

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010554.D
 Acq On : 28 Jun 2019 23:34
 Operator : JC/SP
 Sample : VX0628WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 10:40:48 AM

Quant Time: Jun 29 06:41:24 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	230596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	320185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109160	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	5.50	113	105189	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.71	98	397545	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.13	95	141458	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	28378	17.701	ug/l	99
3) Chloromethane	1.32	50	32993	17.674	ug/l	100
4) Vinyl Chloride	1.41	62	36464	17.833	ug/l	100
5) Bromomethane	1.64	94	23828	23.920	ug/l	98
6) Chloroethane	1.72	64	24545	20.347	ug/l	100
7) Trichlorofluoromethane	1.93	101	64797	19.991	ug/l	97
8) Diethyl Ether	2.19	74	23512	20.227	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37657	19.171	ug/l	100
10) Methyl Iodide	2.51	142	52640	18.778	ug/l	97
11) Tert butyl alcohol	3.04	59	57954	102.439	ug/l	99
12) 1,1-Dichloroethene	2.37	96	37445	18.734	ug/l	97
13) Acrolein	2.29	56	31506	83.949	ug/l	98
14) Allyl chloride	2.73	41	52186	18.391	ug/l	99
15) Acrylonitrile	3.14	53	114293	102.038	ug/l	99
16) Acetone	2.44	43	92812	85.655	ug/l	100
17) Carbon Disulfide	2.57	76	80729	15.055	ug/l	99
18) Methyl Acetate	2.78	43	43881	20.319	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	125326	19.931	ug/l	99
20) Methylene Chloride	2.86	84	44688	20.040	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	40312	18.753	ug/l	96
22) Diisopropyl ether	3.85	45	119664	20.170	ug/l	99
23) Vinyl Acetate	3.82	43	499405	97.438	ug/l	100
24) 1,1-Dichloroethane	3.70	63	68135	19.868	ug/l	98
25) 2-Butanone	4.67	43	154153	96.985	ug/l	98
26) 2,2-Dichloropropane	4.59	77	42479	14.259	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	48287	19.438	ug/l	98
28) Bromochloromethane	5.01	49	28985	17.677	ug/l	100
29) Tetrahydrofuran	5.13	42	99554	101.120	ug/l	98
30) Chloroform	5.21	83	72259	19.583	ug/l	97
31) Cyclohexane	5.59	56	57590	18.441	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	63199	19.397	ug/l	98
36) 1,1-Dichloropropene	5.80	75	50020	17.899	ug/l	99
37) Ethyl Acetate	4.84	43	57068	19.850	ug/l	99
38) Carbon Tetrachloride	5.79	117	53446	17.661	ug/l	100

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64232	17.486	ug/l	99
40) Benzene	6.14	78	168666	19.373	ug/l	99
41) Methacrylonitrile	5.04	41	30871	19.570	ug/l	97
42) 1,2-Dichloroethane	6.20	62	54559	20.586	ug/l	99
43) Isopropyl Acetate	6.45	43	92270	19.398	ug/l	99
44) Trichloroethene	7.21	130	49296	18.922	ug/l	100
45) 1,2-Dichloropropane	7.51	63	42785	19.460	ug/l	97
46) Dibromomethane	7.66	93	30798	19.524	ug/l	96
47) Bromodichloromethane	7.90	83	52586	18.190	ug/l	99
48) Methyl methacrylate	7.77	41	43319	19.593	ug/l	99
49) 1,4-Dioxane	7.74	88	26322	413.277	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	308263	101.332	ug/l	99
52) Toluene	8.79	92	109259	19.056	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	53306	16.447	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	61755	17.533	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	47102	19.919	ug/l	98
56) Ethyl methacrylate	9.18	69	68251	19.053	ug/l	97
57) 1,3-Dichloropropane	9.37	76	72298	19.696	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	159494	93.752	ug/l	100
59) 2-Hexanone	9.49	43	235593	98.399	ug/l	100
60) Dibromochloromethane	9.58	129	45861	17.322	ug/l	98
61) 1,2-Dibromoethane	9.67	107	47944	18.784	ug/l	99
64) Tetrachloroethene	9.34	164	53270	20.570	ug/l	98
65) Chlorobenzene	10.13	112	125122	19.248	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	44081	18.617	ug/l	98
67) Ethyl Benzene	10.25	91	208587	19.007	ug/l	100
68) m/p-Xylenes	10.36	106	160858	37.830	ug/l	99
69) o-Xylene	10.69	106	79653	19.048	ug/l	100
70) Styrene	10.71	104	134062	19.117	ug/l	99
71) Bromoform	10.85	173	33776	16.404	ug/l #	100
73) Isopropylbenzene	11.02	105	212091	19.245	ug/l	99
74) N-amyl acetate	10.90	43	81912	19.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71903	19.701	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59485m	20.080	ug/l	
77) Bromobenzene	11.26	156	58533	19.022	ug/l	98
78) n-propylbenzene	11.36	91	226735	18.720	ug/l	100
79) 2-Chlorotoluene	11.42	91	137795	19.106	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	173492	19.097	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16819	13.245	ug/l #	84
82) 4-Chlorotoluene	11.51	91	158128	19.268	ug/l	99
83) tert-Butylbenzene	11.77	119	170917	18.744	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	175275	19.203	ug/l	99
85) sec-Butylbenzene	11.94	105	204639	19.114	ug/l	100
86) p-Isopropyltoluene	12.06	119	185775	18.760	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	99851	18.589	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	100978	18.466	ug/l	99
89) n-Butylbenzene	12.38	91	152148	18.080	ug/l	99
90) Hexachloroethane	12.59	117	26957	15.743	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	100244	18.778	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13570	17.245	ug/l	96

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ClientSampleId :
VX0628WBS02

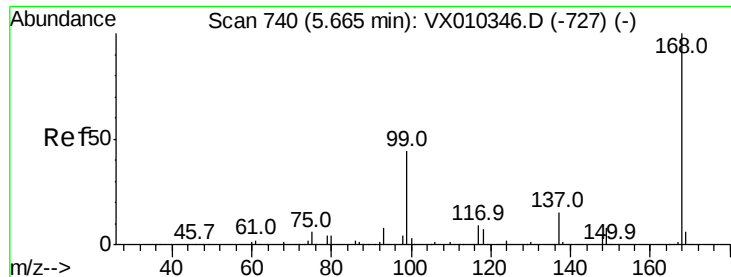
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69520	18.778	ug/l	98
94) Hexachlorobutadiene	13.78	225	31819	17.586	ug/l	97
95) Naphthalene	13.83	128	218117	19.172	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	70367	19.117	ug/l	100

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



#1

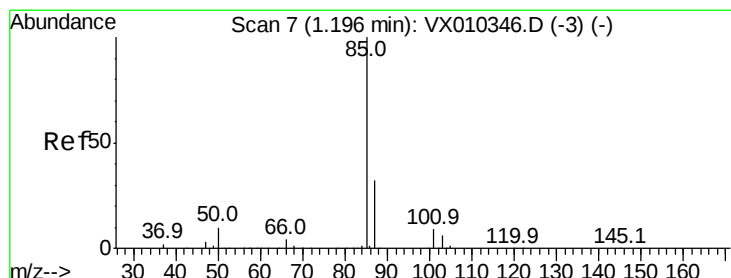
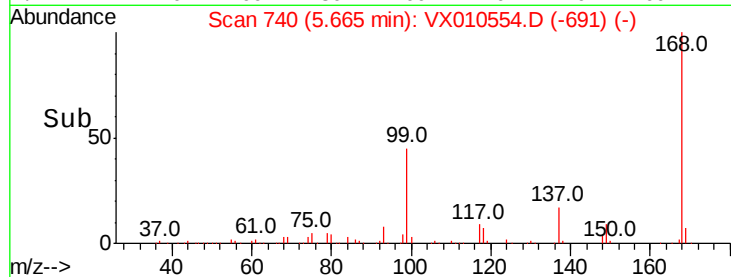
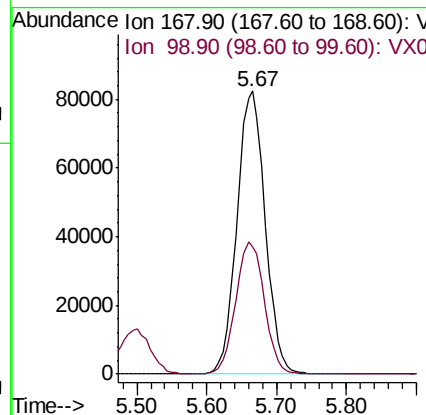
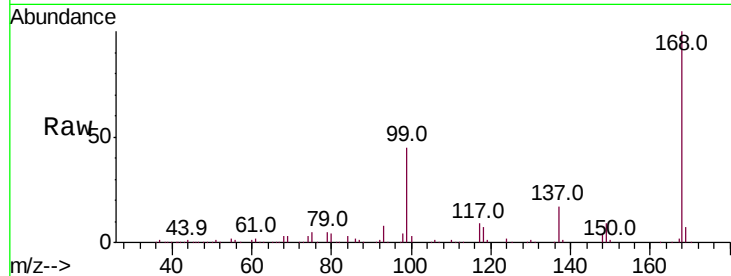
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion	Ratio	Resp	Lower	Upper
168	100	230596		
99	45.1	35.5	53.3	

Manual Integrations
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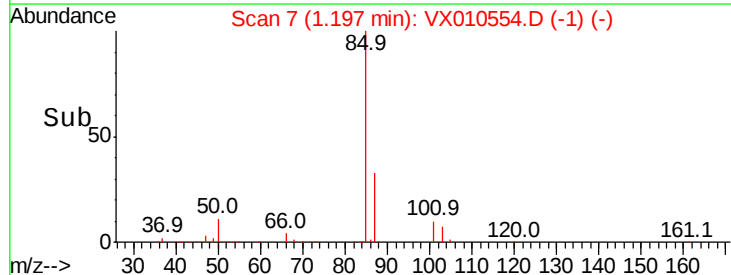
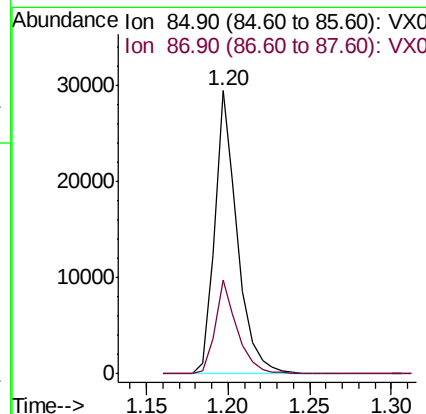
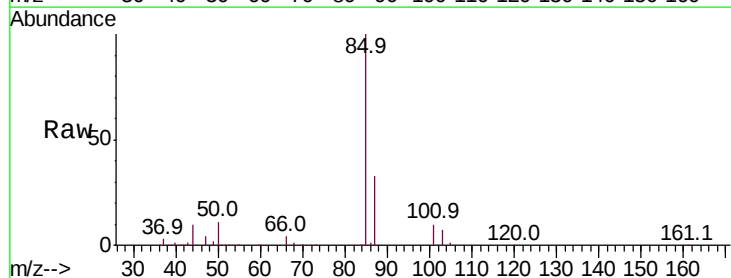
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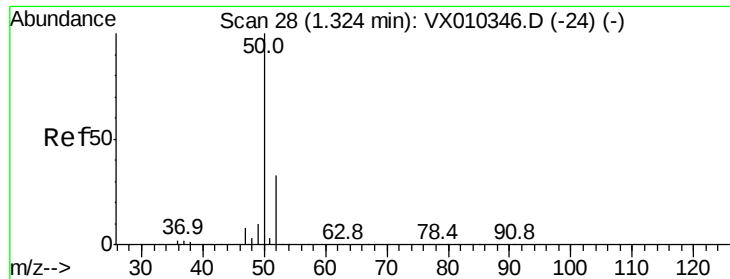


#2

Dichlorodifluoromethane
 Concen: 17.701 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	28378		
87	33.0	16.3	48.8	





#3

Chloromethane

Concen: 17.674 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion: 50 Resp: 32993

Ion Ratio Lower Upper

50 100

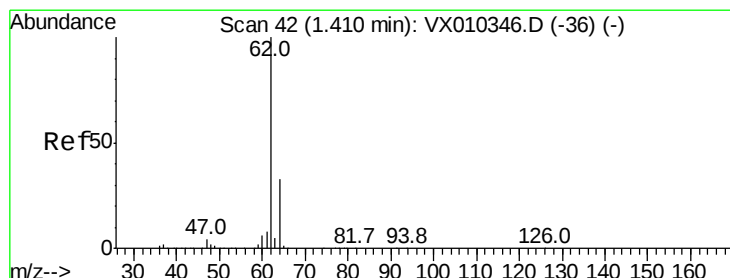
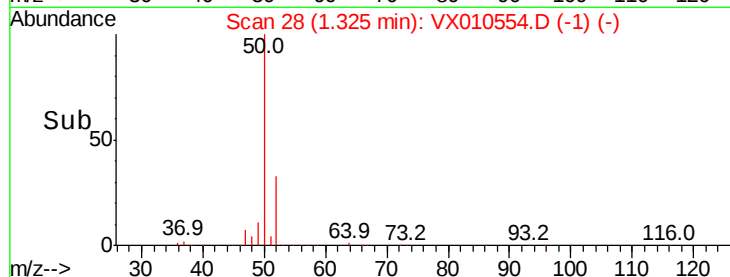
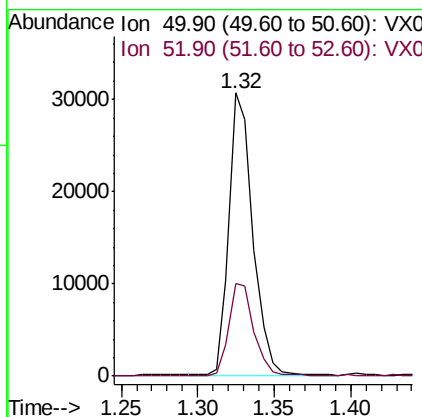
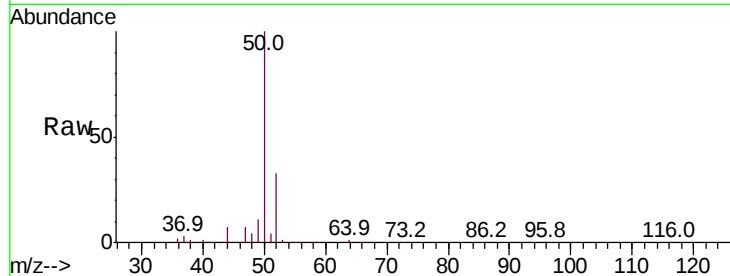
52 33.1 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.833 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010554.D

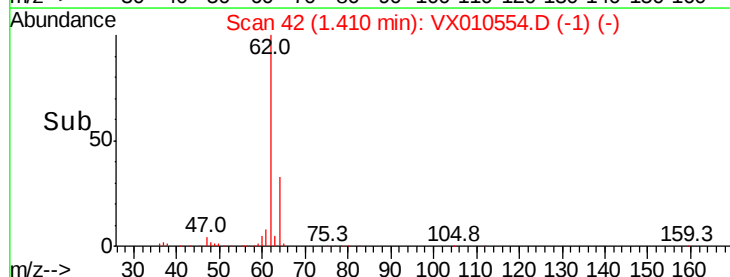
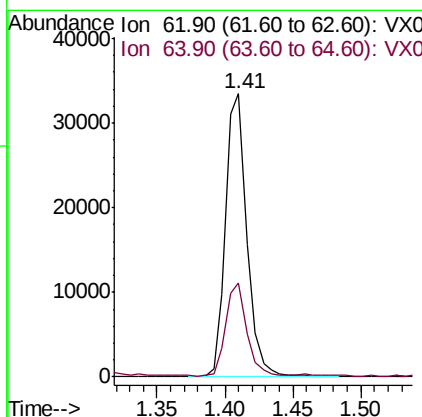
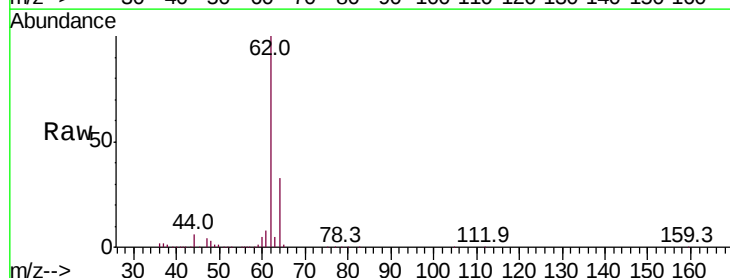
Acq: 28 Jun 2019 23:34

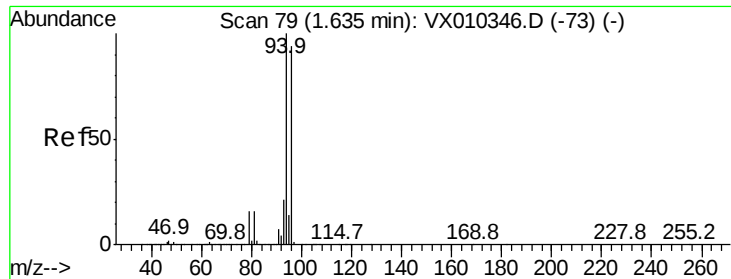
Tgt Ion: 62 Resp: 36464

Ion Ratio Lower Upper

62 100

64 32.9 26.2 39.4





#5

Bromomethane

Concen: 23.920 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion: 94 Resp: 23828

Ion Ratio Lower Upper

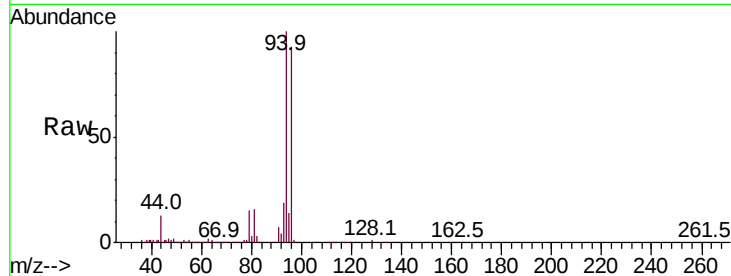
94 100

96 92.6 75.5 113.3

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

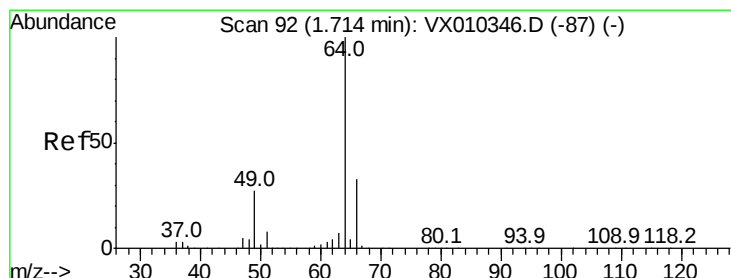
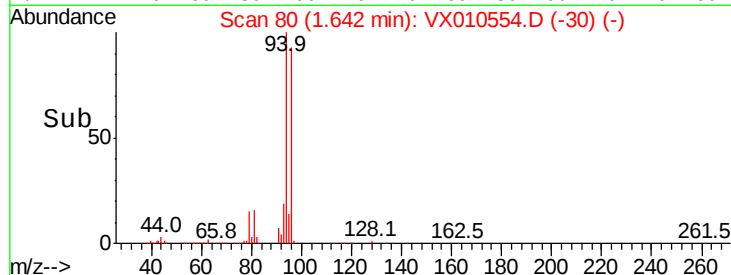
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 20.347 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010554.D

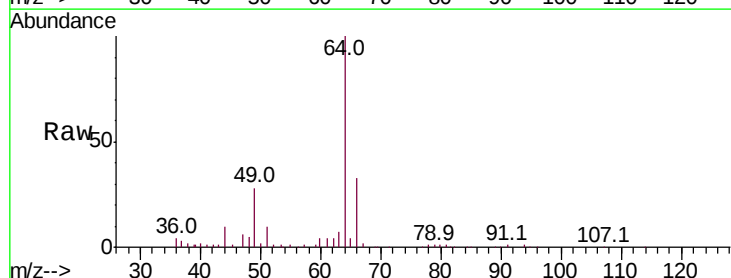
Acq: 28 Jun 2019 23:34

Tgt Ion: 64 Resp: 24545

Ion Ratio Lower Upper

64 100

66 33.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

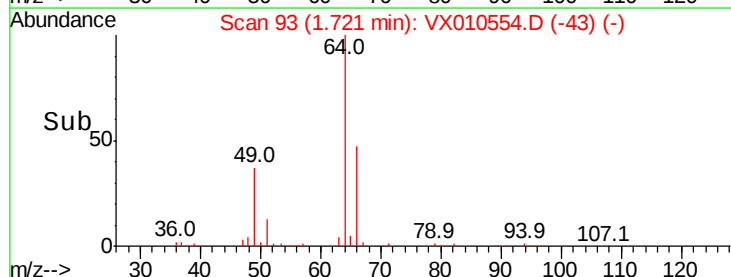
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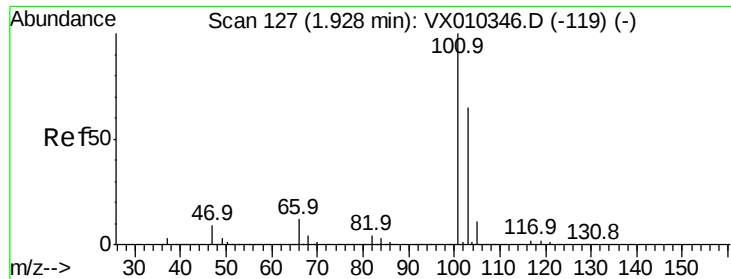
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0

1.65 1.70 1.75 1.80

Time-->





#7

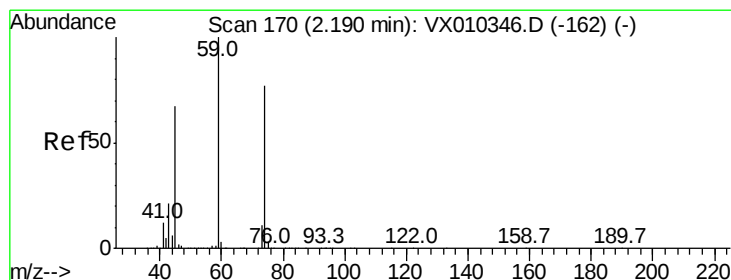
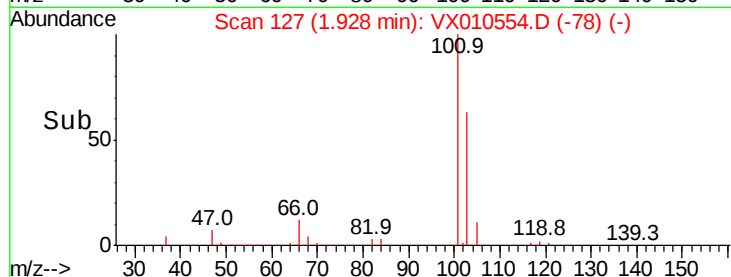
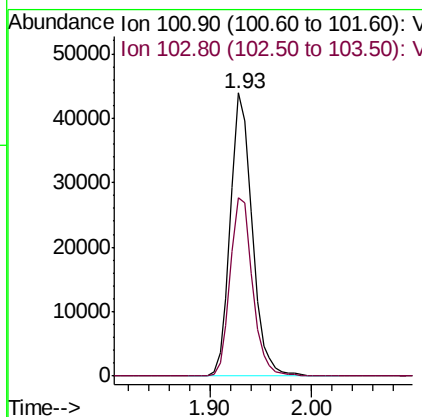
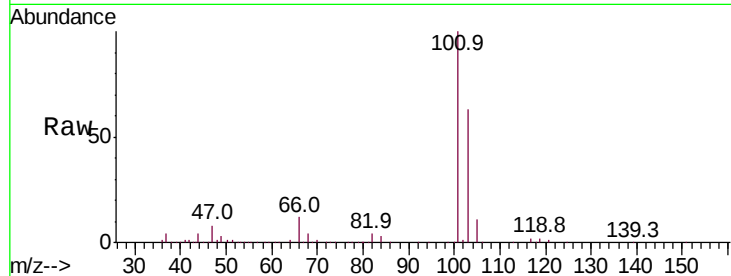
Trichlorofluoromethane
Concen: 19.991 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.3	78.5

Manual Integrations
APPROVED

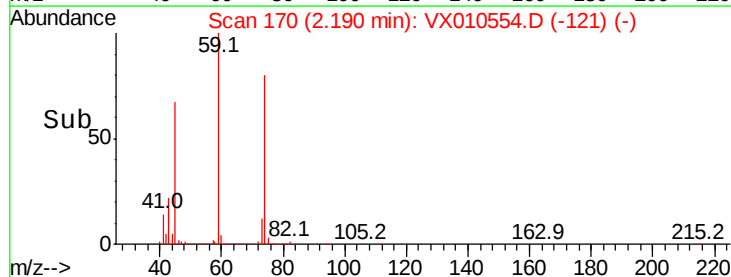
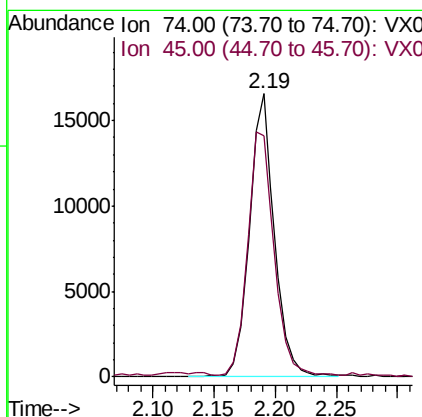
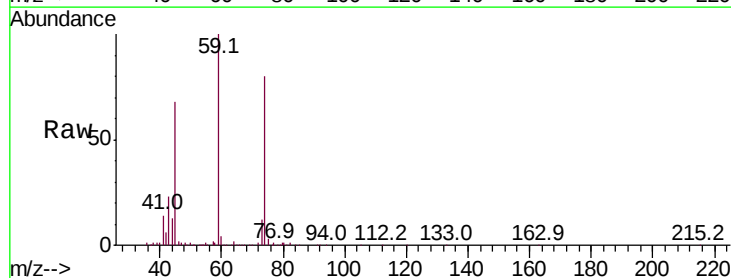
MMDadoda
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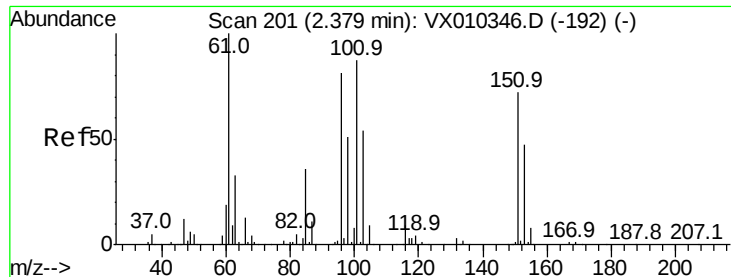


#8

Diethyl Ether
Concen: 20.227 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.0	44.8	134.4





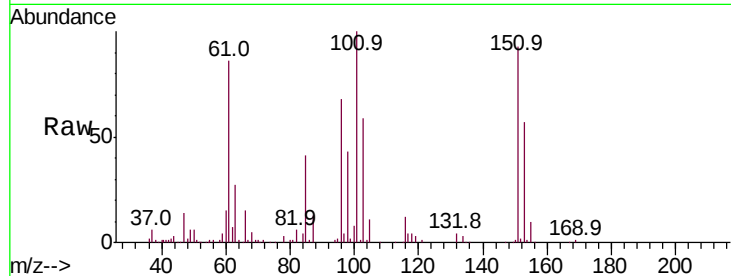
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.171 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.7	33.7	50.5
151	87.7	70.1	105.1

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7/1/2019 10:40:48 AM

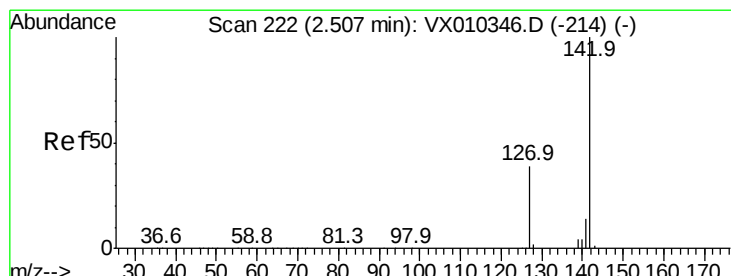
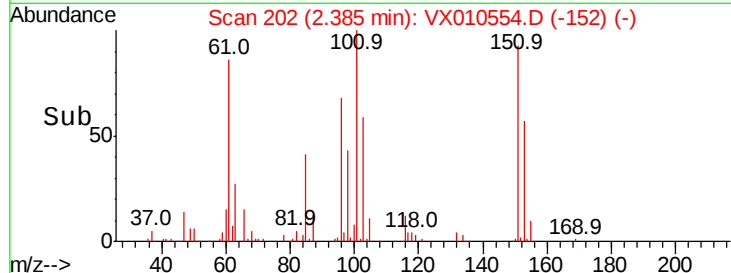
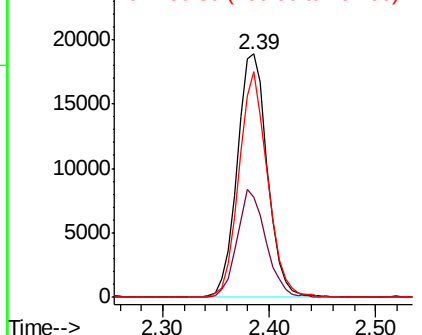


Abundance

Ion 100.90 (100.60 to 101.60): V

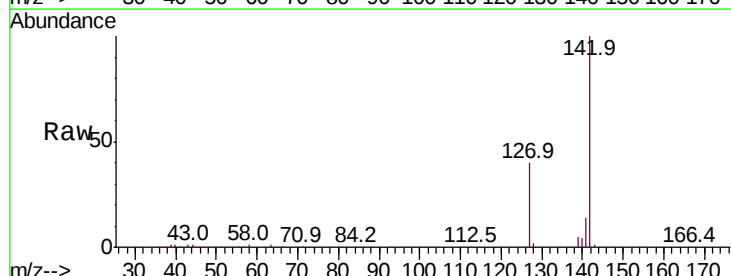
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10
Methyl Iodide
Concen: 18.778 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.1	31.1	46.7
141	14.7	11.2	16.8

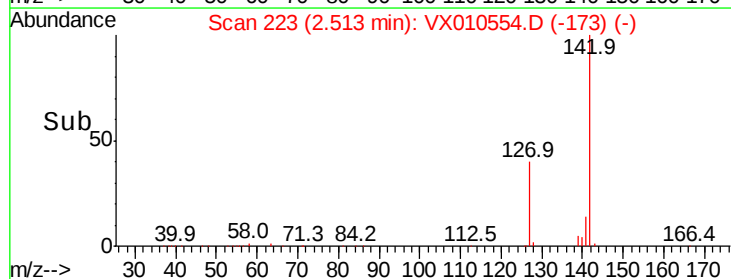
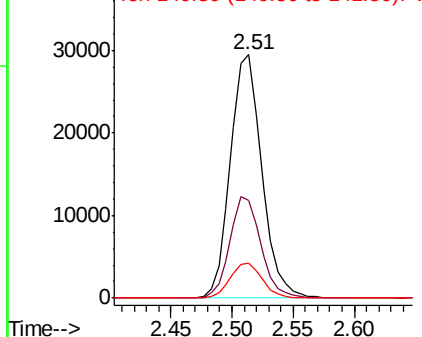


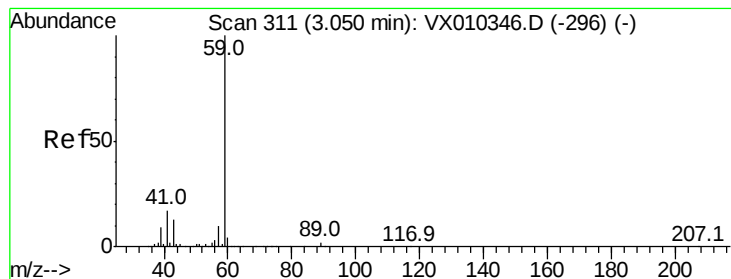
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

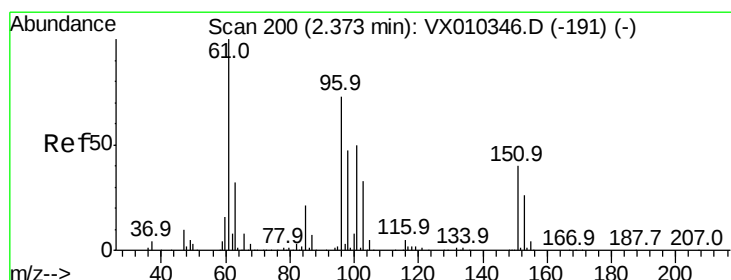
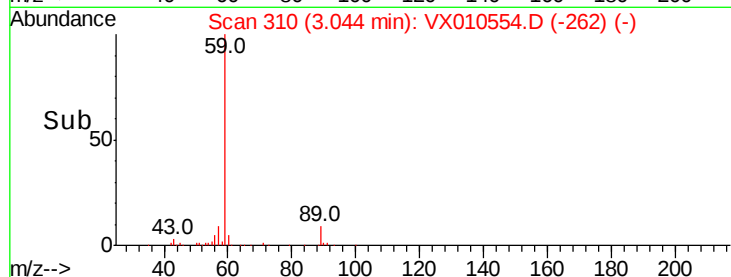
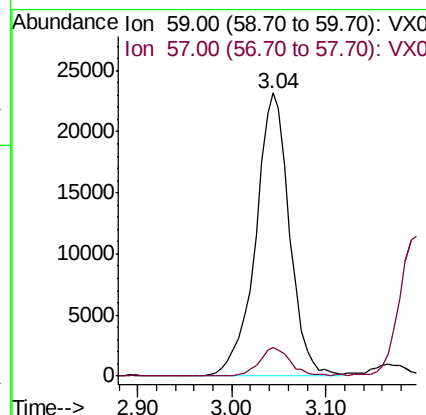
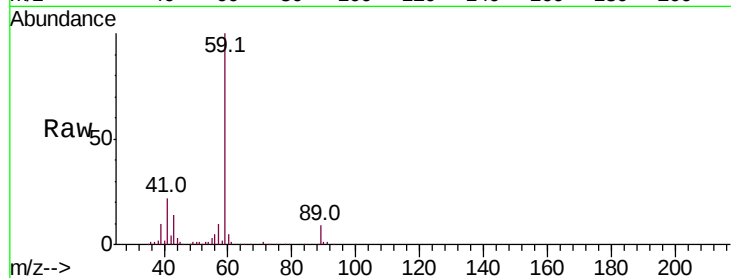
Tert butyl alcohol
Concen: 102.439 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

Tot Ion: 59 Resp: 57954
Ion Ratio Lower Upper
59 100
57 9.4 7.7 11.5

Manual Integrations
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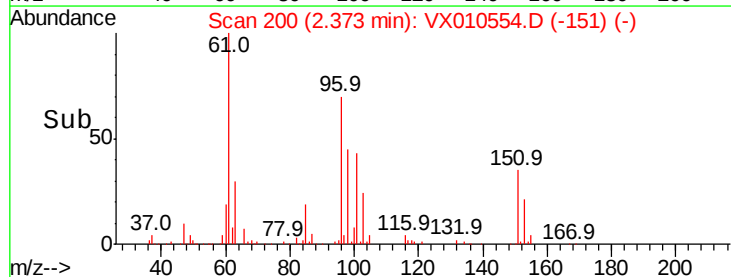
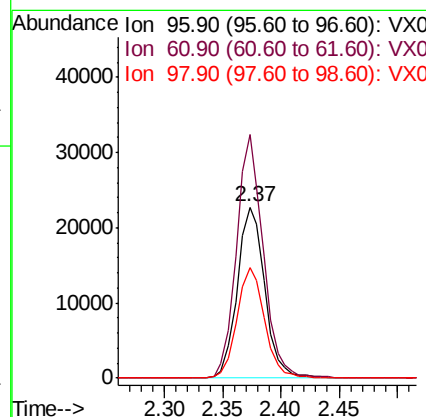
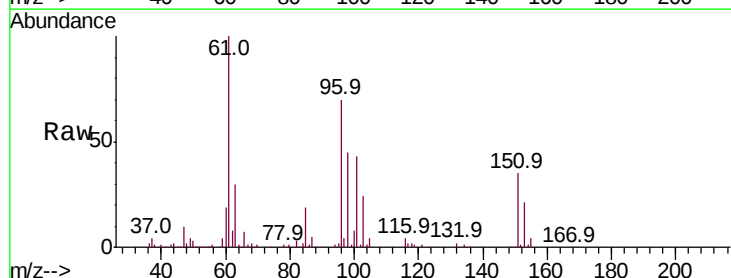
MMDadoda
7/1/2019 10:40:48 AM

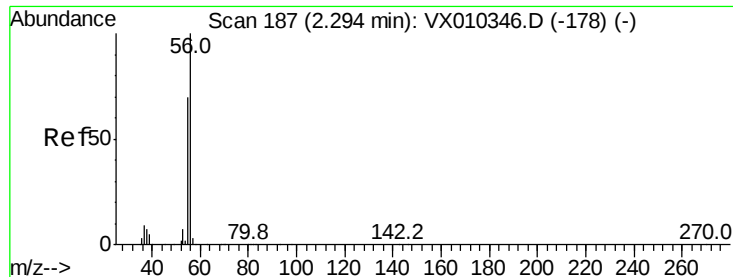


#12

1,1-Dichloroethene
Concen: 18.734 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion: 96 Resp: 37445
Ion Ratio Lower Upper
96 100
61 141.7 109.2 163.8
98 64.5 51.1 76.7





#13

Acrolein

Concen: 83.949 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion: 56 Resp: 31506

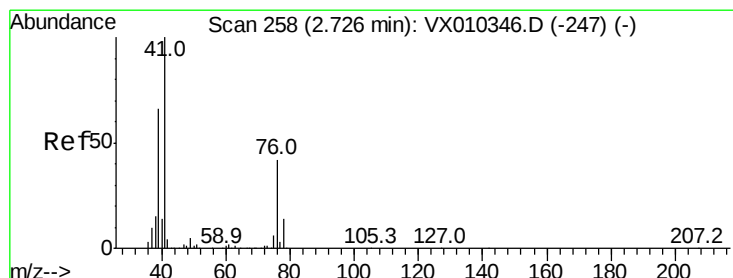
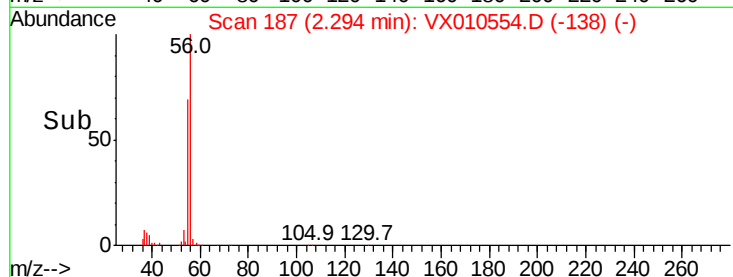
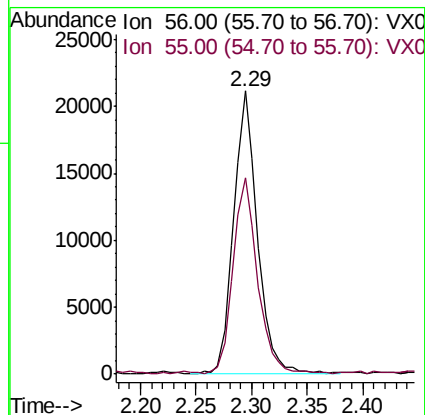
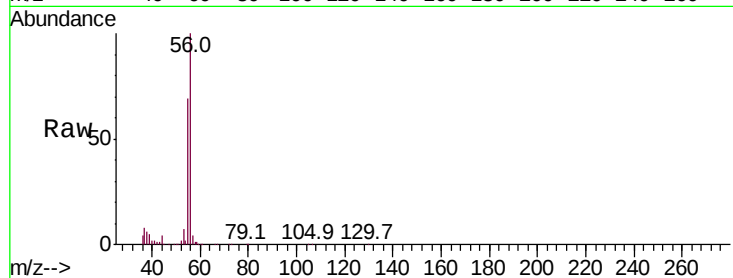
Ion Ratio Lower Upper

56 100

55 69.7 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 18.391 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

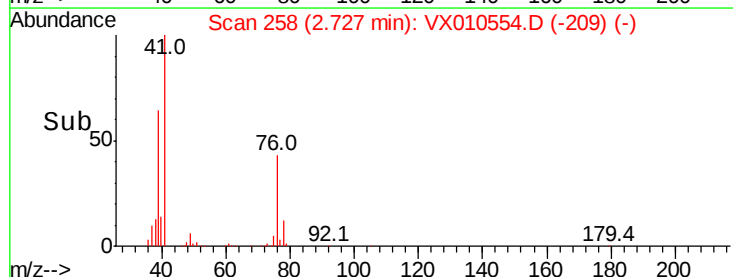
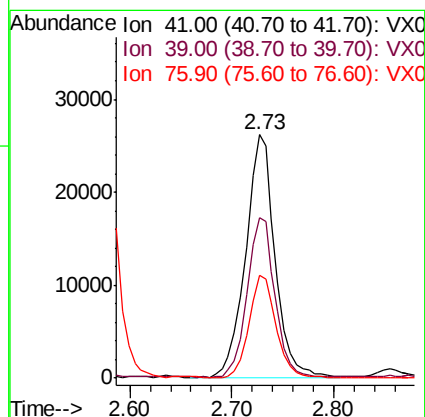
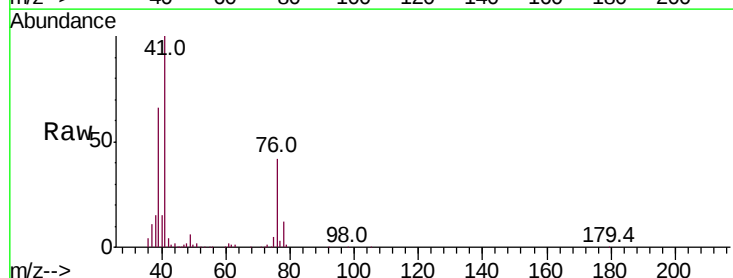
Tgt Ion: 41 Resp: 52186

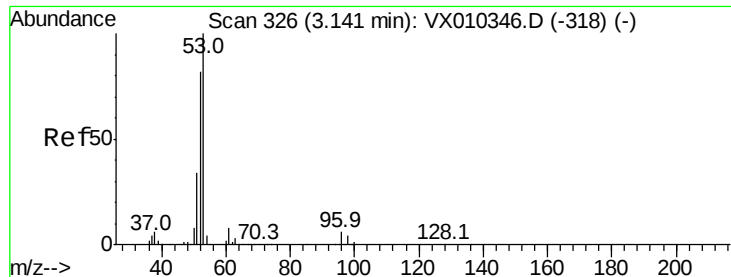
Ion Ratio Lower Upper

41 100

39 62.4 50.3 75.5

76 39.4 31.3 46.9





#15

Acrylonitrile

Concen: 102.038 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

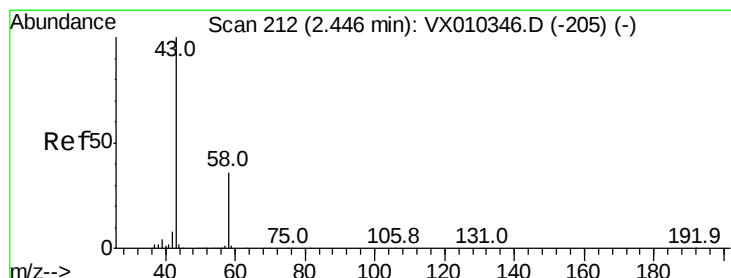
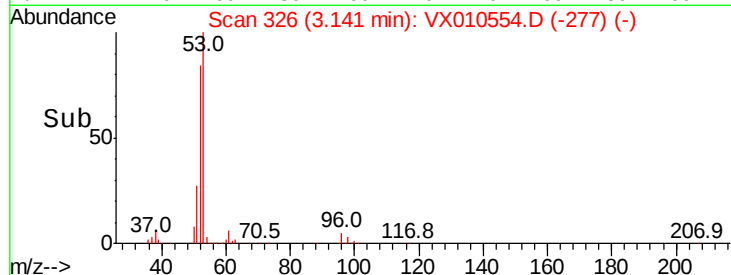
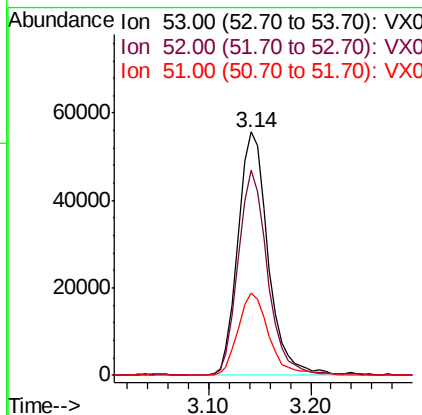
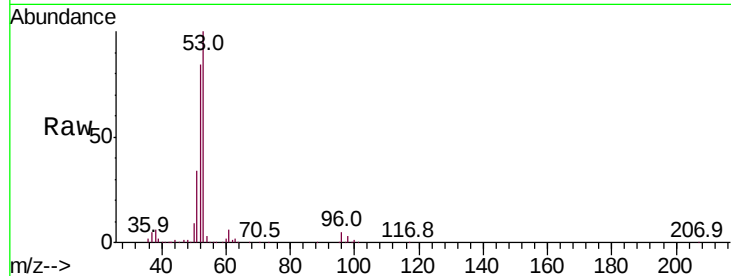
ClientSampled :

VX0628WBS02

Tot Ion:	53	Resp:	114293
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.5	98.3
51	34.5	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 85.655 ug/l

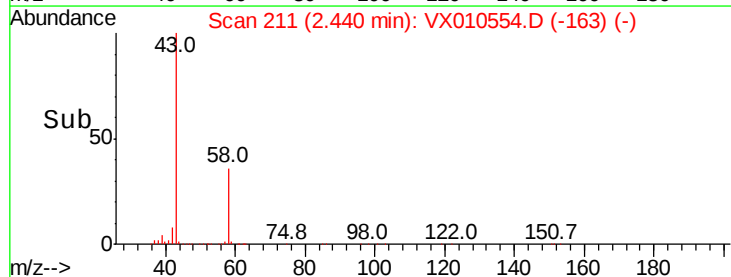
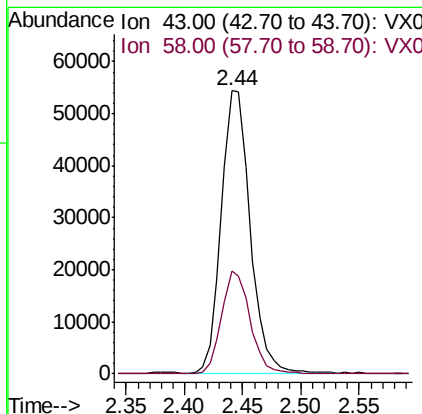
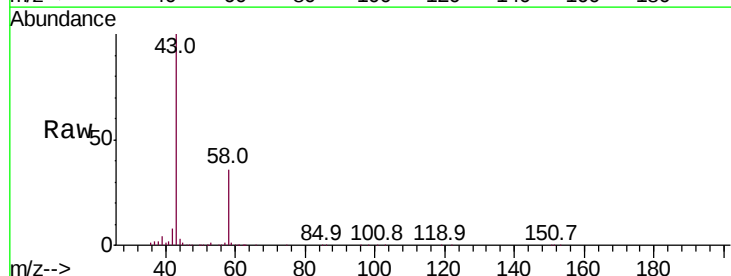
RT: 2.44 min Scan# 211

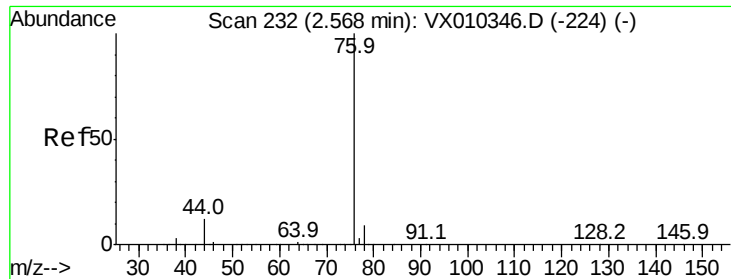
Delta R.T. -0.01 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Tgt Ion:	43	Resp:	92812
Ion Ratio	Lower	Upper	
43	100		
58	36.2	28.9	43.3





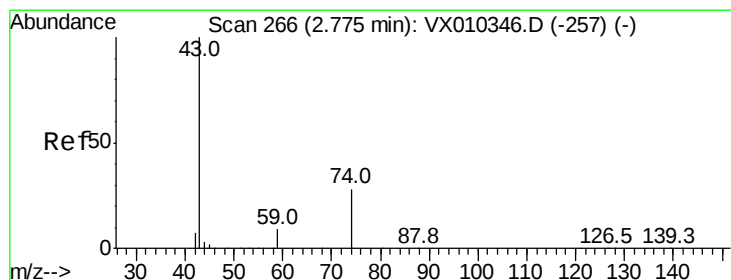
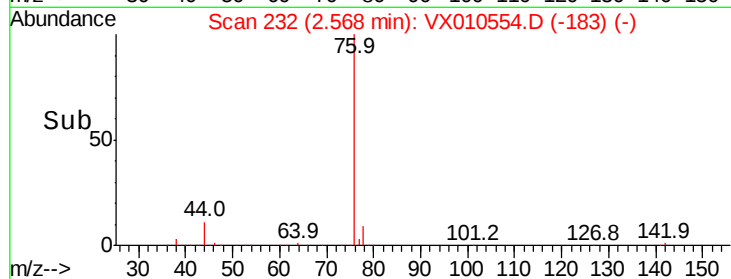
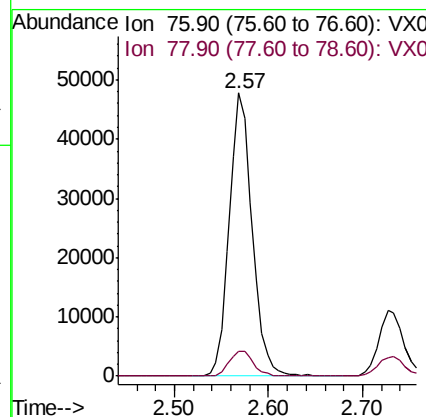
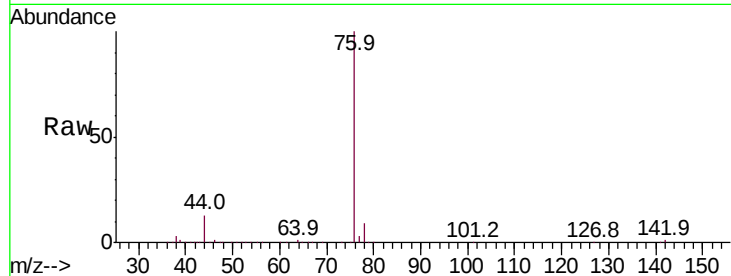
#17
Carbon Disulfide
Concen: 15.055 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

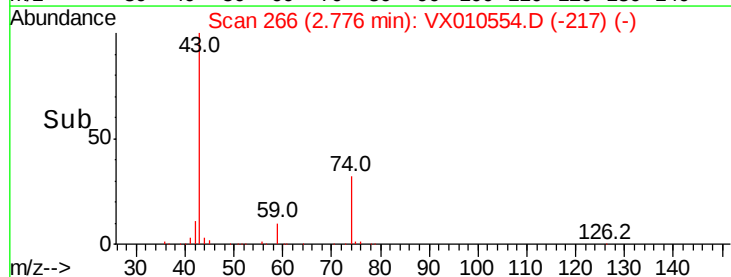
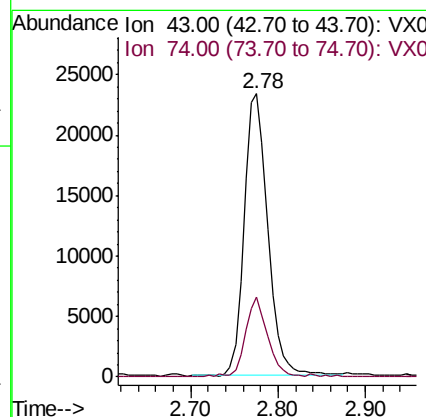
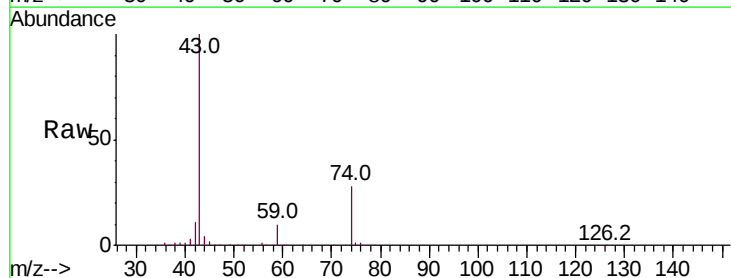
Manual Integrations
APPROVED

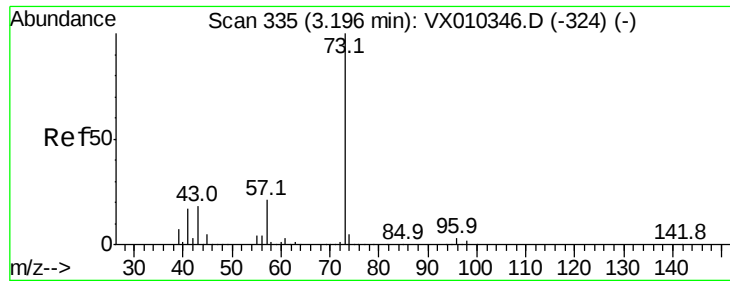
MMDadoda
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#18
Methyl Acetate
Concen: 20.319 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	21.3	31.9





#19

Methyl tert-butyl Ether

Concen: 19.931 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

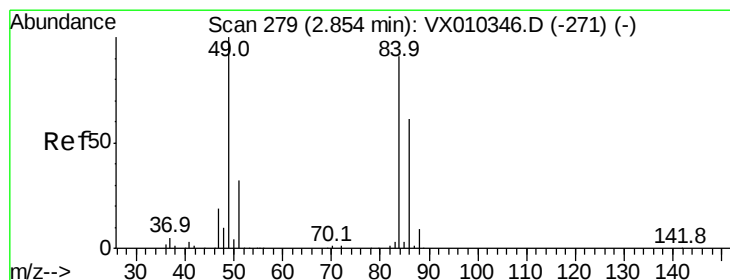
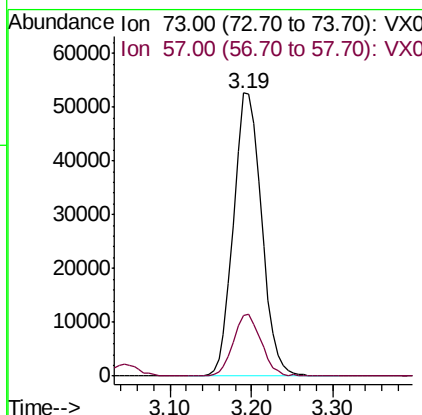
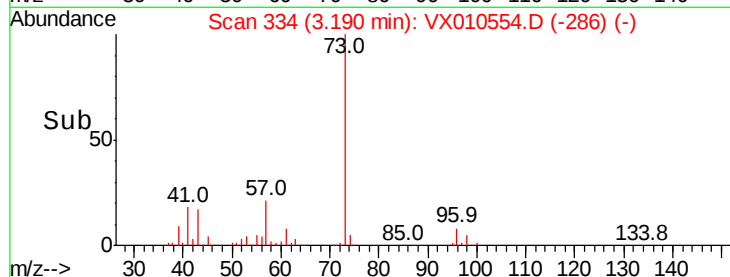
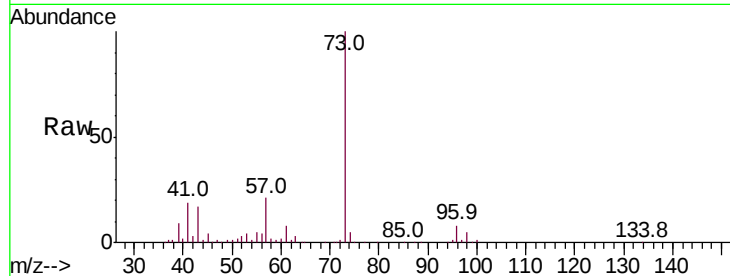
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion: 73 Resp: 125326

Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.4	24.6

Manual Integrations
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MMDadoda
7/1/2019 10:40:48 AM



#20

Methylene Chloride

Concen: 20.040 ug/l

RT: 2.86 min Scan# 280

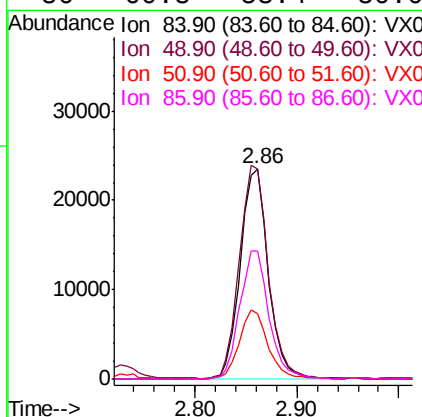
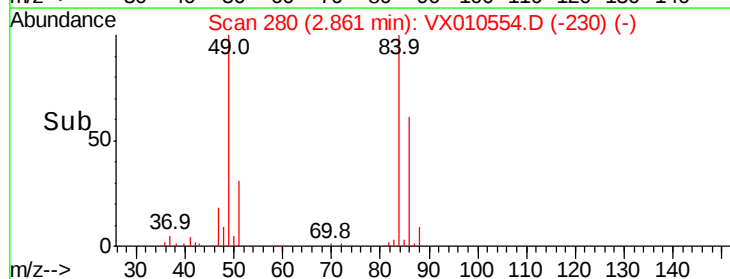
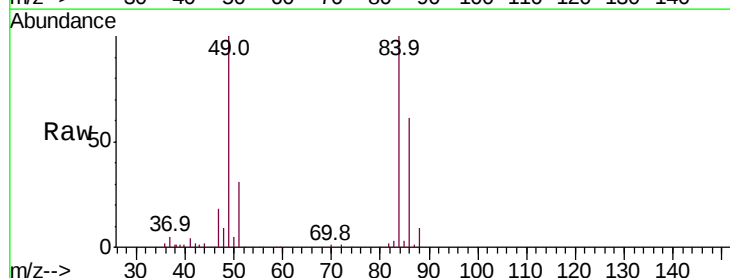
Delta R.T. 0.01 min

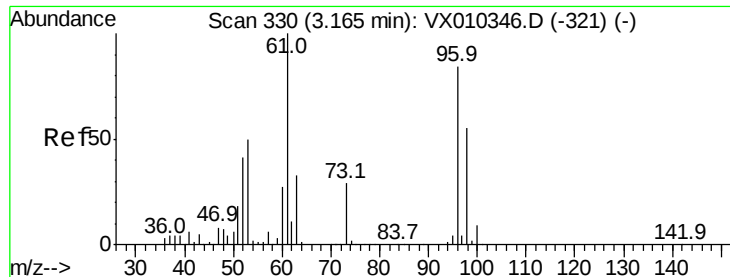
Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Tgt Ion: 84 Resp: 44688

Ion	Ratio	Lower	Upper
84	100		
49	99.6	87.5	131.3
51	30.6	27.7	41.5
86	60.8	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 18.753 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

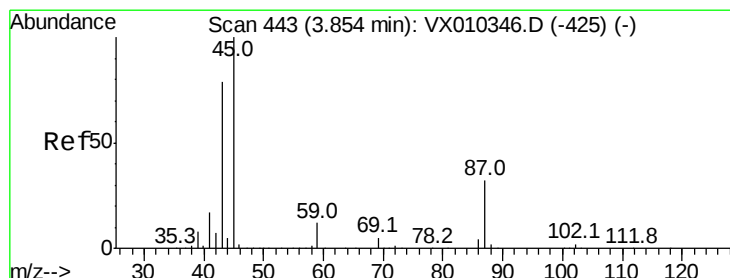
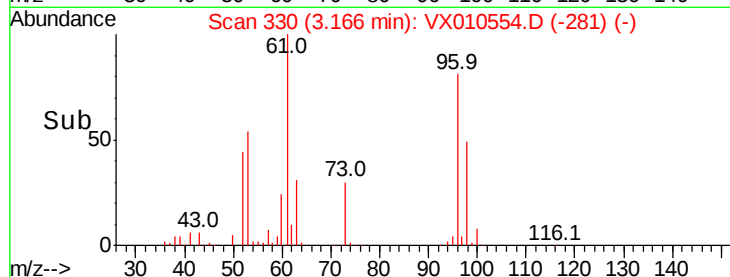
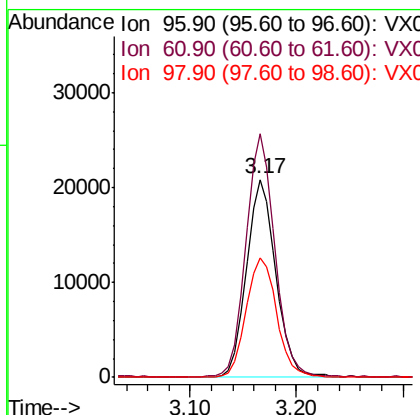
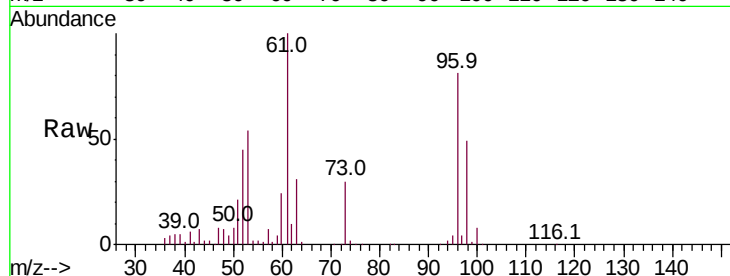
ClientSampleId :

VX0628WBS02

Tot Ion:	96	Resp:	40312
Ion	Ratio	Lower	Upper
96	100		
61	122.9	95.6	143.4
98	60.6	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.170 ug/l

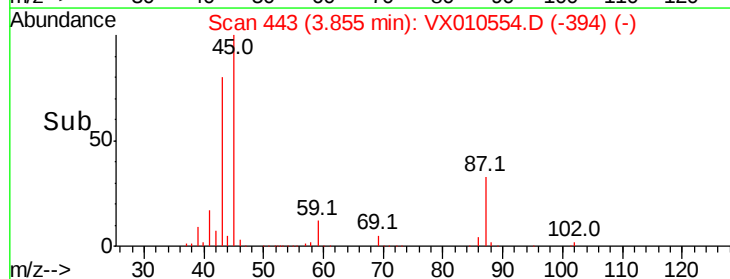
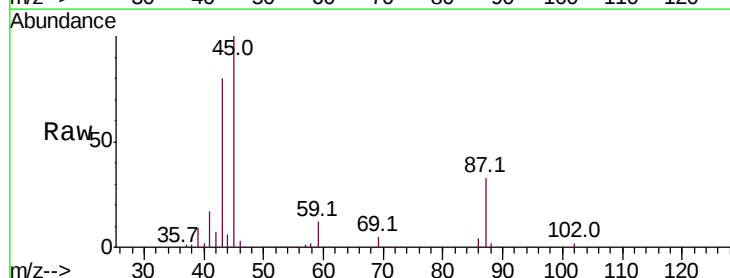
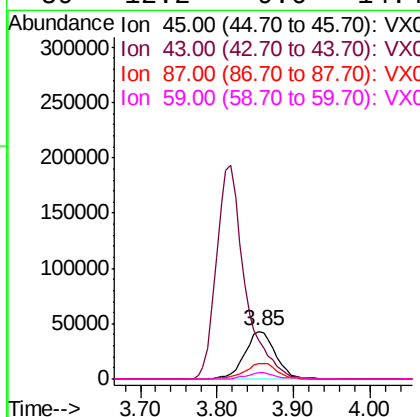
RT: 3.85 min Scan# 443

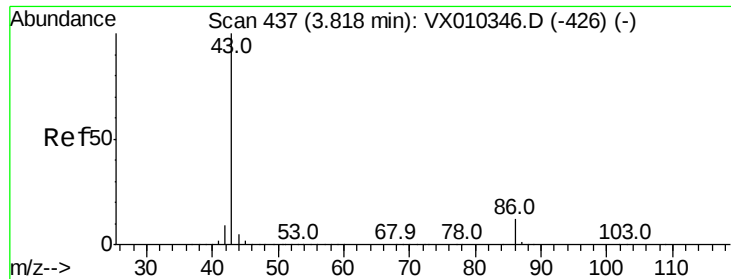
Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Tgt Ion:	45	Resp:	119664
Ion	Ratio	Lower	Upper
45	100		
43	79.4	63.3	94.9
87	33.4	25.8	38.8
59	12.2	9.6	14.4





#23

Vinyl Acetate

Concen: 97.438 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS02

Tot Ion: 43 Resp: 499405

Ion Ratio Lower Upper

43 100

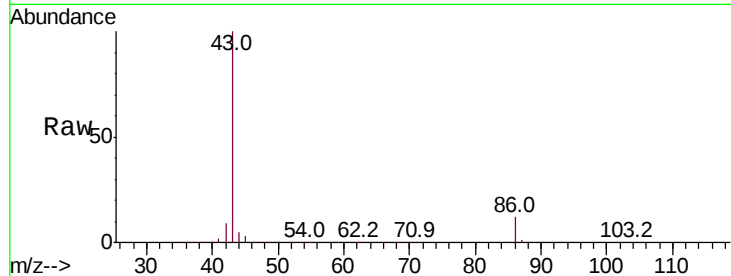
86 12.4 9.9 14.9

Manual Integrations

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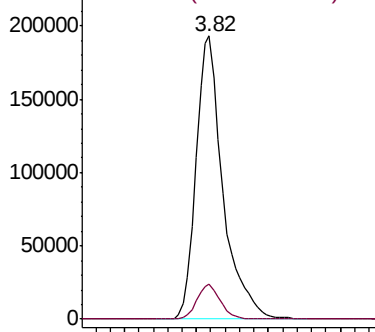
MMDadoda

7/1/2019 10:40:48 AM

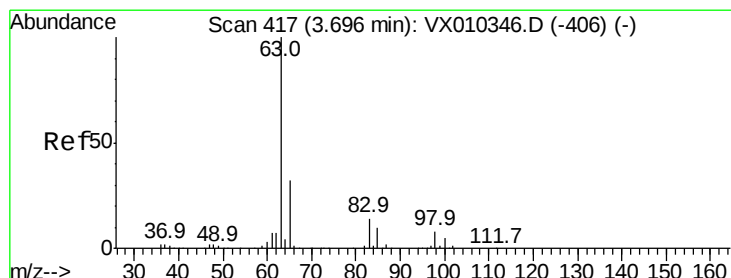
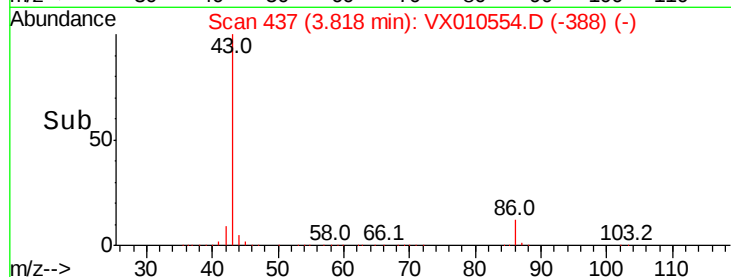


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 19.868 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

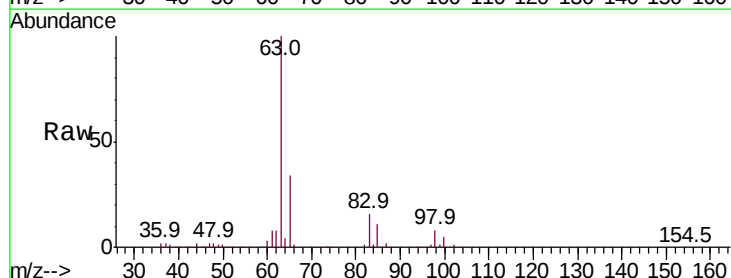
Tgt Ion: 63 Resp: 68135

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.7

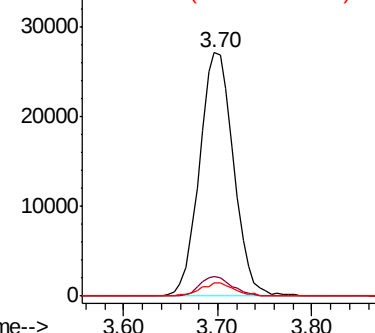
100 5.3 2.4 7.1



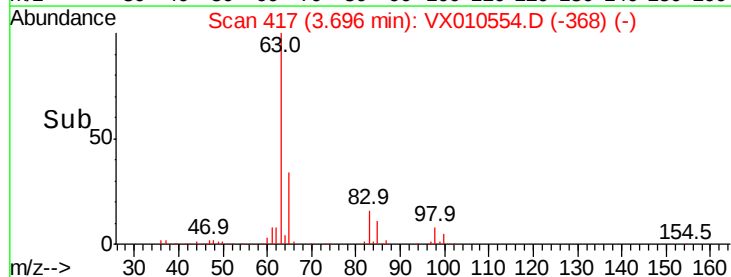
Abundance Ion 62.90 (62.60 to 63.60): VX0

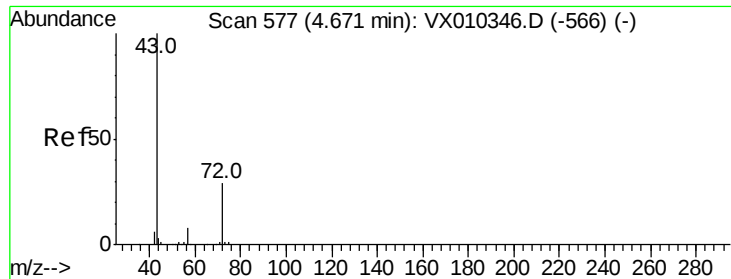
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 96.985 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS02

Tot Ion: 43 Resp: 154153

Ion Ratio Lower Upper

43 100

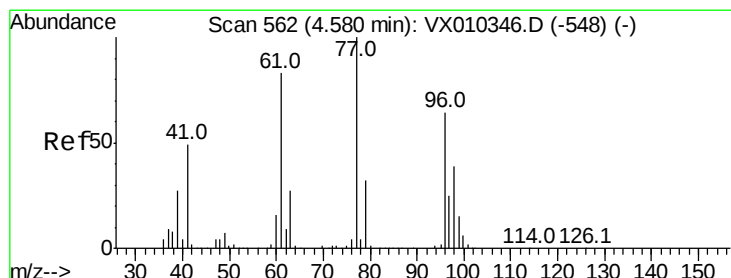
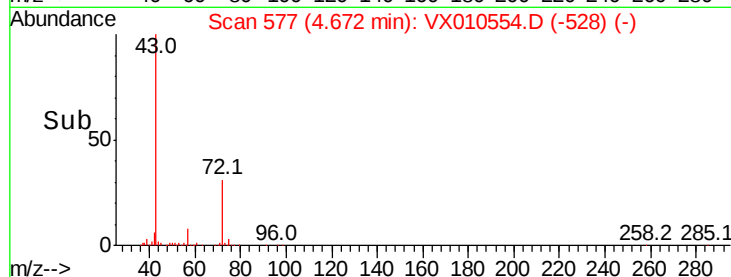
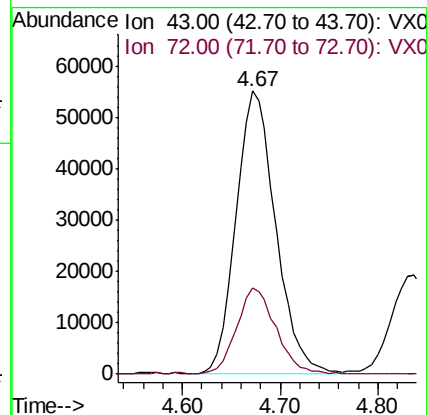
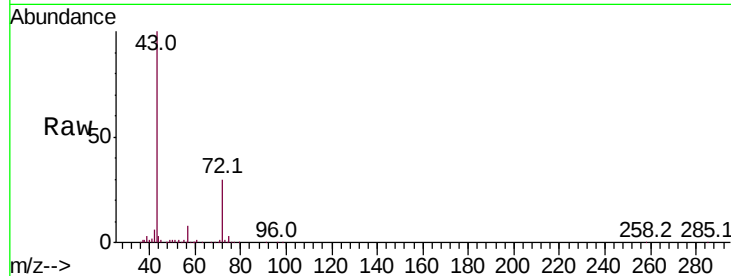
72 30.4 23.3 34.9

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 14.259 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010554.D

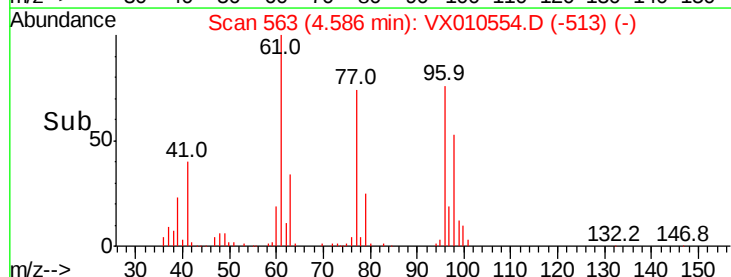
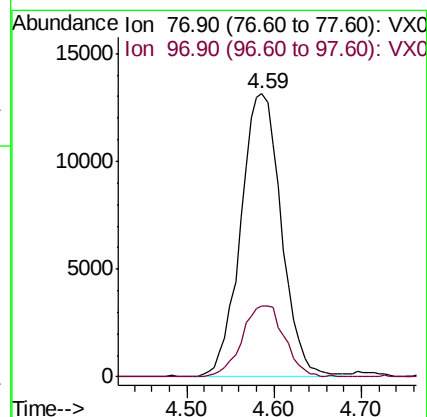
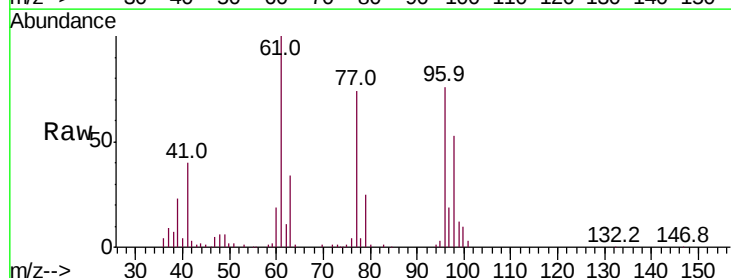
Acq: 28 Jun 2019 23:34

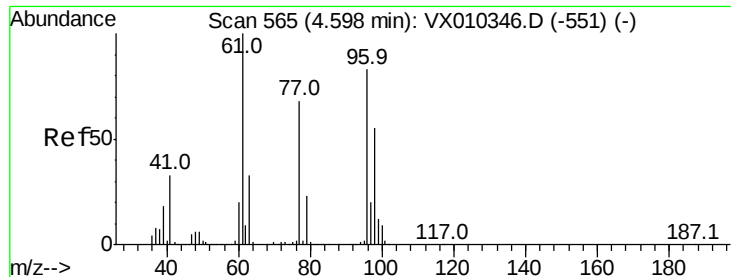
Tgt Ion: 77 Resp: 42479

Ion Ratio Lower Upper

77 100

97 26.2 13.1 39.3





#27

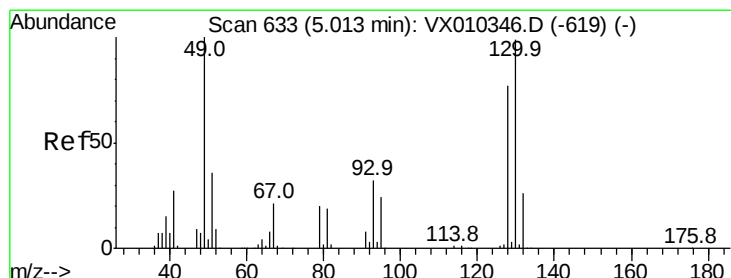
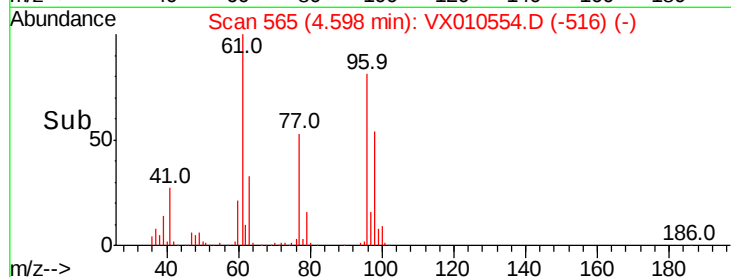
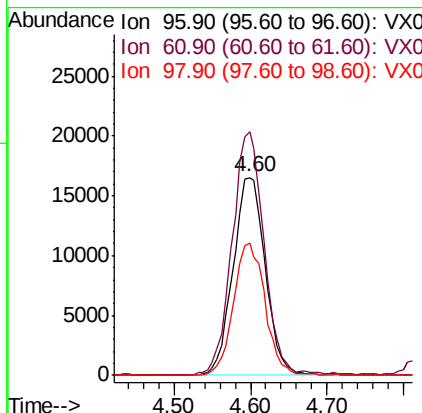
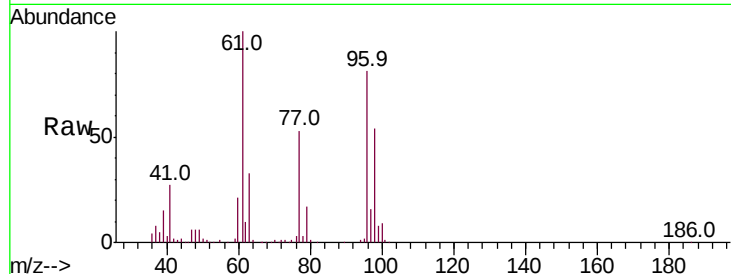
cis-1,2-Dichloroethene
Concen: 19.438 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.8	0.0	251.8
98	65.5	0.0	129.4

Manual Integrations
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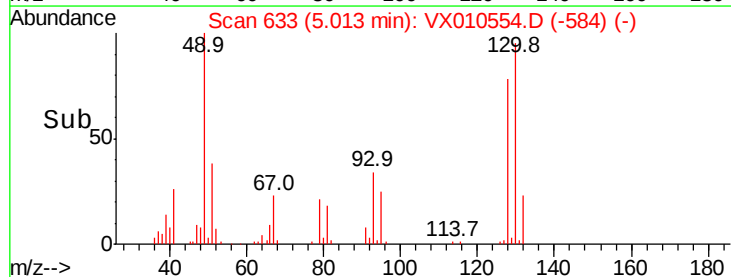
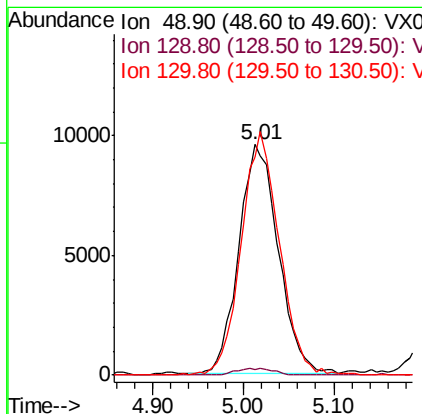
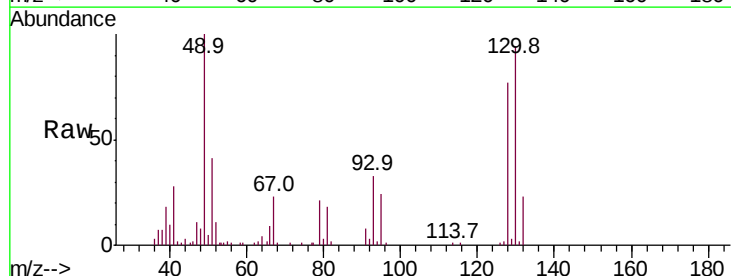
MMDadoda
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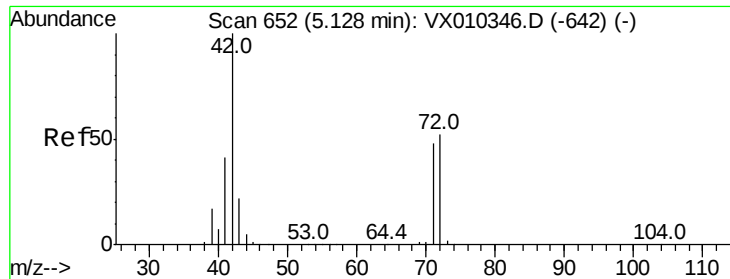


#28

Bromochloromethane
Concen: 17.677 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	102.1	81.4	122.0





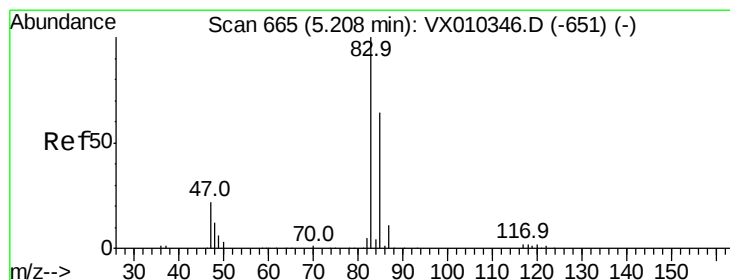
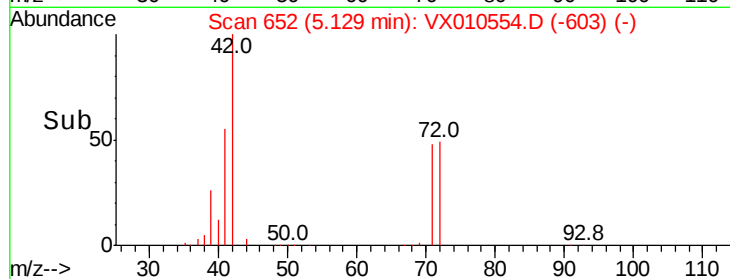
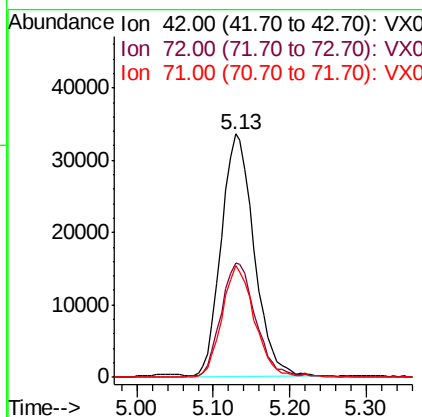
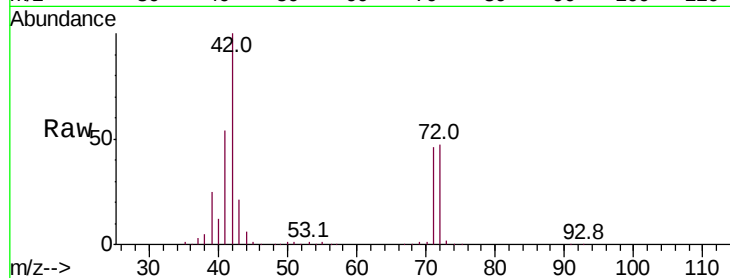
#29
Tetrahydrofuran
Concen: 101.120 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.4	40.6	60.8
71	45.4	37.8	56.8

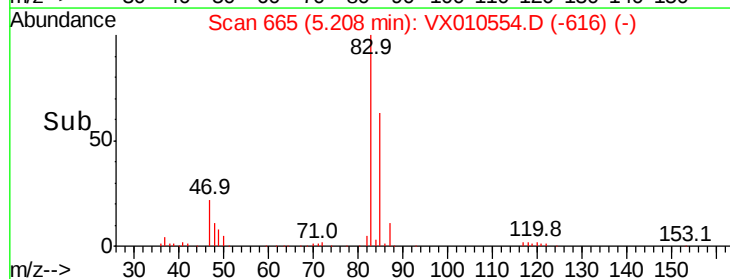
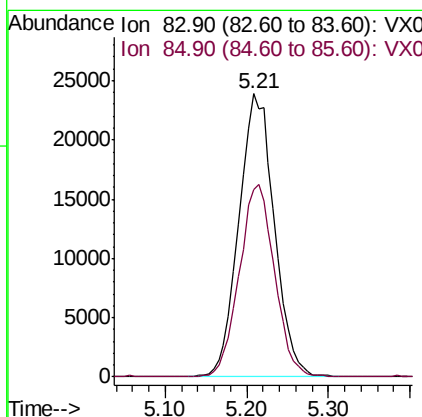
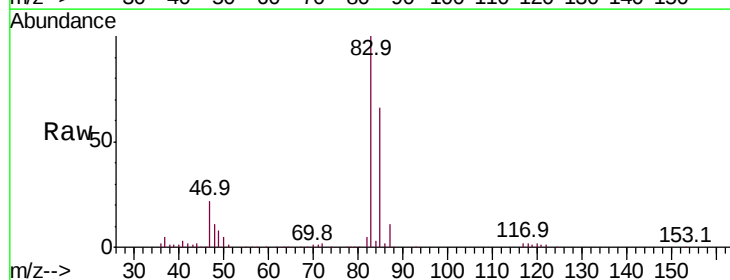
Manual Integrations
APPROVED

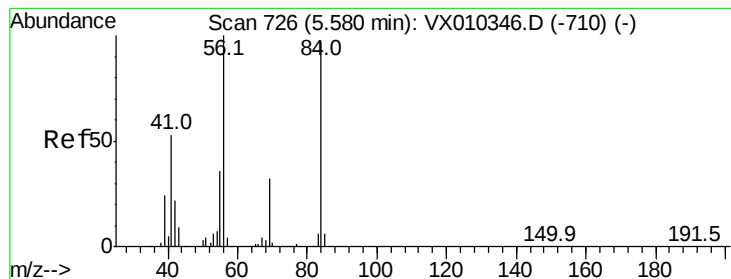
MMDadoda
7/1/2019 10:40:48 AM



#30
Chloroform
Concen: 19.583 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.9	76.3





#31

Cyclohexane

Concen: 18.441 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

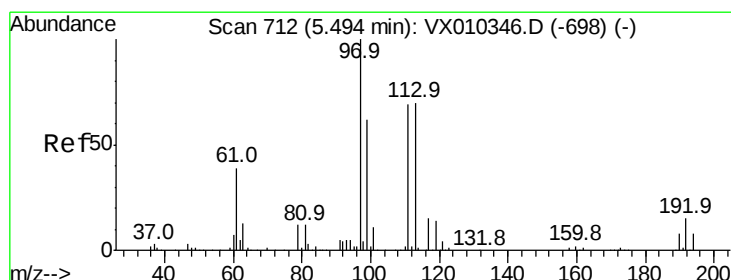
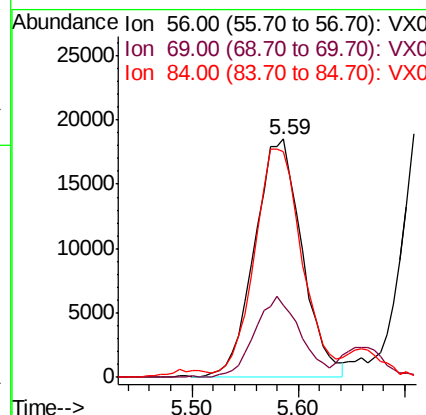
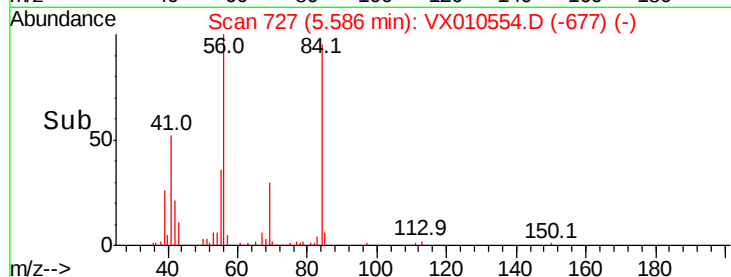
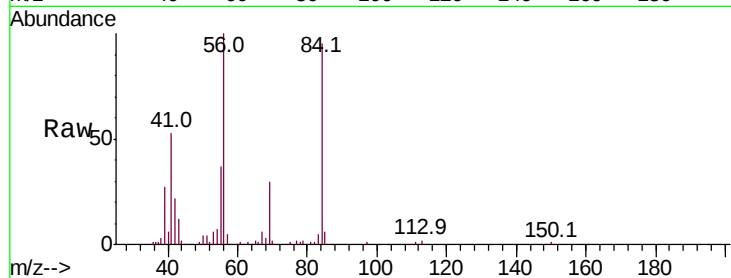
ClientSampleId :

VX0628WBS02

Tot Ion:	56	Resp:	57590
Ion	Ratio	Lower	Upper
56	100		
69	29.5	25.9	38.9
84	92.3	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.397 ug/l

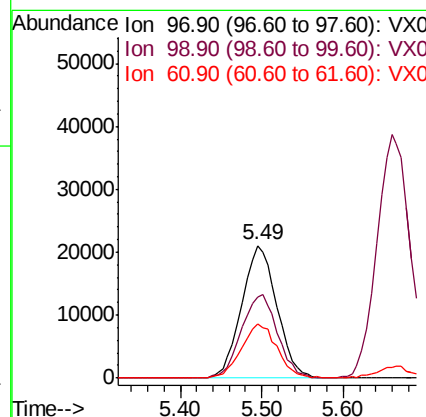
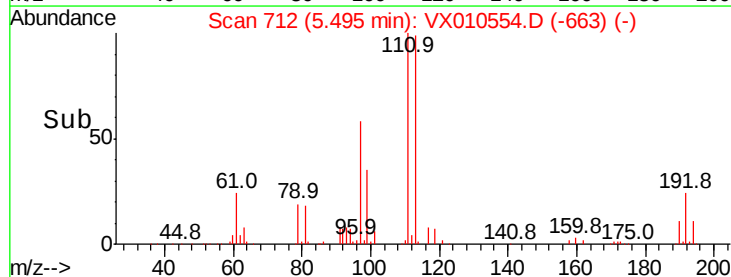
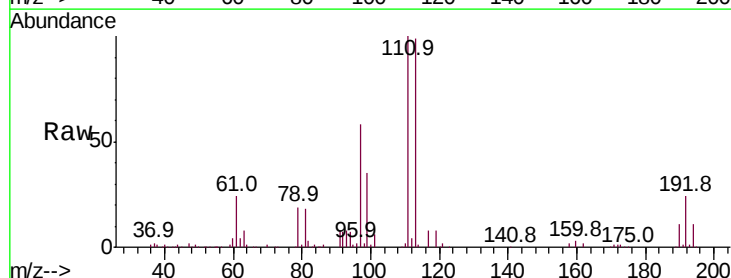
RT: 5.49 min Scan# 712

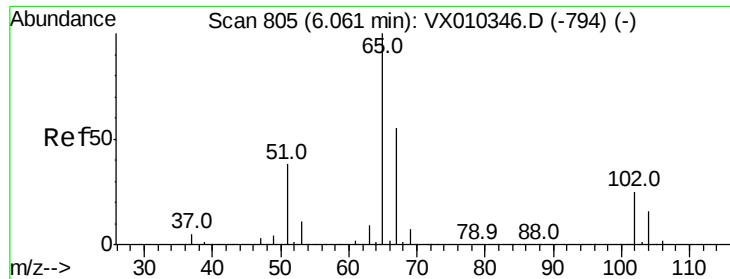
Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Tgt Ion:	97	Resp:	63199
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.8	77.8
61	41.7	32.1	48.1





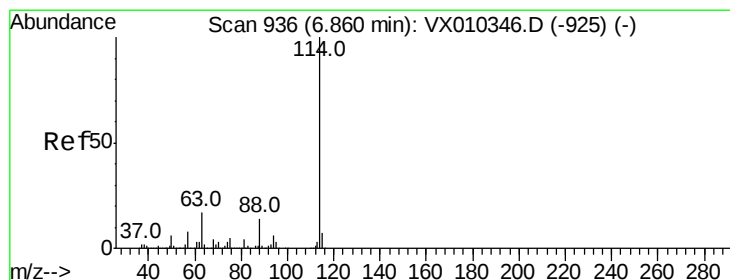
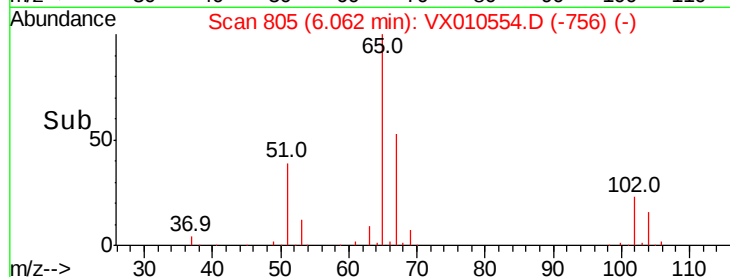
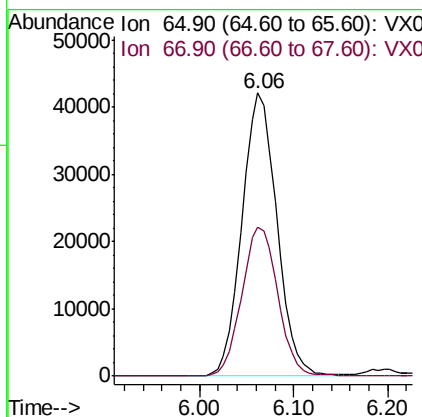
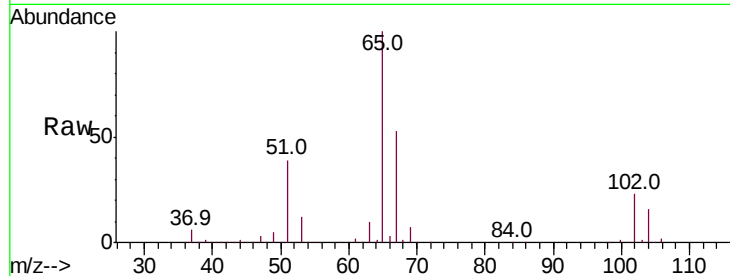
#33
 1,2-Dichloroethane-d4
 Concen: 50.489 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109160		
67	54.3	0.0	110.2	

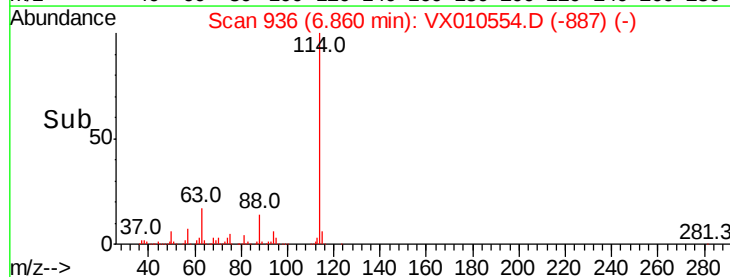
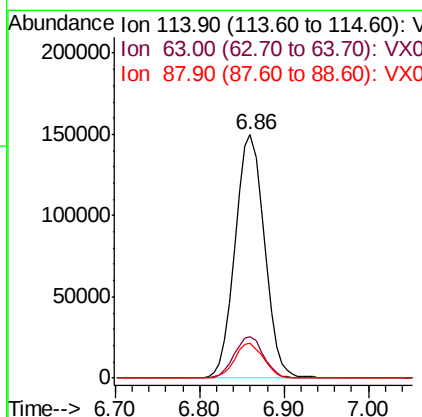
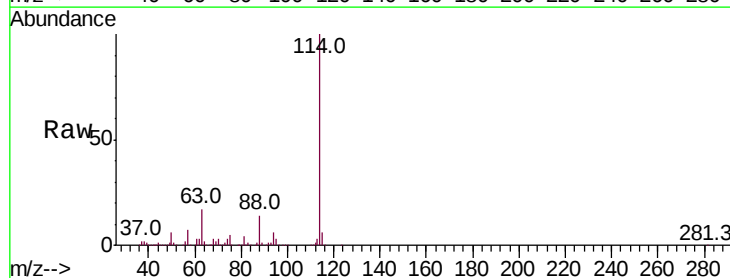
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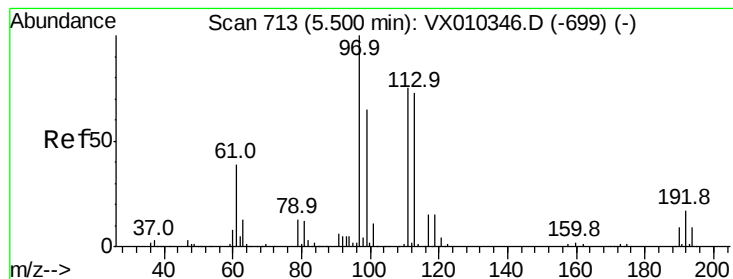
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	351673		
63	17.0	0.0	33.8	
88	14.3	0.0	27.6	





#35

Dibromofluoromethane

Concen: 48.887 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

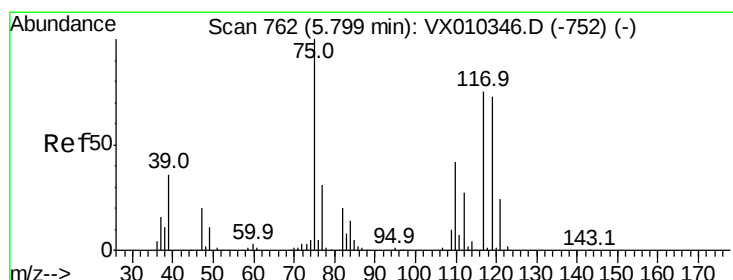
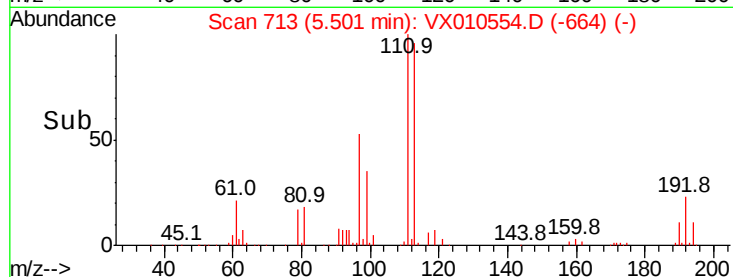
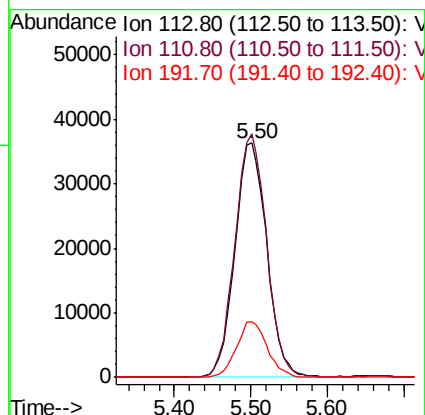
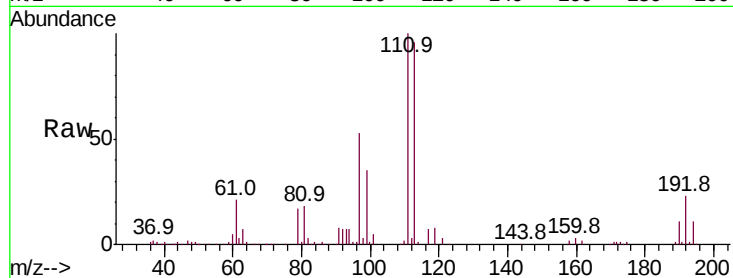
ClientSampled :

VX0628WBS02

Tot Ion:	113	Resp:	105189
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.2	121.8
192	22.9	18.6	27.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.899 ug/l

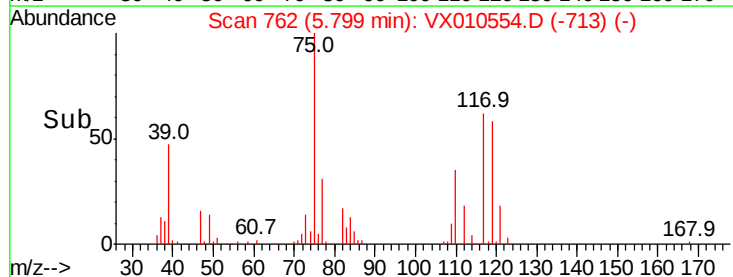
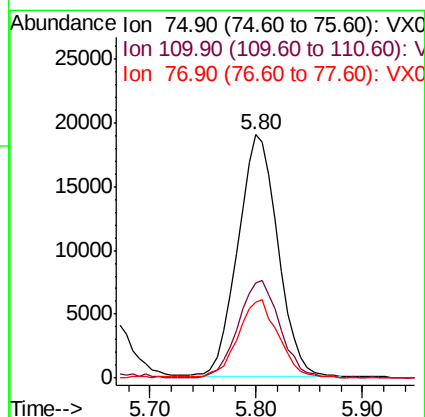
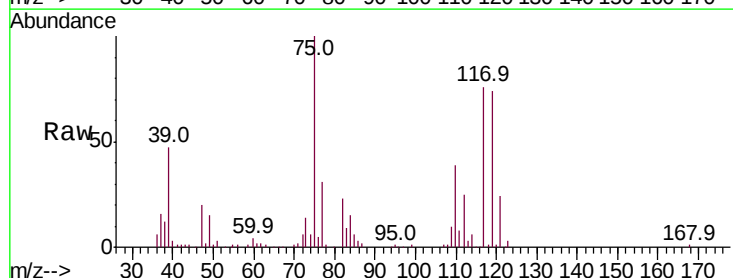
RT: 5.80 min Scan# 762

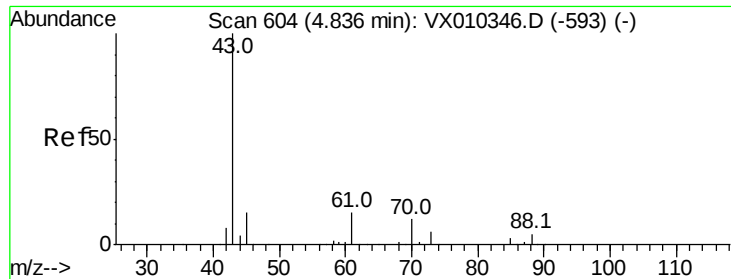
Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Tgt Ion:	75	Resp:	50020
Ion Ratio	Lower	Upper	
75	100		
110	42.1	20.8	62.2
77	32.8	25.4	38.0





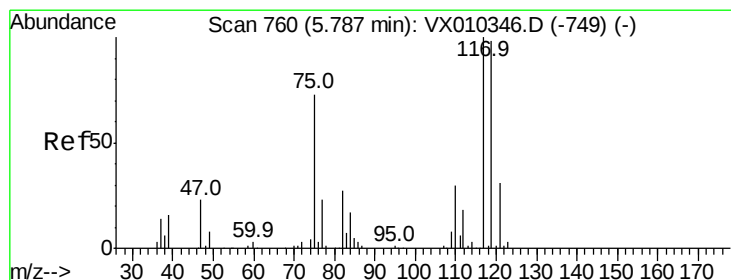
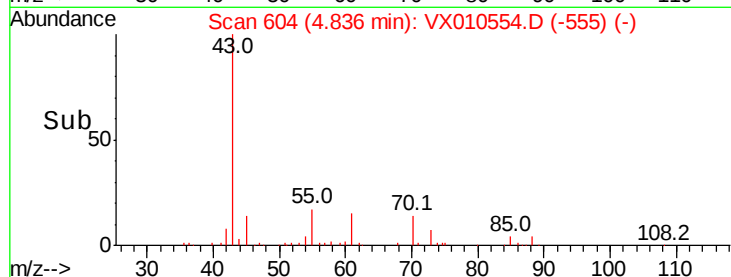
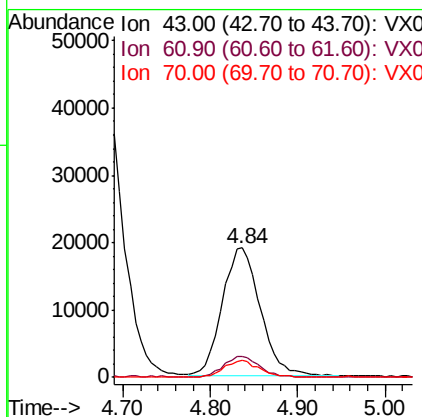
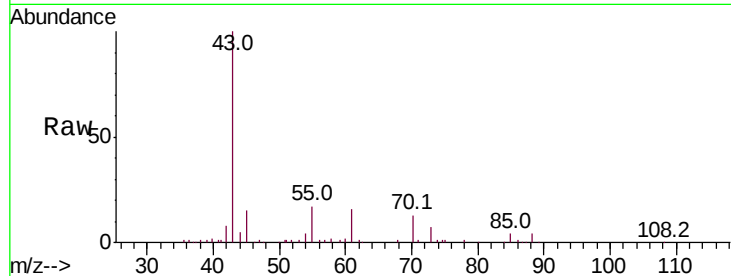
#37
Ethyl Acetate
Concen: 19.850 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.4	18.6
70	12.5	9.8	14.8

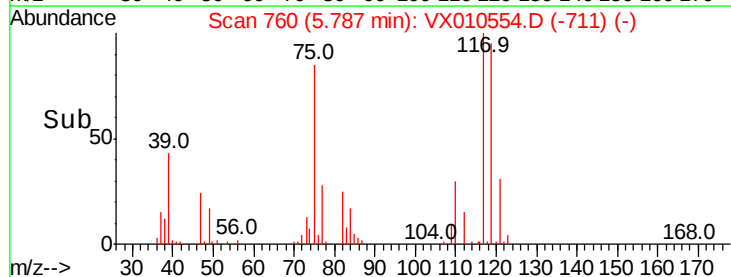
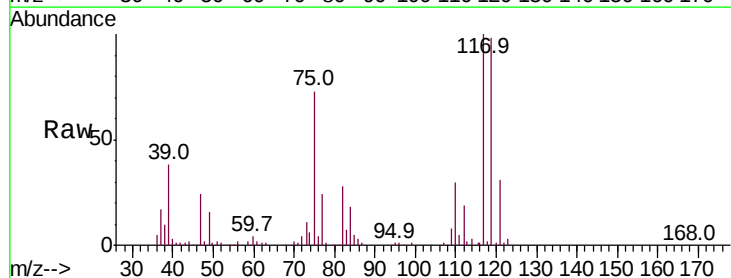
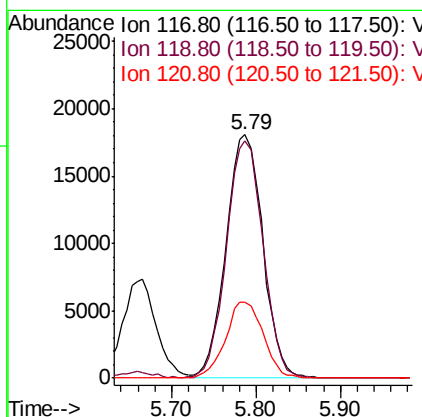
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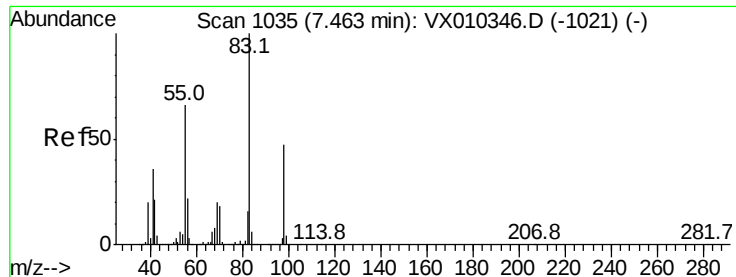
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#38
Carbon Tetrachloride
Concen: 17.661 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.2	117.4
121	31.3	24.7	37.1





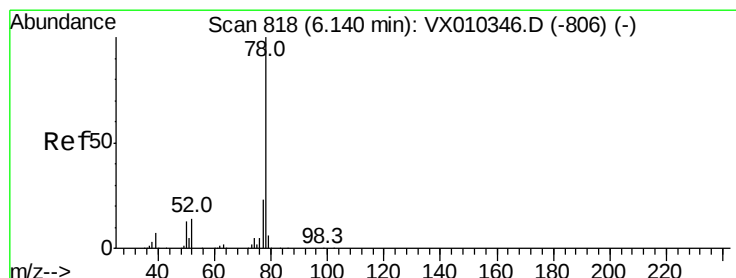
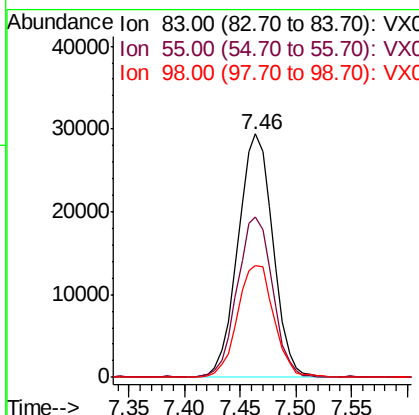
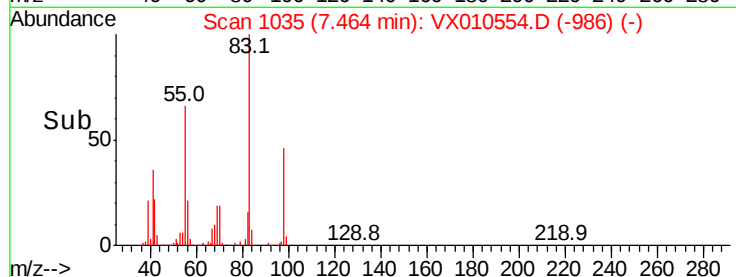
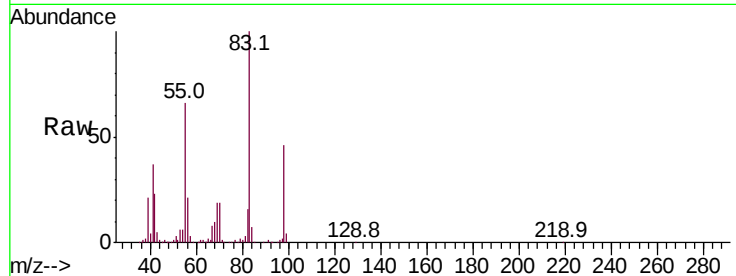
#39
Methvlcvclohexane
Concen: 17.486 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.8	53.0	79.6
98	46.0	37.8	56.8

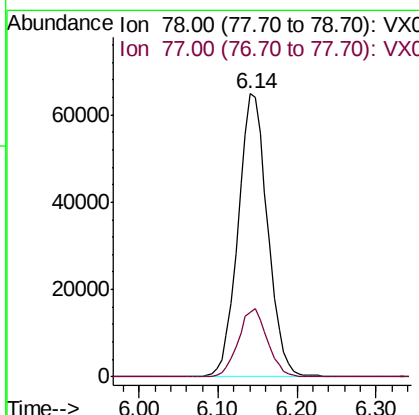
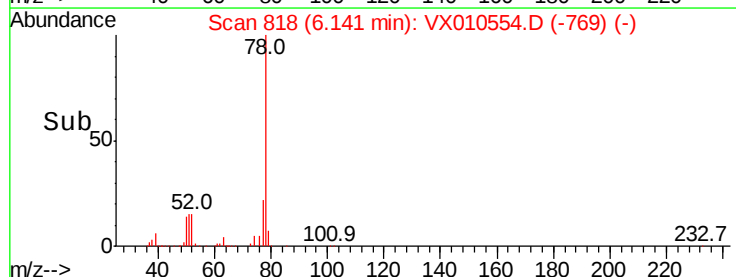
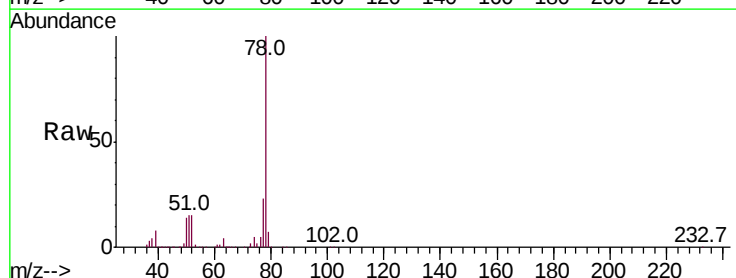
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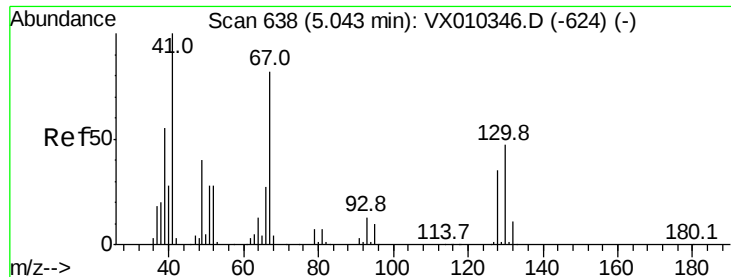
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#40
Benzene
Concen: 19.373 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	28.0





#41

Methacrylonitrile

Concen: 19.570 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion: 41 Resp: 30871

Ion Ratio Lower Upper

41 100

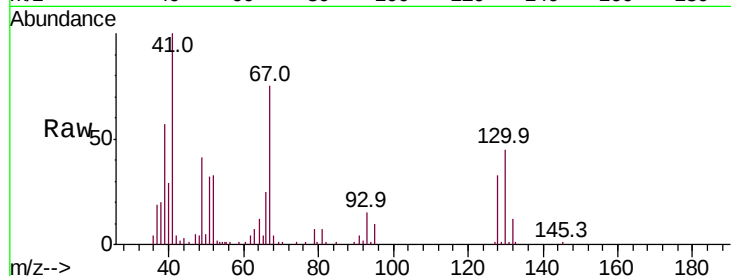
39 57.3 43.8 65.8

67 82.7 66.6 100.0

52 34.3 24.5 36.7

Manual Integrations
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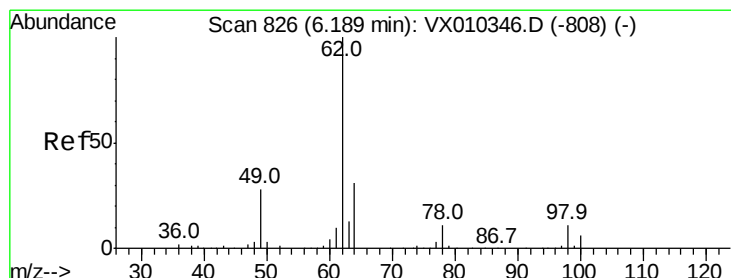
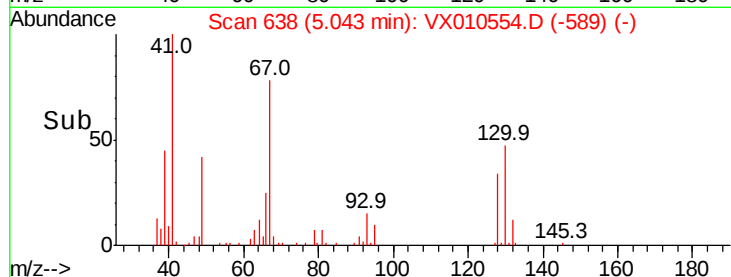
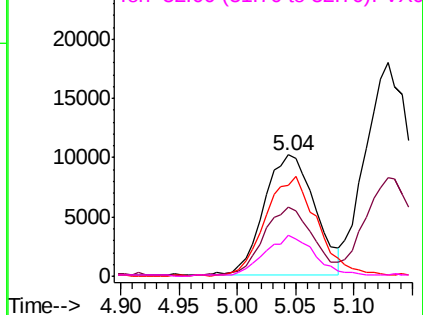


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.586 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010554.D

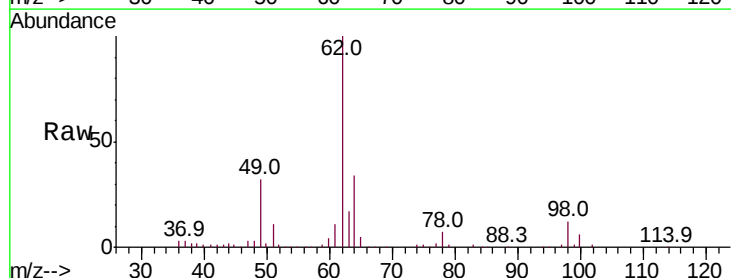
Acq: 28 Jun 2019 23:34

Tgt Ion: 62 Resp: 54559

Ion Ratio Lower Upper

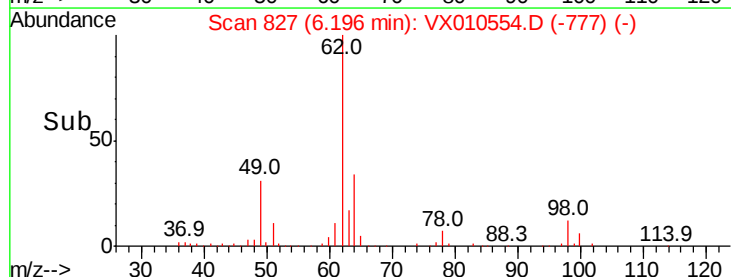
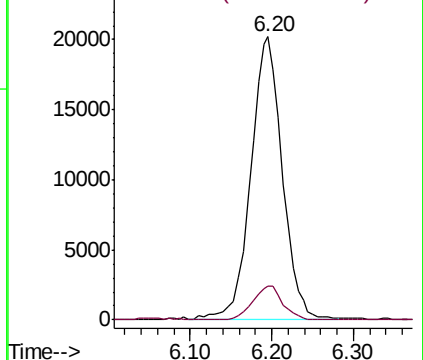
62 100

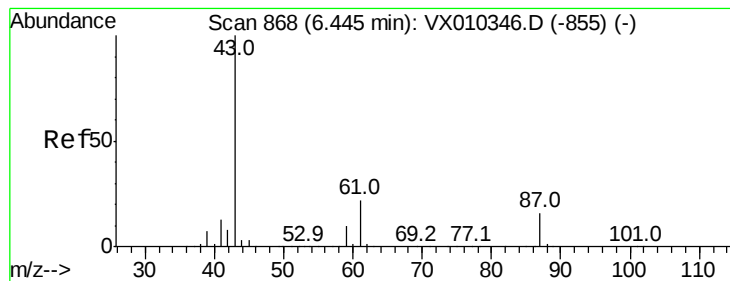
98 11.3 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

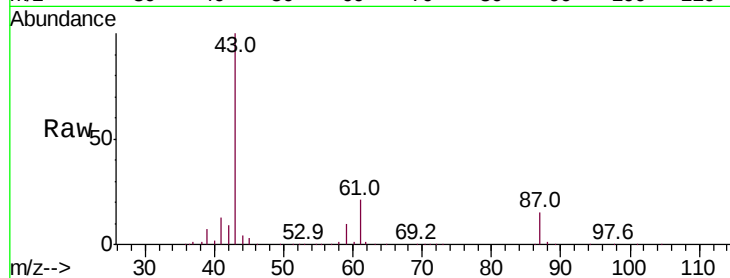
Isopropyl Acetate
 Concen: 19.398 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

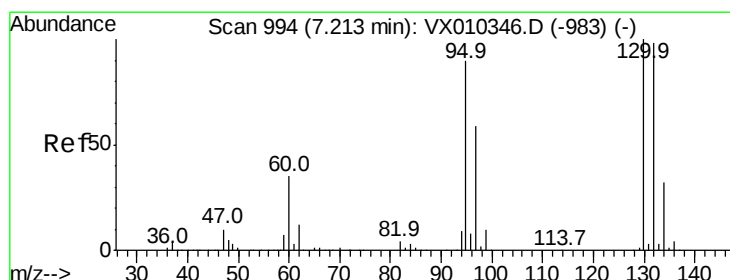
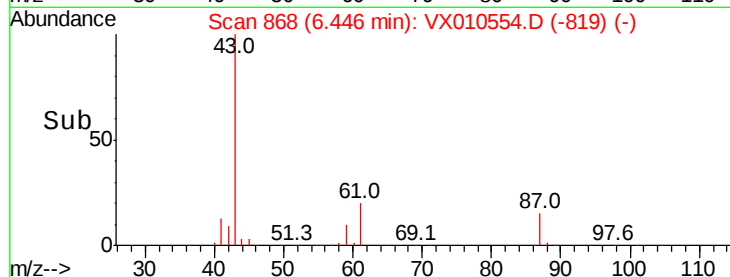
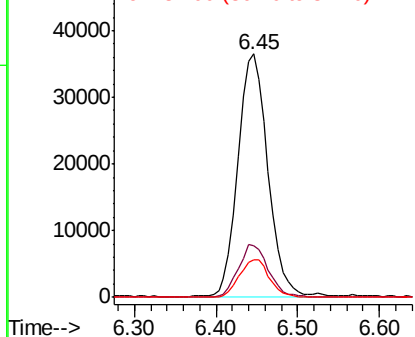
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.8	26.6
87	15.6	13.0	19.4

Manual Integrations
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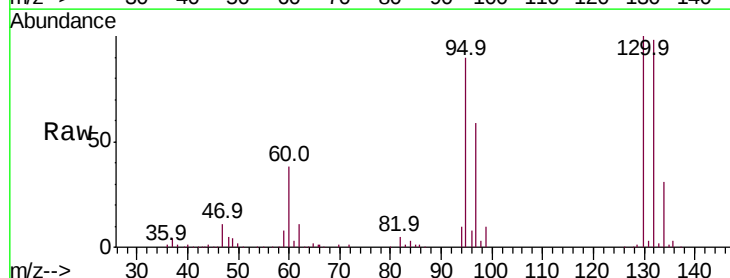
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



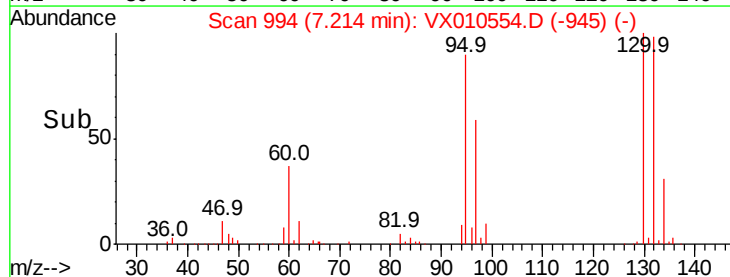
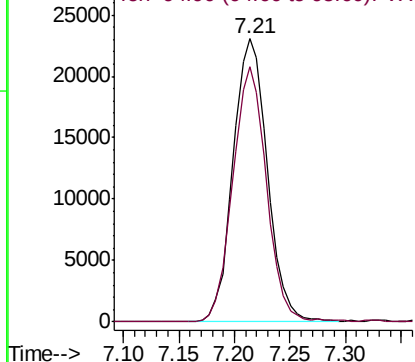
#44

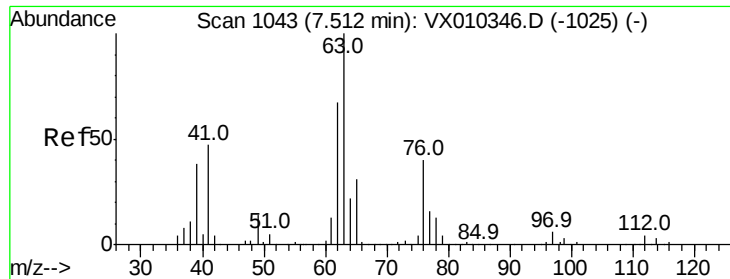
Trichloroethene
 Concen: 18.922 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.460 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion: 63 Resp: 42785

Ion Ratio Lower Upper

63 100

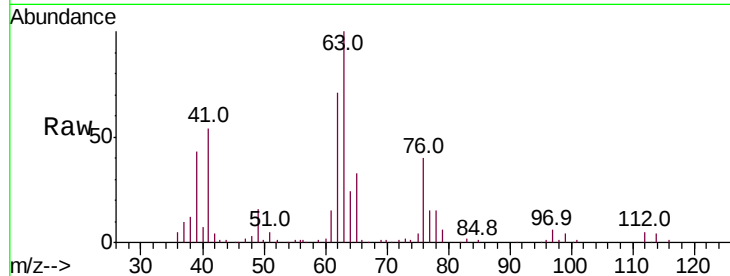
65 32.9 24.8 37.2

Manual Integrations

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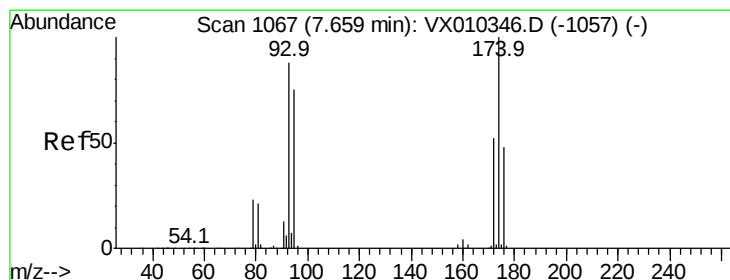
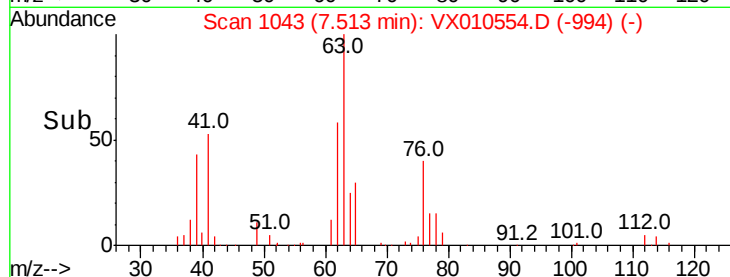
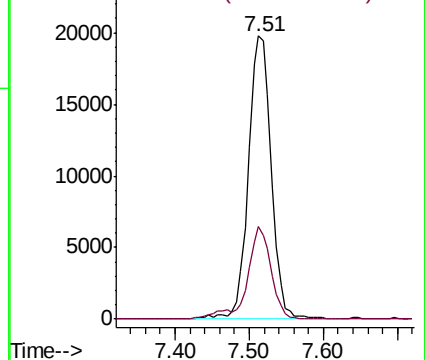
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.524 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

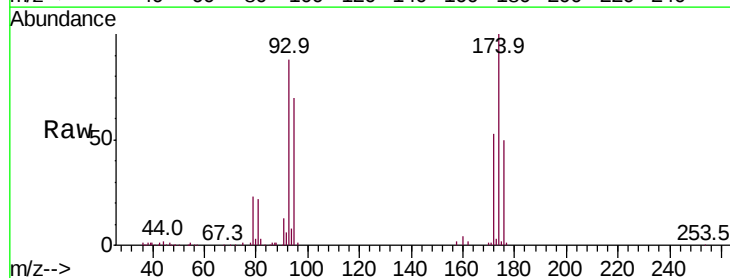
Tgt Ion: 93 Resp: 30798

Ion Ratio Lower Upper

93 100

95 82.2 67.5 101.3

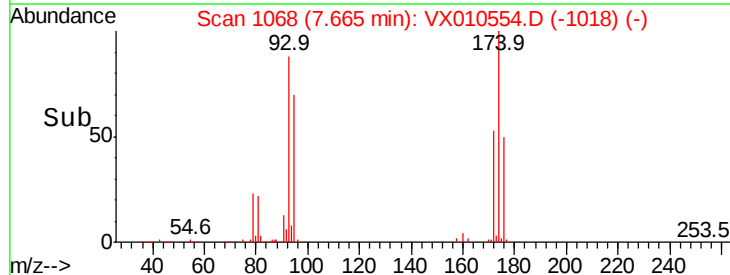
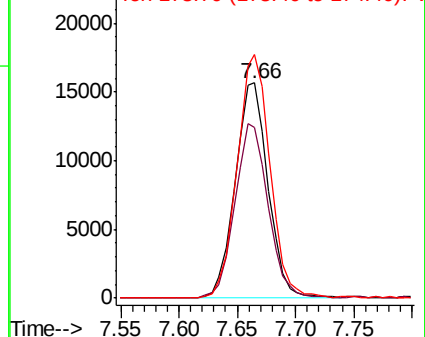
174 113.9 95.8 143.6

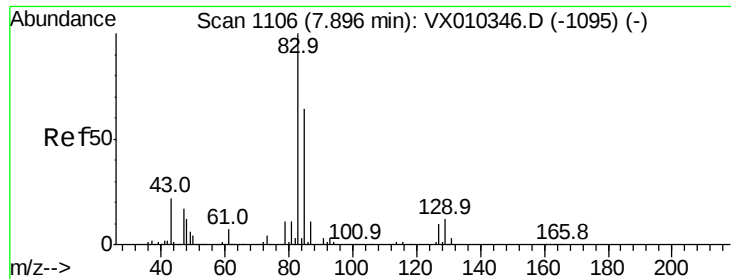


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.190 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

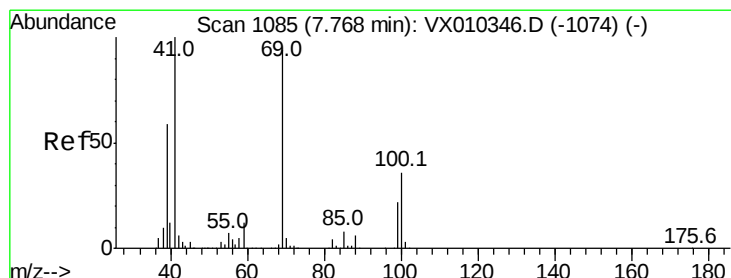
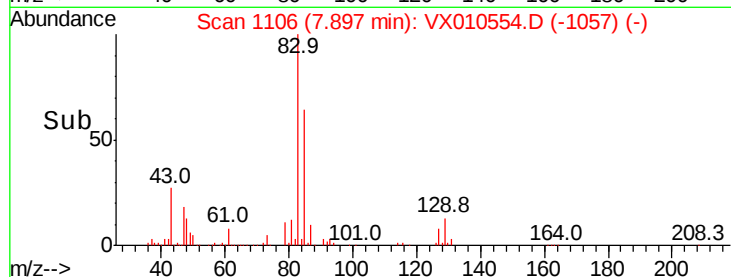
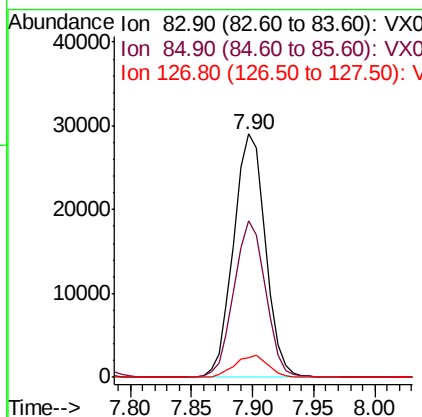
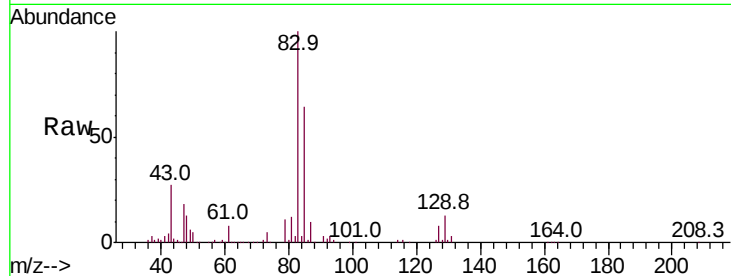
ClientSampleId :

VX0628WBS02

Tot Ion:	83	Resp:	52586
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.5	77.3
127	8.2	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.593 ug/l

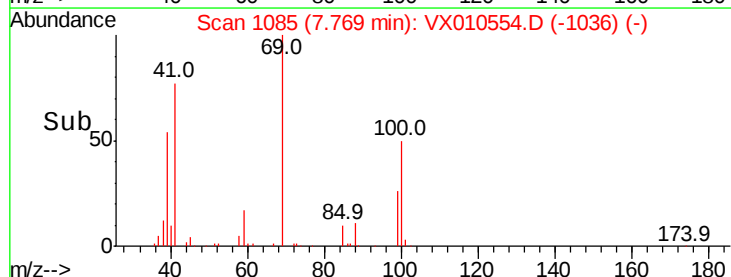
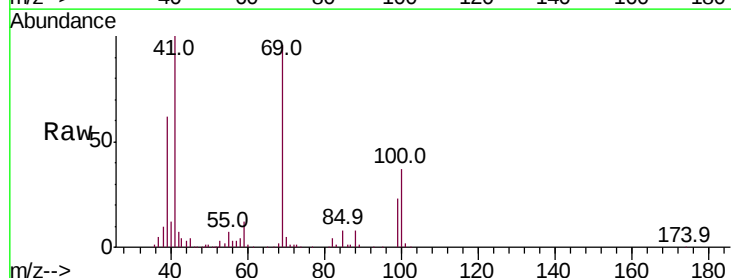
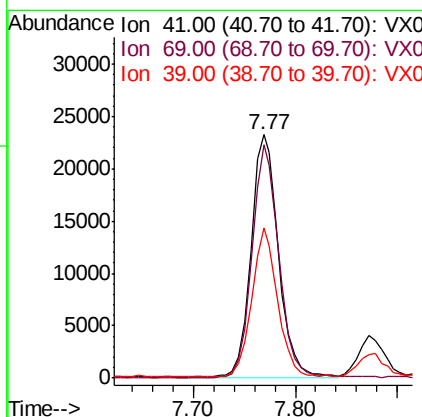
RT: 7.77 min Scan# 1085

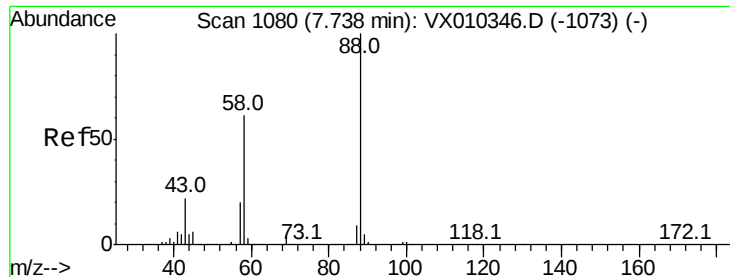
Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Tgt Ion:	41	Resp:	43319
Ion	Ratio	Lower	Upper
41	100		
69	95.4	76.1	114.1
39	57.7	47.6	71.4





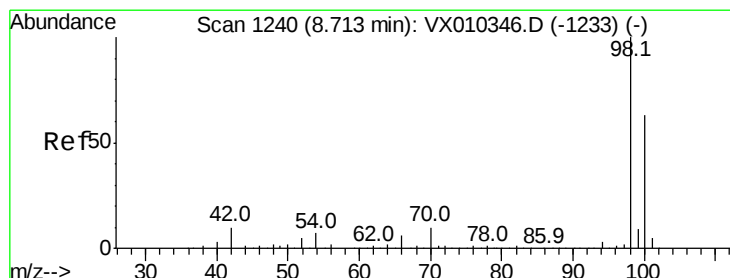
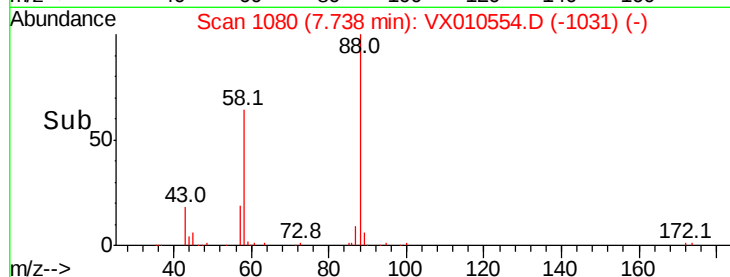
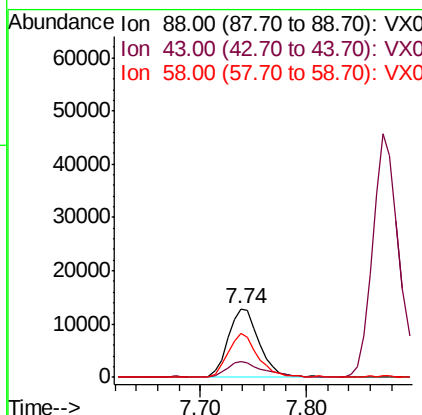
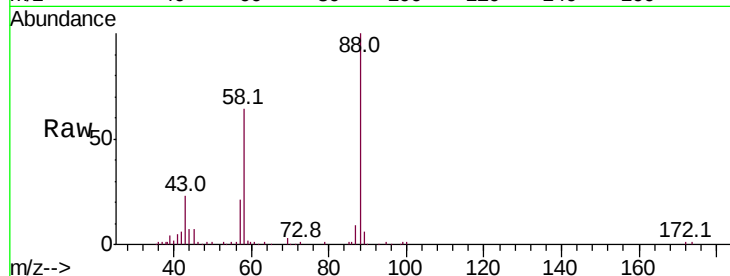
#49
1,4-Dioxane
Concen: 413.277 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.8	20.2	30.2
58	64.0	49.5	74.3

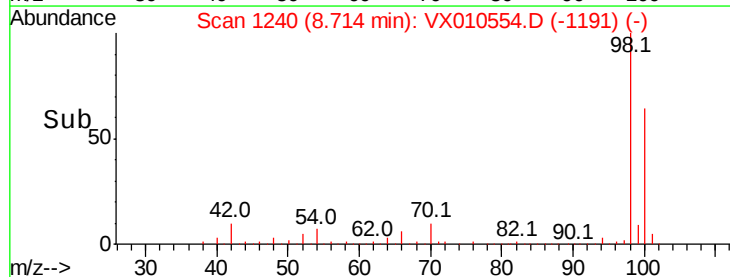
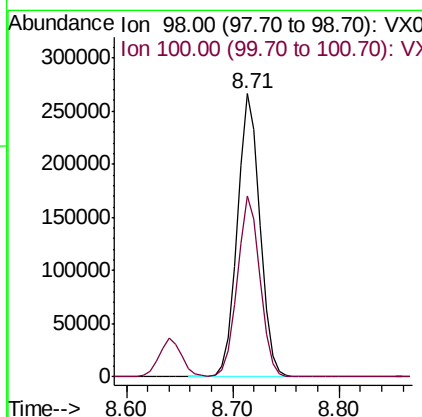
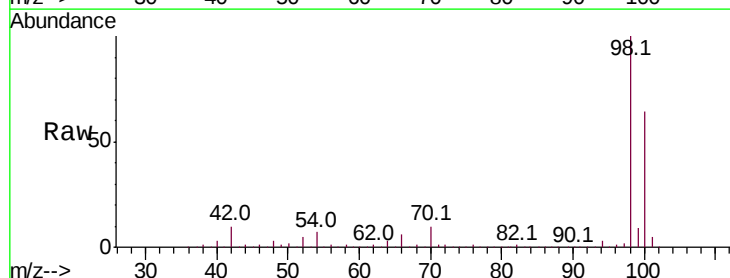
Manual Integrations
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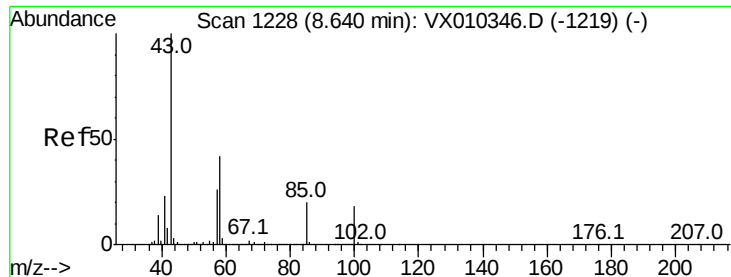
MMDadoda
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#50
Toluene-d8
Concen: 48.294 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 101.332 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS02

Tot Ion: 43 Resp: 308263

Ion Ratio Lower Upper

43 100

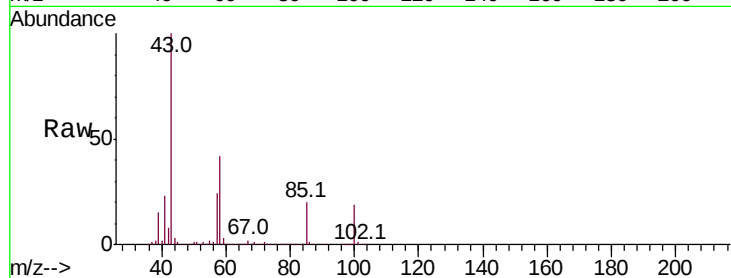
58 41.0 33.5 50.3

Manual Integrations

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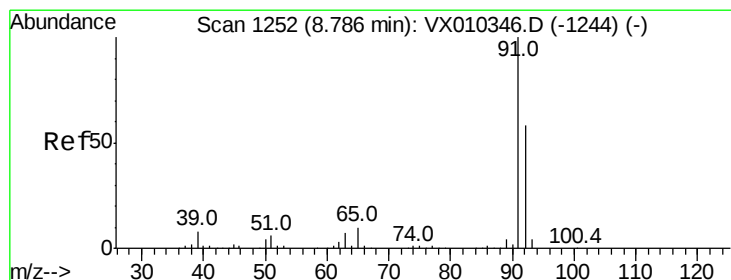
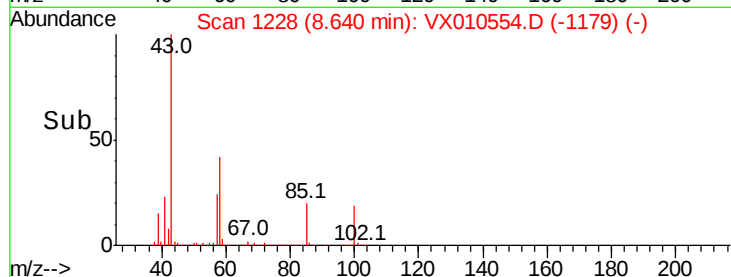
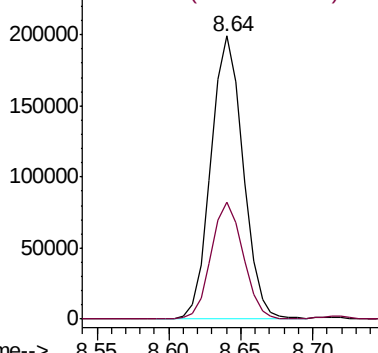
MMDadoda

7/1/2019 10:40:48 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.056 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010554.D

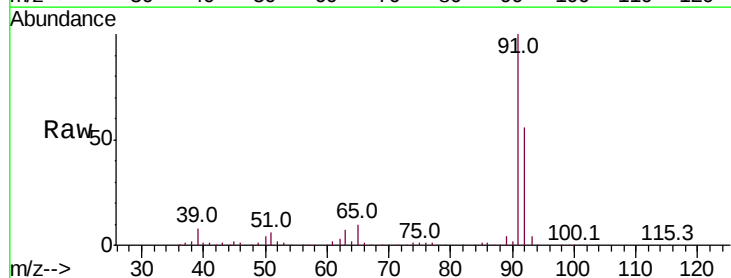
Acq: 28 Jun 2019 23:34

Tgt Ion: 92 Resp: 109259

Ion Ratio Lower Upper

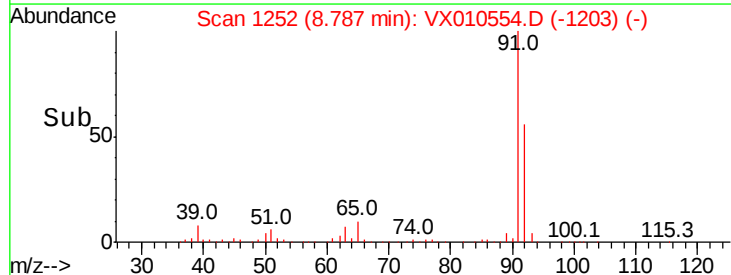
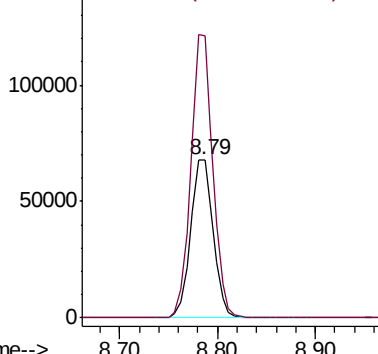
92 100

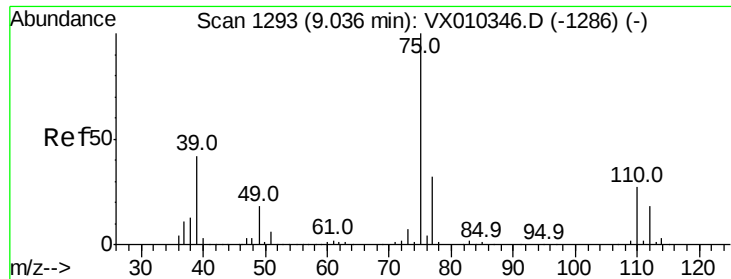
91 172.8 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





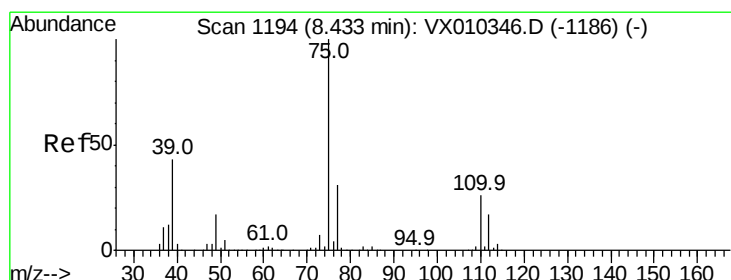
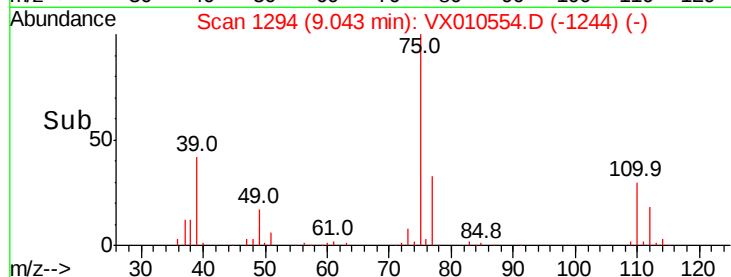
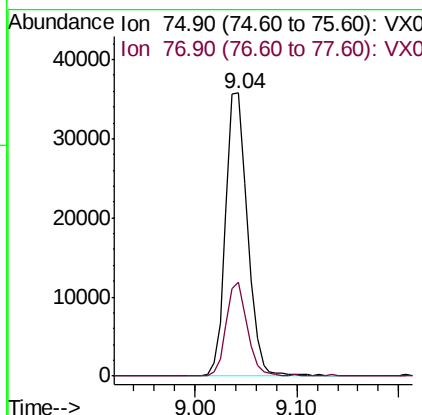
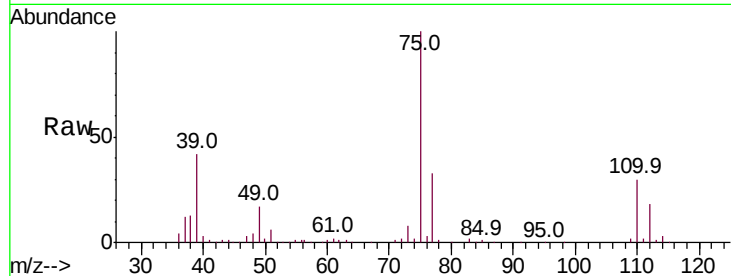
#53
 t-1,3-Dichloropropene
 Concen: 16.447 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.4	38.2

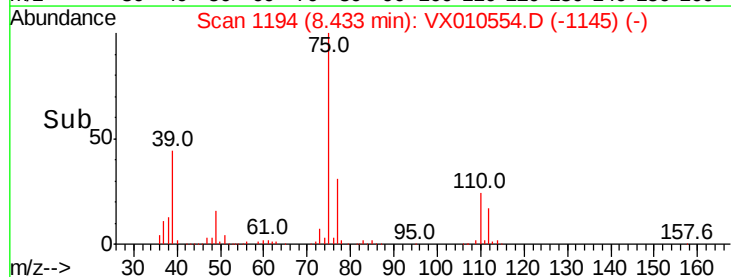
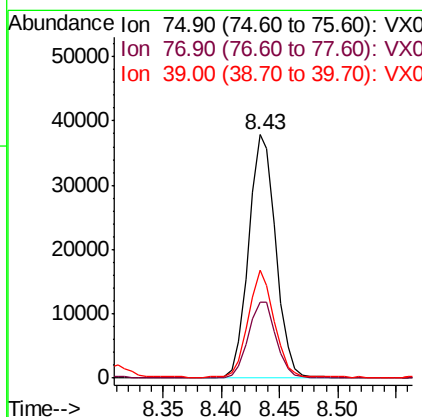
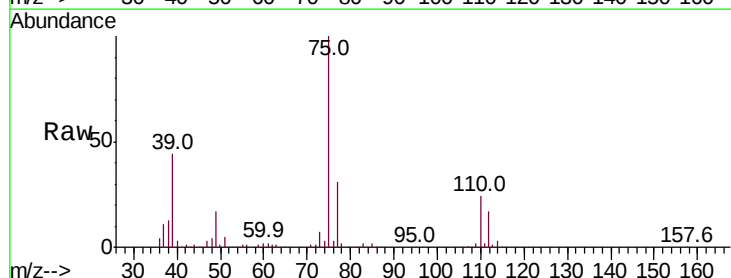
Manual Integrations
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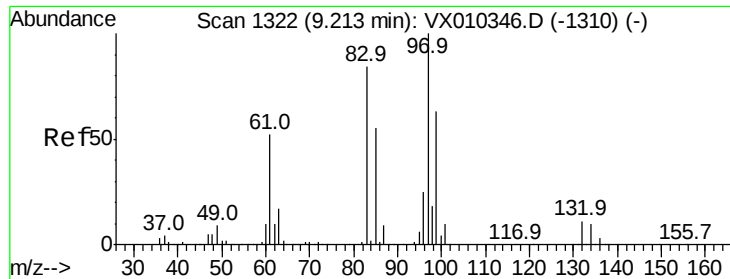
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#54
 cis-1,3-Dichloropropene
 Concen: 17.533 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.2	37.8
39	44.2	34.5	51.7





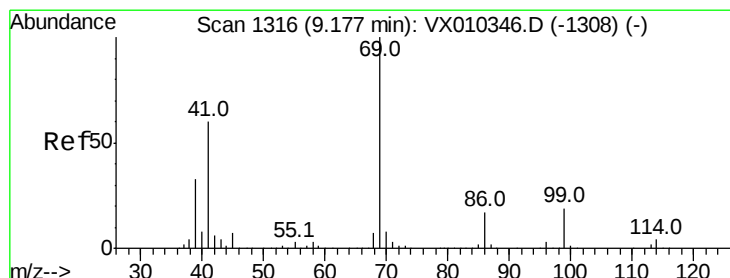
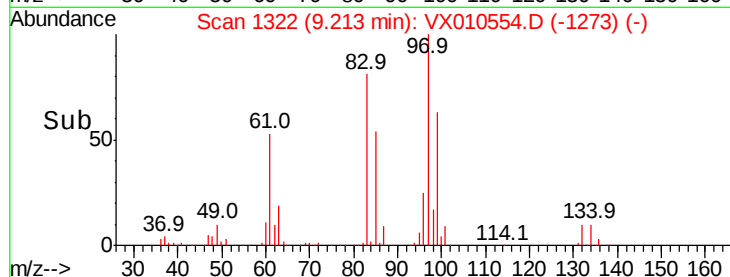
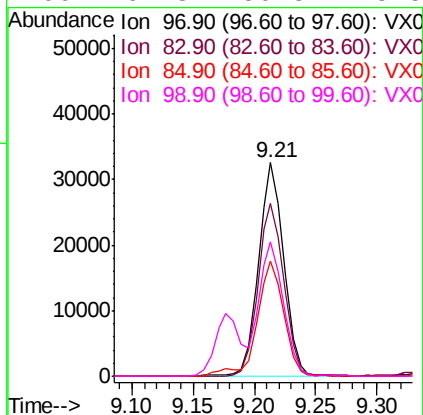
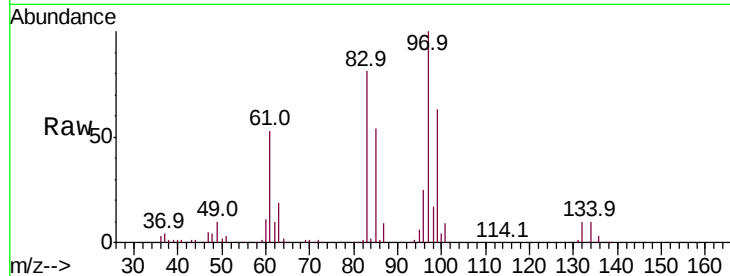
#55
 1,1,2-Trichloroethane
 Concen: 19.919 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX0628WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.7	67.4	101.0
85	54.0	43.8	65.8
99	62.8	50.3	75.5

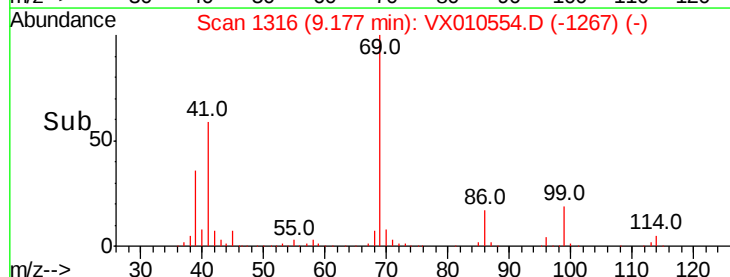
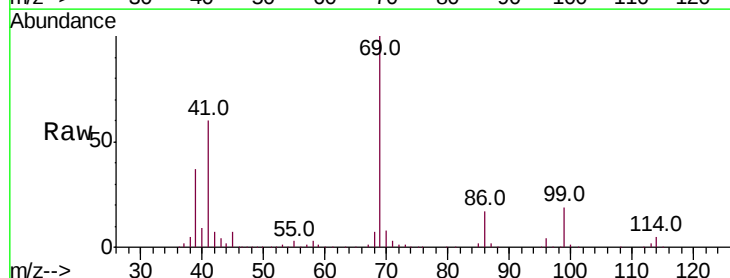
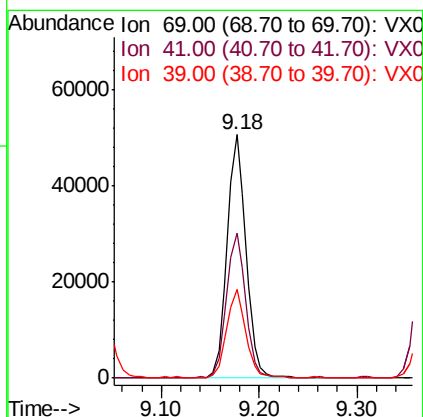
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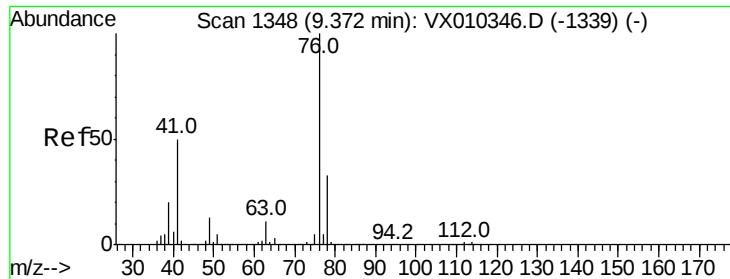
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#56
 Ethyl methacrylate
 Concen: 19.053 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.4	47.1	70.7
39	36.1	26.6	40.0





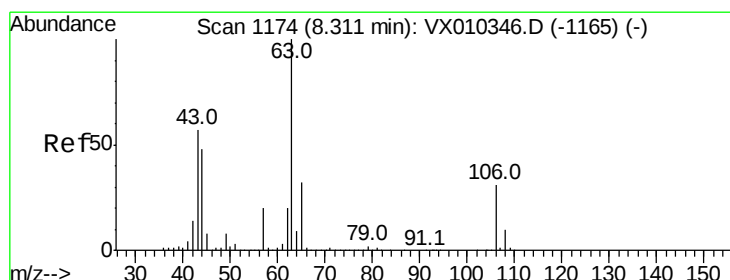
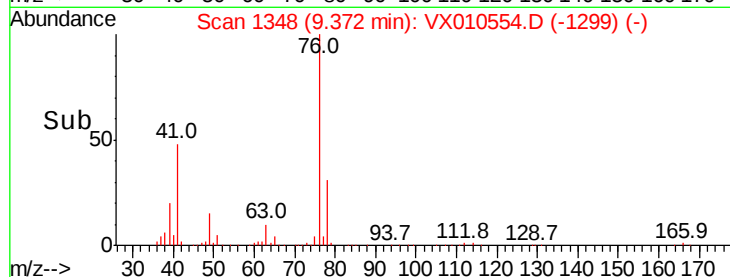
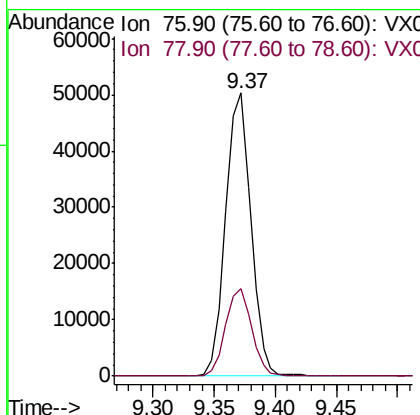
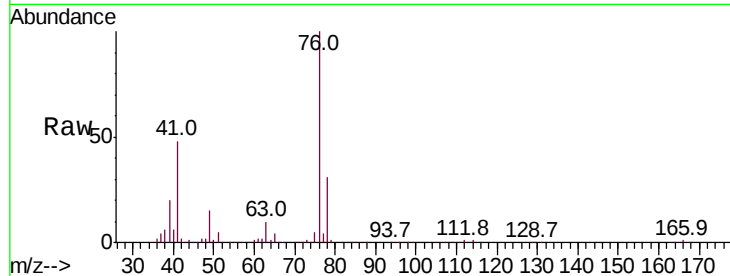
#57
 1,3-Dichloropropane
 Concen: 19.696 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion: 76 Resp: 72298
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1

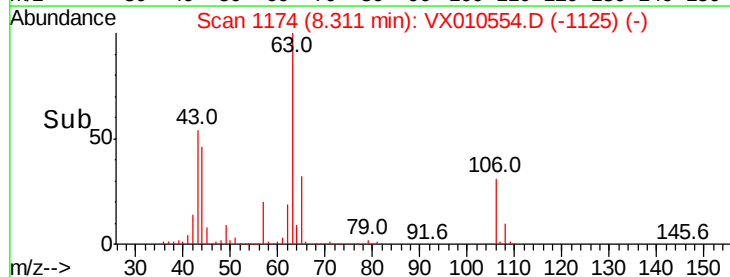
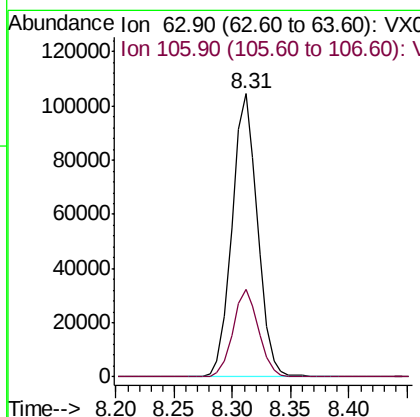
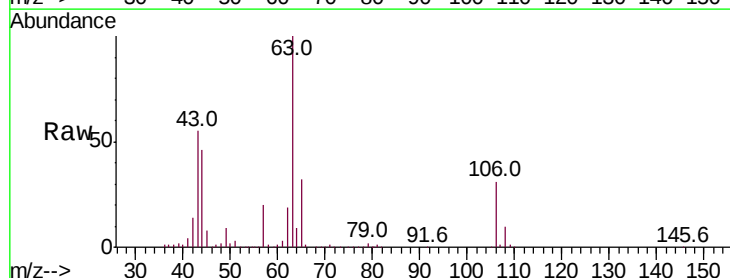
Manual Integrations
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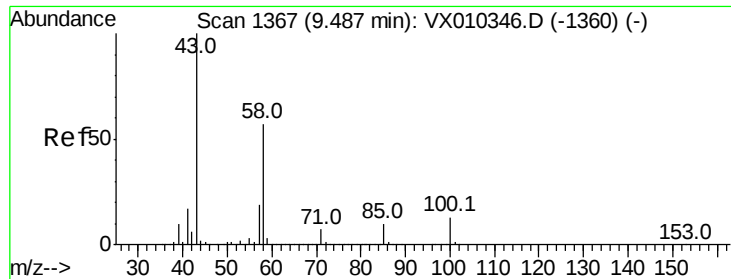
MMDadoda
 7/1/2019 10:40:48 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.752 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion: 63 Resp: 159494
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.7 37.1





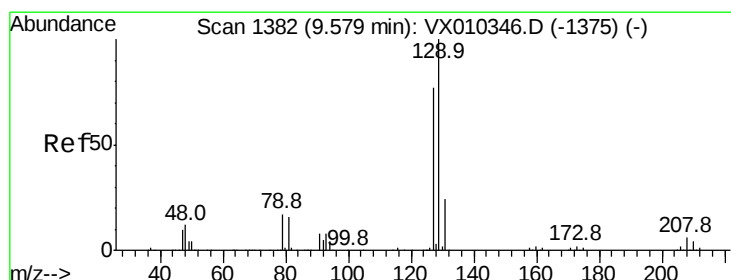
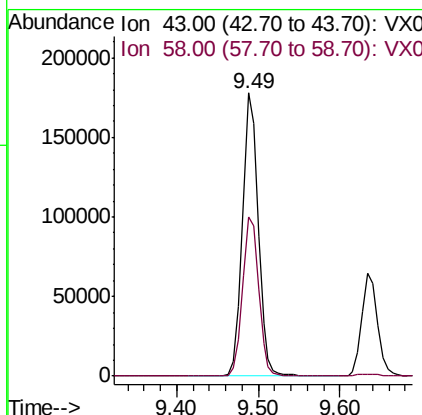
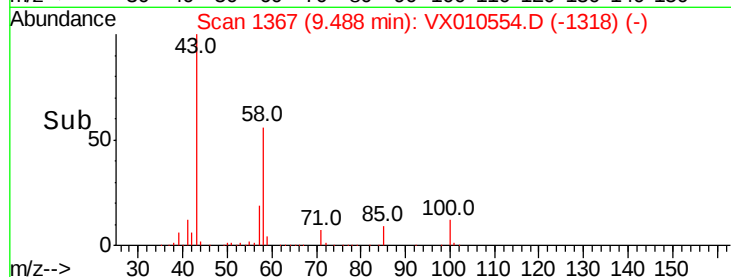
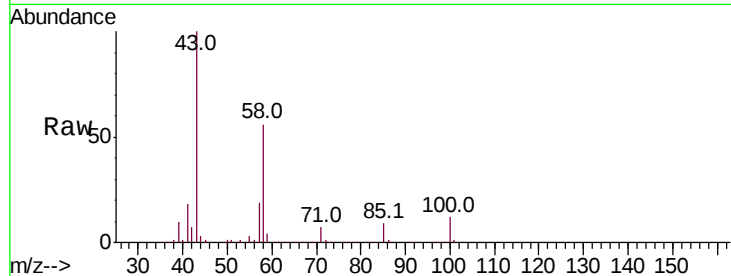
#59
2-Hexanone
Concen: 98.399 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion: 43 Resp: 235593
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.1

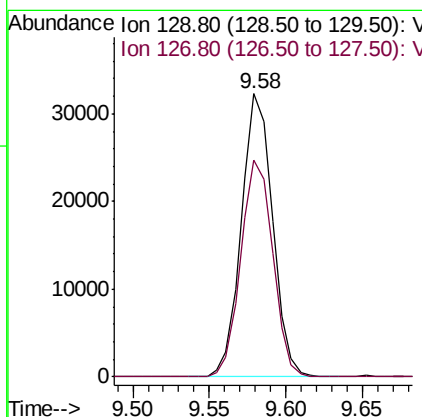
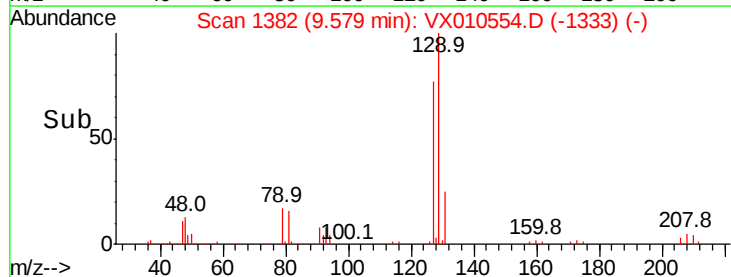
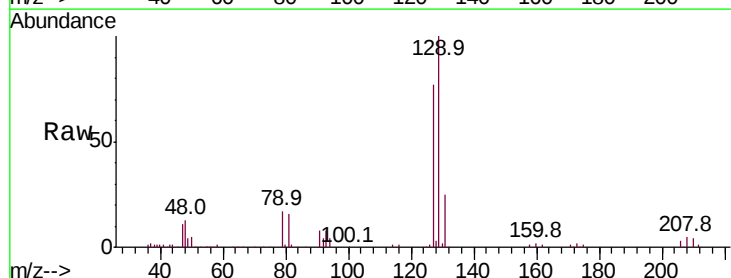
Manual Integrations
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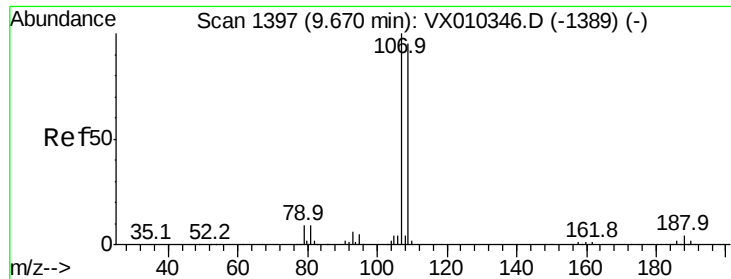
MMDadoda
7/1/2019 10:40:48 AM



#60
Dibromochloromethane
Concen: 17.322 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion: 129 Resp: 45861
Ion Ratio Lower Upper
129 100
127 78.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.784 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion:107 Resp: 47944

Ion Ratio Lower Upper

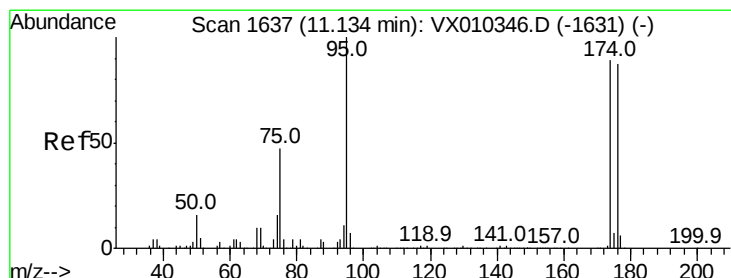
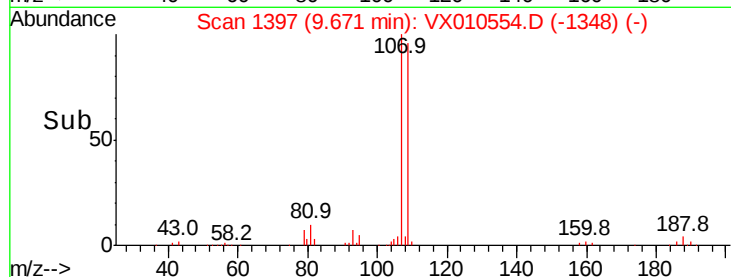
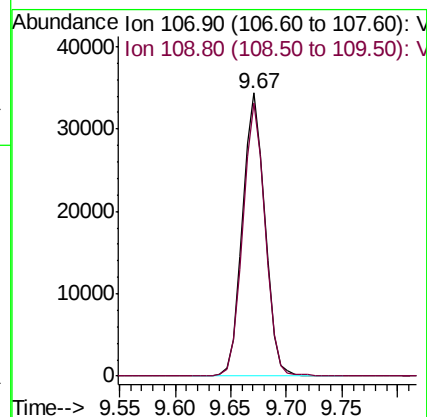
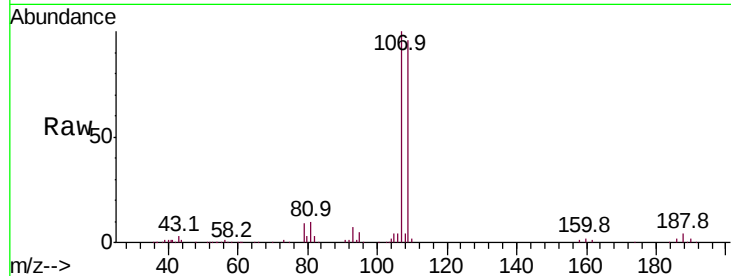
107 100

109 96.0 75.8 113.6

Manual Integrations
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MMDadoda

7/1/2019 10:40:48 AM



#62

4-Bromofluorobenzene

Concen: 47.598 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

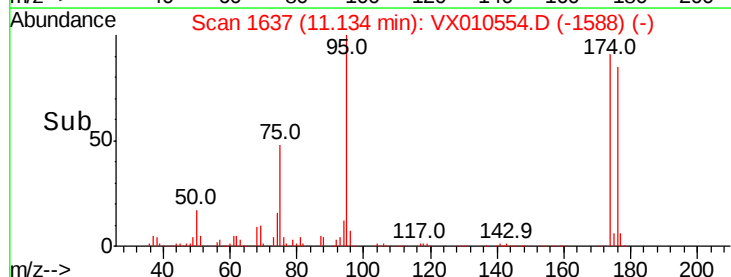
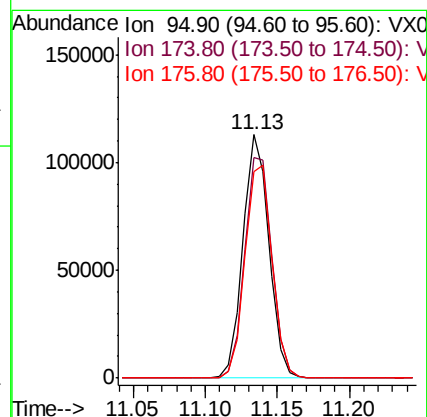
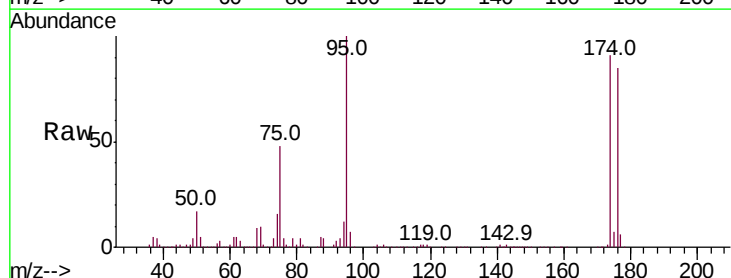
Tgt Ion: 95 Resp: 141458

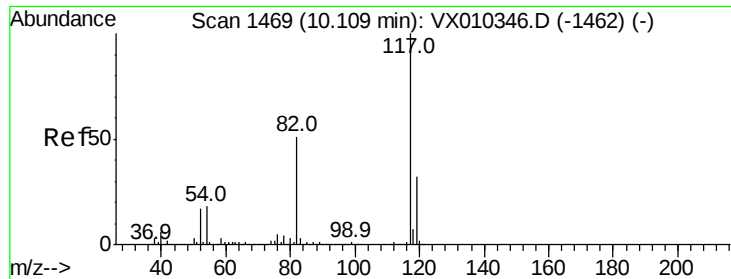
Ion Ratio Lower Upper

95 100

174 94.9 0.0 187.6

176 91.3 0.0 184.0





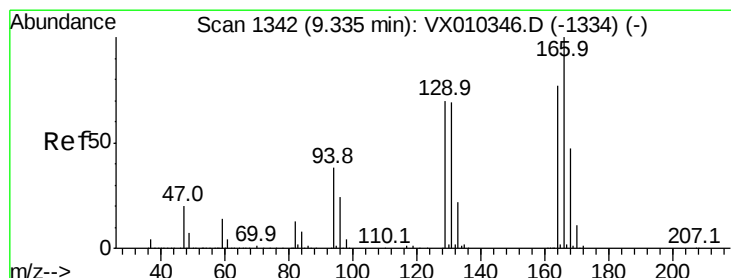
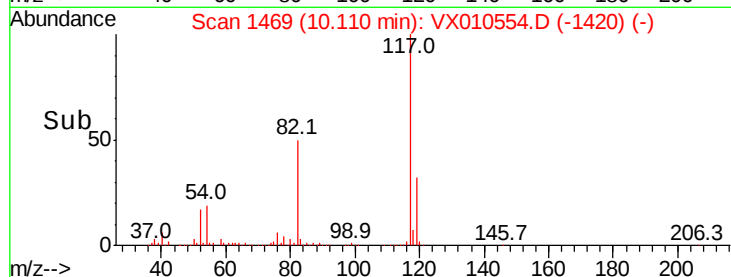
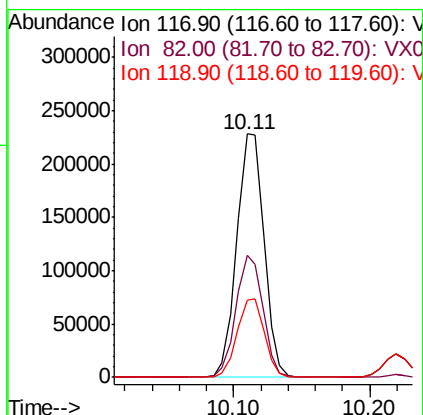
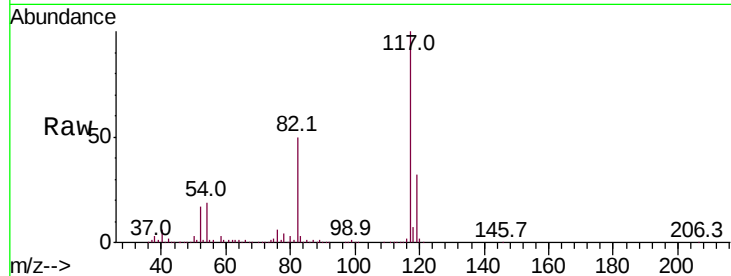
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	50.3	41.2	61.8	
119	31.6	25.5	38.3	

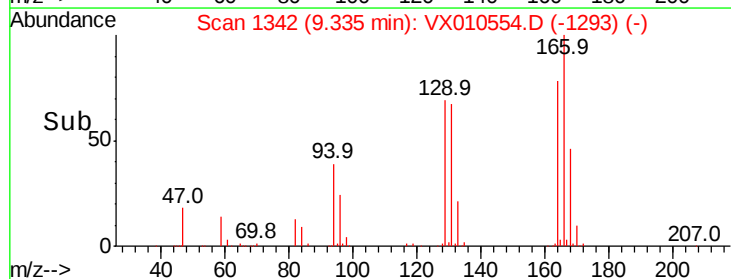
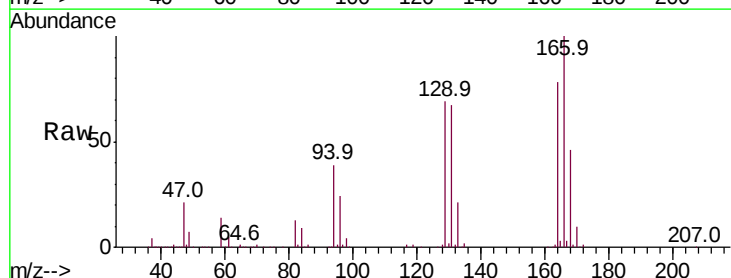
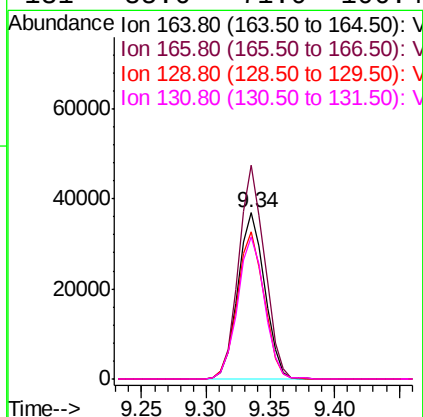
Manual Integrations
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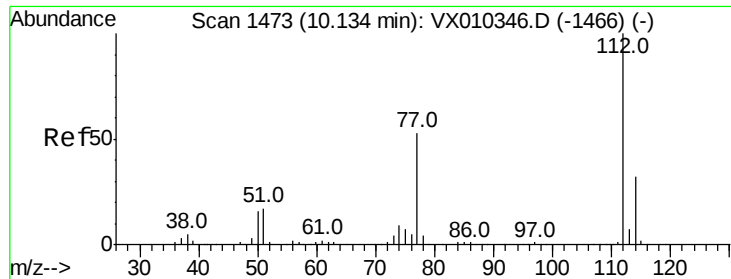
MMDadoda
7/1/2019 10:40:48 AM



#64
Tetrachloroethene
Concen: 20.570 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	128.5	103.6	155.4	
129	88.8	73.0	109.4	
131	85.6	71.0	106.4	





#65

Chlorobenzene

Concen: 19.248 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS02

Tot Ion:112 Resp: 125122

Ion Ratio Lower Upper

112 100

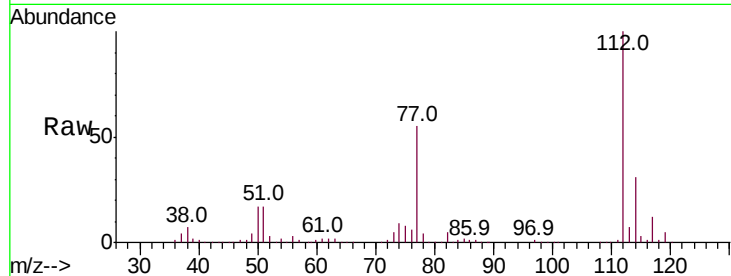
114 30.6 25.4 38.2

Manual Integrations

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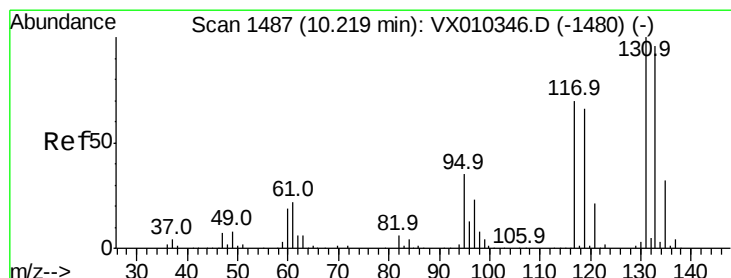
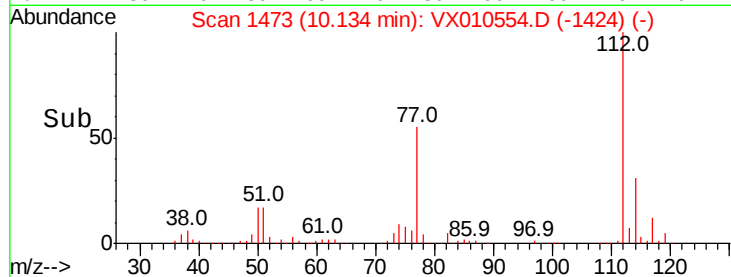
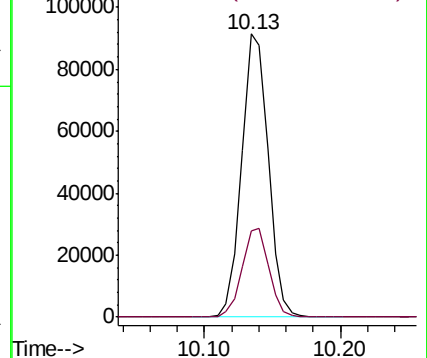
MMDadoda

7/1/2019 10:40:48 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.617 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

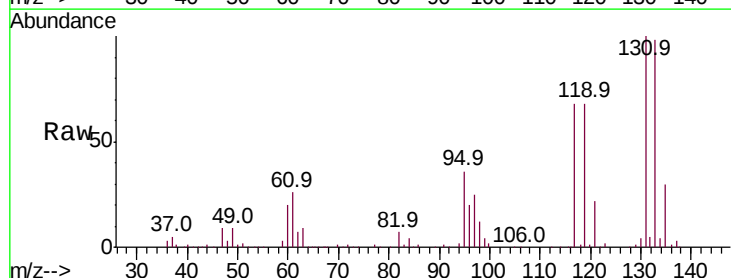
Tgt Ion:131 Resp: 44081

Ion Ratio Lower Upper

131 100

133 96.9 47.7 143.1

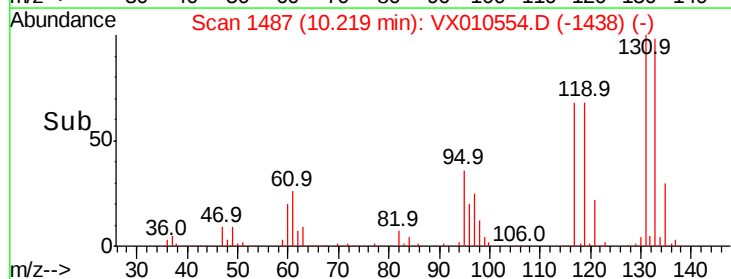
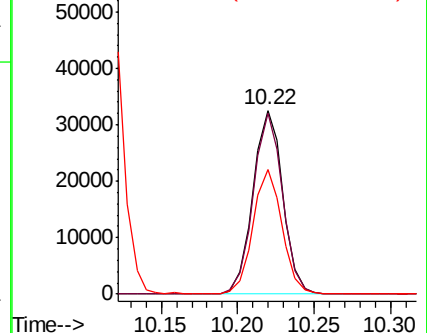
119 66.3 32.6 97.7

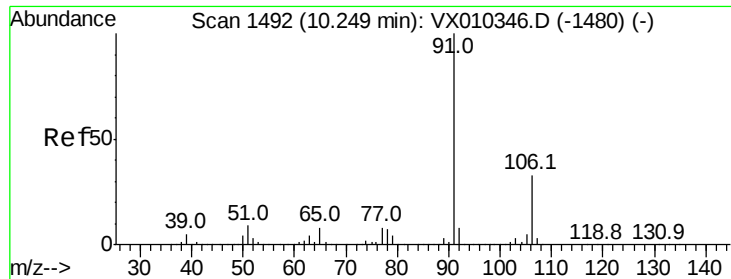


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





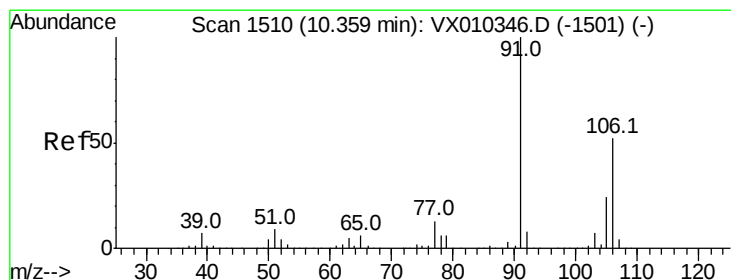
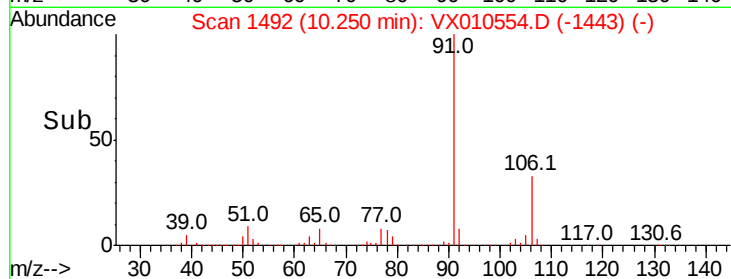
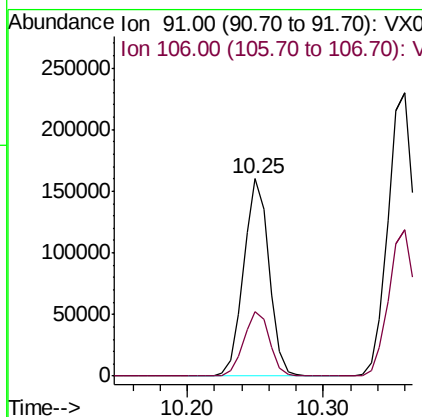
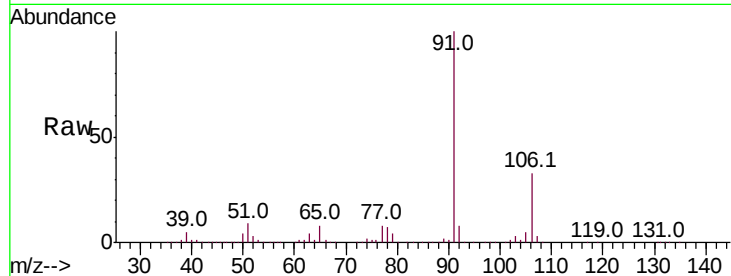
#67
Ethyl Benzene
Concen: 19.007 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

Tot Ion: 91 Resp: 208587
Ion Ratio Lower Upper
91 100
106 32.9 26.2 39.2

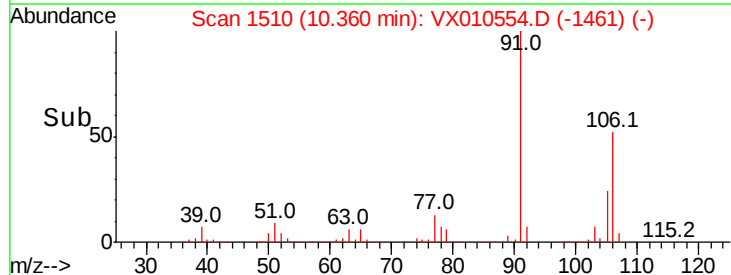
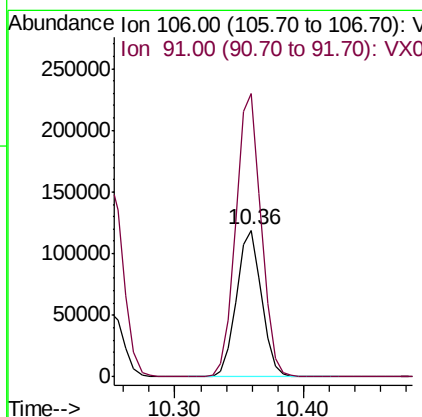
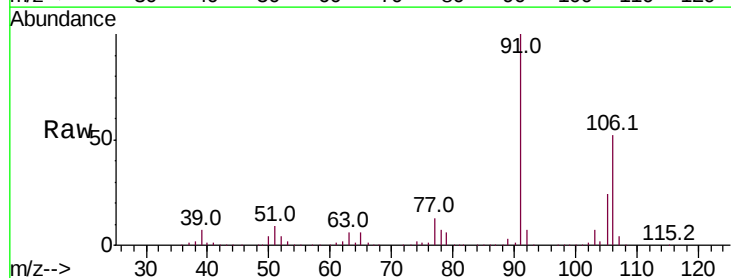
Manual Integrations
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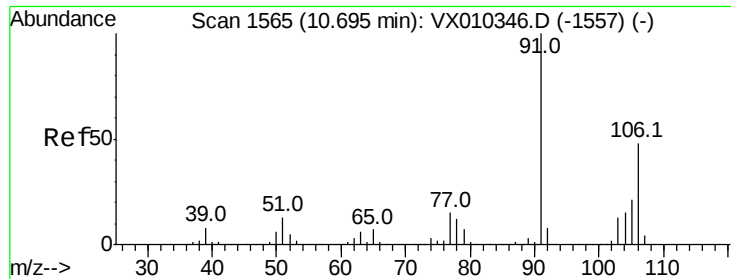
MMDadoda
7/1/2019 10:40:48 AM



#68
m/p-Xylenes
Concen: 37.830 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion: 106 Resp: 160858
Ion Ratio Lower Upper
106 100
91 195.3 155.3 232.9





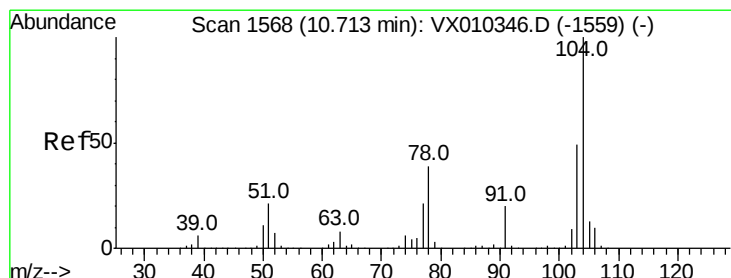
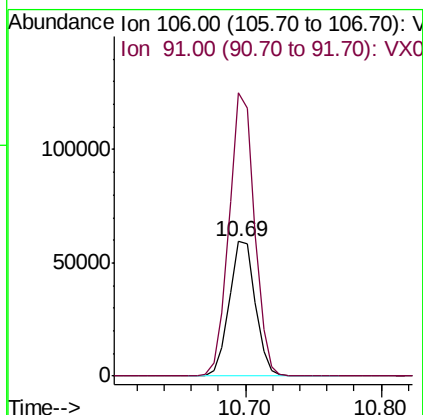
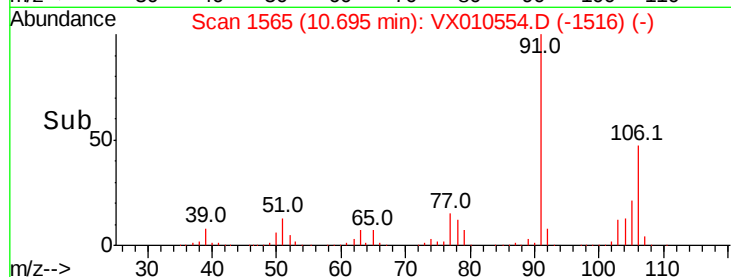
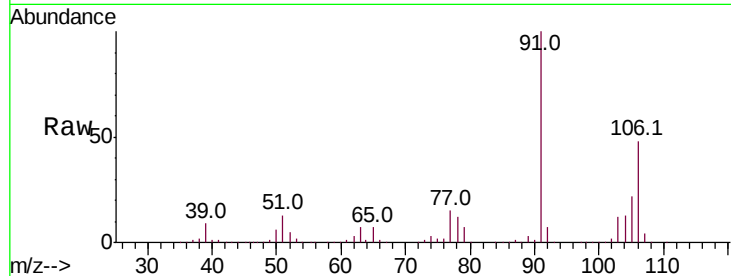
#69
o-Xylene
Concen: 19.048 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

Tot Ion:106 Resp: 79653
Ion Ratio Lower Upper
106 100
91 204.8 102.7 308.1

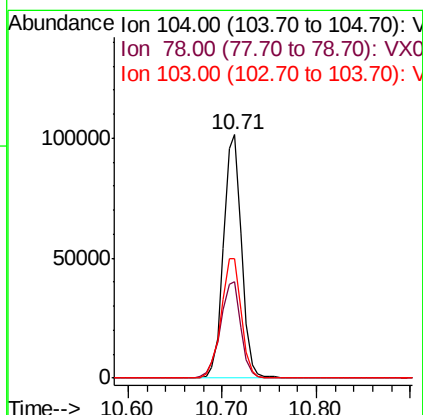
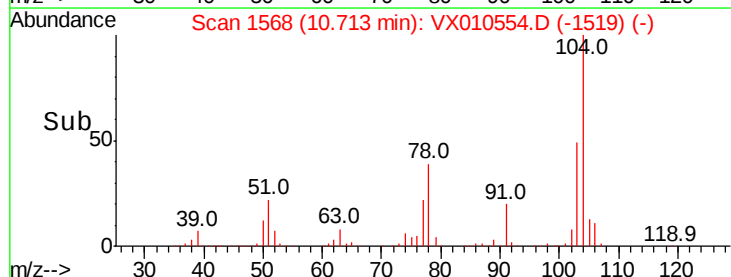
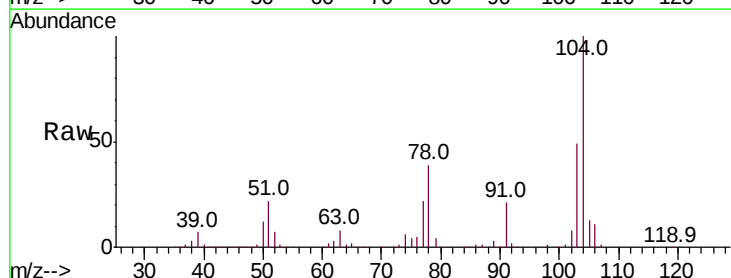
Manual Integrations
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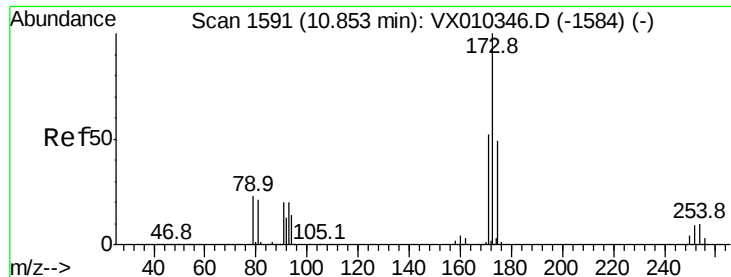
MMDadoda
7/1/2019 10:40:48 AM



#70
Styrene
Concen: 19.117 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion:104 Resp: 134062
Ion Ratio Lower Upper
104 100
78 44.9 36.2 54.2
103 54.8 44.2 66.4





#71

Bromoform

Concen: 16.404 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion:173 Resp: 33776

Ion Ratio Lower Upper

173 100

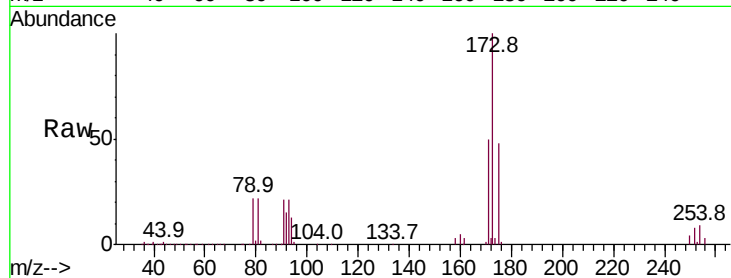
175 48.4 24.1 72.3

254 0.0 0.2 0.2#

Manual Integrations
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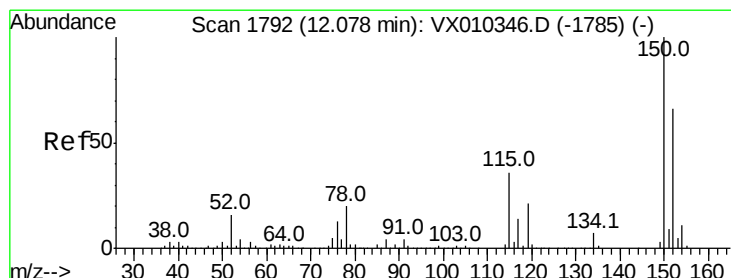
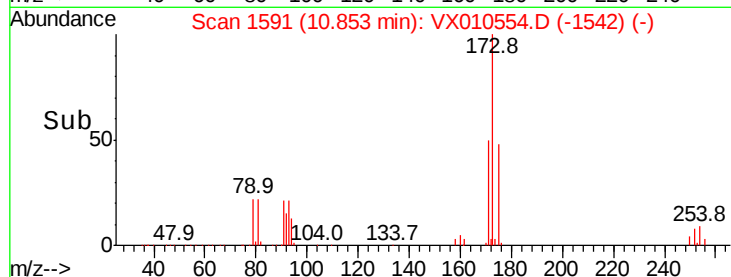
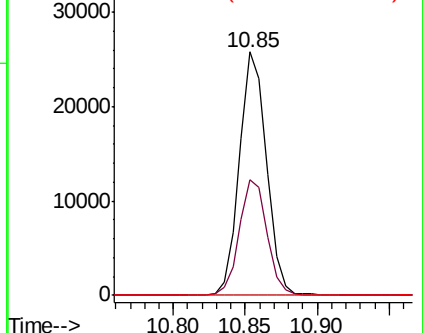
7/1/2019 10:40:48 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

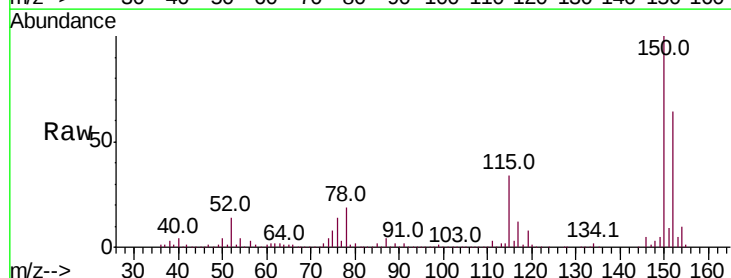
Tgt Ion:152 Resp: 162571

Ion Ratio Lower Upper

152 100

115 63.0 38.6 115.7

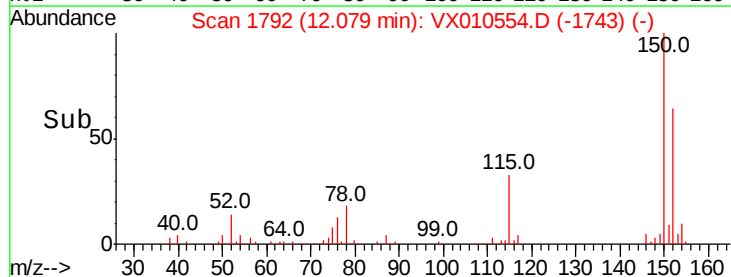
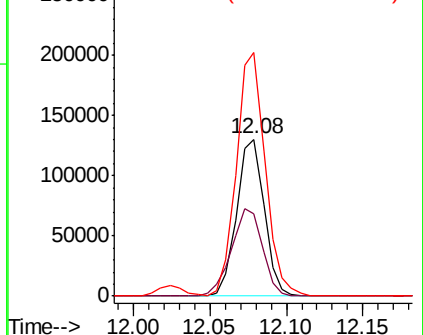
150 162.6 0.0 347.4

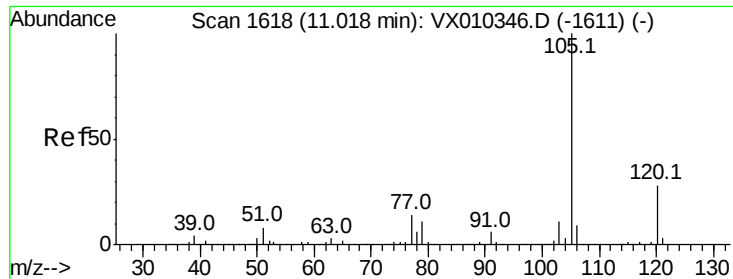


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.245 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion:105 Resp: 212091

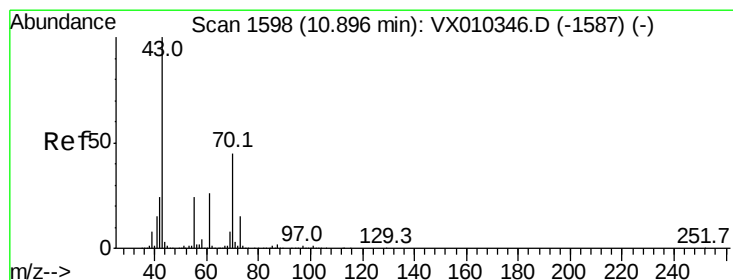
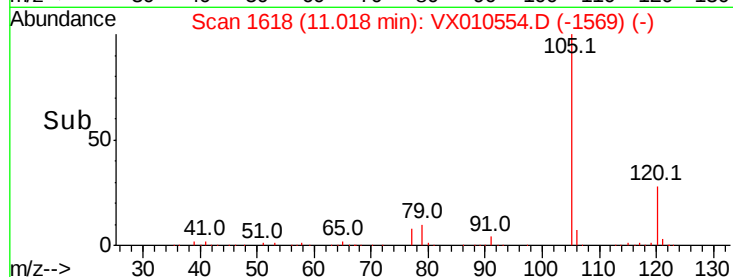
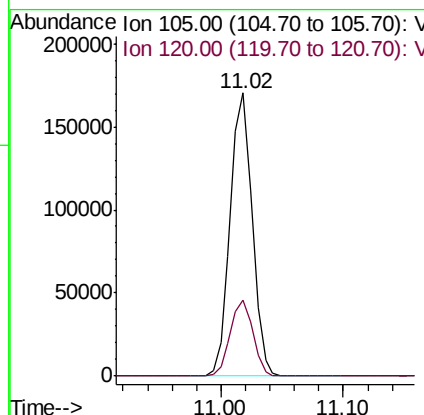
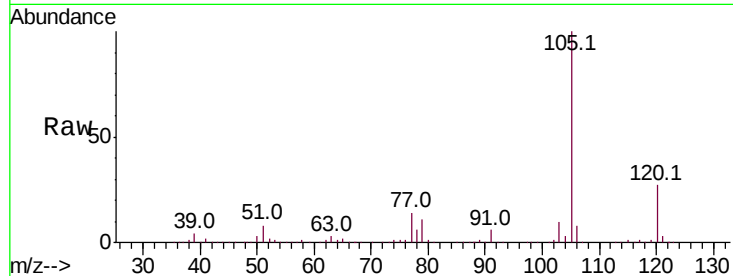
Ion Ratio Lower Upper

105 100

120 27.5 14.1 42.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.668 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Tgt Ion: 43 Resp: 81912

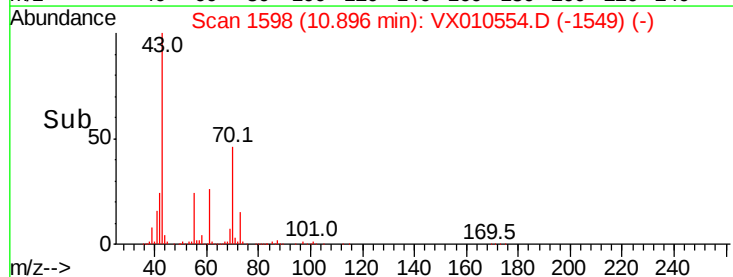
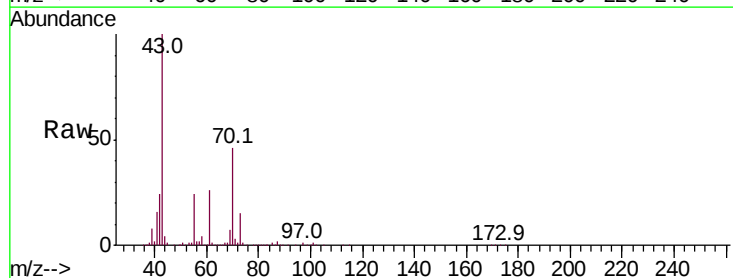
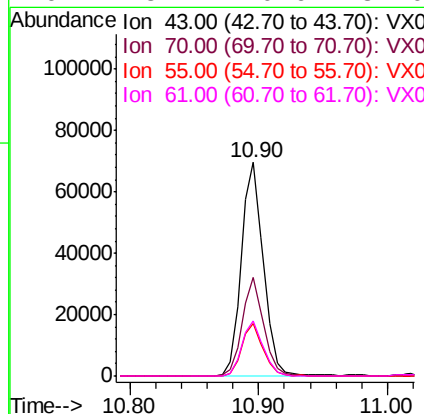
Ion Ratio Lower Upper

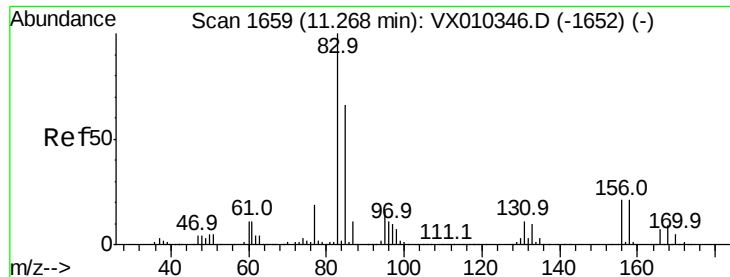
43 100

70 44.7 36.6 54.8

55 24.2 18.7 28.1

61 25.4 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.701 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion: 83 Resp: 71903

Ion Ratio Lower Upper

83 100

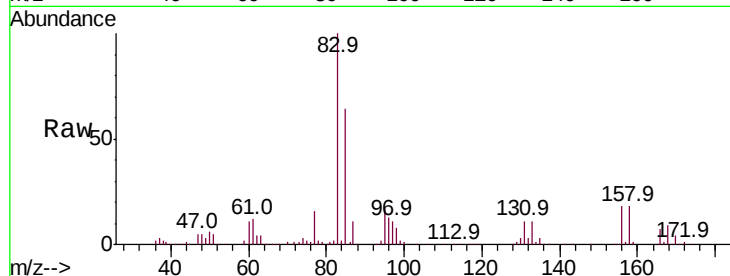
131 11.3 5.5 16.4

85 64.7 32.3 96.8

Manual Integrations
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MMDadoda

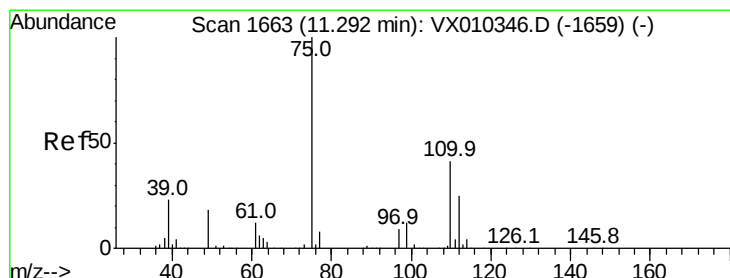
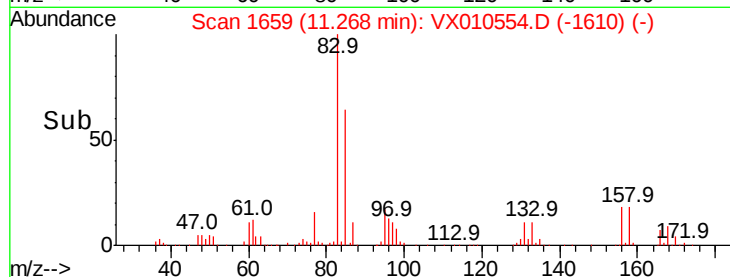
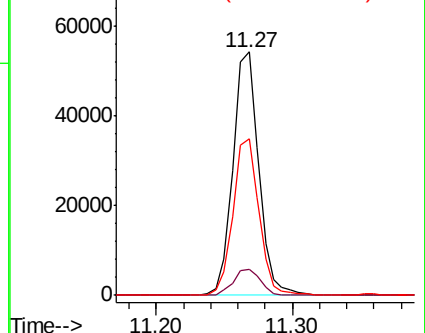
7/1/2019 10:40:48 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.080 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010554.D

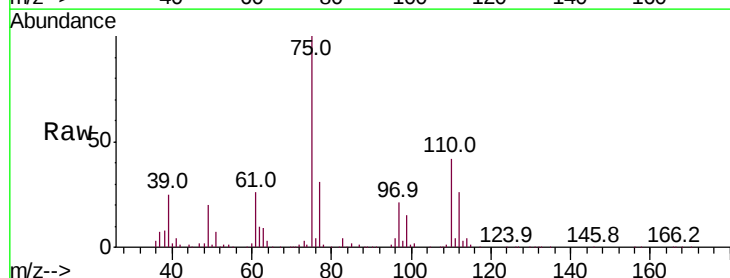
Acq: 28 Jun 2019 23:34

Tgt Ion: 75 Resp: 59485

Ion Ratio Lower Upper

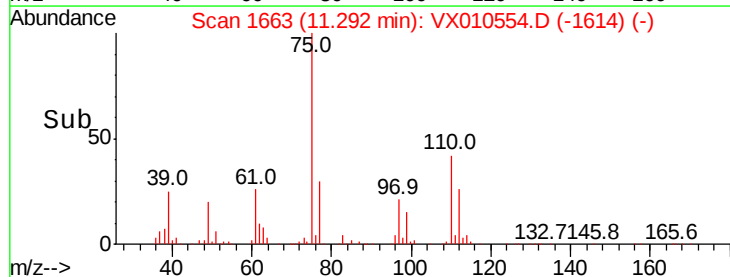
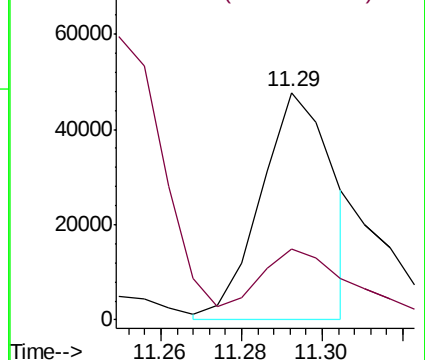
75 100

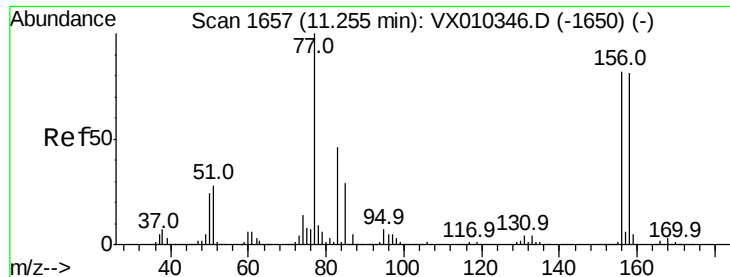
77 40.7 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.022 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion:156 Resp: 58533

Ion Ratio Lower Upper

156 100

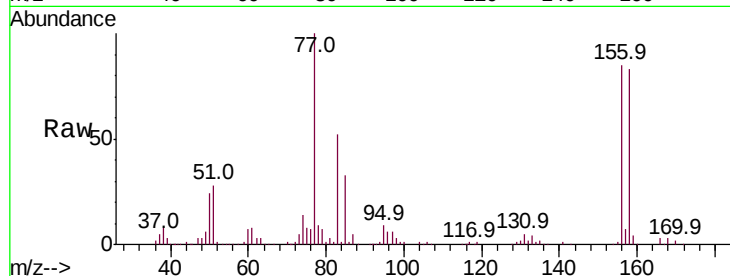
77 129.7 66.3 198.7

158 98.6 48.9 146.7

Manual Integrations
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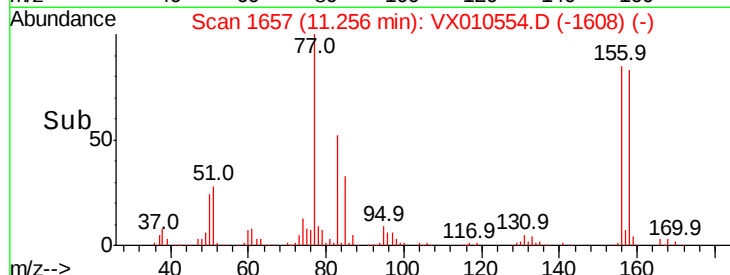
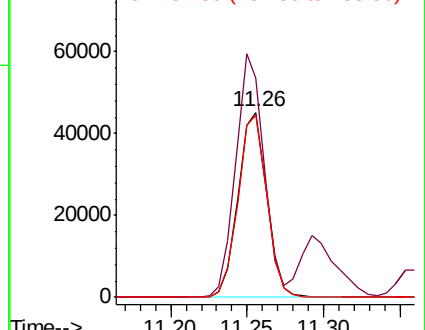
7/1/2019 10:40:48 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.720 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010554.D

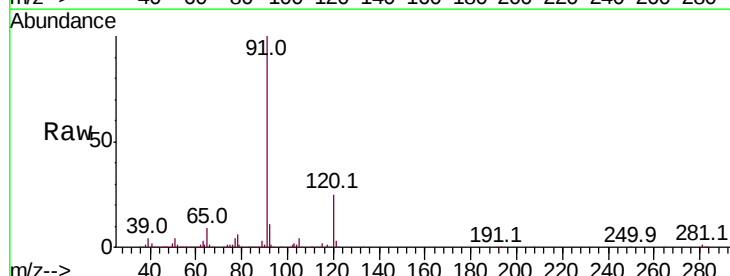
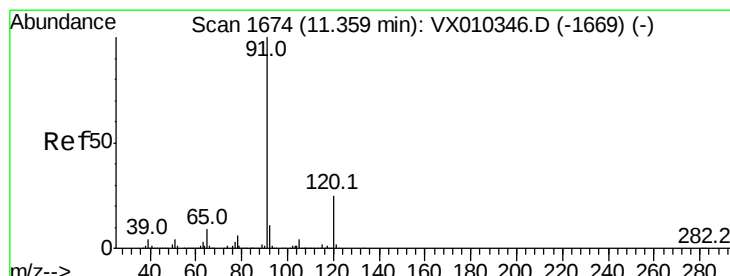
Acq: 28 Jun 2019 23:34

Tgt Ion: 91 Resp: 226735

Ion Ratio Lower Upper

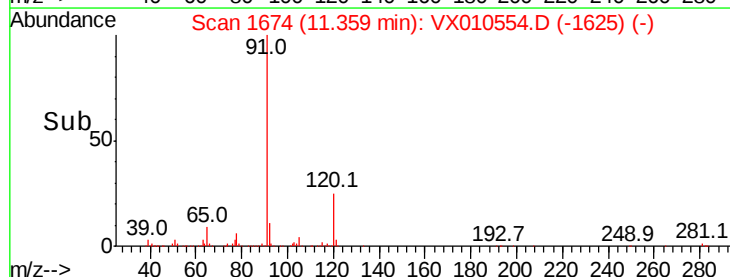
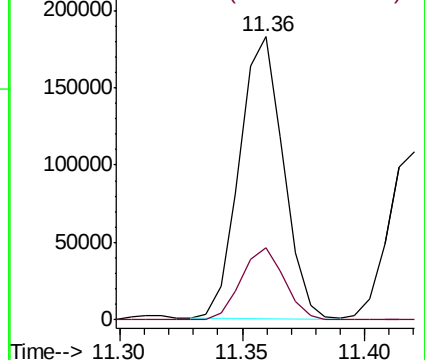
91 100

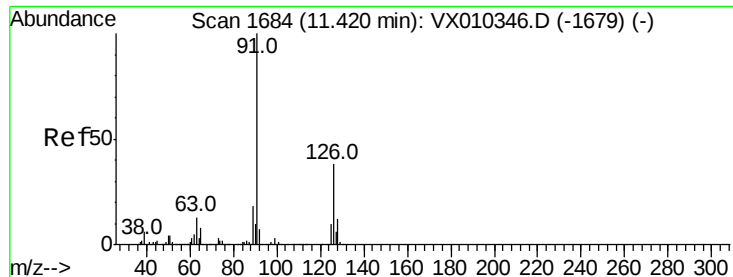
120 25.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.106 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS02

Tot Ion: 91 Resp: 137795

Ion Ratio Lower Upper

91 100

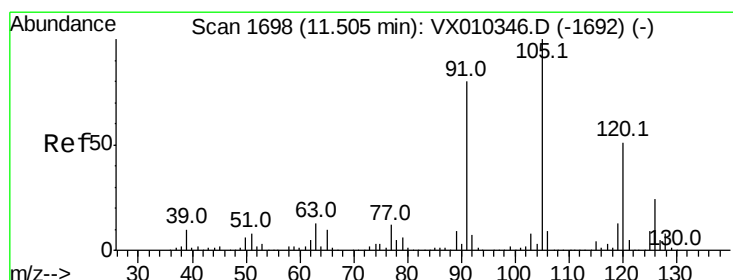
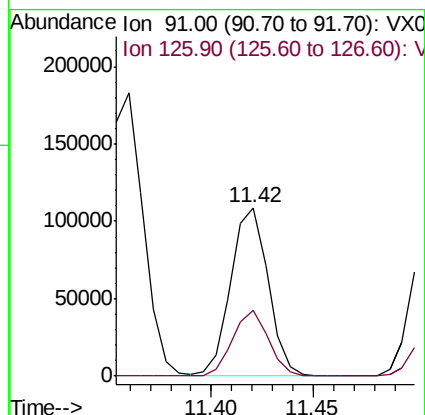
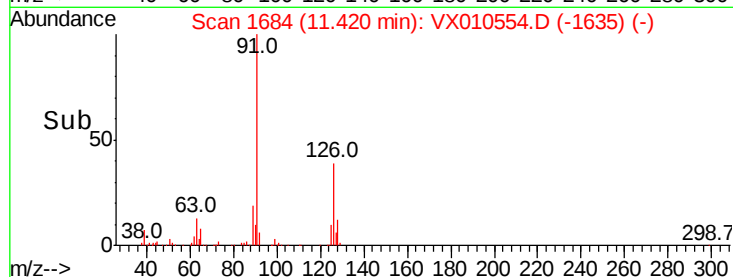
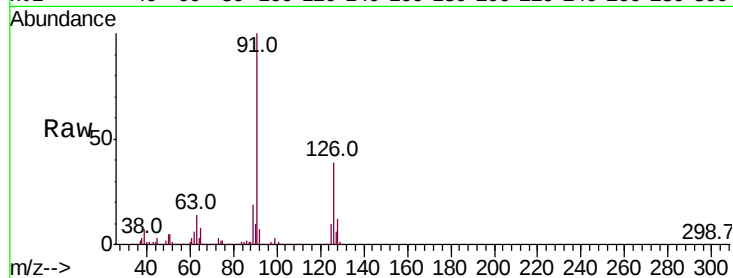
126 37.6 18.7 56.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.097 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010554.D

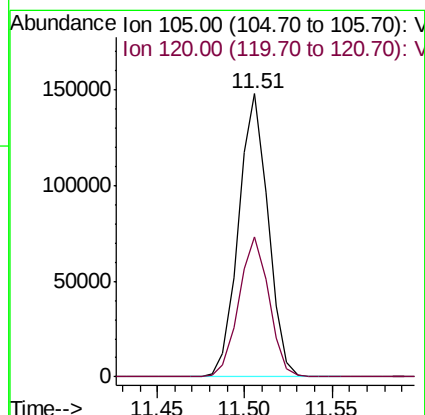
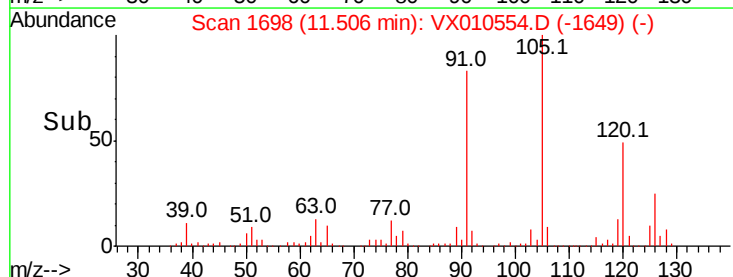
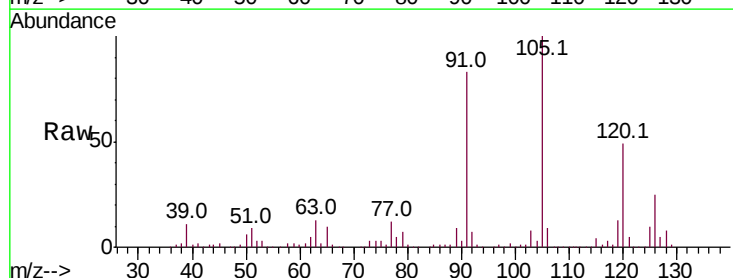
Acq: 28 Jun 2019 23:34

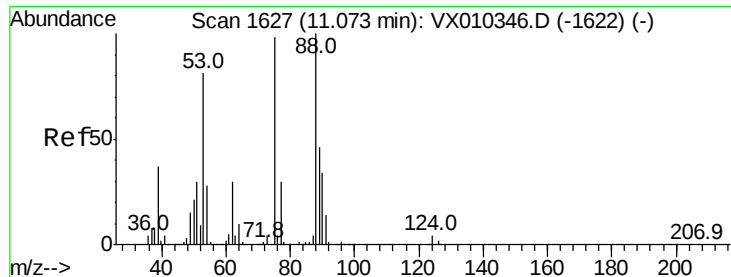
Tgt Ion: 105 Resp: 173492

Ion Ratio Lower Upper

105 100

120 50.6 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 13.245 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion: 75 Resp: 16819

Ion Ratio Lower Upper

75 100

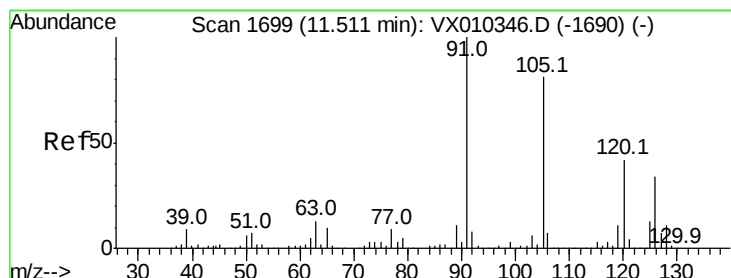
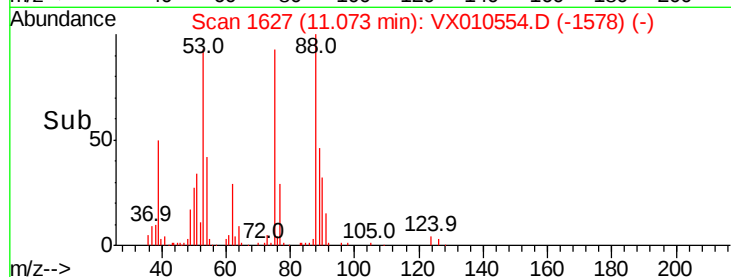
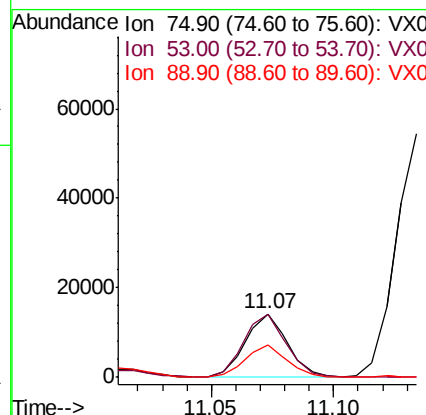
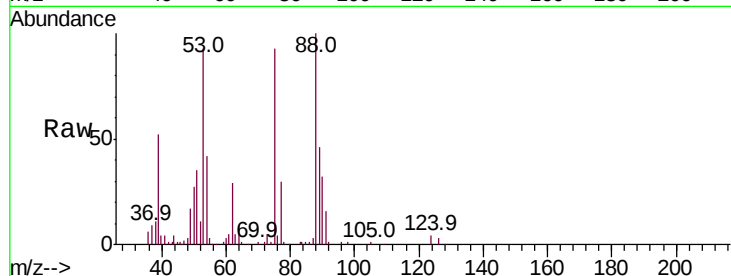
53 101.4 66.1 99.1#

89 52.0 37.8 56.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.268 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010554.D

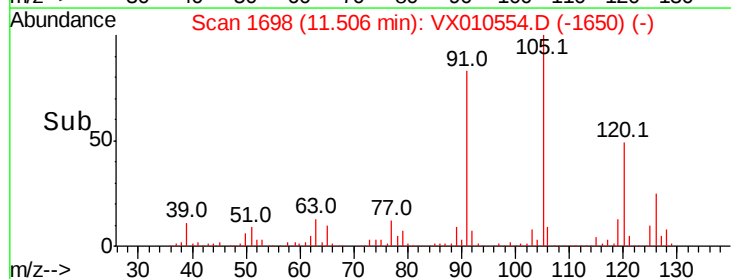
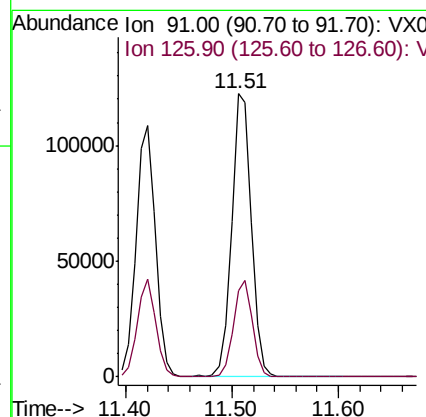
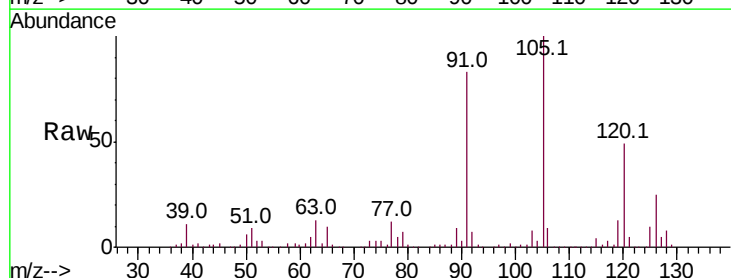
Acq: 28 Jun 2019 23:34

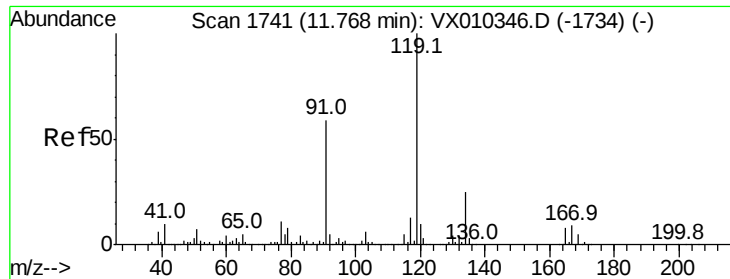
Tgt Ion: 91 Resp: 158128

Ion Ratio Lower Upper

91 100

126 33.1 16.2 48.6





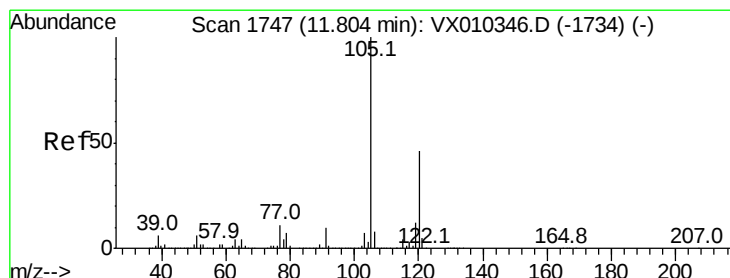
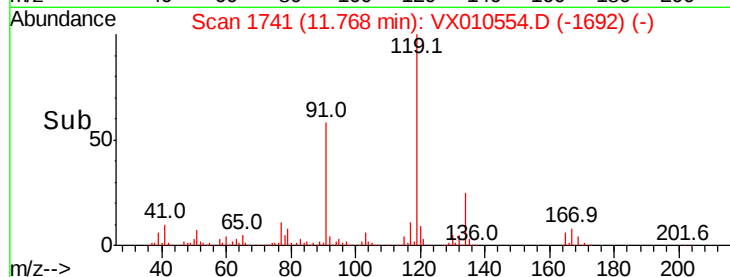
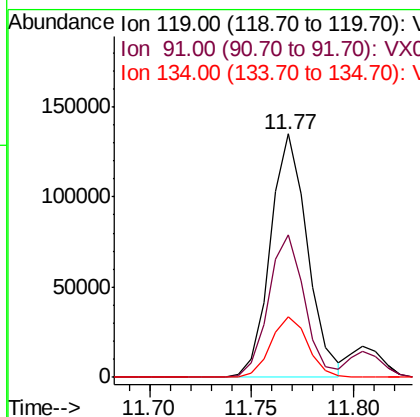
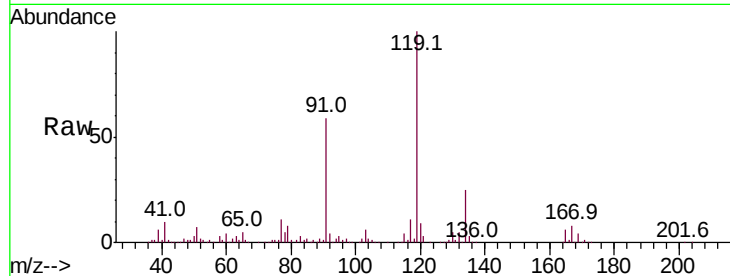
#83
tert-Butylbenzene
Concen: 18.744 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	170917		
91	57.2		27.6	82.7
134	24.8		11.8	35.4

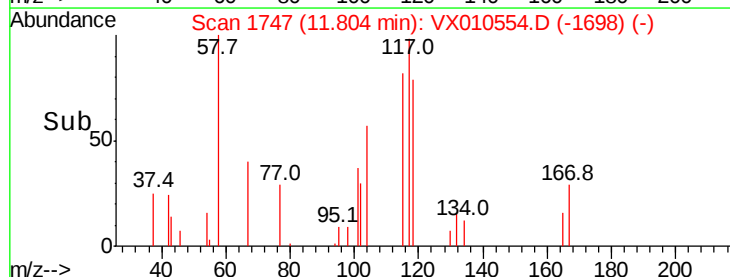
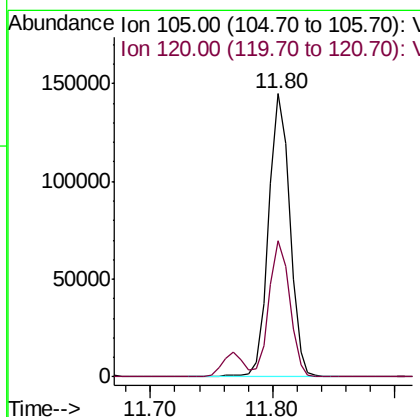
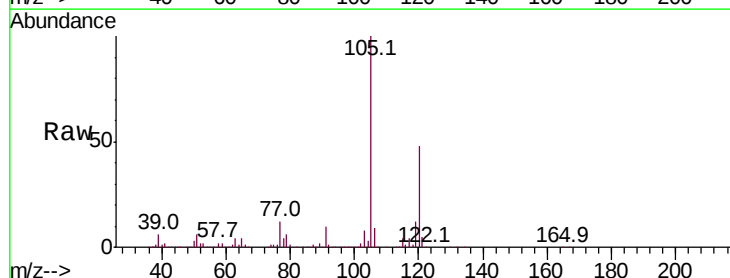
Manual Integrations
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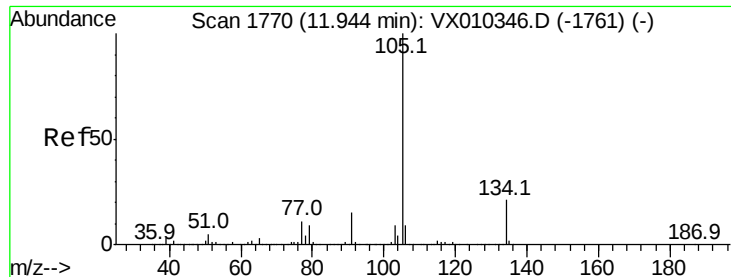
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#84
1,2,4-Trimethylbenzene
Concen: 19.203 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	175275		
120	47.1		23.1	69.2





#85

sec-Butylbenzene

Concen: 19.114 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion:105 Resp: 204639

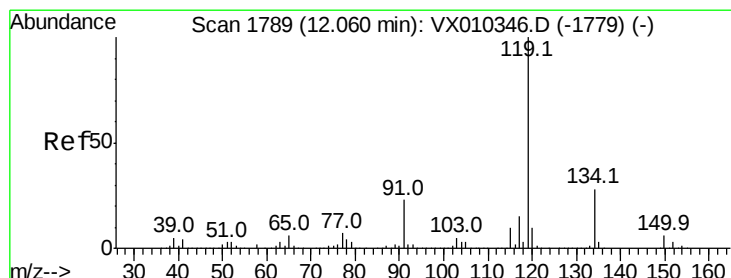
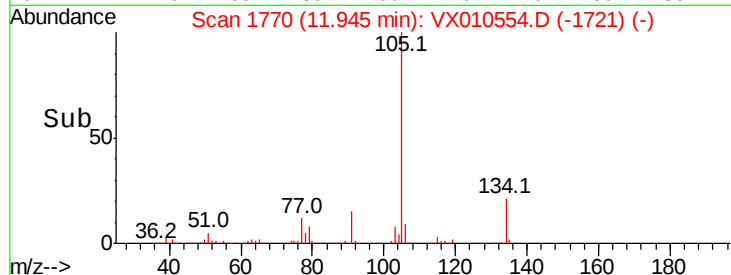
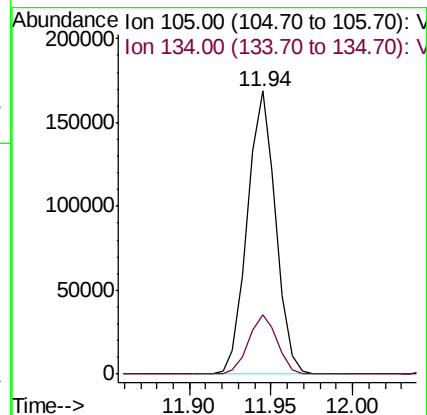
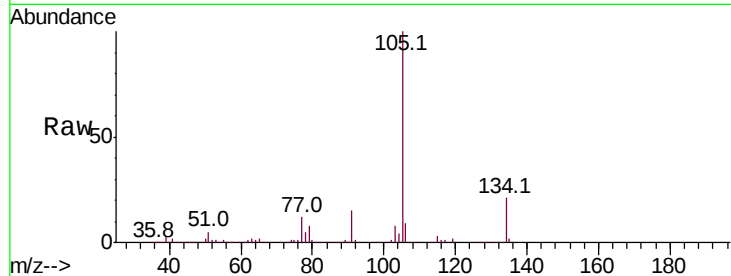
Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 18.760 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

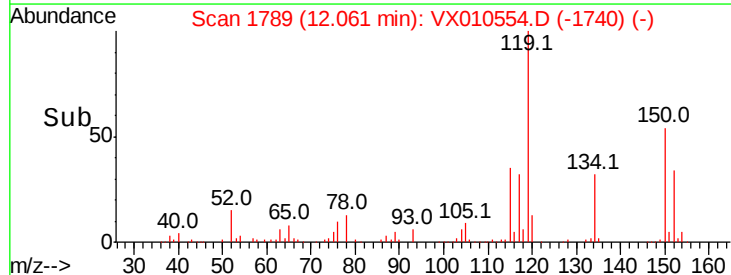
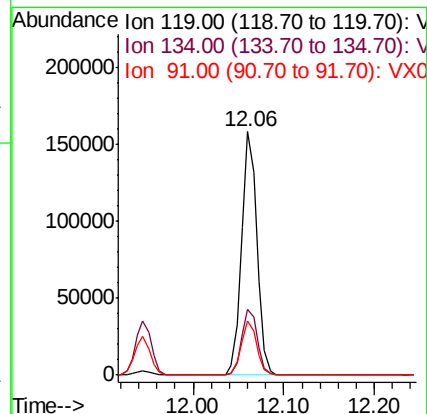
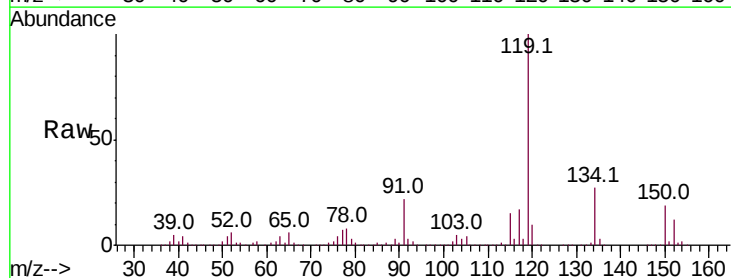
Tgt Ion:119 Resp: 185775

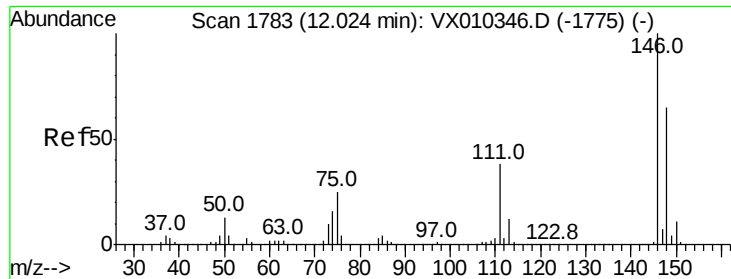
Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

91 22.6 11.3 33.8





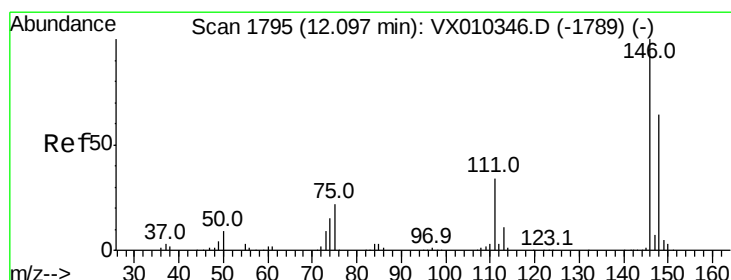
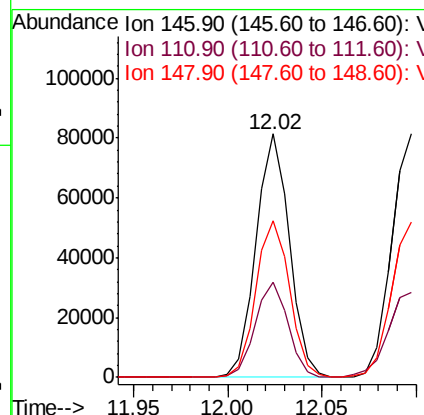
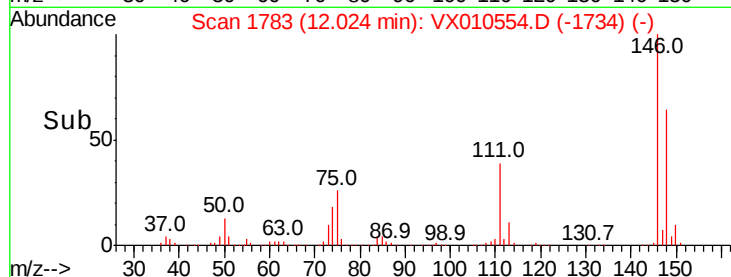
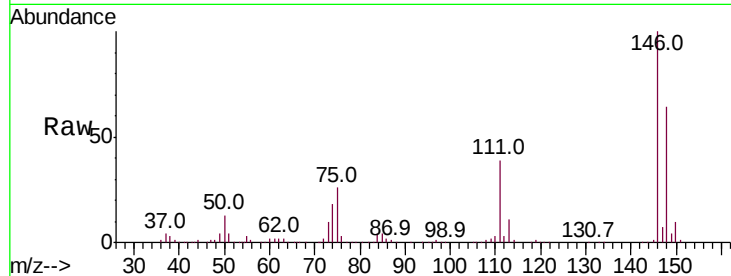
#87
 1,3-Dichlorobenzene
 Concen: 18.589 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX0628WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.1
148	65.0	32.5	97.4

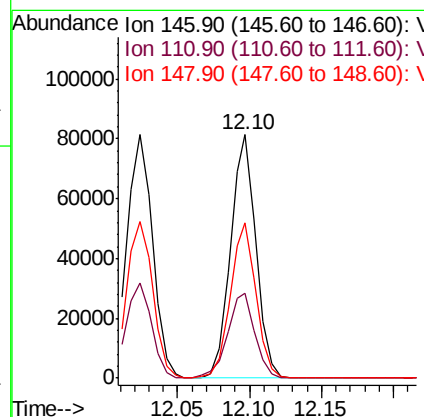
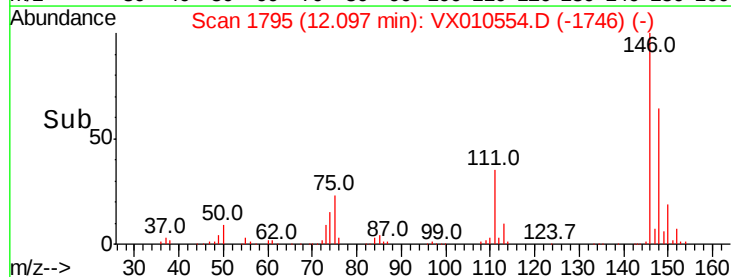
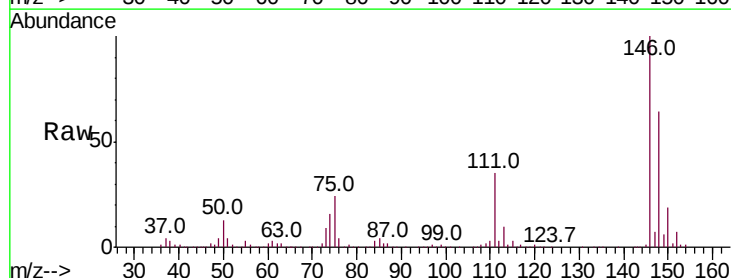
Manual Integrations
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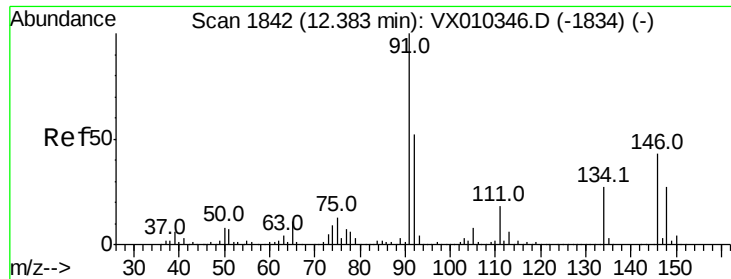
MMDadoda
 7/1/2019 10:40:48 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.466 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.3
148	64.6	32.1	96.3





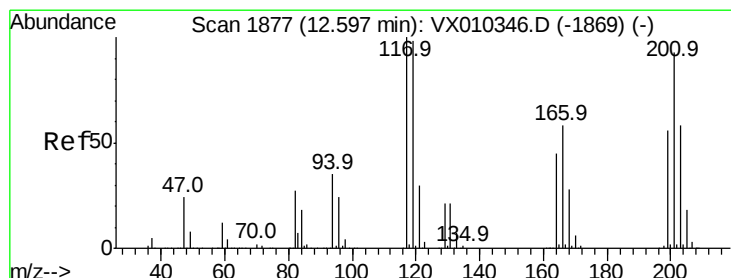
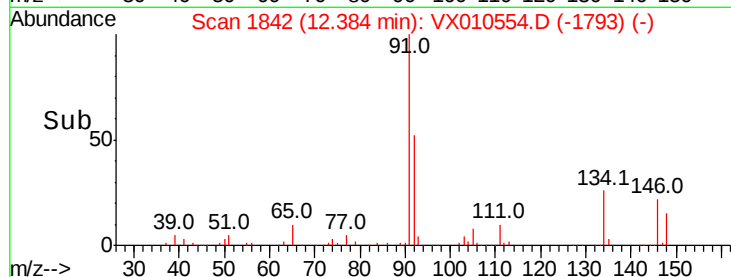
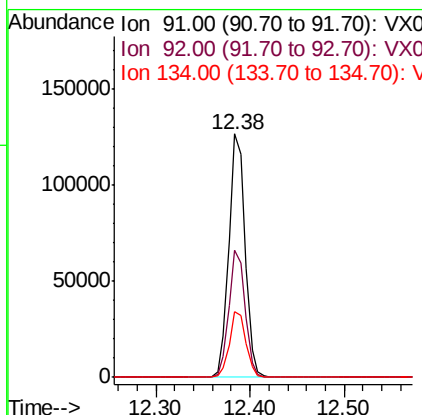
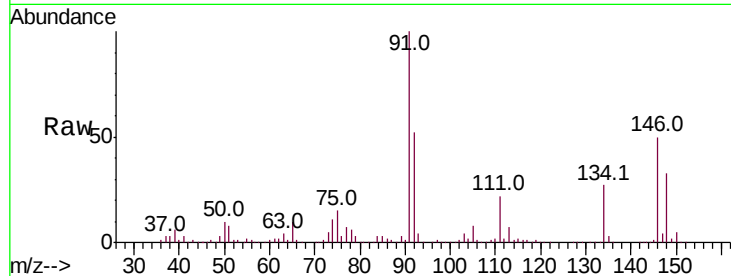
#89
n-Butylbenzene
Concen: 18.080 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	27.4	14.1	42.4

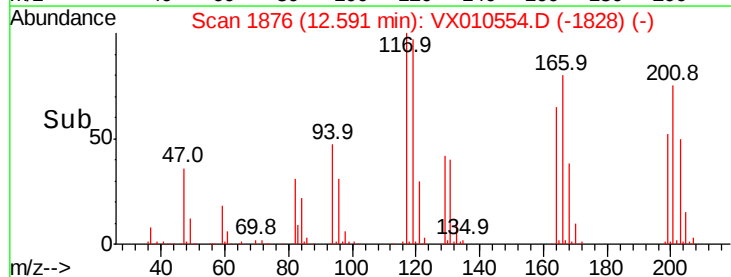
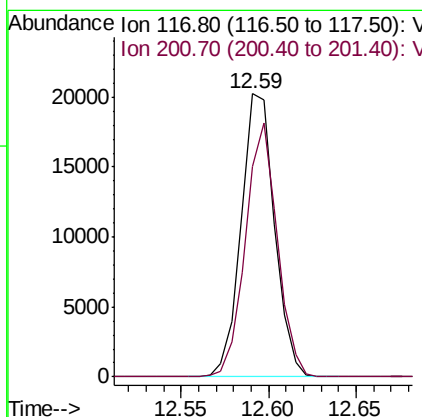
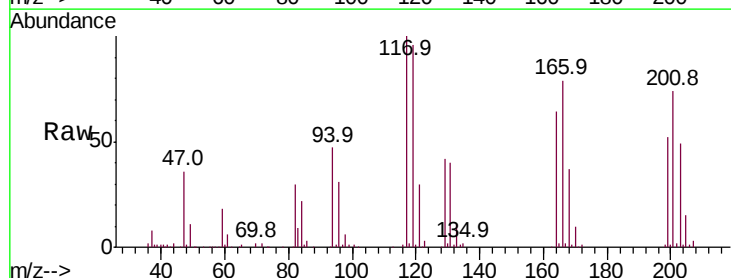
Manual Integrations
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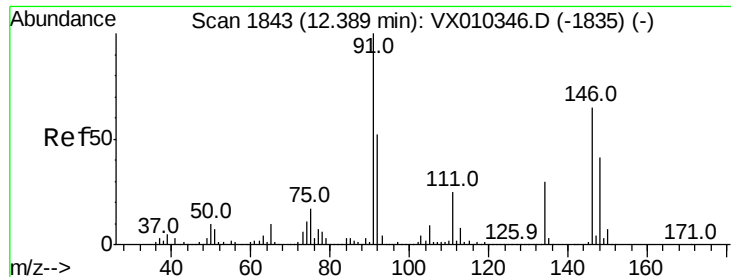
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#90
Hexachloroethane
Concen: 15.743 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.9	44.0	131.8





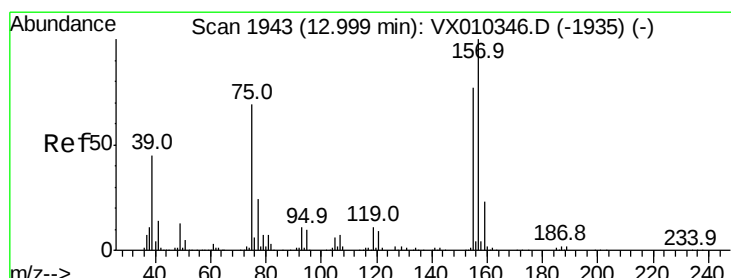
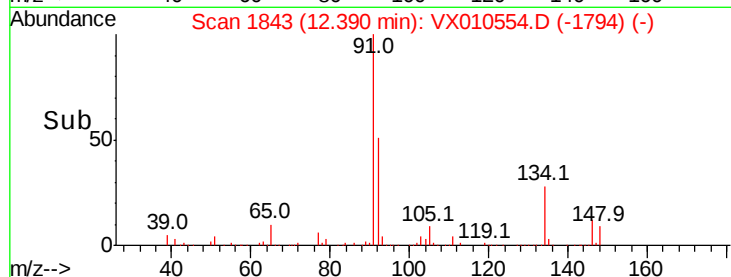
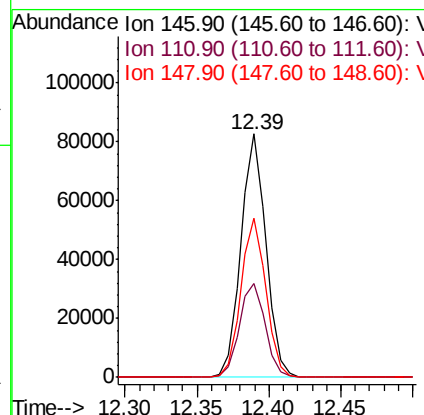
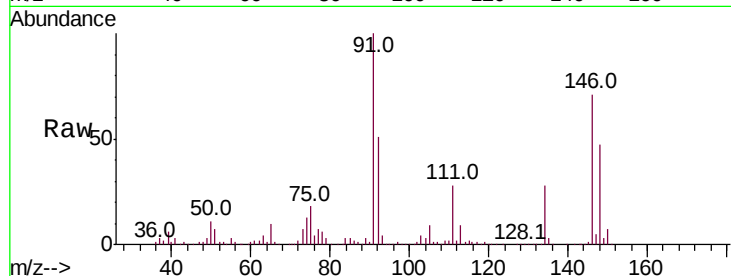
#91
1,2-Dichlorobenzene
Concen: 18.778 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.2	57.6
148	65.4	32.0	96.0

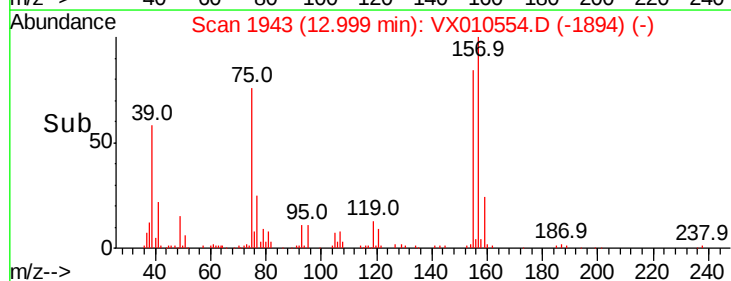
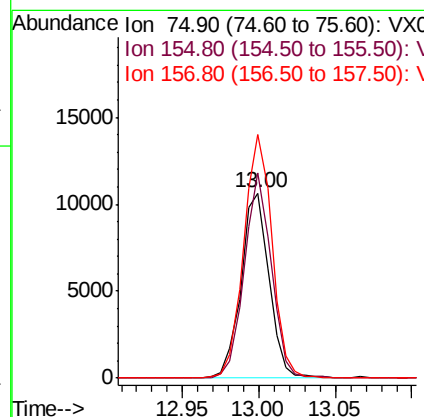
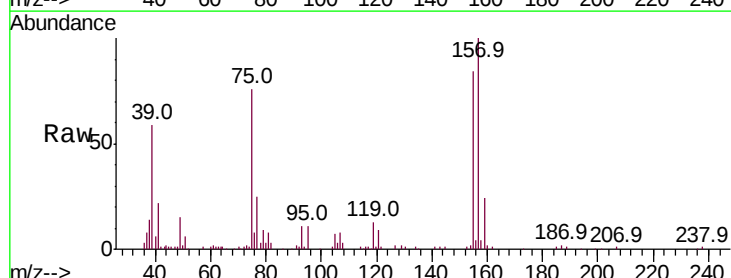
Manual Integrations
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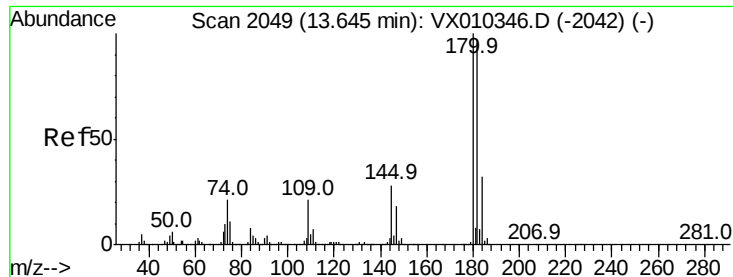
MMDadoda
7/1/2019 10:40:48 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.245 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.1	54.4	163.1
157	131.9	69.5	208.3





#93

1,2,4-Trichlorobenzene

Concen: 18.778 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

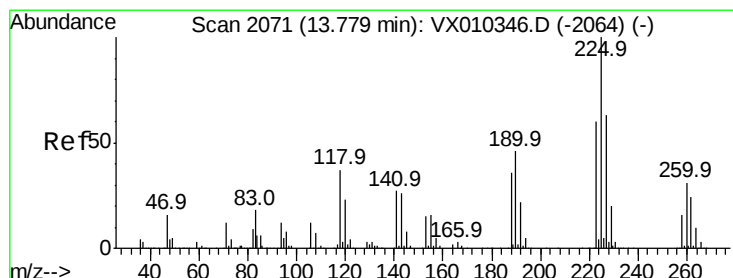
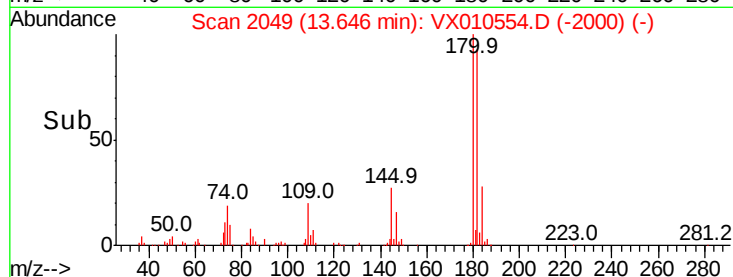
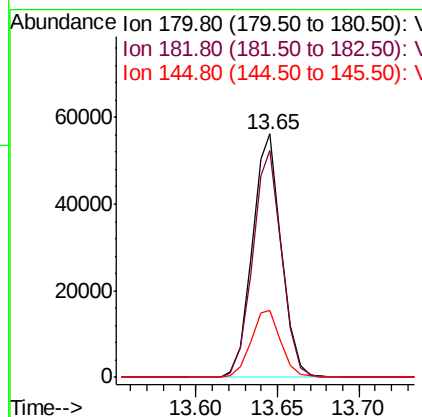
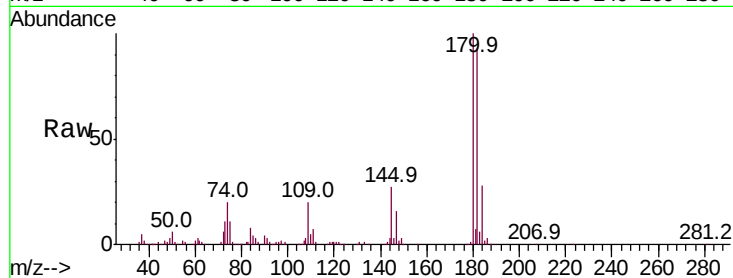
ClientSampleId :

VX0628WBS02

Tot Ion:	180	Resp:	69520
Ion Ratio	Lower	Upper	
180	100		
182	93.2	48.0	144.0
145	28.3	14.4	43.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 17.586 ug/l

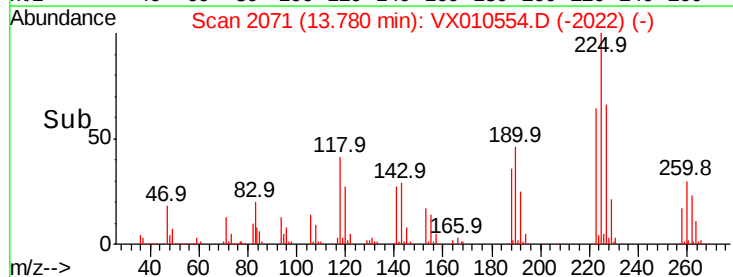
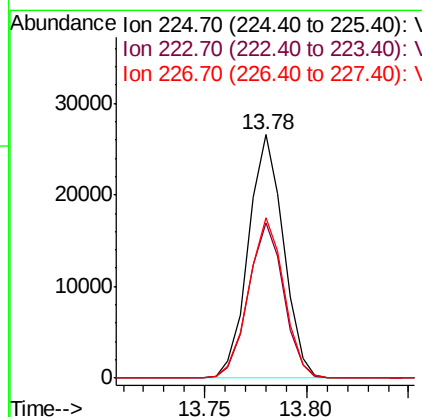
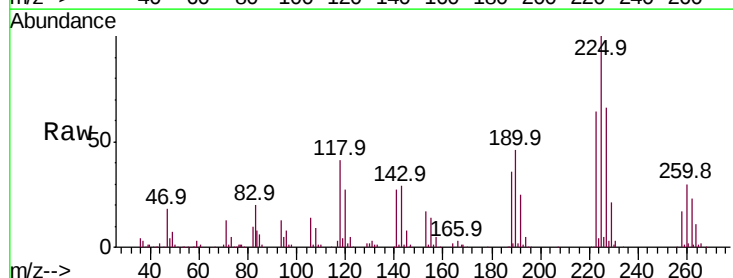
RT: 13.78 min Scan# 2071

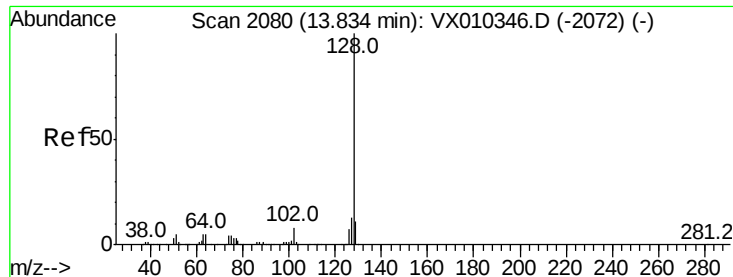
Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Tgt Ion:	225	Resp:	31819
Ion Ratio	Lower	Upper	
225	100		
223	63.9	30.9	92.7
227	66.5	31.9	95.5





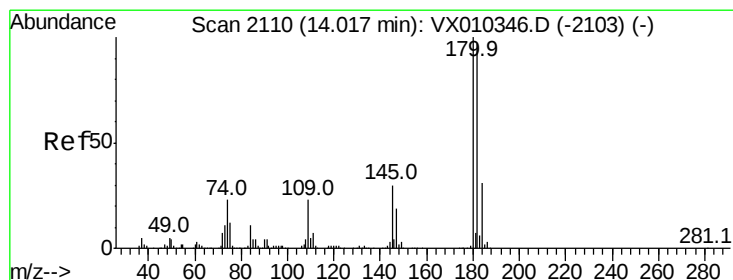
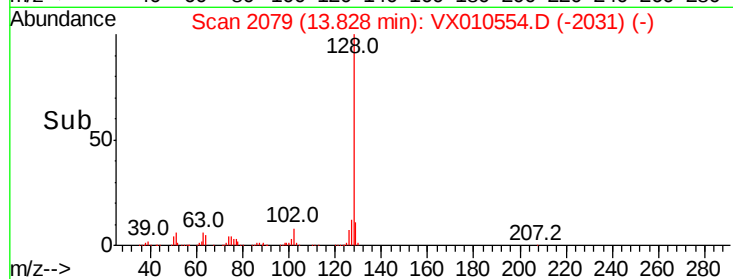
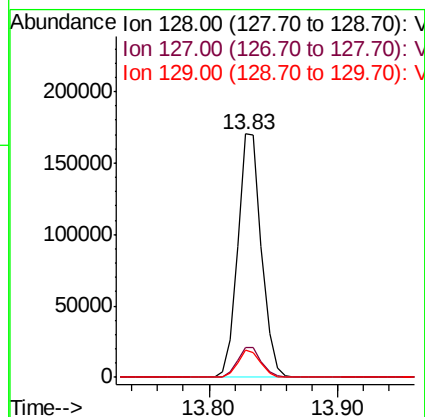
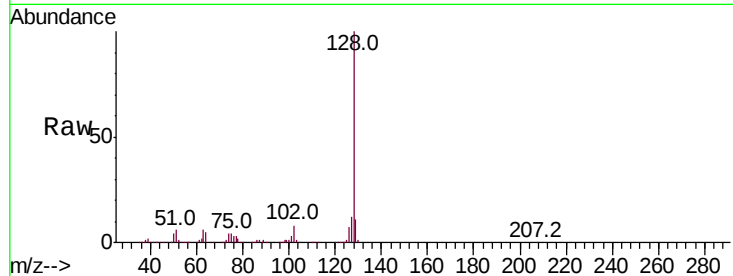
#95
Naphthalene
Concen: 19.172 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
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7/1/2019 10:40:48 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.117 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	30.0	15.2	45.6

