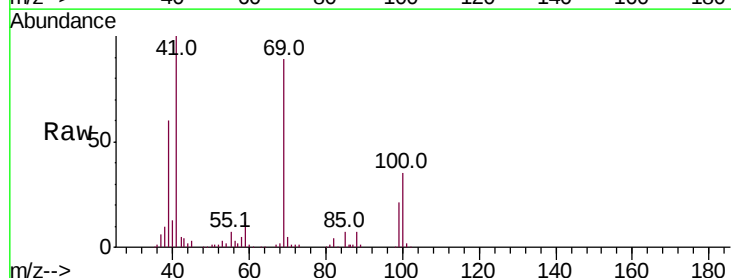
RT: 7.77 min Scan# 1085

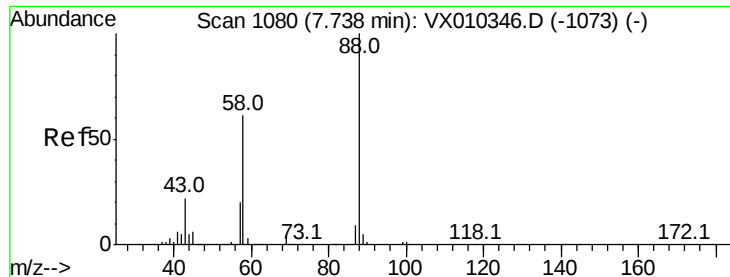
Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Tgt Ion:	41	Resp:	39561
Ion	Ratio	Lower	Upper
41	100		
69	93.1	76.1	114.1
39	60.1	47.6	71.4





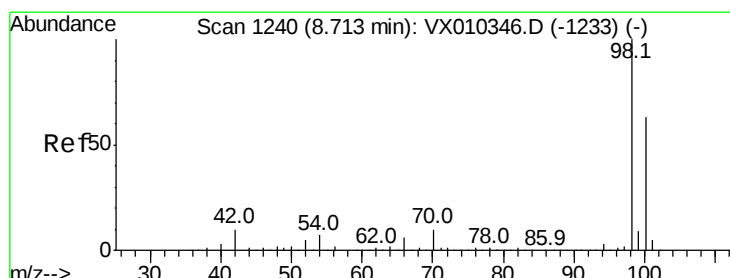
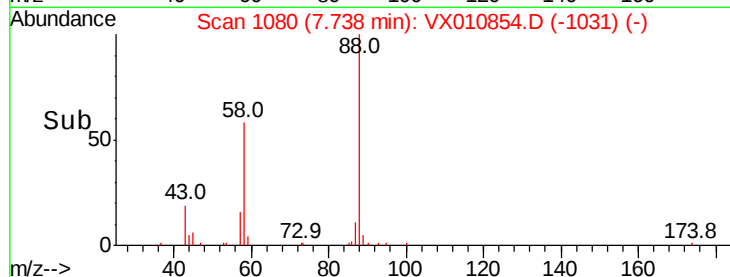
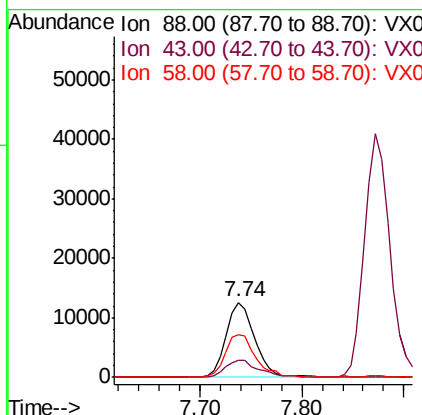
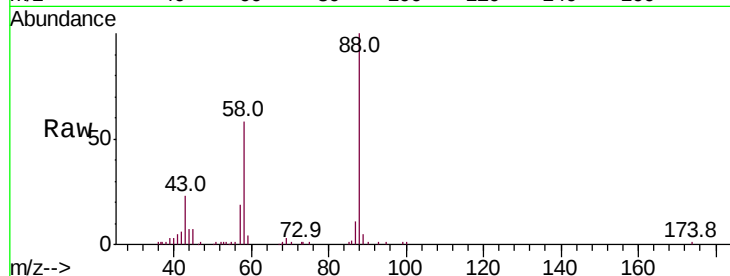
#49
1,4-Dioxane
Concen: 438.797 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.5	20.2	30.2
58	61.3	49.5	74.3

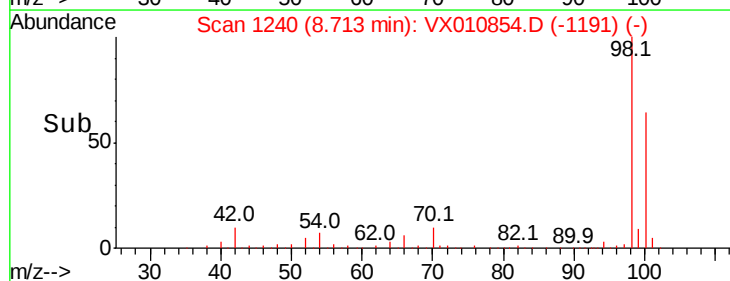
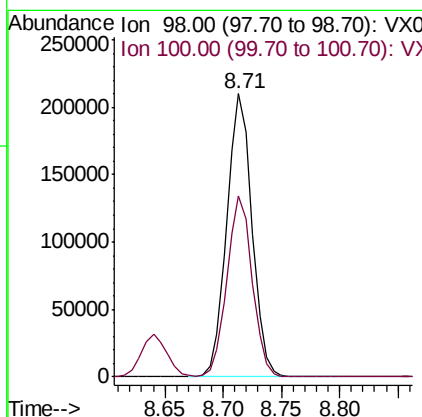
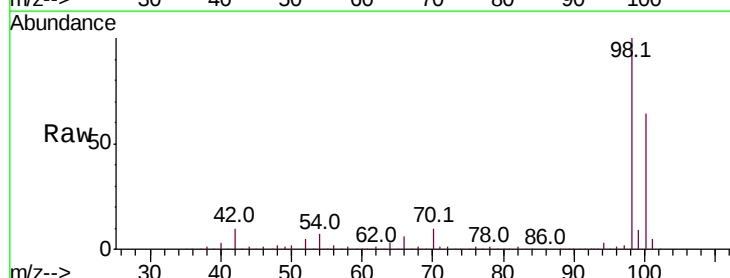
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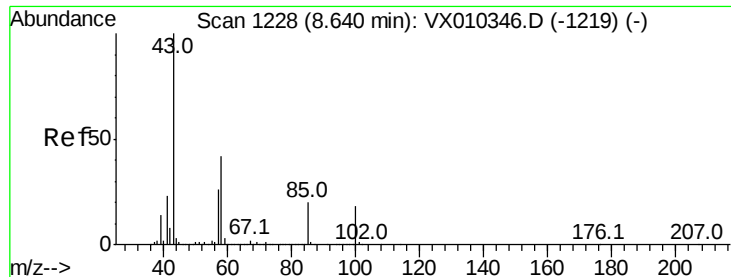
MMDadoda
7/15/2019 10:59:25 AM



#50
Toluene-d8
Concen: 43.979 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 104.996 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion: 43 Resp: 279256

Ion Ratio Lower Upper

43 100

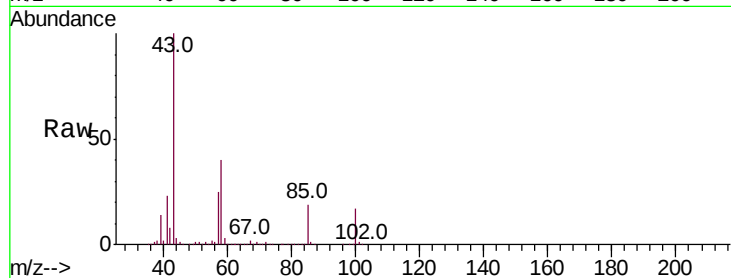
58 40.5 33.5 50.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

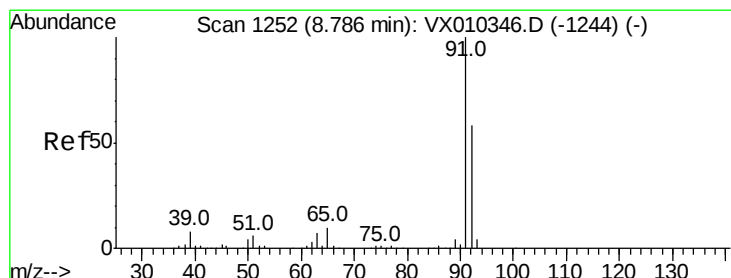
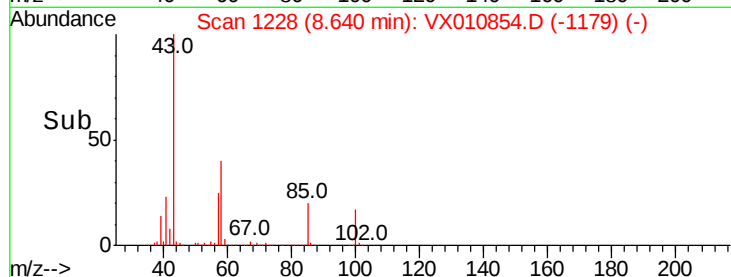
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.817 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010854.D

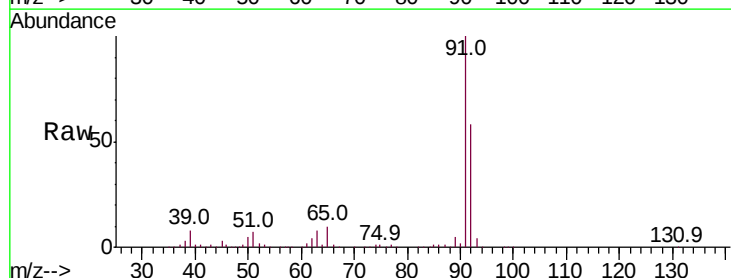
Acq: 12 Jul 2019 22:39

Tgt Ion: 92 Resp: 99336

Ion Ratio Lower Upper

92 100

91 172.1 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

120000

100000

80000

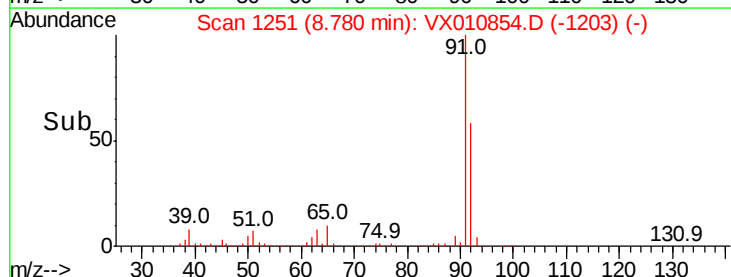
60000

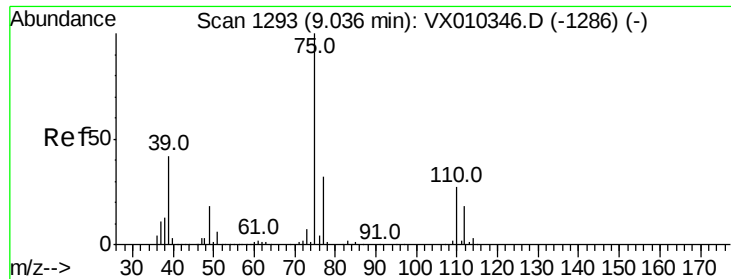
40000

20000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 16.619 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion: 75 Resp: 47091

Ion Ratio Lower Upper

75 100

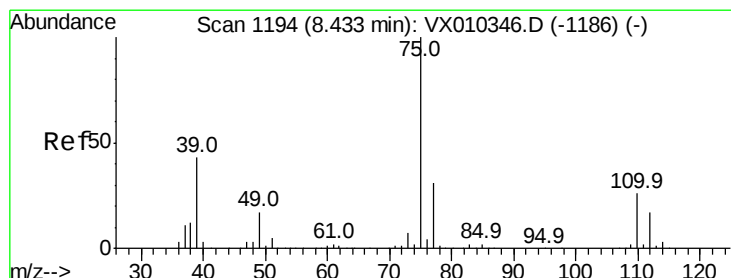
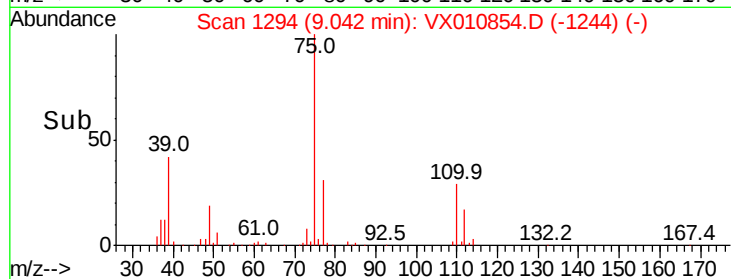
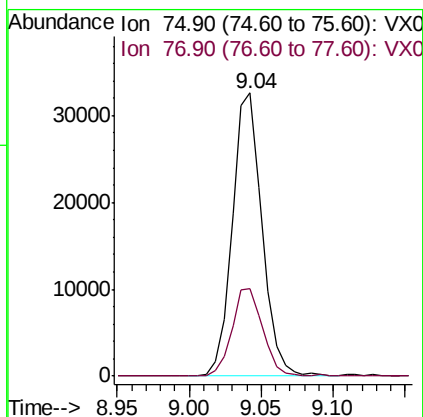
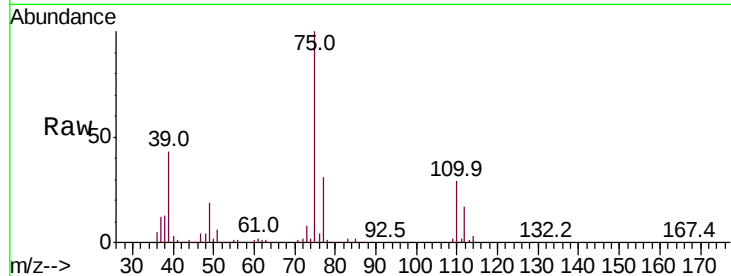
77 31.1 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 17.732 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

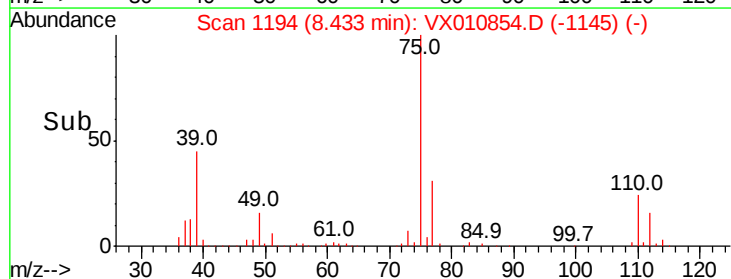
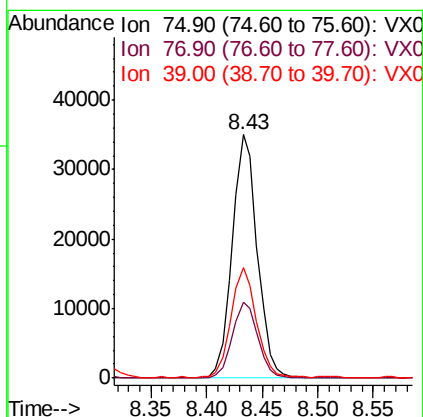
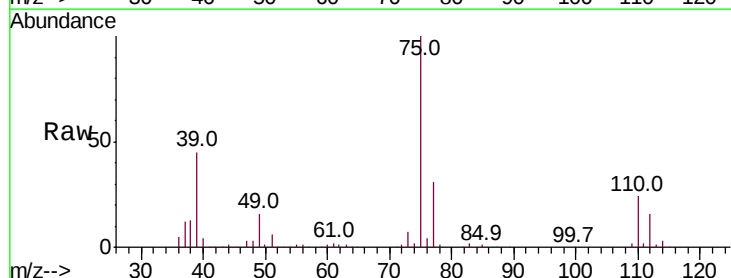
Tgt Ion: 75 Resp: 54604

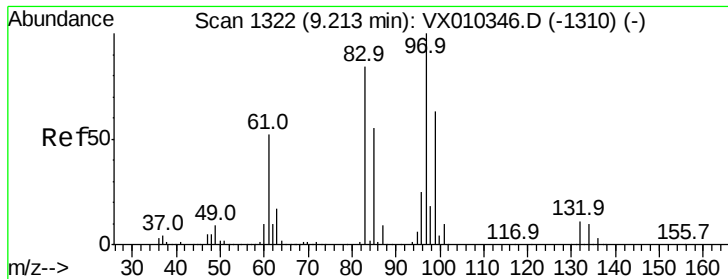
Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 44.9 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 19.914 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion: 97 Resp: 41170

Ion Ratio Lower Upper

97 100

83 86.9 67.4 101.0

85 55.1 43.8 65.8

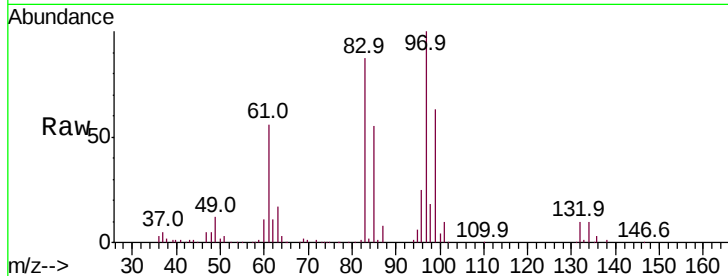
99 63.0 50.3 75.5

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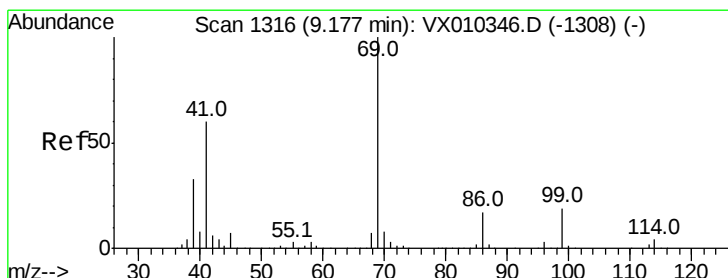
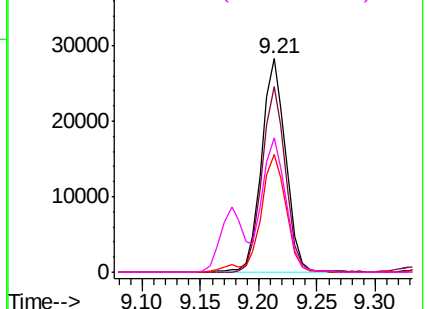
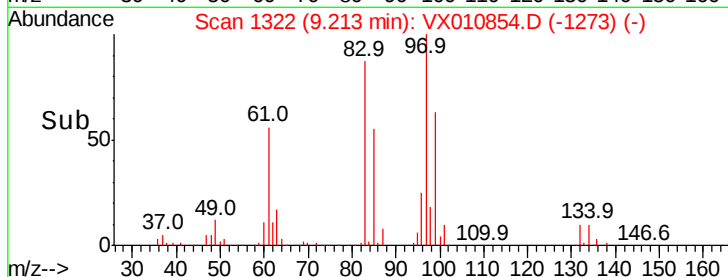
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.610 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

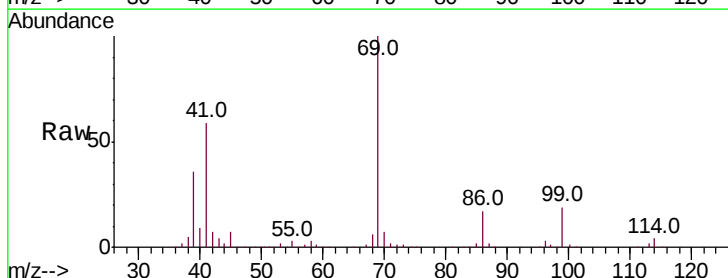
Tgt Ion: 69 Resp: 61413

Ion Ratio Lower Upper

69 100

41 60.9 47.1 70.7

39 36.1 26.6 40.0

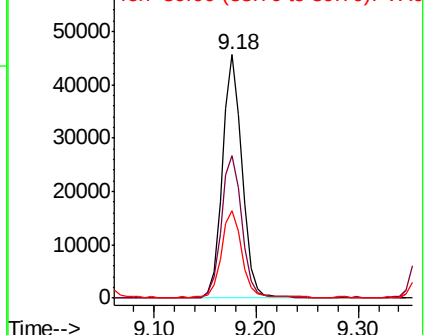
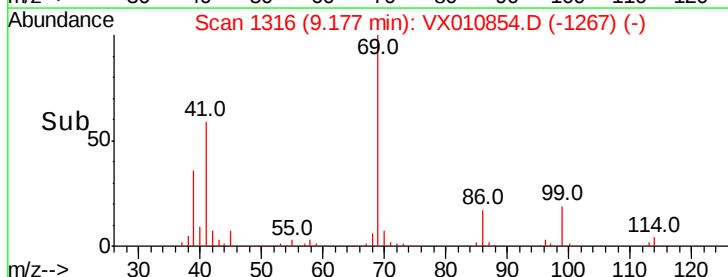


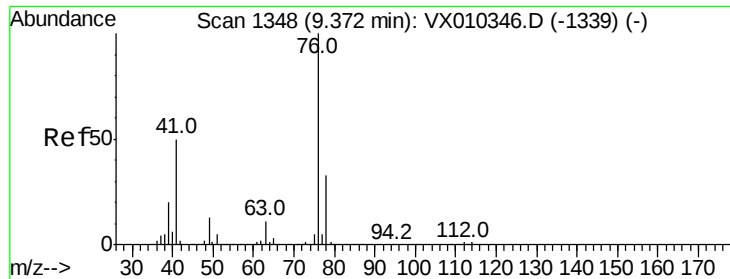
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





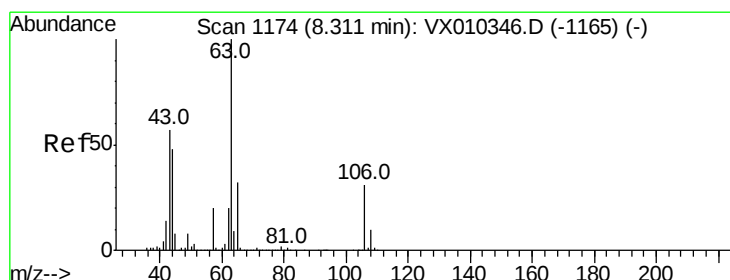
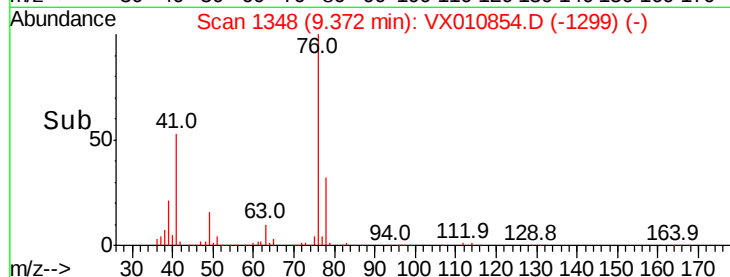
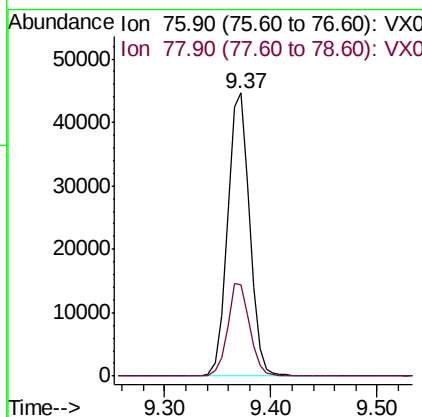
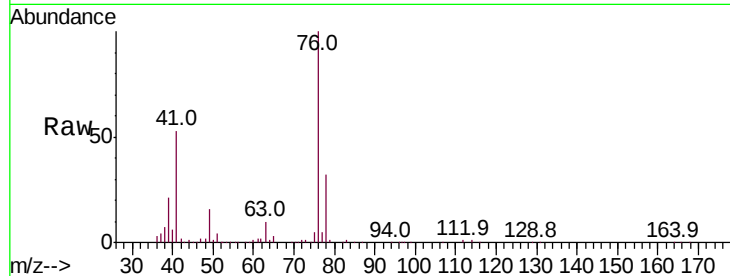
#57
 1,3-Dichloropropane
 Concen: 20.167 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Tot Ion: 76 Resp: 64719
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1

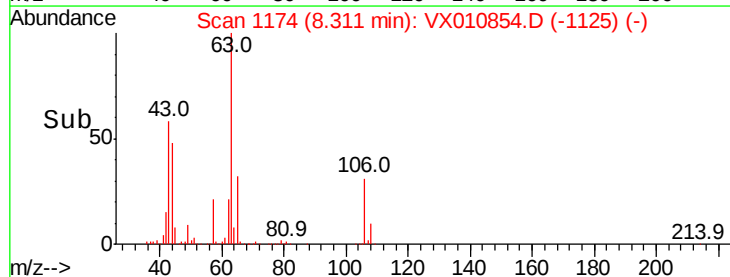
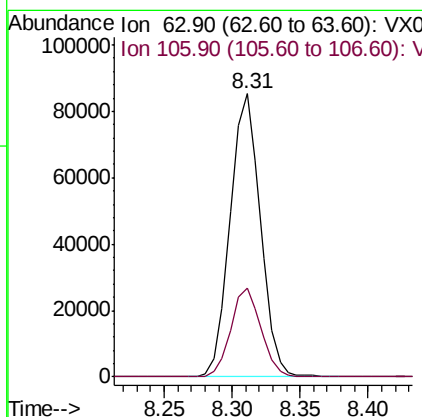
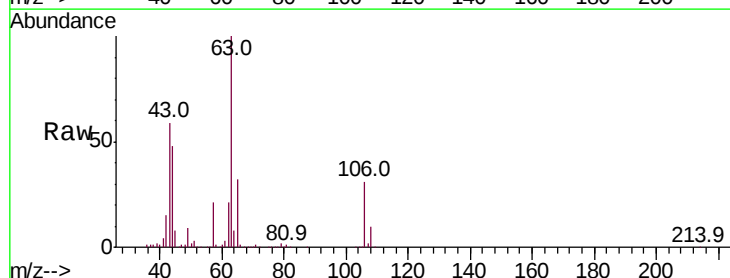
Manual Integrations
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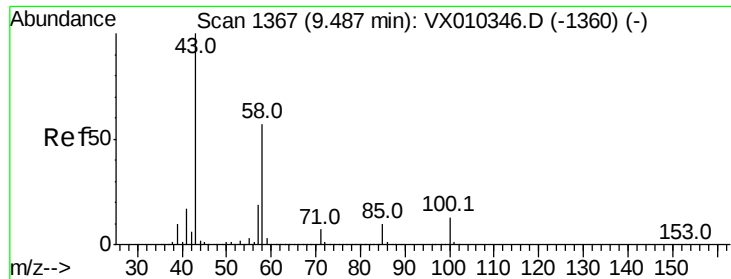
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 88.757 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion: 63 Resp: 132014
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.7 37.1





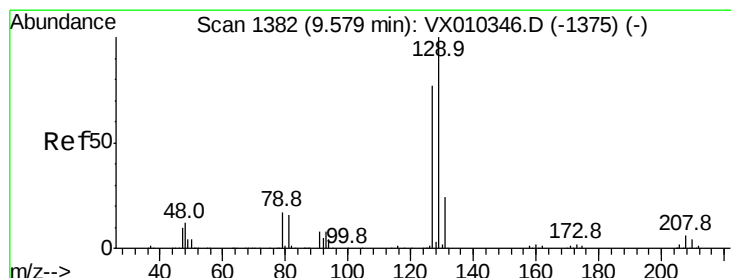
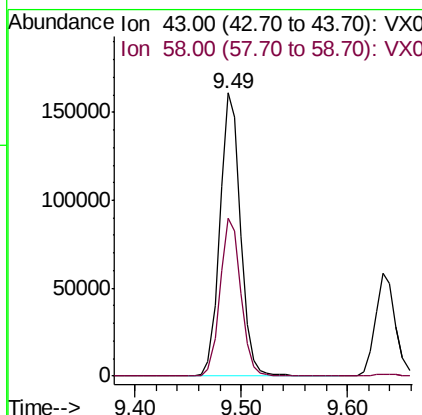
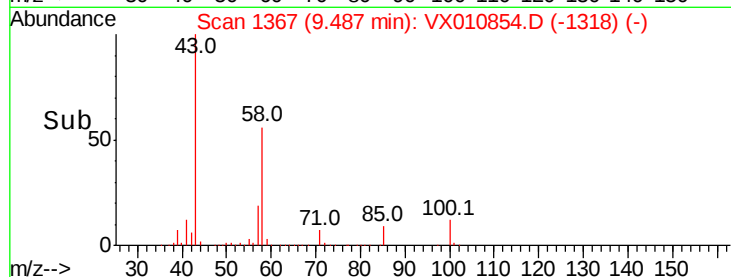
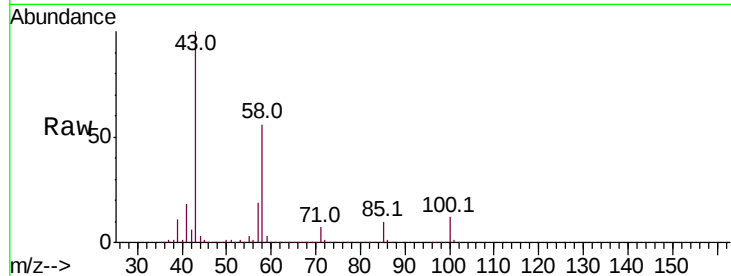
#59
2-Hexanone
Concen: 104.061 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion: 43 Resp: 217828
Ion Ratio Lower Upper
43 100
58 56.3 29.0 87.1

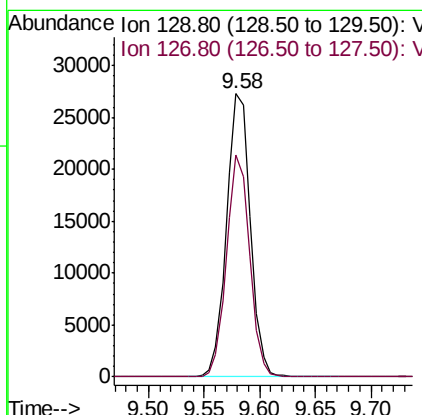
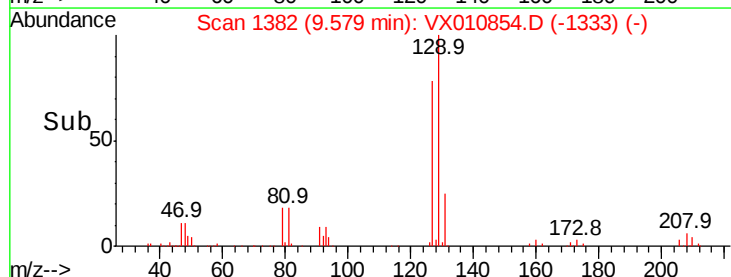
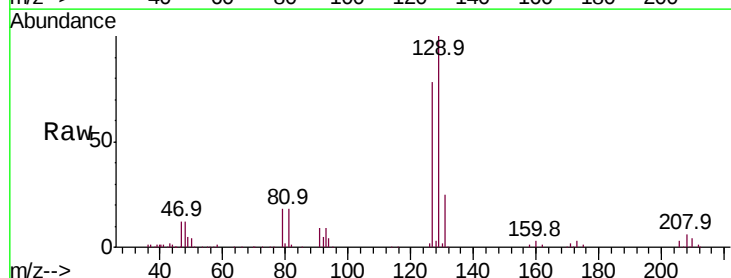
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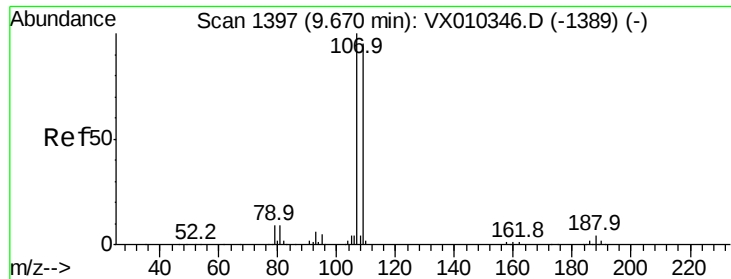
MMDadoda
7/15/2019 10:59:25 AM



#60
Dibromochloromethane
Concen: 17.420 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion: 129 Resp: 40323
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.712 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion:107 Resp: 43986

Ion Ratio Lower Upper

107 100

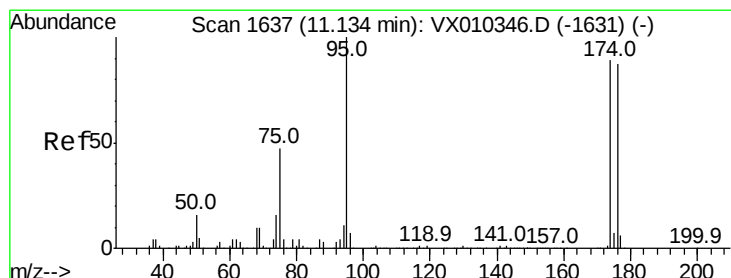
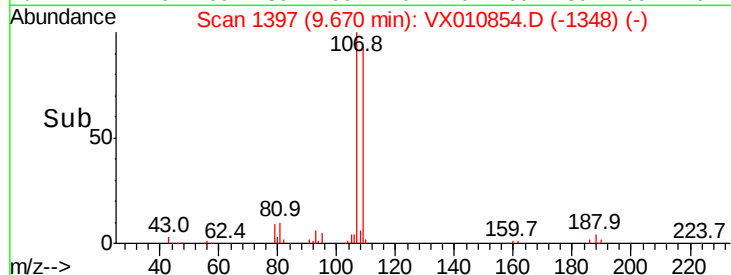
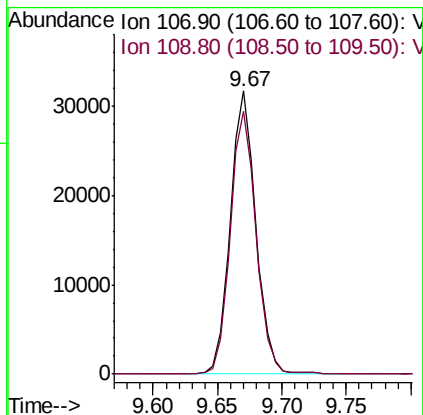
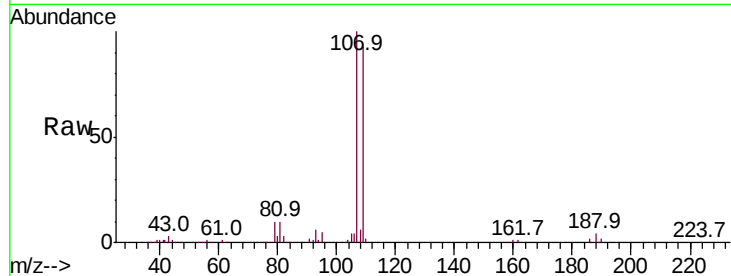
109 93.6 75.8 113.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 44.786 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

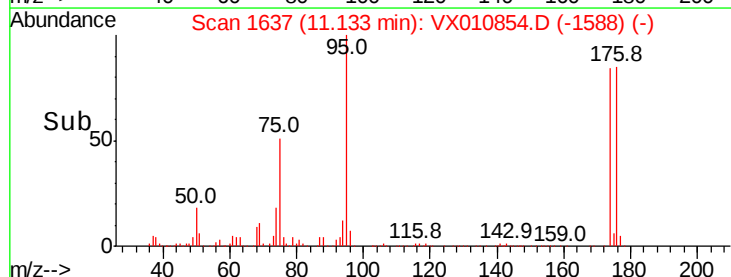
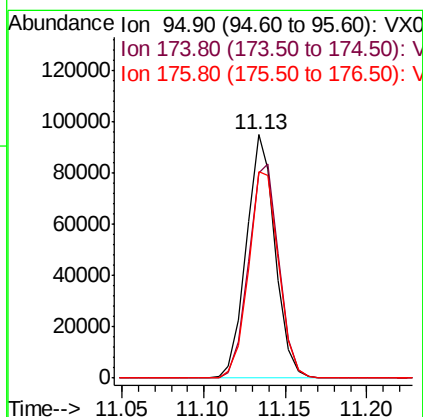
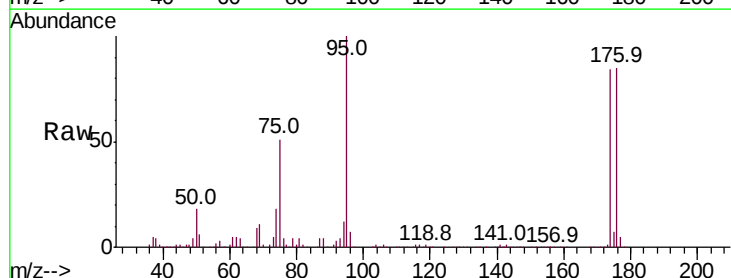
Tgt Ion: 95 Resp: 116368

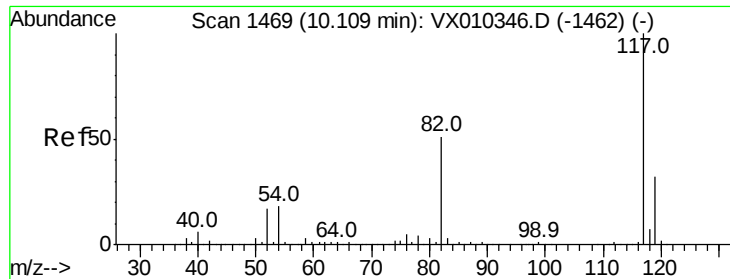
Ion Ratio Lower Upper

95 100

174 92.7 0.0 187.6

176 89.2 0.0 184.0





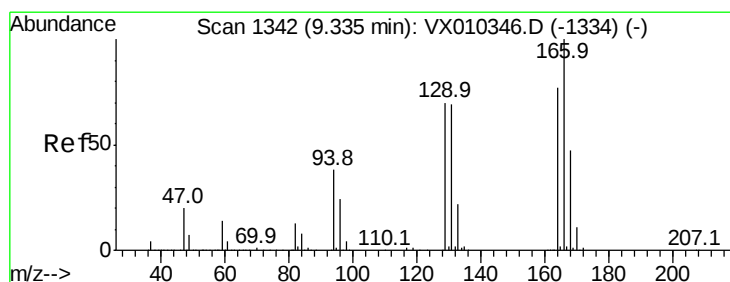
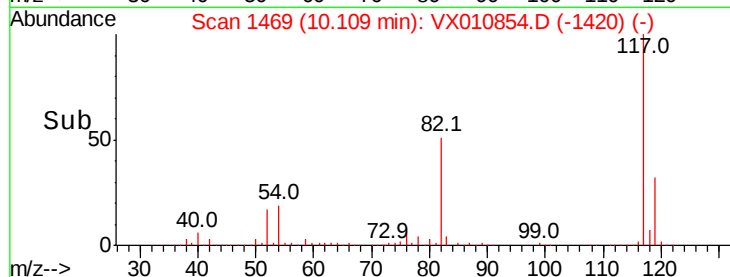
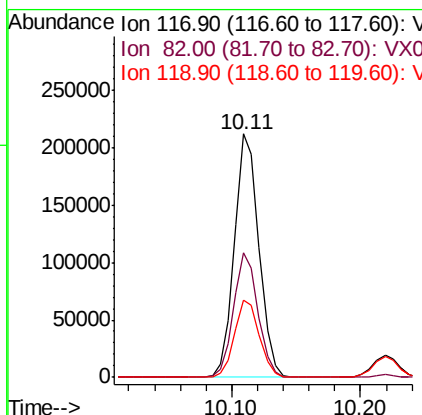
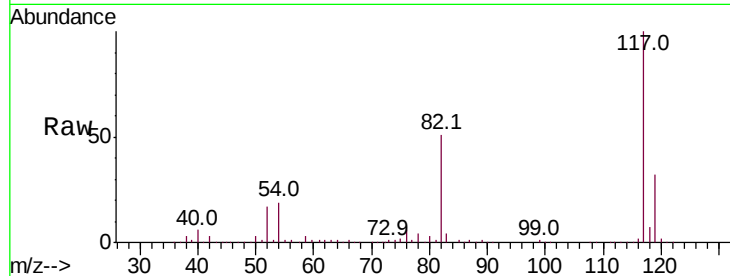
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.2	61.8
119	31.7	25.5	38.3

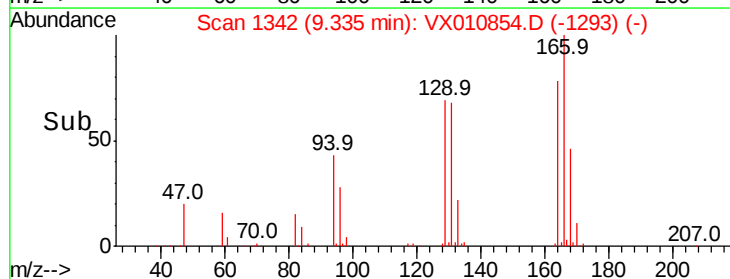
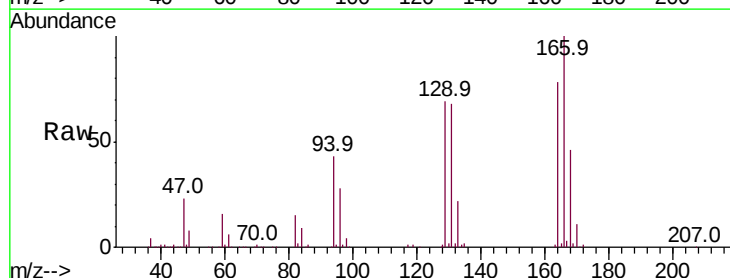
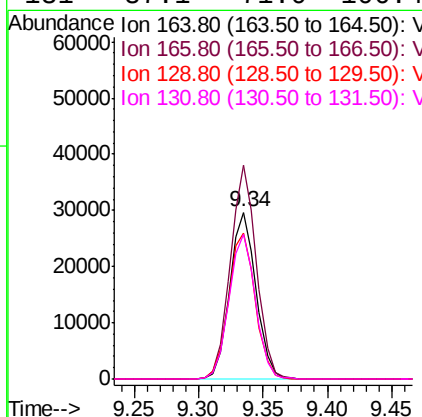
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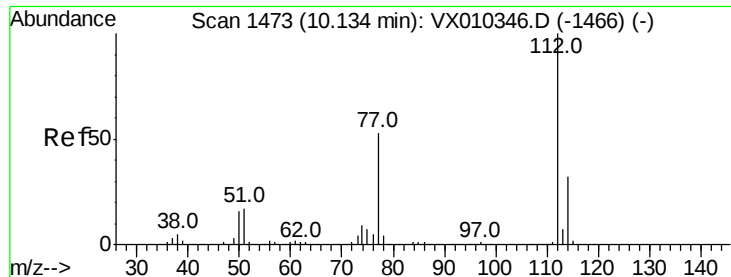
MMDadoda
7/15/2019 10:59:25 AM



#64
Tetrachloroethene
Concen: 18.534 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	103.6	155.4
129	87.7	73.0	109.4
131	87.1	71.0	106.4





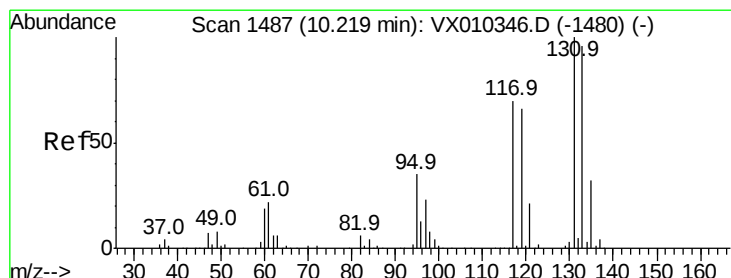
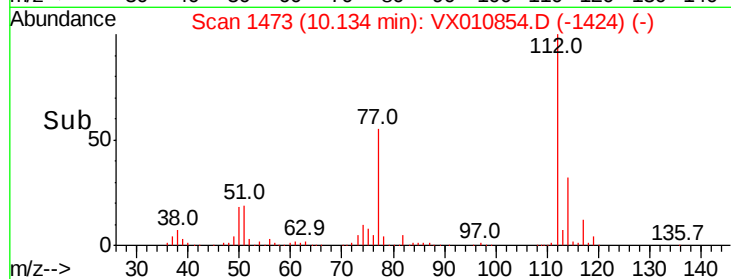
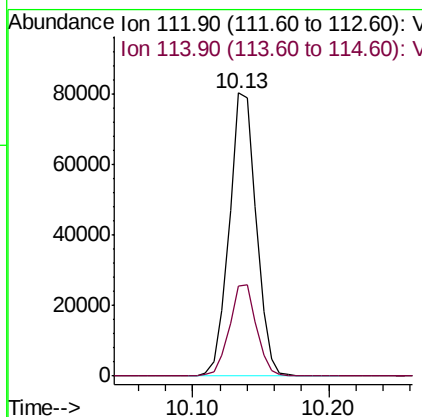
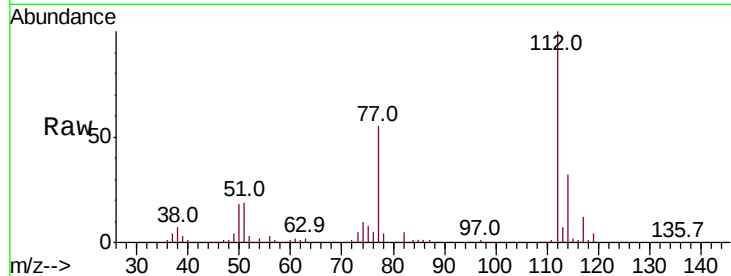
#65
Chlorobenzene
Concen: 19.385 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion:112 Resp: 110773
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

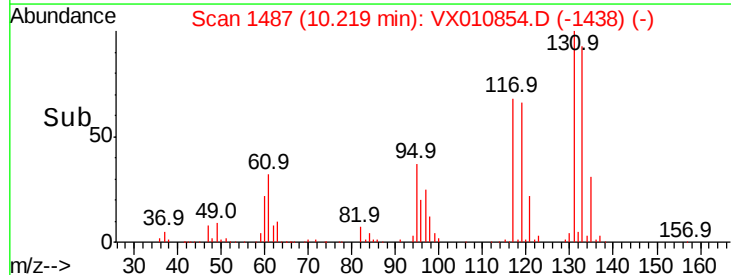
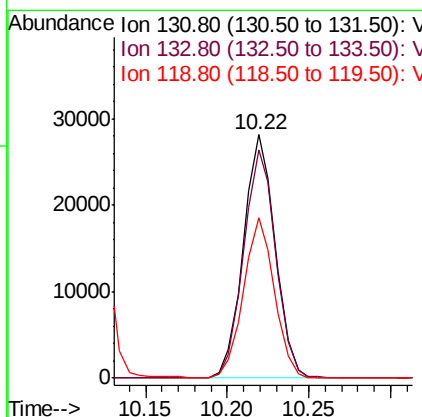
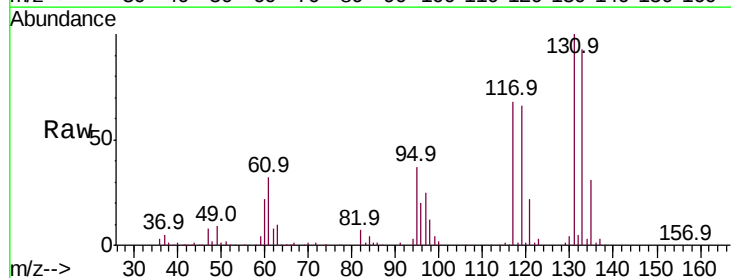
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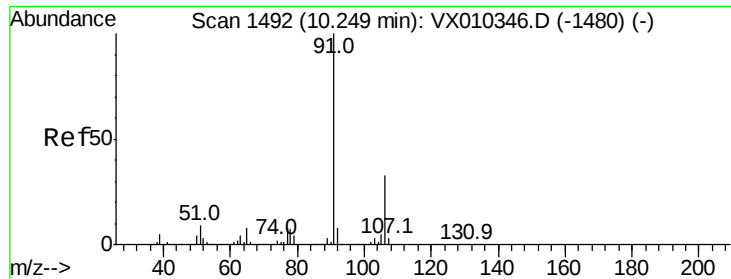
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.328 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion:131 Resp: 38148
Ion Ratio Lower Upper
131 100
133 95.0 47.7 143.1
119 64.8 32.6 97.7





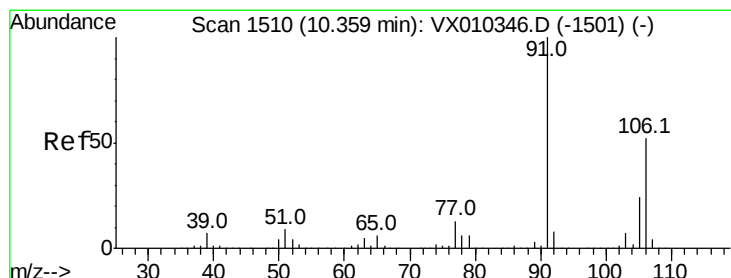
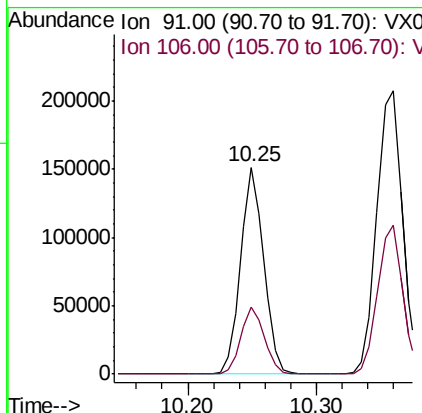
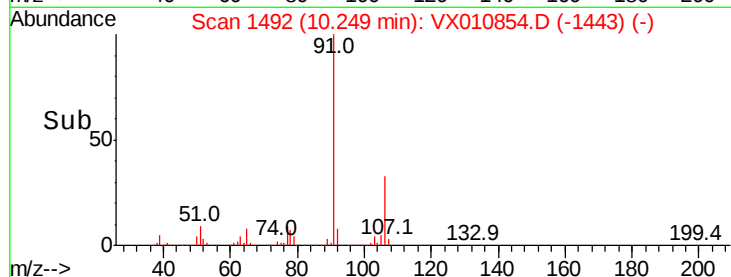
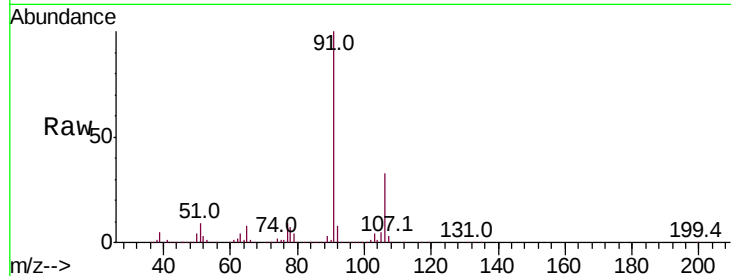
#67
Ethyl Benzene
Concen: 19.556 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion: 91 Resp: 188655
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.2

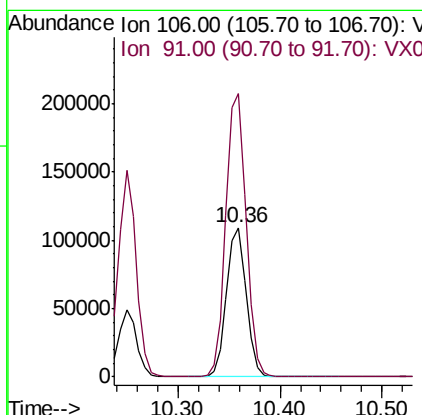
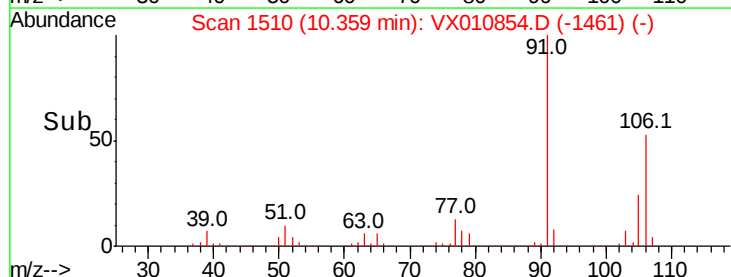
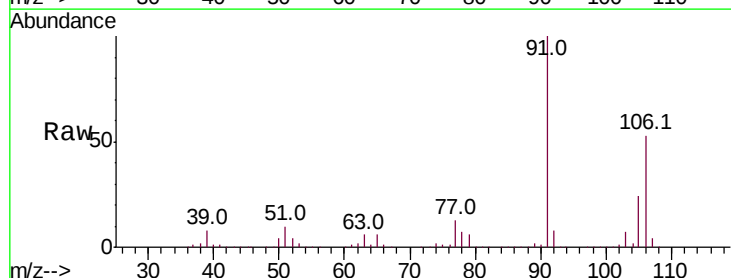
Manual Integrations
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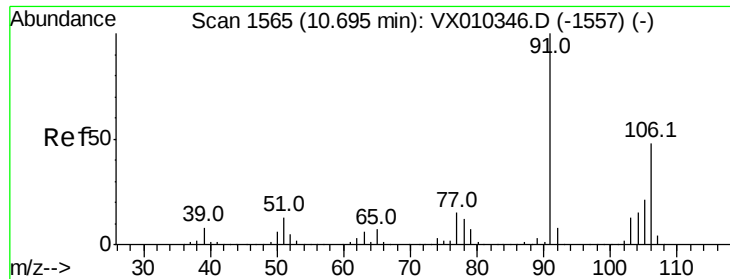
MMDadoda
7/15/2019 10:59:25 AM



#68
m/p-Xylenes
Concen: 39.182 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion: 106 Resp: 146460
Ion Ratio Lower Upper
106 100
91 195.0 155.3 232.9





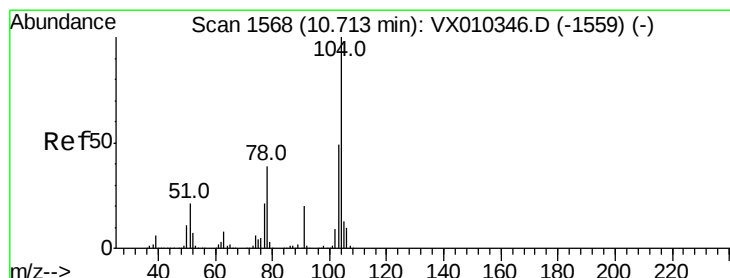
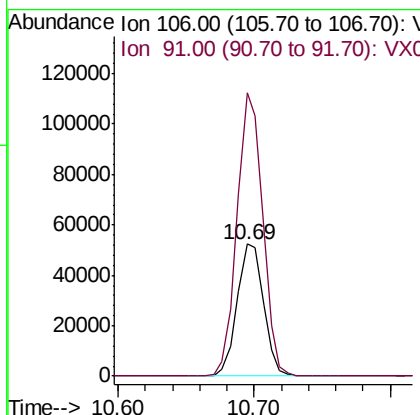
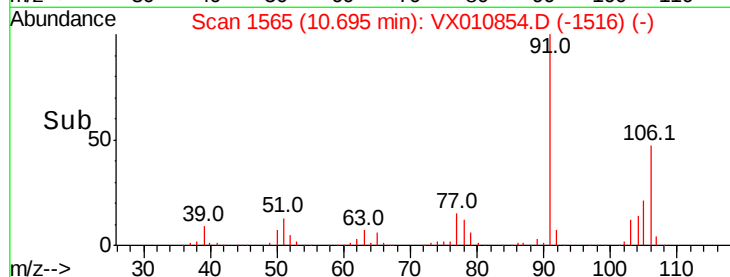
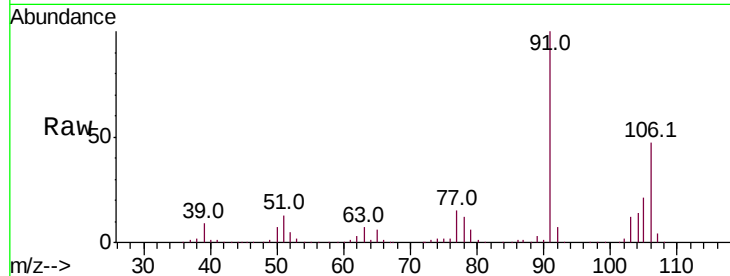
#69
o-Xylene
Concen: 19.342 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion:106 Resp: 71100
Ion Ratio Lower Upper
106 100
91 208.6 102.7 308.1

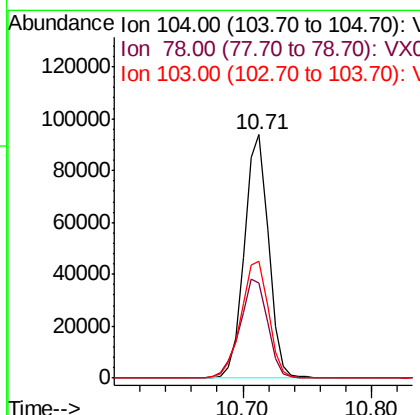
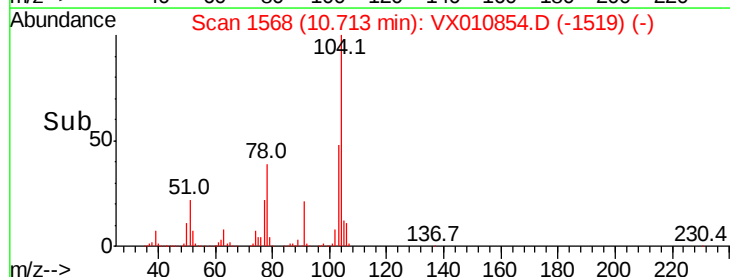
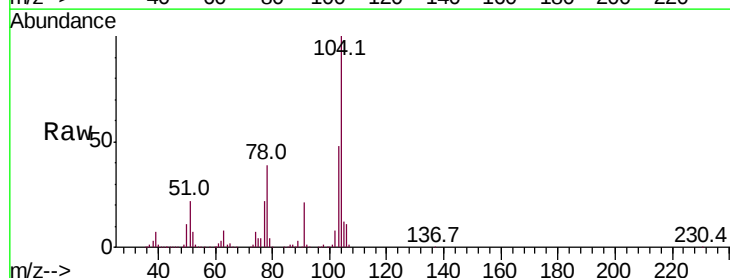
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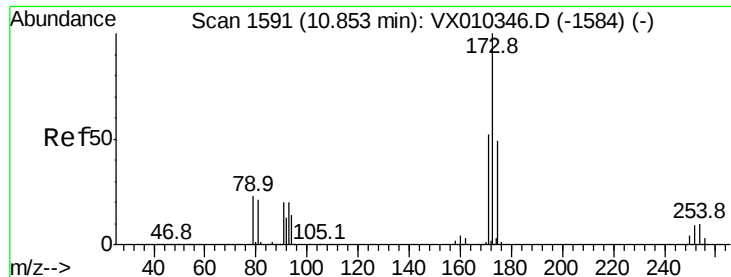
MMDadoda
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#70
Styrene
Concen: 19.658 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion:104 Resp: 121182
Ion Ratio Lower Upper
104 100
78 46.9 36.2 54.2
103 54.8 44.2 66.4





#71

Bromoform

Concen: 15.782 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion:173 Resp: 28567

Ion Ratio Lower Upper

173 100

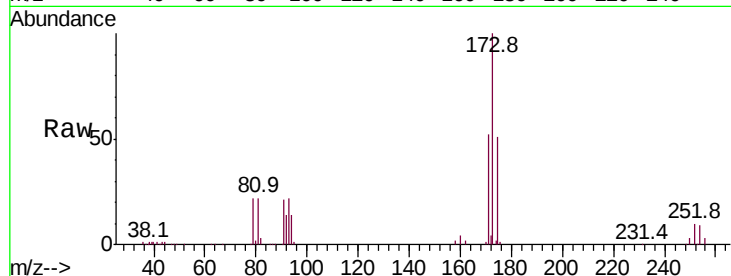
175 50.1 24.1 72.3

254 0.0 0.2 0.2#

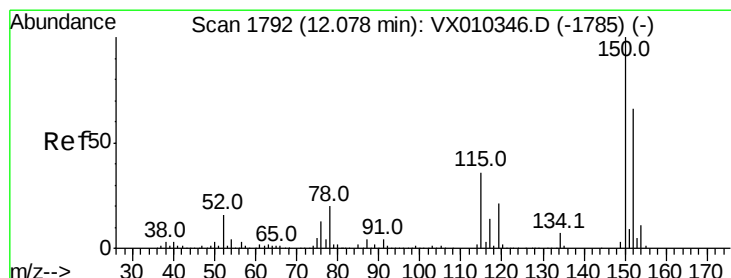
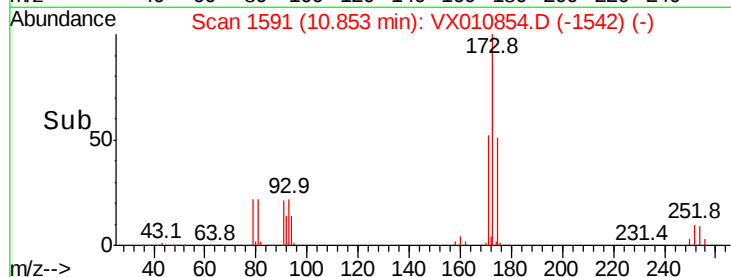
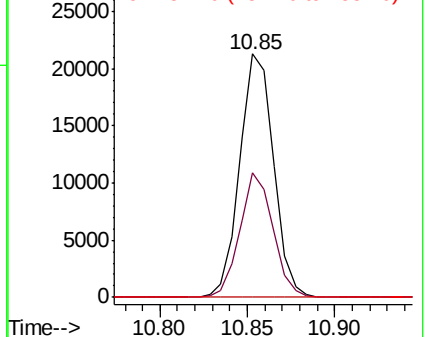
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

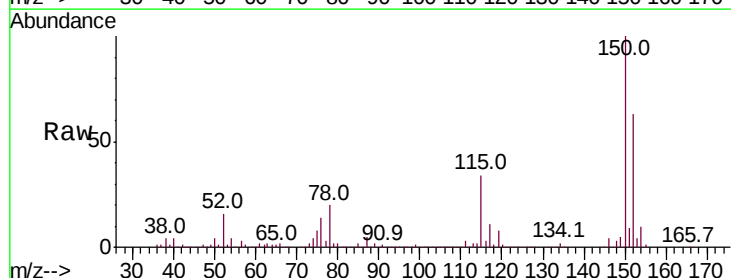
Tgt Ion:152 Resp: 145420

Ion Ratio Lower Upper

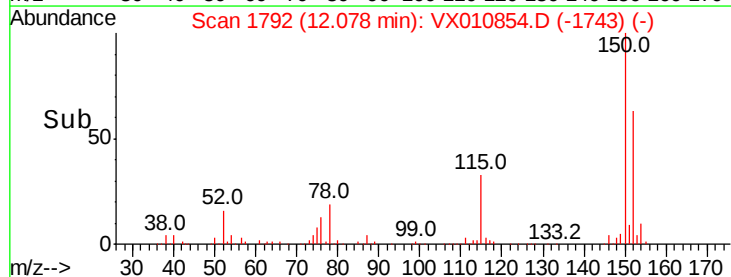
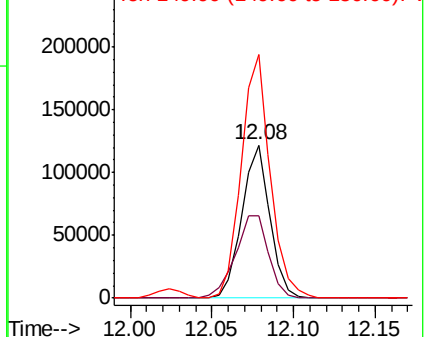
152 100

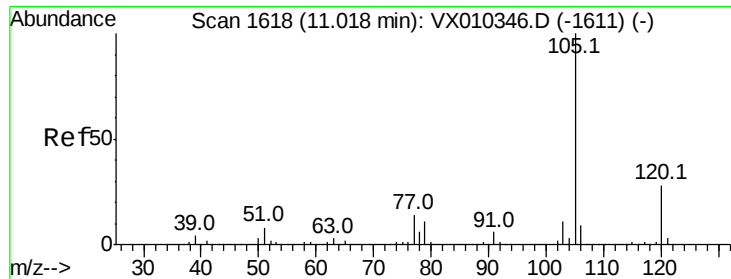
115 63.9 38.6 115.7

150 164.8 0.0 347.4



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





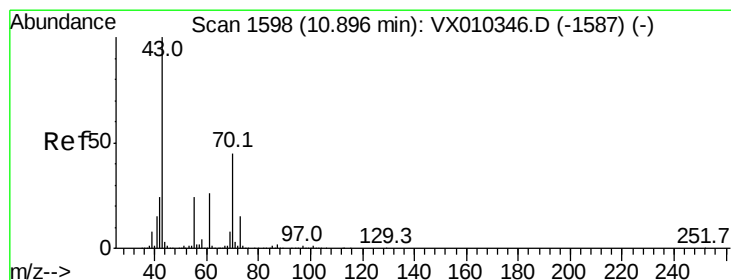
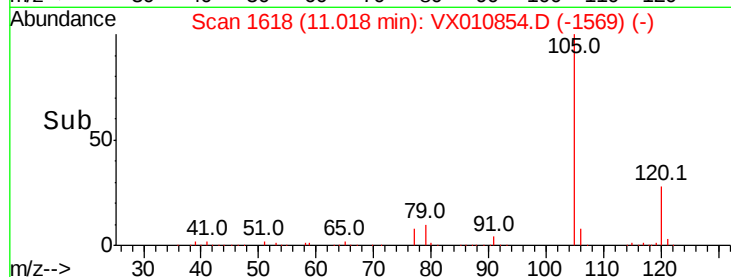
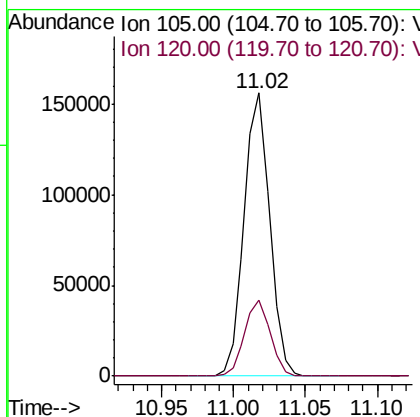
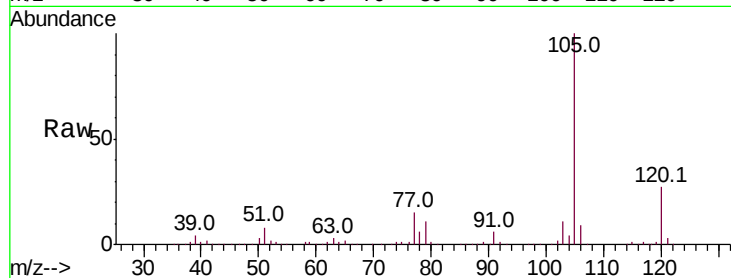
#73
Isopropylbenzene
Concen: 19.554 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion: 105 Resp: 192755
Ion Ratio Lower Upper
105 100
120 27.0 14.1 42.4

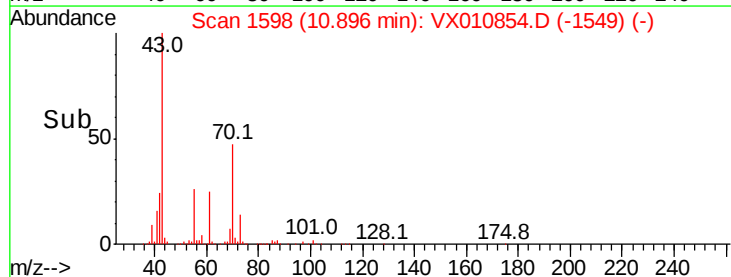
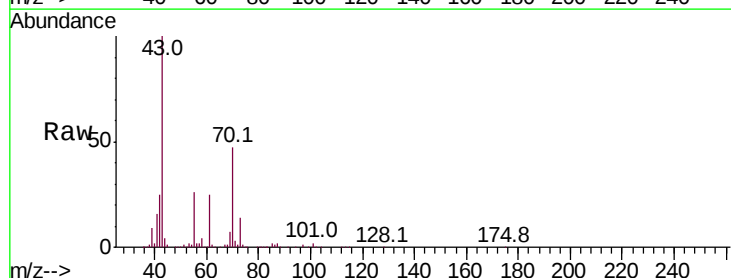
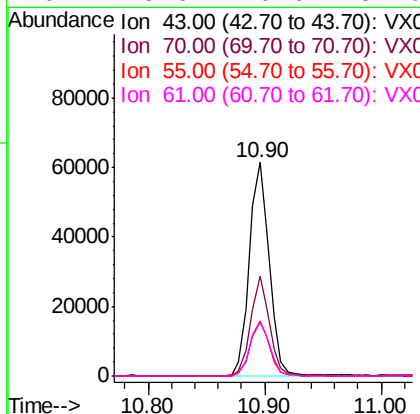
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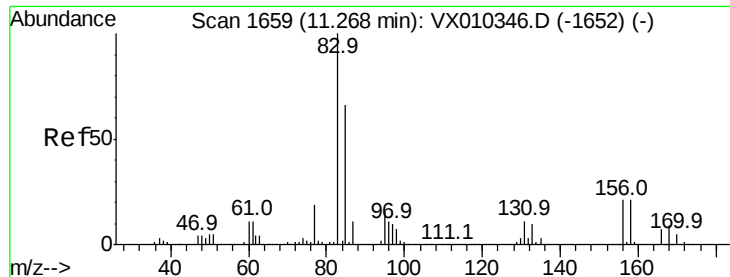
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#74
N-ethyl acetate
Concen: 19.861 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion: 43 Resp: 73992
Ion Ratio Lower Upper
43 100
70 43.5 36.6 54.8
55 25.5 18.7 28.1
61 25.6 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.058 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion: 83 Resp: 65483

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

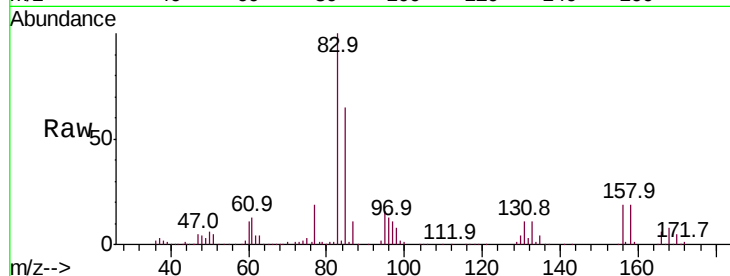
85 63.4 32.3 96.8

Manual Integrations

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MMDadoda

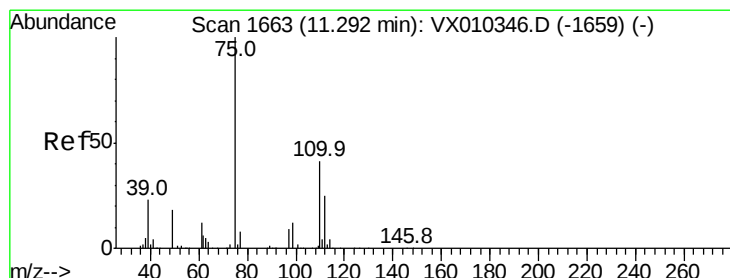
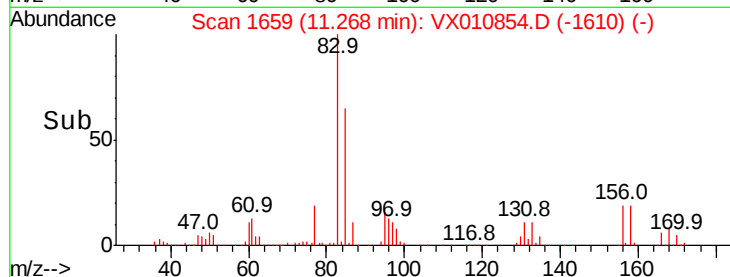
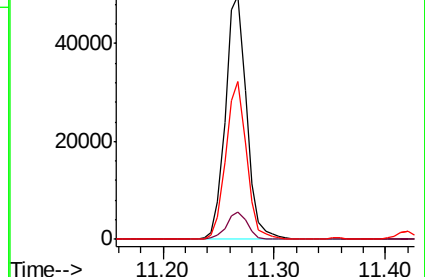
7/15/2019 10:59:25 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.796 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010854.D

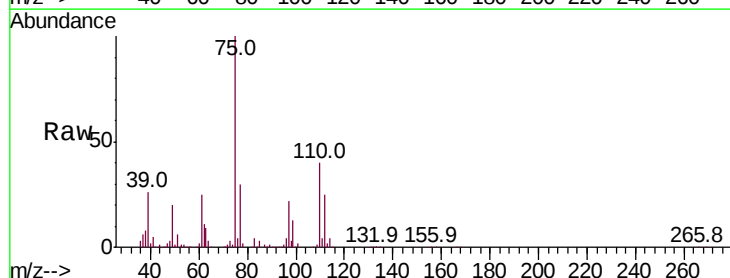
Acq: 12 Jul 2019 22:39

Tgt Ion: 75 Resp: 52458

Ion Ratio Lower Upper

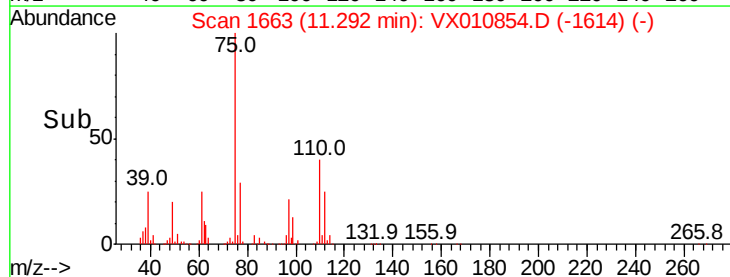
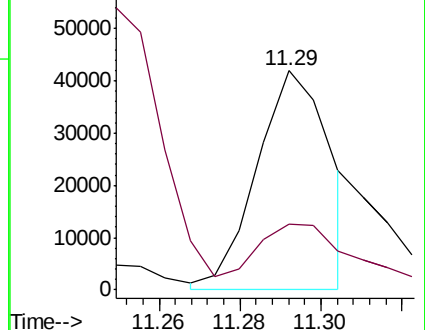
75 100

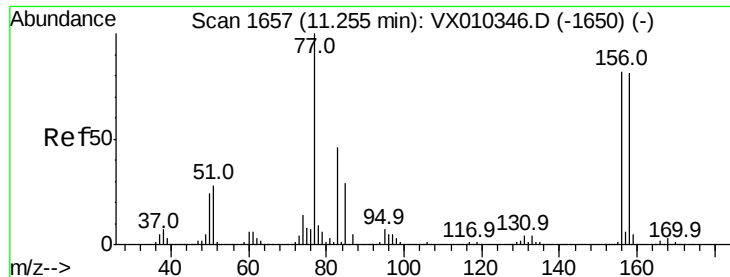
77 41.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





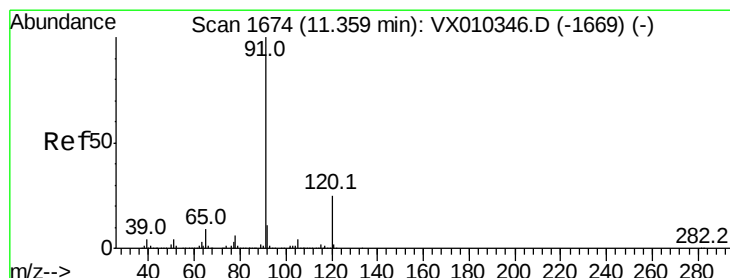
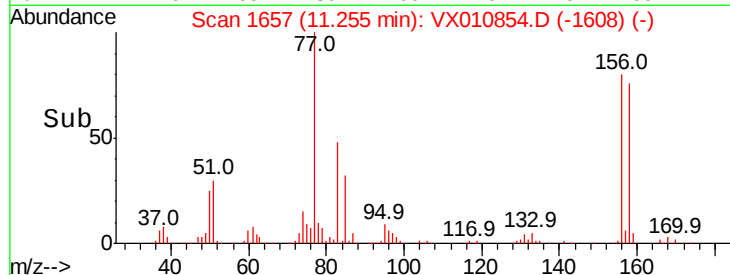
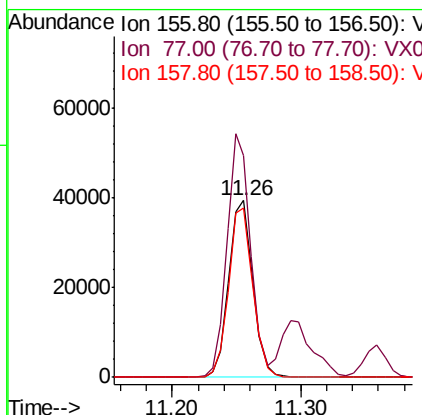
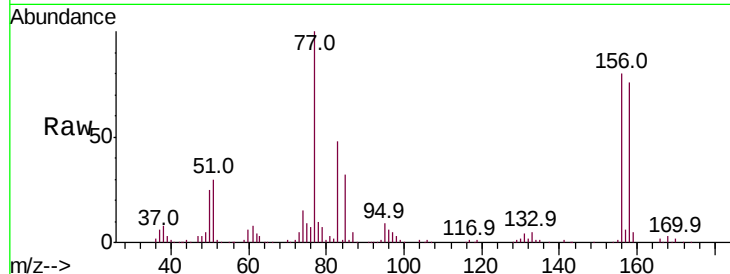
#77
Bromobenzene
Concen: 18.776 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.3	66.3	198.7
158	96.2	48.9	146.7

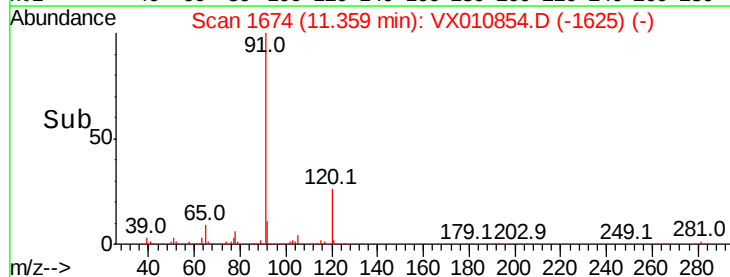
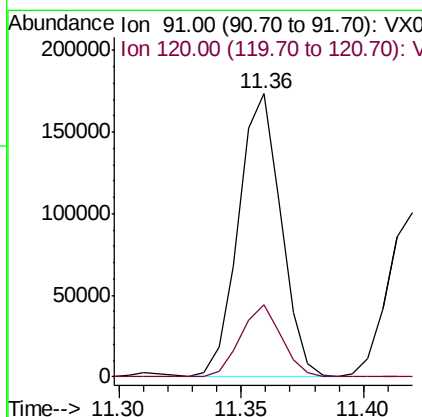
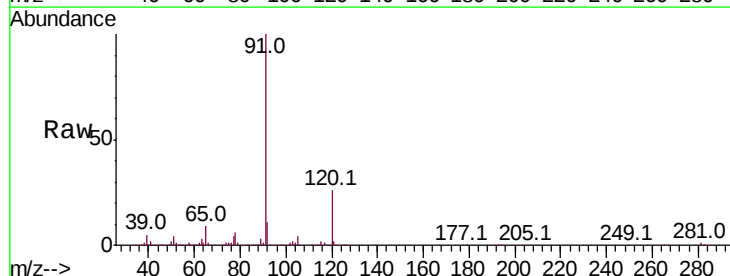
Manual Integrations
APPROVED

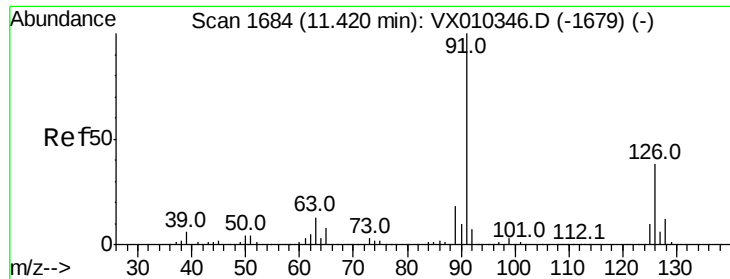
MMDadoda
7/15/2019 10:59:25 AM



#78
n-propylbenzene
Concen: 19.291 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.4	37.4





#79

2-Chlorotoluene

Concen: 19.261 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion: 91 Resp: 124258

Ion Ratio Lower Upper

91 100

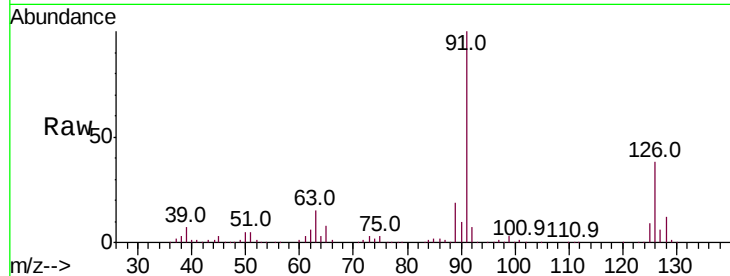
126 36.8 18.7 56.1

Manual Integrations

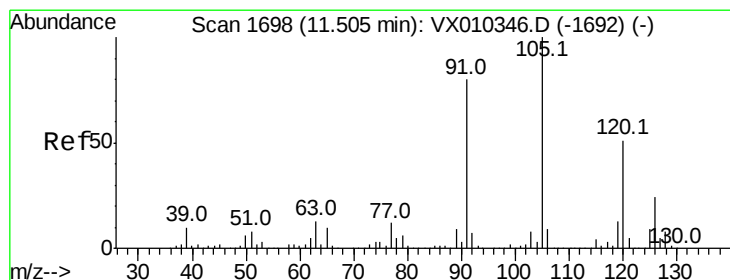
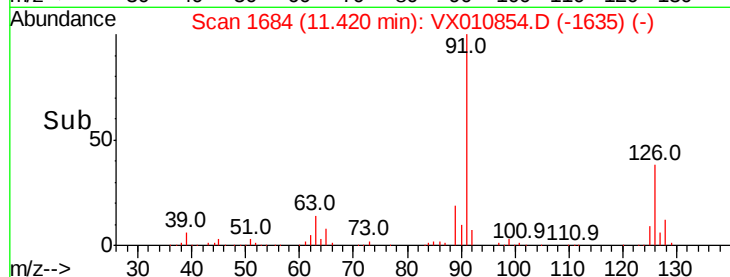
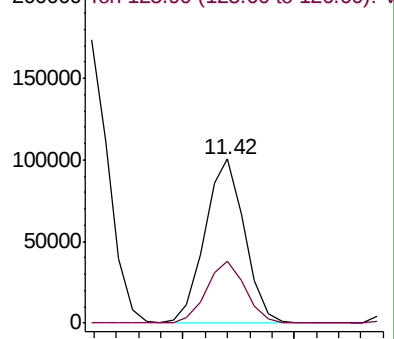
APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VX010854.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.461 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010854.D

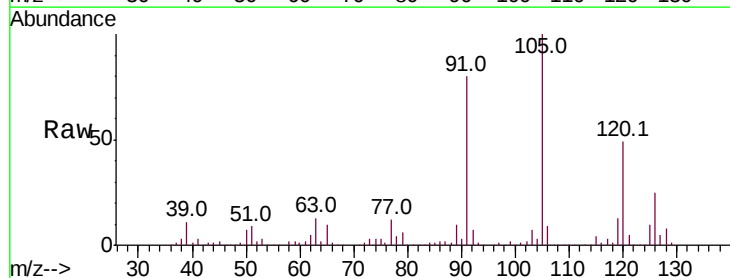
Acq: 12 Jul 2019 22:39

Tgt Ion: 105 Resp: 158150

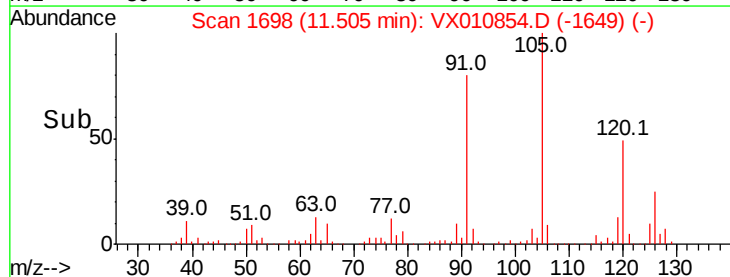
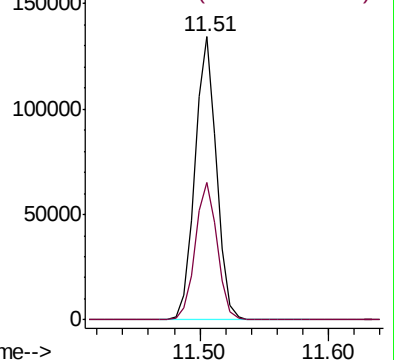
Ion Ratio Lower Upper

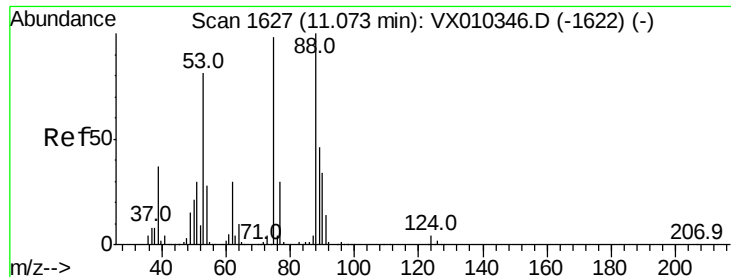
105 100

120 49.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010854.D (-1692) (-)





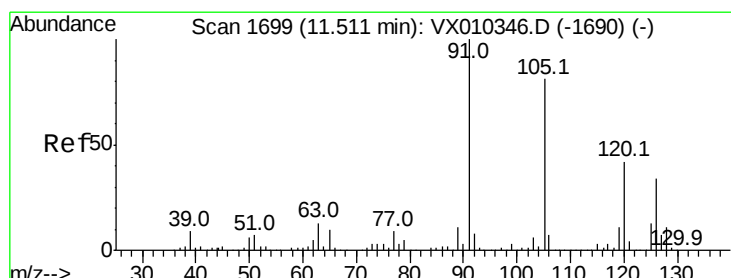
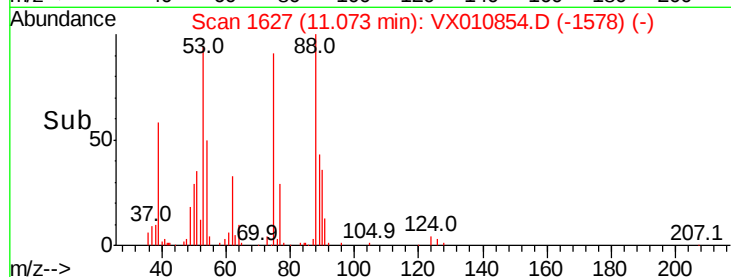
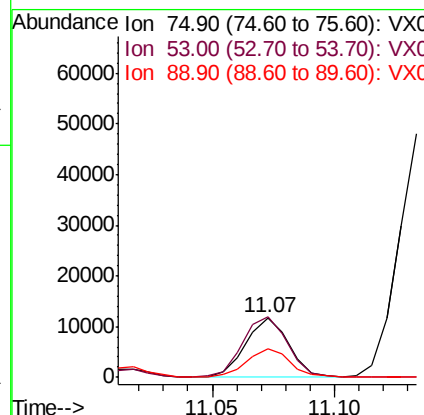
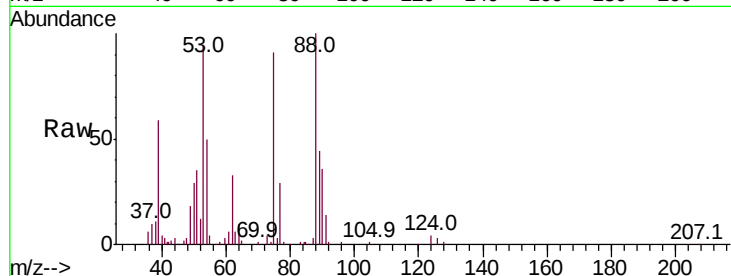
#81
trans-1,4-Dichloro-2-butene
Concen: 12.766 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.2	66.1	99.1#
89	48.8	37.8	56.6

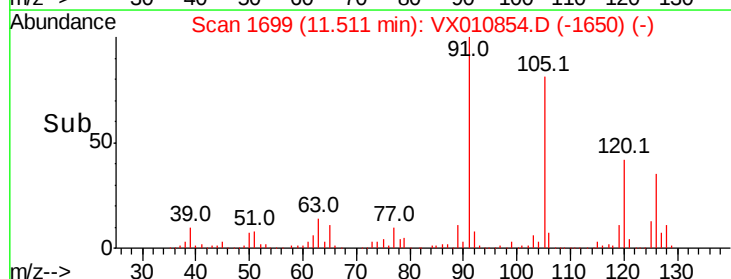
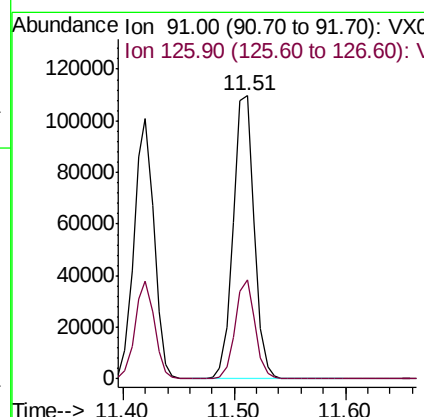
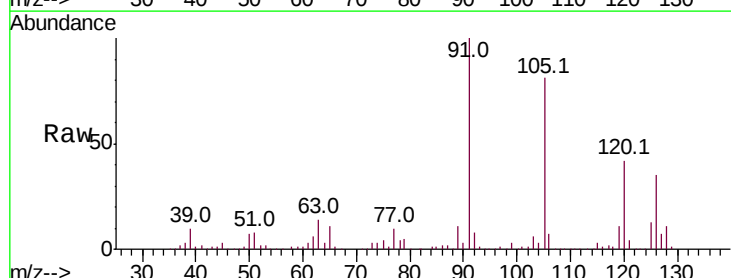
Manual Integrations
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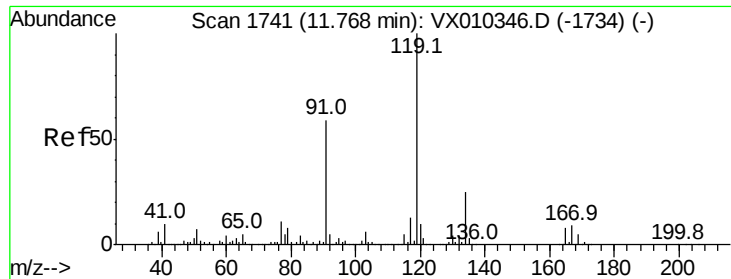
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.454 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.2	48.6





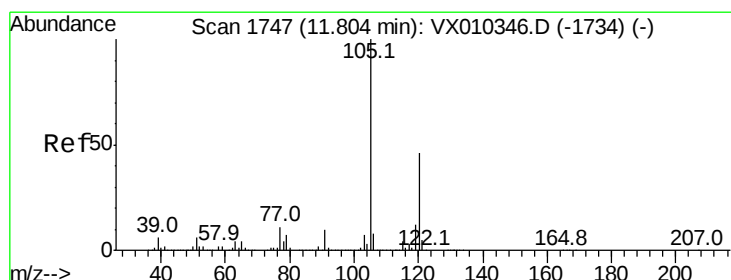
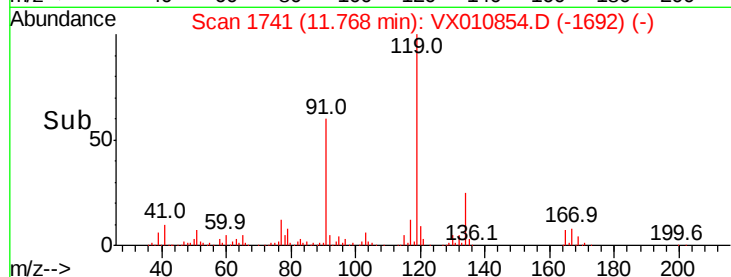
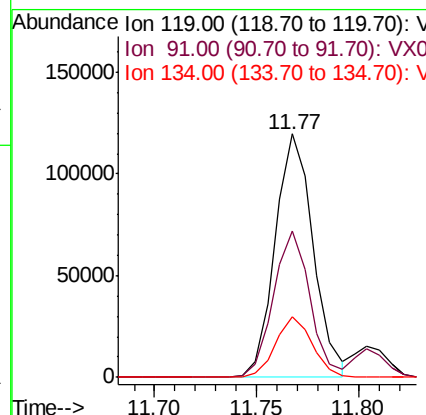
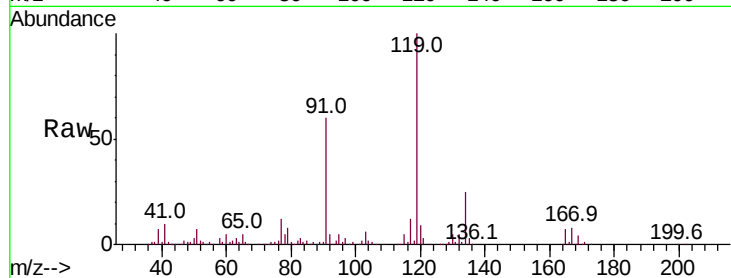
#83
tert-Butylbenzene
Concen: 19.110 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	27.6	82.7
134	24.1	11.8	35.4

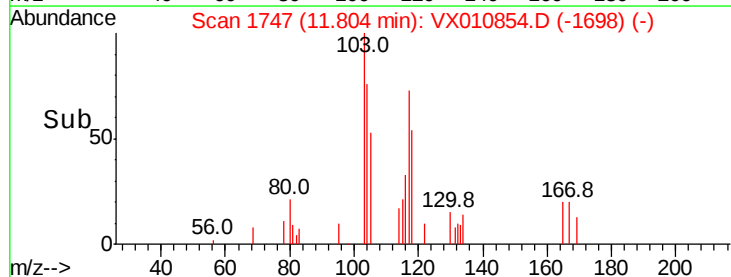
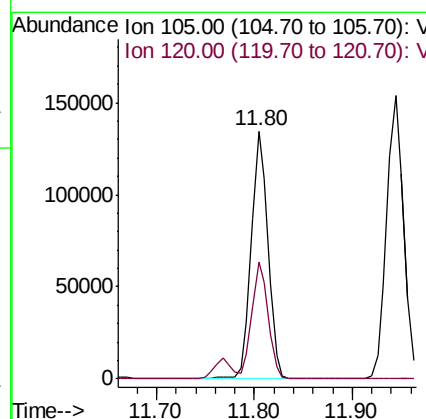
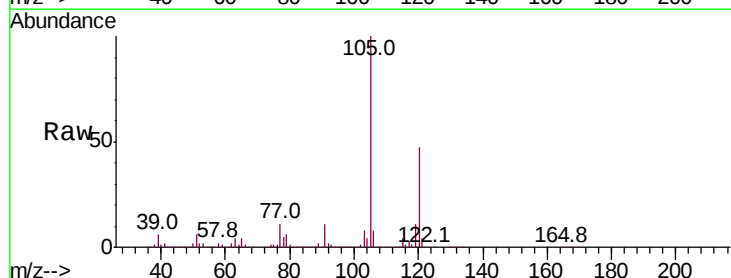
Manual Integrations
APPROVED

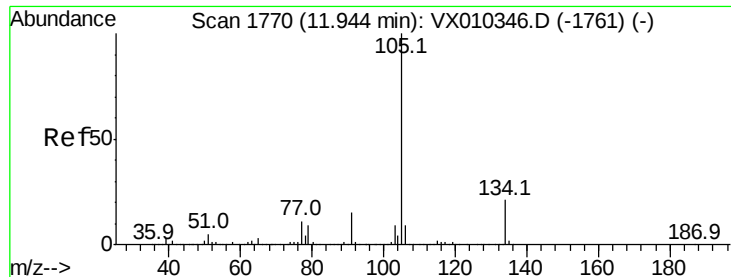
MMDadoda
7/15/2019 10:59:25 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.618 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.413 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

ClientSampleId :

VX0712MBS01

Tot Ion:105 Resp: 185912

Ion Ratio Lower Upper

105 100

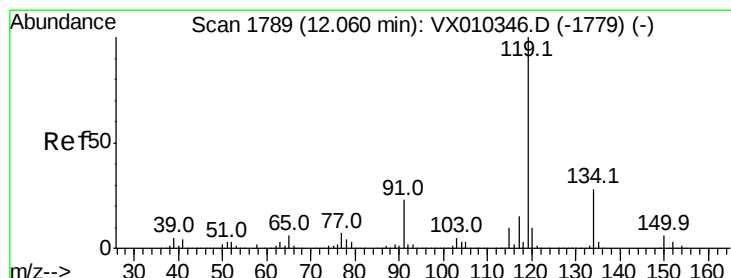
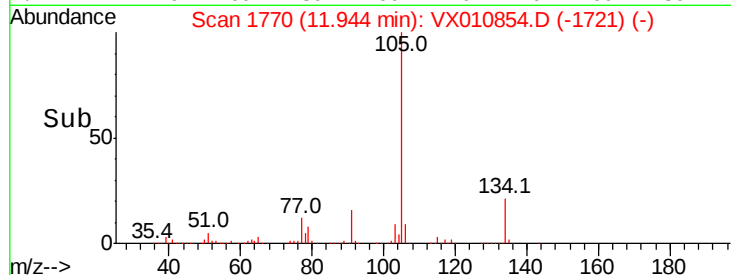
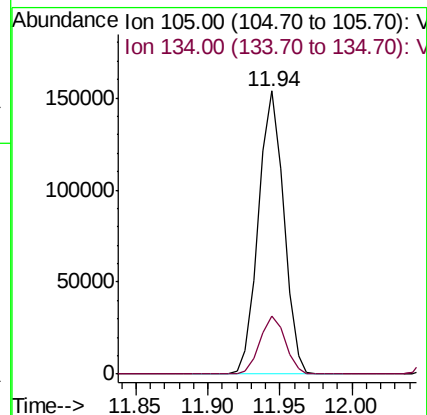
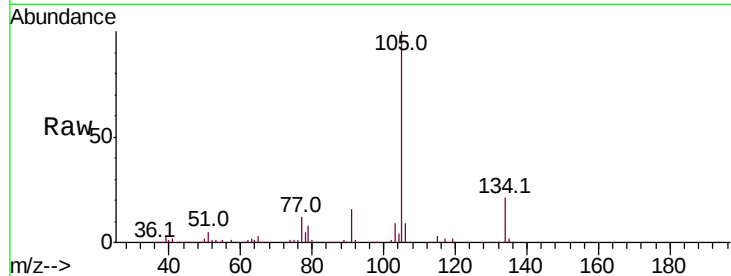
134 20.7 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.019 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

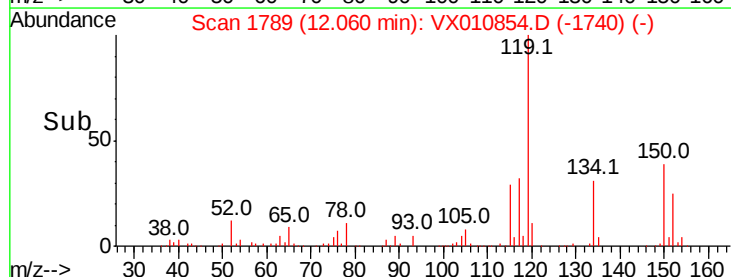
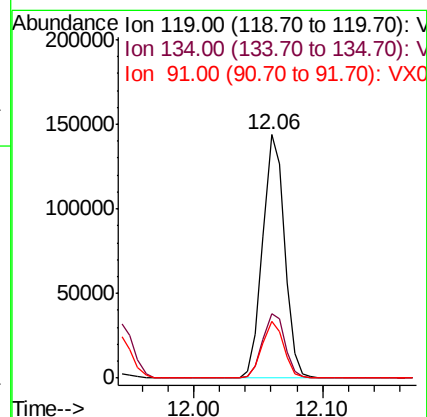
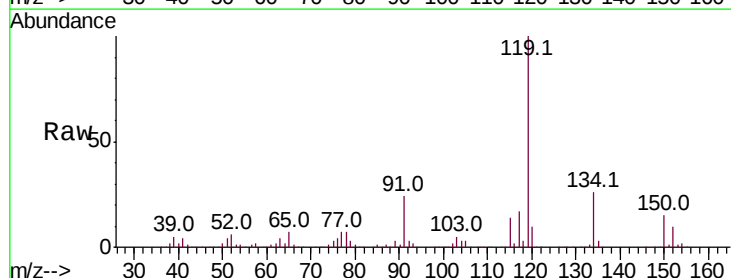
Tgt Ion:119 Resp: 168478

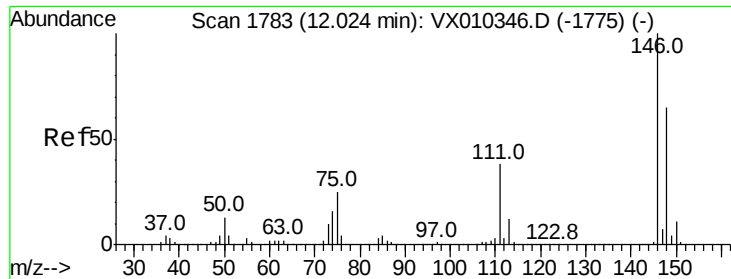
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 23.3 11.3 33.8





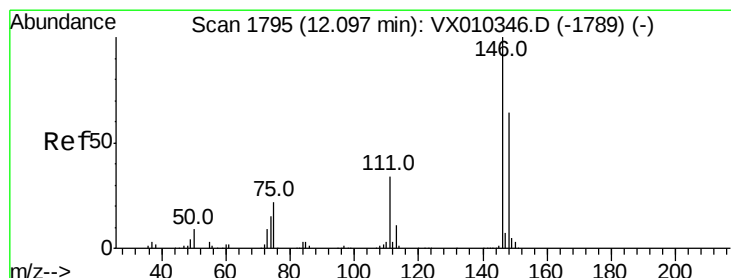
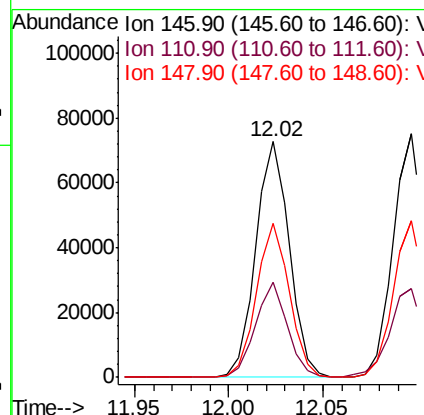
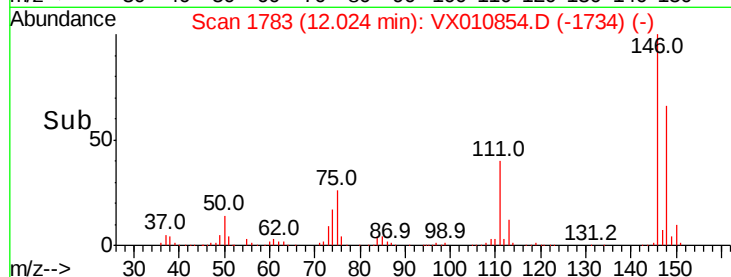
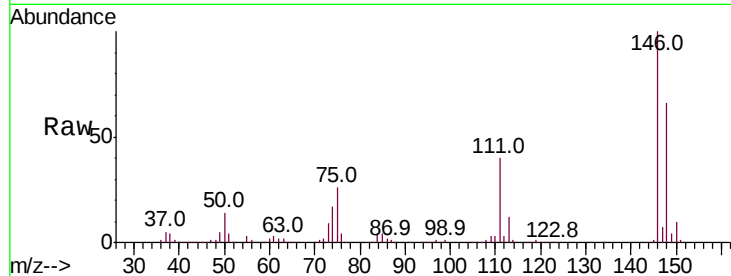
#87
 1,3-Dichlorobenzene
 Concen: 18.652 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.1
148	64.0	32.5	97.4

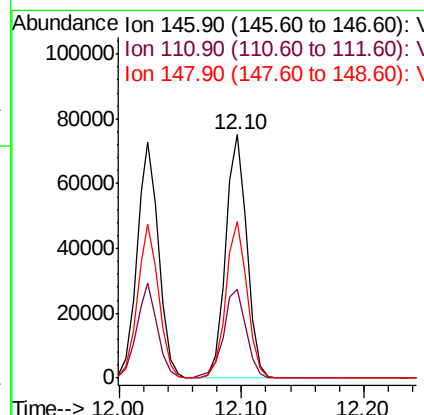
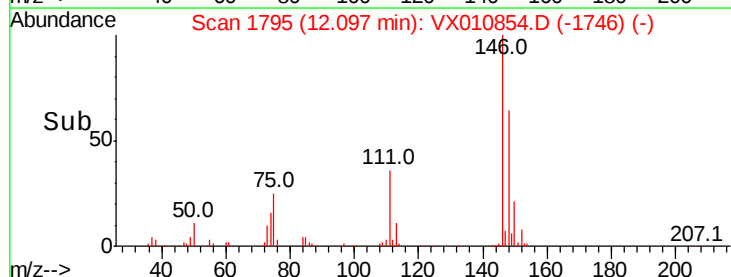
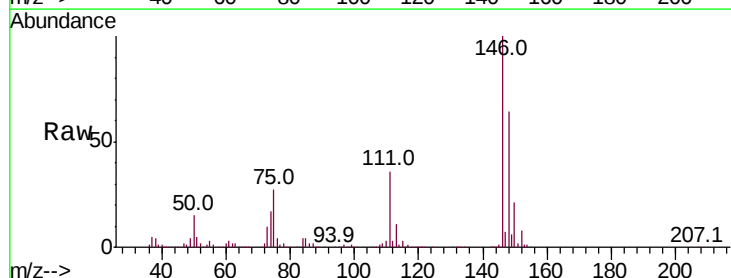
Manual Integrations
 APPROVED

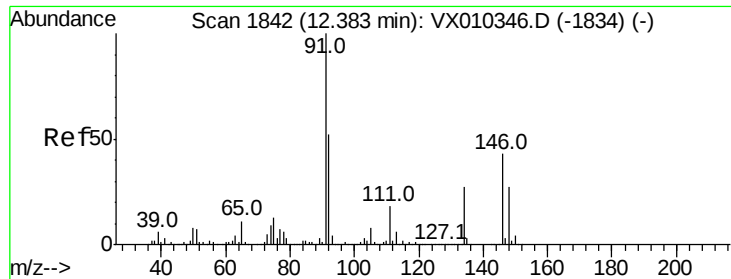
MMDadoda
 7/15/2019 10:59:25 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.411 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.1	54.3
148	64.8	32.1	96.3





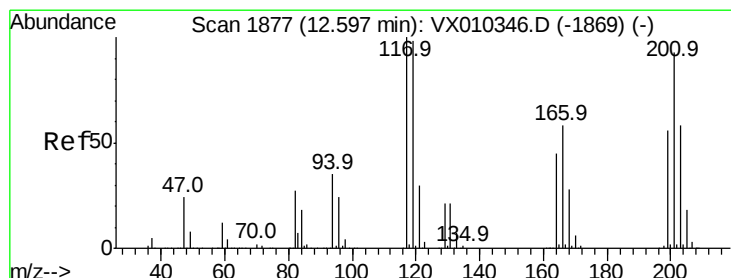
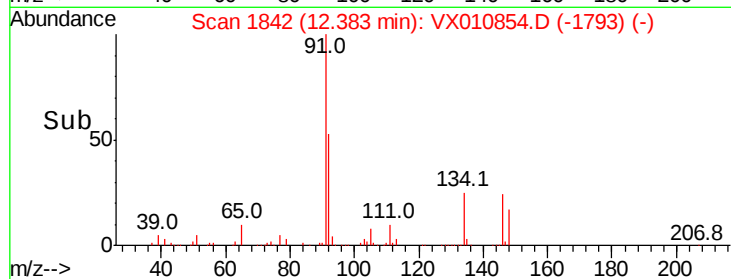
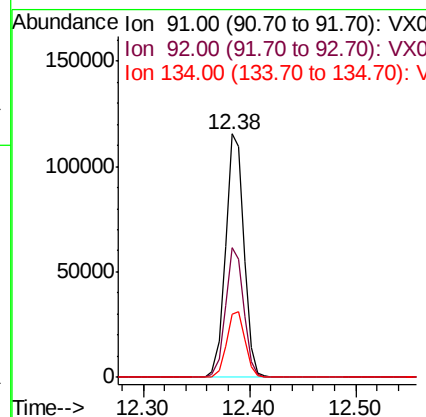
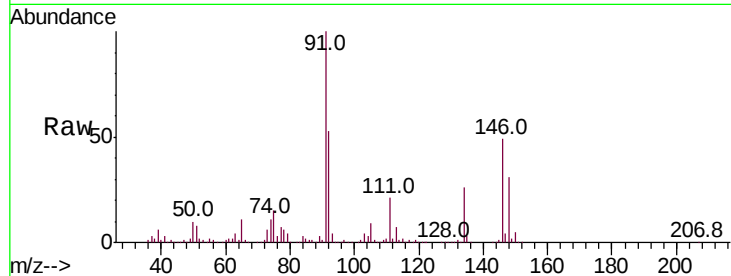
#89
n-Butylbenzene
Concen: 18.480 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Instrument :
MSVOA_X
ClientSampleId :
VX0712MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.2	78.5
134	27.5	14.1	42.4

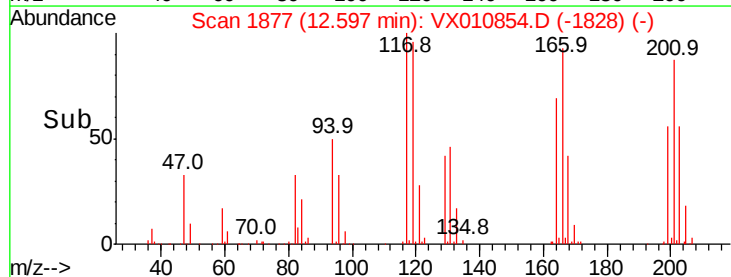
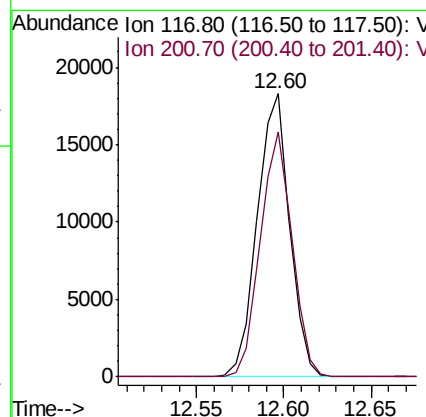
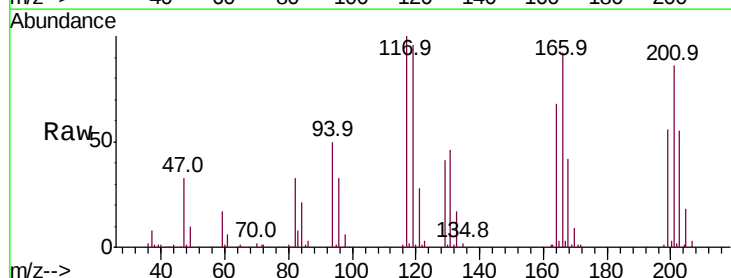
Manual Integrations
APPROVED

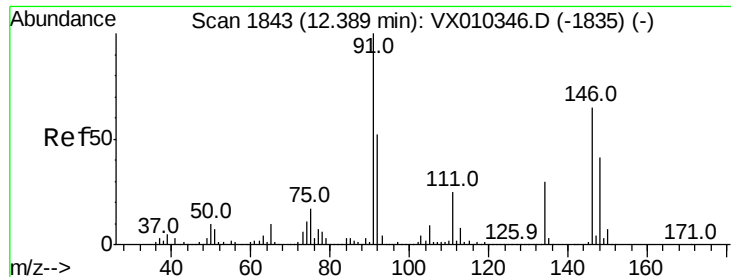
MMDadoda
7/15/2019 10:59:25 AM



#90
Hexachloroethane
Concen: 15.375 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010854.D
Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.6	44.0	131.8





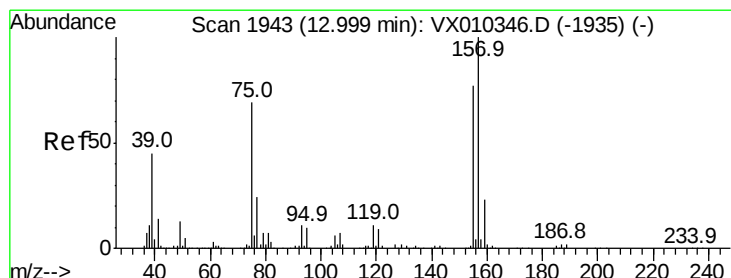
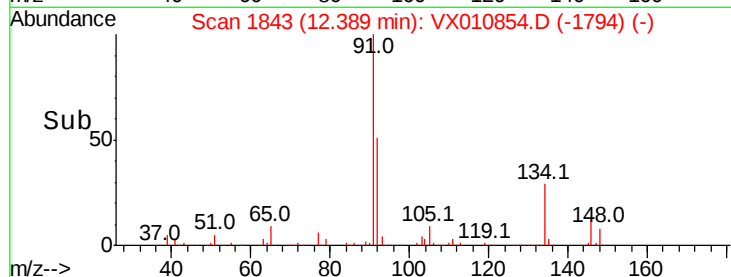
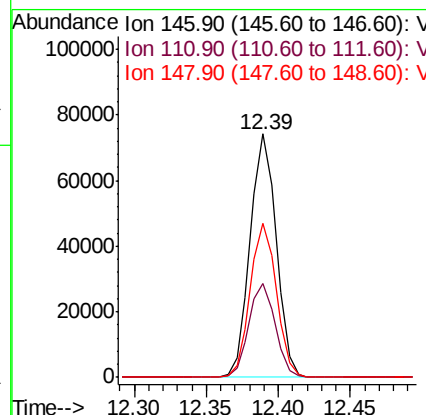
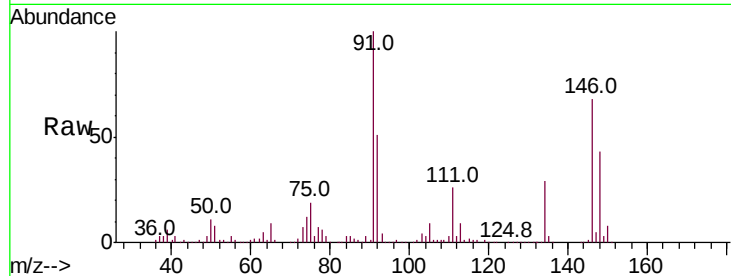
#91
 1,2-Dichlorobenzene
 Concen: 19.495 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	63.5	32.0	96.0

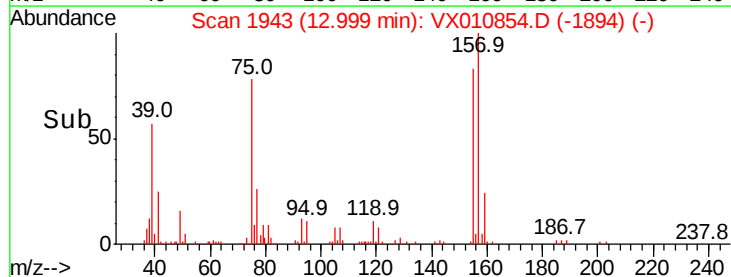
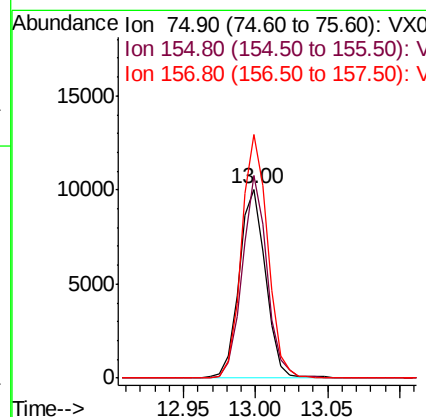
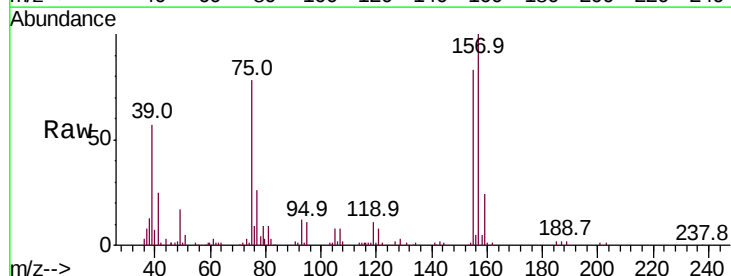
Manual Integrations
 APPROVED

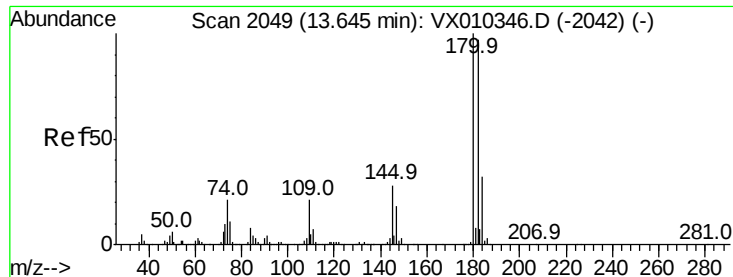
MMDadoda
 7/15/2019 10:59:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.332 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010854.D
 Acq: 12 Jul 2019 22:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	54.4	163.1
157	125.7	69.5	208.3





#93

1,2,4-Trichlorobenzene

Concen: 18.202 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

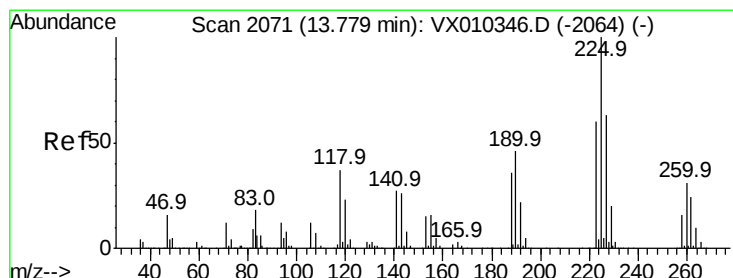
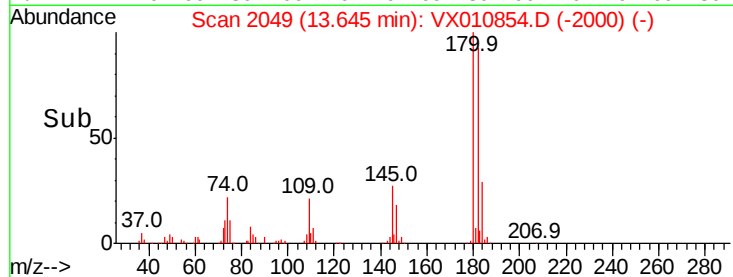
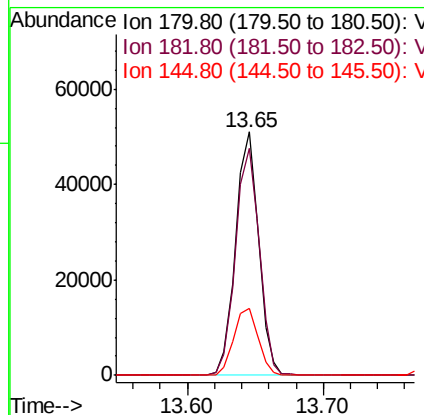
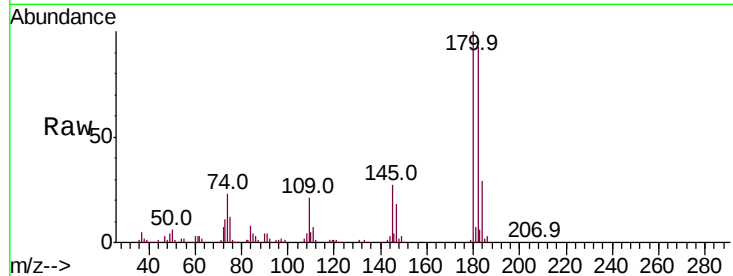
ClientSampleId :

VX0712MBS01

Tot Ion:	180	Resp:	60277
Ion Ratio	Lower	Upper	
180	100		
182	96.3	48.0	144.0
145	29.5	14.4	43.4

Manual Integrations
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7/15/2019 10:59:25 AM



#94

Hexachlorobutadiene

Concen: 17.896 ug/l

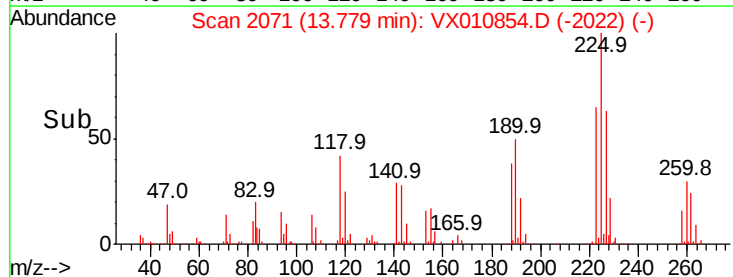
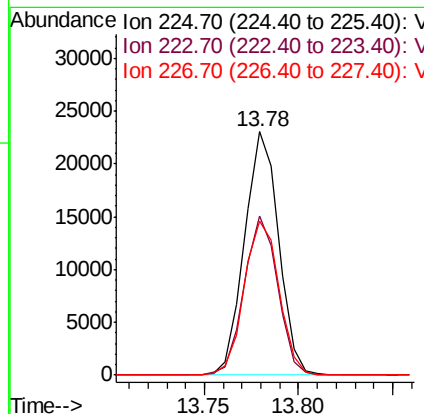
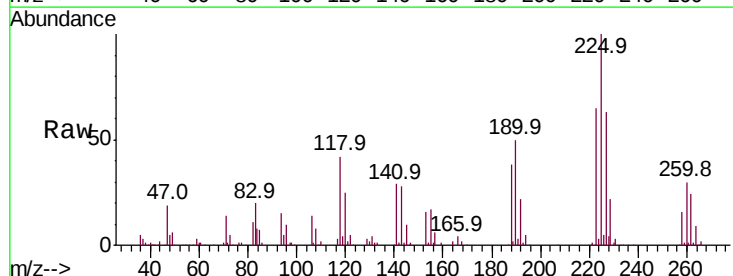
RT: 13.78 min Scan# 2071

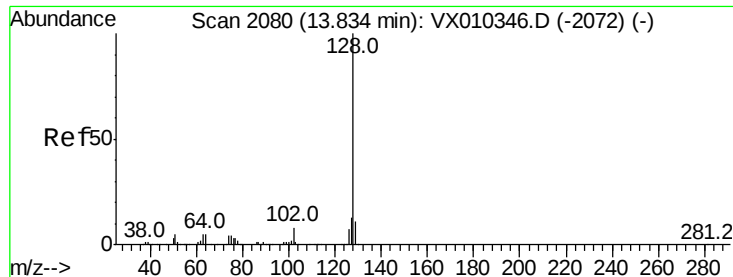
Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Tgt Ion:	225	Resp:	28965
Ion Ratio	Lower	Upper	
225	100		
223	64.0	30.9	92.7
227	64.6	31.9	95.5





#95

Naphthalene

Concen: 18.964 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Instrument :

MSVOA_X

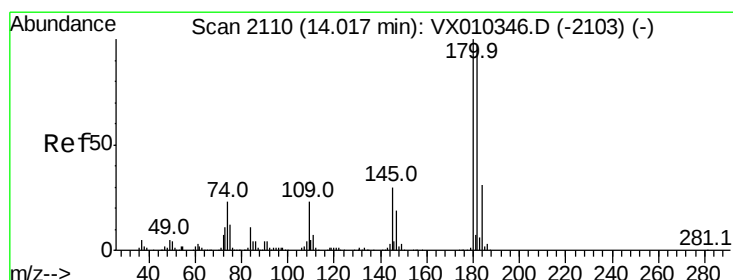
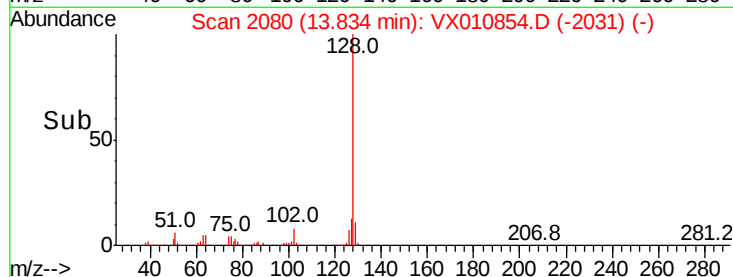
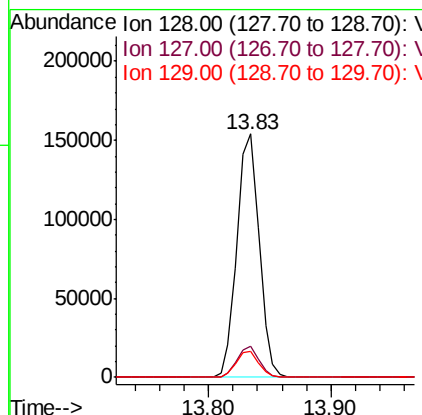
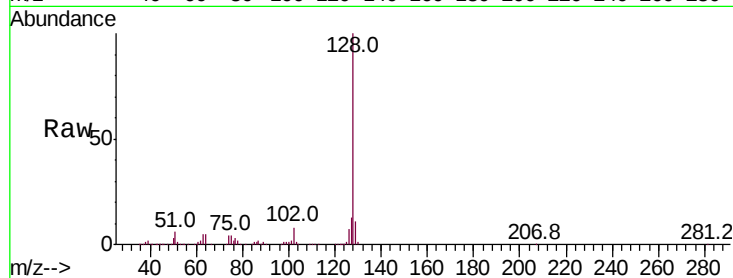
ClientSampleId :

VX0712MBS01

Tot Ion:	128	Resp:	192988
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
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MMDadoda
7/15/2019 10:59:25 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.859 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010854.D

Acq: 12 Jul 2019 22:39

Tgt Ion:	180	Resp:	62094
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.8	143.3
145	30.9	15.2	45.6

