

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071219\
 Data File : VX010827.D
 Acq On : 12 Jul 2019 11:45
 Operator : JC/SP
 Sample : VX0712WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 11:00:29 AM

Quant Time: Jul 13 02:07:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100974	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	5.50	113	97763	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	8.71	98	353220	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	127900	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	32166	22.113	ug/l	99
3) Chloromethane	1.33	50	34344	20.276	ug/l	100
4) Vinyl Chloride	1.41	62	36254	19.541	ug/l	97
5) Bromomethane	1.64	94	22175	24.534	ug/l	99
6) Chloroethane	1.73	64	23333	21.317	ug/l	98
7) Trichlorofluoromethane	1.93	101	62852	21.371	ug/l	99
8) Diethyl Ether	2.19	74	22329	21.171	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36434	20.443	ug/l	100
10) Methyl Iodide	2.51	142	38892	15.291	ug/l	97
11) Tert butyl alcohol	3.04	59	44663	87.008	ug/l	96
12) 1,1-Dichloroethene	2.37	96	34801	19.189	ug/l	92
13) Acrolein	2.29	56	42644	125.231	ug/l	99
14) Allyl chloride	2.73	41	51926	20.168	ug/l	98
15) Acrylonitrile	3.14	53	105127	103.440	ug/l	100
16) Acetone	2.44	43	104677	106.471	ug/l	96
17) Carbon Disulfide	2.57	76	82273	16.910	ug/l	100
18) Methyl Acetate	2.78	43	41587	21.223	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	116836	20.479	ug/l	100
20) Methylene Chloride	2.86	84	40915	20.222	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	37928	19.445	ug/l	98
22) Diisopropyl ether	3.85	45	112766	20.948	ug/l	98
23) Vinyl Acetate	3.82	43	486141	104.536	ug/l	98
24) 1,1-Dichloroethane	3.70	63	63276	20.335	ug/l	99
25) 2-Butanone	4.67	43	148241	102.791	ug/l	100
26) 2,2-Dichloropropane	4.59	77	49338	18.253	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	44240	19.628	ug/l	97
28) Bromochloromethane	5.02	49	26375	17.728	ug/l	93
29) Tetrahydrofuran	5.13	42	90550	101.367	ug/l	100
30) Chloroform	5.21	83	68795	20.548	ug/l	100
31) Cyclohexane	5.58	56	57088	20.147	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	57935	19.598	ug/l	99
36) 1,1-Dichloropropene	5.81	75	49427	20.310	ug/l	98
37) Ethyl Acetate	4.84	43	54058	21.592	ug/l	99
38) Carbon Tetrachloride	5.78	117	50835	19.290	ug/l	99

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Manual Integrations
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MMDadoda
 7/15/2019 11:00:29 AM

Quant Time: Jul 13 02:07:32 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)
39) Methylcyclohexane	7.46	83	61888	19.347	ug/l	95
40) Benzene	6.14	78	154530	20.382	ug/l	97
41) Methacrylonitrile	5.04	41	29197	21.255	ug/l	97
42) 1,2-Dichloroethane	6.20	62	50623	21.934	ug/l	99
43) Isopropyl Acetate	6.44	43	84618	20.429	ug/l	98
44) Trichloroethene	7.21	130	44943	19.810	ug/l	97
45) 1,2-Dichloropropane	7.51	63	38686	20.205	ug/l	99
46) Dibromomethane	7.66	93	28001	20.384	ug/l	95
47) Bromodichloromethane	7.90	83	48242	19.163	ug/l	98
48) Methyl methacrylate	7.77	41	39923	20.736	ug/l	97
49) 1,4-Dioxane	7.74	88	23308	420.237	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	284255	107.300	ug/l	98
52) Toluene	8.78	92	99944	20.017	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	50964	18.057	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	58197	18.974	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	42235	20.511	ug/l	97
56) Ethyl methacrylate	9.18	69	61557	19.734	ug/l	96
57) 1,3-Dichloropropane	9.37	76	66599	20.835	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	134863	91.032	ug/l	99
59) 2-Hexanone	9.49	43	221440	106.207	ug/l	97
60) Dibromochloromethane	9.58	129	41368	17.942	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44671	20.098	ug/l	99
64) Tetrachloroethene	9.34	164	43412	19.197	ug/l	93
65) Chlorobenzene	10.13	112	112233	19.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	39464	19.088	ug/l	99
67) Ethyl Benzene	10.25	91	191619	19.997	ug/l	100
68) m/p-Xylenes	10.36	106	147613	39.756	ug/l	98
69) o-Xylene	10.69	106	72336	19.811	ug/l	98
70) Styrene	10.71	104	122612	20.023	ug/l	99
71) Bromoform	10.85	173	30013	16.693	ug/l #	99
73) Isopropylbenzene	11.02	105	197000	20.294	ug/l	98
74) N-amyl acetate	10.90	43	75341	20.537	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	64796	20.156	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53247m	20.405	ug/l	
77) Bromobenzene	11.26	156	52364	19.319	ug/l	99
78) n-propylbenzene	11.36	91	214260	20.083	ug/l	99
79) 2-Chlorotoluene	11.42	91	126047	19.841	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	161610	20.195	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15790	14.116	ug/l #	81
82) 4-Chlorotoluene	11.51	91	146450	20.259	ug/l	99
83) tert-Butylbenzene	11.77	119	157965	19.667	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	161429	20.078	ug/l	100
85) sec-Butylbenzene	11.94	105	188830	20.023	ug/l	99
86) p-Isopropyltoluene	12.06	119	173591	19.900	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	92644	19.581	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	92109	19.122	ug/l	98
89) n-Butylbenzene	12.38	91	146965	19.827	ug/l	99
90) Hexachloroethane	12.60	117	24916	16.519	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	93279	19.836	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12741	18.382	ug/l	90

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ClientSampleId :
VX0712WBS02

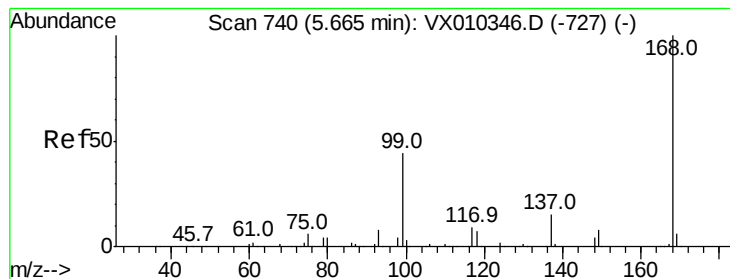
Manual Integrations
APPROVED

MMDadoda
7/15/2019 11:00:29 AM

Quant Time: Jul 13 02:07:32 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)
93) 1,2,4-Trichlorobenzene	13.65	180	63129	19.359	ug/l	99
94) Hexachlorobutadiene	13.78	225	29677	18.620	ug/l	98
95) Naphthalene	13.83	128	193256	19.284	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	62909	19.402	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion:168 Resp: 209228

Ion Ratio Lower Upper

168 100

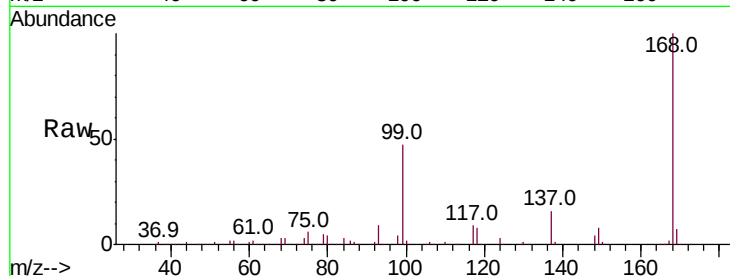
99 46.5 35.5 53.3

Manual Integrations

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7/15/2019 11:00:29 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

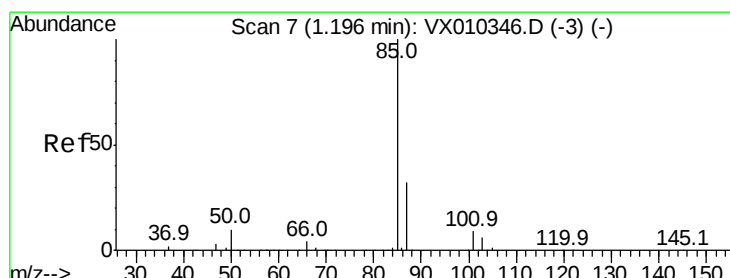
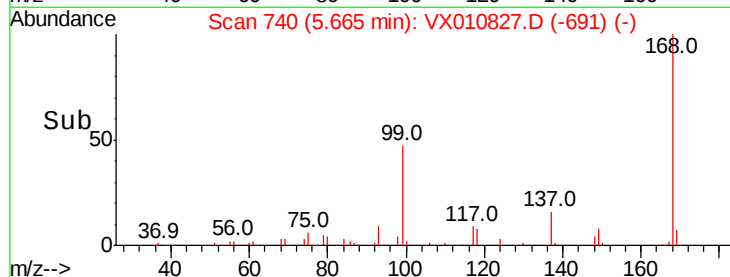
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.113 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010827.D

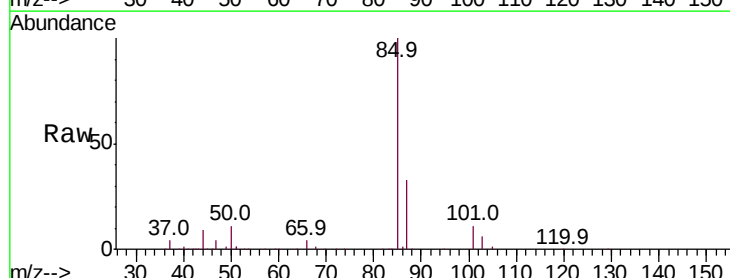
Acq: 12 Jul 2019 11:45

Tgt Ion: 85 Resp: 32166

Ion Ratio Lower Upper

85 100

87 33.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

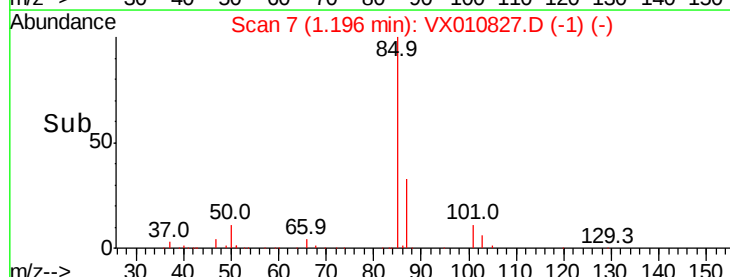
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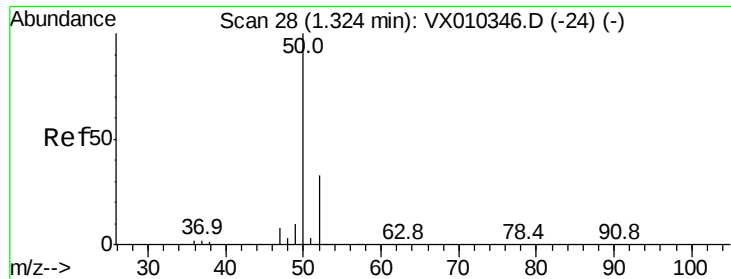
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10000

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Time-->





#3

Chloromethane

Concen: 20.276 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion: 50 Resp: 34344

Ion Ratio Lower Upper

50 100

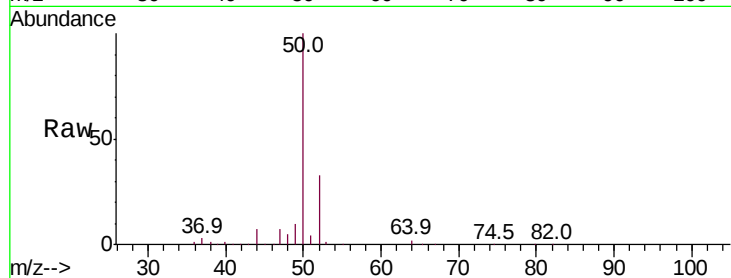
52 32.9 26.5 39.7

Manual Integrations

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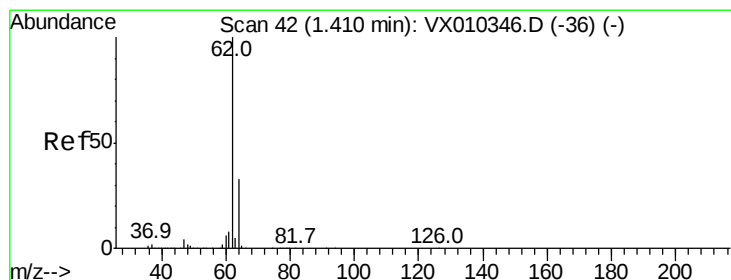
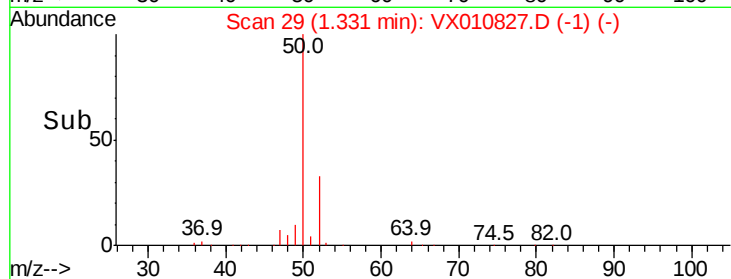
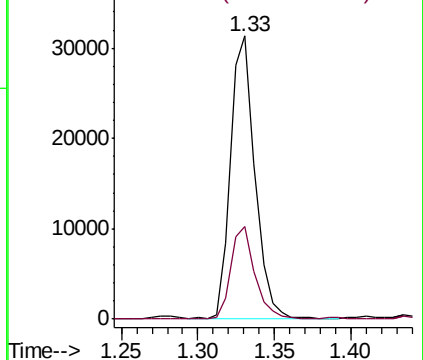
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.541 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010827.D

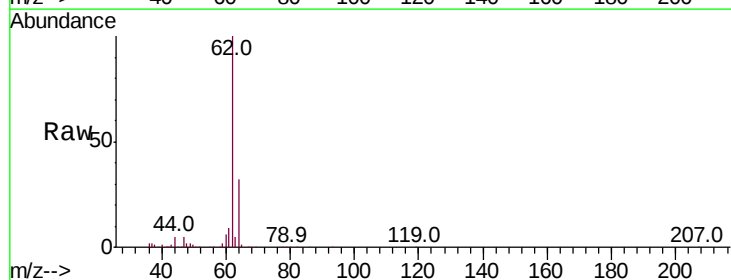
Acq: 12 Jul 2019 11:45

Tgt Ion: 62 Resp: 36254

Ion Ratio Lower Upper

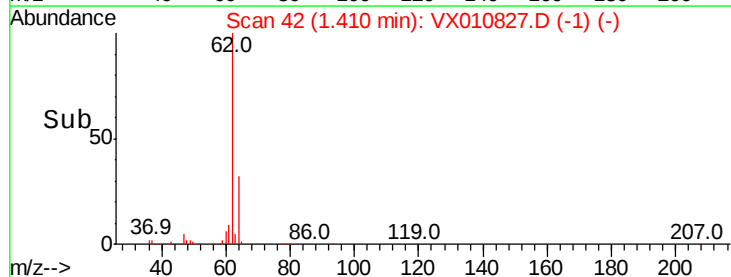
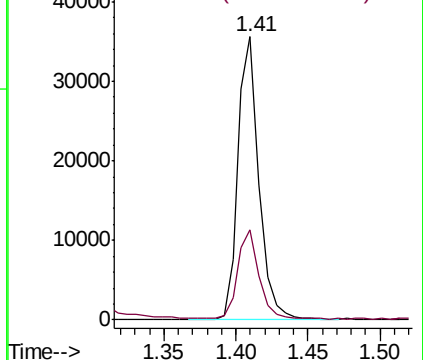
62 100

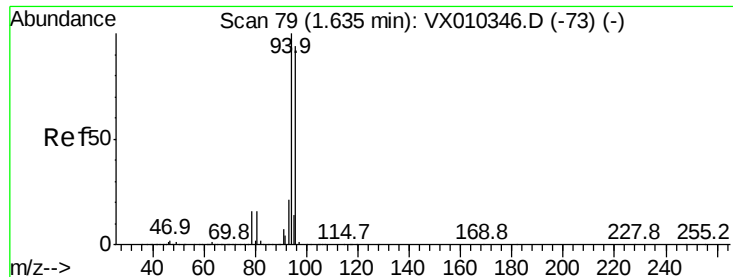
64 31.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.534 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion: 94 Resp: 22175

Ion Ratio Lower Upper

94 100

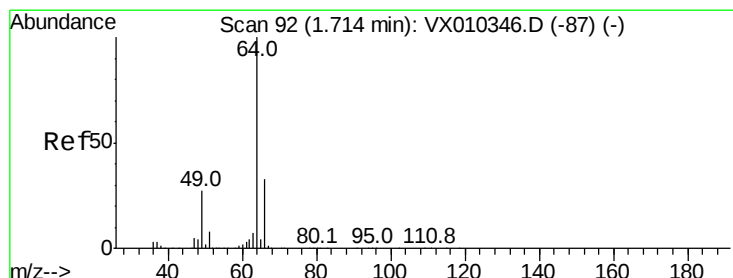
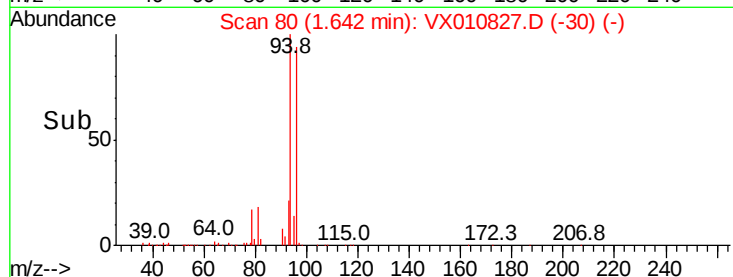
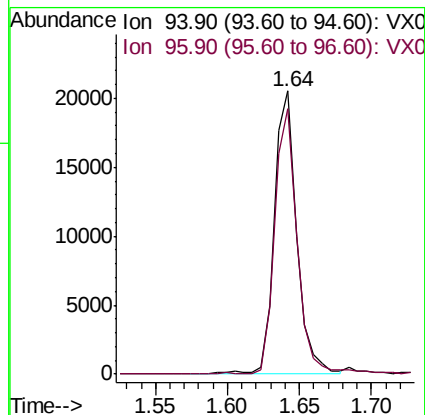
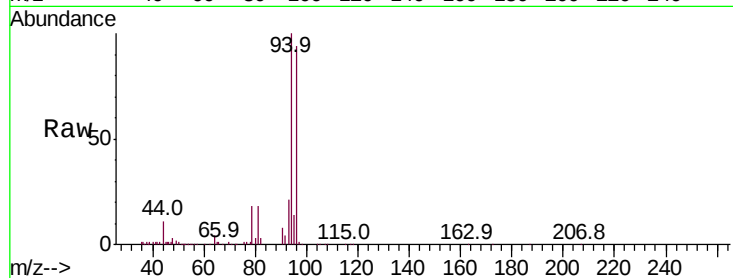
96 93.6 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 21.317 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010827.D

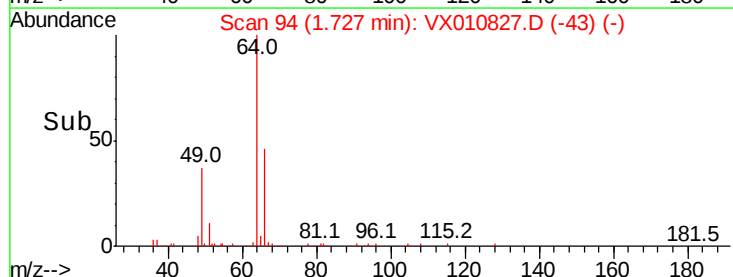
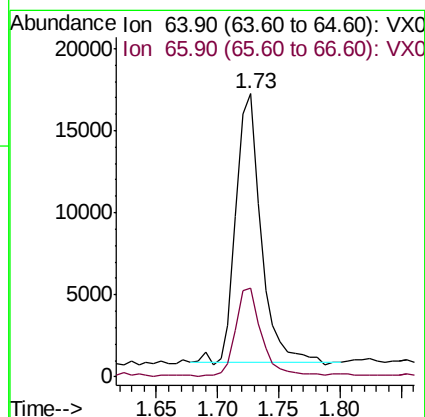
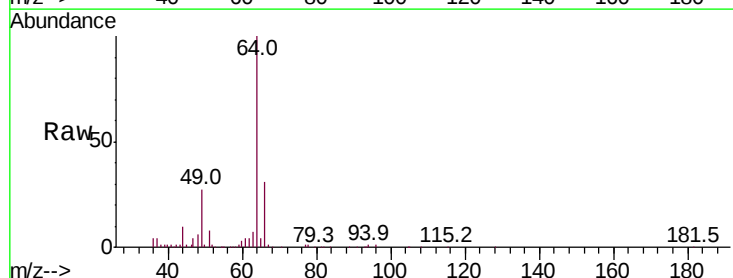
Acq: 12 Jul 2019 11:45

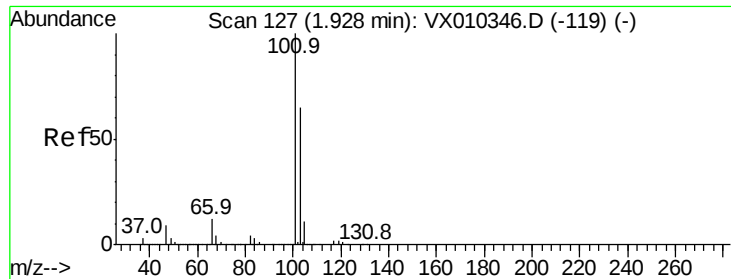
Tgt Ion: 64 Resp: 23333

Ion Ratio Lower Upper

64 100

66 32.0 26.6 40.0





#7

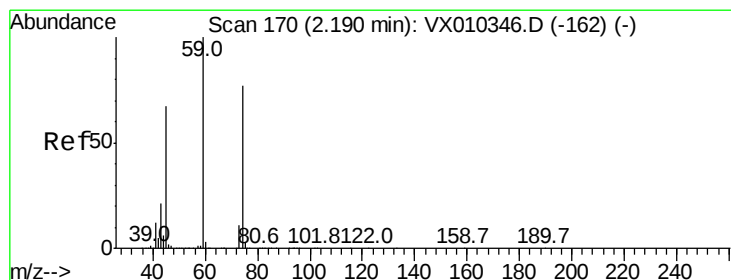
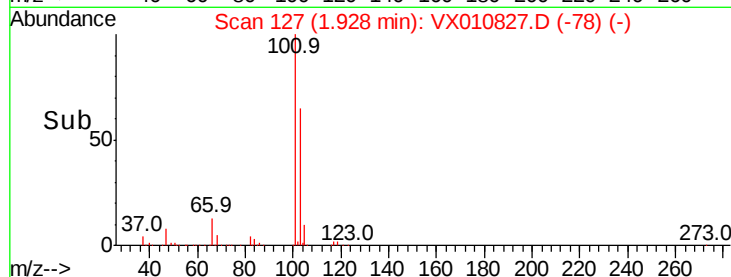
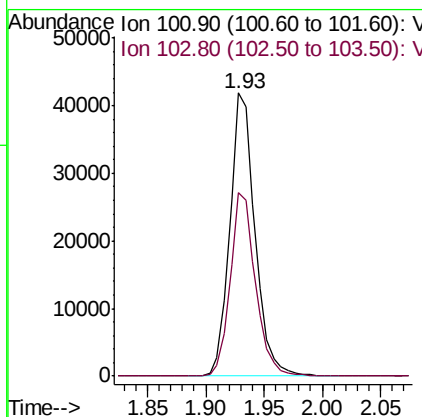
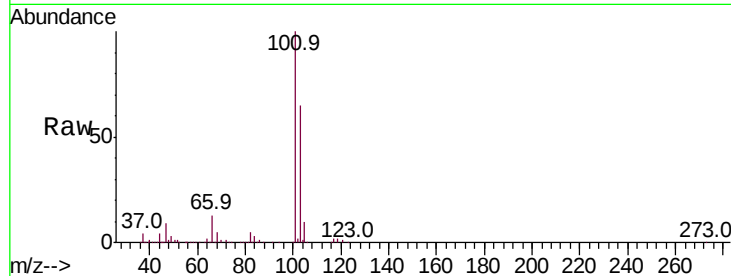
Trichlorofluoromethane
 Concen: 21.371 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.3	78.5

Manual Integrations
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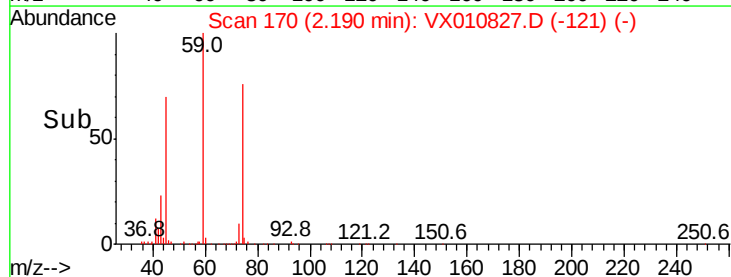
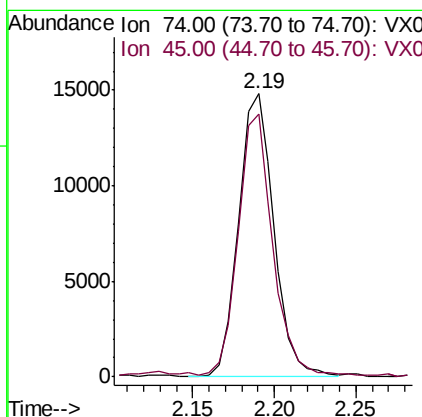
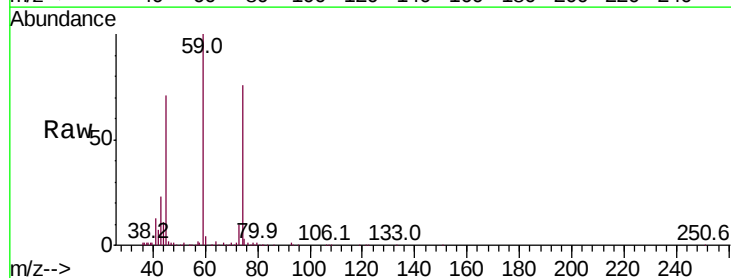
MMDadoda
 7/15/2019 11:00:29 AM

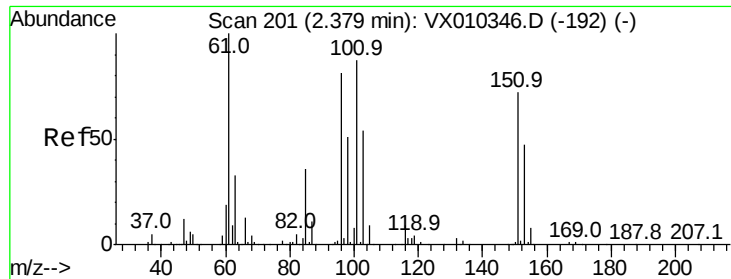


#8

Diethyl Ether
 Concen: 21.171 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.6	44.8	134.4





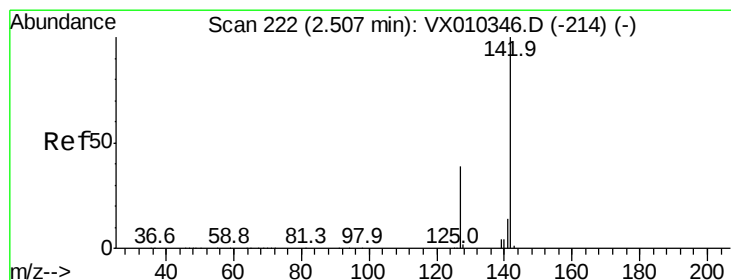
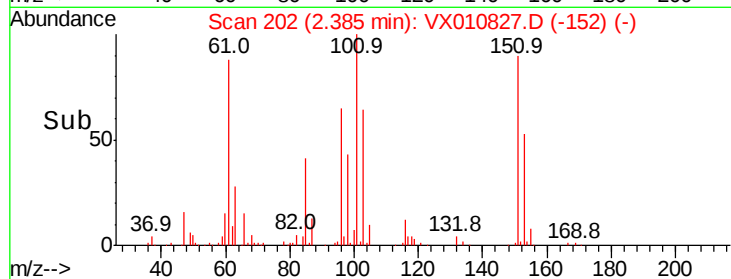
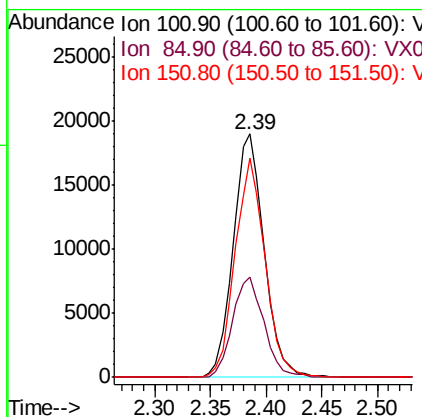
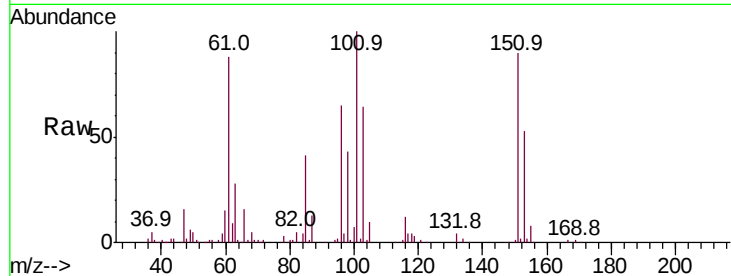
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.443 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.8	33.7	50.5
151	87.2	70.1	105.1

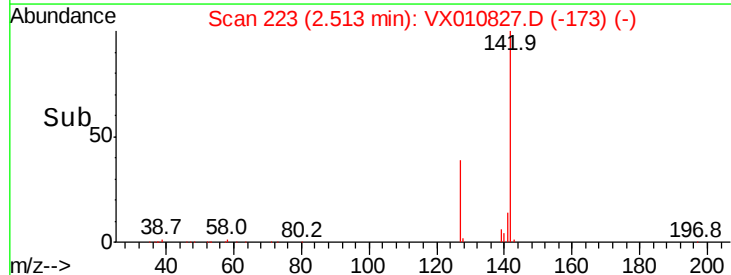
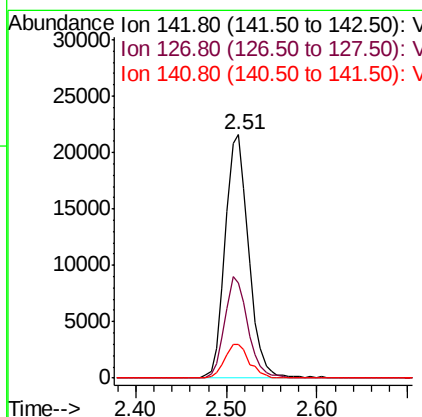
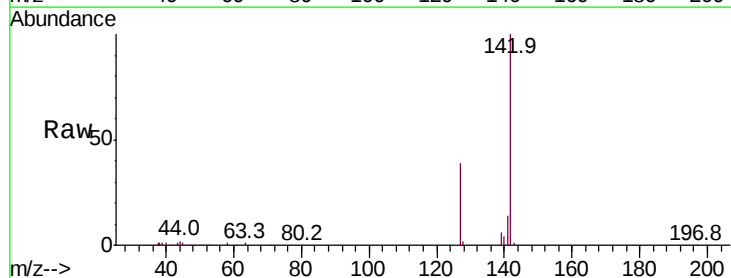
Manual Integrations
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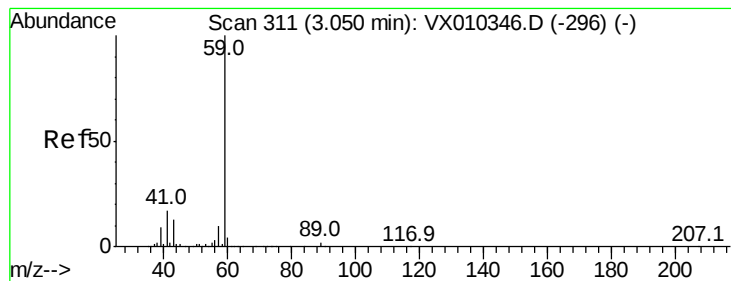
MMDadoda
7/15/2019 11:00:29 AM



#10
Methyl Iodide
Concen: 15.291 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.1	31.1	46.7
141	14.4	11.2	16.8





#11

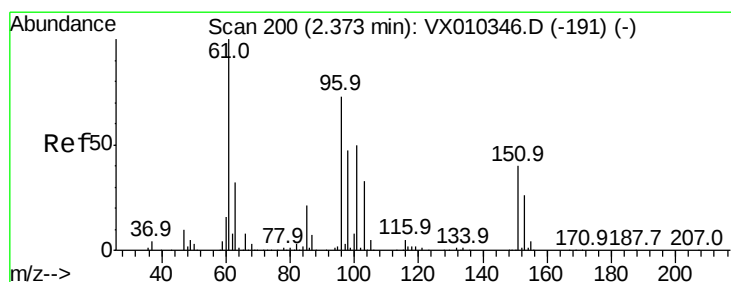
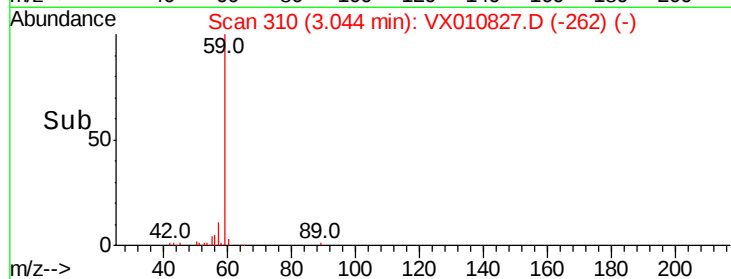
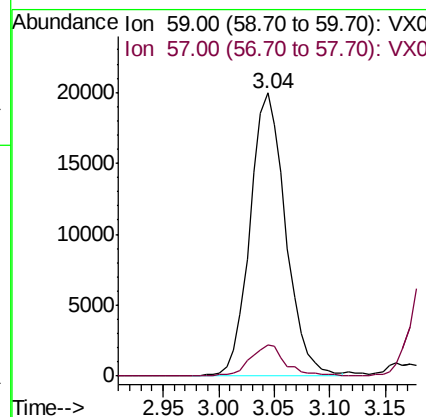
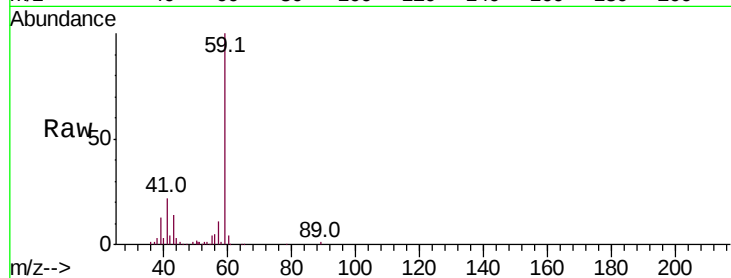
Tert butyl alcohol
Concen: 87.008 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	59	Resp	44663
Ion Ratio	100	Lower	Upper
57	11.1	7.7	11.5

Manual Integrations
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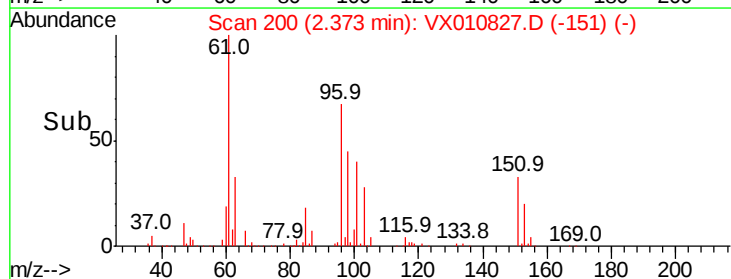
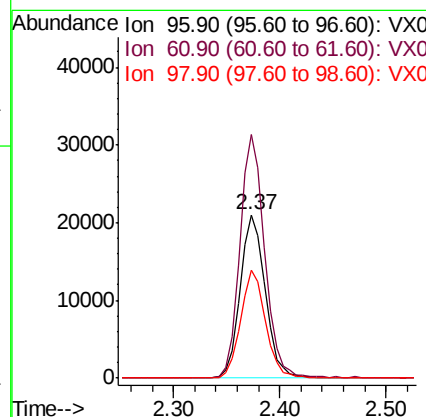
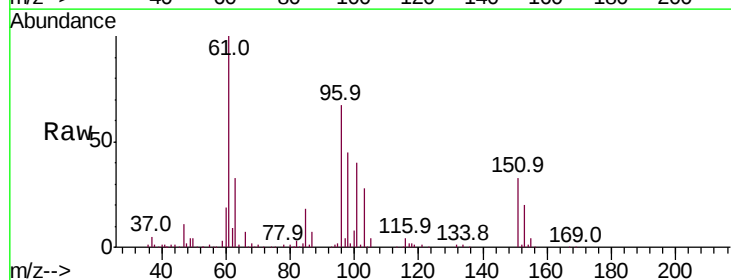
MMDadoda
7/15/2019 11:00:29 AM

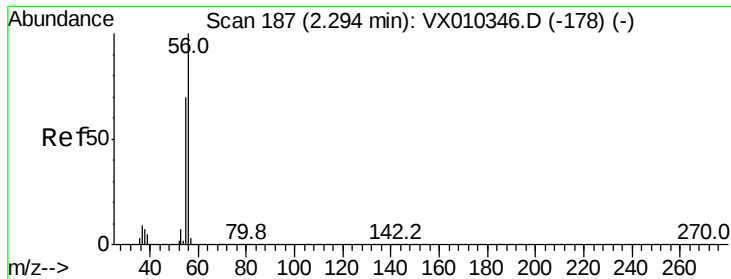


#12

1,1-Dichloroethene
Concen: 19.189 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	96	Resp	34801
Ion Ratio	100	Lower	Upper
61	148.9	109.2	163.8
98	66.3	51.1	76.7





#13

Acrolein

Concen: 125.231 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion: 56 Resp: 42644

Ion Ratio Lower Upper

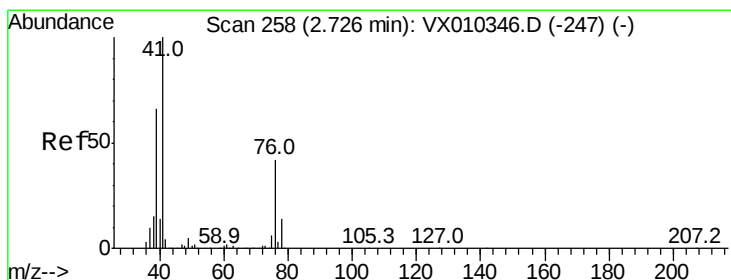
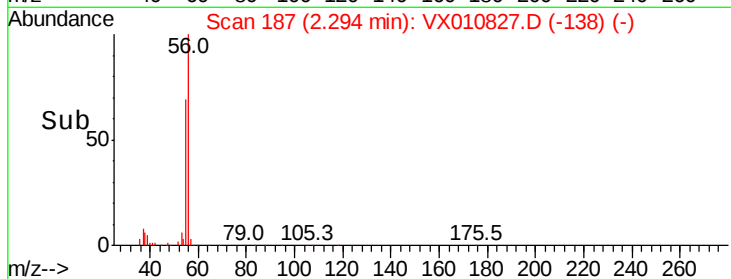
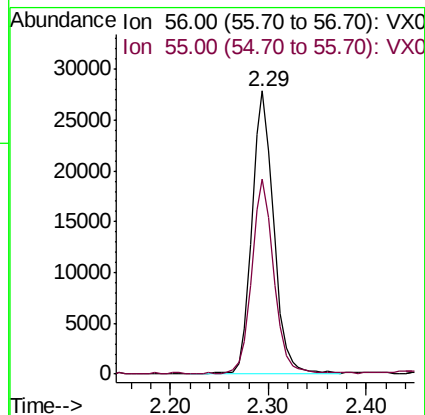
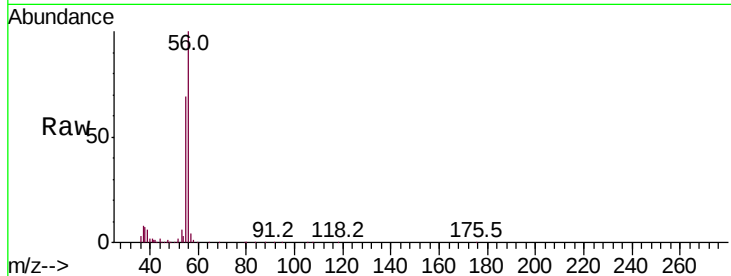
56 100

55 69.9 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 20.168 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

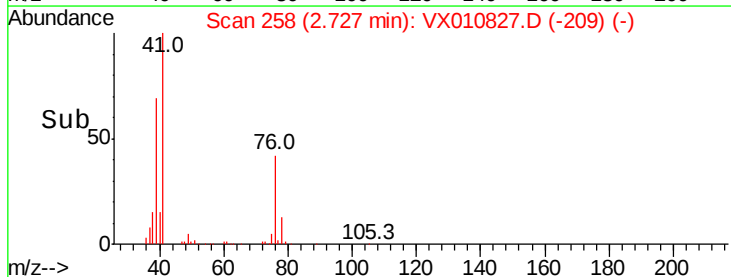
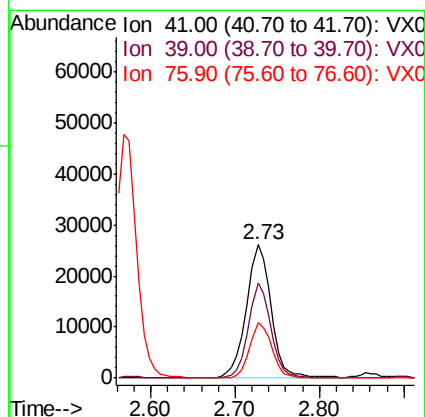
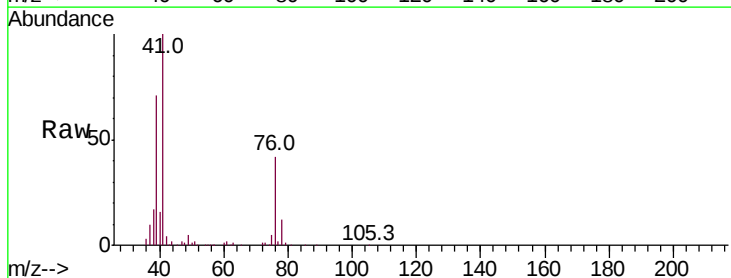
Tgt Ion: 41 Resp: 51926

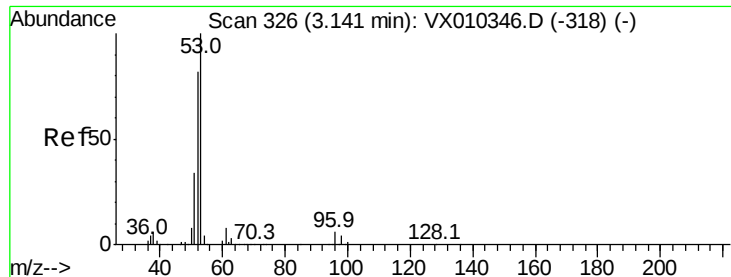
Ion Ratio Lower Upper

41 100

39 63.4 50.3 75.5

76 37.3 31.3 46.9





#15

Acrylonitrile

Concen: 103.440 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

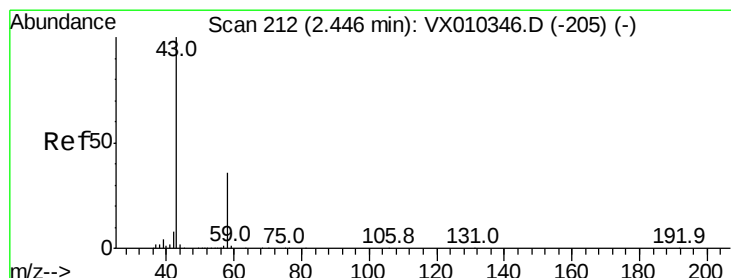
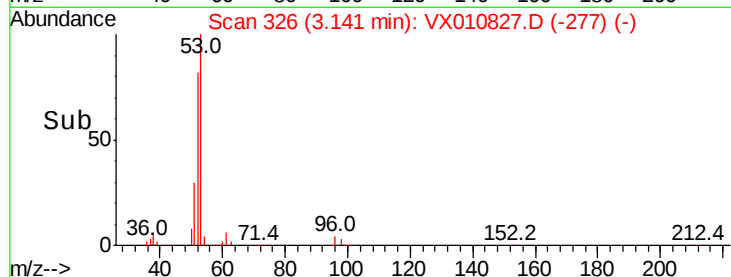
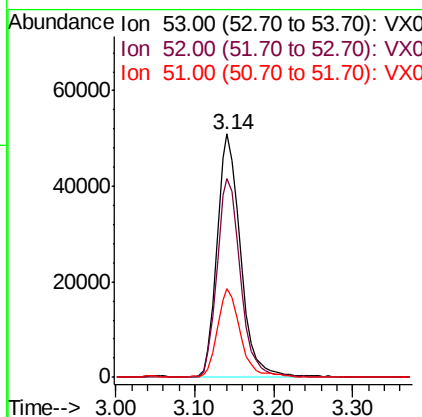
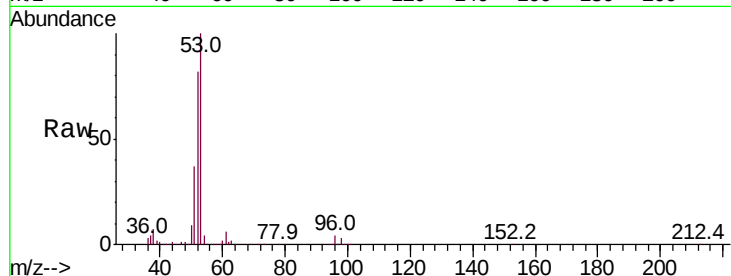
ClientSampleId :

VX0712WBS02

Tot Ion:	53	Resp:	105127
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.5	98.3
51	35.8	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 106.471 ug/l

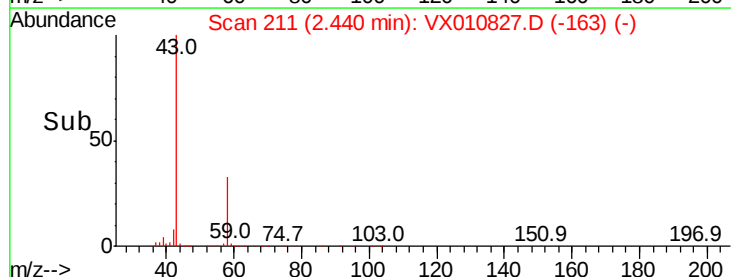
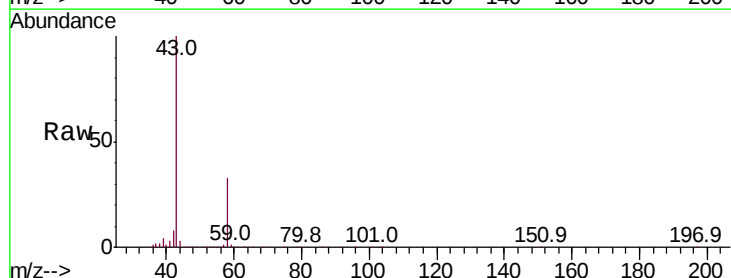
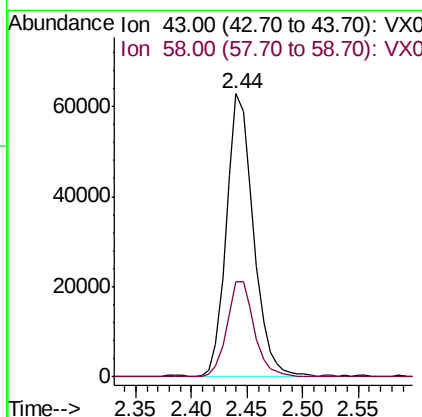
RT: 2.44 min Scan# 211

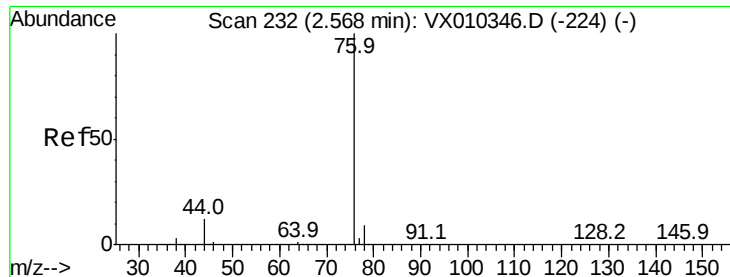
Delta R.T. -0.01 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Tgt Ion:	43	Resp:	104677
Ion Ratio	Lower	Upper	
43	100		
58	33.5	28.9	43.3





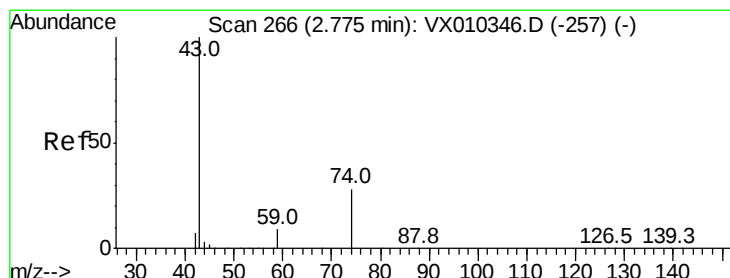
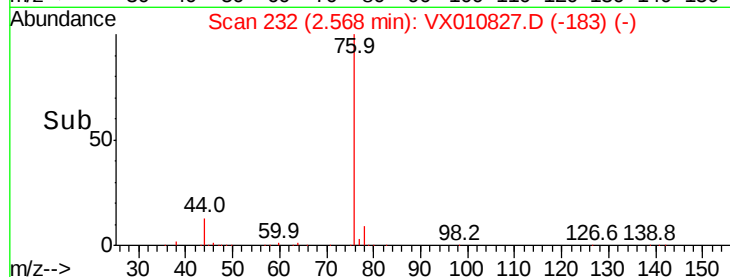
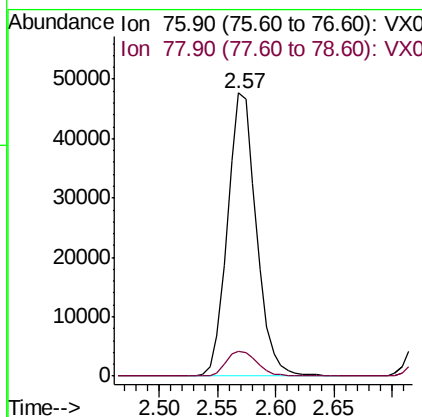
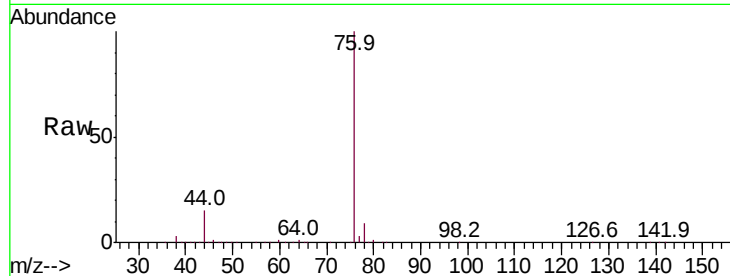
#17
Carbon Disulfide
Concen: 16.910 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

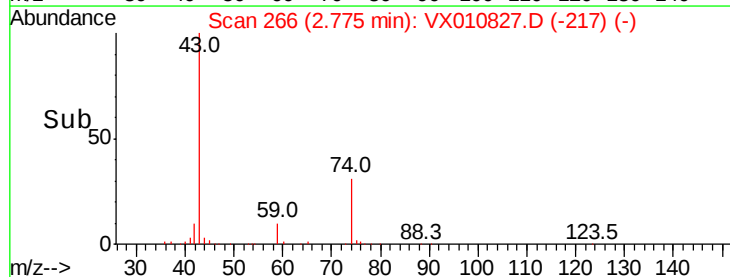
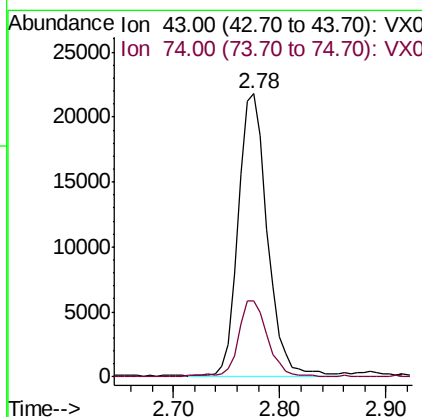
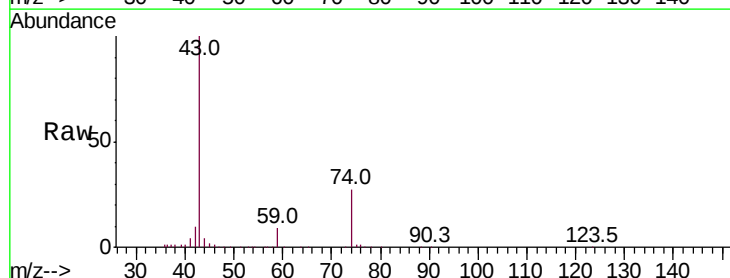
Manual Integrations
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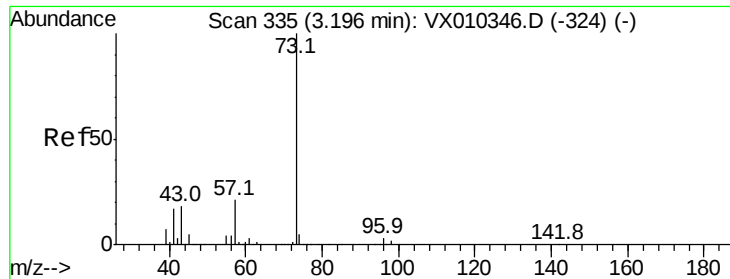
MMDadoda
7/15/2019 11:00:29 AM



#18
Methyl Acetate
Concen: 21.223 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	21.3	31.9





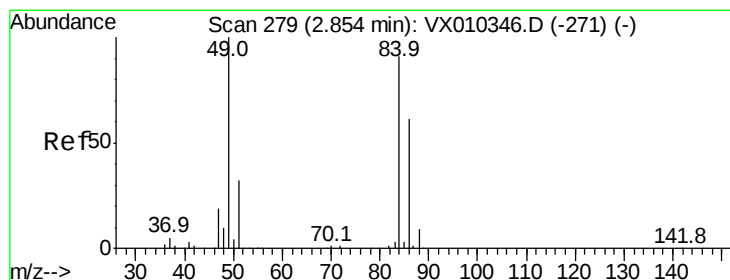
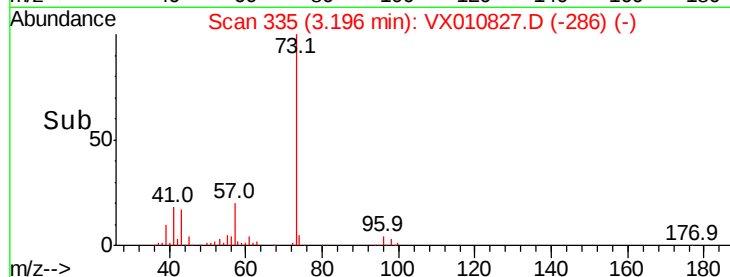
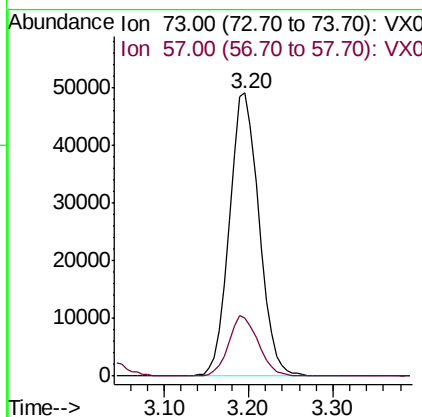
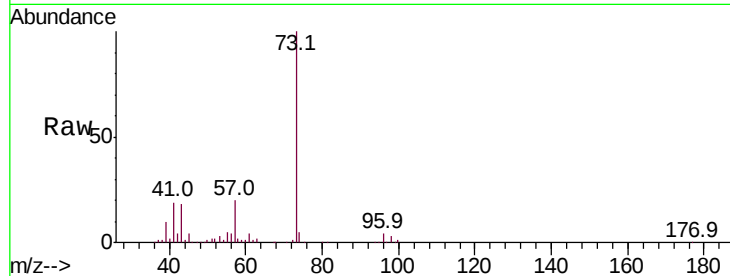
#19
Methvl tert-butvl Ether
Concen: 20.479 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion: 73 Resp: 116836
Ion Ratio Lower Upper
73 100
57 20.3 16.4 24.6

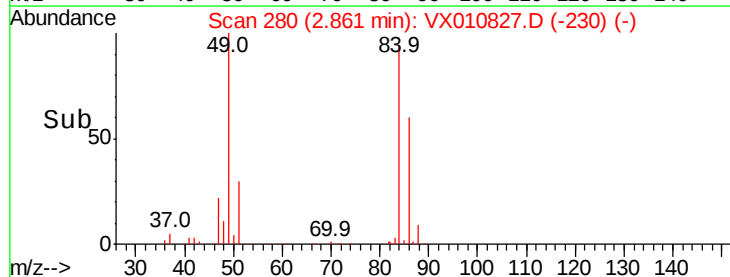
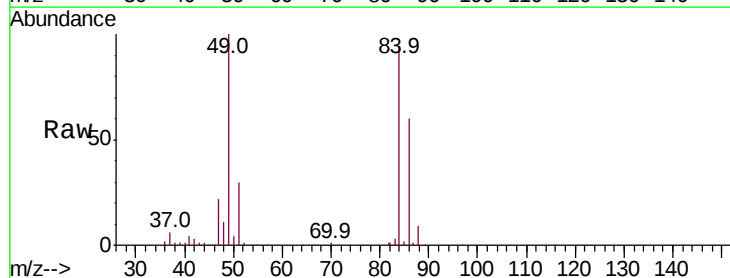
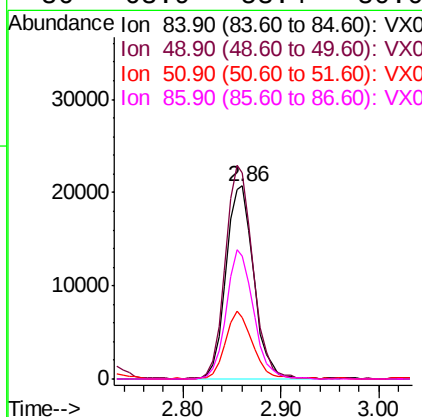
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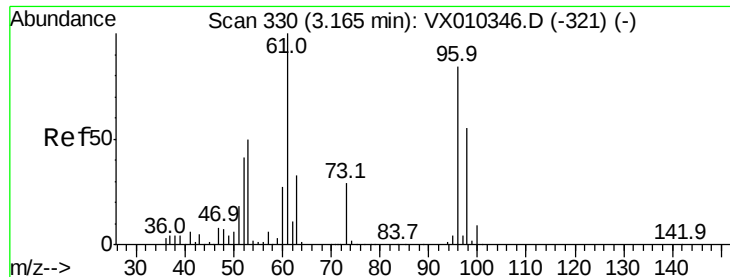
MMDadoda
7/15/2019 11:00:29 AM



#20
Methylene Chloride
Concen: 20.222 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 84 Resp: 40915
Ion Ratio Lower Upper
84 100
49 106.3 87.5 131.3
51 31.8 27.7 41.5
86 63.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 19.445 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion: 96 Resp: 37928

Ion Ratio Lower Upper

96 100

61 119.6 95.6 143.4

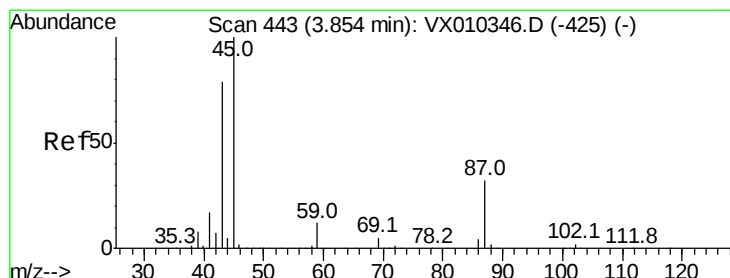
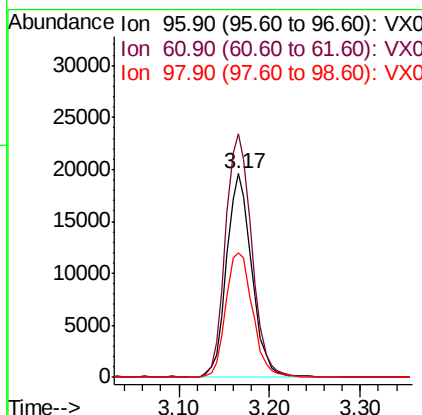
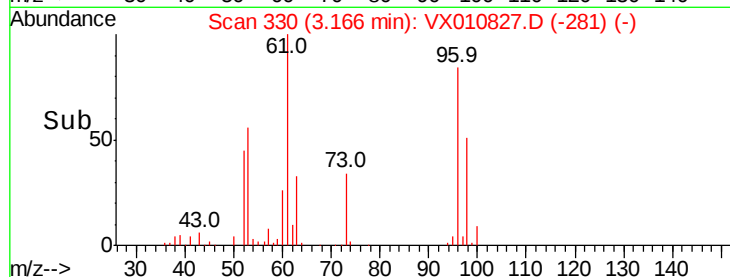
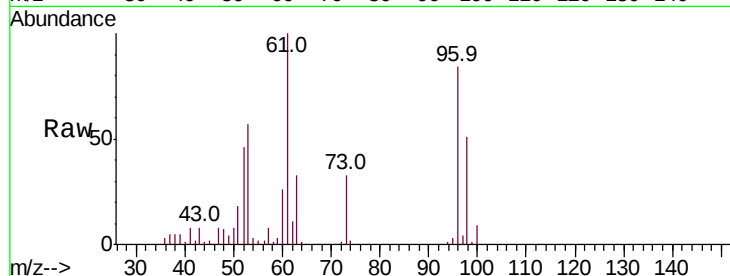
98 61.0 52.5 78.7

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7/15/2019 11:00:29 AM



#22

Diisopropyl ether

Concen: 20.948 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Tgt Ion: 45 Resp: 112766

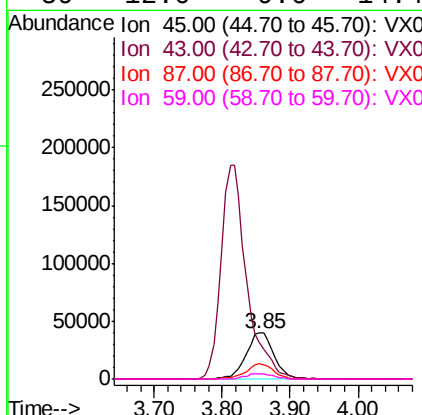
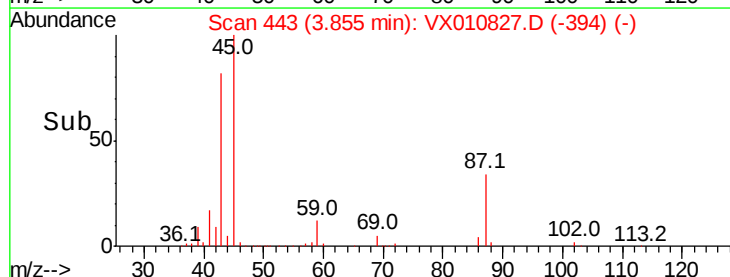
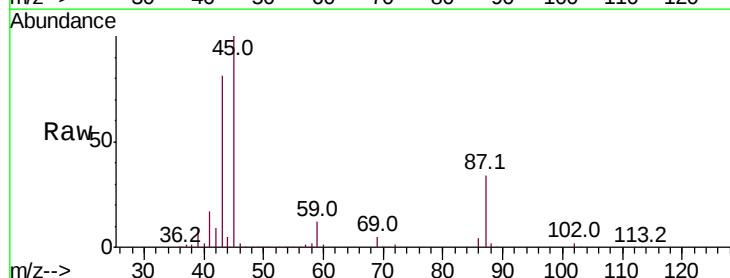
Ion Ratio Lower Upper

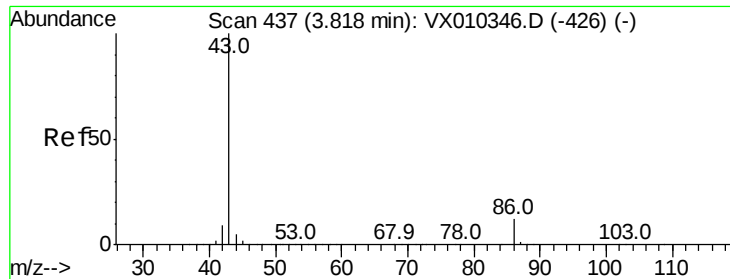
45 100

43 81.5 63.3 94.9

87 33.8 25.8 38.8

59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 104.536 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion: 43 Resp: 486141

Ion Ratio Lower Upper

43 100

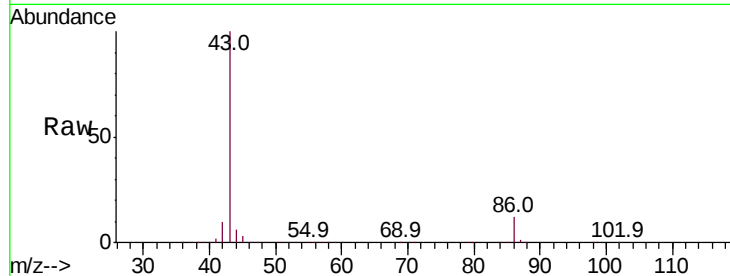
86 11.7 9.9 14.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

200000

150000

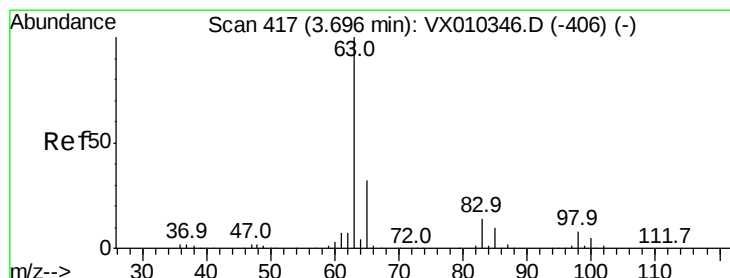
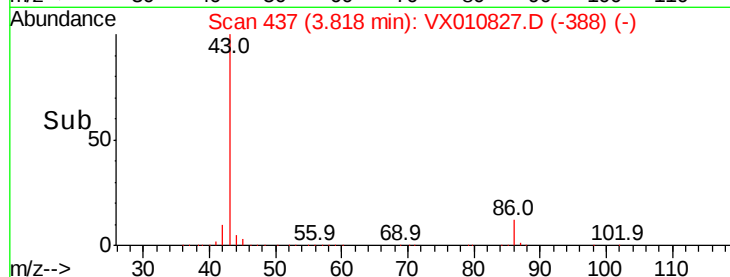
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.335 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

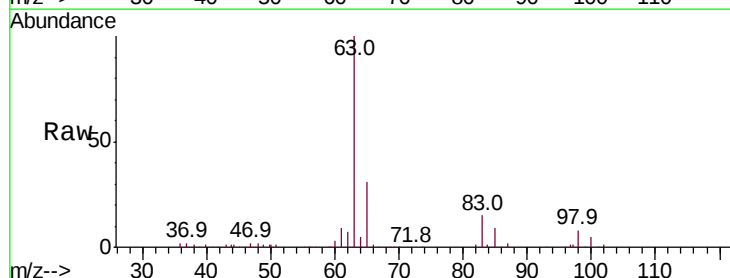
Tgt Ion: 63 Resp: 63276

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 5.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

30000

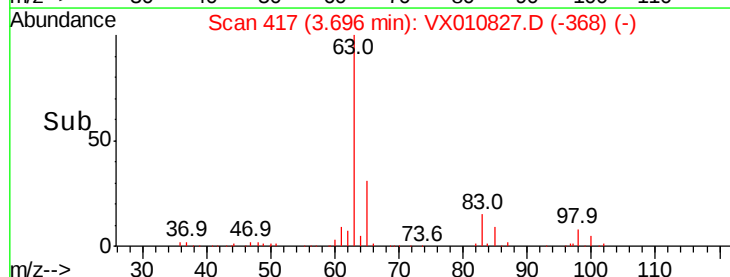
20000

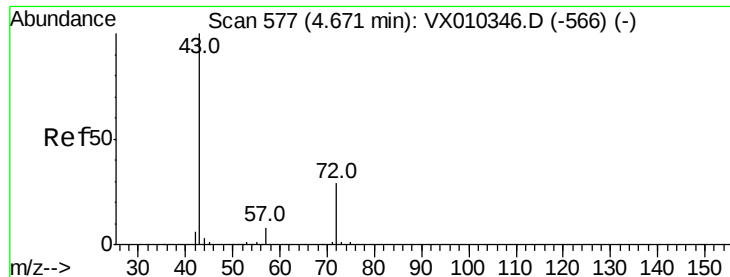
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 102.791 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion: 43 Resp: 148241

Ion Ratio Lower Upper

43 100

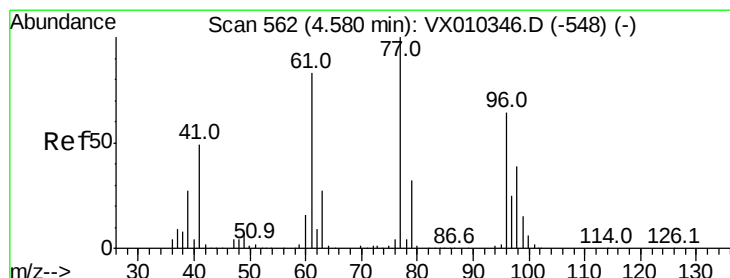
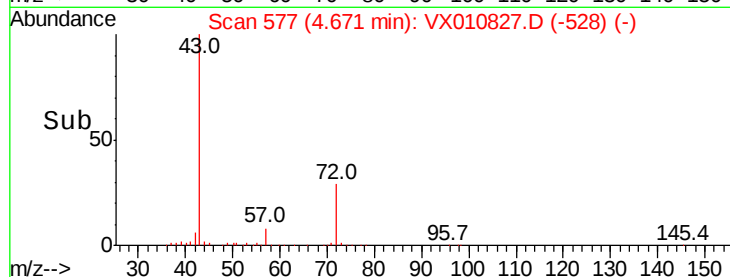
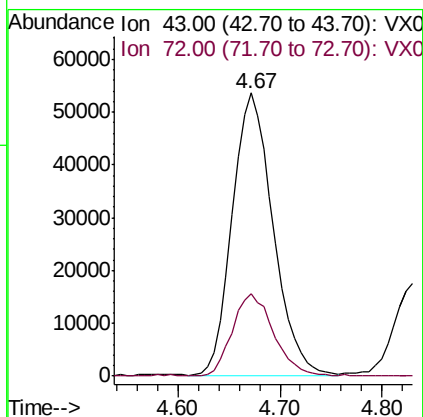
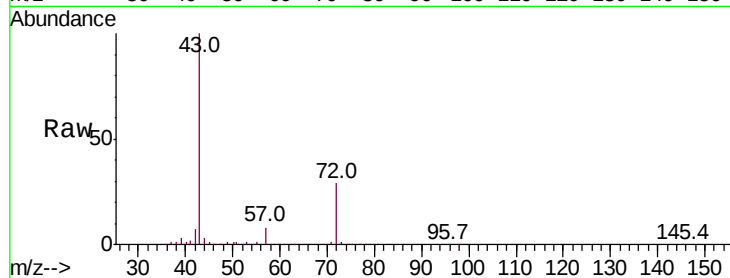
72 29.0 23.3 34.9

Manual Integrations

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MMDadoda

7/15/2019 11:00:29 AM



#26

2,2-Dichloropropane

Concen: 18.253 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010827.D

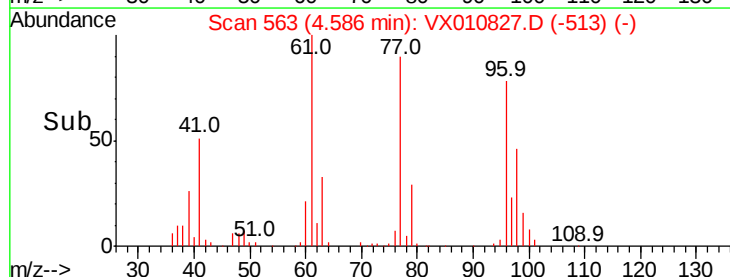
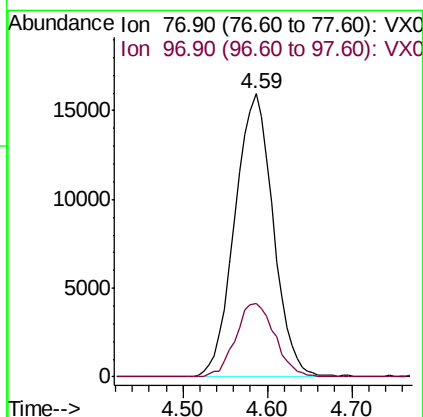
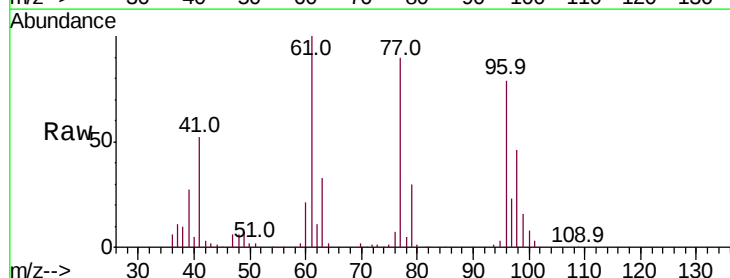
Acq: 12 Jul 2019 11:45

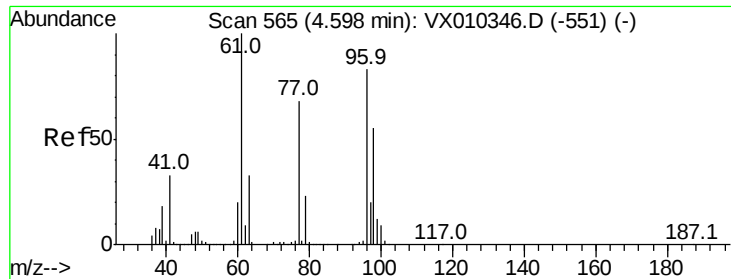
Tgt Ion: 77 Resp: 49338

Ion Ratio Lower Upper

77 100

97 26.6 13.1 39.3





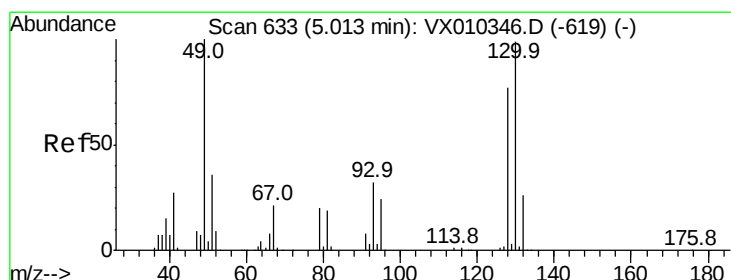
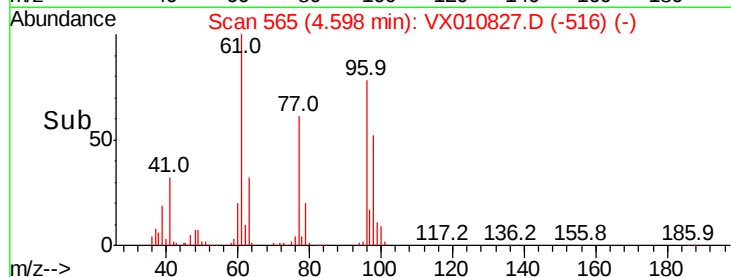
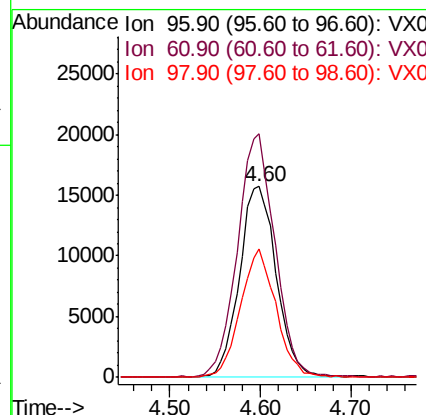
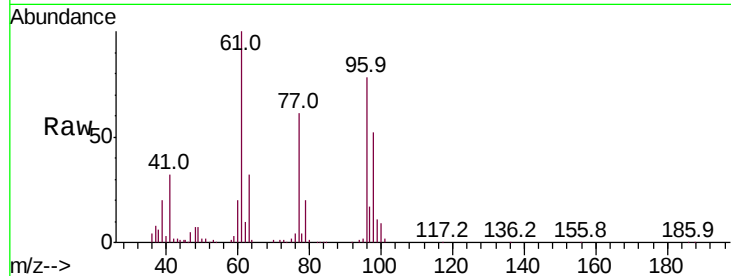
#27
 cis-1,2-Dichloroethene
 Concen: 19.628 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	251.8
98	65.1	0.0	129.4

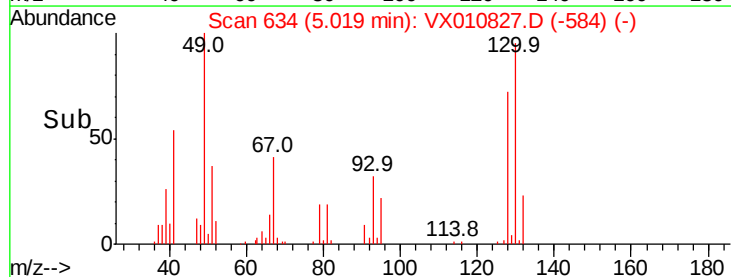
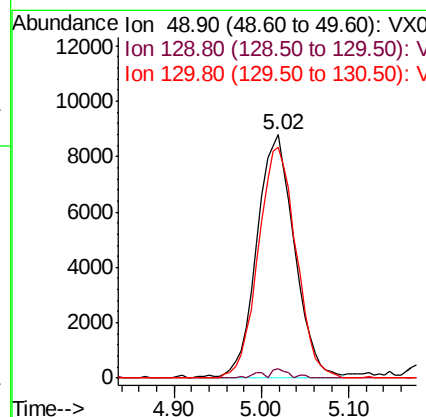
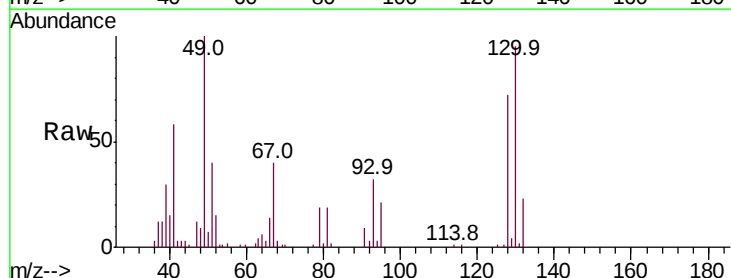
Manual Integrations
 APPROVED

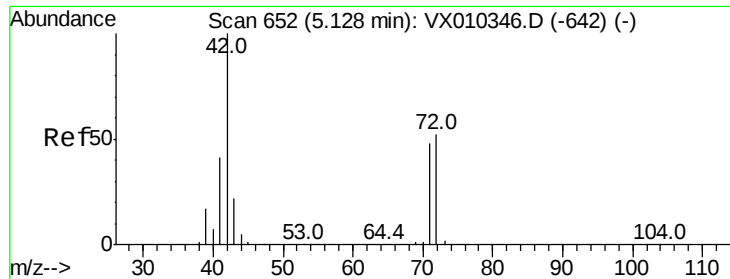
MMDadoda
 7/15/2019 11:00:29 AM



#28
 Bromochloromethane
 Concen: 17.728 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	5.6
130	94.7	81.4	122.0





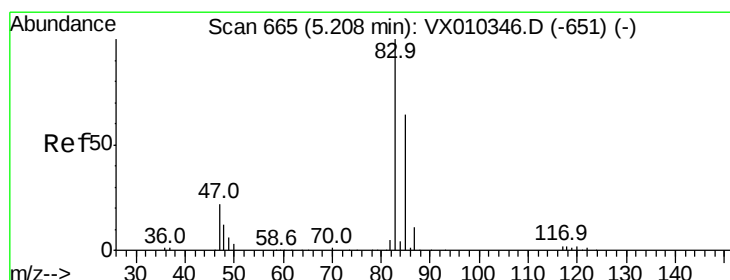
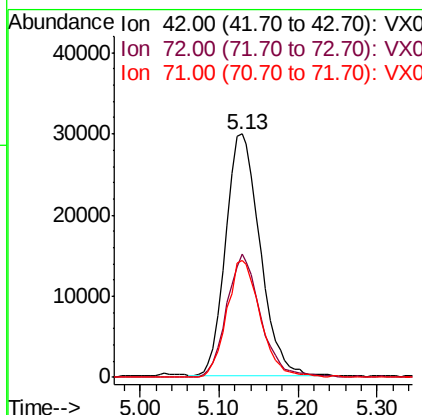
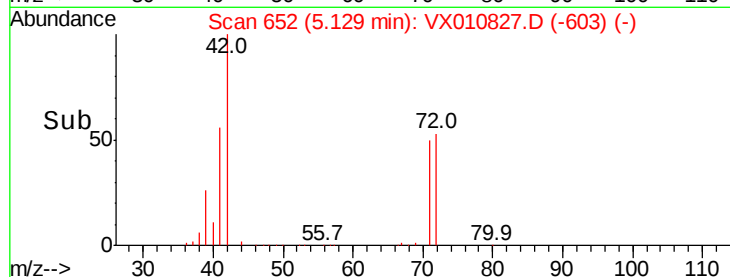
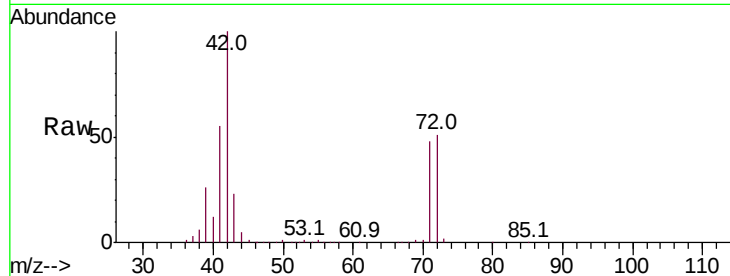
#29
Tetrahydrofuran
Concen: 101.367 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.5	40.6	60.8
71	47.5	37.8	56.8

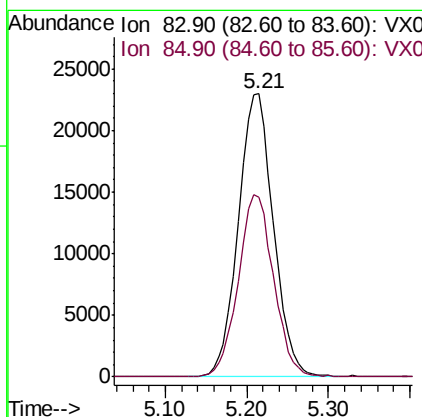
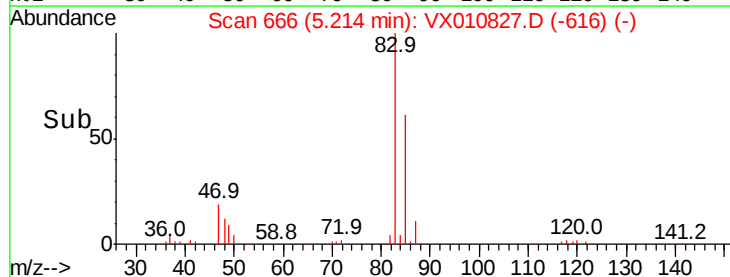
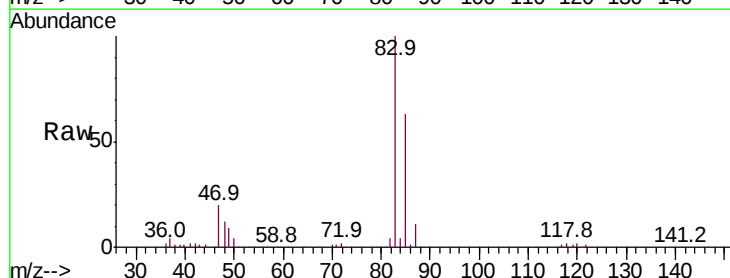
Manual Integrations
APPROVED

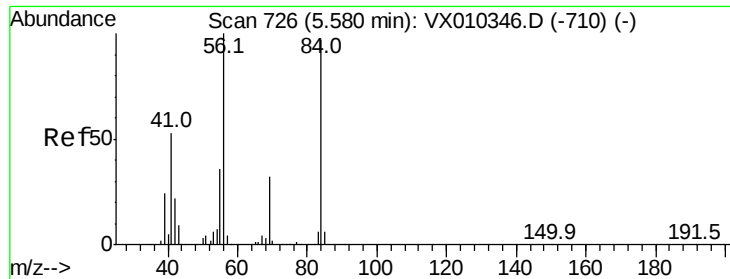
MMDadoda
7/15/2019 11:00:29 AM



#30
Chloroform
Concen: 20.548 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.9	76.3





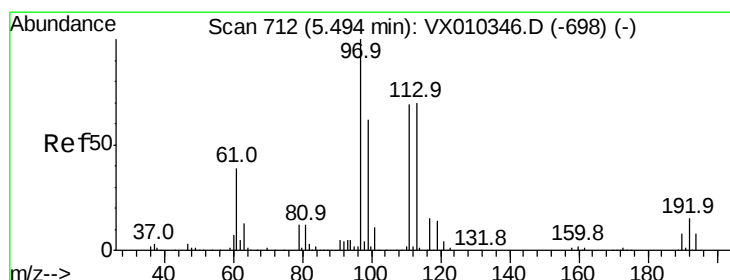
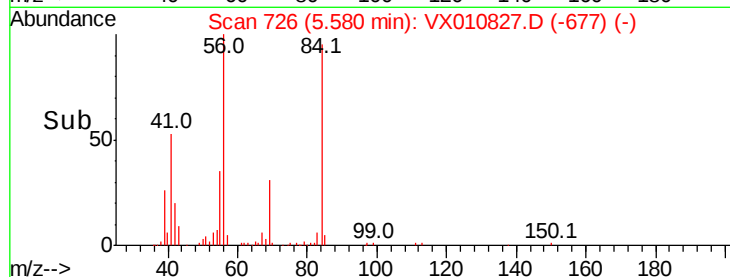
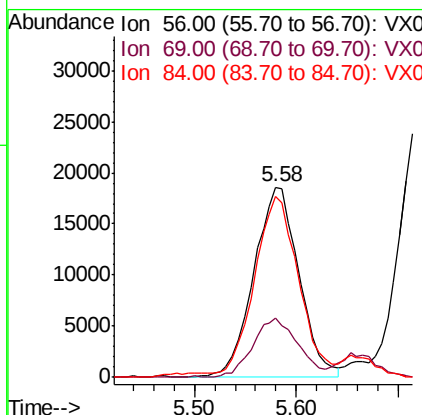
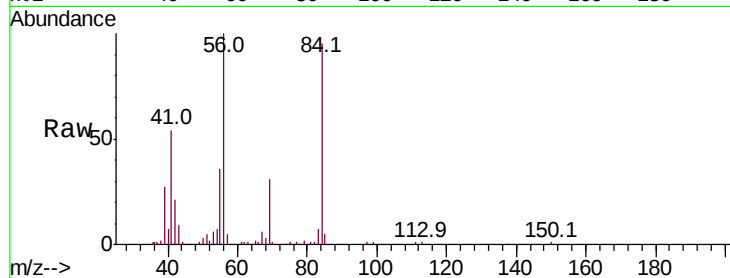
#31
Cyclohexane
Concen: 20.147 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.9	38.9
84	92.3	78.0	117.0

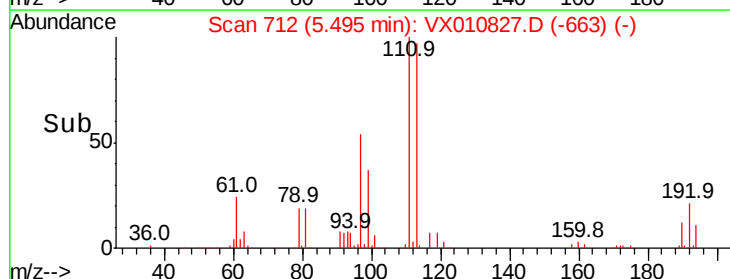
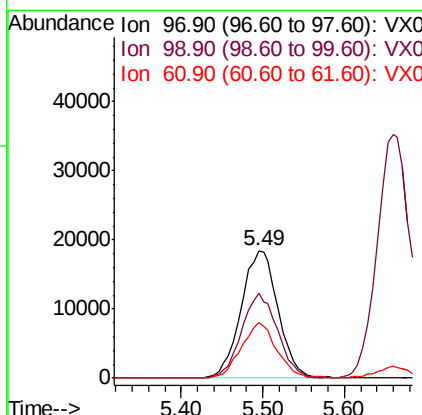
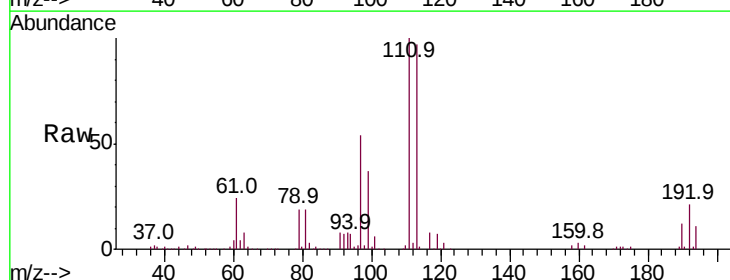
Manual Integrations
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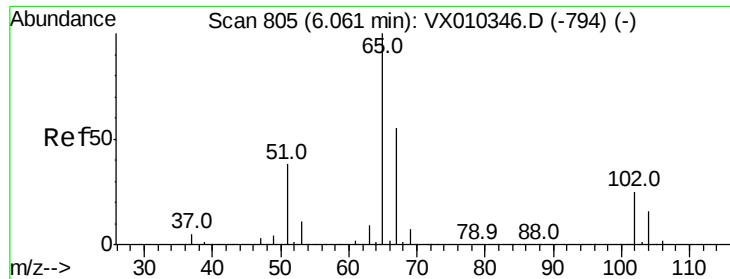
MMDadoda
7/15/2019 11:00:29 AM



#32
1,1,1-Trichloroethane
Concen: 19.598 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	42.2	32.1	48.1





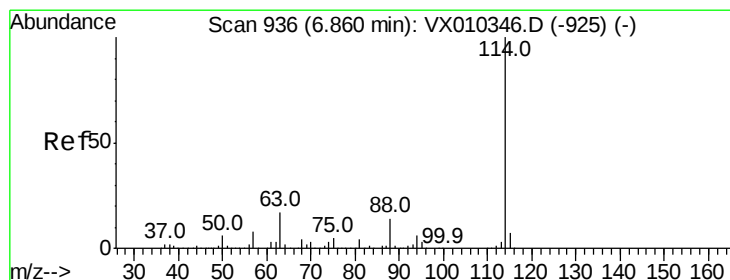
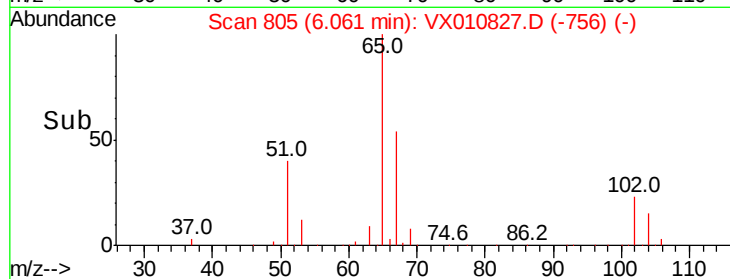
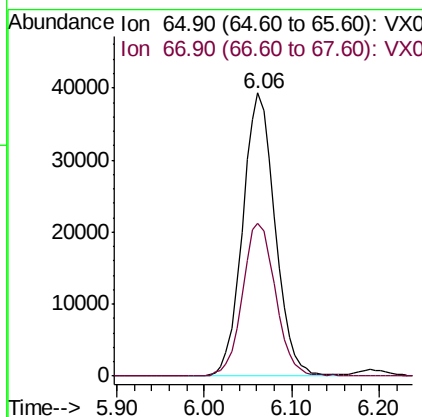
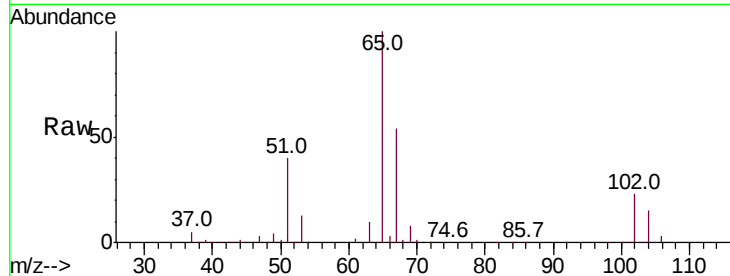
#33
 1,2-Dichloroethane-d4
 Concen: 51.472 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.3	0.0	110.2	

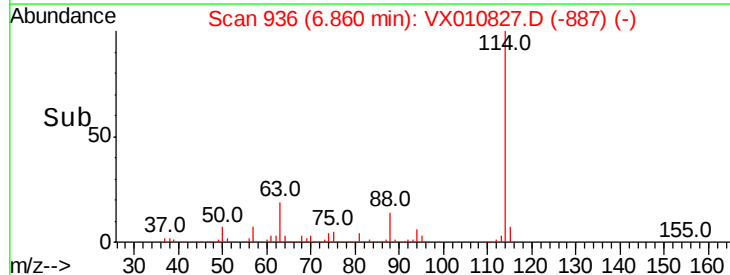
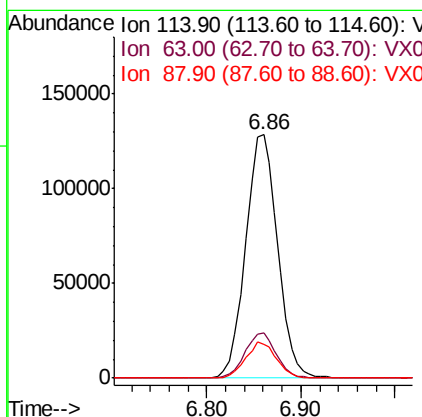
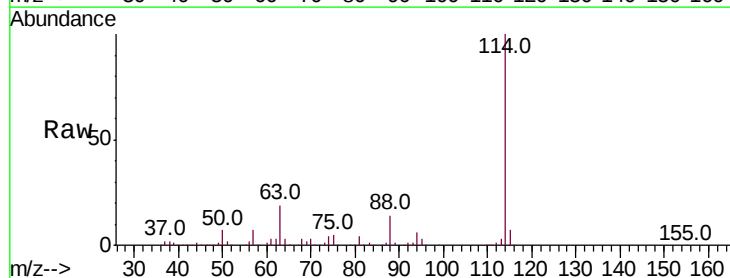
Manual Integrations
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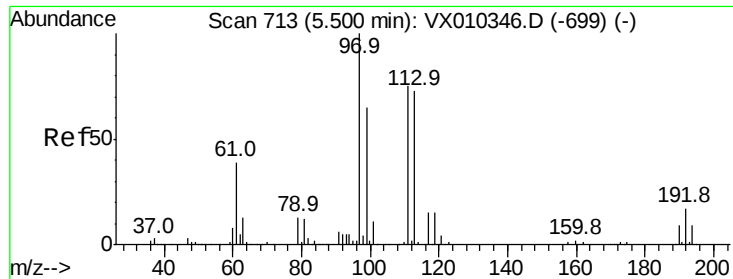
MMDadoda
 7/15/2019 11:00:29 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.5	0.0	33.8	
88	14.1	0.0	27.6	





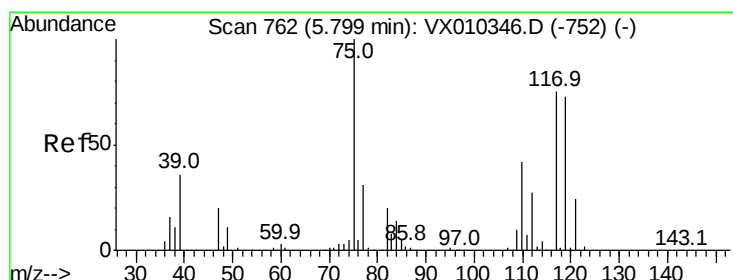
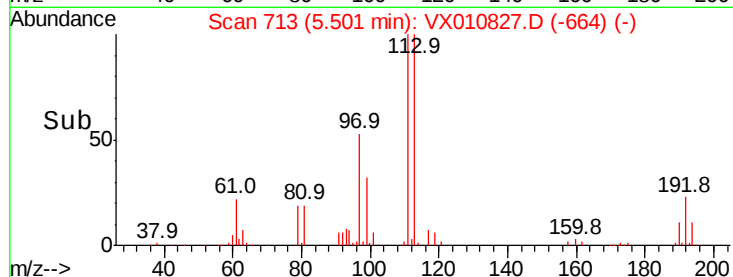
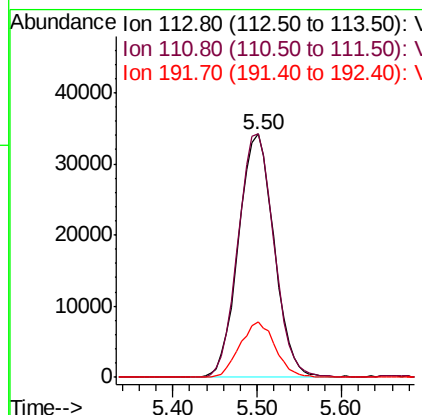
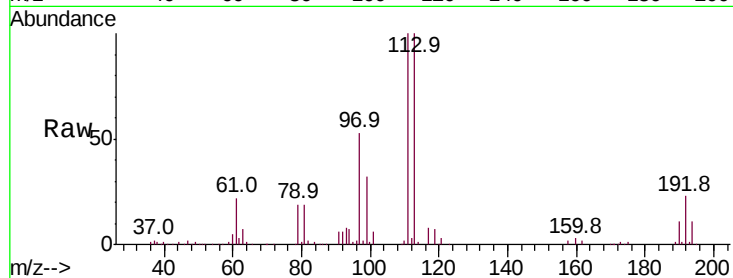
#35
Dibromofluoromethane
Concen: 52.176 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.2	121.8
192	22.6	18.6	27.8

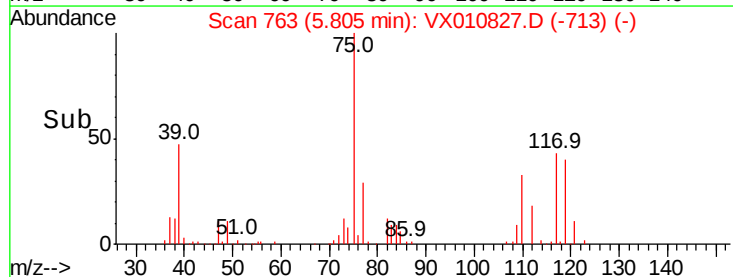
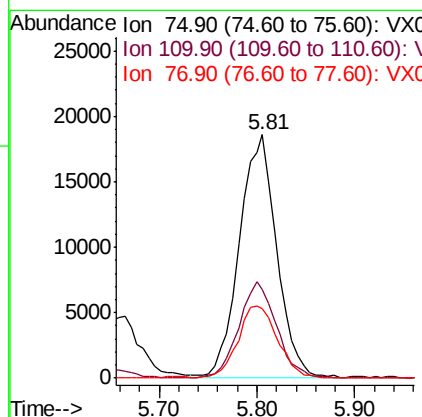
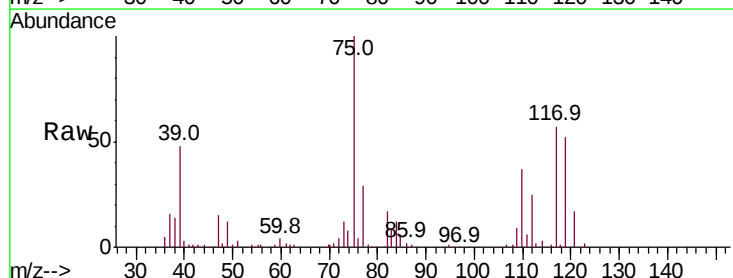
Manual Integrations
APPROVED

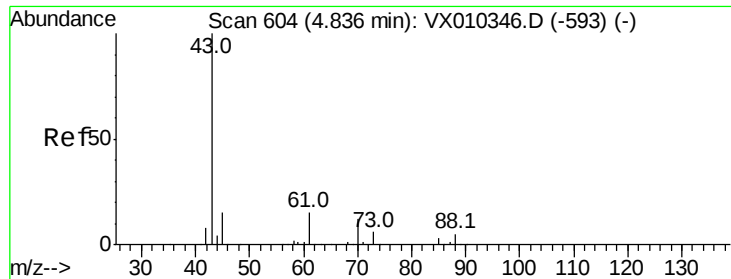
MMDadoda
7/15/2019 11:00:29 AM



#36
1,1-Dichloropropene
Concen: 20.310 ug/l
RT: 5.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.8	20.8	62.2
77	31.5	25.4	38.0





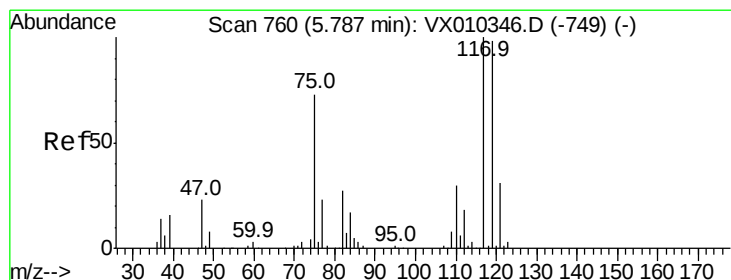
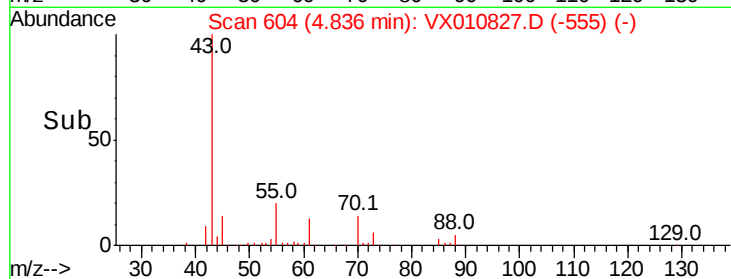
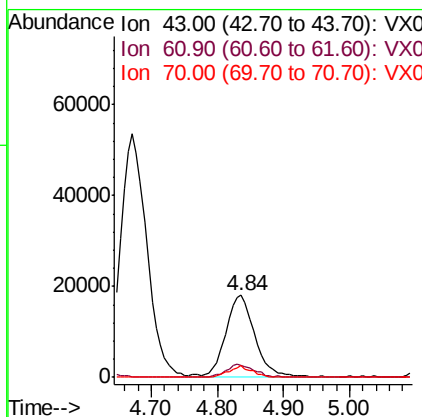
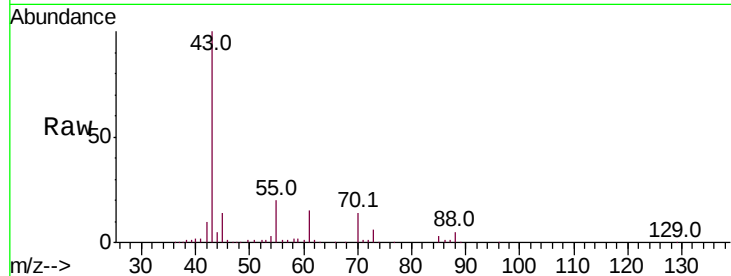
#37
Ethyl Acetate
Concen: 21.592 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.4	18.6
70	12.2	9.8	14.8

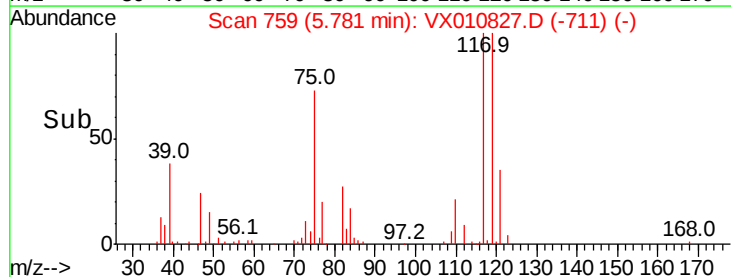
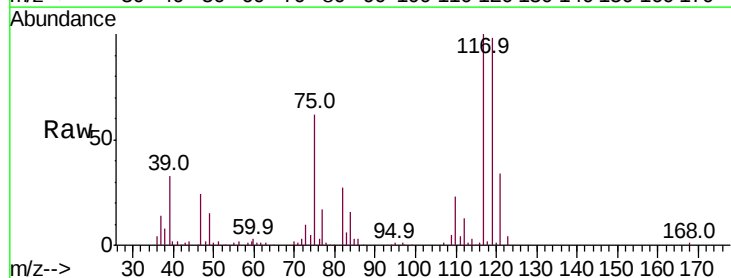
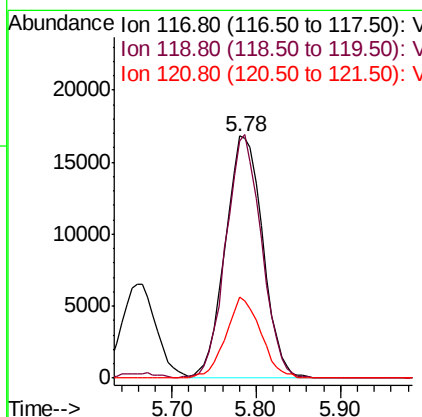
Manual Integrations
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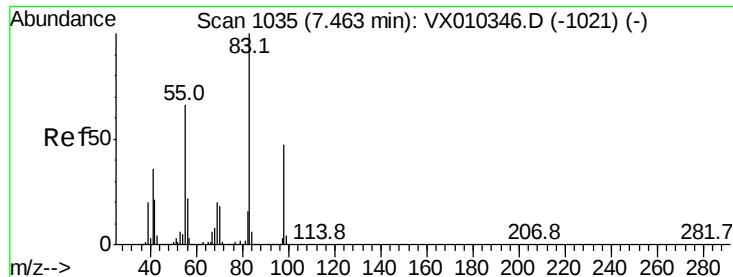
MMDadoda
7/15/2019 11:00:29 AM



#38
Carbon Tetrachloride
Concen: 19.290 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.2	117.4
121	33.6	24.7	37.1





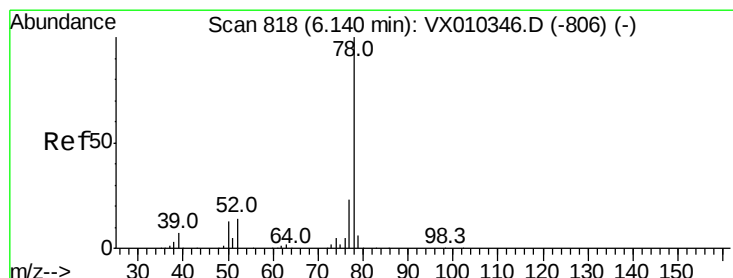
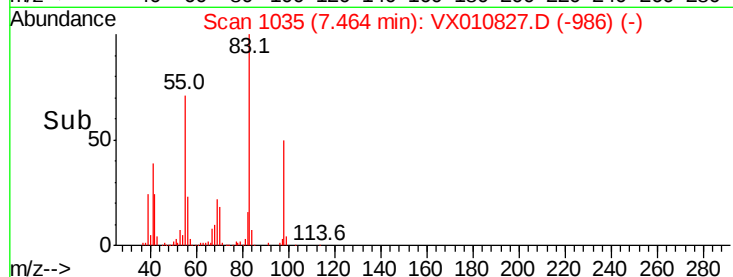
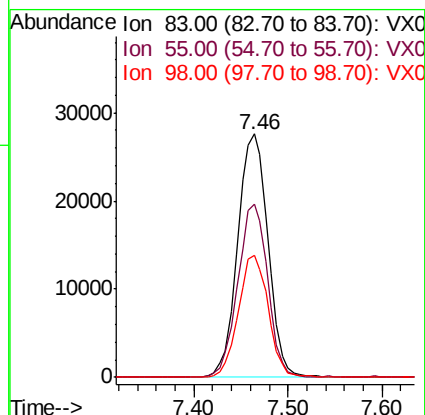
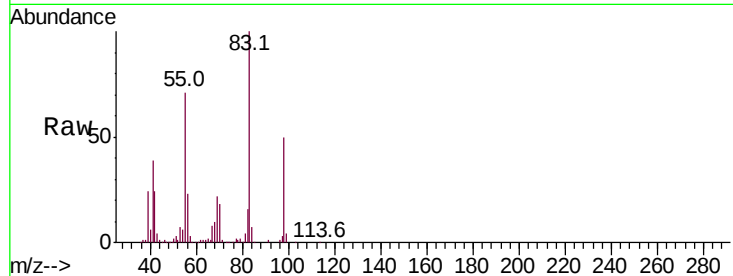
#39
Methvlcvclohexane
Concen: 19.347 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.1	53.0	79.6
98	50.0	37.8	56.8

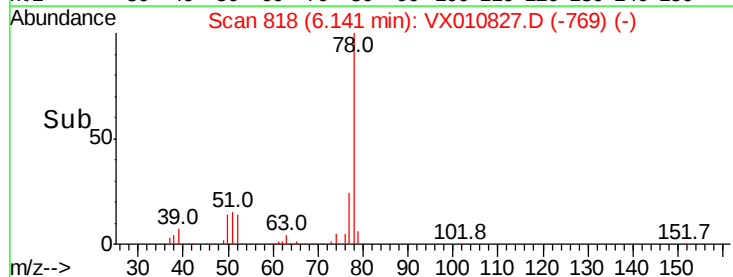
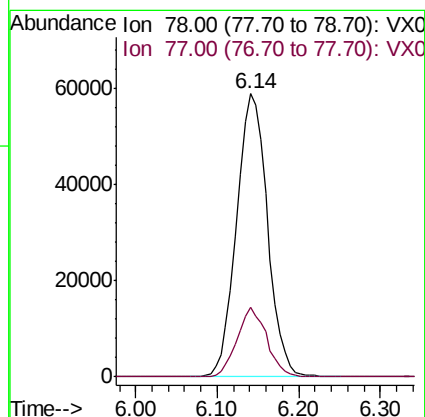
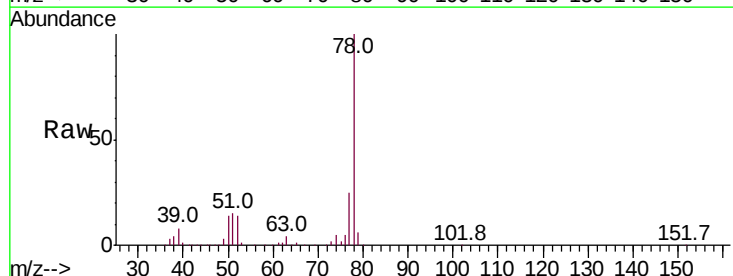
Manual Integrations
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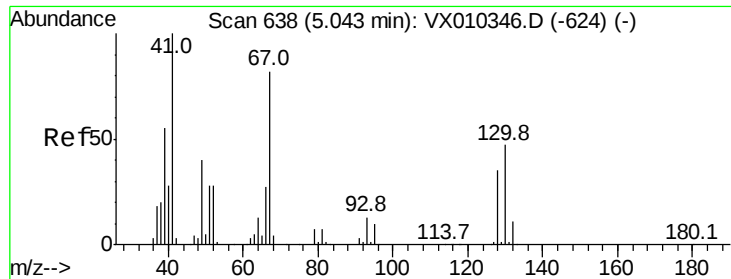
MMDadoda
7/15/2019 11:00:29 AM



#40
Benzene
Concen: 20.382 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.6	28.0





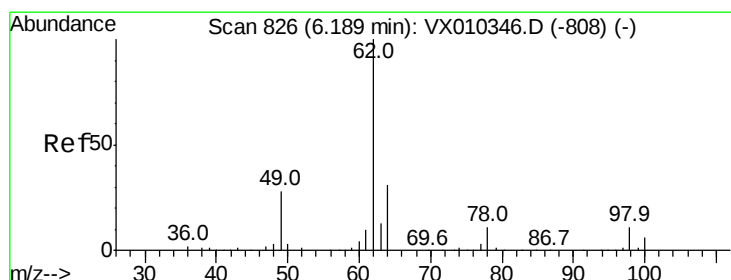
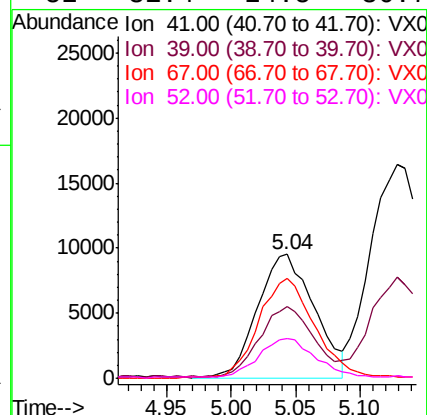
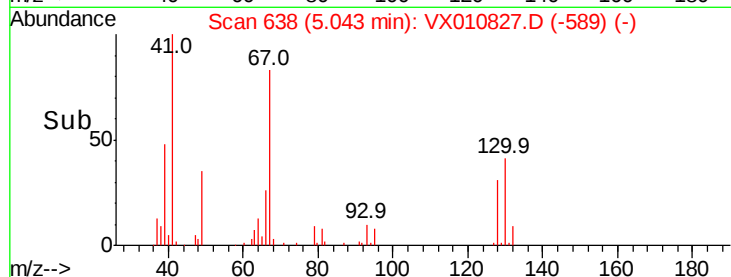
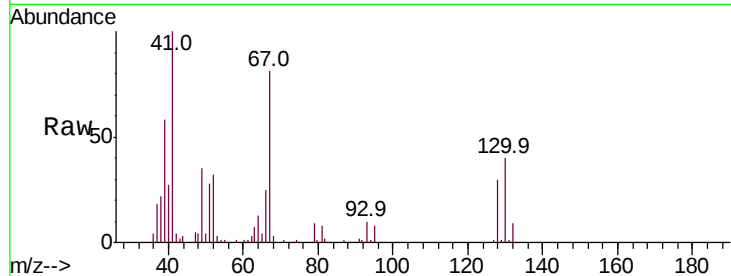
#41
Methacrylonitrile
Concen: 21.255 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	43.8	65.8	
67	80.2	66.6	100.0	
52	31.4	24.5	36.7	

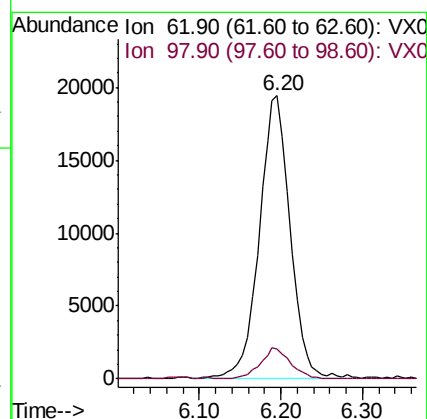
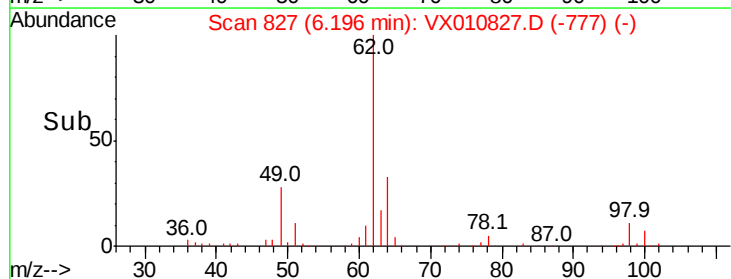
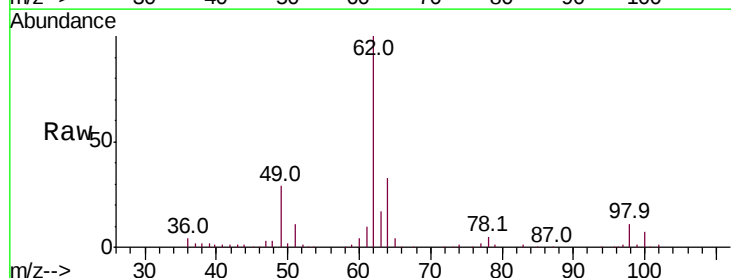
Manual Integrations
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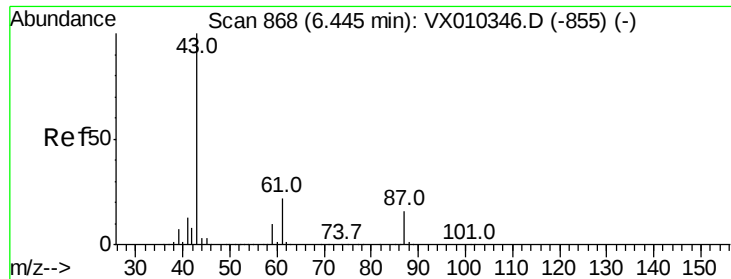
MMDadoda
7/15/2019 11:00:29 AM



#42
1,2-Dichloroethane
Concen: 21.934 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

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





#43

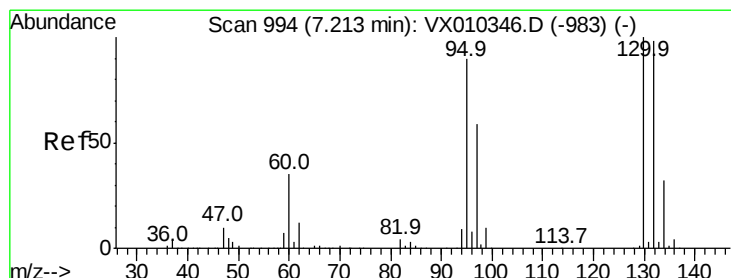
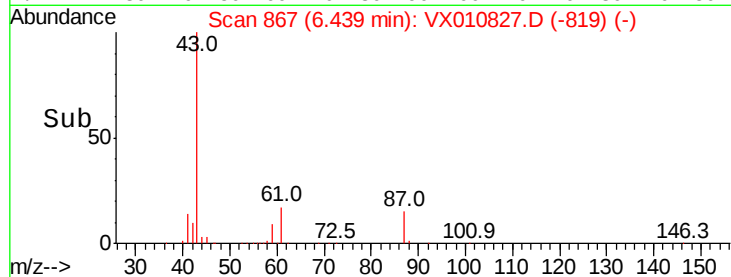
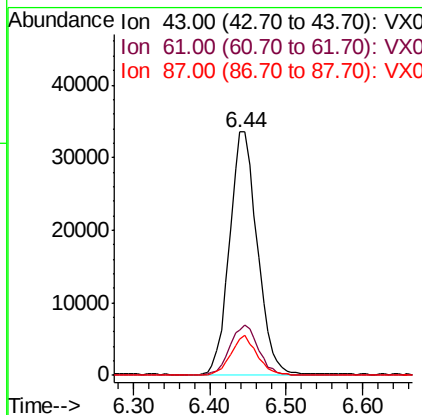
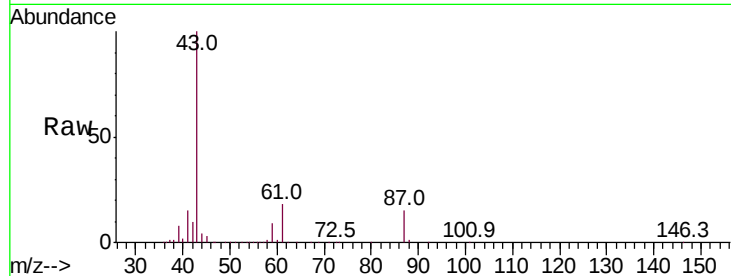
Isopropyl Acetate
 Concen: 20.429 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.8	26.6
87	15.4	13.0	19.4

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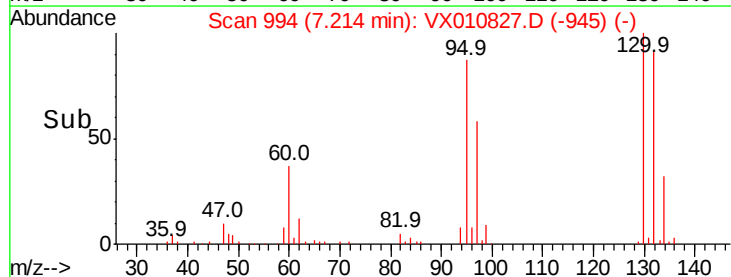
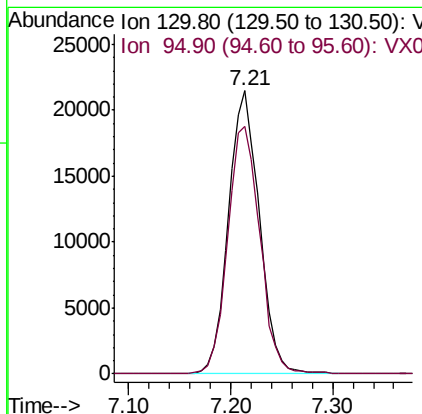
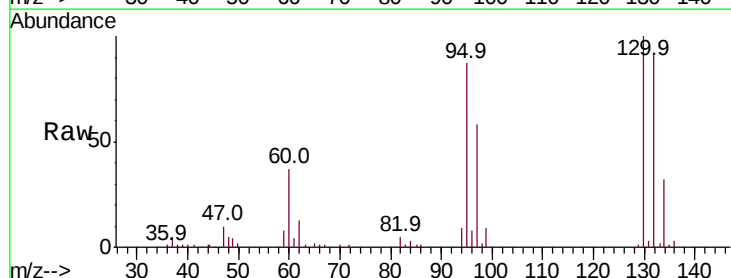
MMDadoda
 7/15/2019 11:00:29 AM

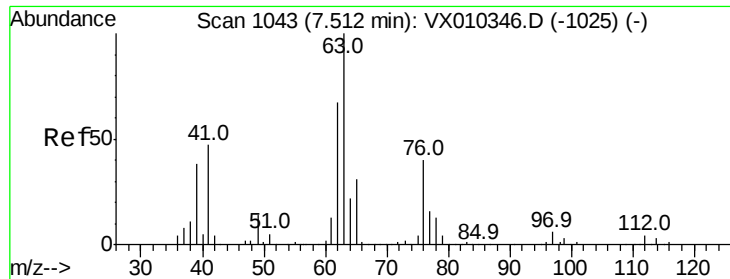


#44

Trichloroethene
 Concen: 19.810 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	180.8





#45

1,2-Dichloropropane

Concen: 20.205 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion: 63 Resp: 38686

Ion Ratio Lower Upper

63 100

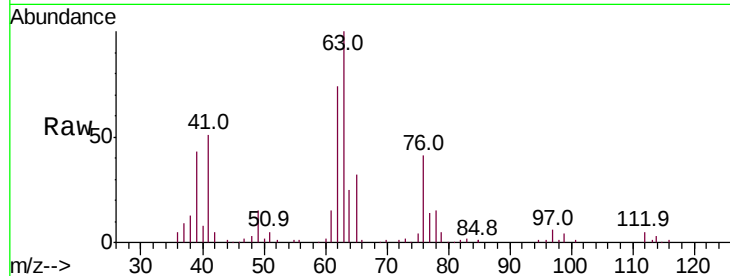
65 31.5 24.8 37.2

Manual Integrations

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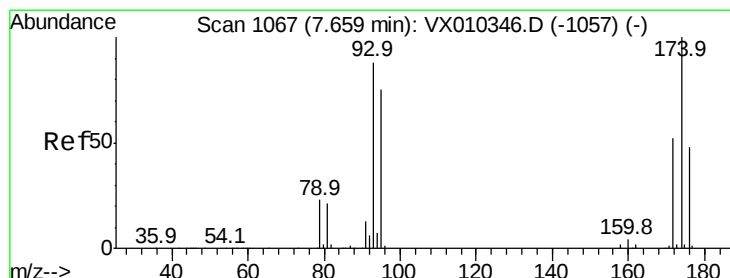
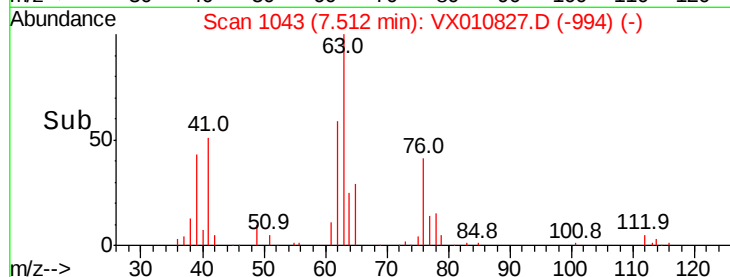
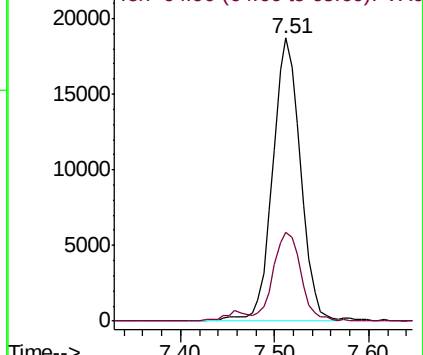
MMDadoda

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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: 20.384 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

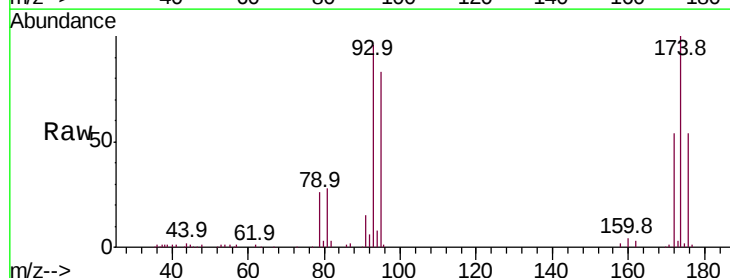
Tgt Ion: 93 Resp: 28001

Ion Ratio Lower Upper

93 100

95 84.7 67.5 101.3

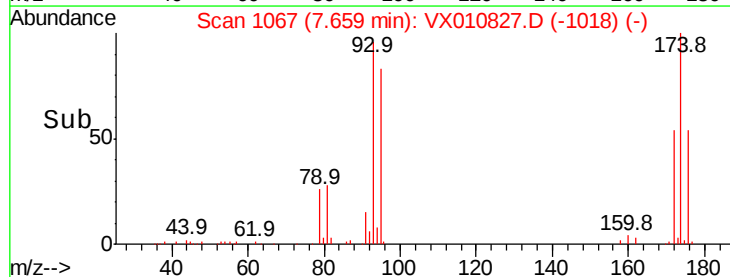
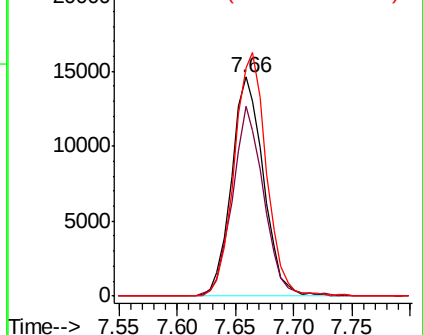
174 111.1 95.8 143.6

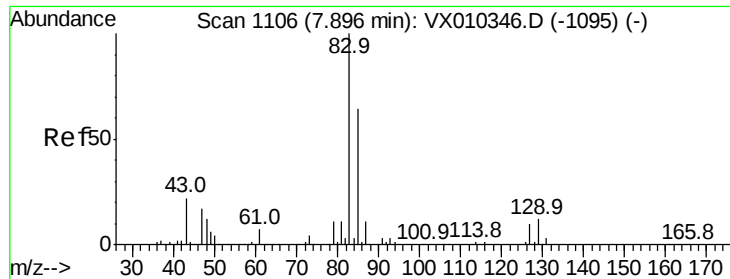


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.163 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

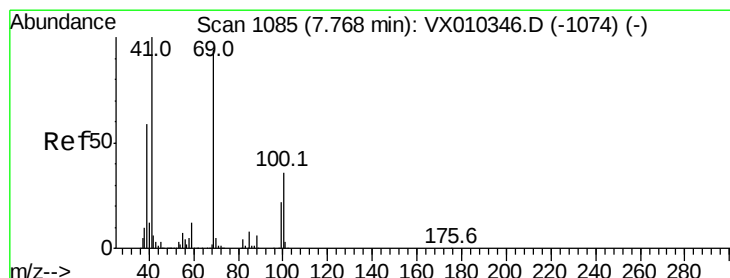
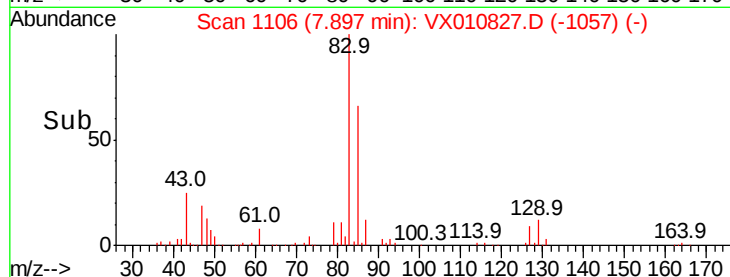
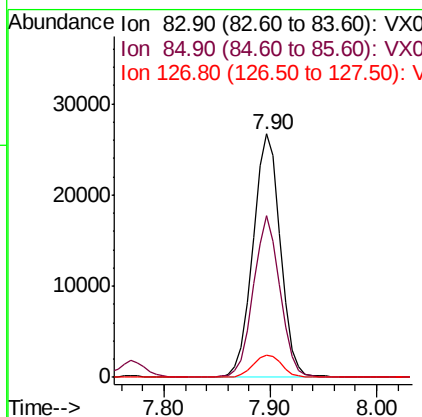
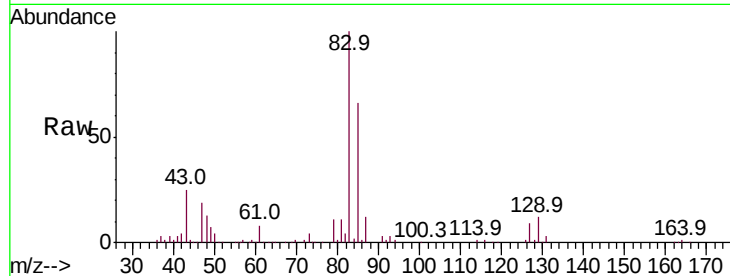
ClientSampleId :

VX0712WBS02

Tot Ion:	83	Resp:	48242
Ion Ratio	Lower	Upper	
83	100		
85	66.0	51.5	77.3
127	9.1	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.736 ug/l

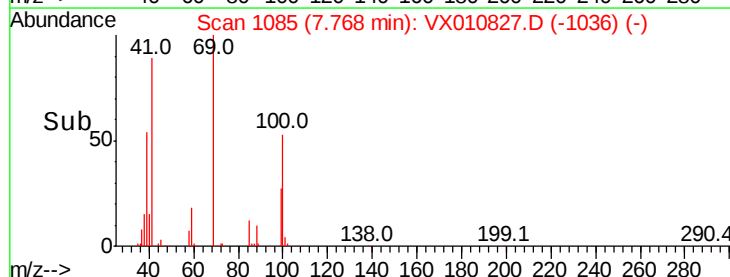
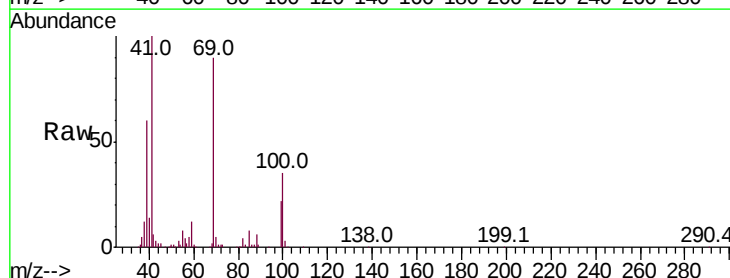
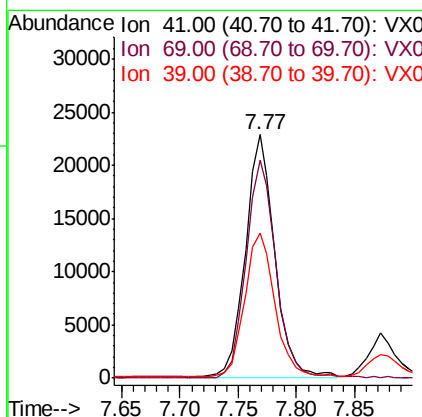
RT: 7.77 min Scan# 1085

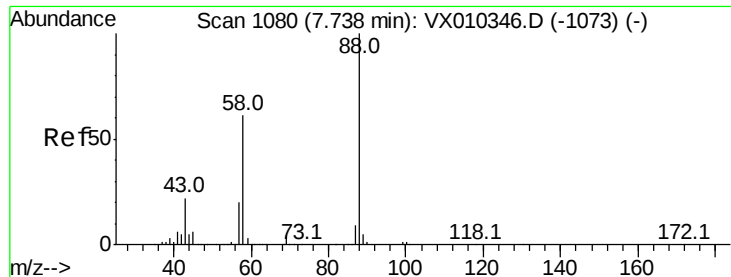
Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Tgt Ion:	41	Resp:	39923
Ion Ratio	Lower	Upper	
41	100		
69	92.0	76.1	114.1
39	61.0	47.6	71.4





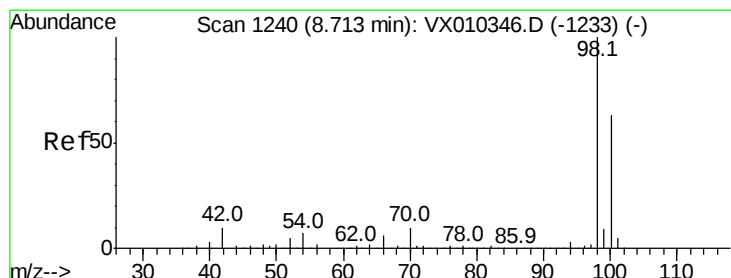
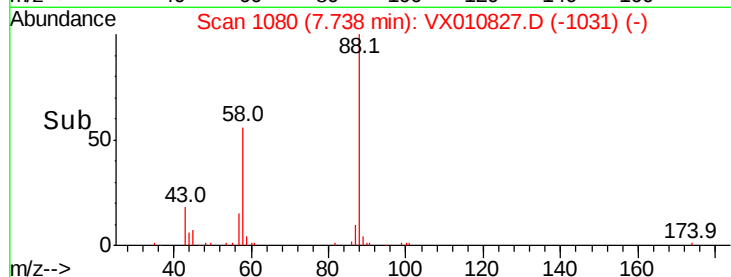
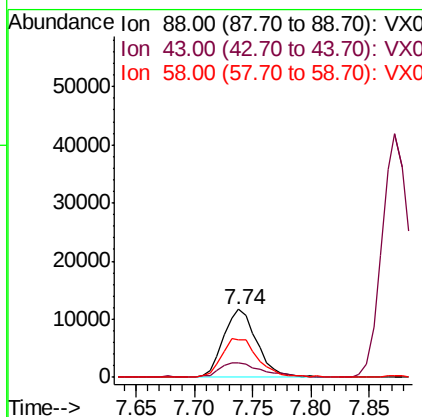
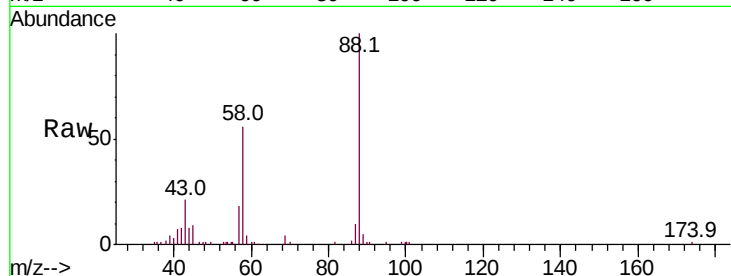
#49
 1,4-Dioxane
 Concen: 420.237 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.3	20.2	30.2
58	62.2	49.5	74.3

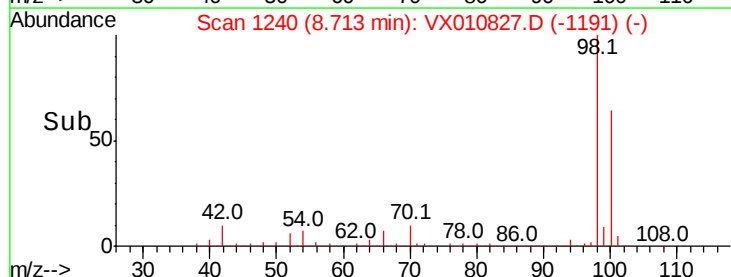
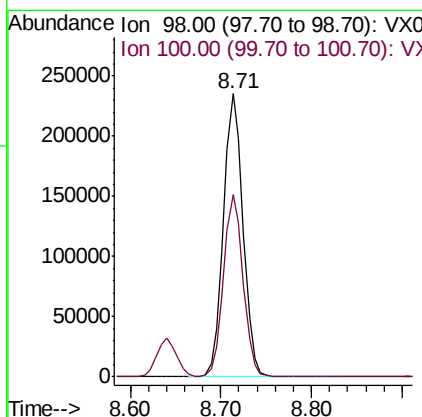
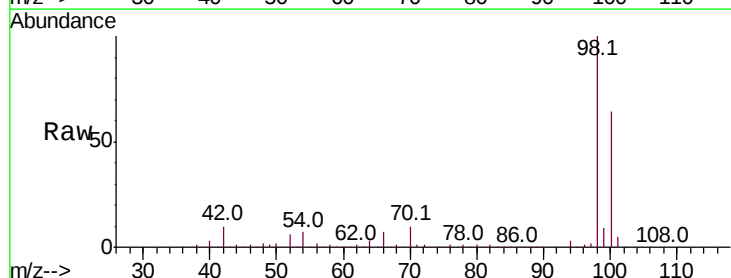
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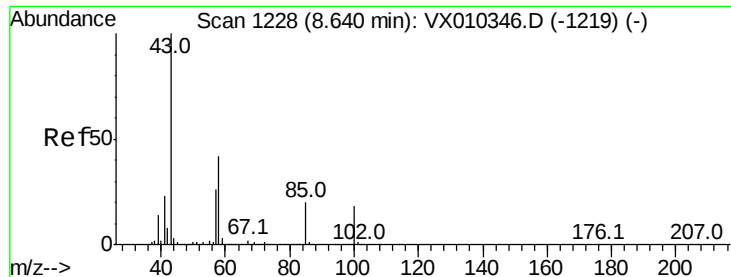
MMDadoda
 7/15/2019 11:00:29 AM



#50
 Toluene-d8
 Concen: 49.274 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 107.300 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion: 43 Resp: 284255

Ion Ratio Lower Upper

43 100

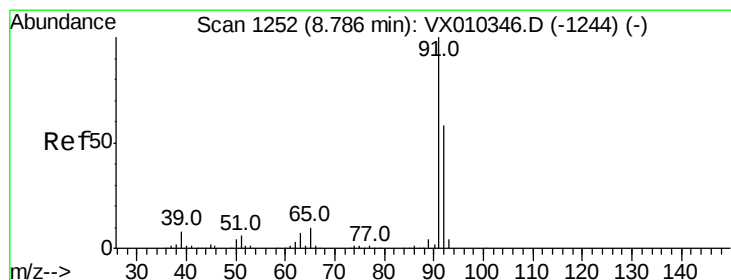
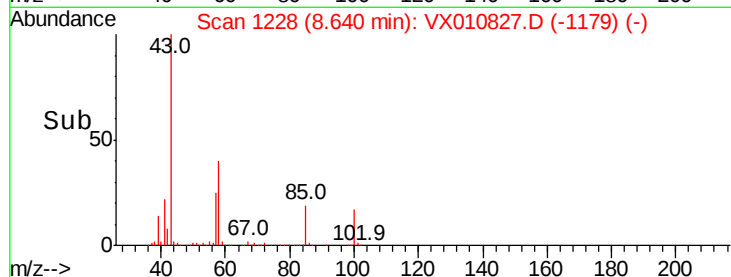
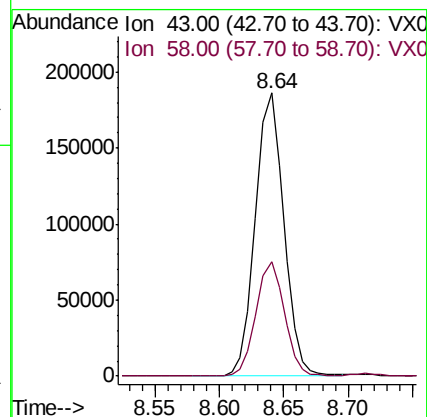
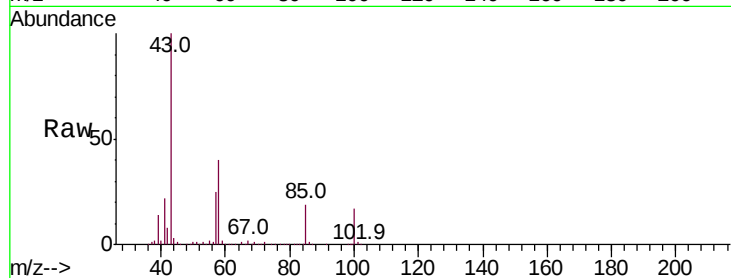
58 40.5 33.5 50.3

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7/15/2019 11:00:29 AM



#52

Toluene

Concen: 20.017 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010827.D

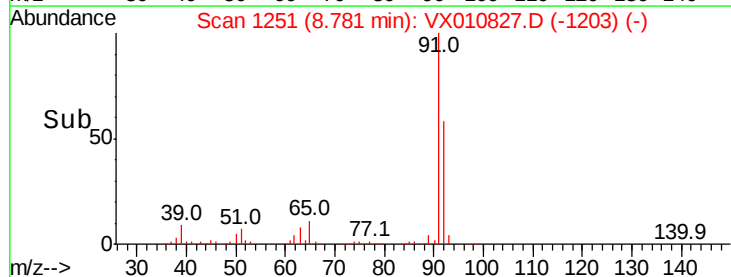
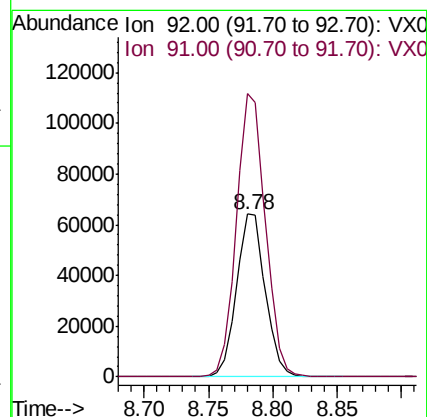
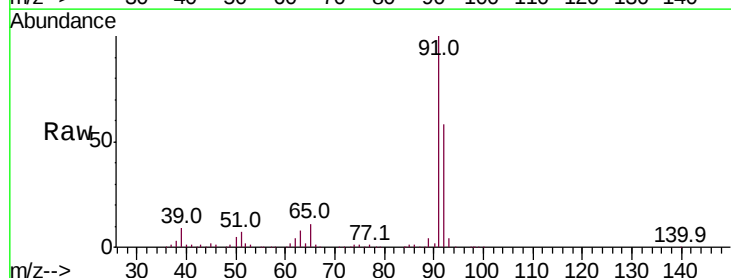
Acq: 12 Jul 2019 11:45

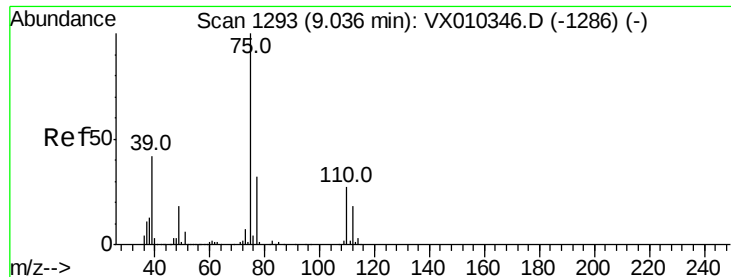
Tgt Ion: 92 Resp: 99944

Ion Ratio Lower Upper

92 100

91 175.5 139.8 209.6





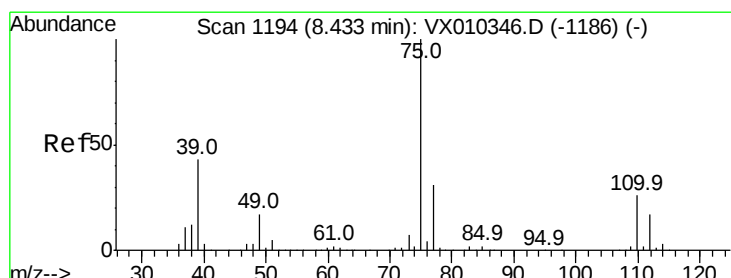
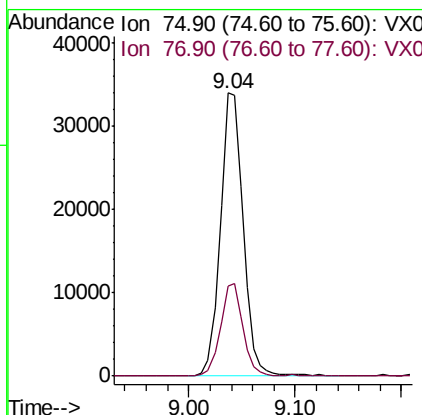
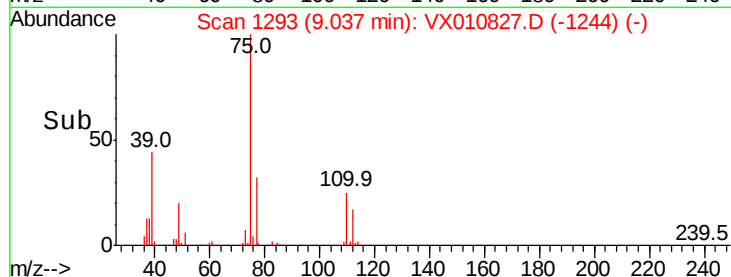
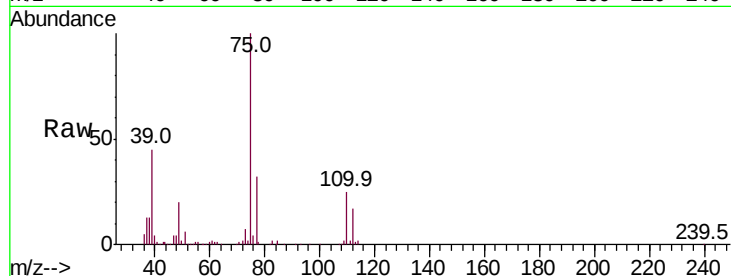
#53
t-1,3-Dichloropropene
Concen: 18.057 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion: 75 Resp: 50964
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

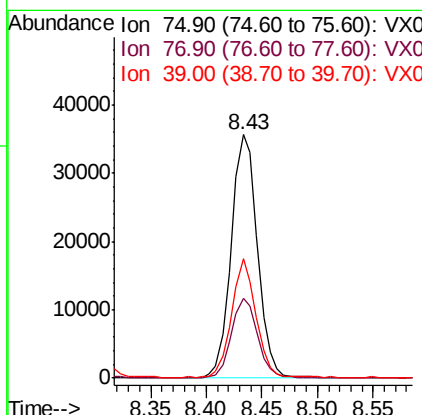
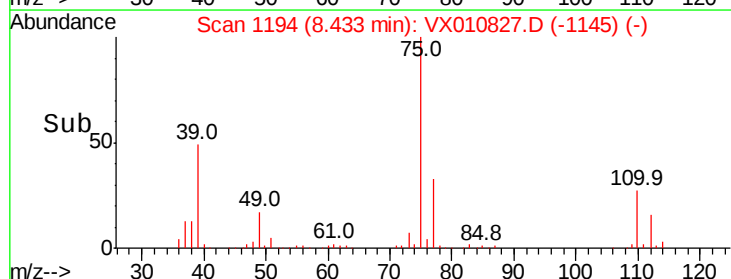
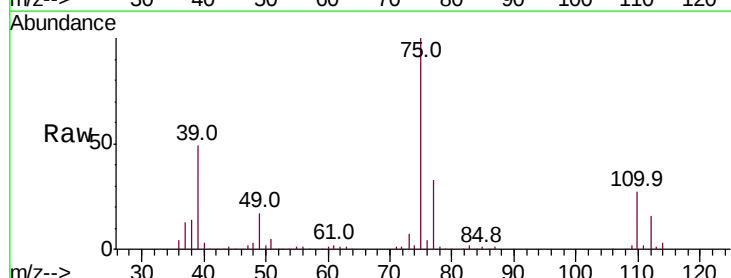
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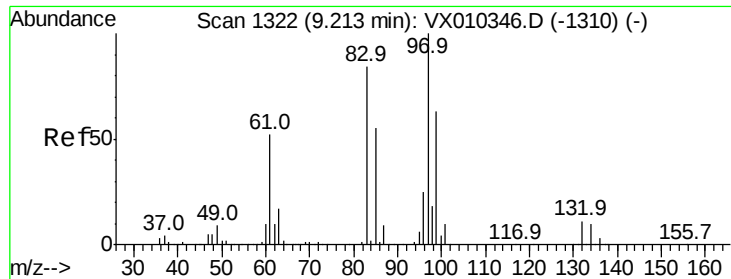
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.974 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 75 Resp: 58197
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8
39 48.8 34.5 51.7





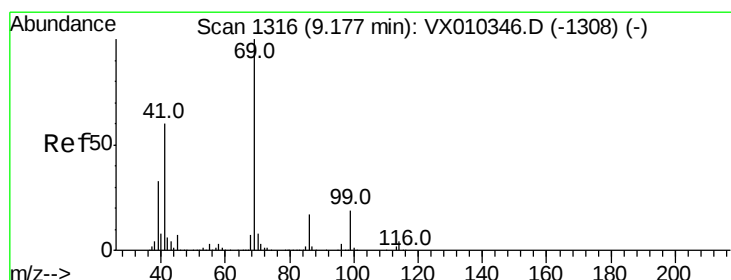
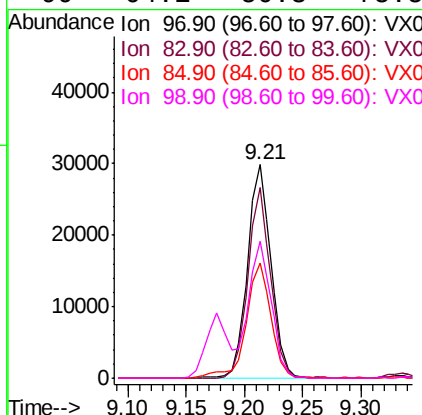
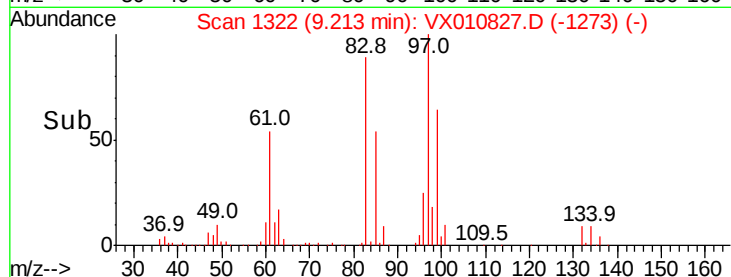
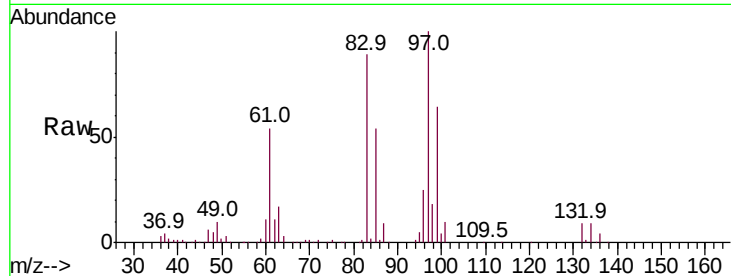
#55
1,1,2-Trichloroethane
Concen: 20.511 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.4	67.4	101.0
85	54.0	43.8	65.8
99	64.1	50.3	75.5

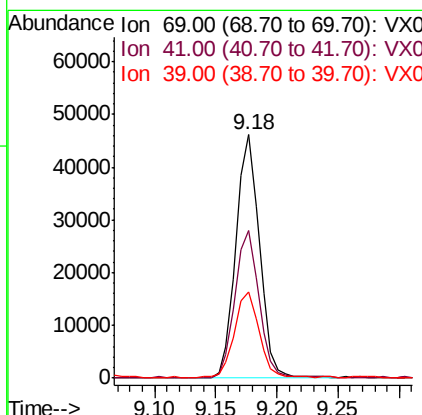
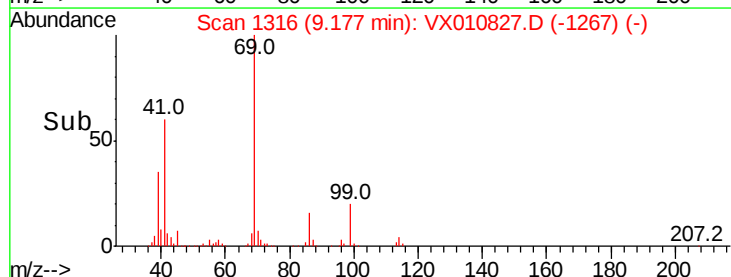
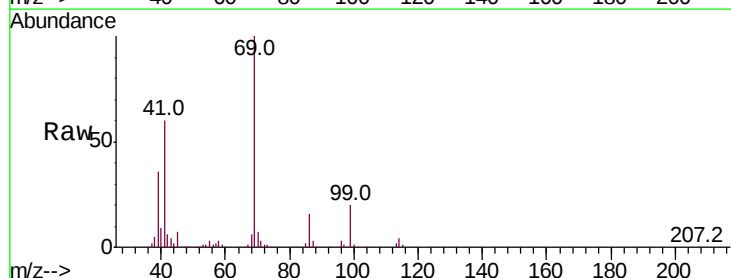
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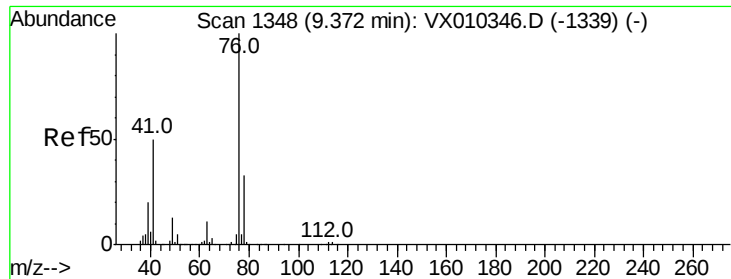
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#56
Ethyl methacrylate
Concen: 19.734 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.1	70.7
39	36.6	26.6	40.0





#57

1,3-Dichloropropane

Concen: 20.835 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion: 76 Resp: 66599

Ion Ratio Lower Upper

76 100

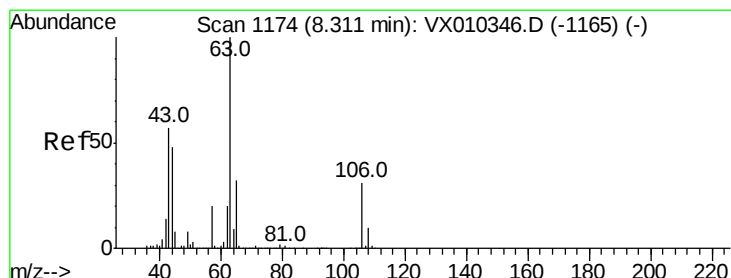
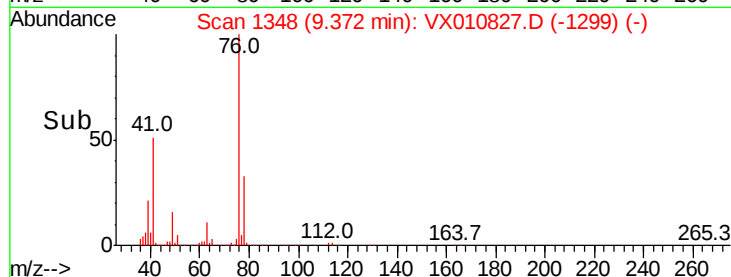
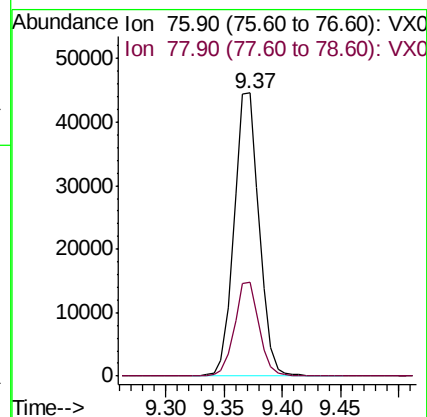
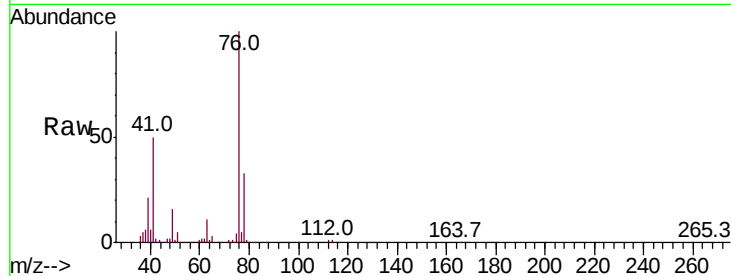
78 32.8 26.1 39.1

Manual Integrations

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7/15/2019 11:00:29 AM



#58

2-Chloroethyl Vinyl ether

Concen: 91.032 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010827.D

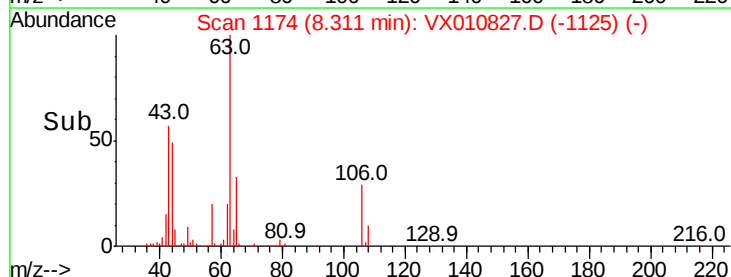
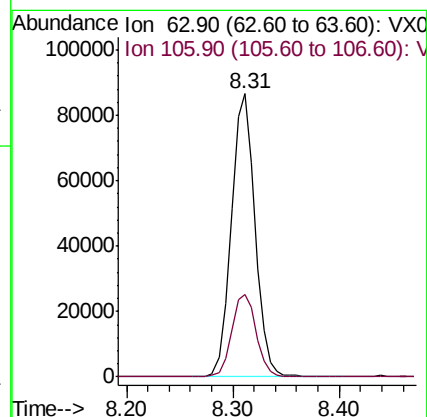
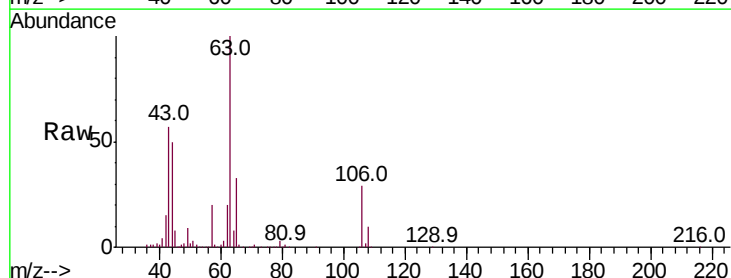
Acq: 12 Jul 2019 11:45

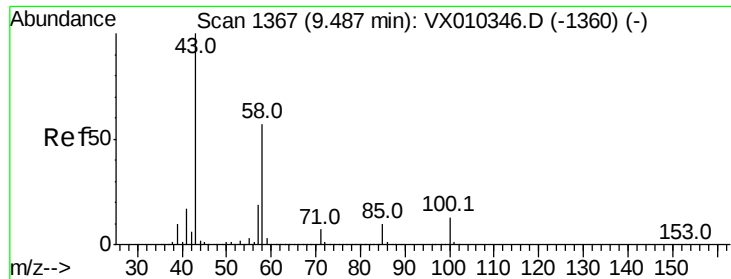
Tgt Ion: 63 Resp: 134863

Ion Ratio Lower Upper

63 100

106 30.1 24.7 37.1





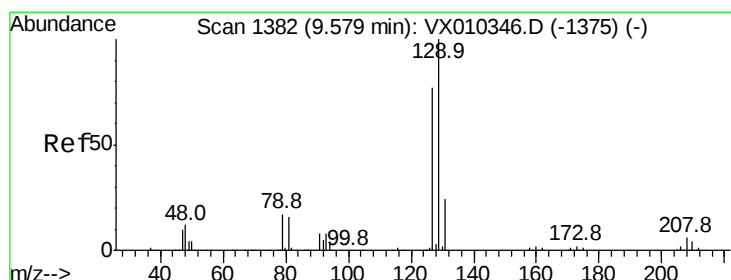
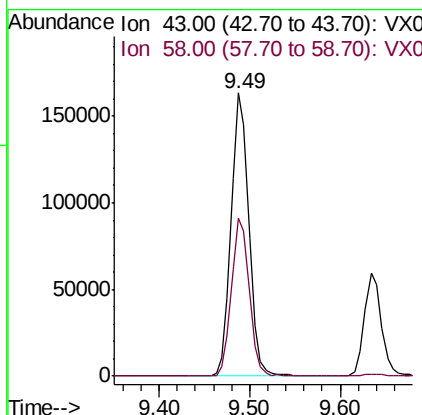
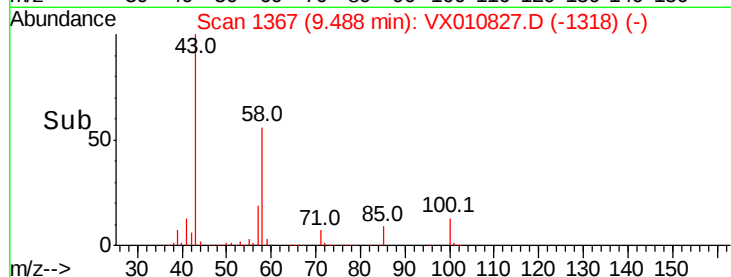
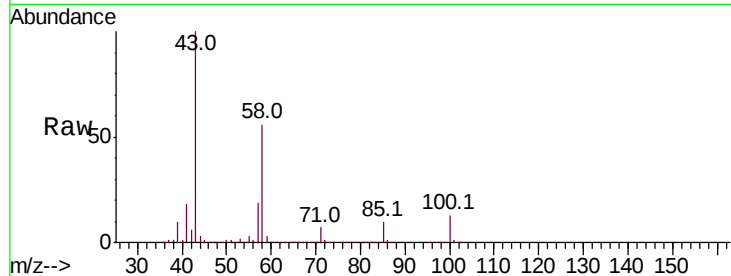
#59
2-Hexanone
Concen: 106.207 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion: 43 Resp: 221440
Ion Ratio Lower Upper
43 100
58 56.2 29.0 87.1

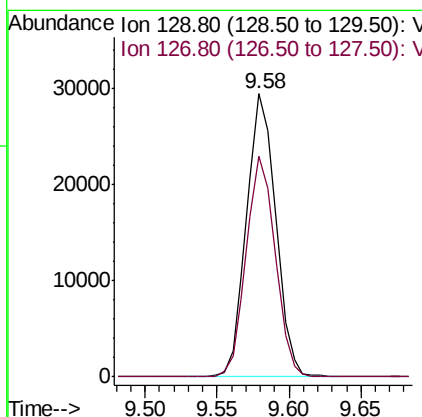
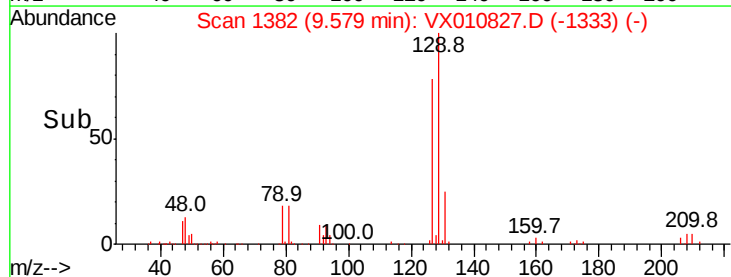
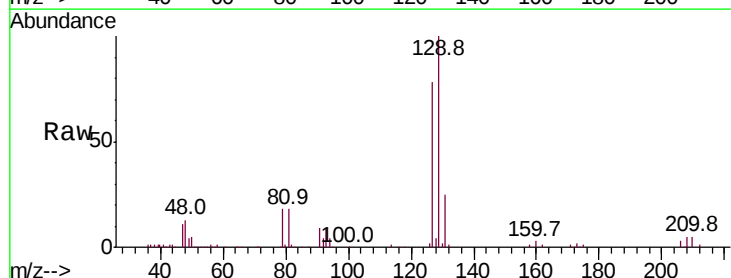
Manual Integrations
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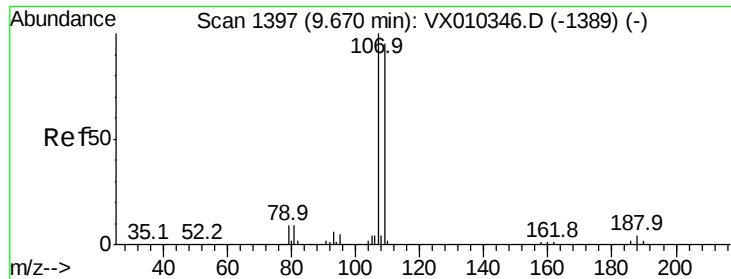
MMDadoda
7/15/2019 11:00:29 AM



#60
Dibromochloromethane
Concen: 17.942 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion:129 Resp: 41368
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1





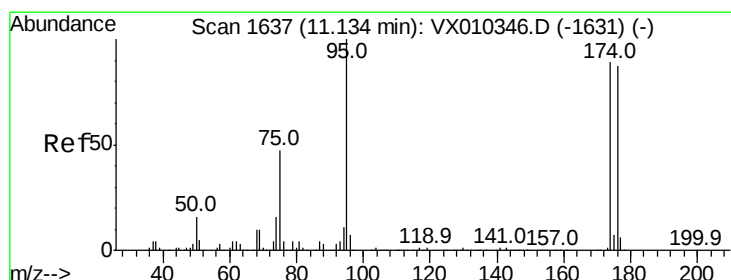
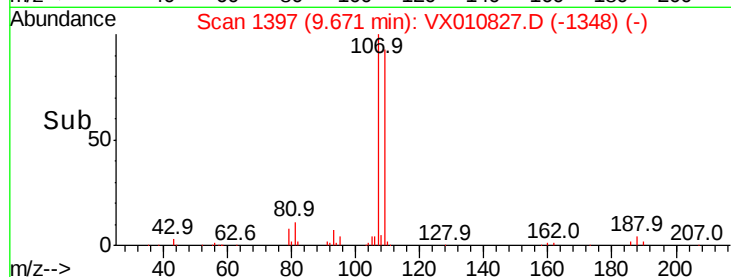
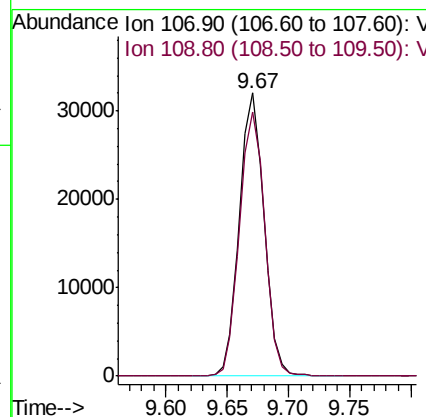
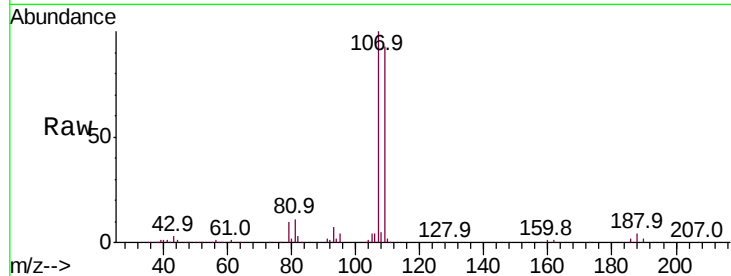
#61
 1,2-Dibromoethane
 Concen: 20.098 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.8	113.6

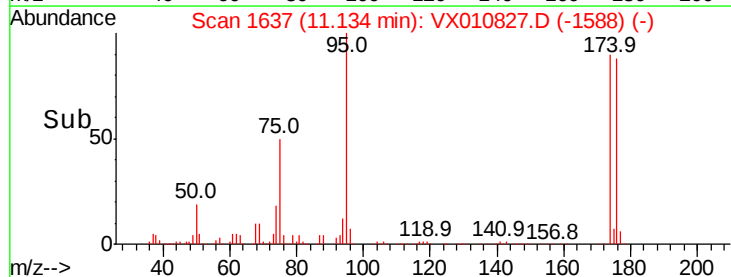
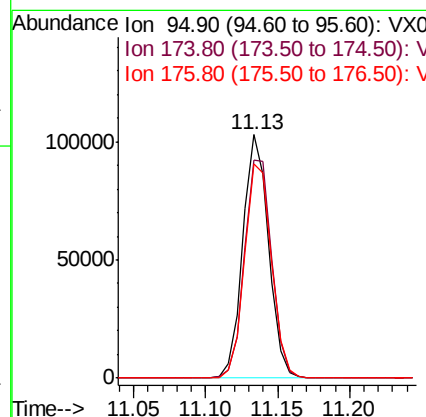
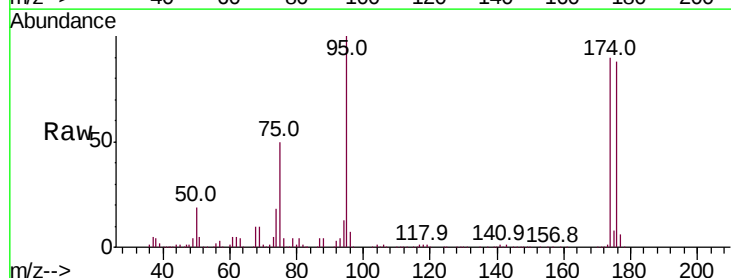
Manual Integrations
 APPROVED

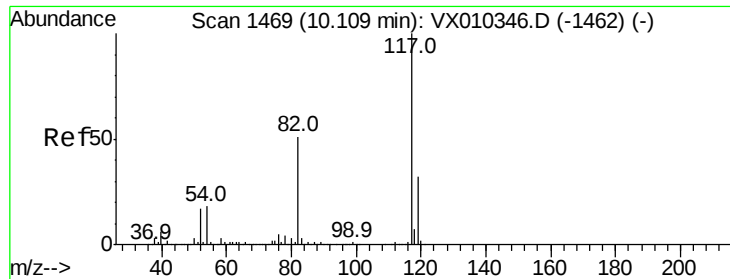
MMDadoda
 7/15/2019 11:00:29 AM



#62
 4-Bromofluorobenzene
 Concen: 49.420 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	187.6
176	91.5	0.0	184.0





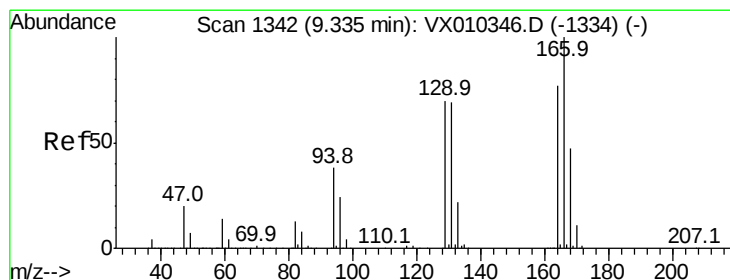
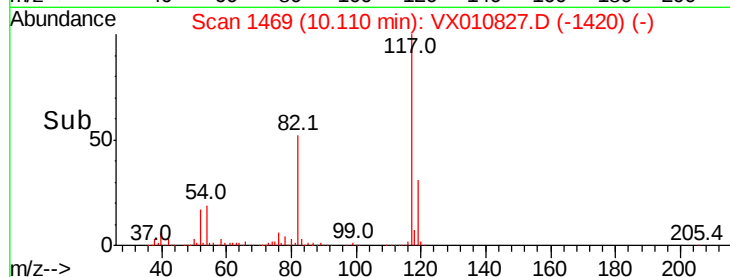
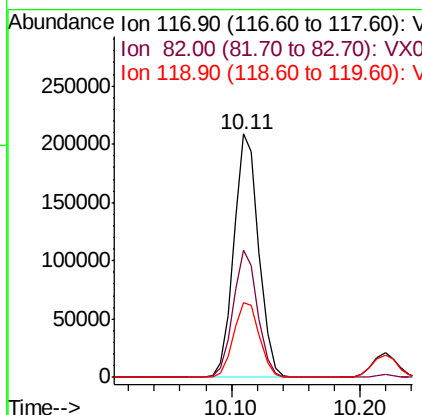
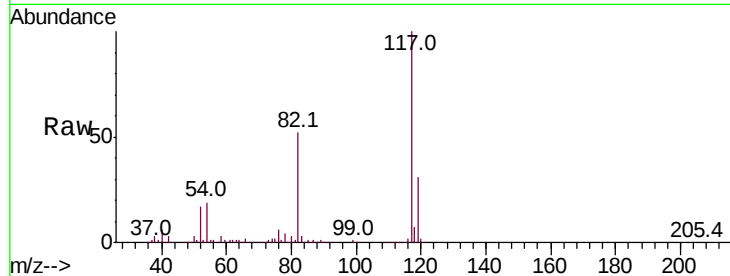
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	279583		
82	52.4		41.2	61.8
119	30.9		25.5	38.3

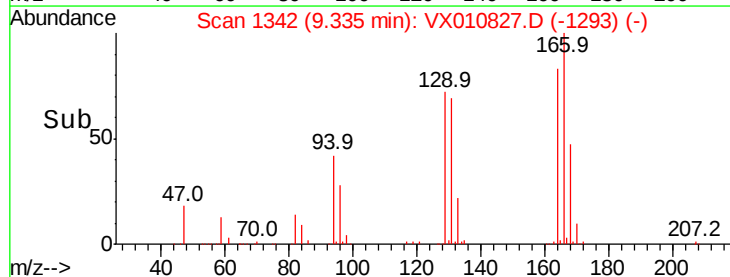
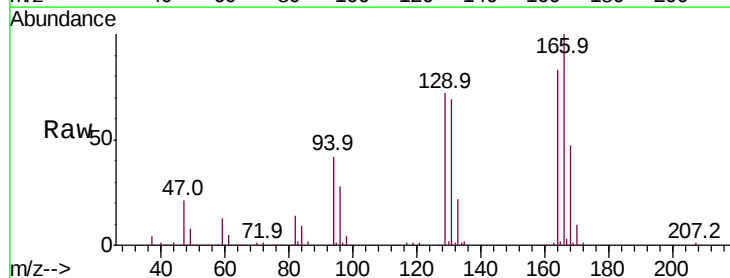
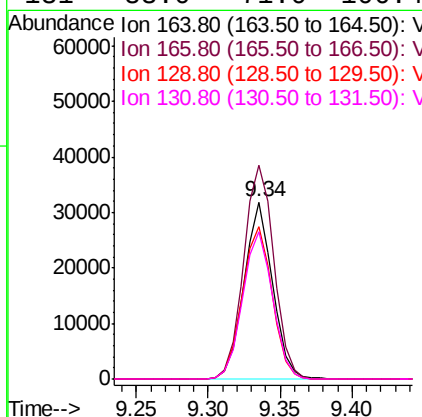
Manual Integrations
APPROVED

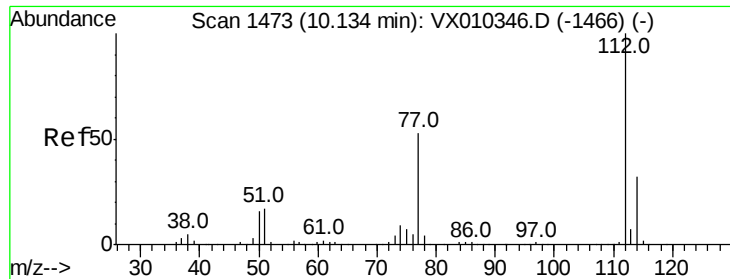
MMDadoda
7/15/2019 11:00:29 AM



#64
Tetrachloroethene
Concen: 19.197 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43412		
166	120.5		103.6	155.4
129	86.3		73.0	109.4
131	83.0		71.0	106.4





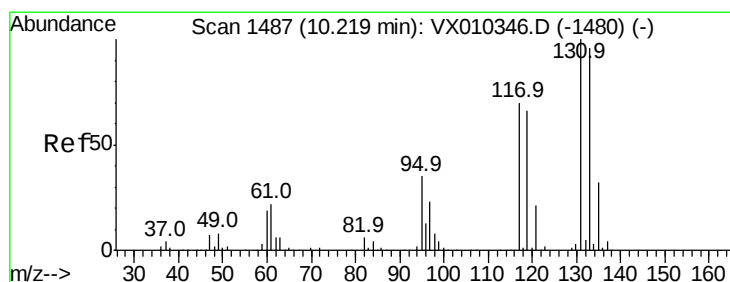
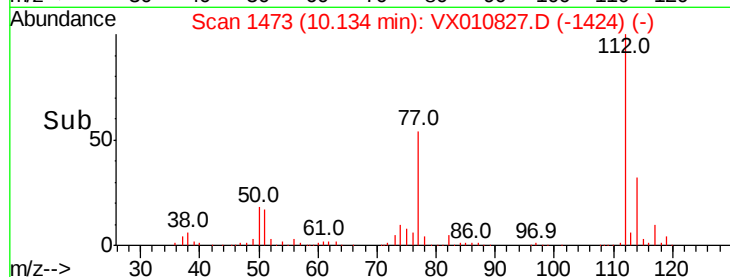
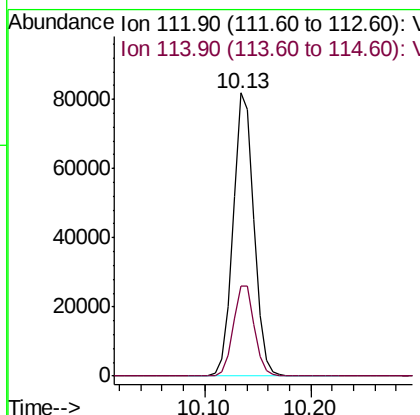
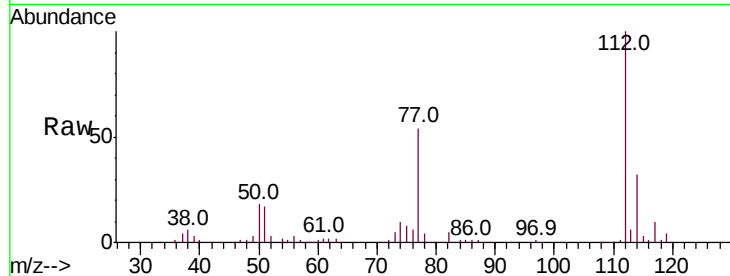
#65
Chlorobenzene
Concen: 19.773 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion:112 Resp: 112233
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

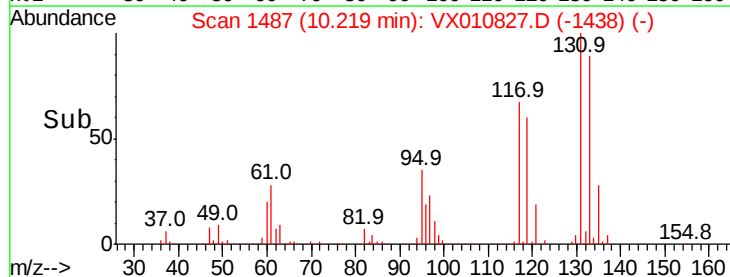
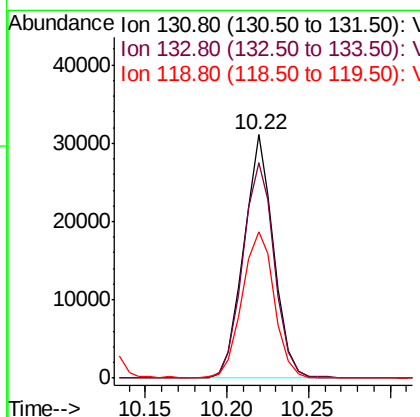
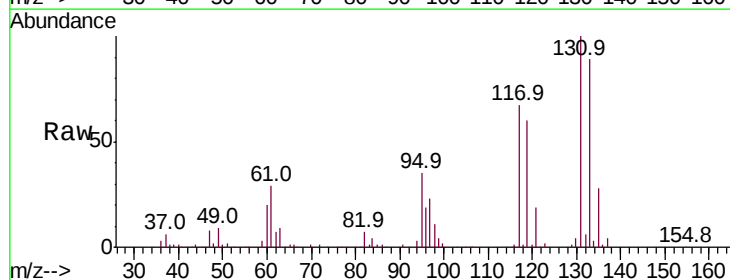
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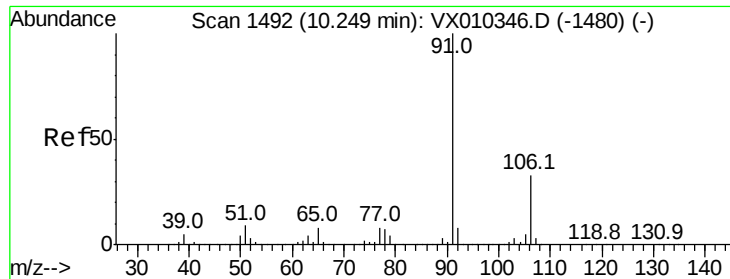
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.088 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion:131 Resp: 39464
Ion Ratio Lower Upper
131 100
133 94.5 47.7 143.1
119 65.3 32.6 97.7





#67

Ethyl Benzene

Concen: 19.997 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampled :

VX0712WBS02

Tot Ion: 91 Resp: 191619

Ion Ratio Lower Upper

91 100

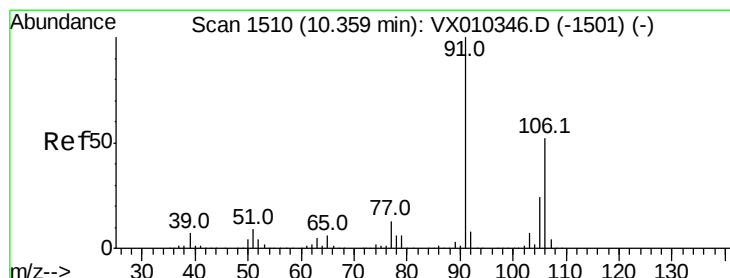
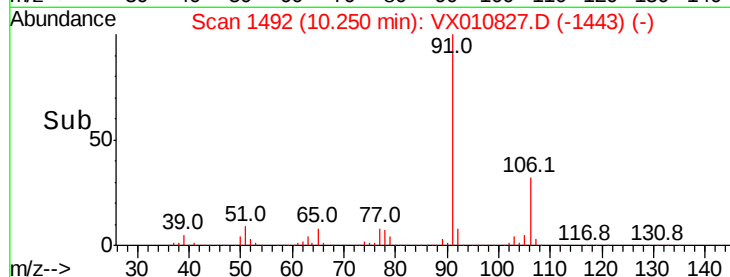
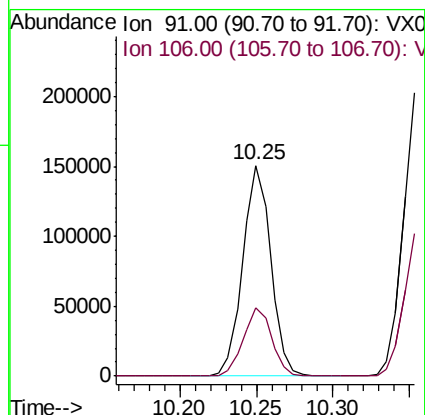
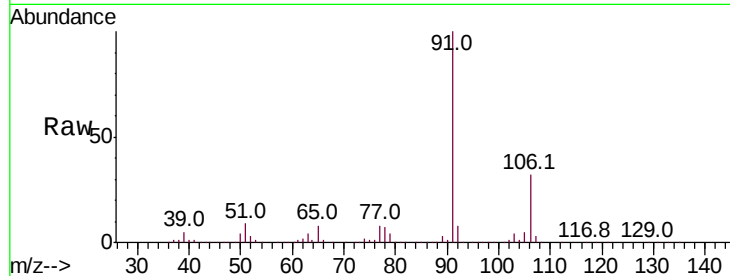
106 32.5 26.2 39.2

Manual Integrations

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7/15/2019 11:00:29 AM



#68

m/p-Xylenes

Concen: 39.756 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010827.D

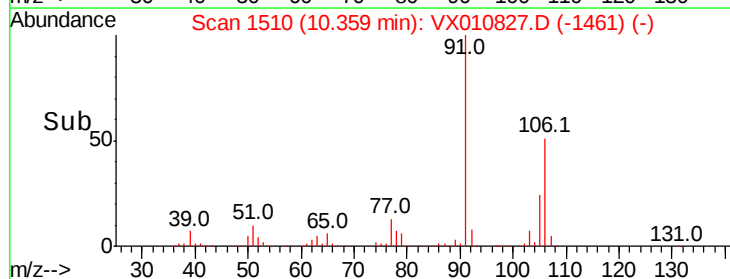
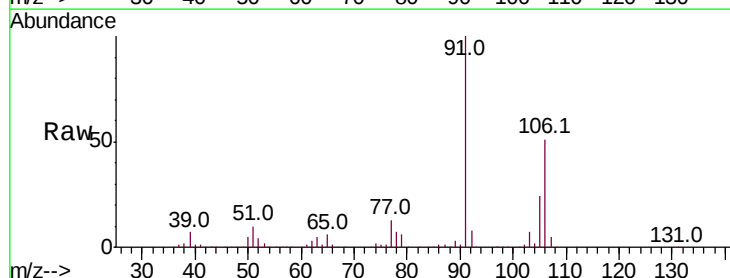
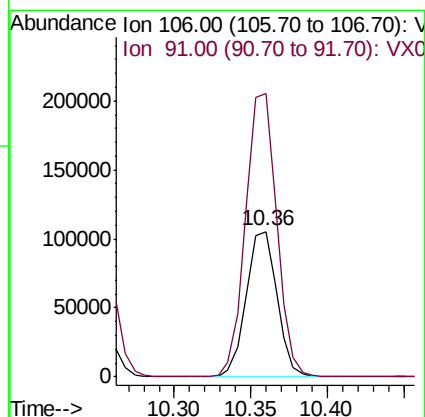
Acq: 12 Jul 2019 11:45

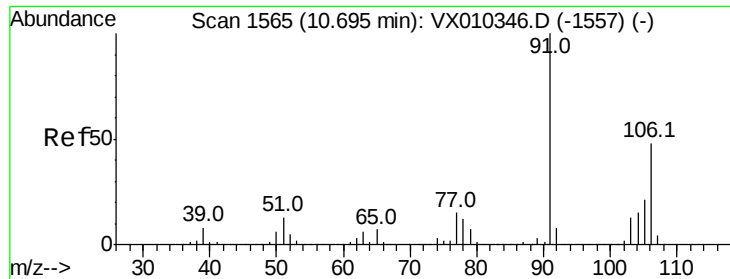
Tgt Ion: 106 Resp: 147613

Ion Ratio Lower Upper

106 100

91 197.8 155.3 232.9





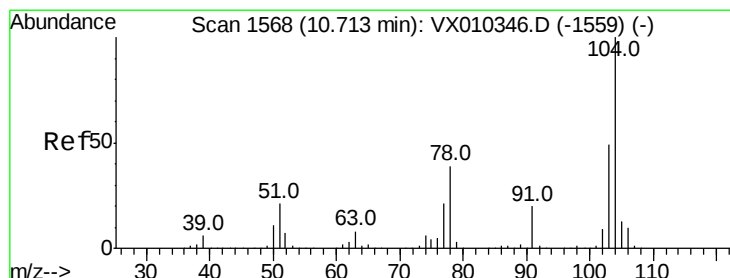
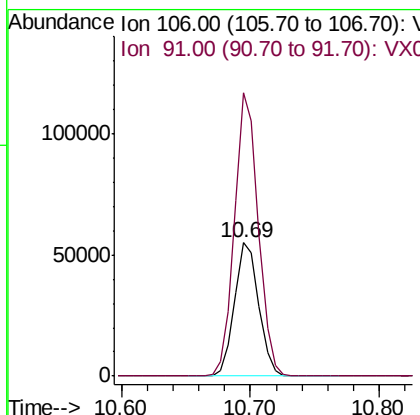
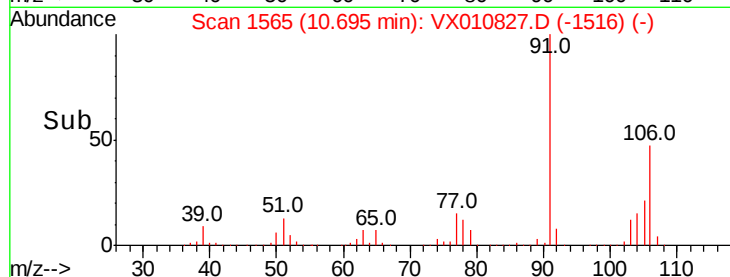
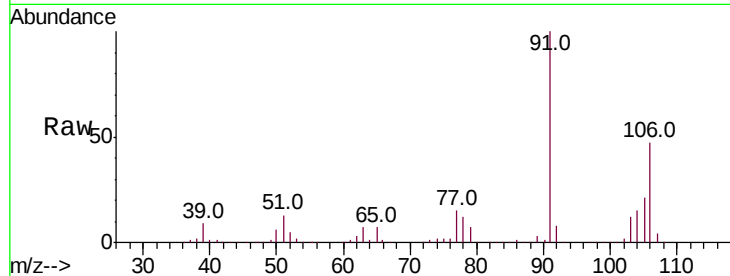
#69
o-Xylene
Concen: 19.811 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion:106 Resp: 72336
Ion Ratio Lower Upper
106 100
91 208.9 102.7 308.1

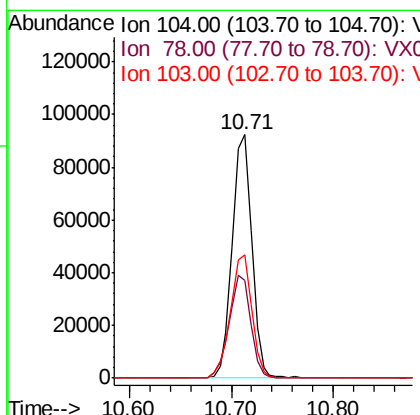
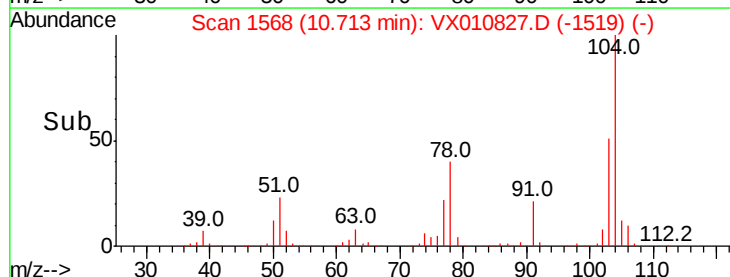
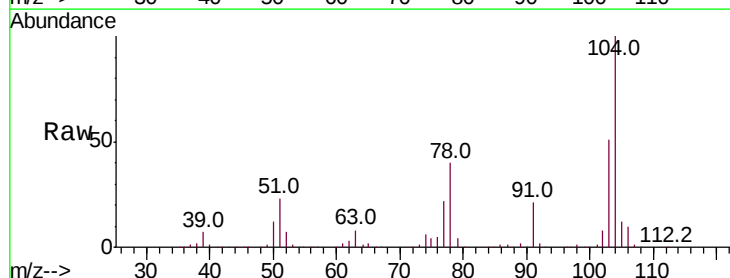
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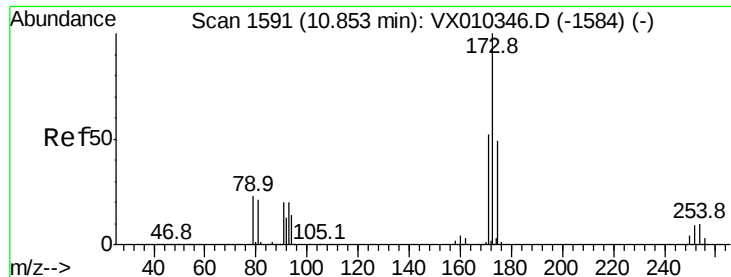
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#70
Styrene
Concen: 20.023 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion:104 Resp: 122612
Ion Ratio Lower Upper
104 100
78 46.5 36.2 54.2
103 55.1 44.2 66.4





#71

Bromoform

Concen: 16.693 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX0712WBS02

Tot Ion:173 Resp: 30013

Ion Ratio Lower Upper

173 100

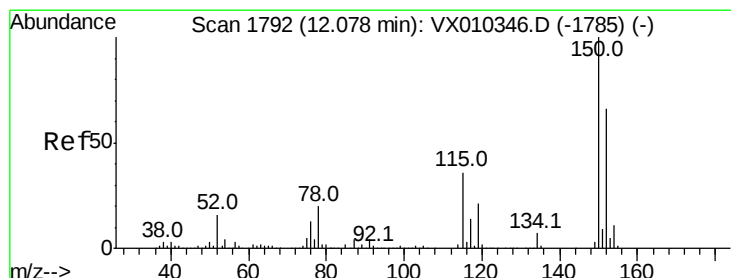
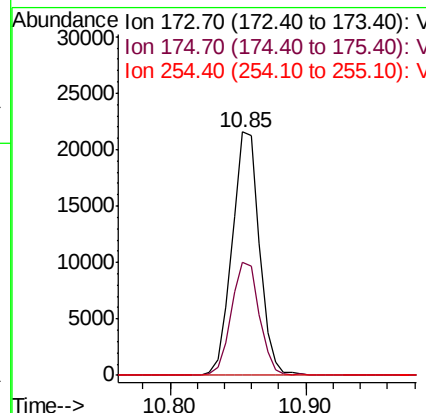
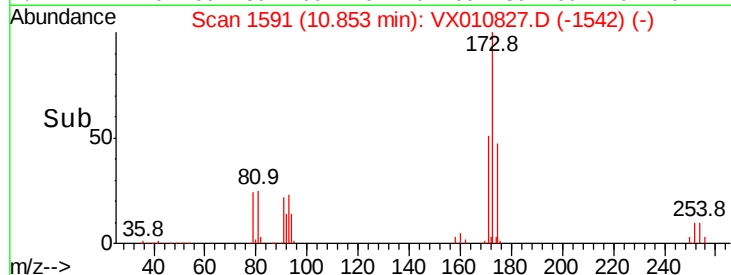
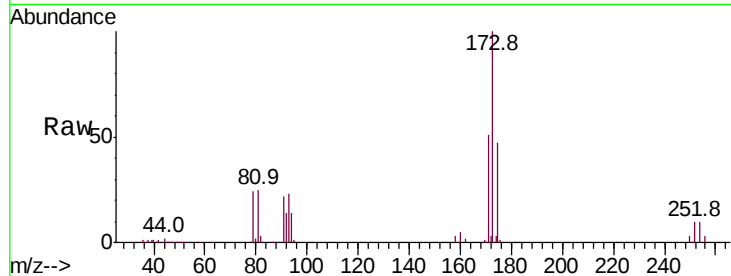
175 47.6 24.1 72.3

254 0.0 0.2 0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

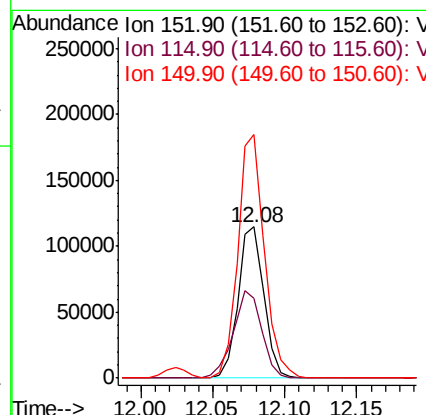
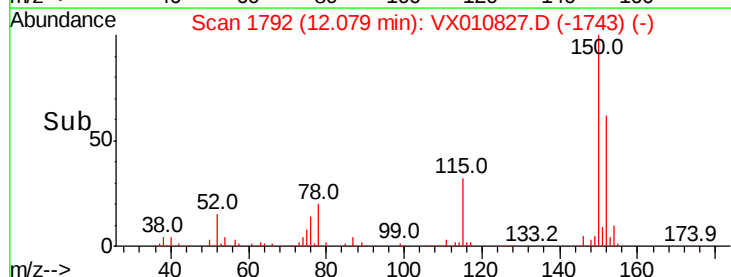
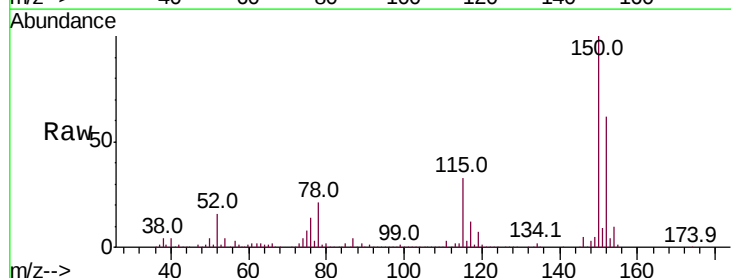
Tgt Ion:152 Resp: 143200

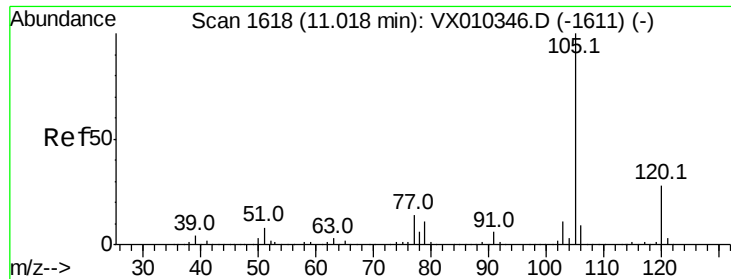
Ion Ratio Lower Upper

152 100

115 64.6 38.6 115.7

150 165.7 0.0 347.4





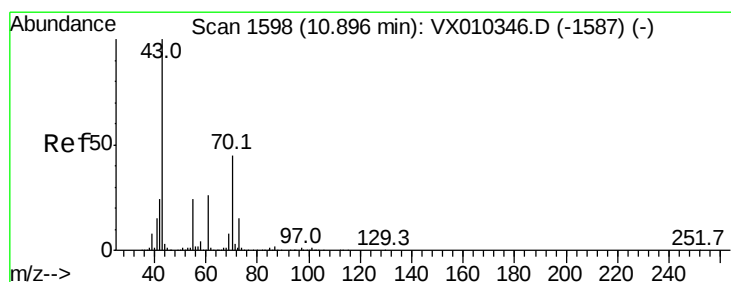
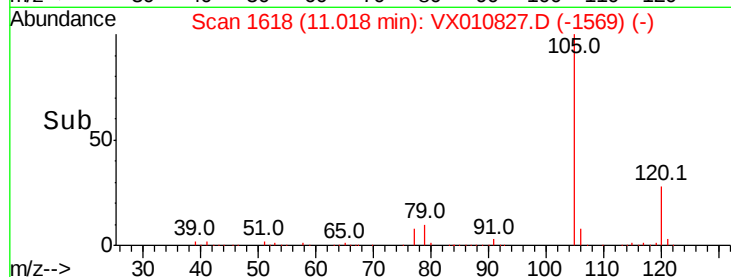
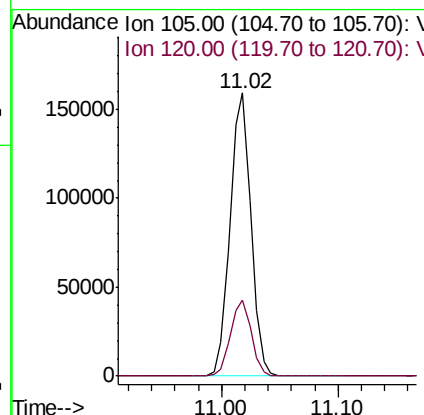
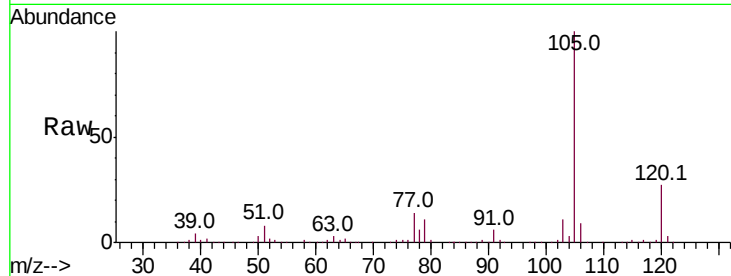
#73
Isopropylbenzene
Concen: 20.294 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	14.1	42.4

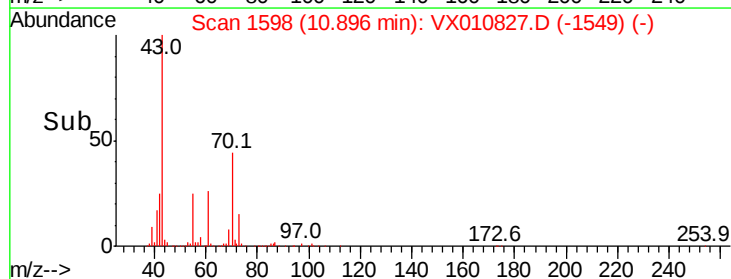
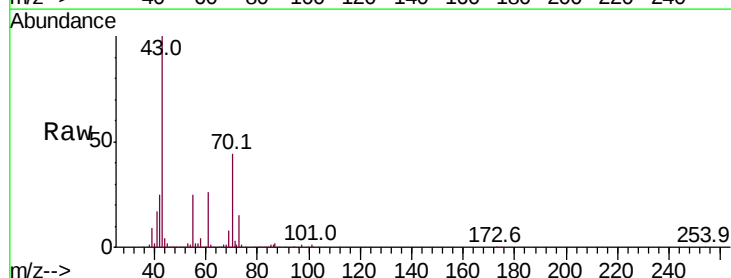
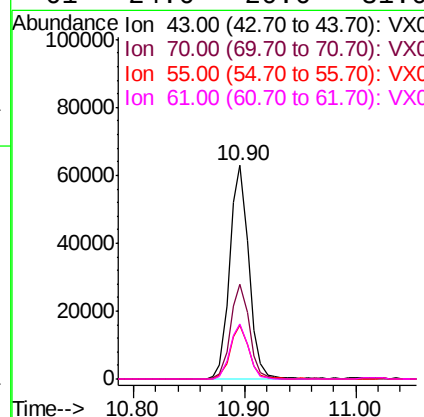
Manual Integrations
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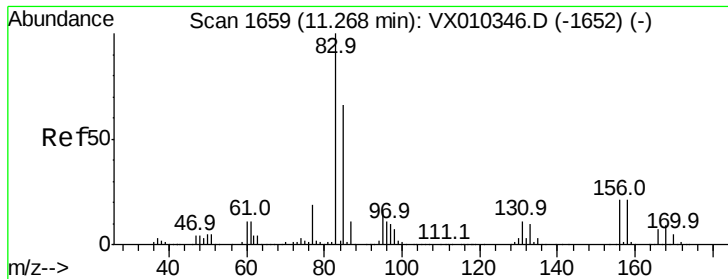
MMDadoda
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#74
N-ethyl acetate
Concen: 20.537 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.1	36.6	54.8
55	24.7	18.7	28.1
61	24.6	20.6	31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.156 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Instrument :

MSVOA_X

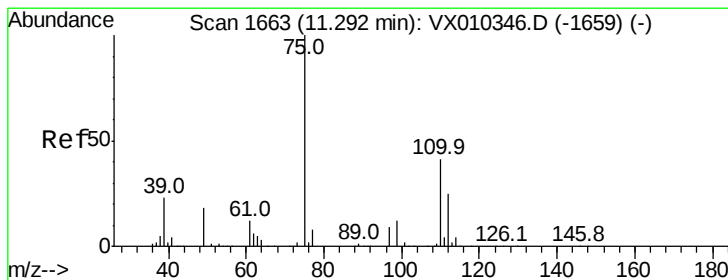
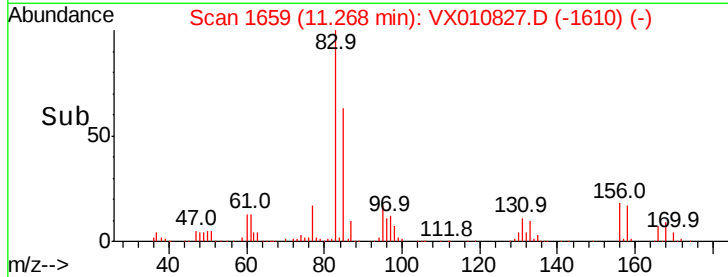
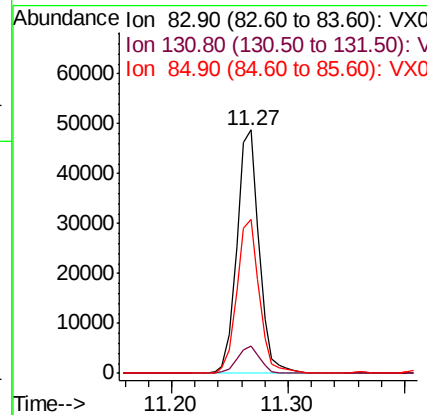
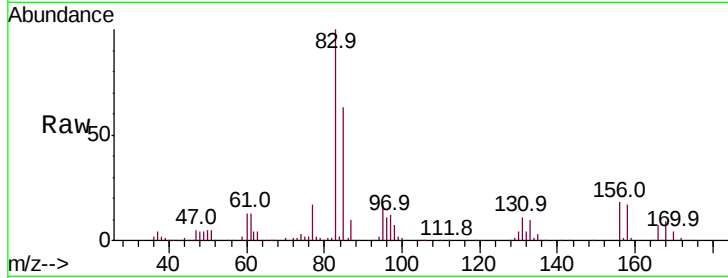
ClientSampleId :

VX0712WBS02

Tot Ion:	83	Resp:	64796
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.4
85	63.9	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.405 ug/l m

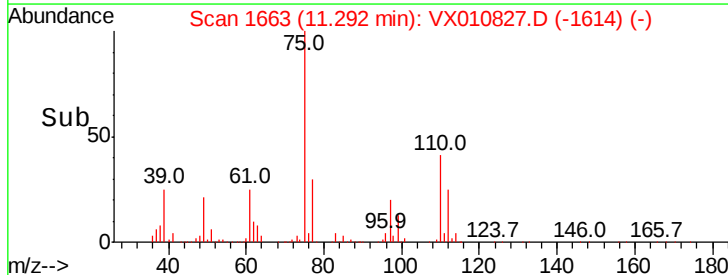
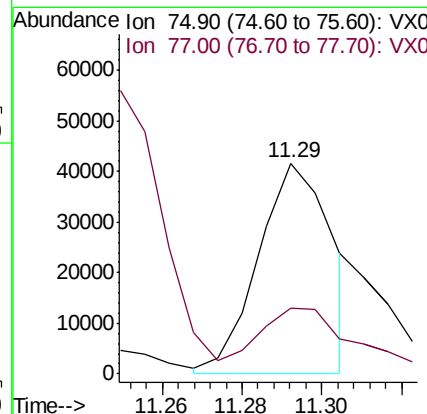
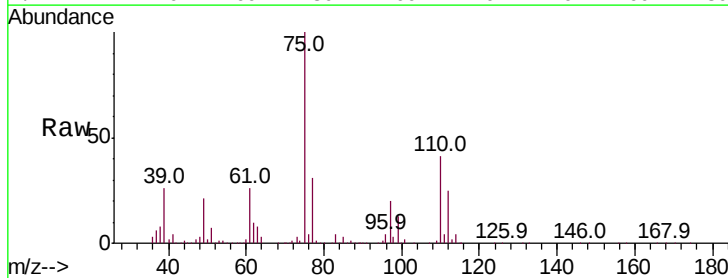
RT: 11.29 min Scan# 1663

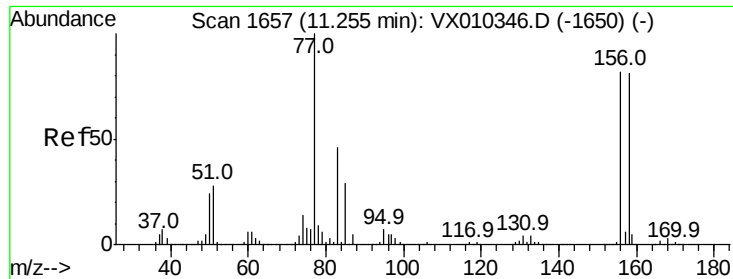
Delta R.T. 0.00 min

Lab File: VX010827.D

Acq: 12 Jul 2019 11:45

Tgt Ion:	75	Resp:	53247
Ion Ratio	Lower	Upper	
75	100		
77	41.4	22.6	67.8





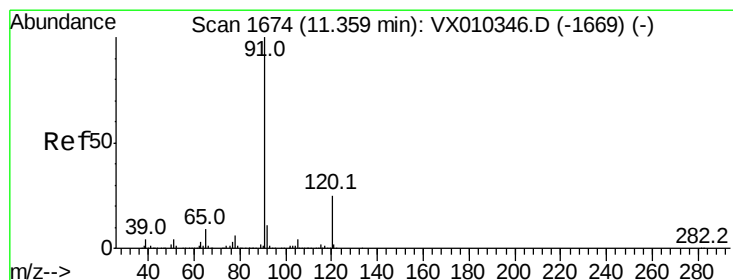
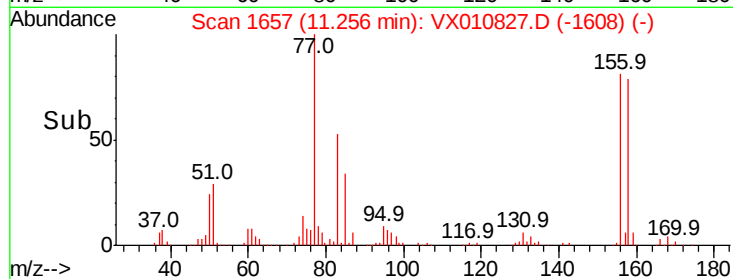
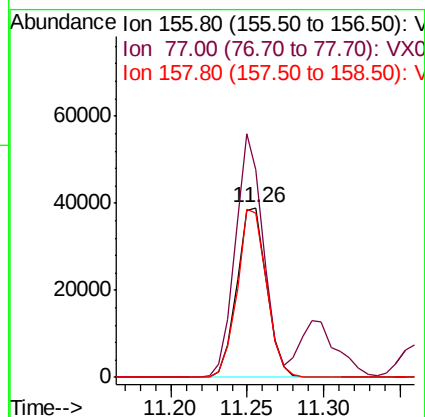
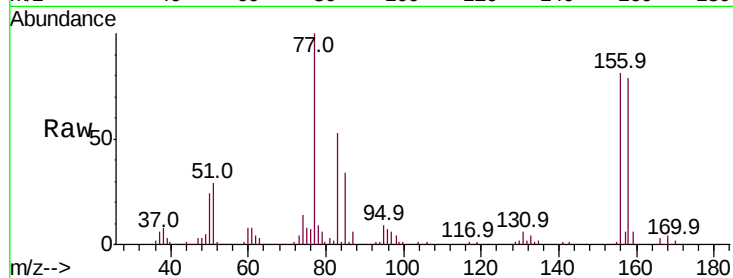
#77
Bromobenzene
Concen: 19.319 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.9	66.3	198.7
158	97.7	48.9	146.7

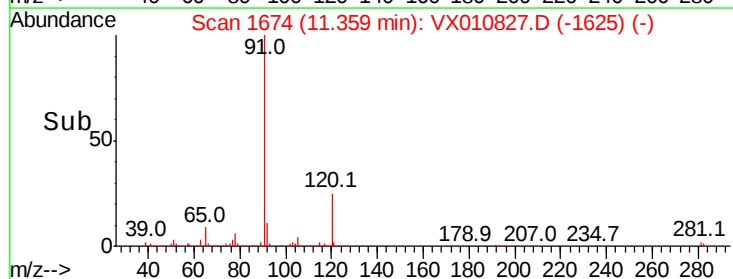
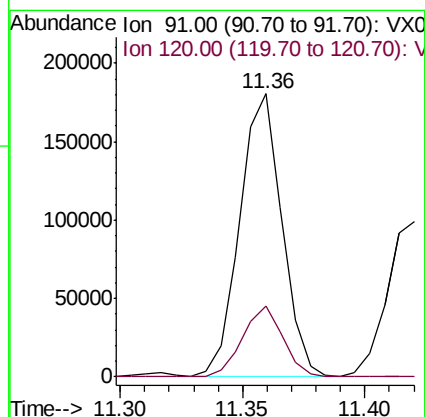
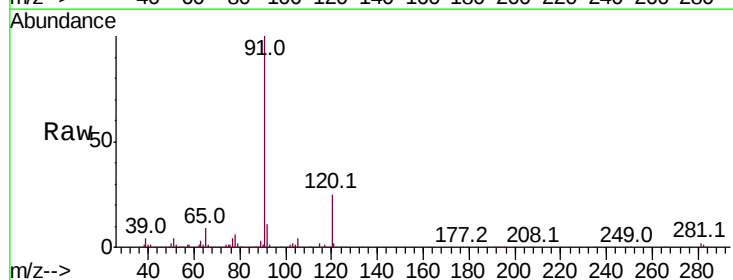
Manual Integrations
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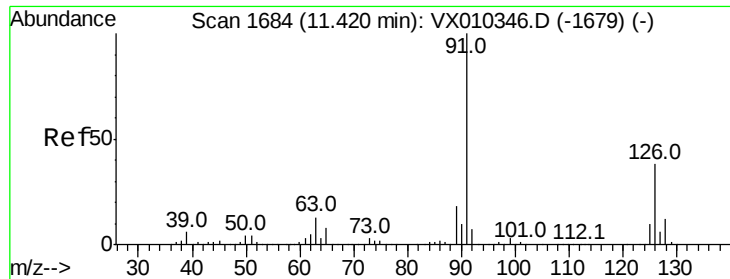
MMDadoda
7/15/2019 11:00:29 AM



#78
n-propylbenzene
Concen: 20.083 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.4	37.4





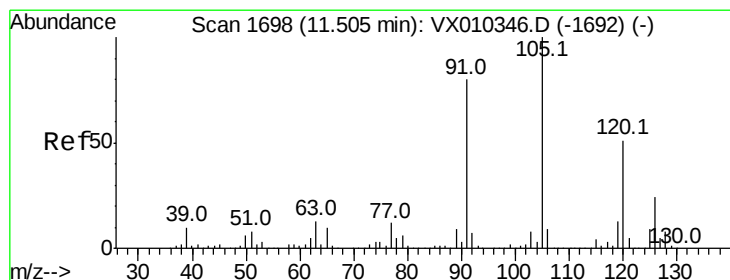
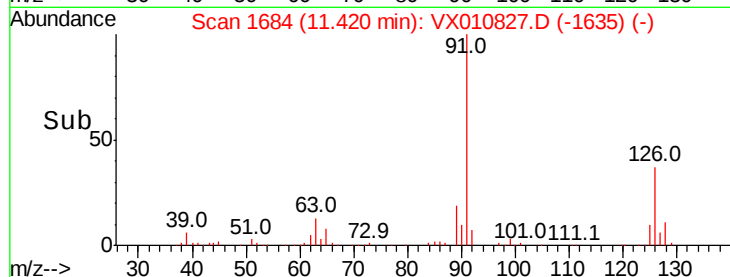
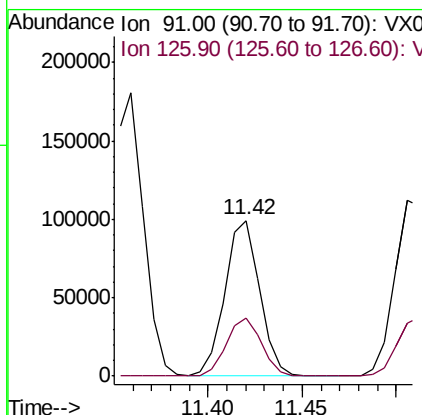
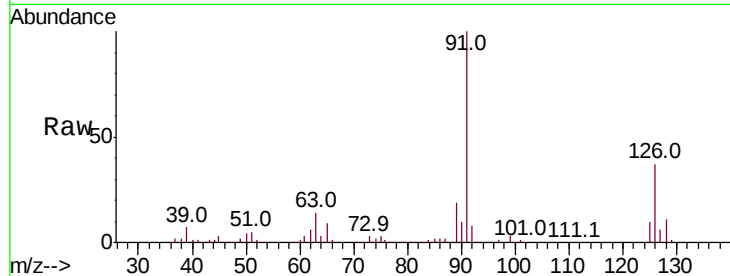
#79
2-Chlorotoluene
Concen: 19.841 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion: 91 Resp: 126047
Ion Ratio Lower Upper
91 100
126 37.7 18.7 56.1

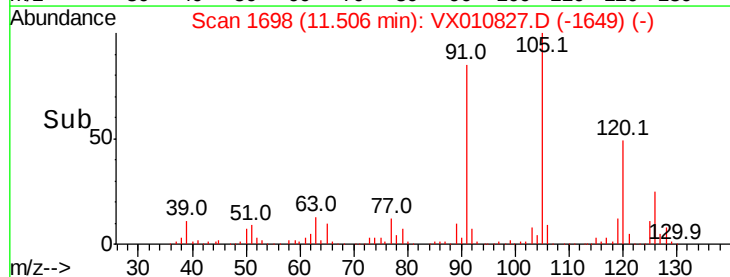
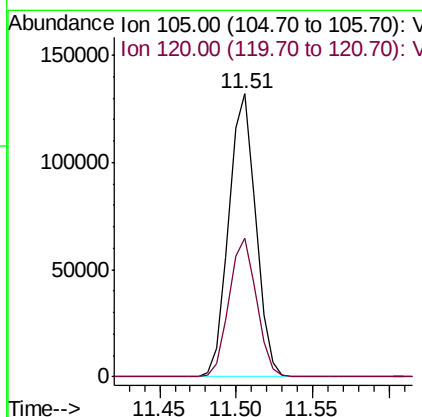
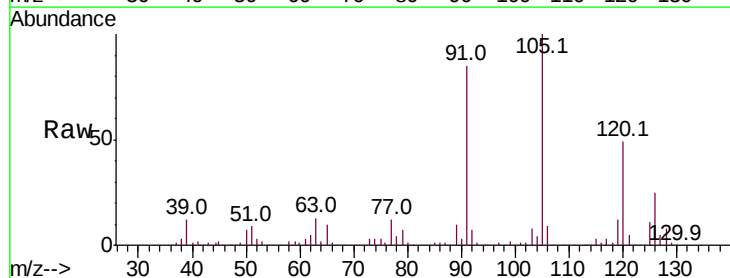
Manual Integrations
APPROVED

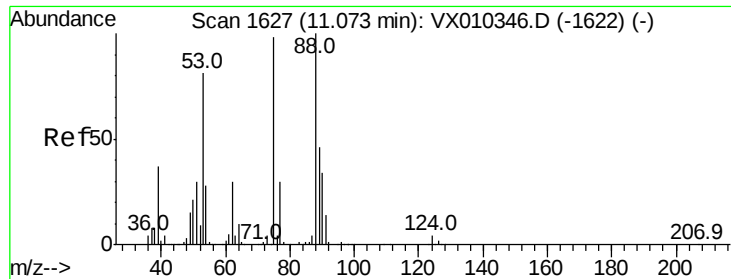
MMDadoda
7/15/2019 11:00:29 AM



#80
1,3,5-Trimethylbenzene
Concen: 20.195 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 105 Resp: 161610
Ion Ratio Lower Upper
105 100
120 49.9 25.2 75.6





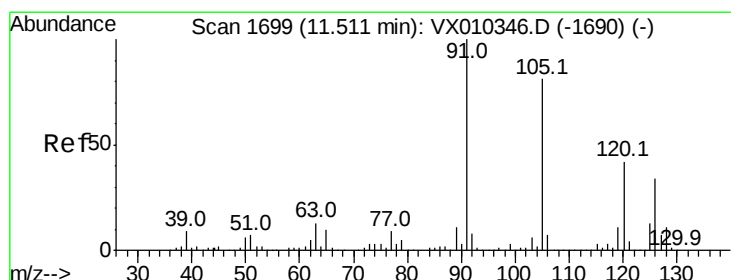
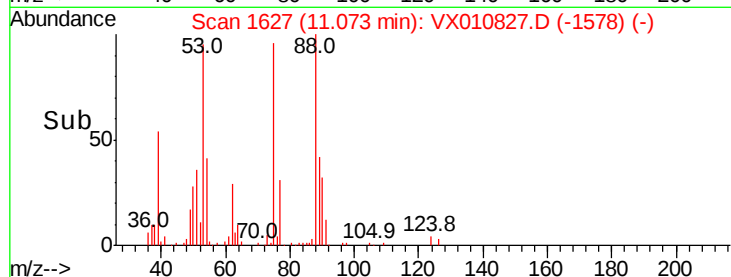
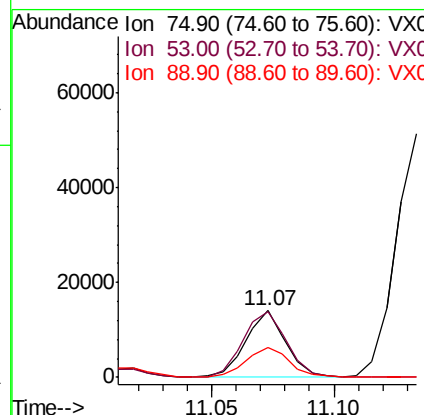
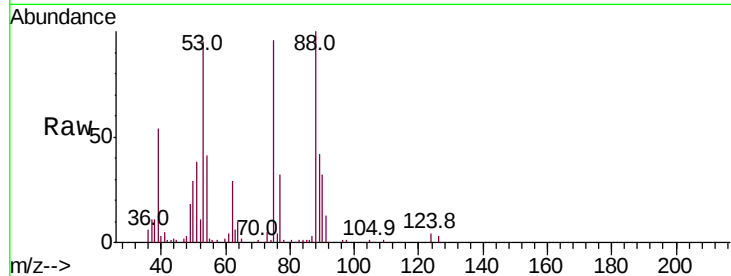
#81
trans-1,4-Dichloro-2-butene
Concen: 14.116 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion: 75 Resp: 15790
Ion Ratio Lower Upper
75 100
53 108.6 66.1 99.1#
89 49.1 37.8 56.6

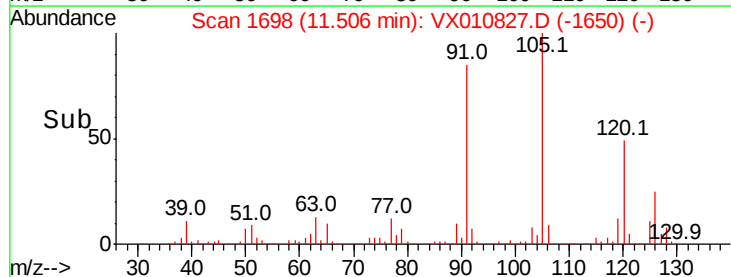
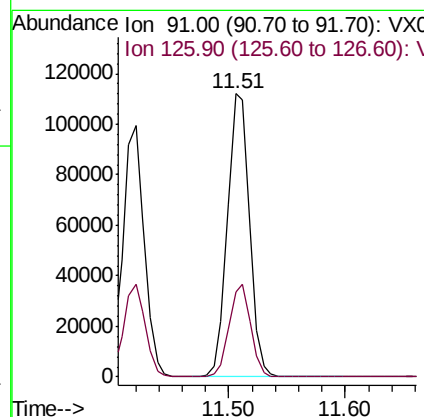
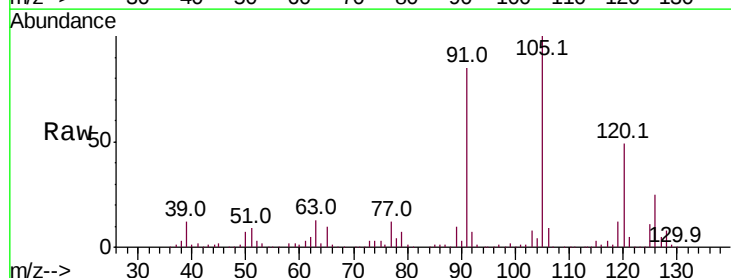
Manual Integrations
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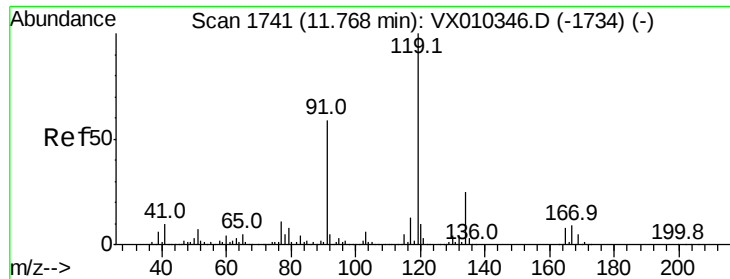
MMDadoda
7/15/2019 11:00:29 AM



#82
4-Chlorotoluene
Concen: 20.259 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion: 91 Resp: 146450
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.6





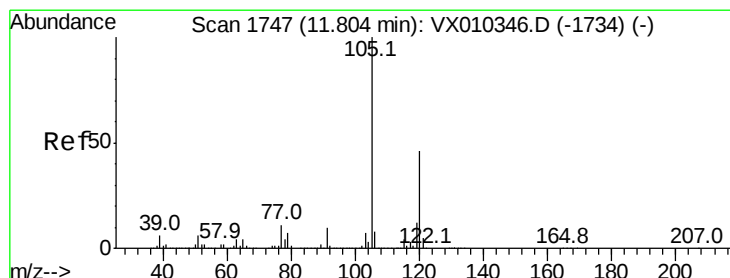
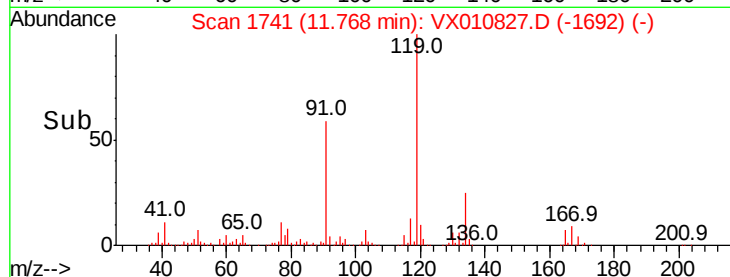
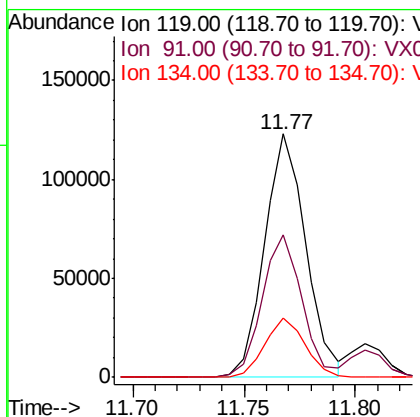
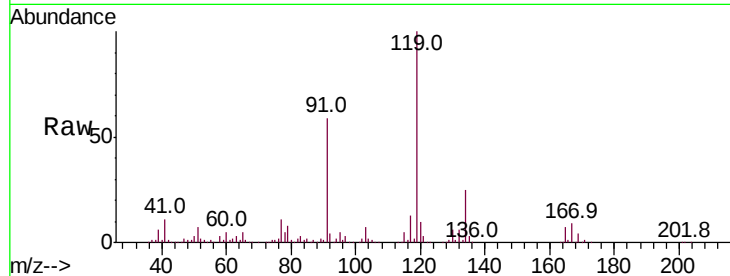
#83
tert-Butylbenzene
Concen: 19.667 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	157965		
91	56.7		27.6	82.7
134	24.2		11.8	35.4

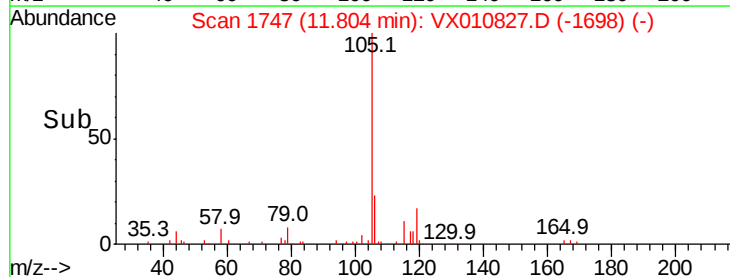
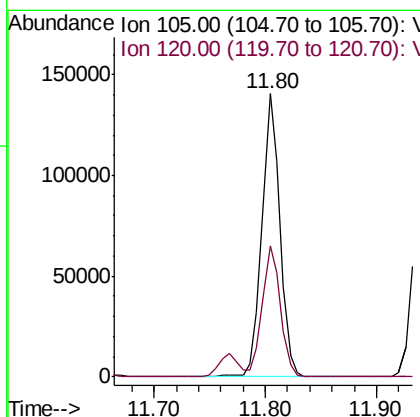
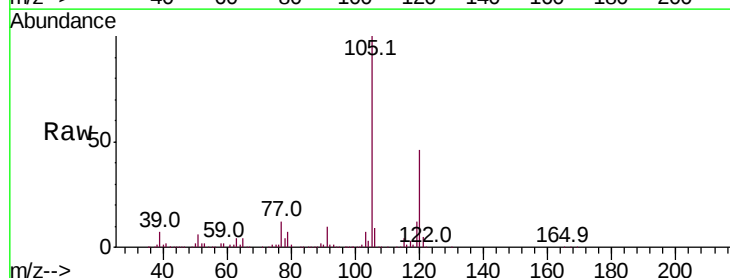
Manual Integrations
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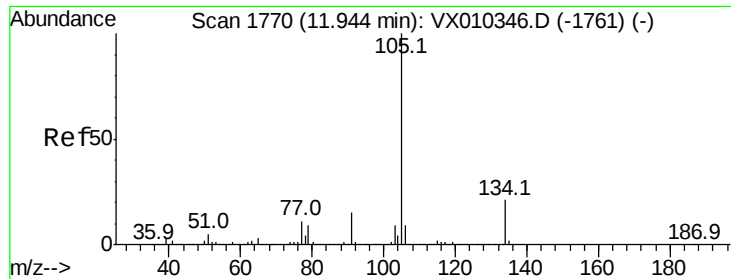
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#84
1,2,4-Trimethylbenzene
Concen: 20.078 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	161429		
120	46.0		23.1	69.2





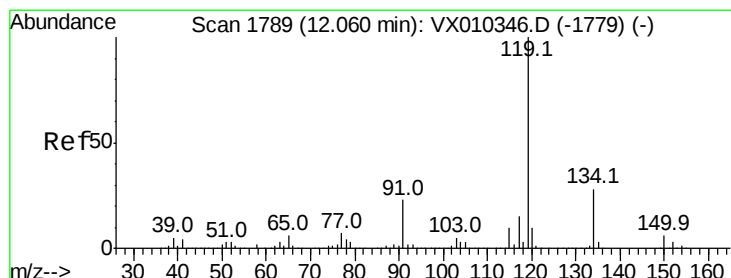
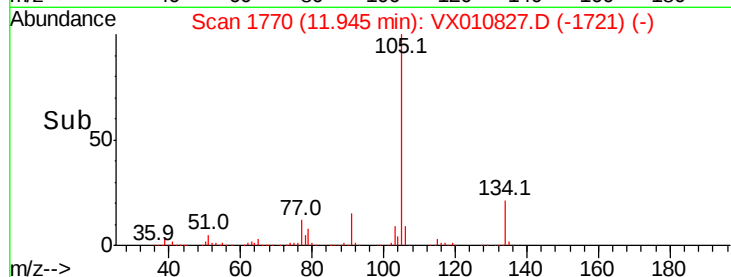
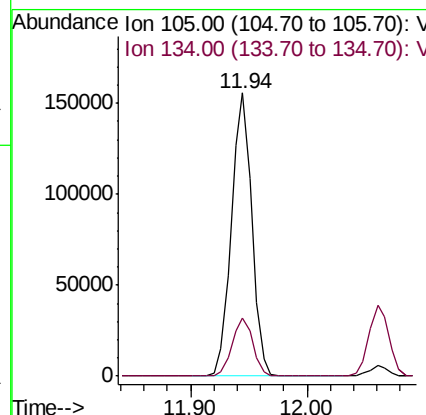
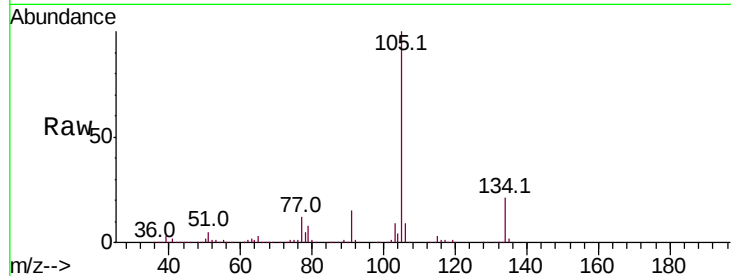
#85
 sec-Butylbenzene
 Concen: 20.023 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.7	31.9

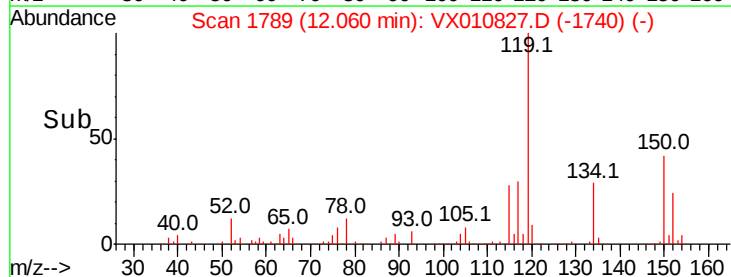
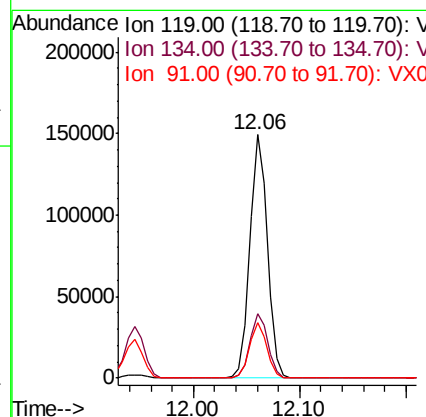
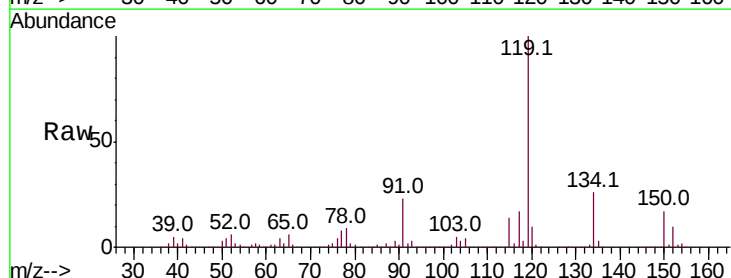
Manual Integrations
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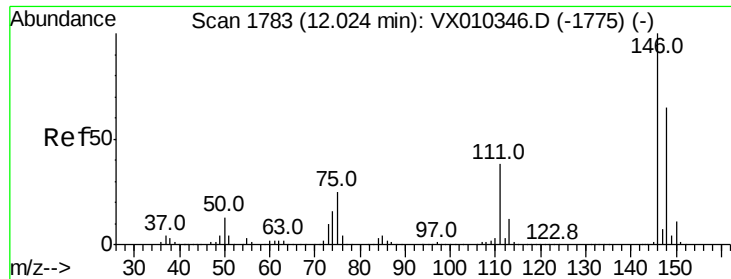
MMDadoda
 7/15/2019 11:00:29 AM



#86
 p-Isopropyltoluene
 Concen: 19.900 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.7	41.1
91	22.7	11.3	33.8





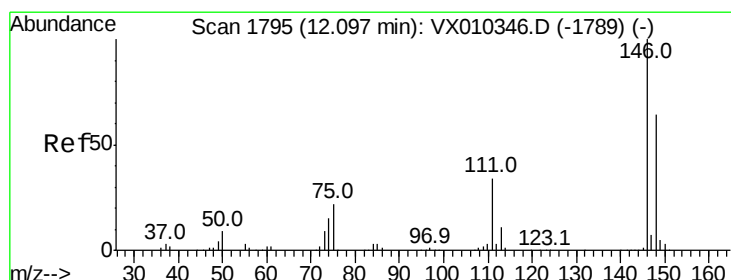
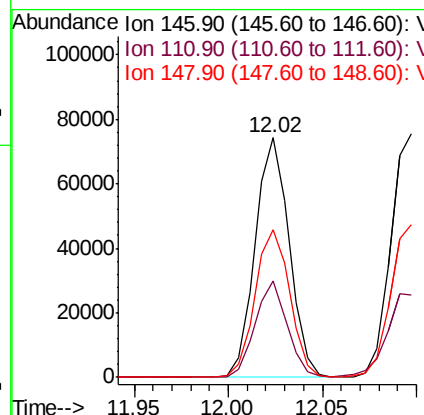
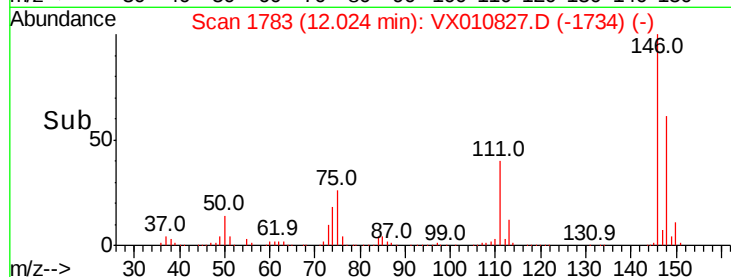
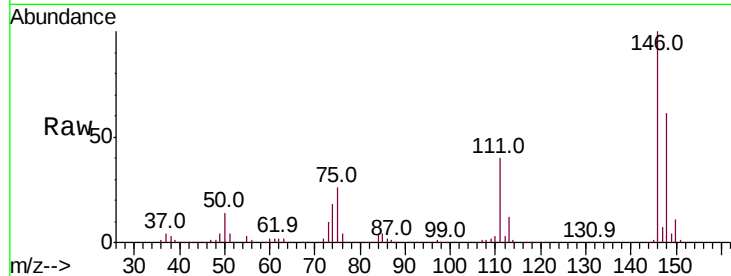
#87
 1,3-Dichlorobenzene
 Concen: 19.581 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	62.9	32.5	97.4

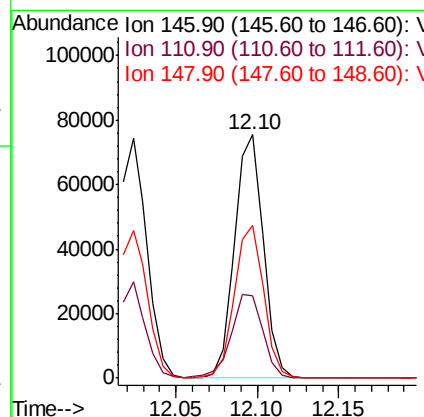
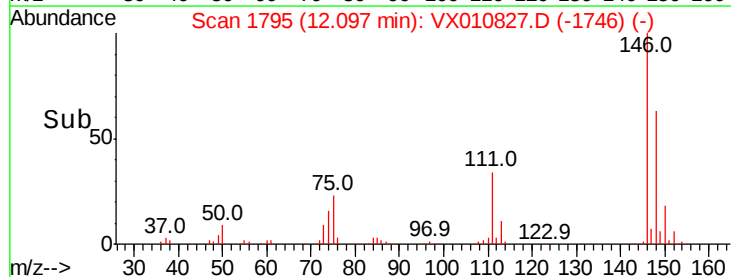
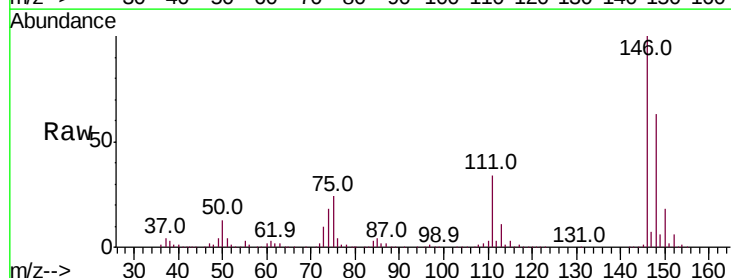
Manual Integrations
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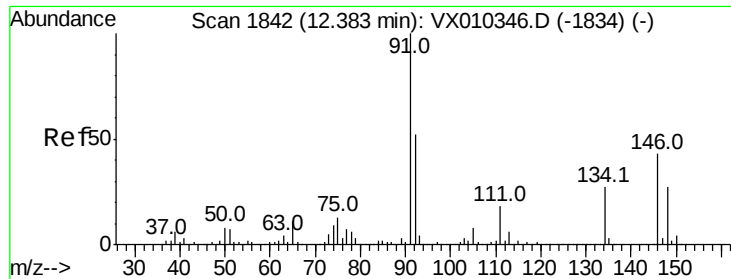
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#88
 1,4-Dichlorobenzene
 Concen: 19.122 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.1	54.3
148	63.8	32.1	96.3





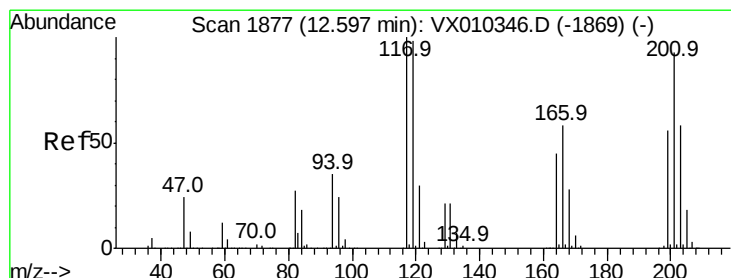
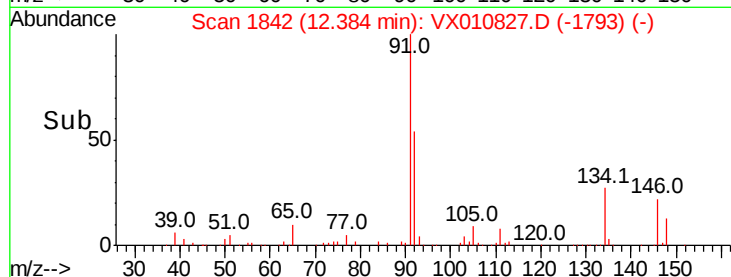
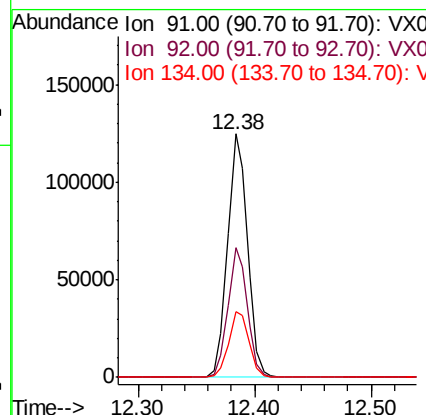
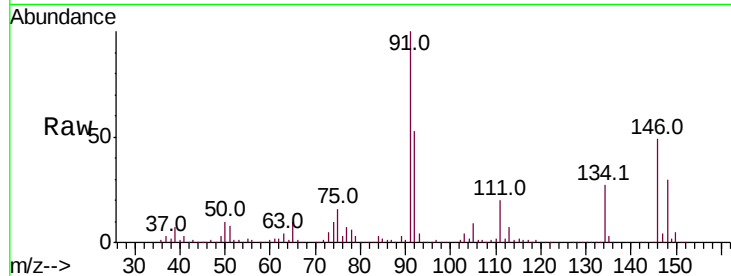
#89
n-Butylbenzene
Concen: 19.827 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.2	78.5
134	27.6	14.1	42.4

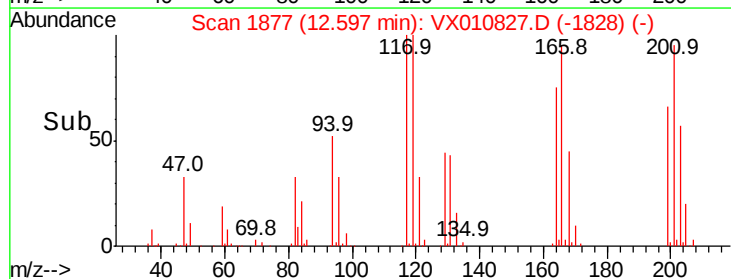
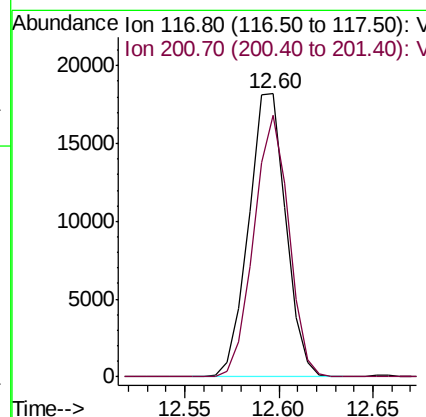
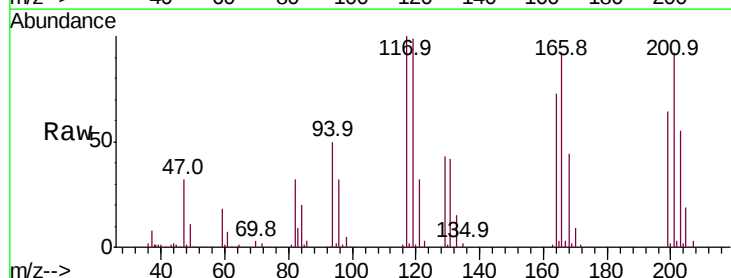
Manual Integrations
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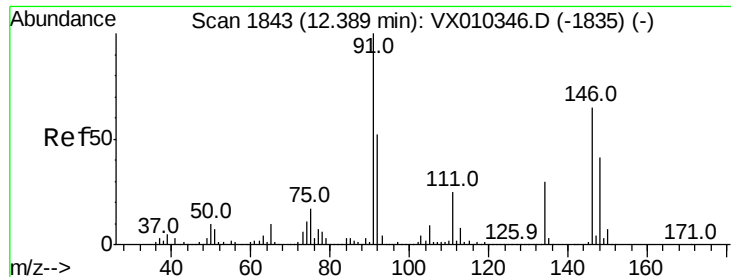
MMDadoda
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#90
Hexachloroethane
Concen: 16.519 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	44.0	131.8





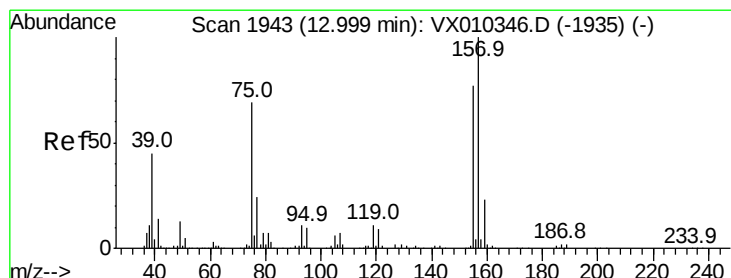
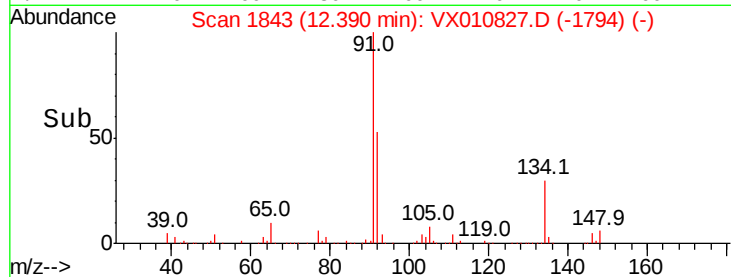
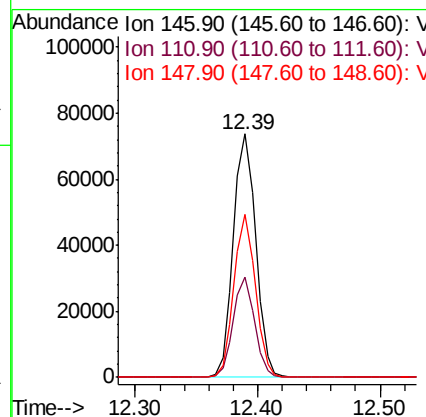
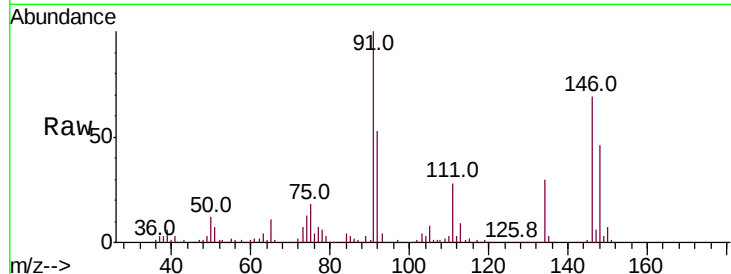
#91
 1,2-Dichlorobenzene
 Concen: 19.836 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.2	57.6
148	63.9	32.0	96.0

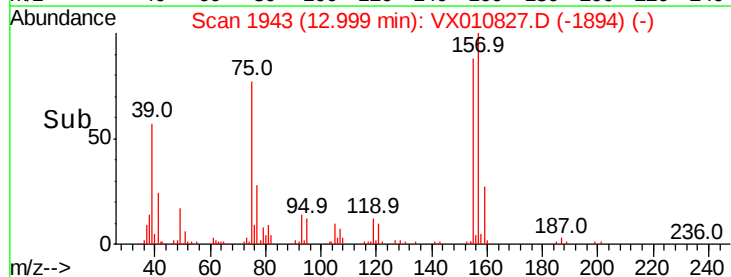
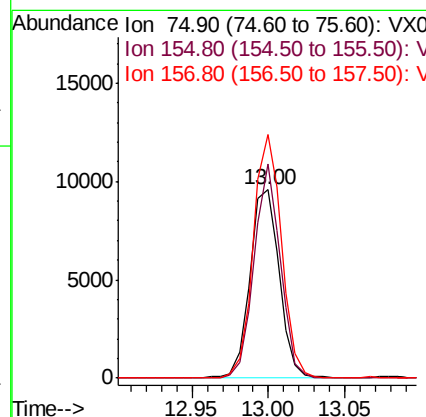
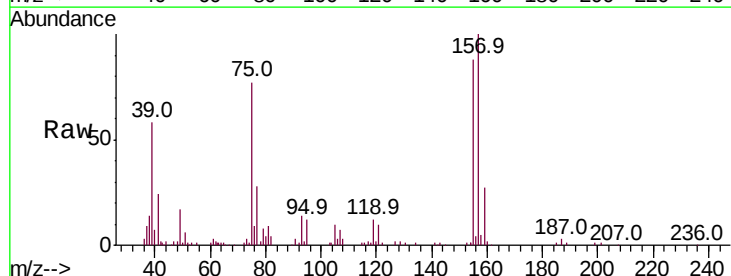
Manual Integrations
 APPROVED

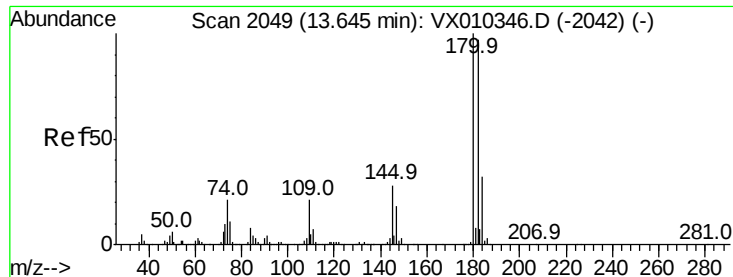
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.382 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	54.4	163.1
157	124.0	69.5	208.3





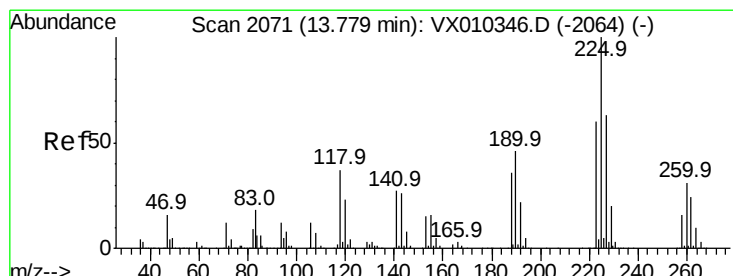
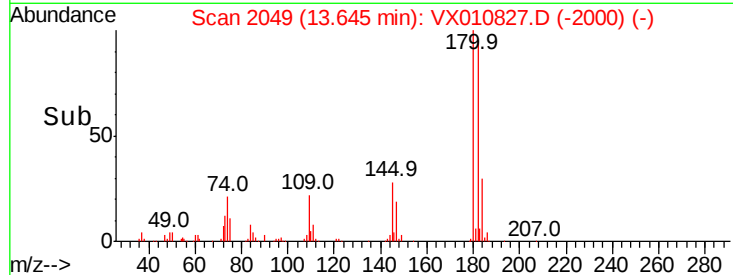
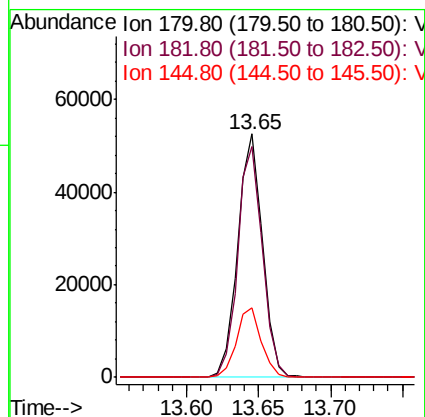
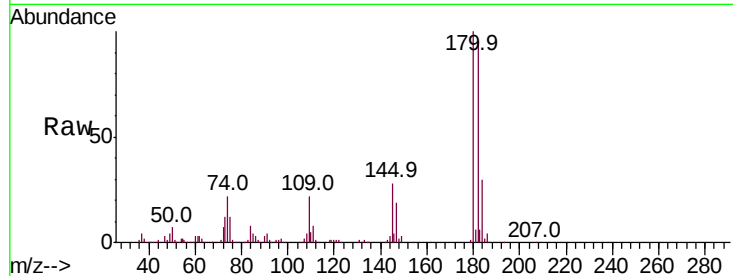
#93
 1,2,4-Trichlorobenzene
 Concen: 19.359 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS02

Tot Ion:	180	Resp:	63129
Ion Ratio	Lower	Upper	
180	100		
182	94.3	48.0	144.0
145	28.7	14.4	43.4

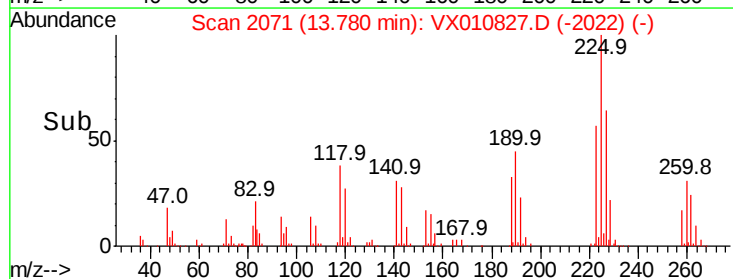
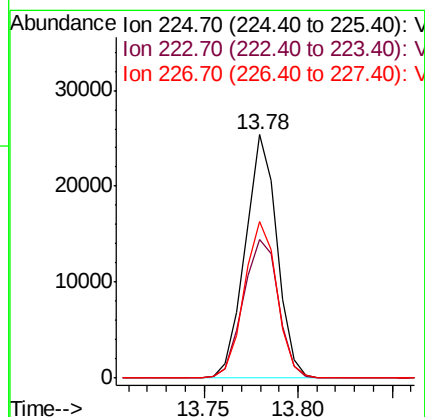
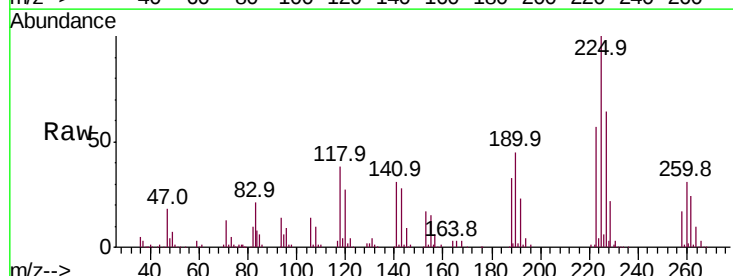
Manual Integrations
 APPROVED

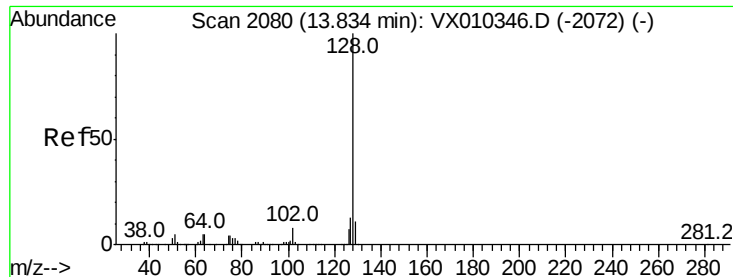
MMDadoda
 7/15/2019 11:00:29 AM



#94
 Hexachlorobutadiene
 Concen: 18.620 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010827.D
 Acq: 12 Jul 2019 11:45

Tgt Ion:	225	Resp:	29677
Ion Ratio	Lower	Upper	
225	100		
223	63.0	30.9	92.7
227	66.3	31.9	95.5





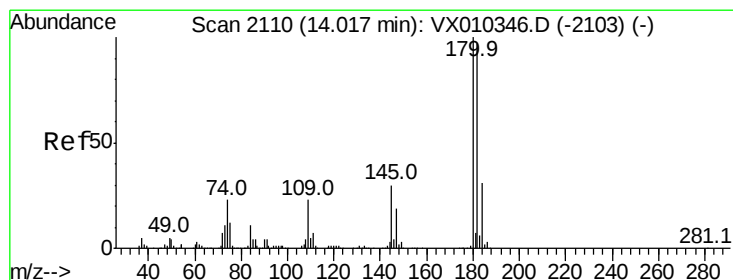
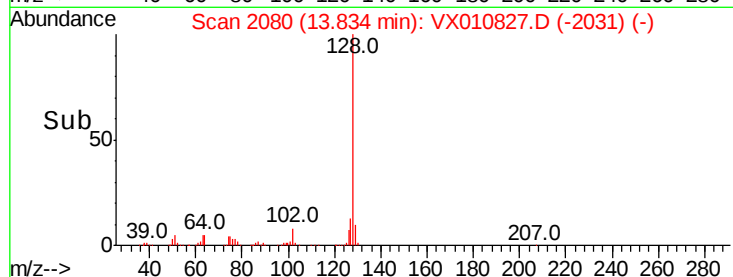
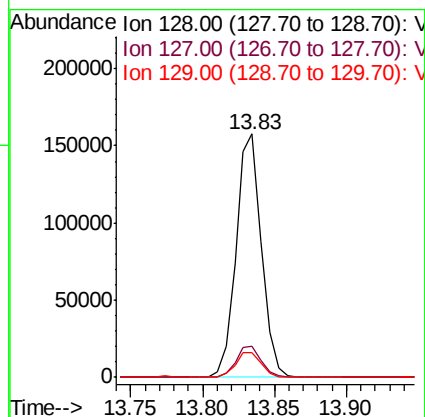
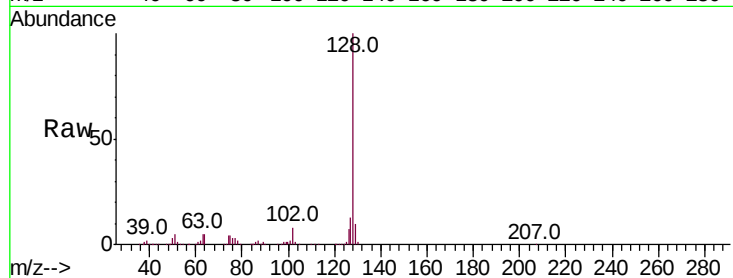
#95
Naphthalene
Concen: 19.284 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	193256		
127	12.9		10.2	15.4
129	10.6		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/15/2019 11:00:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.402 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010827.D
Acq: 12 Jul 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	62909		
182	96.2		47.8	143.3
145	31.5		15.2	45.6

