

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
 Data File : VX010343.D
 Acq On : 19 Jun 2019 12:18
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 1:23:14 PM

Quant Time: Jun 20 03:21:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:08:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	301020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	438062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	390892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190532	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	2242	0.860 ug/l	91
3) Chloromethane	1.32	50	2659	0.990 ug/l	99
4) Vinyl Chloride	1.40	62	3109	1.208 ug/l	92
6) Chloroethane	1.73	64	1796	1.361 ug/l	89
7) Trichlorofluoromethane	1.93	101	4331	1.110 ug/l	95
8) Diethyl Ether	2.18	74	1585	1.163 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2867	1.089 ug/l	98
12) 1,1-Dichloroethene	2.37	96	2762	1.026 ug/l #	88
14) Allyl chloride	2.73	41	3545	0.877 ug/l	92
15) Acrylonitrile	3.15	53	6975	4.737 ug/l	90
16) Acetone	2.45	43	6587	4.685 ug/l	98
17) Carbon Disulfide	2.57	76	7525	0.975 ug/l	97
18) Methyl Acetate	2.77	43	2862	0.948 ug/l #	85
19) Methyl tert-butyl Ether	3.20	73	8367	0.969 ug/l	94
20) Methylene Chloride	2.86	84	3056	1.010 ug/l #	83
21) trans-1,2-Dichloroethene	3.17	96	3073	1.033 ug/l #	84
22) Diisopropyl ether	3.85	45	8100	1.041 ug/l #	88
23) Vinyl Acetate	3.81	43	29565	4.260 ug/l	98
24) 1,1-Dichloroethane	3.70	63	4452	0.944 ug/l	98
25) 2-Butanone	4.68	43	9477	4.577 ug/l	95
26) 2,2-Dichloropropane	4.57	77	4185	0.983 ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	3394	1.022 ug/l	96
28) Bromochloromethane	5.02	49	2573	1.210 ug/l #	85
29) Tetrahydrofuran	5.13	42	6644	5.125 ug/l	96
30) Chloroform	5.21	83	5026	1.026 ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	4284	0.932 ug/l #	47
36) 1,1-Dichloropropene	5.80	75	3831	1.073 ug/l	97
37) Ethyl Acetate	4.84	43	3213	0.861 ug/l #	92
38) Carbon Tetrachloride	5.77	117	3795	0.941 ug/l	98
39) Methylcyclohexane	7.46	83	4747	0.980 ug/l	90
40) Benzene	6.13	78	10978	0.992 ug/l	98
41) Methacrylonitrile	5.04	41	2041	1.015 ug/l #	69
42) 1,2-Dichloroethane	6.19	62	2884	0.820 ug/l	88
43) Isopropyl Acetate	6.44	43	5431	0.874 ug/l #	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	3274	0.981	ug/l	99
45) 1,2-Dichloropropane	7.51	63	2905	1.049	ug/l #	86
46) Dibromomethane	7.66	93	1965	0.947	ug/l	95
47) Bromodichloromethane	7.90	83	3465	0.899	ug/l #	96
48) Methyl methacrylate	7.77	41	2342	0.809	ug/l	90
49) 1,4-Dioxane	7.74	88	1560	18.837	ug/l	90
51) 4-Methyl-2-Pentanone	8.64	43	18432	4.942	ug/l	99
52) Toluene	8.78	92	7287	0.999	ug/l	93
53) t-1,3-Dichloropropene	9.04	75	3884	0.876	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	4036	0.845	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	2849	0.955	ug/l #	84
56) Ethyl methacrylate	9.18	69	4199	0.897	ug/l	97
57) 1,3-Dichloropropane	9.37	76	4397	0.937	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.31	63	9385	4.245	ug/l	99
59) 2-Hexanone	9.49	43	13903	4.669	ug/l	96
60) Dibromochloromethane	9.58	129	3193	0.911	ug/l	93
61) 1,2-Dibromoethane	9.67	107	3071	0.927	ug/l	96
64) Tetrachloroethene	9.34	164	3577	1.211	ug/l	92
65) Chlorobenzene	10.13	112	8140	1.009	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	2643	0.855	ug/l #	65
67) Ethyl Benzene	10.25	91	13771	1.002	ug/l	95
68) m/p-Xylenes	10.35	106	10471	1.968	ug/l	94
69) o-Xylene	10.69	106	5193	0.984	ug/l	93
70) Styrene	10.71	104	8000	0.896	ug/l	98
71) Bromoform	10.86	173	2207	0.779	ug/l #	98
73) Isopropylbenzene	11.02	105	12959	0.978	ug/l	98
74) N-amyl acetate	10.90	43	4164	0.795	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	4387	0.969	ug/l	95
76) 1,2,3-Trichloropropane	11.30	75	3429m	0.908	ug/l	
77) Bromobenzene	11.26	156	3944	1.080	ug/l	90
78) n-propylbenzene	11.36	91	13929	0.944	ug/l	98
79) 2-Chlorotoluene	11.42	91	8702	0.984	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	10492	0.938	ug/l	100
82) 4-Chlorotoluene	11.51	91	9419	0.938	ug/l	96
83) tert-Butylbenzene	11.77	119	10291	0.912	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	10287	0.911	ug/l	97
85) sec-Butylbenzene	11.94	105	12181	0.925	ug/l	100
86) p-Isopropyltoluene	12.06	119	11415	0.947	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	6464	1.007	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	7293m	1.123	ug/l	
89) n-Butylbenzene	12.38	91	9526	0.919	ug/l	95
90) Hexachloroethane	12.60	117	1693	0.715	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	6634	1.058	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	939	0.893	ug/l	79
93) 1,2,4-Trichlorobenzene	13.65	180	4455	0.972	ug/l	96
94) Hexachlorobutadiene	13.78	225	2307	1.115	ug/l	97
95) Naphthalene	13.83	128	12371	0.861	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	4077	0.898	ug/l	98

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VSTDICC001

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

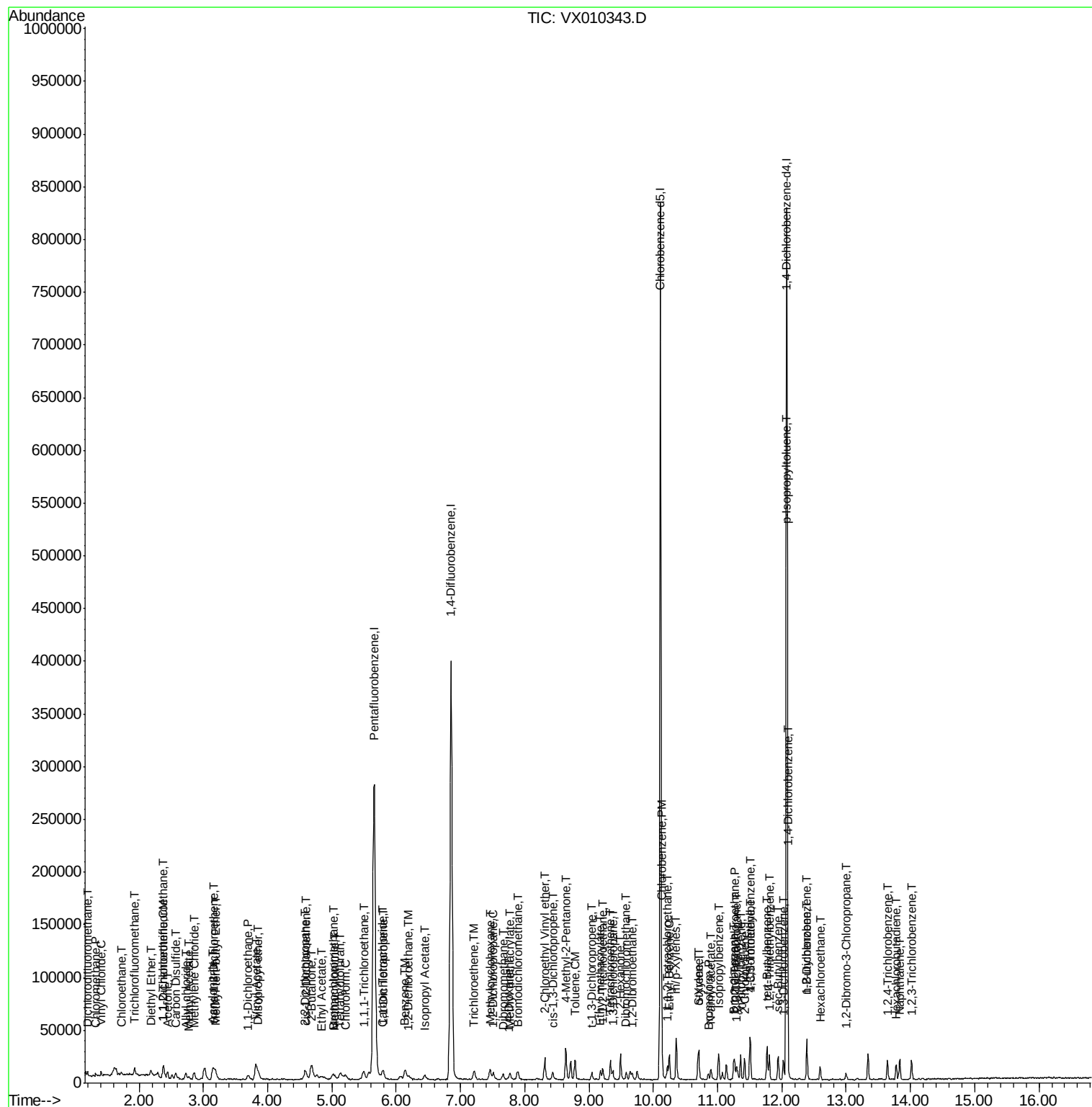
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
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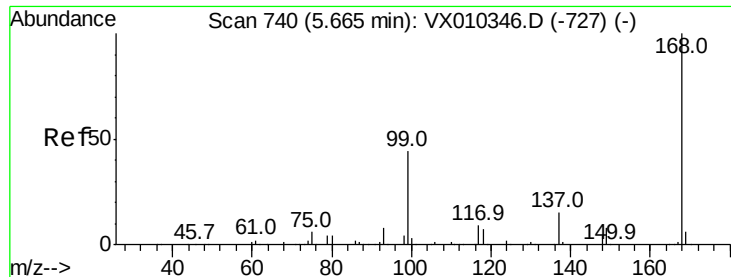
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 301020

Ion Ratio Lower Upper

168 100

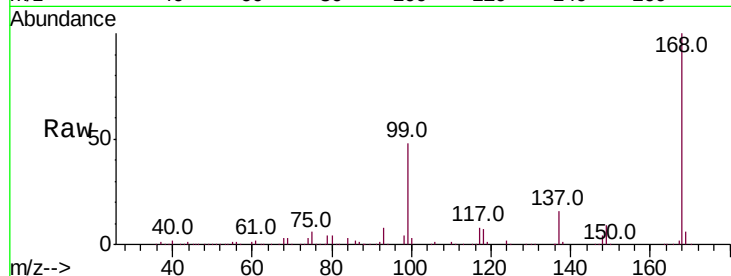
99 47.8 35.5 53.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

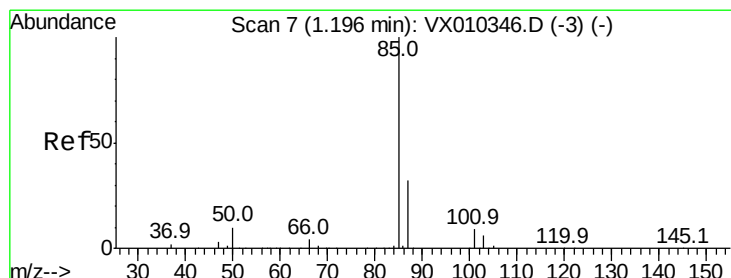
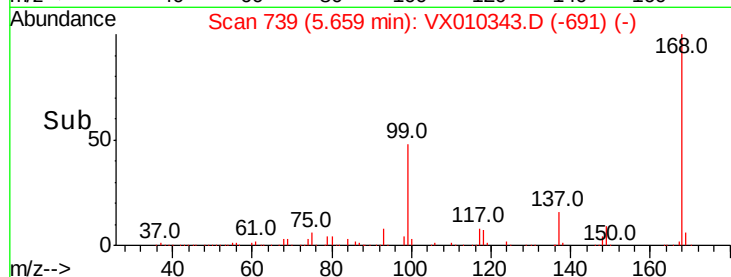
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.860 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010343.D

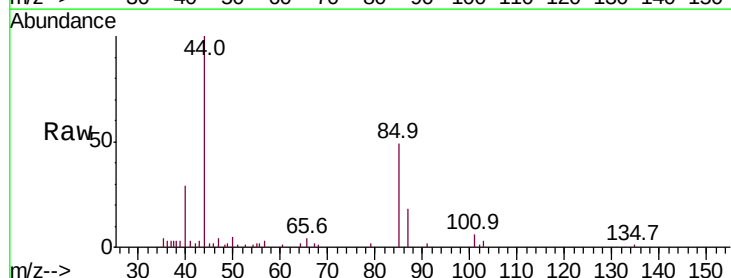
Acq: 19 Jun 2019 12:18

Tgt Ion: 85 Resp: 2242

Ion Ratio Lower Upper

85 100

87 37.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

2000

1500

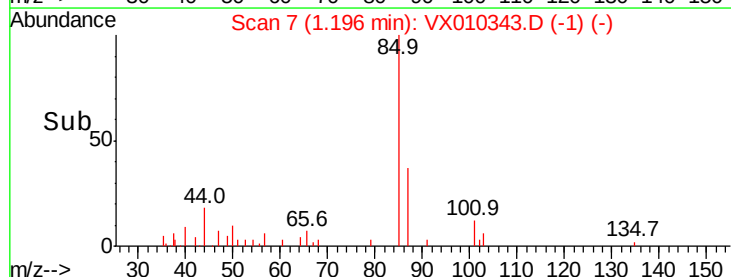
1000

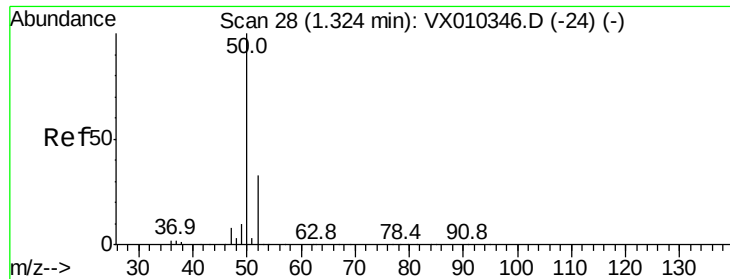
500

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 0.990 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2659

Ion Ratio Lower Upper

50 100

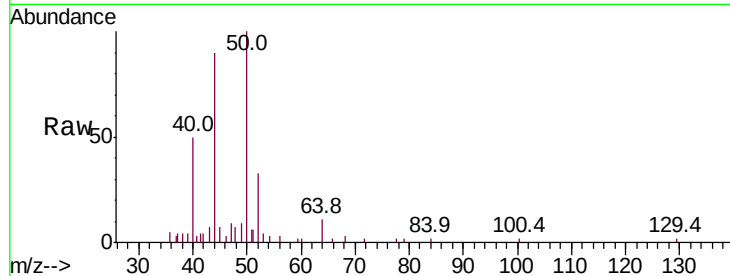
52 33.9 26.5 39.7

Manual Integrations

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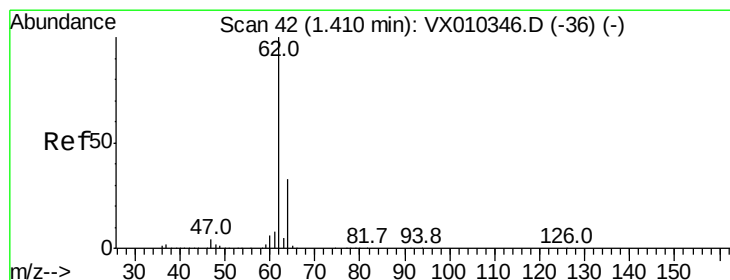
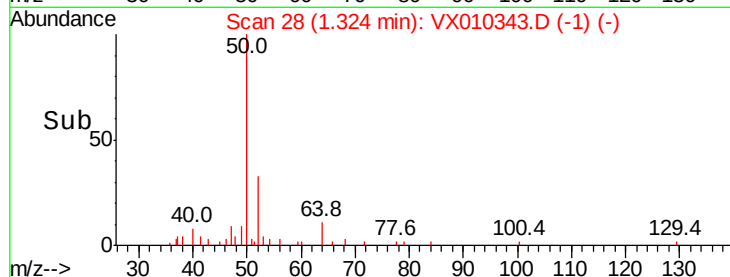
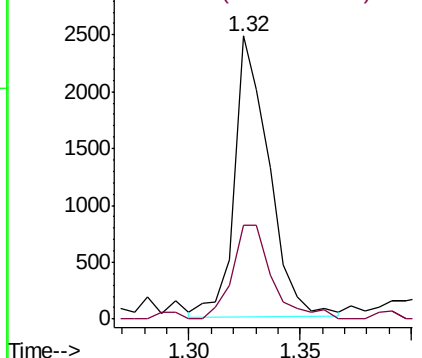
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.208 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010343.D

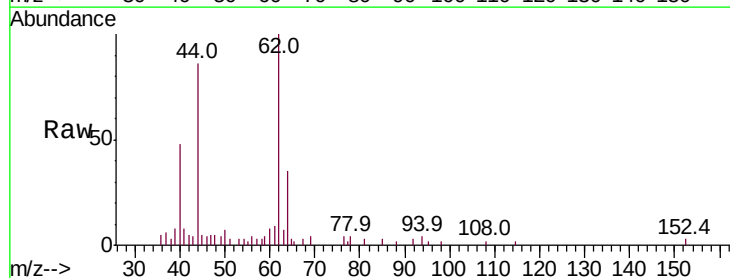
Acq: 19 Jun 2019 12:18

Tgt Ion: 62 Resp: 3109

Ion Ratio Lower Upper

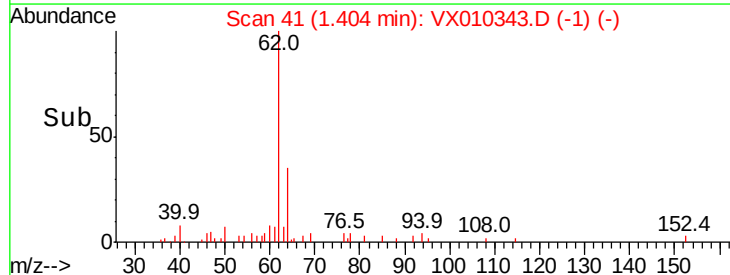
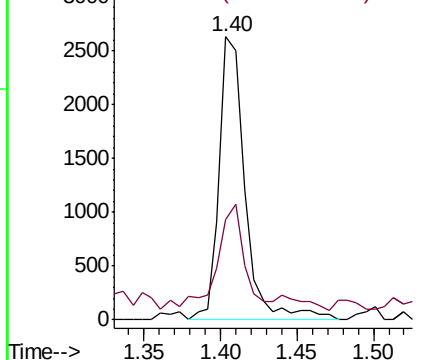
62 100

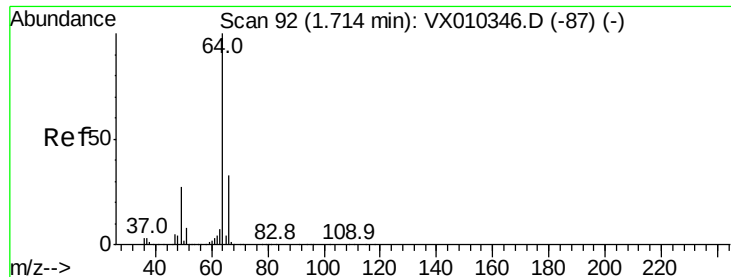
64 28.3 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 1.361 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1796

Ion Ratio Lower Upper

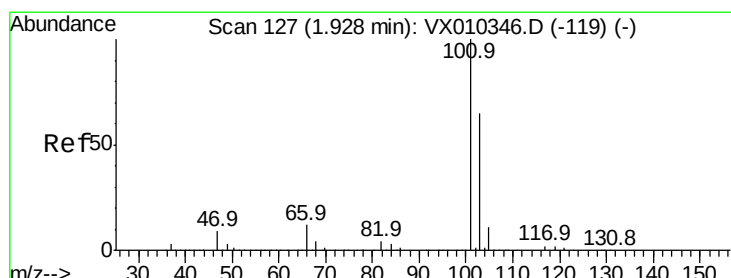
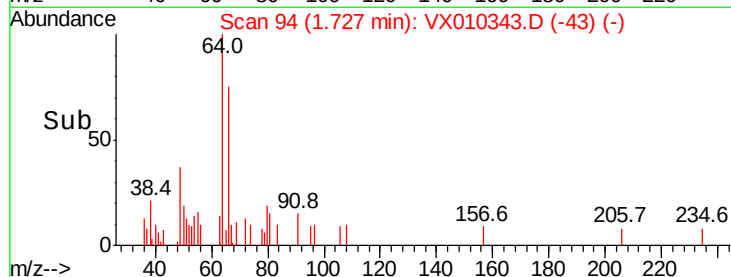
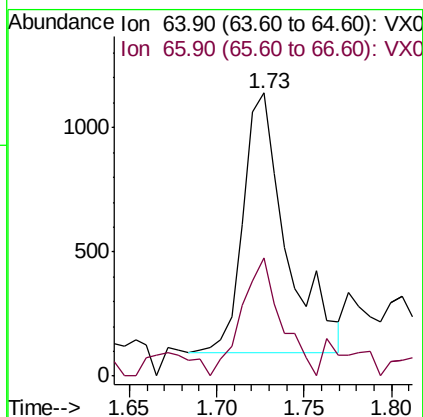
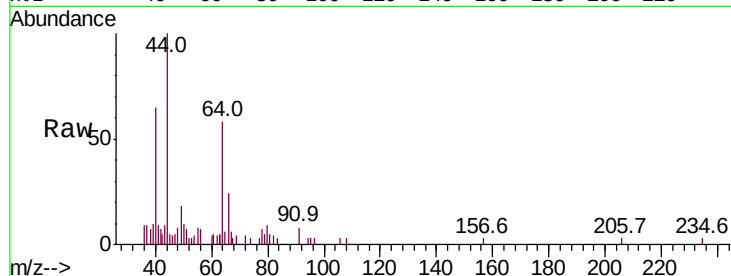
64 100

66 39.4 26.6 40.0

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#7

Trichlorofluoromethane

Concen: 1.110 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.00 min

Lab File: VX010343.D

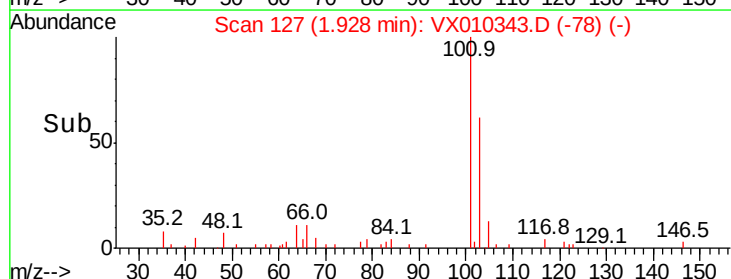
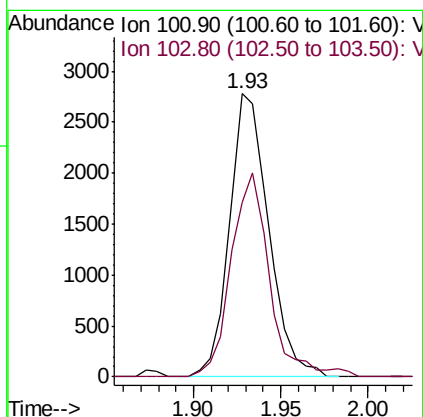
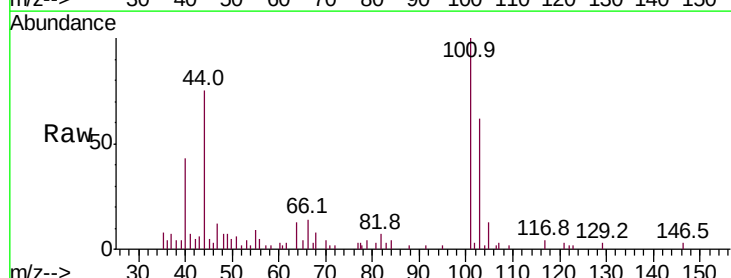
Acq: 19 Jun 2019 12:18

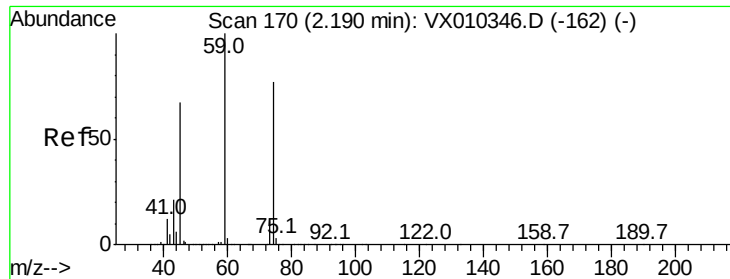
Tgt Ion: 101 Resp: 4331

Ion Ratio Lower Upper

101 100

103 61.8 52.3 78.5





#8

Diethyl Ether

Concen: 1.163 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion: 74 Resp: 1585

Ion Ratio Lower Upper

74 100

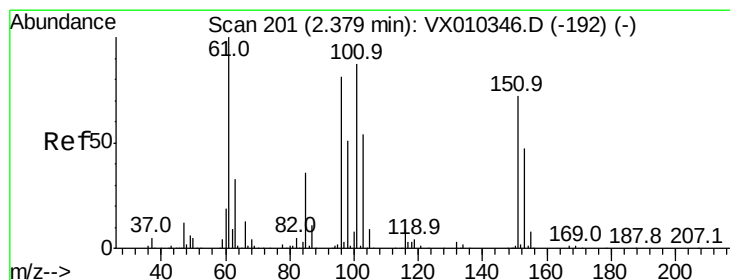
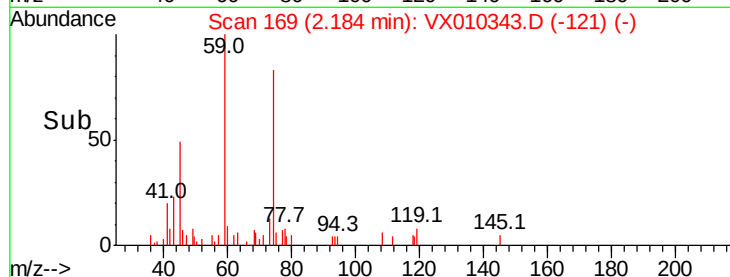
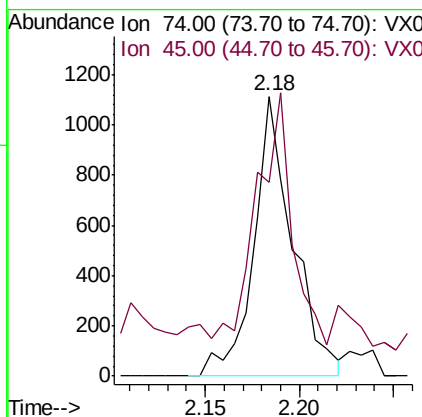
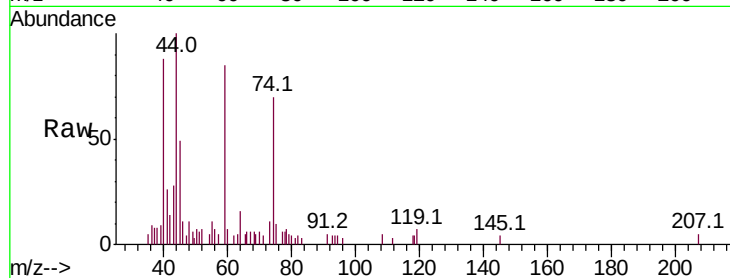
45 90.3 44.8 134.4

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.089 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

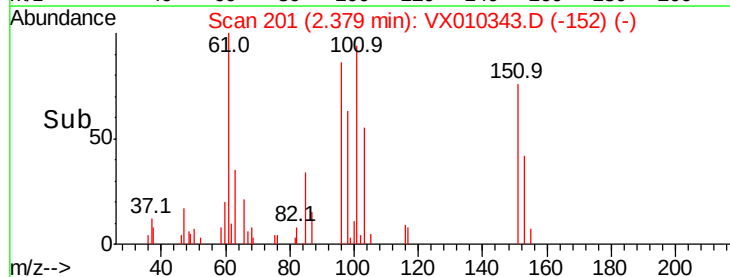
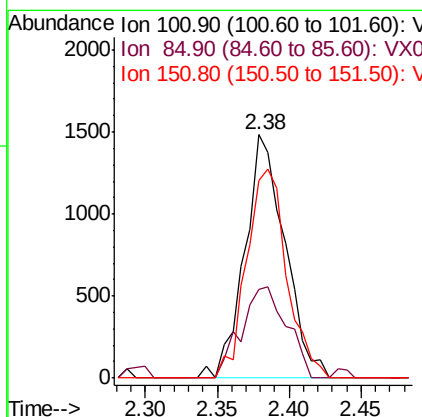
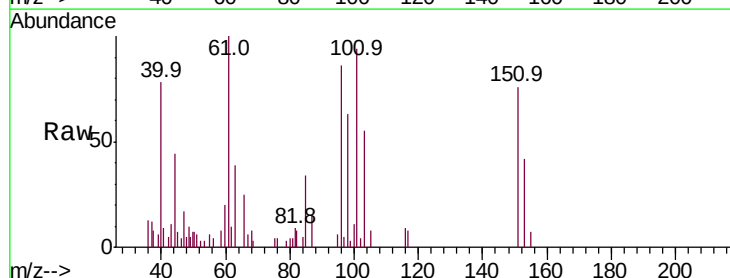
Tgt Ion: 101 Resp: 2867

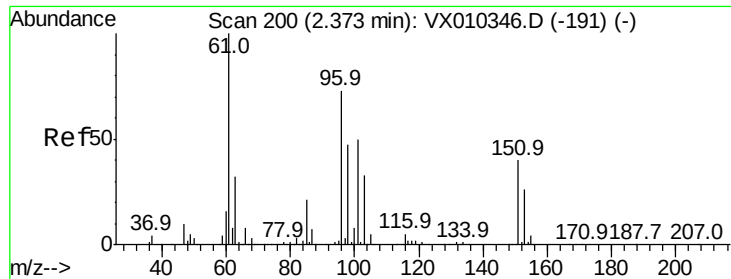
Ion Ratio Lower Upper

101 100

85 42.5 33.7 50.5

151 85.6 70.1 105.1





#12

1,1-Dichloroethene

Concen: 1.026 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

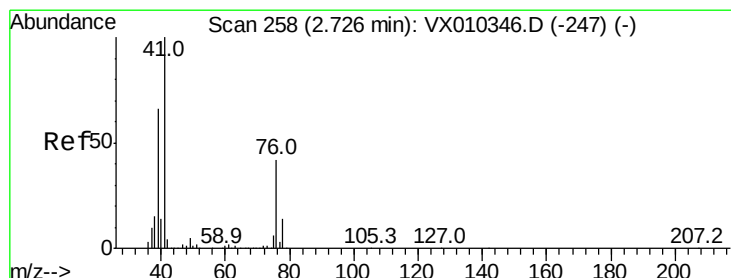
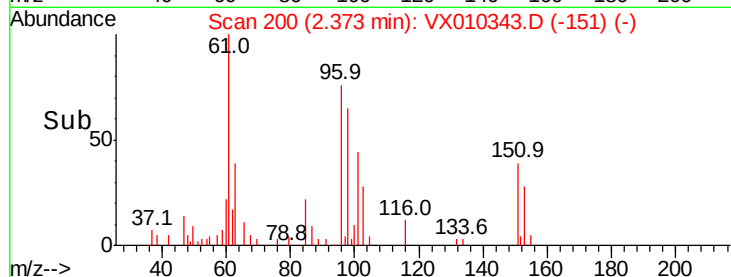
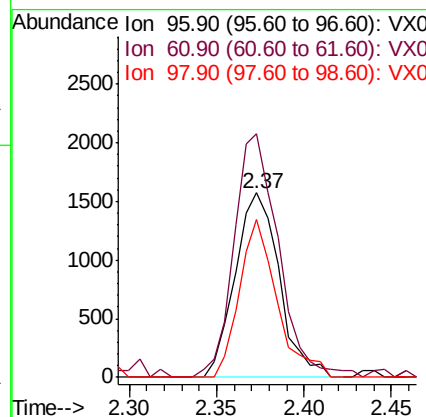
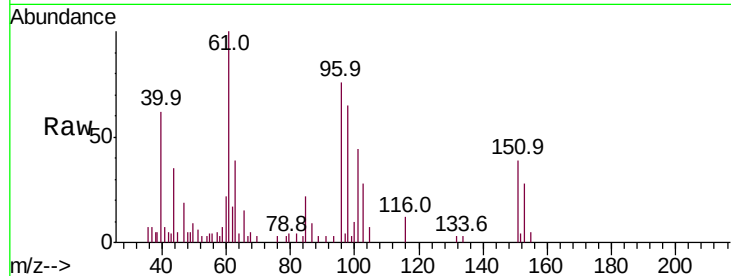
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2762
Ion	Ratio	Lower	Upper
96	100		
61	132.0	109.2	163.8
98	85.8	51.1	76.7#

Manual Integrations
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#14

Allyl chloride

Concen: 0.877 ug/l

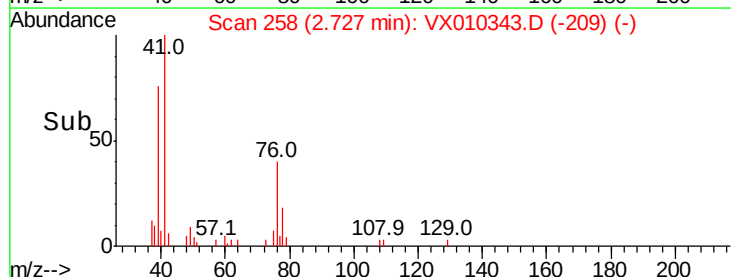
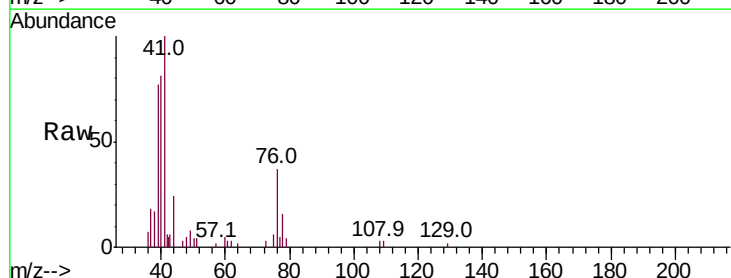
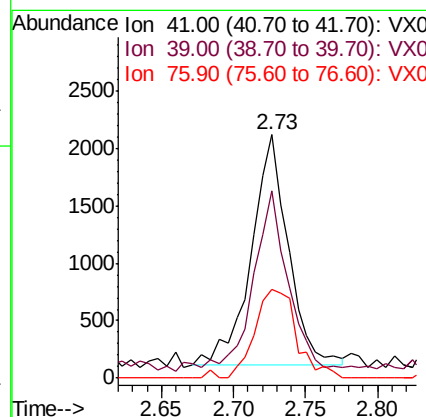
RT: 2.73 min Scan# 258

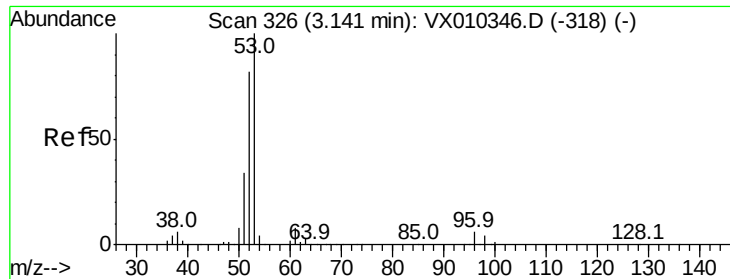
Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Tgt Ion:	41	Resp:	3545
Ion	Ratio	Lower	Upper
41	100		
39	69.8	50.3	75.5
76	43.4	31.3	46.9





#15

Acrylonitrile

Concen: 4.737 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

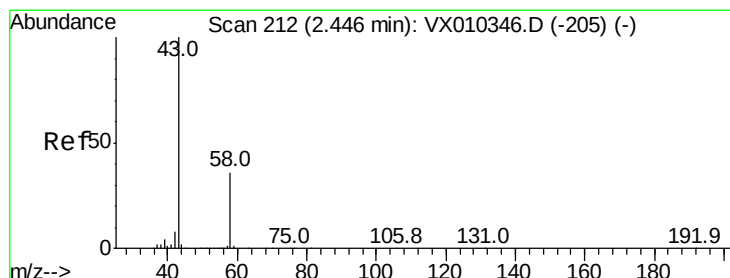
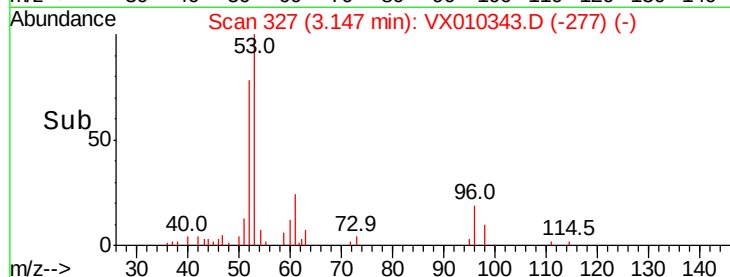
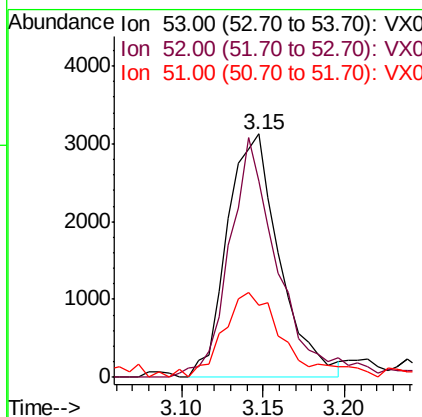
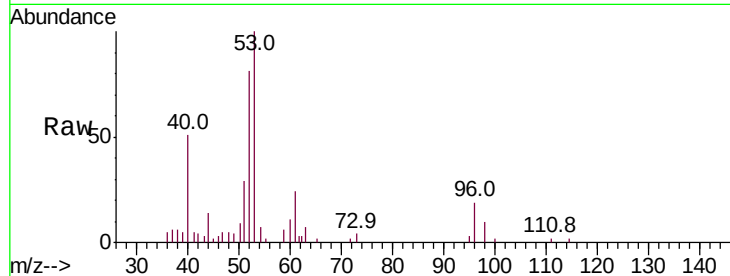
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	6975
Ion	Ratio	Lower	Upper
53	100		
52	91.2	65.5	98.3
51	40.6	28.2	42.4

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#16

Acetone

Concen: 4.685 ug/l

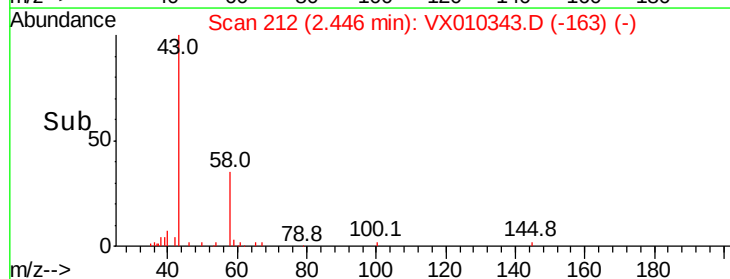
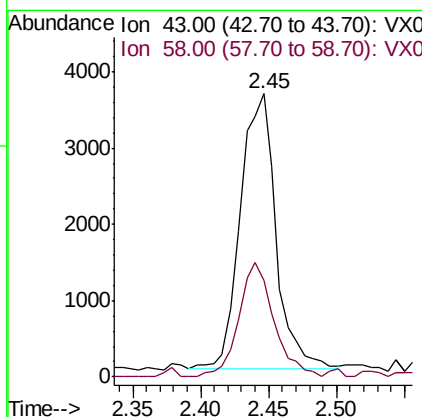
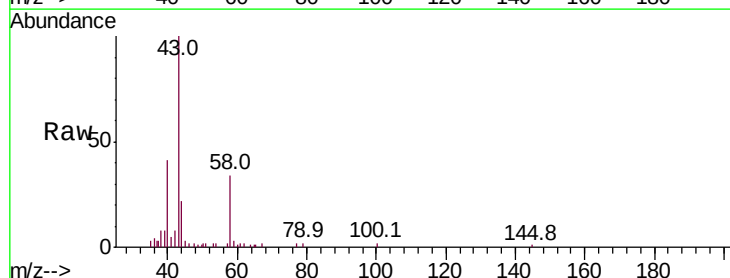
RT: 2.45 min Scan# 212

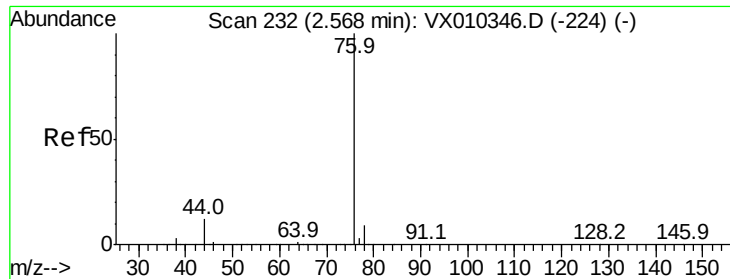
Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Tgt Ion:	43	Resp:	6587
Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.9	43.3





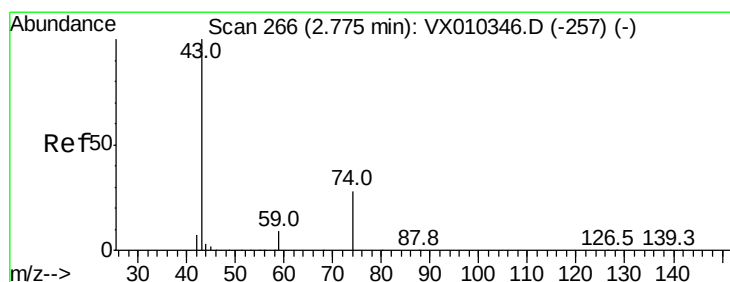
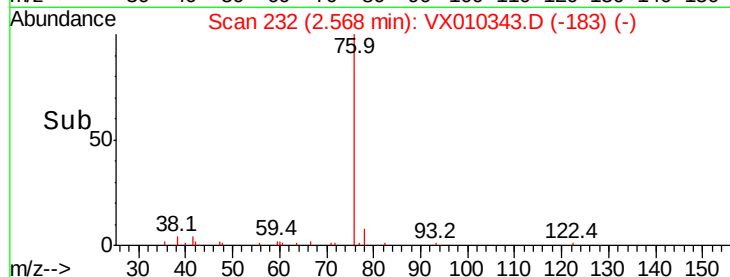
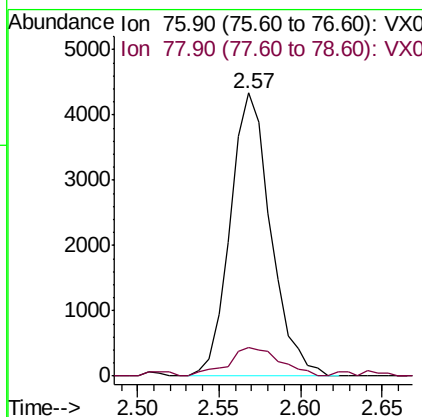
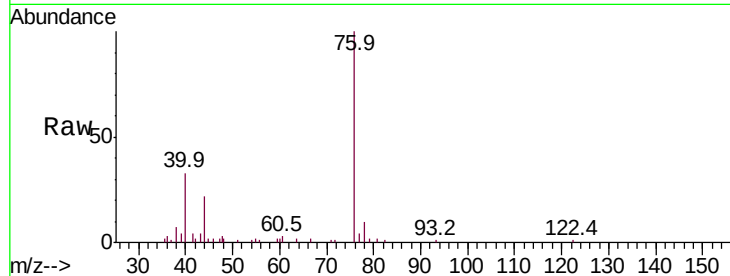
#17
Carbon Disulfide
Concen: 0.975 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.3	10.9

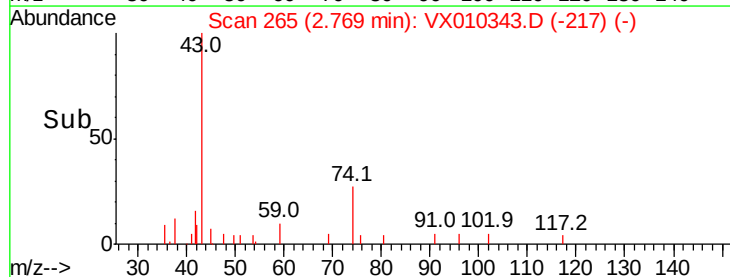
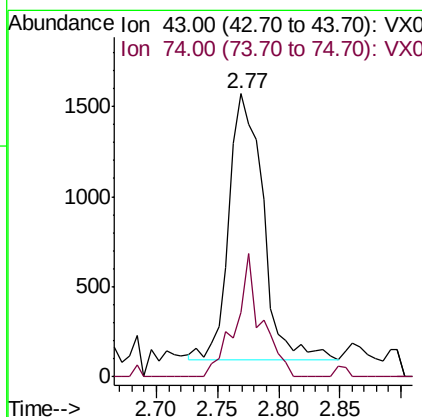
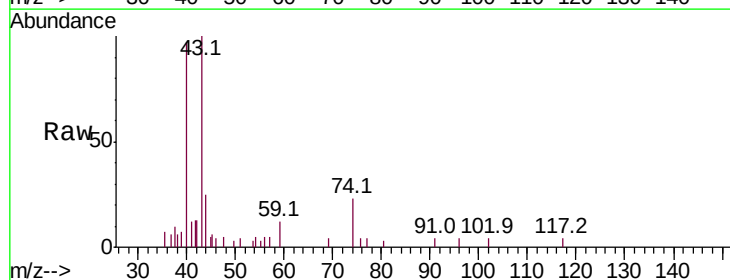
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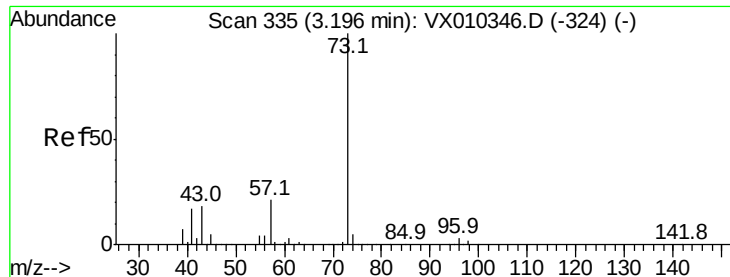
MMDadoda
6/20/2019 1:23:14 PM



#18
Methyl Acetate
Concen: 0.948 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	34.6	21.3	31.9#





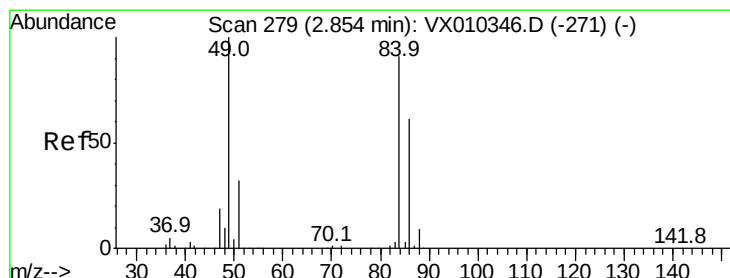
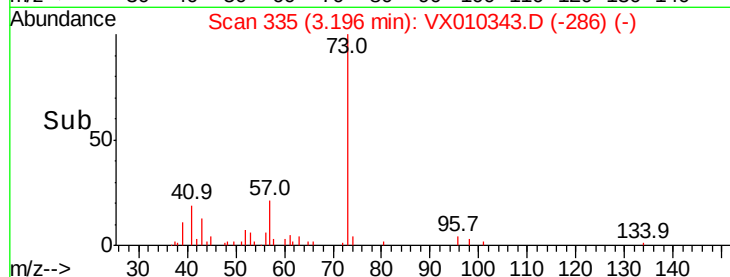
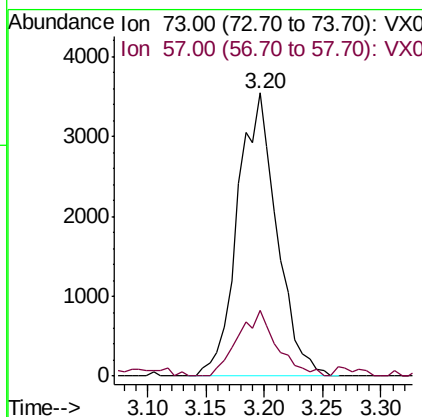
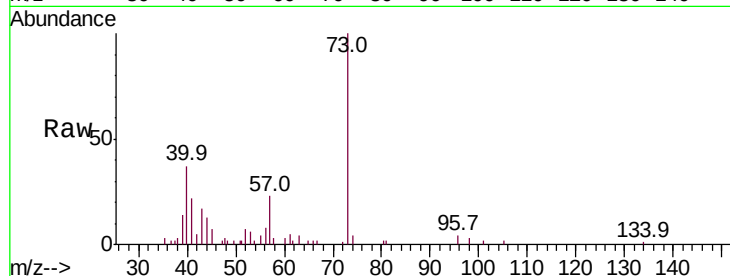
#19
Methvl tert-butyl Ether
Concen: 0.969 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 8367
Ion Ratio Lower Upper
73 100
57 23.1 16.4 24.6

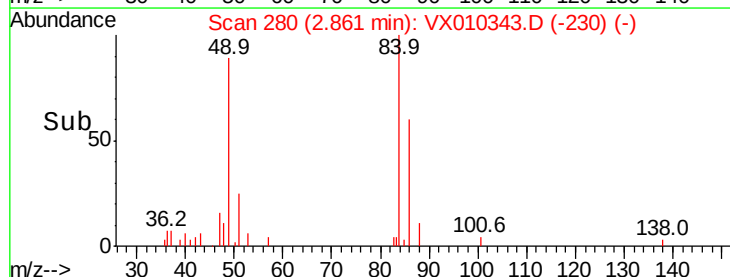
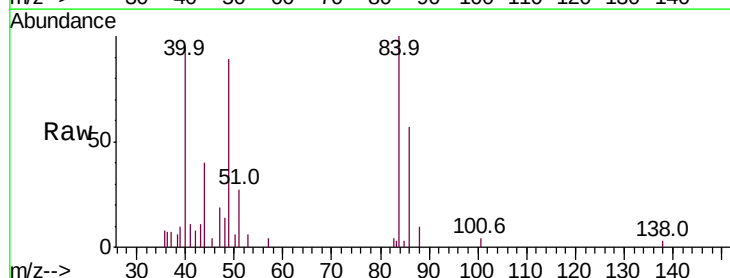
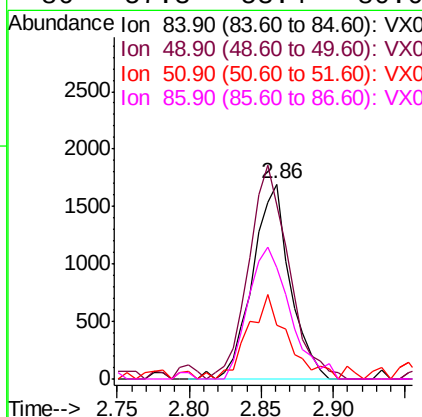
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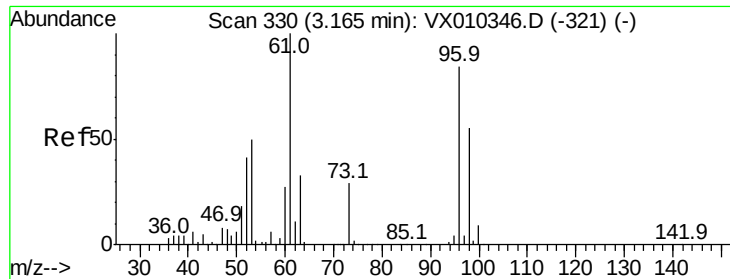
MMDadoda
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#20
Methylene Chloride
Concen: 1.010 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion: 84 Resp: 3056
Ion Ratio Lower Upper
84 100
49 86.4 87.5 131.3#
51 27.4 27.7 41.5#
86 57.3 53.4 80.0





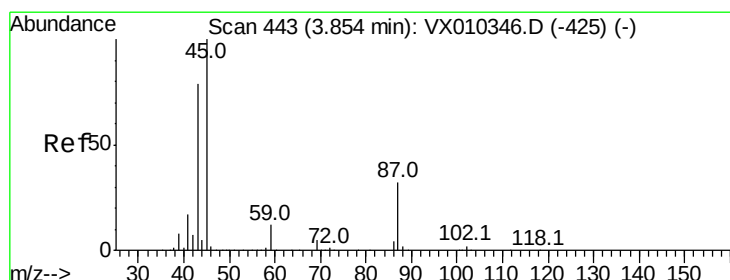
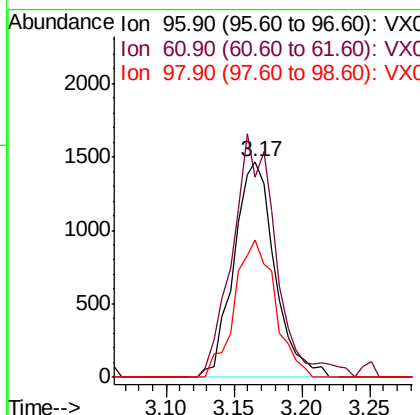
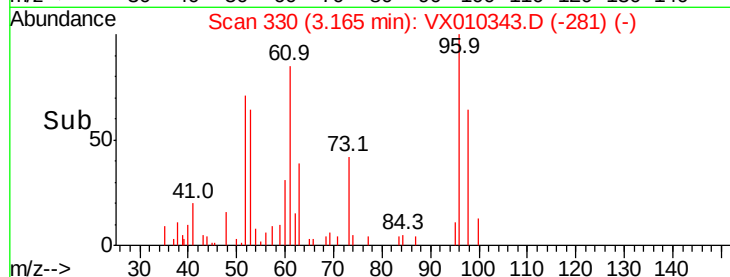
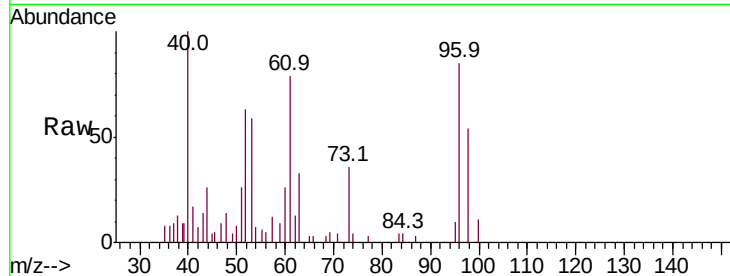
#21
trans-1,2-Dichloroethene
Concen: 1.033 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	92.9	95.6	143.4#
98	63.5	52.5	78.7

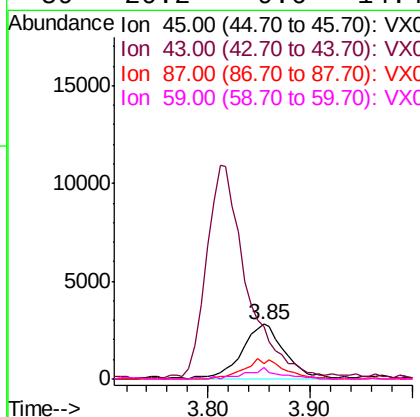
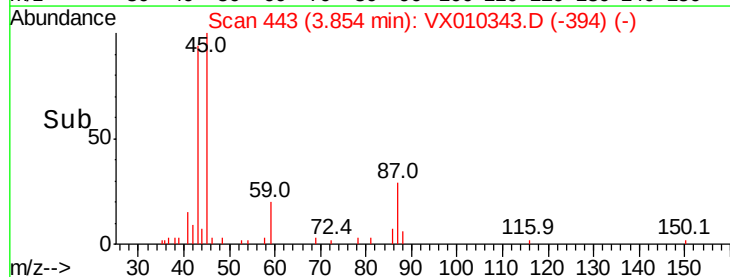
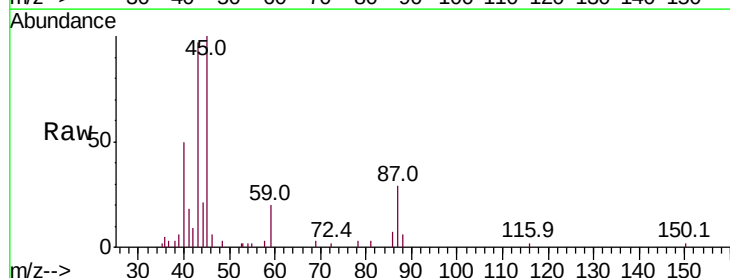
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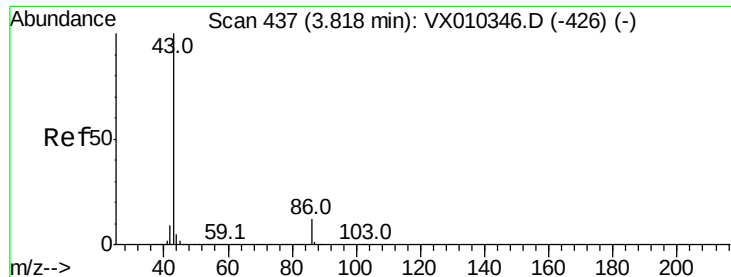
MMDadoda
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#22
Diisopropyl ether
Concen: 1.041 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	90.1	63.3	94.9
87	29.2	25.8	38.8
59	20.2	9.6	14.4#





#23

Vinyl Acetate

Concen: 4.260 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 29565

Ion Ratio Lower Upper

43 100

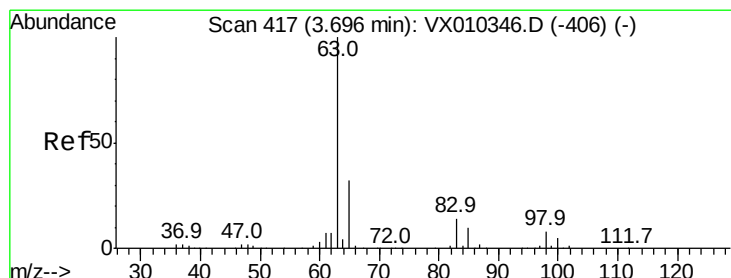
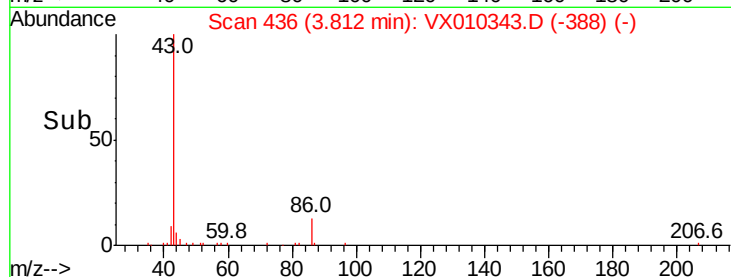
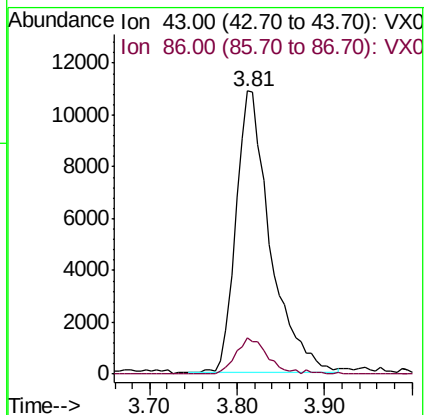
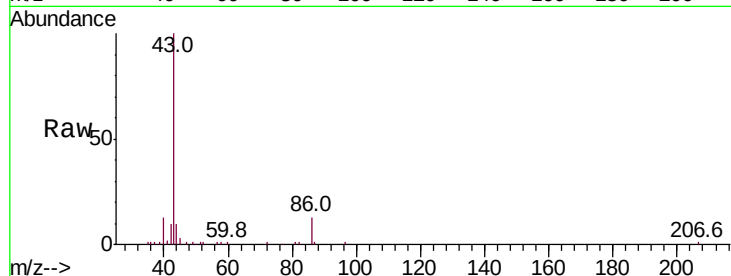
86 13.1 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 0.944 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

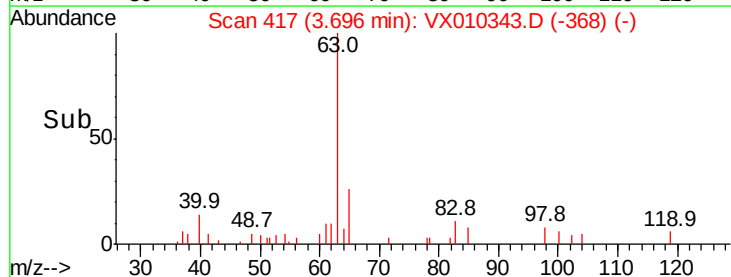
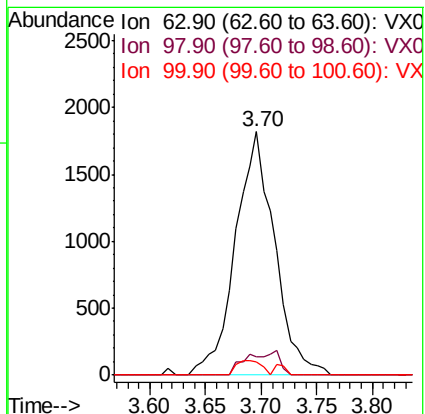
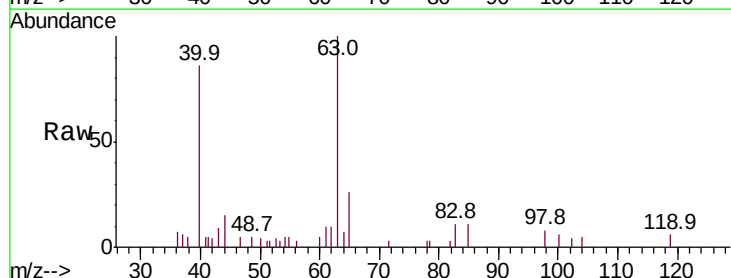
Tgt Ion: 63 Resp: 4452

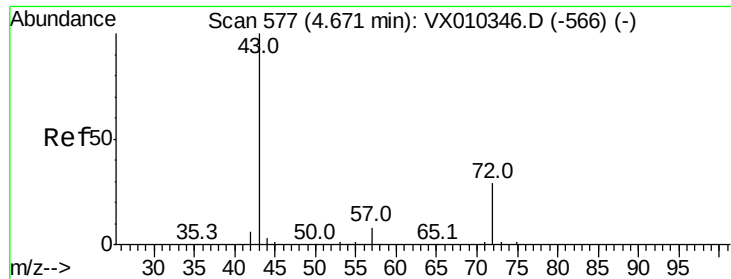
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 5.6 2.4 7.1





#25

2-Butanone

Concen: 4.577 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 9477

Ion Ratio Lower Upper

43 100

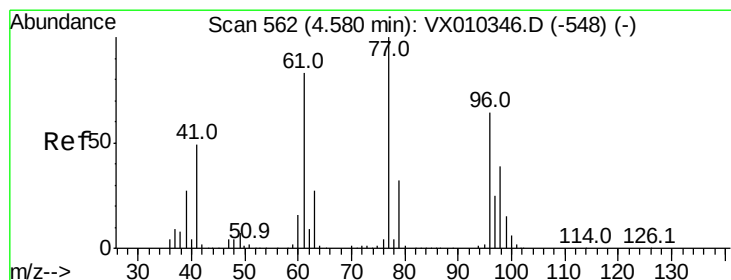
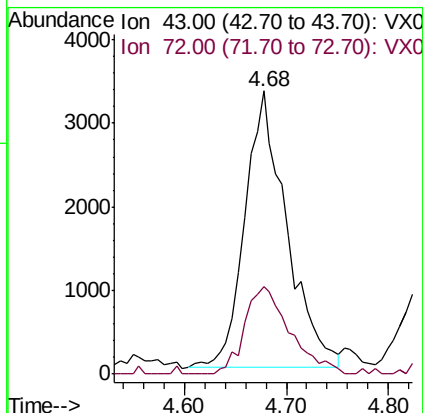
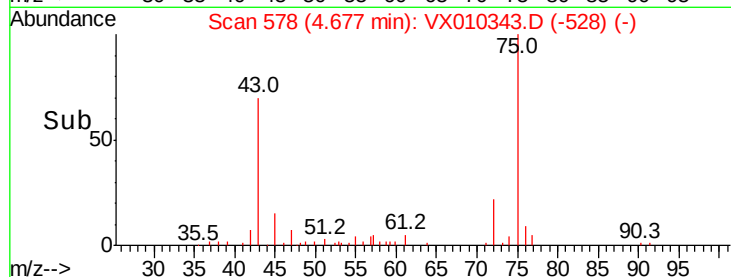
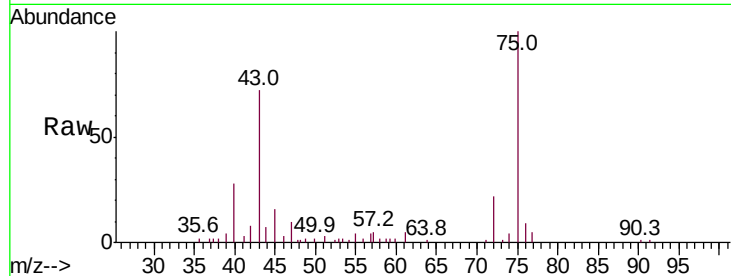
72 31.5 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 0.983 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010343.D

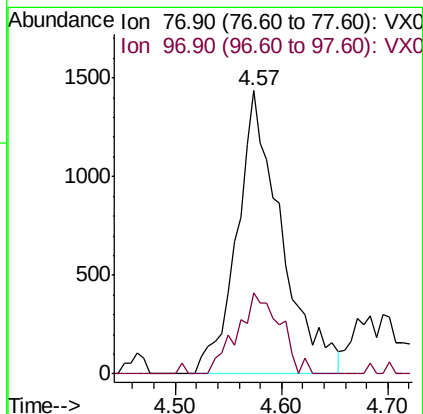
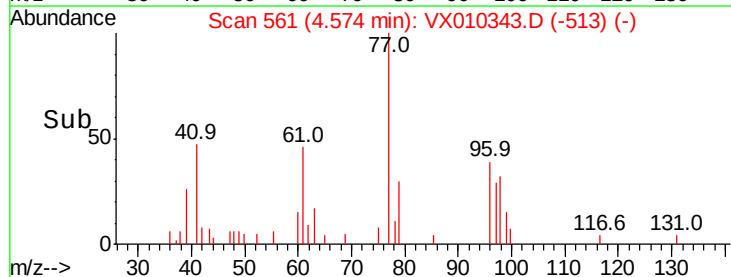
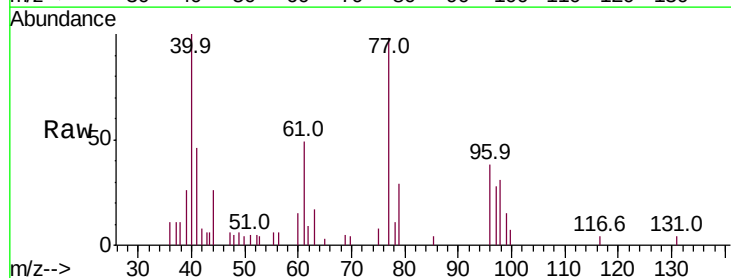
Acq: 19 Jun 2019 12:18

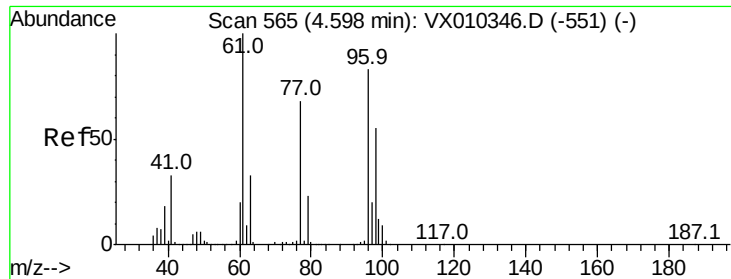
Tgt Ion: 77 Resp: 4185

Ion Ratio Lower Upper

77 100

97 27.6 13.1 39.3





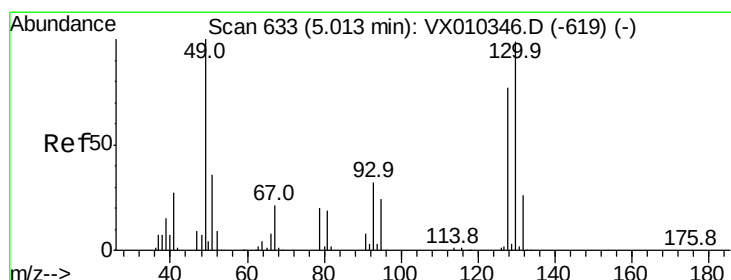
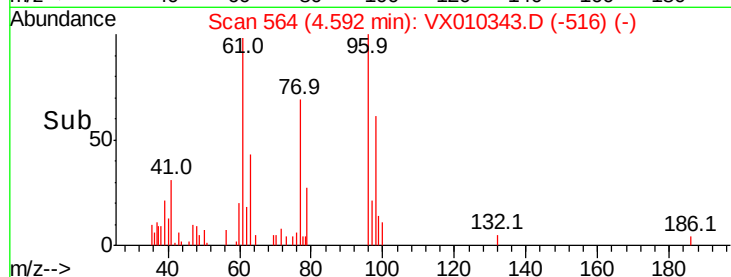
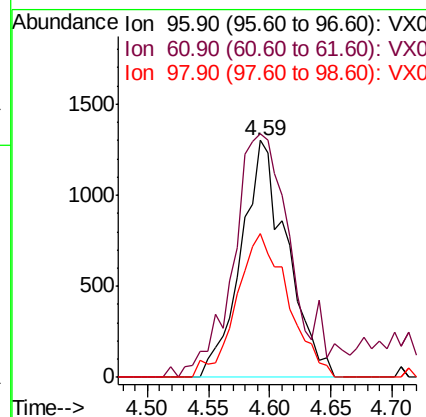
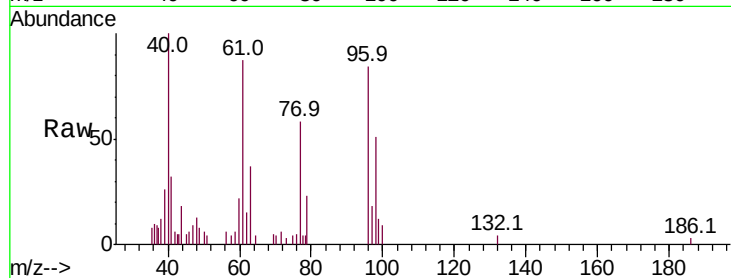
#27
 cis-1,2-Dichloroethene
 Concen: 1.022 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	121.9	0.0	251.8
98	68.3	0.0	129.4

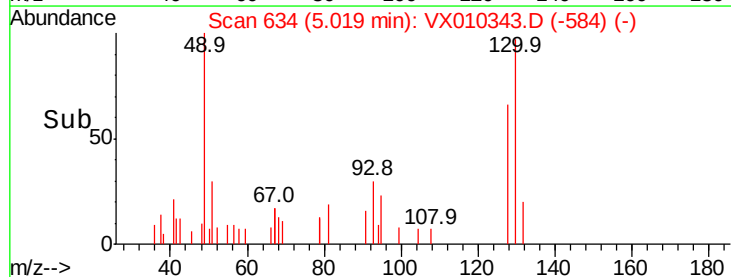
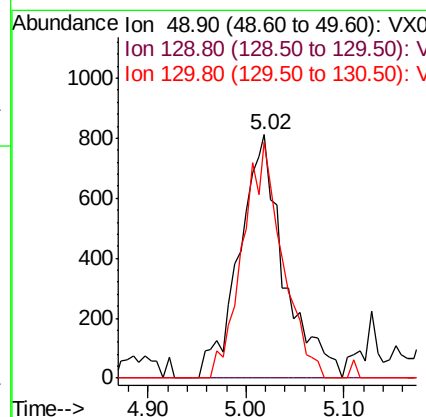
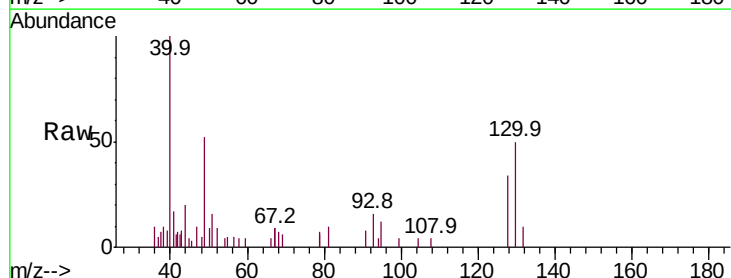
Manual Integrations
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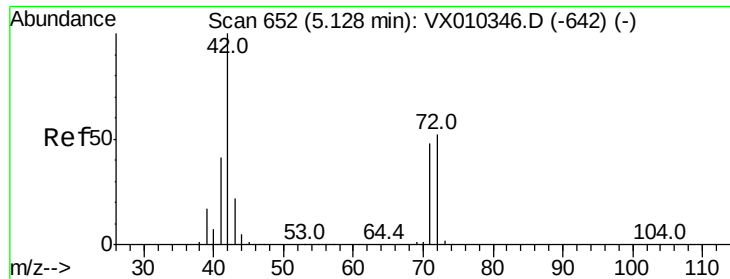
MMDadoda
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#28
 Bromochloromethane
 Concen: 1.210 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.6
130	86.7	81.4	122.0





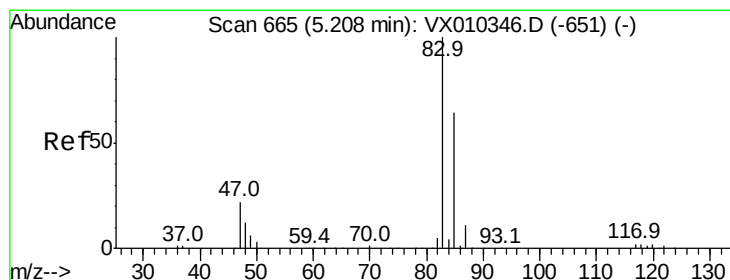
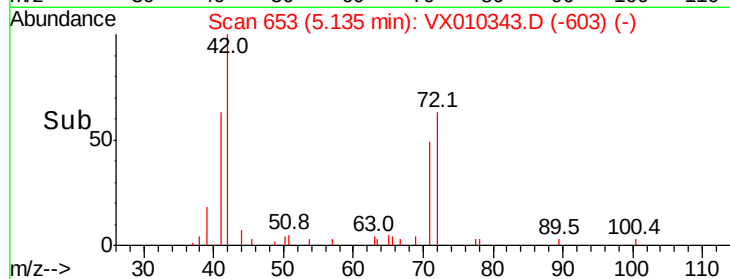
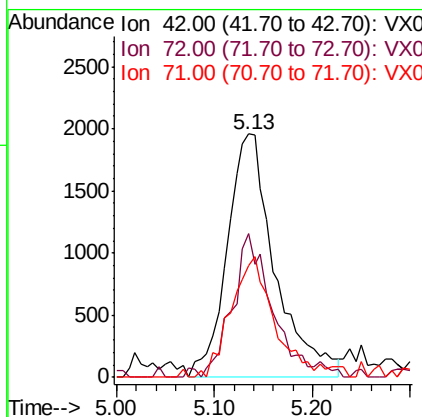
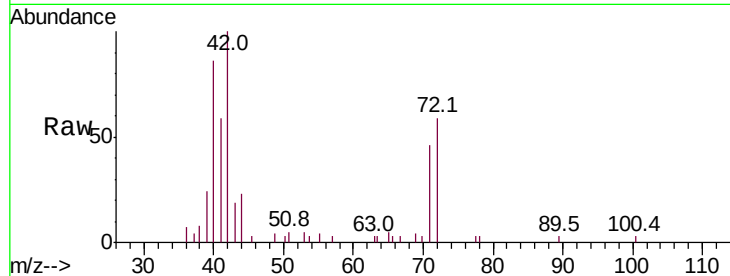
#29
Tetrahydrofuran
Concen: 5.125 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	40.6	60.8
71	44.1	37.8	56.8

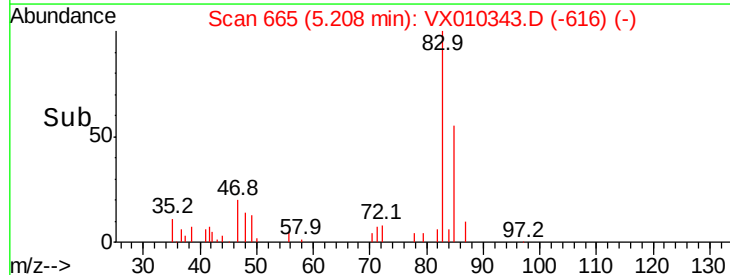
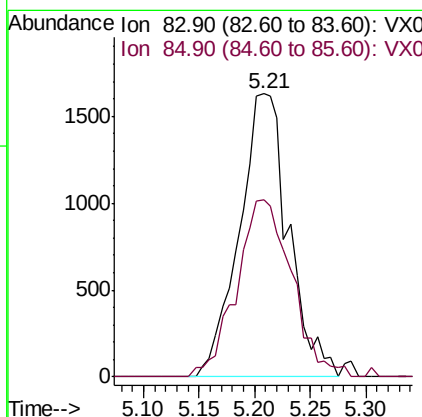
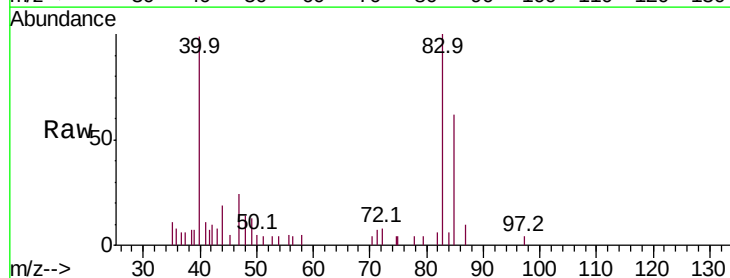
Manual Integrations
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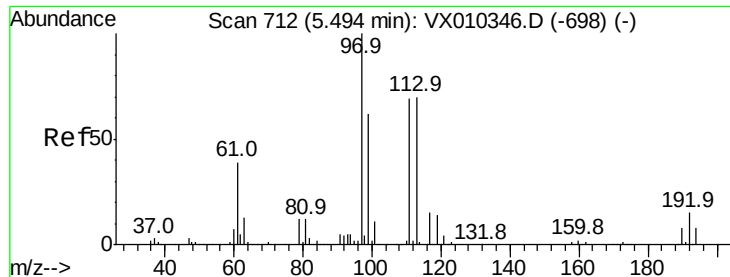
MMDadoda
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#30
Chloroform
Concen: 1.026 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.9	76.3





#32

1,1,1-Trichloroethane

Concen: 0.932 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 4284

Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.8#

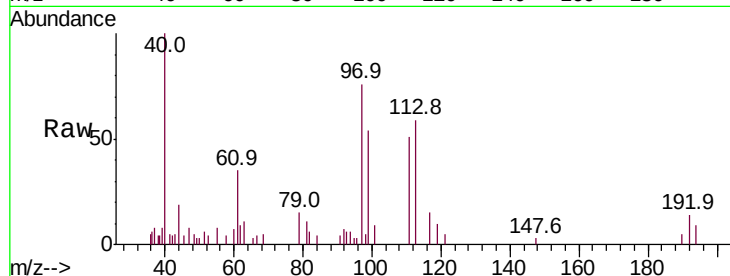
61 43.4 32.1 48.1

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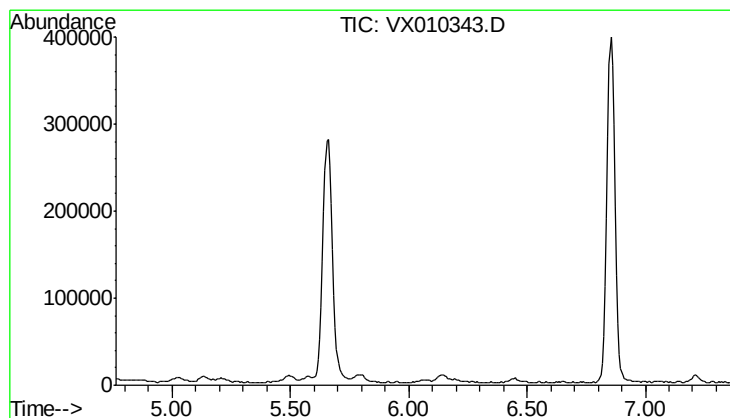
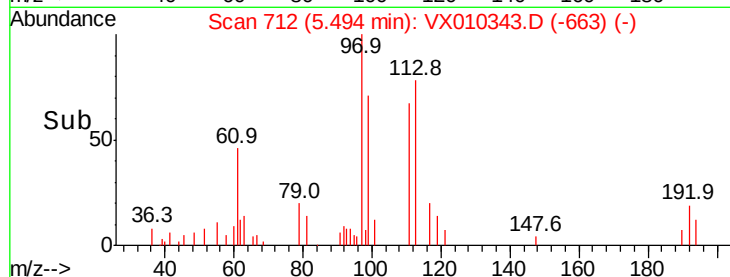
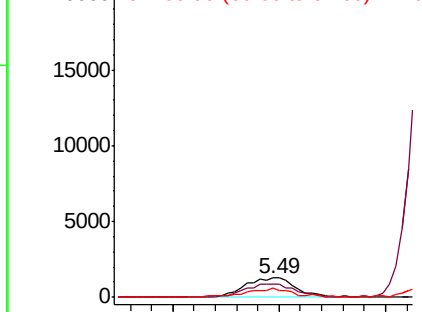


Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.06 min

Lab File: VX010343.D

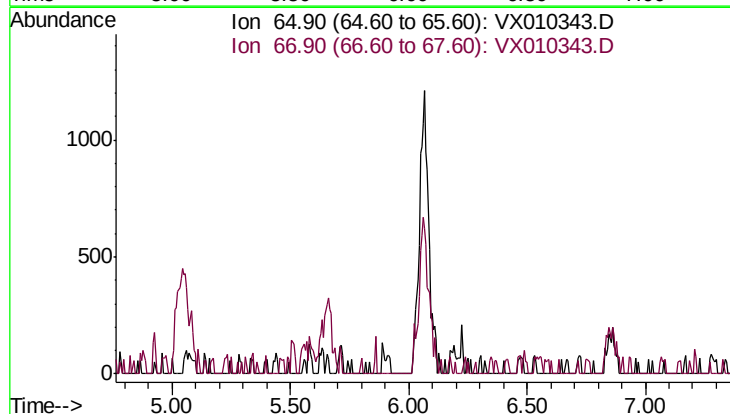
Acq: 19 Jun 2019 12:18

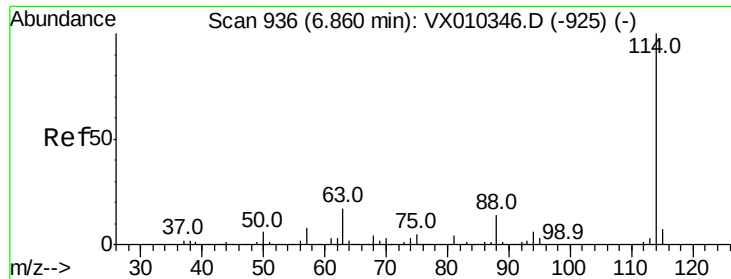
Tgt Ion: 65

Sig Exp Ratio

65 100

67 55.1





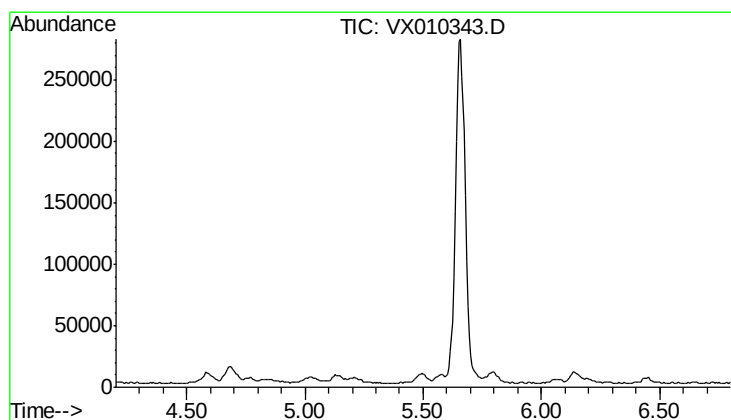
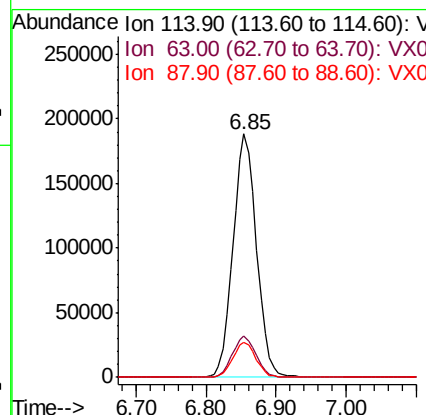
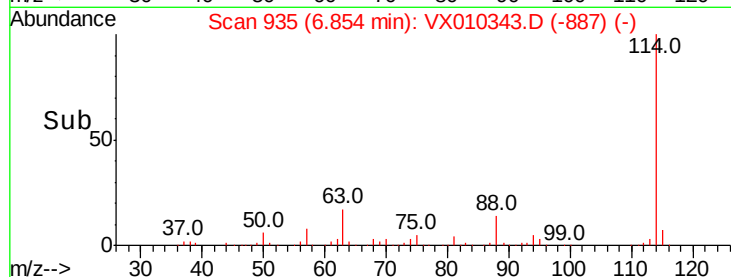
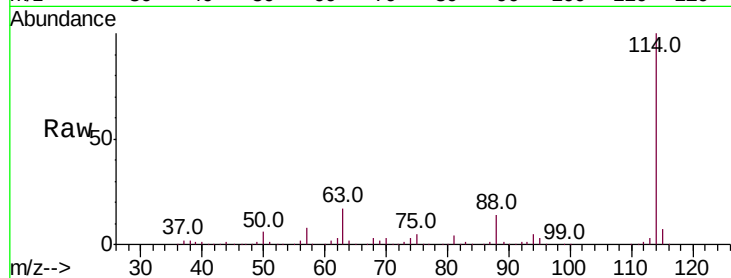
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	17.1	0.0	33.8
88	14.1	0.0	27.6

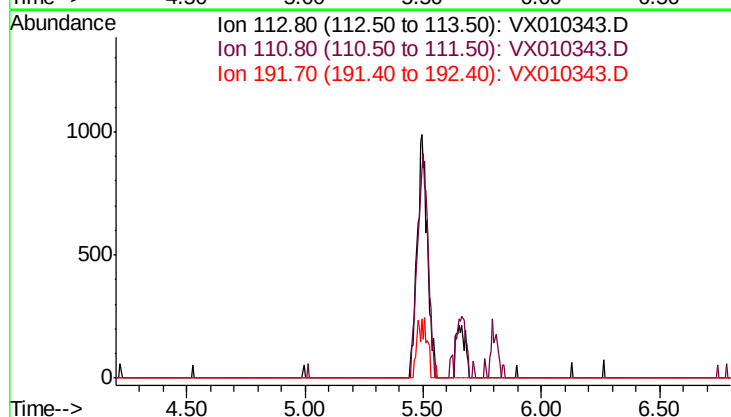
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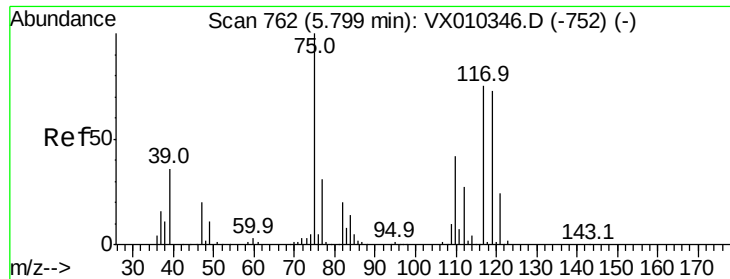
MMDadoda
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#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 5.50 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion	Exp Ratio
113	100
111	101.5
192	23.2





#36

1,1-Dichloropropene

Concen: 1.073 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

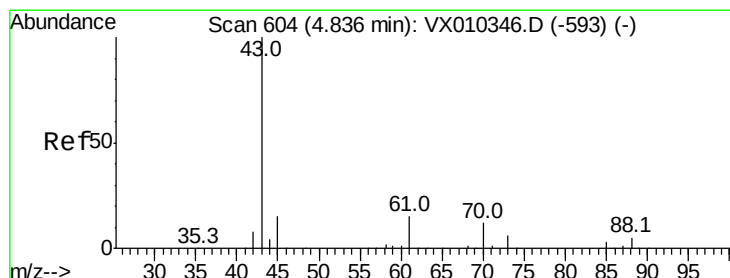
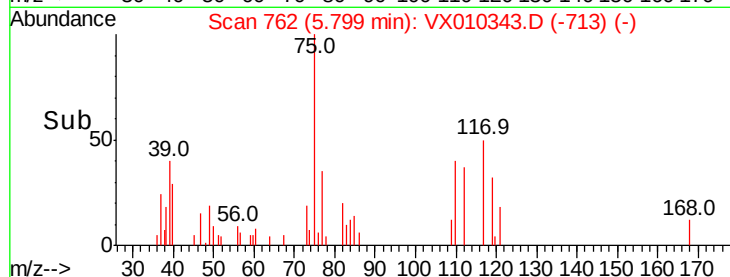
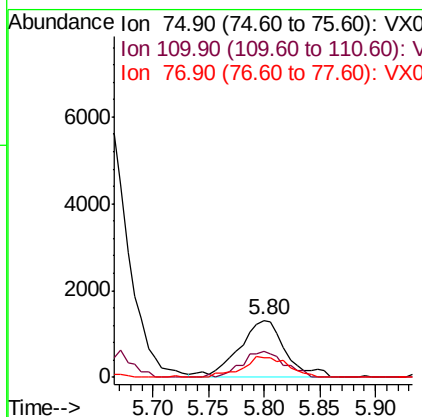
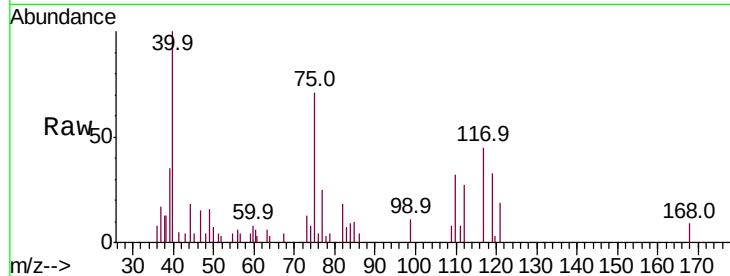
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	3831
Ion	Ratio	Lower	Upper
75	100		
110	42.0	20.8	62.2
77	34.5	25.4	38.0

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#37

Ethyl Acetate

Concen: 0.861 ug/l

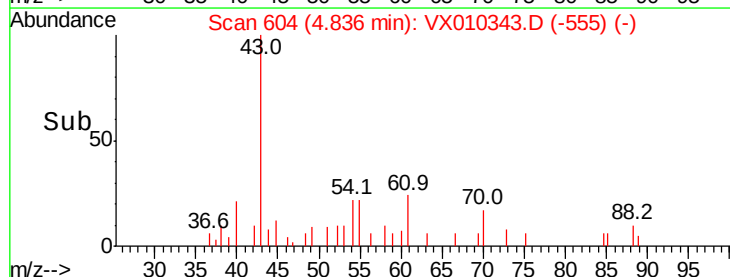
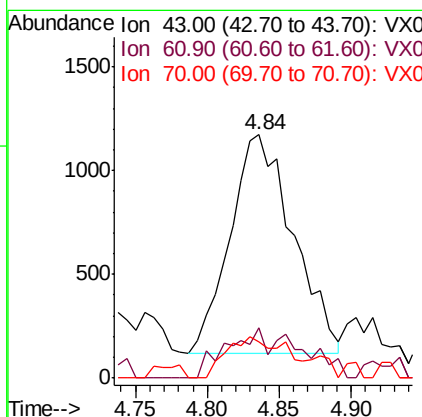
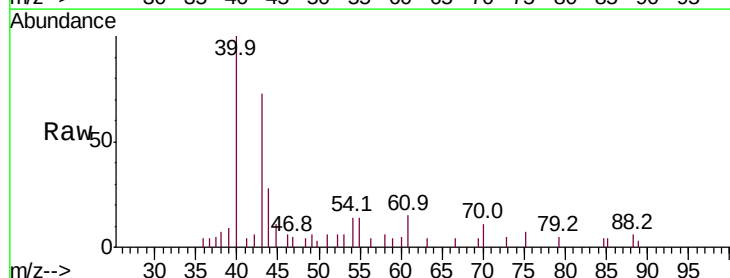
RT: 4.84 min Scan# 604

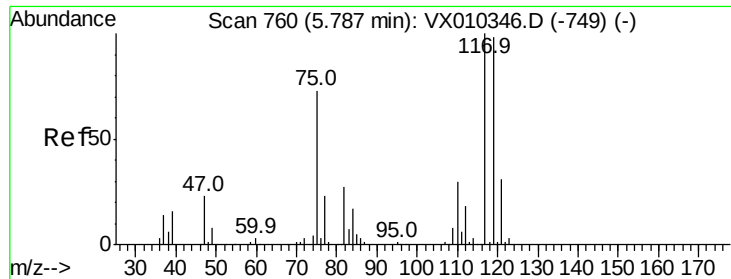
Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Tgt Ion:	43	Resp:	3213
Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.4	18.6
70	17.5	9.8	14.8#





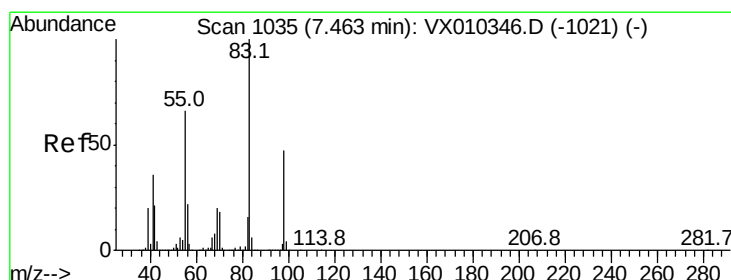
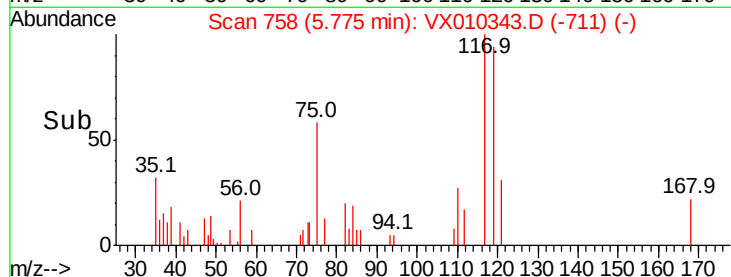
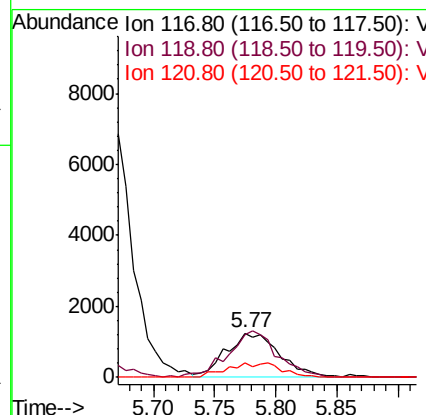
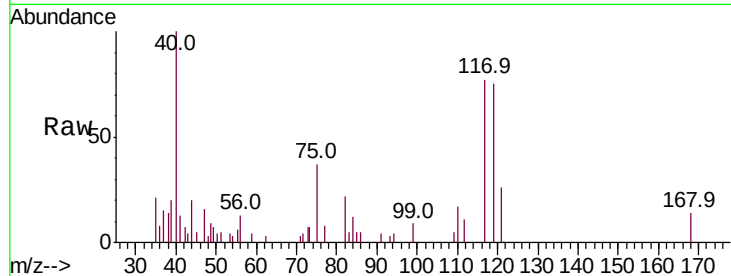
#38
Carbon Tetrachloride
Concen: 0.941 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.2	117.4
121	33.2	24.7	37.1

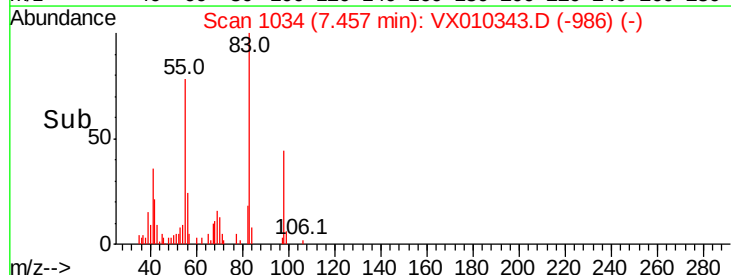
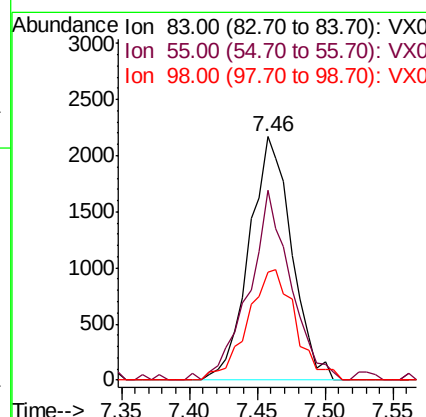
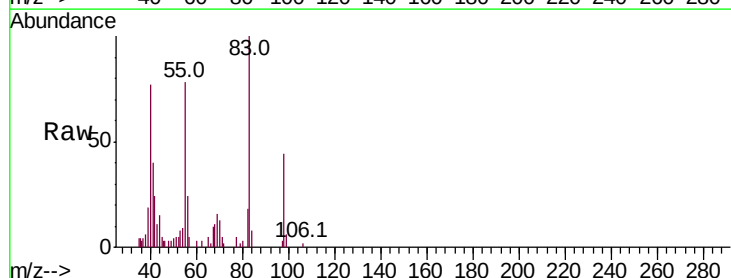
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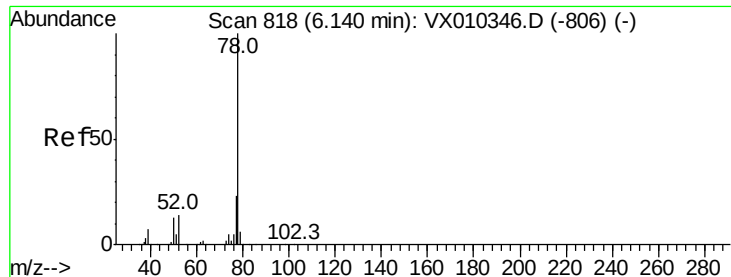
MMDadoda
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#39
Methylcyclohexane
Concen: 0.980 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.1	53.0	79.6
98	44.4	37.8	56.8





#40

Benzene

Concen: 0.992 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 10978

Ion Ratio Lower Upper

78 100

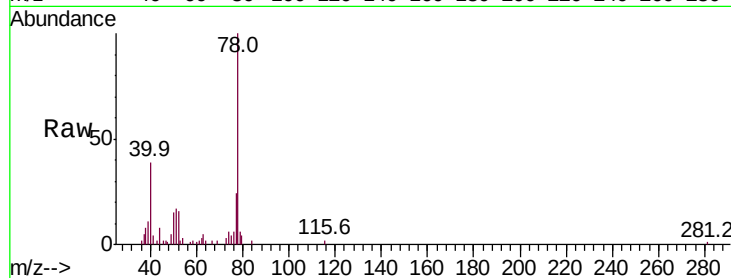
77 24.4 18.6 28.0

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.13

4000

3000

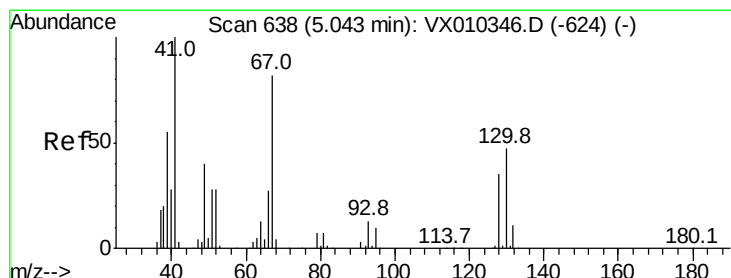
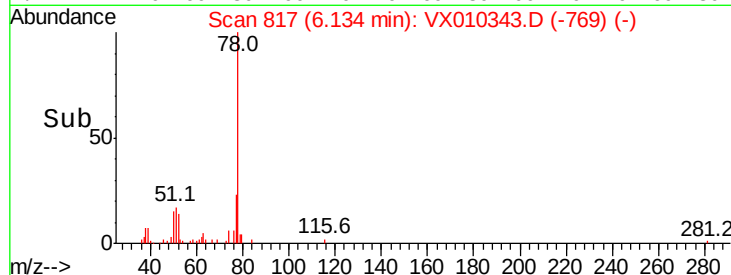
2000

1000

0

Time-->

6.05 6.10 6.15 6.20 6.25



#41

Methacrylonitrile

Concen: 1.015 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Tgt Ion: 41 Resp: 2041

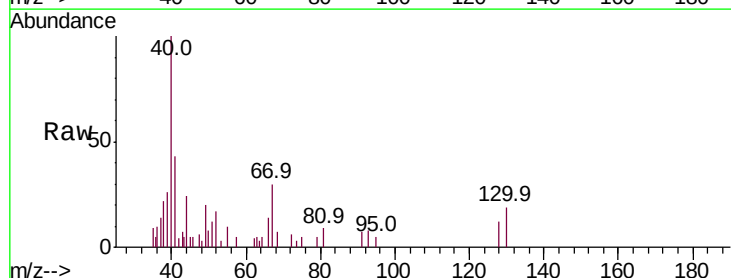
Ion Ratio Lower Upper

41 100

39 0.0 43.8 65.8#

67 83.0 66.6 100.0

52 12.5 24.5 36.7#



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

1500

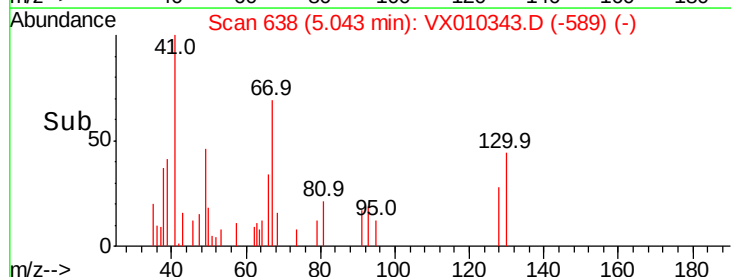
1000

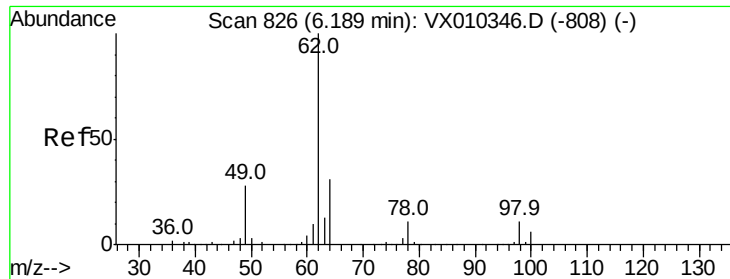
500

0

Time-->

4.95 5.00 5.05 5.10





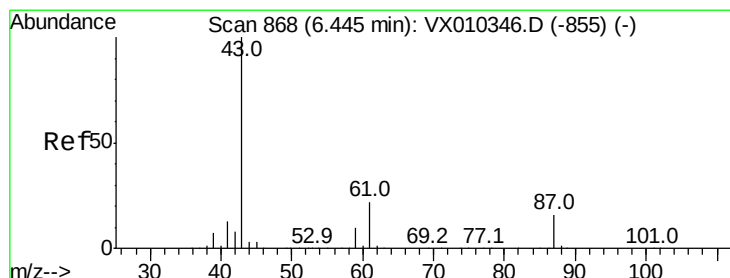
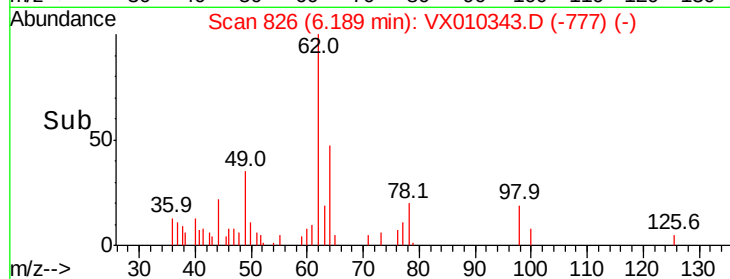
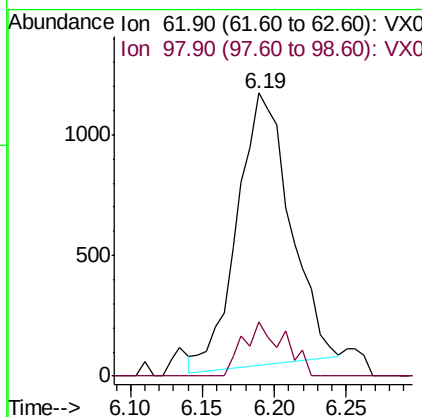
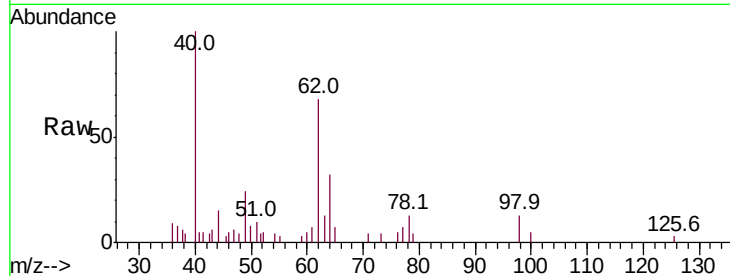
#42
 1,2-Dichloroethane
 Concen: 0.820 ug/l
 RT: 6.19 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	15.8	0.0	22.2

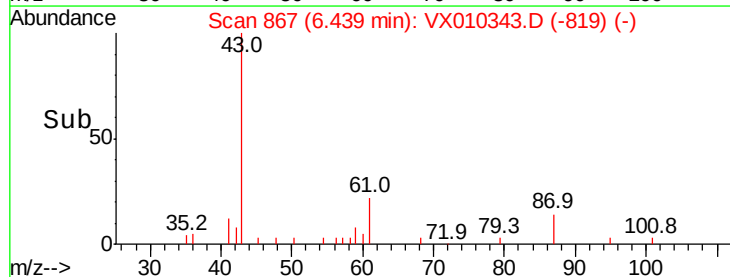
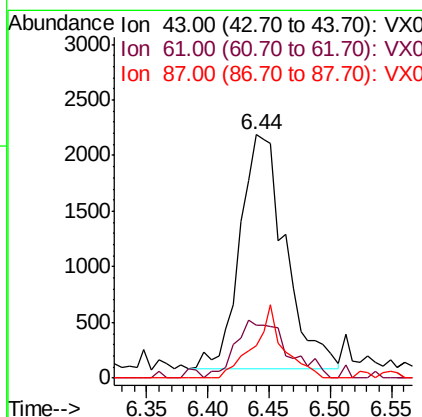
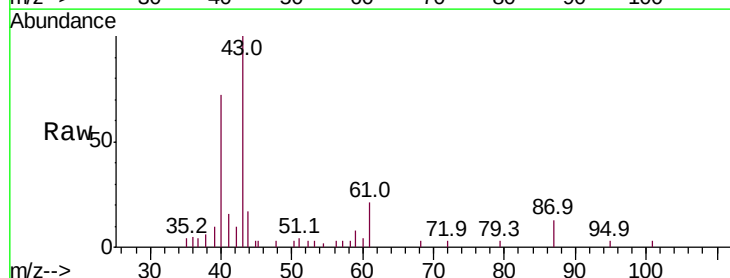
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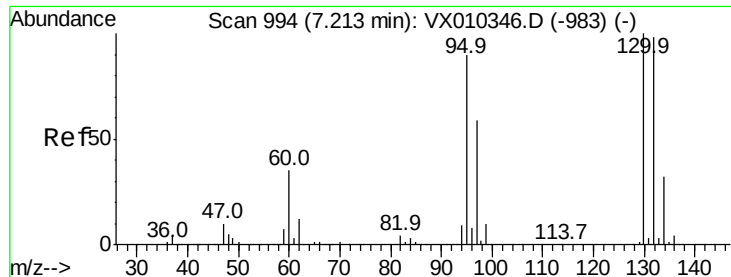
MMDadoda
 6/20/2019 1:23:14 PM



#43
 Isopropyl Acetate
 Concen: 0.874 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.2	17.8	26.6#
87	20.4	13.0	19.4#





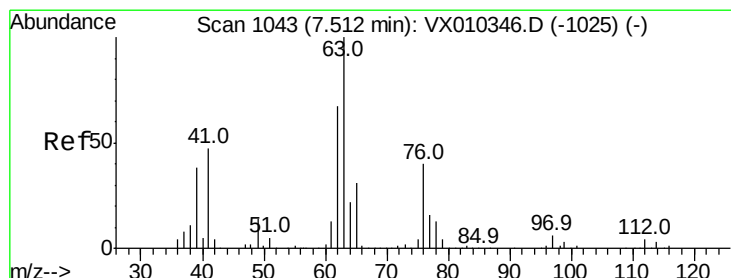
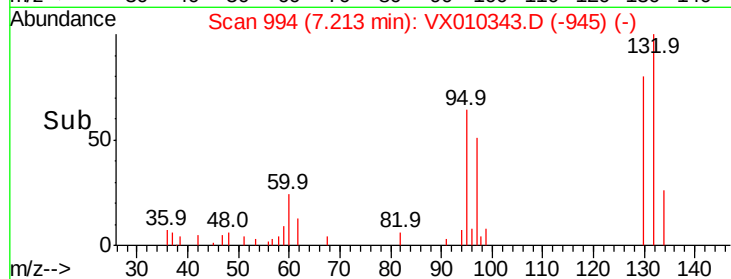
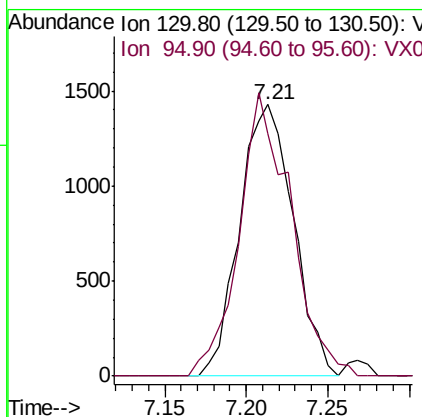
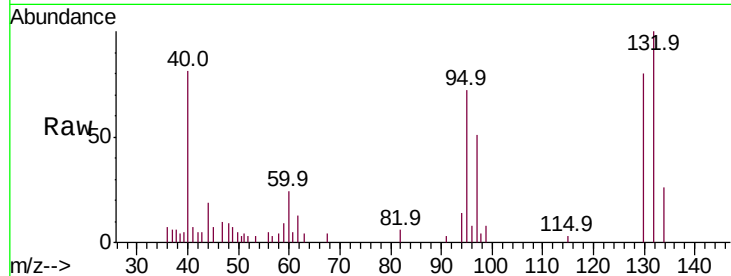
#44
 Trichloroethene
 Concen: 0.981 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:130 Resp: 3274
 Ion Ratio Lower Upper
 130 100
 95 89.2 0.0 180.8

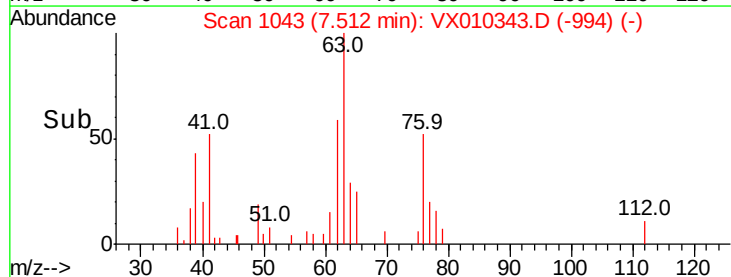
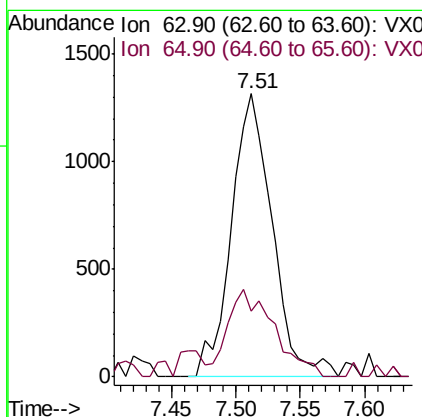
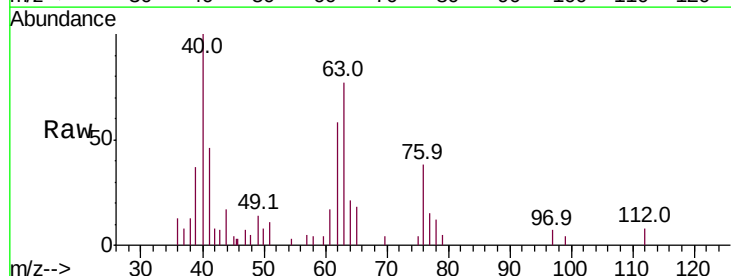
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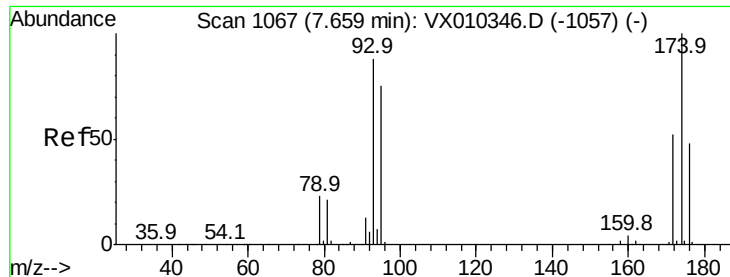
MMDadoda
 6/20/2019 1:23:14 PM



#45
 1,2-Dichloropropane
 Concen: 1.049 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion: 63 Resp: 2905
 Ion Ratio Lower Upper
 63 100
 65 23.3 24.8 37.2#





#46

Dibromomethane

Concen: 0.947 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

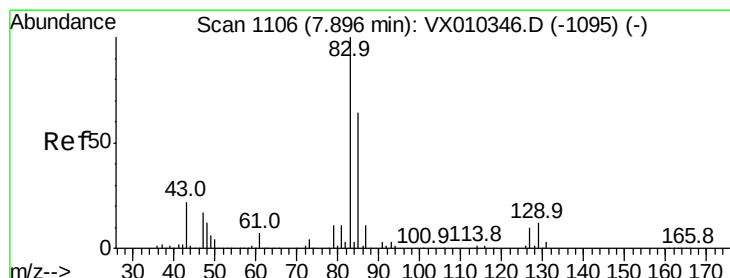
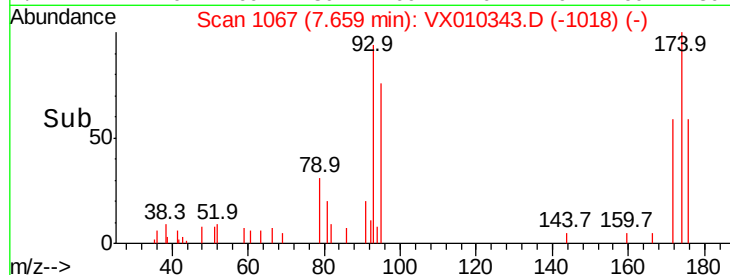
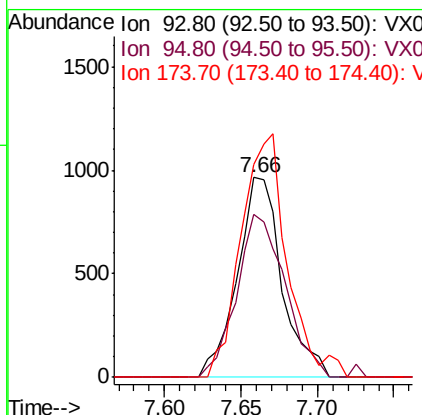
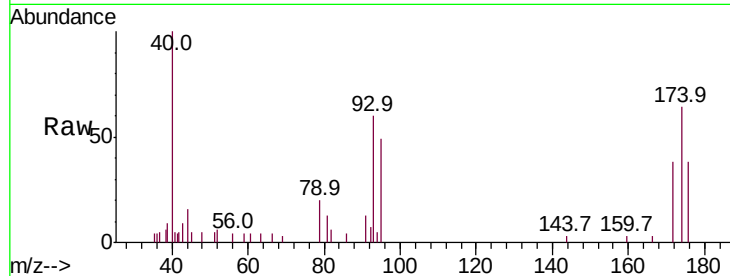
ClientSampleId :

VSTDIC001

Tot Ion:	93	Resp:	1965
Ion	Ratio	Lower	Upper
93	100		
95	88.5	67.5	101.3
174	125.5	95.8	143.6

Manual Integrations
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#47

Bromodichloromethane

Concen: 0.899 ug/l

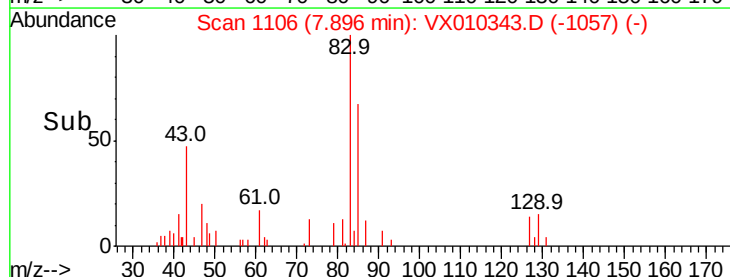
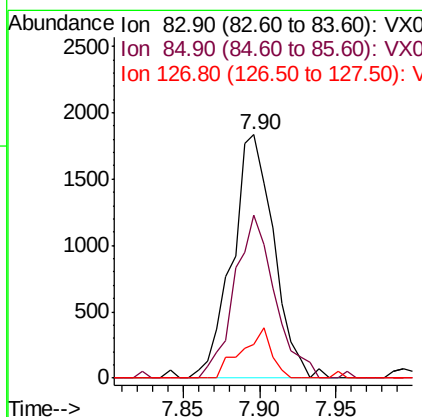
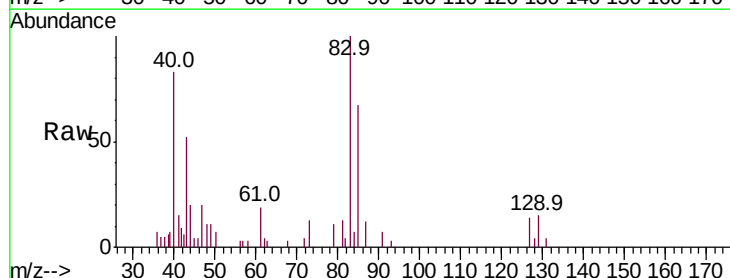
RT: 7.90 min Scan# 1106

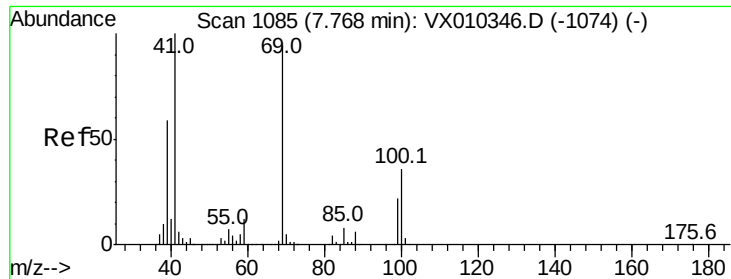
Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Tgt Ion:	83	Resp:	3465
Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.5	77.3
127	13.8	7.8	11.8#





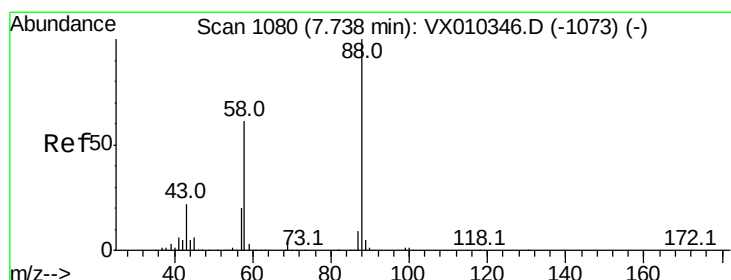
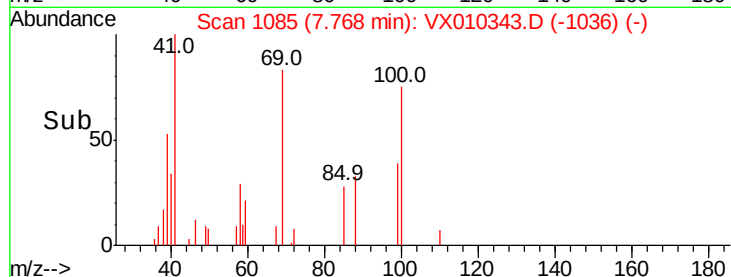
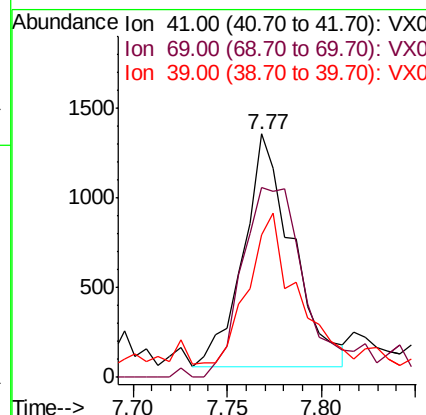
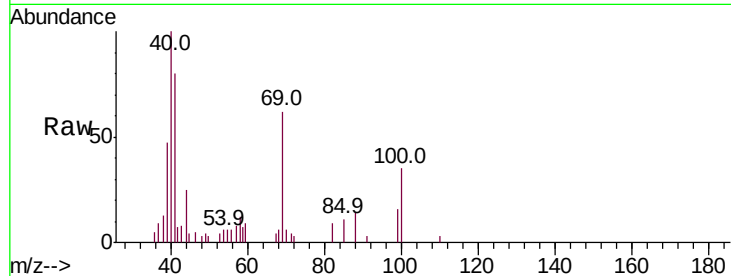
#48
Methvl methacrylate
Concen: 0.809 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	108.2	76.1	114.1
39	63.1	47.6	71.4

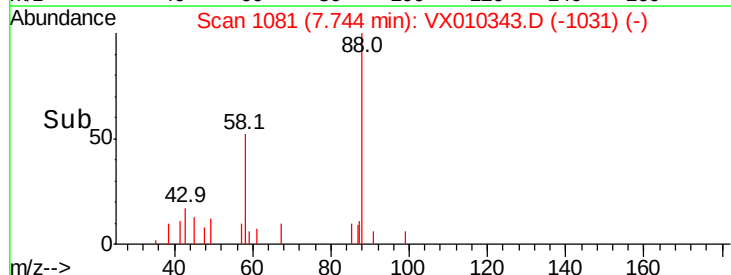
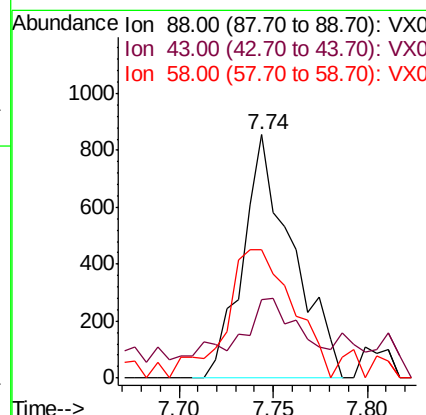
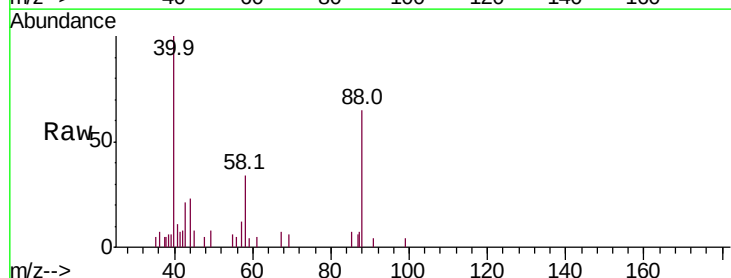
Manual Integrations
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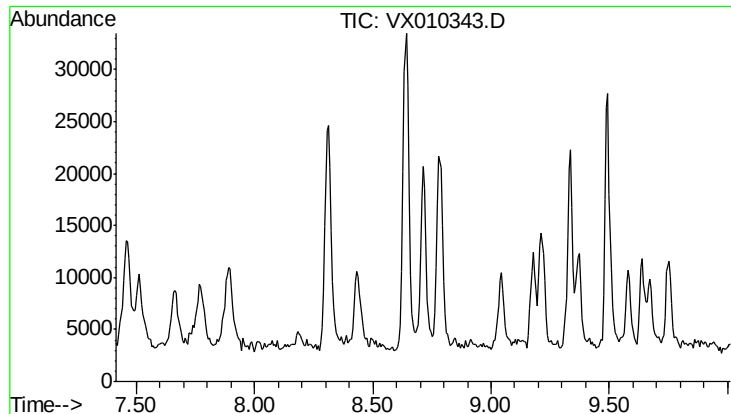
MMDadoda
6/20/2019 1:23:14 PM



#49
1,4-Dioxane
Concen: 18.837 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
88	100		
43	24.0	20.2	30.2
58	72.3	49.5	74.3





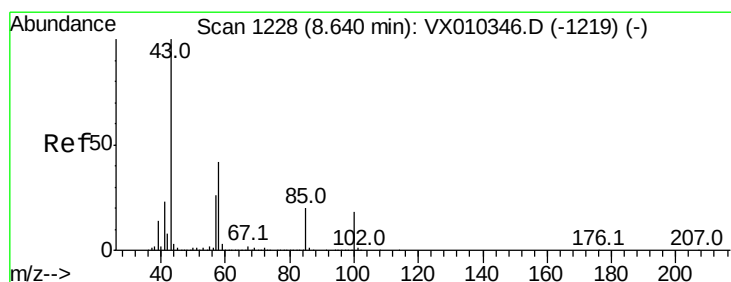
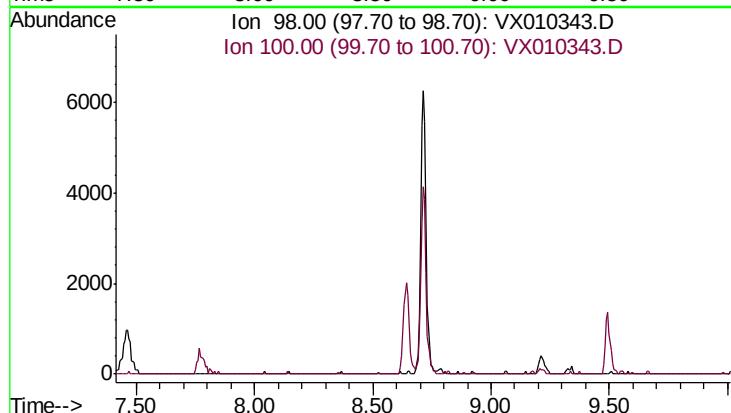
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

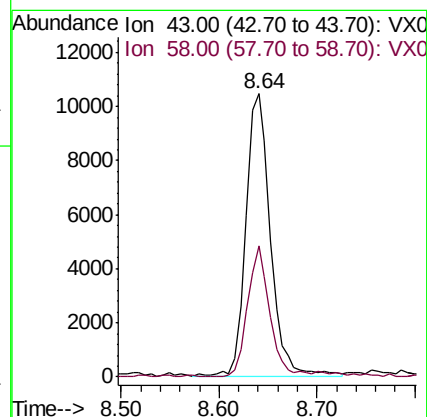
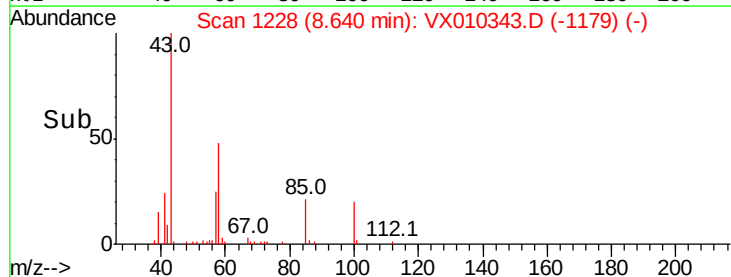
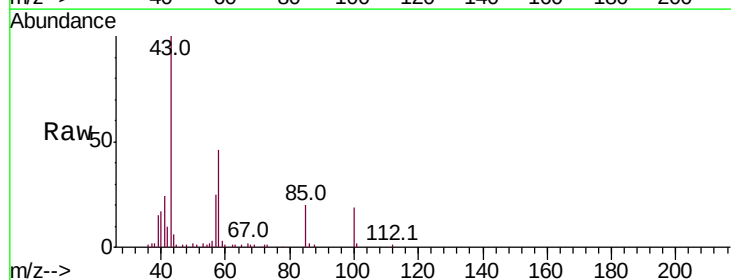
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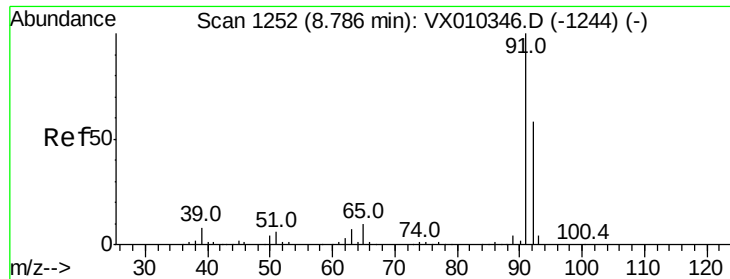
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 4.942 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion: 43 Resp: 18432
Ion Ratio Lower Upper
43 100
58 41.3 33.5 50.3





#52

Toluene

Concen: 0.999 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 7287

Ion Ratio Lower Upper

92 100

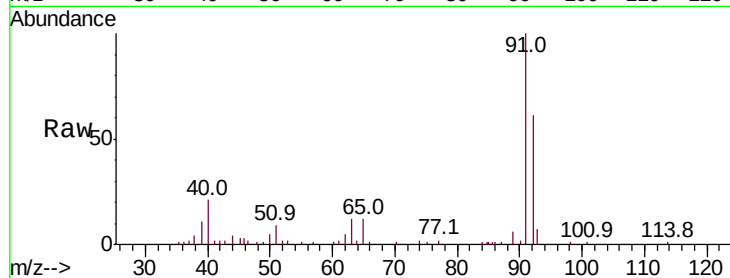
91 164.7 139.8 209.6

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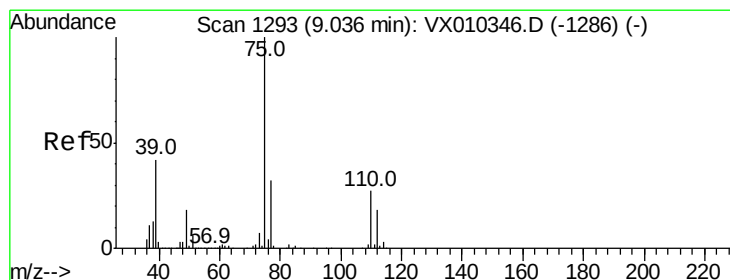
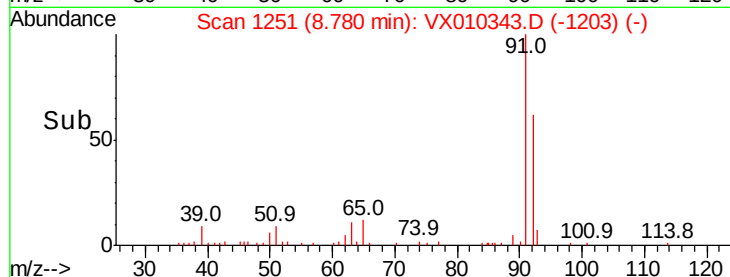
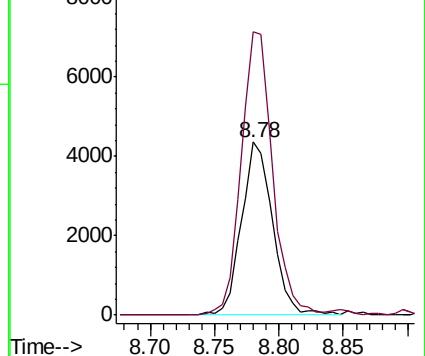
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.876 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010343.D

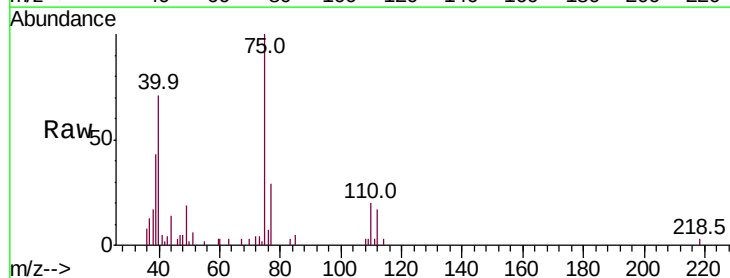
Acq: 19 Jun 2019 12:18

Tgt Ion: 75 Resp: 3884

Ion Ratio Lower Upper

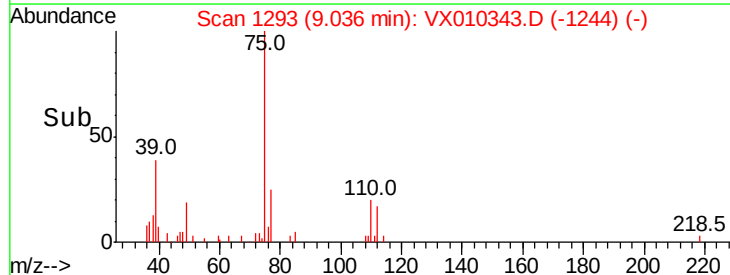
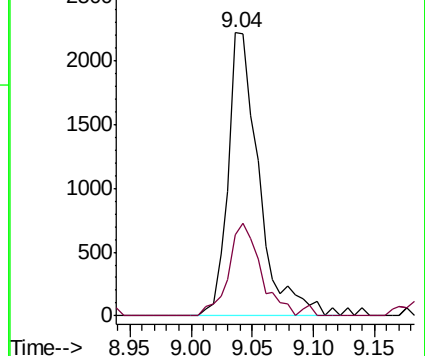
75 100

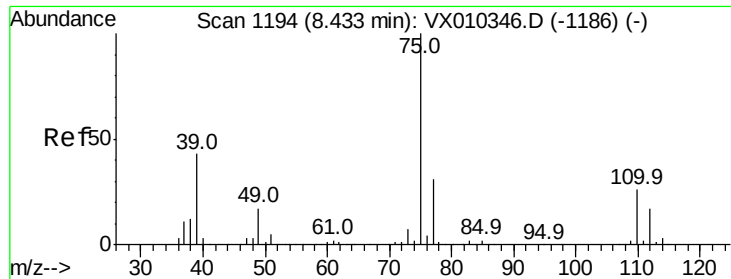
77 28.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





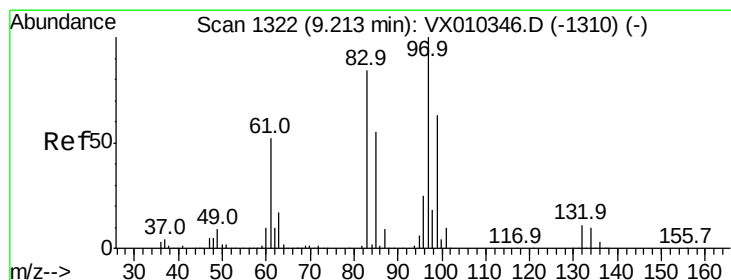
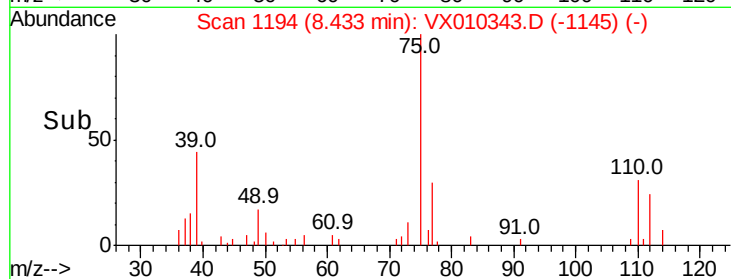
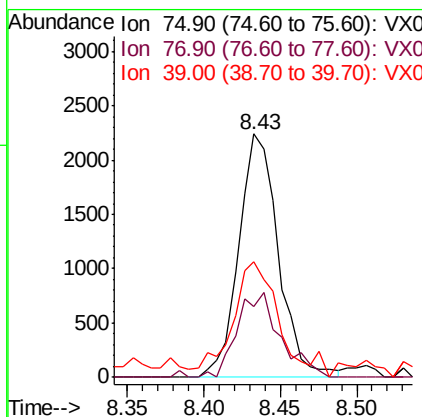
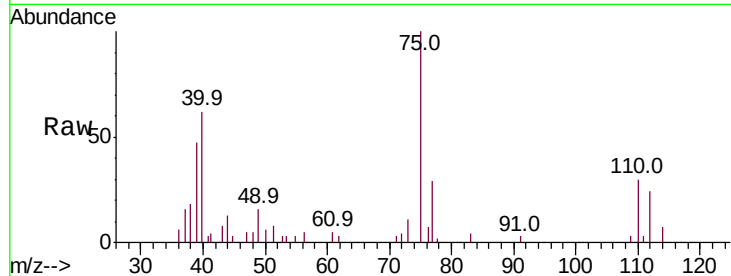
#54
 cis-1,3-Dichloropropene
 Concen: 0.845 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.1	25.2	37.8
39	43.9	34.5	51.7

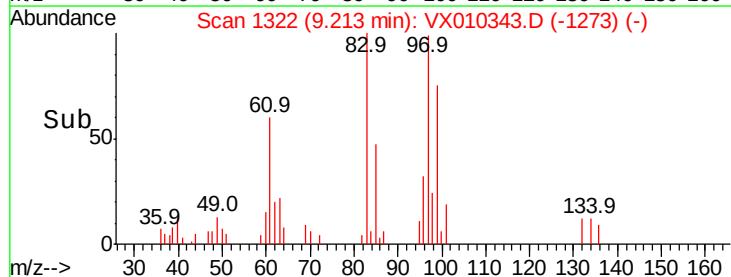
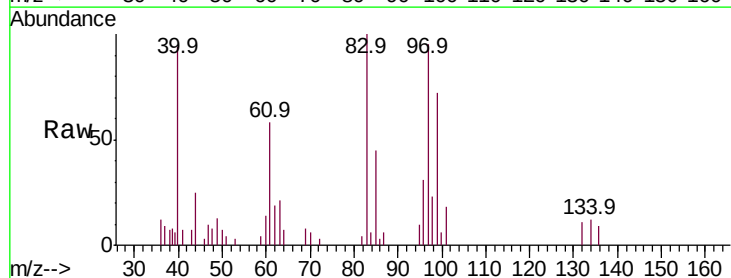
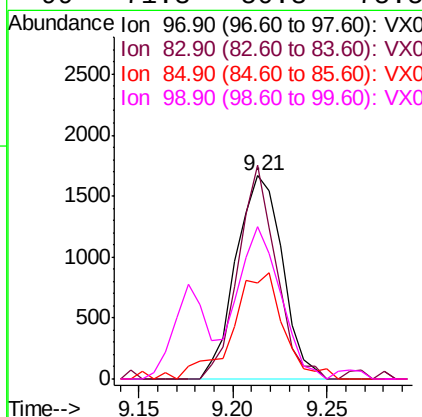
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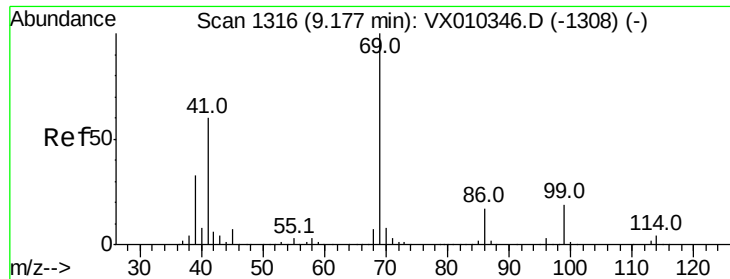
MMDadoda
 6/20/2019 1:23:14 PM



#55
 1,1,2-Trichloroethane
 Concen: 0.955 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	105.0	67.4	101.0#
85	47.1	43.8	65.8
99	71.3	50.3	75.5





#56

Ethyl methacrylate

Concen: 0.897 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

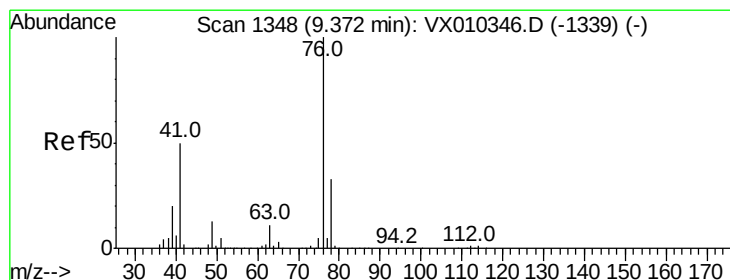
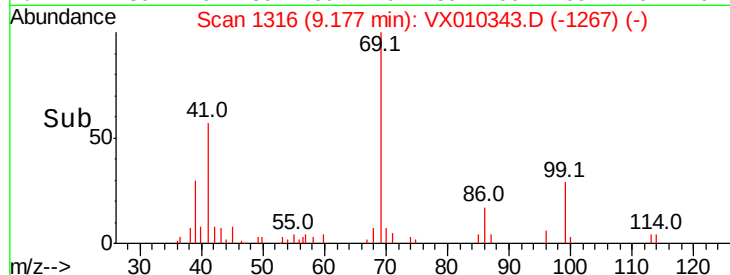
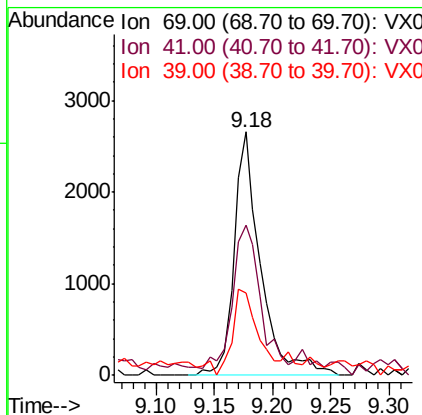
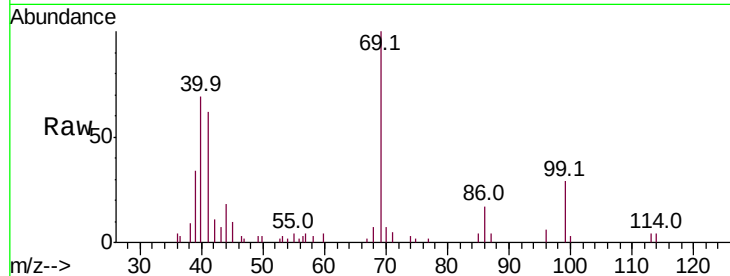
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	4199
Ion	Ratio	Lower	Upper
69	100		
41	61.3	47.1	70.7
39	34.3	26.6	40.0

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#57

1,3-Dichloropropane

Concen: 0.937 ug/l

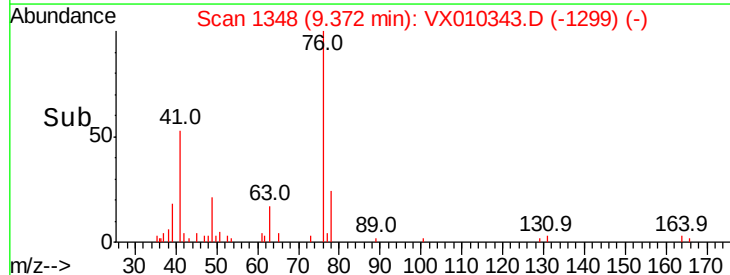
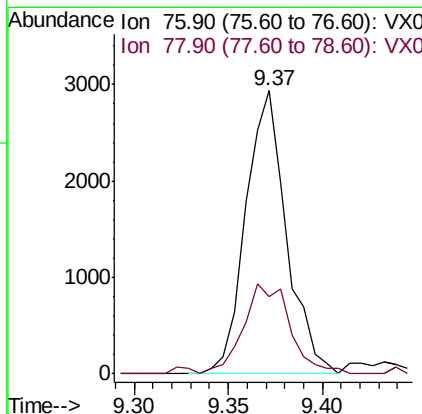
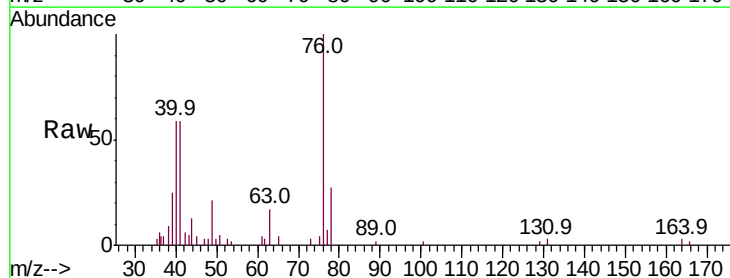
RT: 9.37 min Scan# 1348

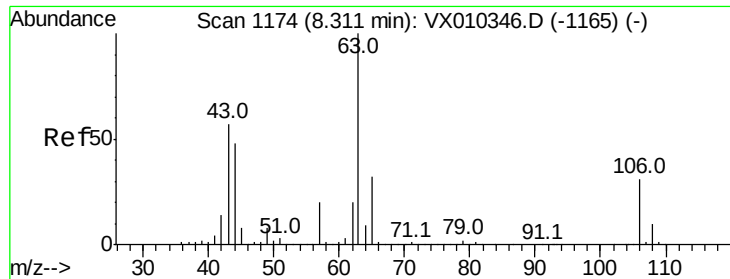
Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Tgt Ion:	76	Resp:	4397
Ion	Ratio	Lower	Upper
76	100		
78	36.6	26.1	39.1





#58

2-Chloroethyl Vinyl ether

Concen: 4.245 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 9385

Ion Ratio Lower Upper

63 100

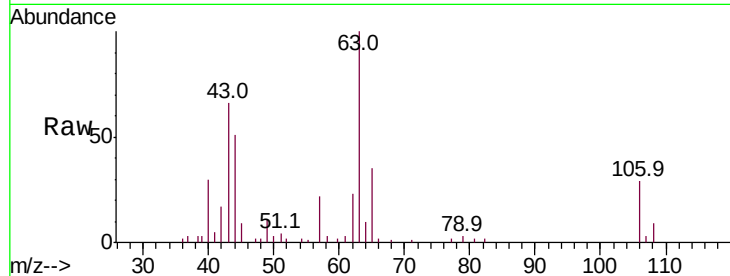
106 30.6 24.7 37.1

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

6000

5000

4000

3000

2000

1000

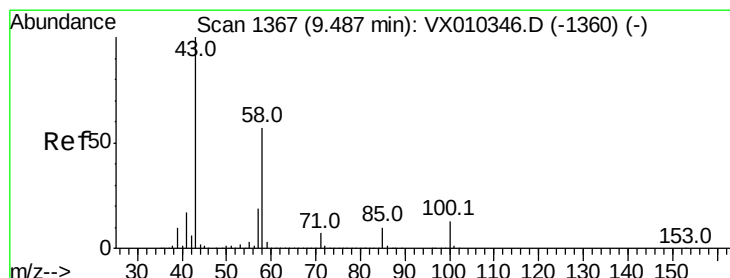
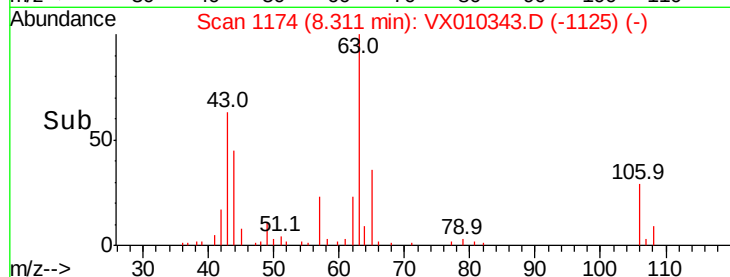
0

8.25

8.30

8.35

Time-->



#59

2-Hexanone

Concen: 4.669 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX010343.D

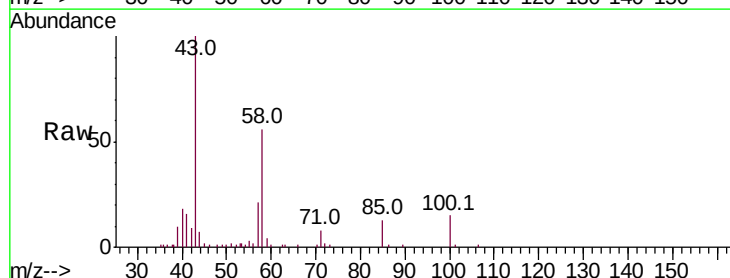
Acq: 19 Jun 2019 12:18

Tgt Ion: 43 Resp: 13903

Ion Ratio Lower Upper

43 100

58 55.2 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

10000

8000

6000

4000

2000

0

9.40

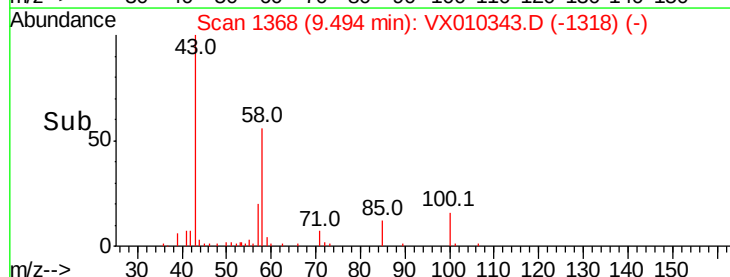
9.45

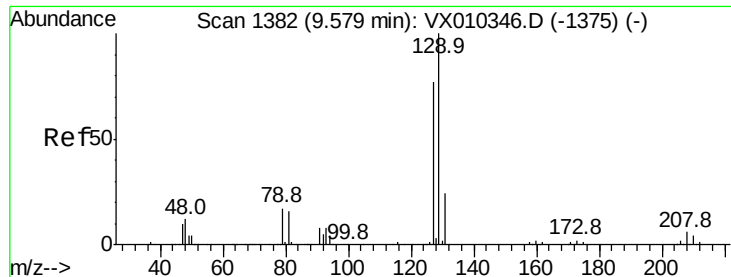
9.50

9.55

9.60

Time-->





#60

Dibromochloromethane

Concen: 0.911 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3193

Ion Ratio Lower Upper

129 100

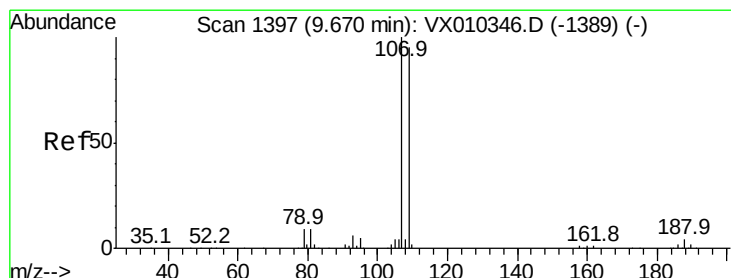
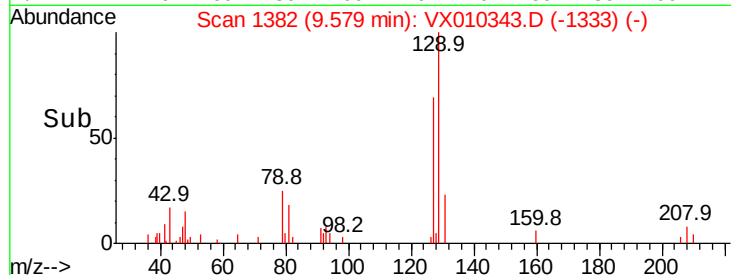
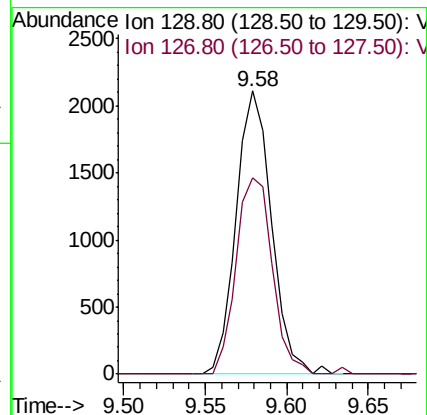
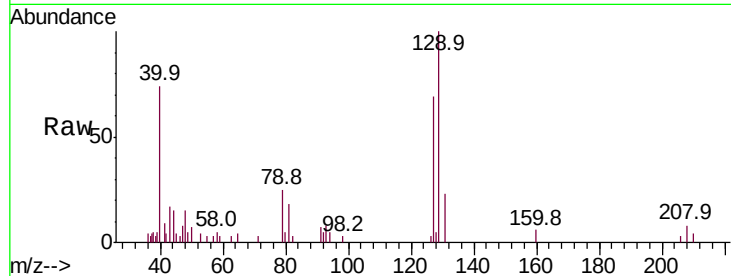
127 70.9 38.4 115.1

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#61

1,2-Dibromoethane

Concen: 0.927 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010343.D

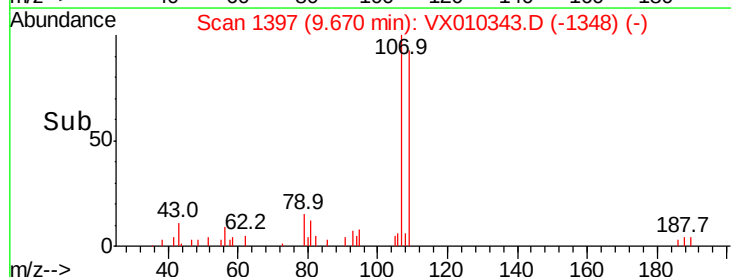
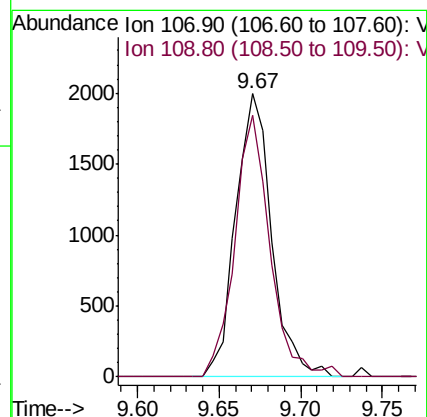
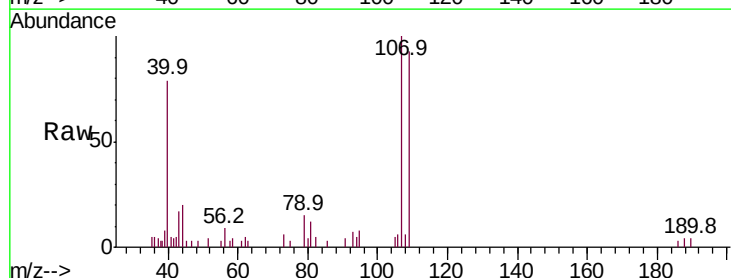
Acq: 19 Jun 2019 12:18

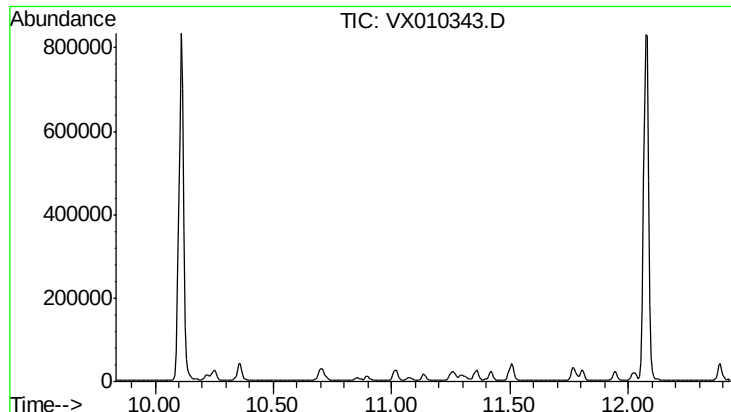
Tgt Ion:107 Resp: 3071

Ion Ratio Lower Upper

107 100

109 90.5 75.8 113.6





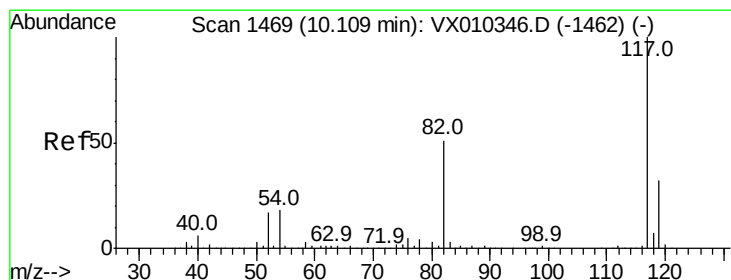
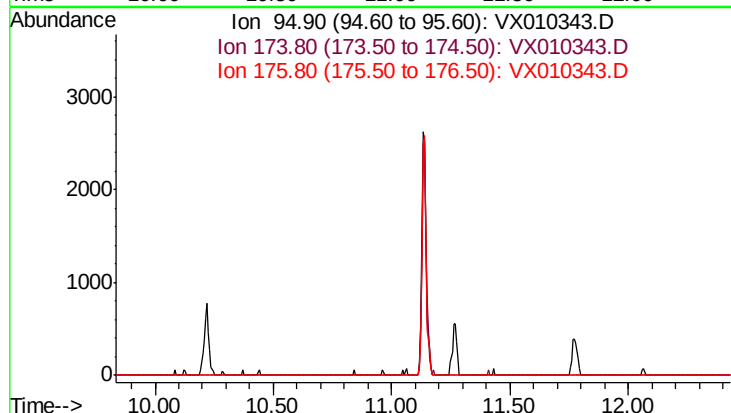
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.13 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	93.8
176	92.0

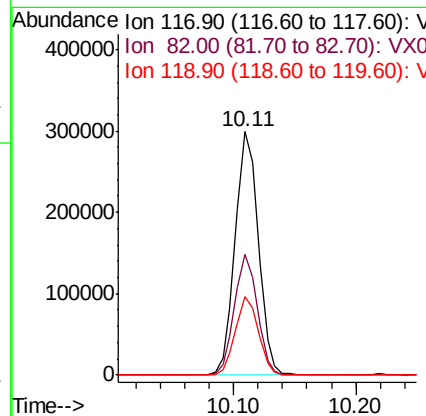
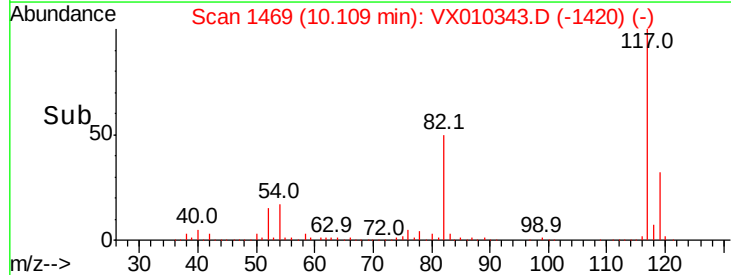
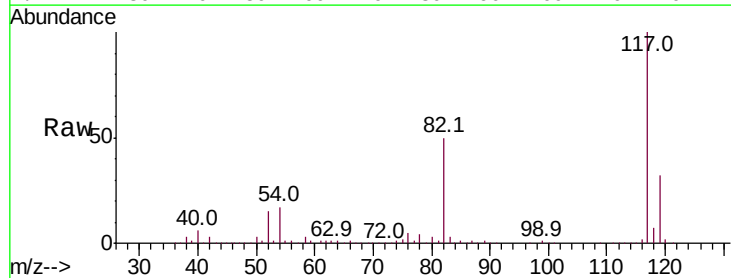
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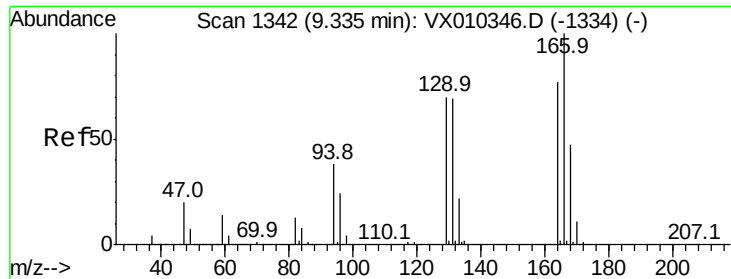
MMDadoda
 6/20/2019 1:23:14 PM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion	117	Resp	390892
Ion	Ratio	Lower	Upper
117	100		
82	49.7	41.2	61.8
119	32.4	25.5	38.3





#64

Tetrachloroethene

Concen: 1.211 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

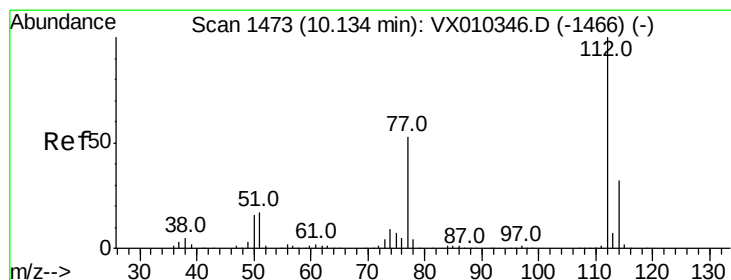
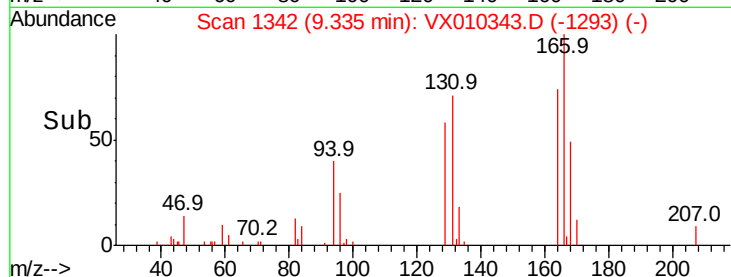
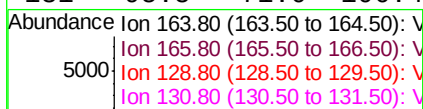
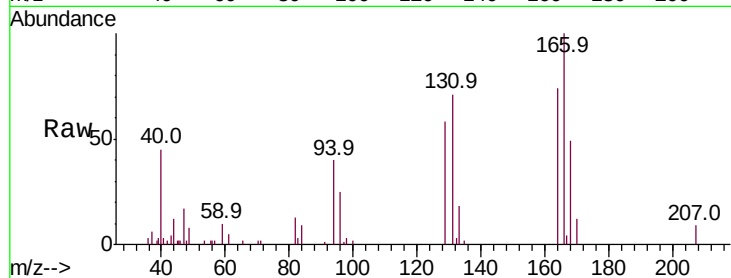
ClientSampleId :

VSTDIC001

Tot Ion:	164	Resp:	3577
Ion	Ratio	Lower	Upper
164	100		
166	135.0	103.6	155.4
129	78.3	73.0	109.4
131	95.5	71.0	106.4

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#65

Chlorobenzene

Concen: 1.009 ug/l

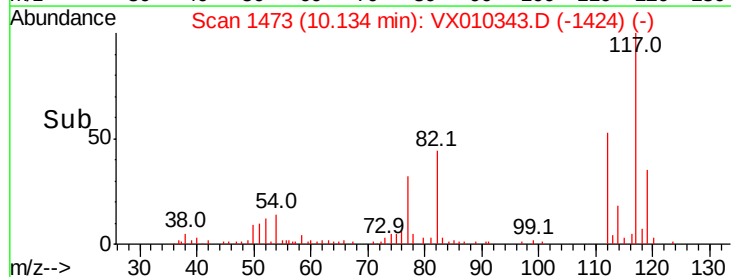
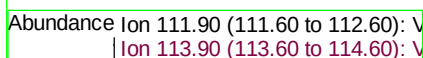
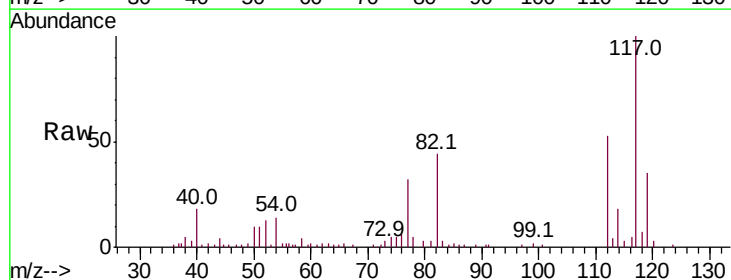
RT: 10.13 min Scan# 1473

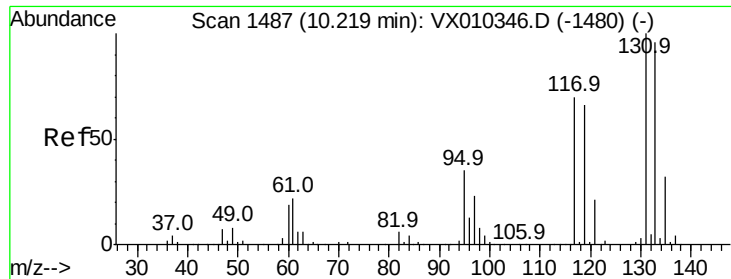
Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Tgt Ion:	112	Resp:	8140
Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.4	38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 0.855 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

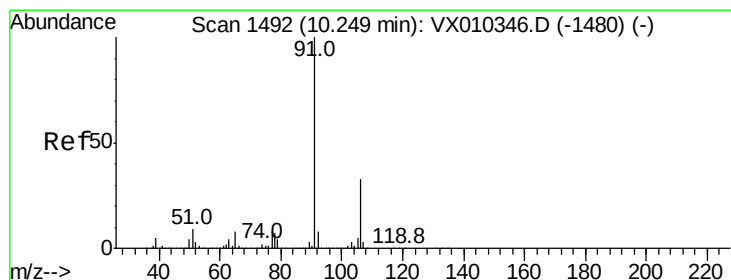
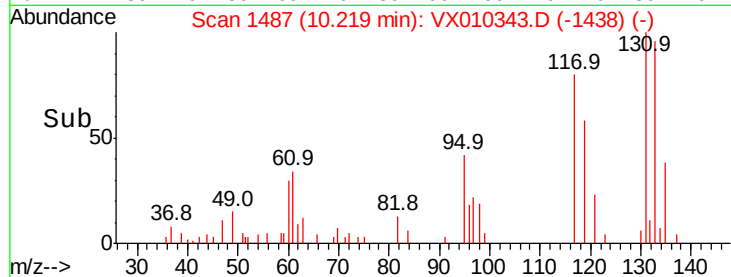
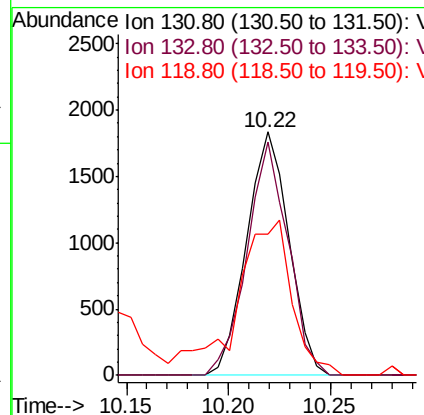
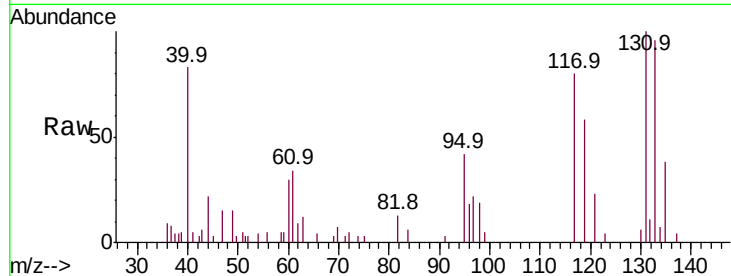
ClientSampleId :

VSTDIC001

Tot Ion:131 Resp: 2643
 Ion Ratio Lower Upper
 131 100
 133 93.1 47.7 143.1
 119 0.0 32.6 97.7#

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#67

Ethyl Benzene

Concen: 1.002 ug/l

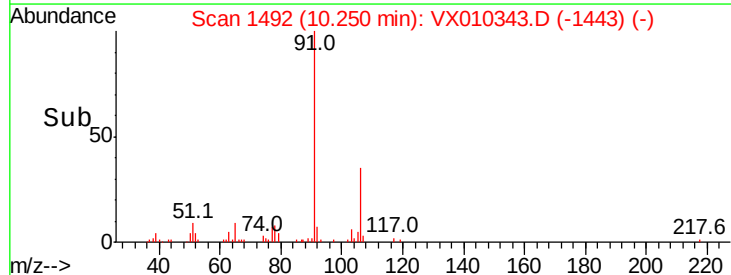
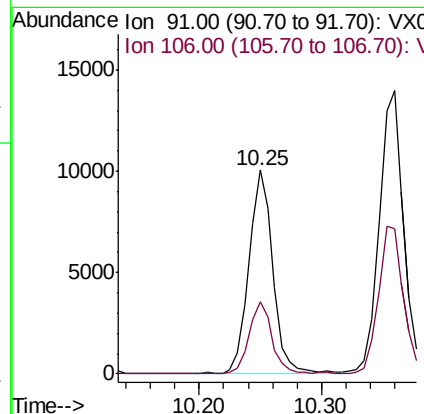
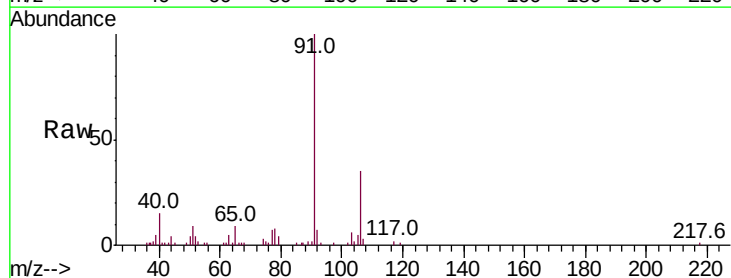
RT: 10.25 min Scan# 1492

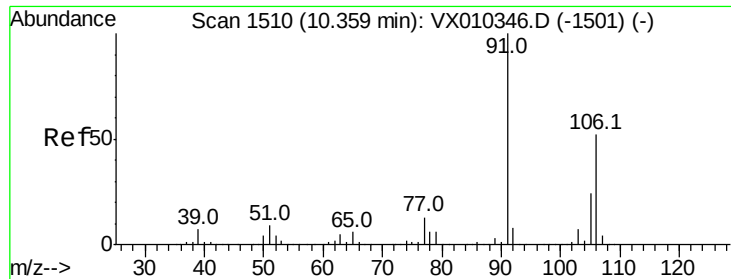
Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Tgt Ion: 91 Resp: 13771
 Ion Ratio Lower Upper
 91 100
 106 35.3 26.2 39.2





#68

m/p-Xylenes

Concen: 1.968 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 10471

Ion Ratio Lower Upper

106 100

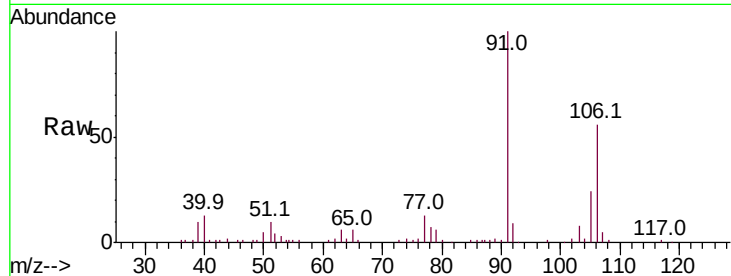
91 184.6 155.3 232.9

Manual Integrations

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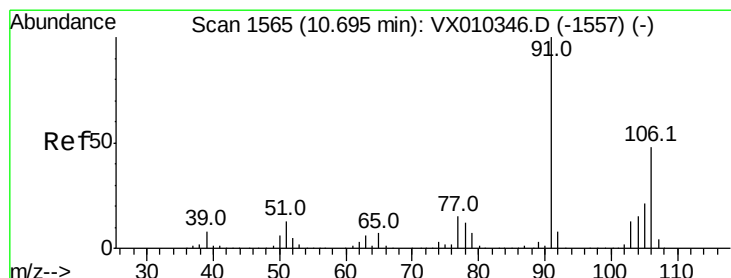
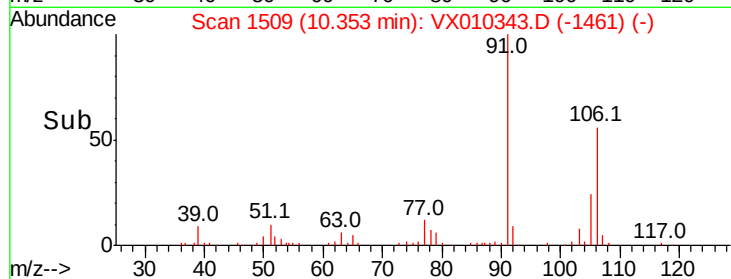
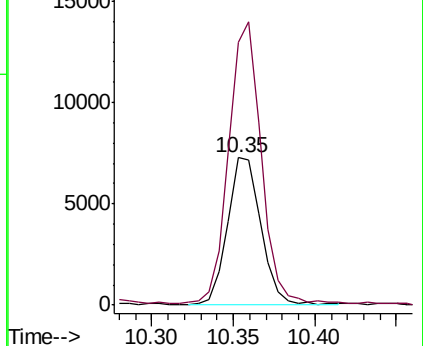
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.984 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX010343.D

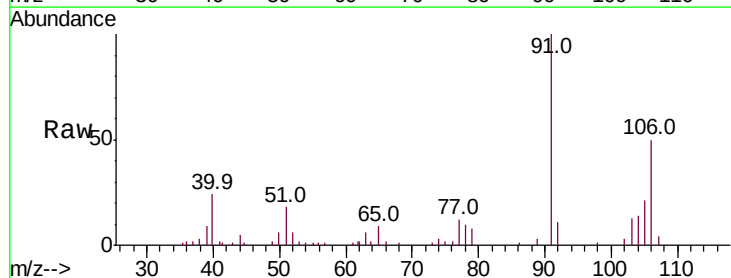
Acq: 19 Jun 2019 12:18

Tgt Ion:106 Resp: 5193

Ion Ratio Lower Upper

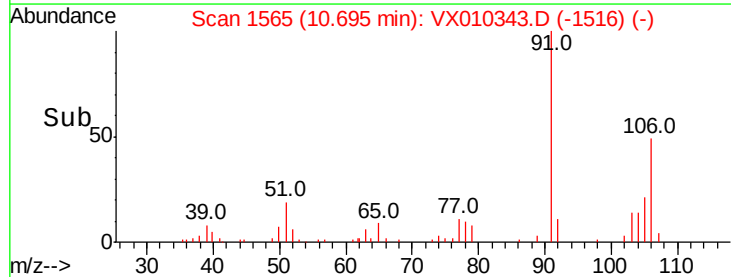
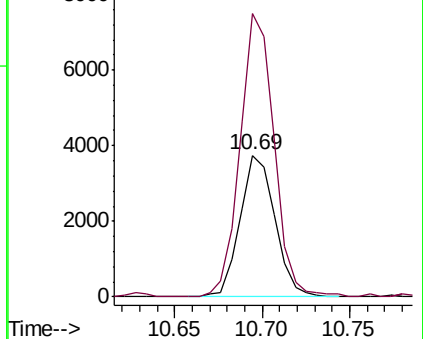
106 100

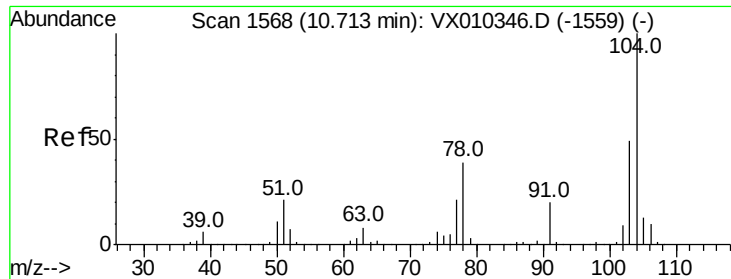
91 195.1 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





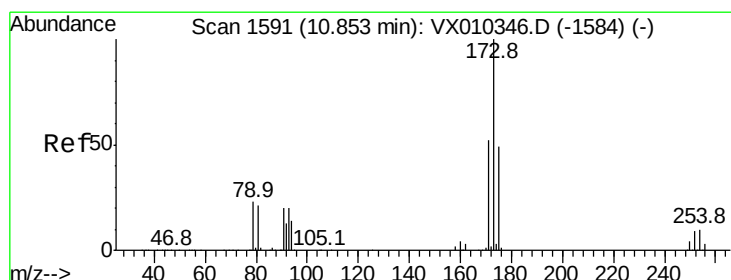
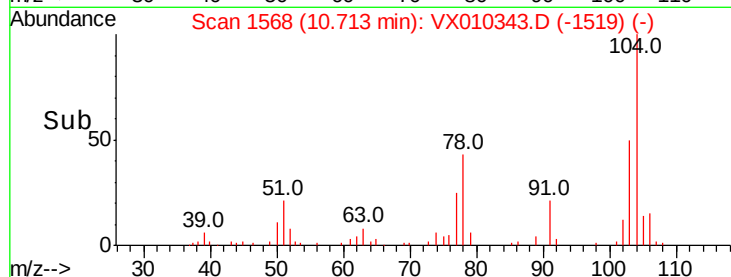
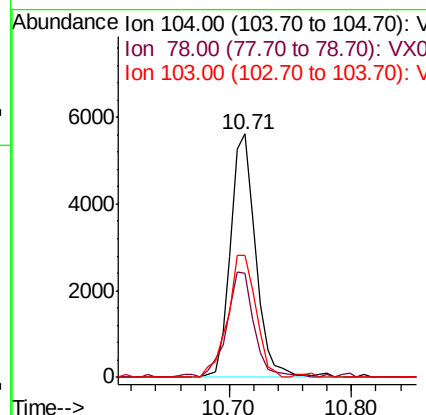
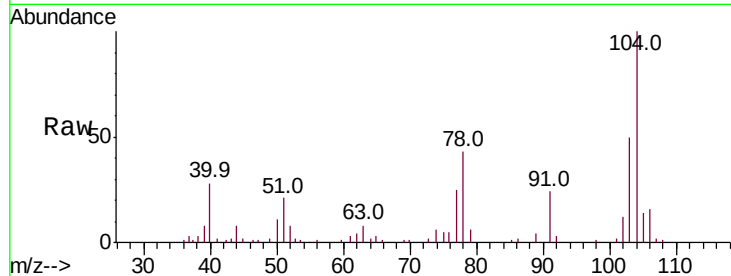
#70
Stvrene
Concen: 0.896 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.5	36.2	54.2
103	55.5	44.2	66.4

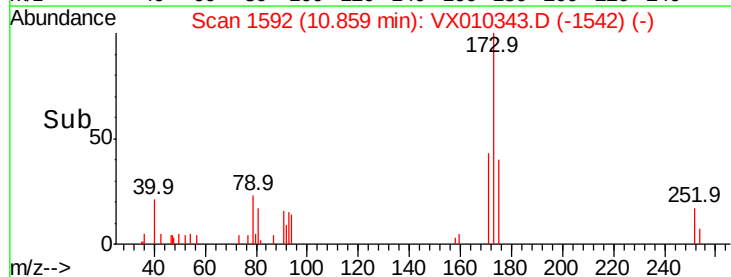
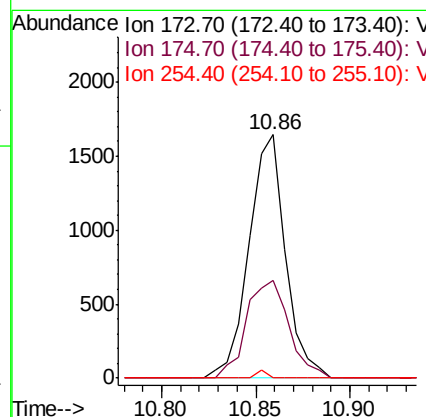
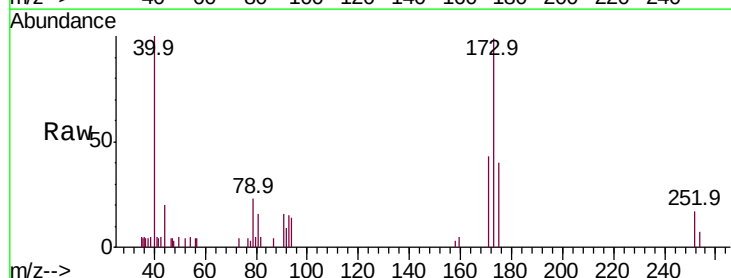
Manual Integrations
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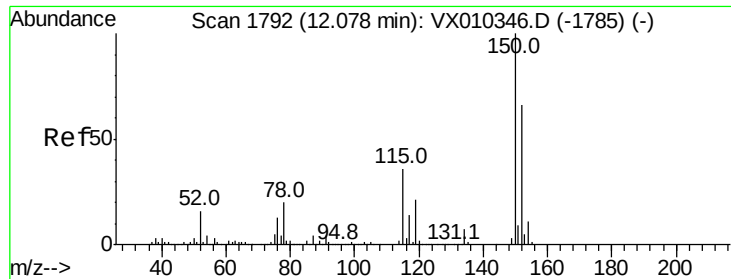
MMDadoda
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#71
Bromoform
Concen: 0.779 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.1	72.3
254	0.9	0.2	0.2#





#72

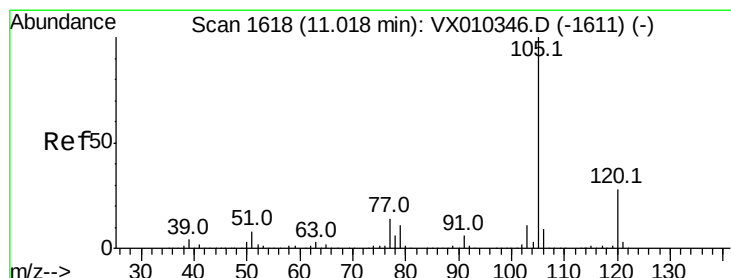
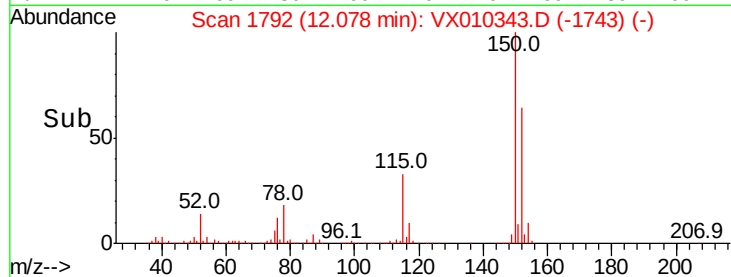
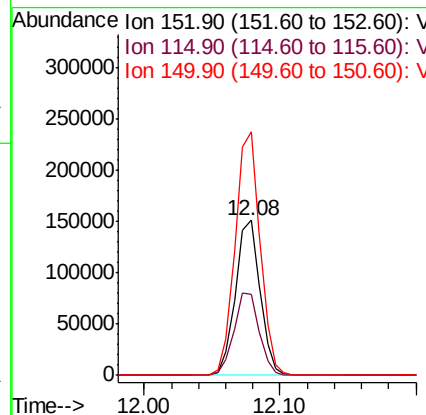
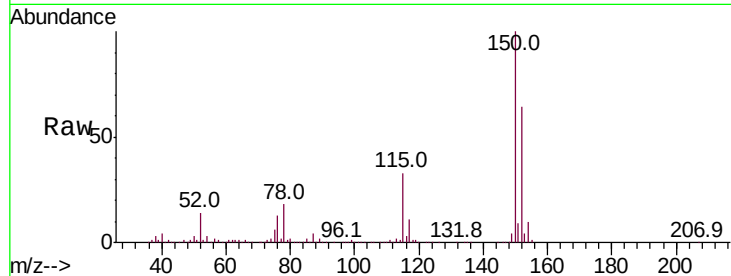
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.6	115.7
150	158.2	0.0	347.4

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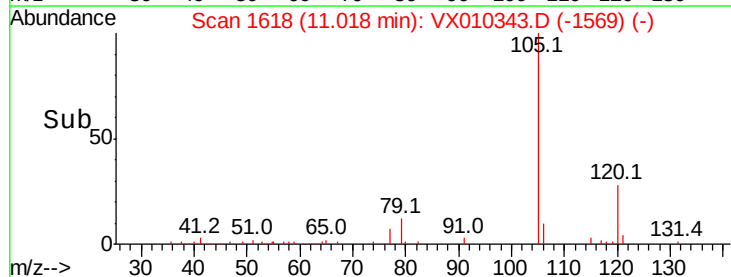
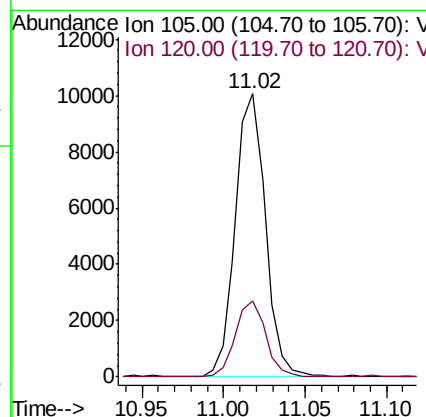
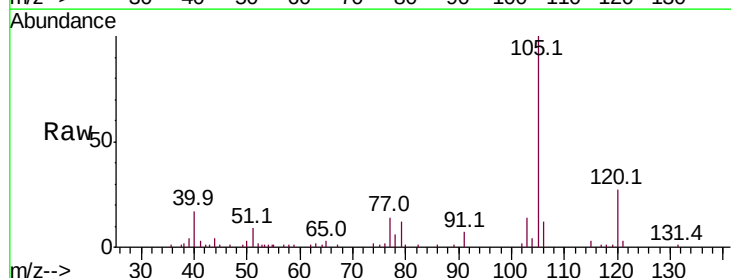
MMDadoda
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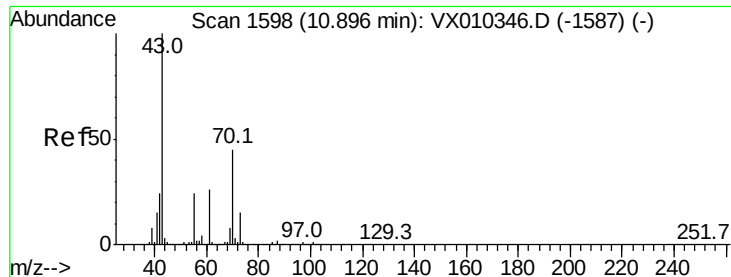


#73

Isopropylbenzene
Concen: 0.978 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	14.1	42.4





#74

N-amvl acetate

Concen: 0.795 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

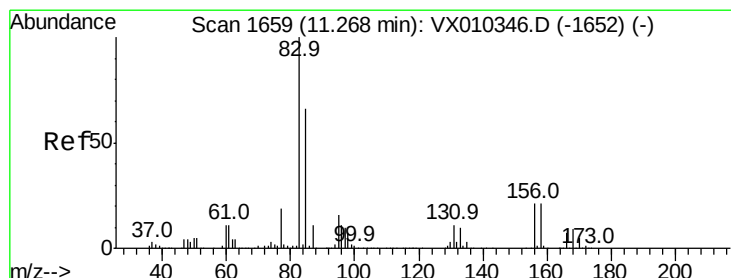
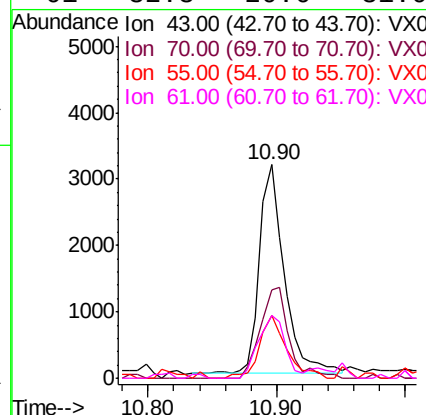
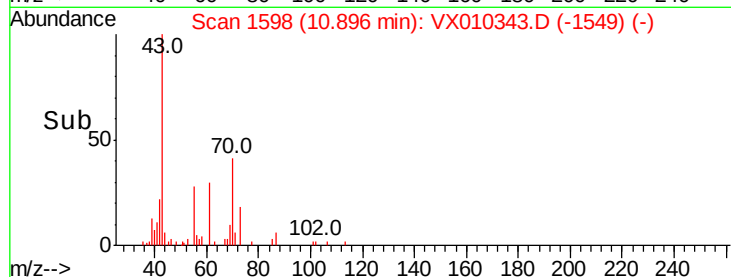
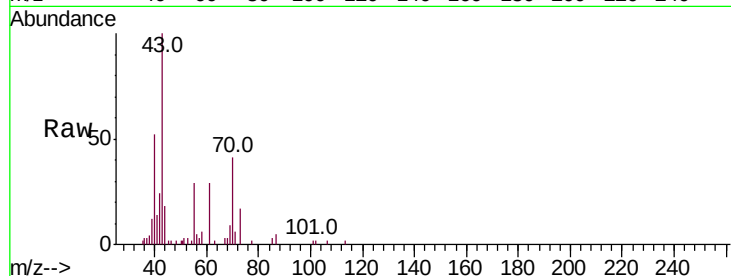
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	50.1	36.6	54.8	
55	32.8	18.7	28.1	
61	32.3	20.6	31.0	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 0.969 ug/l

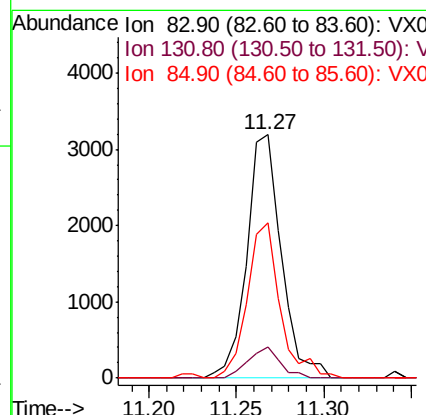
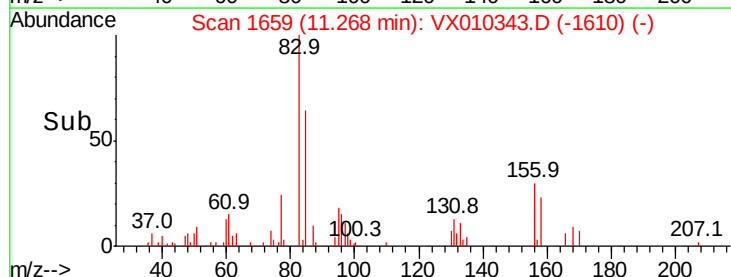
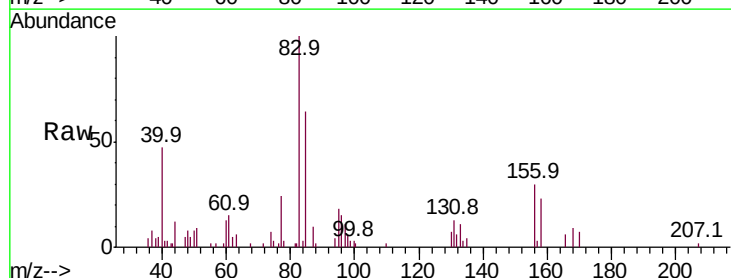
RT: 11.27 min Scan# 1659

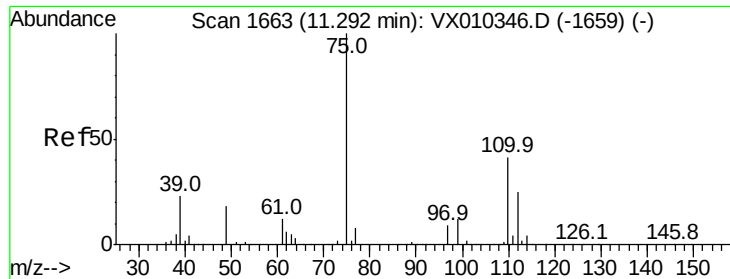
Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.7	5.5	16.4	
85	60.4	32.3	96.8	





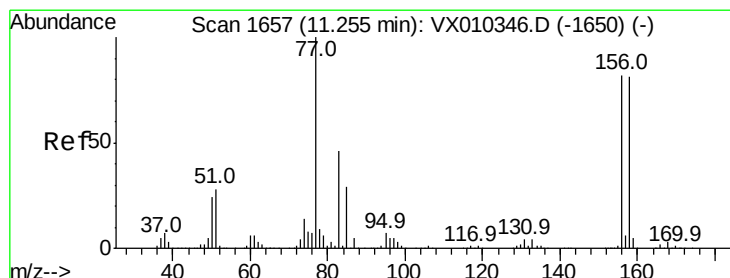
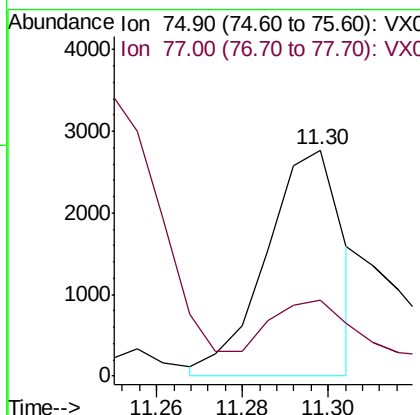
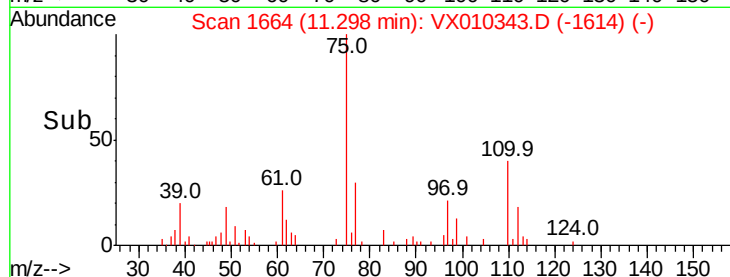
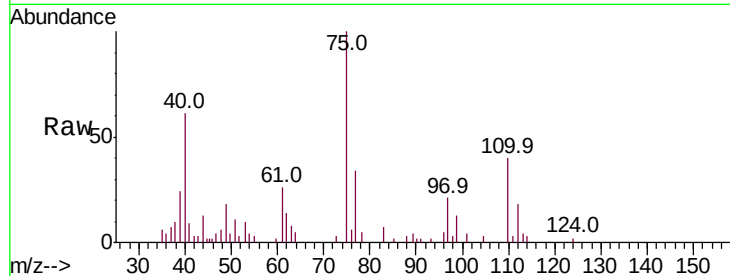
#76
1,2,3-Trichloropropane
Concen: 0.908 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. 0.01 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 3429
Ion Ratio Lower Upper
75 100
77 46.5 22.6 67.8

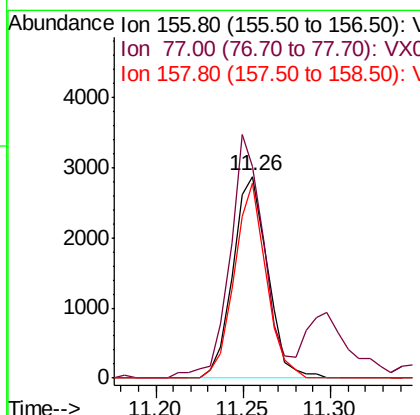
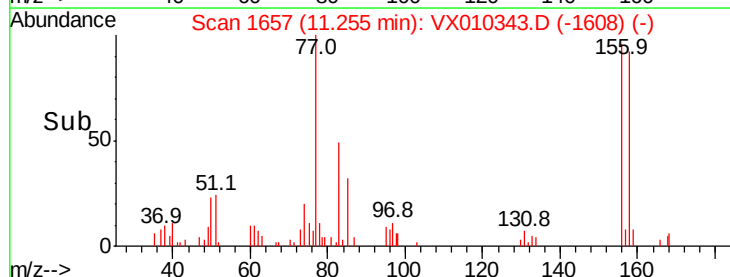
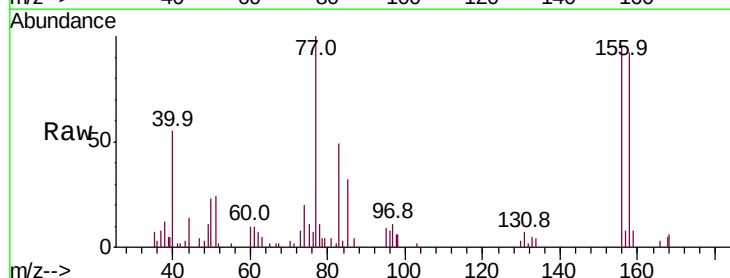
Manual Integrations
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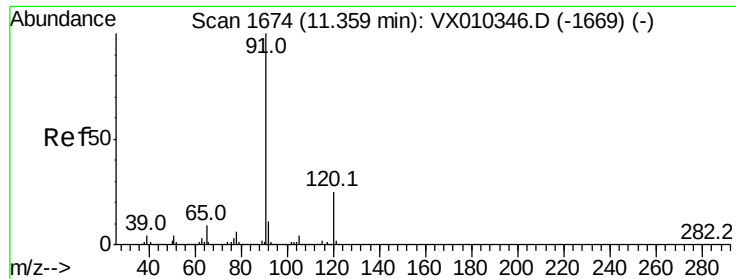
MMDadoda
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#77
Bromobenzene
Concen: 1.080 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion: 156 Resp: 3944
Ion Ratio Lower Upper
156 100
77 119.8 66.3 198.7
158 89.0 48.9 146.7





#78

n-propylbenzene

Concen: 0.944 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 13929

Ion Ratio Lower Upper

91 100

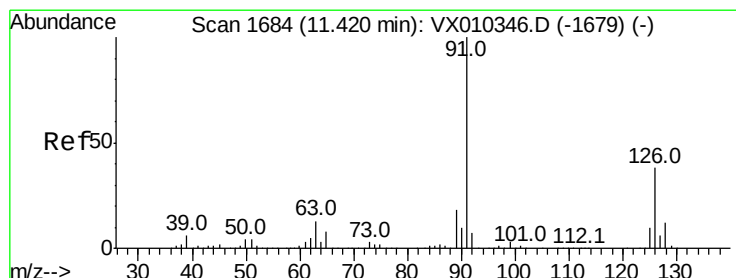
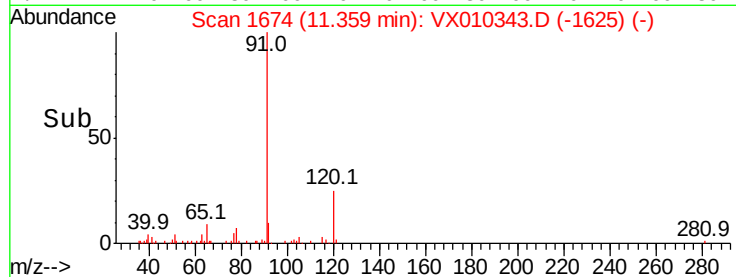
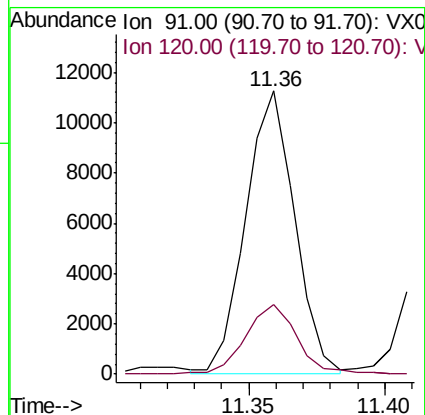
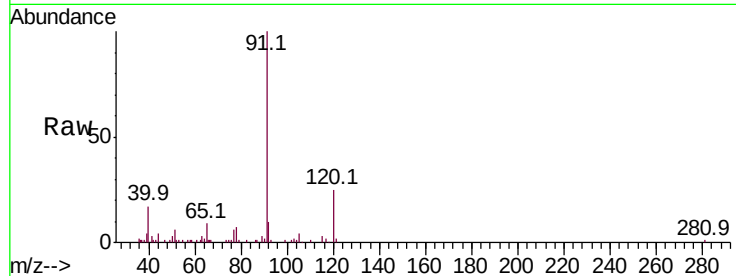
120 26.1 12.4 37.4

Manual Integrations

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#79

2-Chlorotoluene

Concen: 0.984 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010343.D

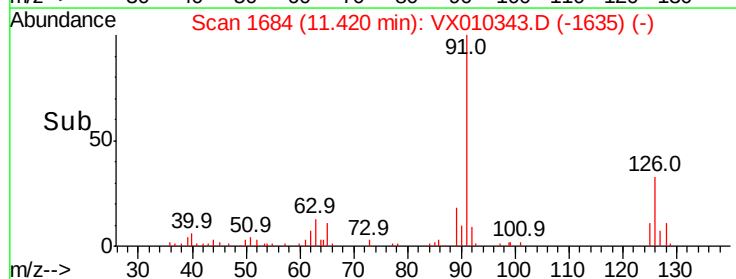
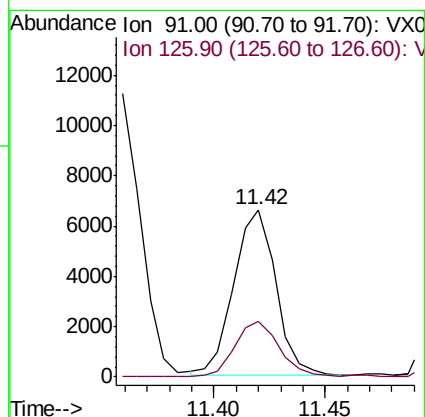
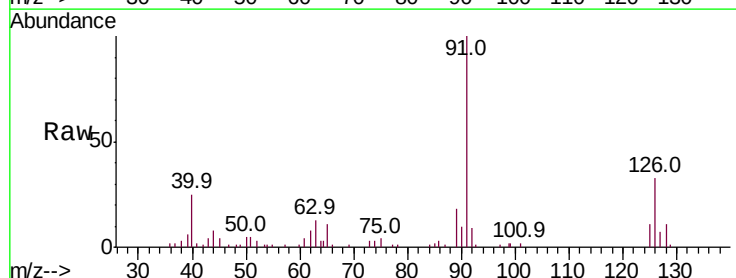
Acq: 19 Jun 2019 12:18

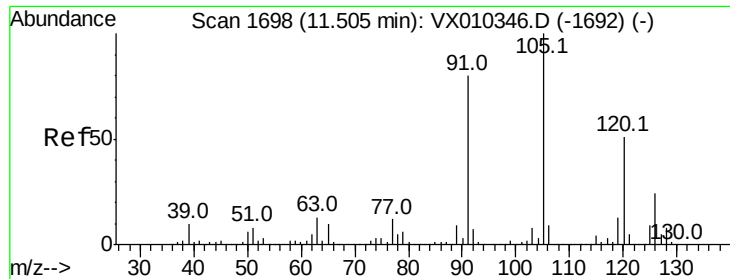
Tgt Ion: 91 Resp: 8702

Ion Ratio Lower Upper

91 100

126 35.1 18.7 56.1





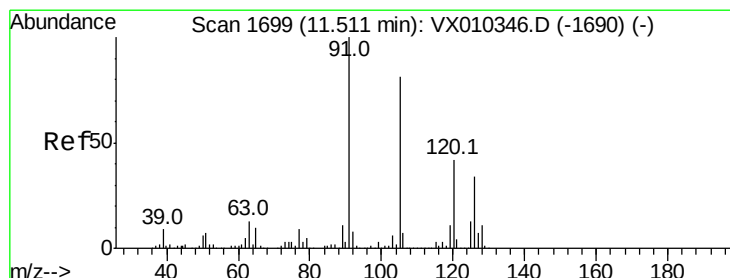
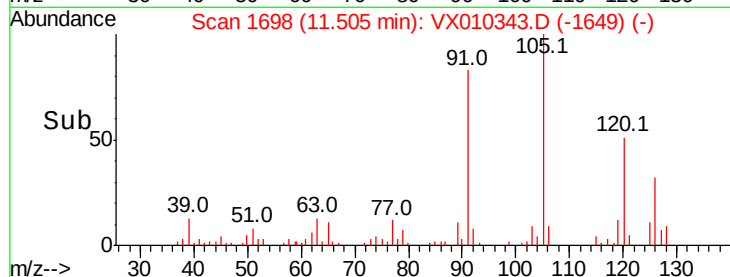
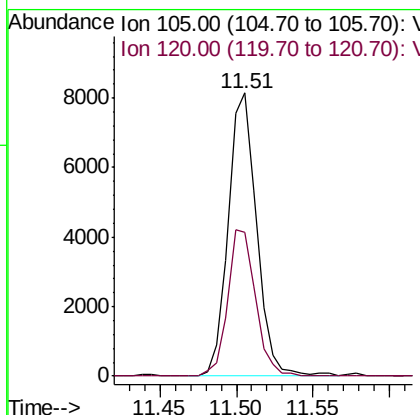
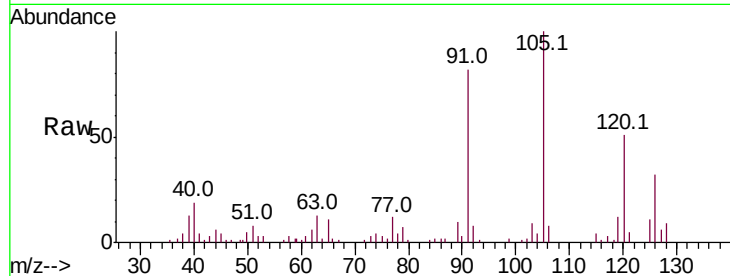
#80
 1,3,5-Trimethylbenzene
 Concen: 0.938 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 10492
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6

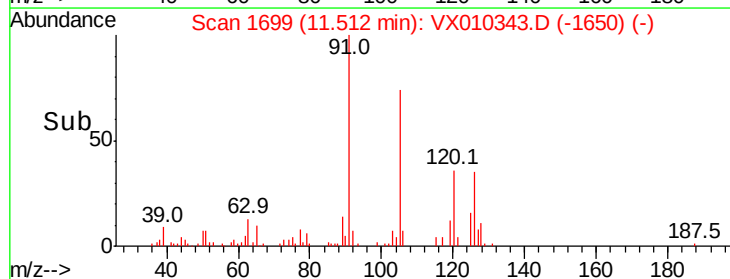
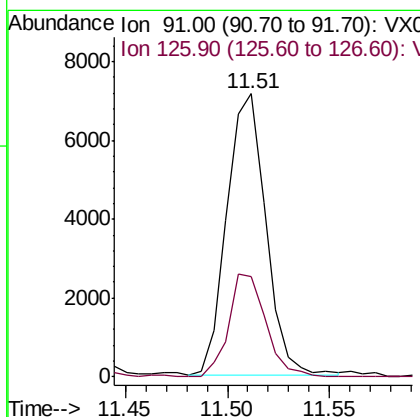
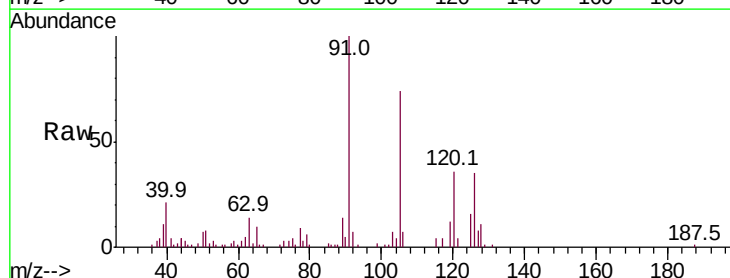
Manual Integrations
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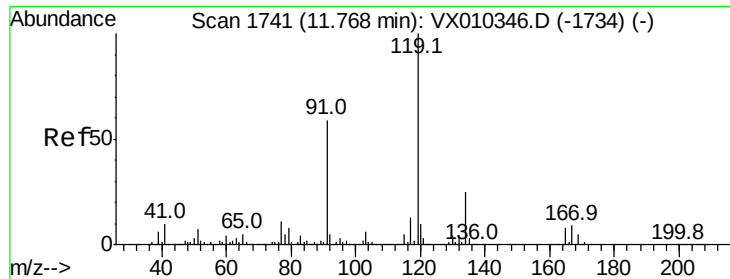
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 6/20/2019 1:23:14 PM



#82
 4-Chlorotoluene
 Concen: 0.938 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion: 91 Resp: 9419
 Ion Ratio Lower Upper
 91 100
 126 34.8 16.2 48.6





#83

tert-Butylbenzene

Concen: 0.912 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

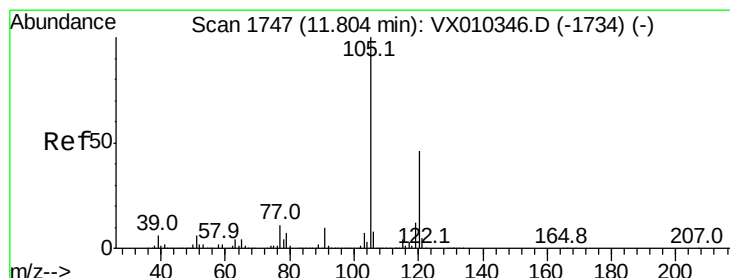
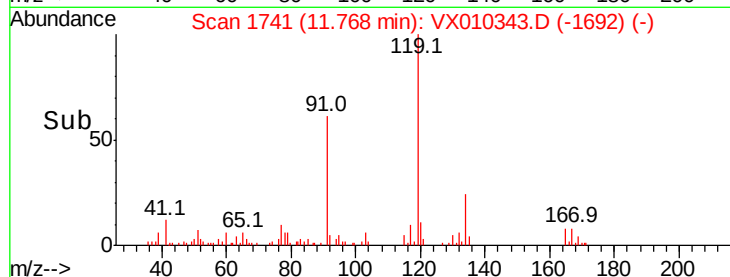
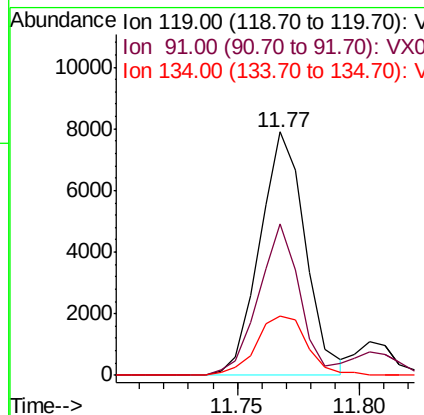
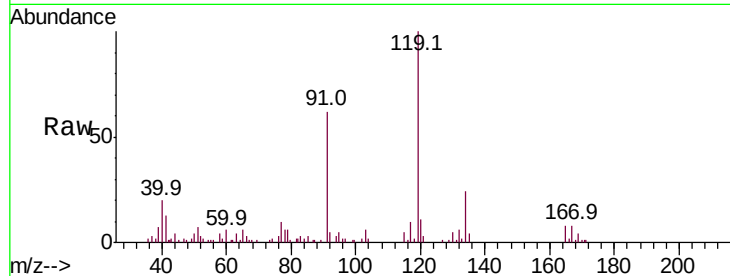
ClientSampleId :

VSTDIC001

Tot Ion:	119	Resp:	10291
Ion Ratio	Lower	Upper	
119	100		
91	57.0	27.6	82.7
134	27.2	11.8	35.4

Manual Integrations
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6/20/2019 1:23:14 PM



#84

1,2,4-Trimethylbenzene

Concen: 0.911 ug/l

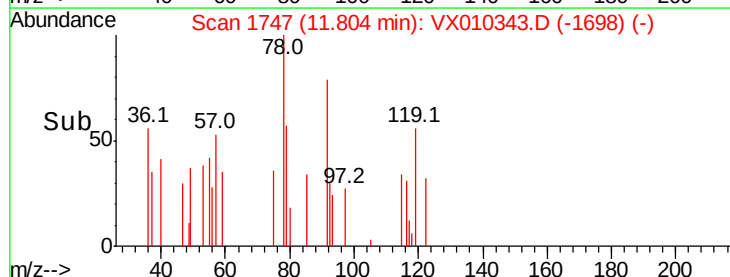
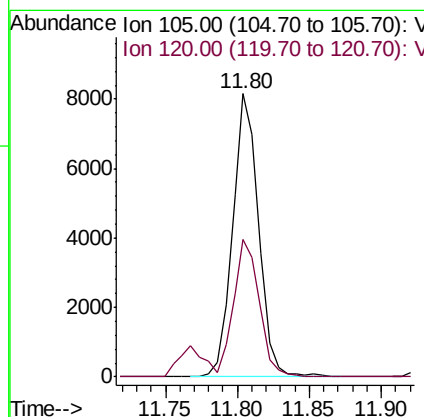
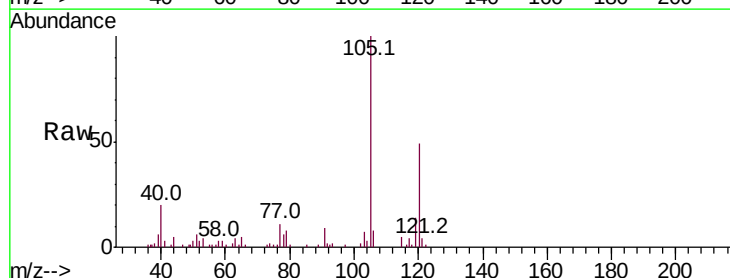
RT: 11.80 min Scan# 1747

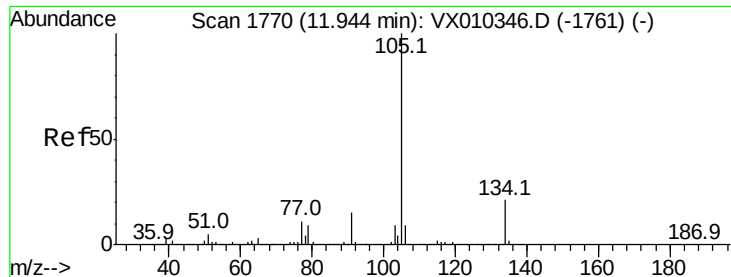
Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Tgt Ion:	105	Resp:	10287
Ion Ratio	Lower	Upper	
105	100		
120	48.0	23.1	69.2





#85

sec-Butylbenzene

Concen: 0.925 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 12181

Ion Ratio Lower Upper

105 100

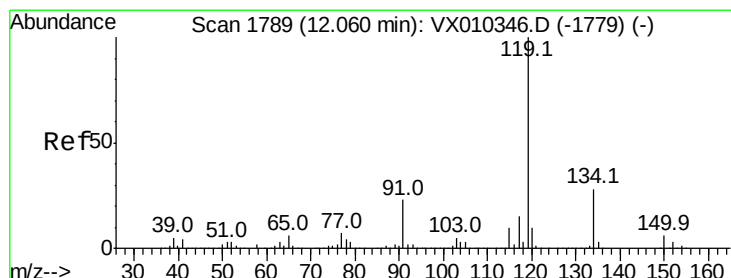
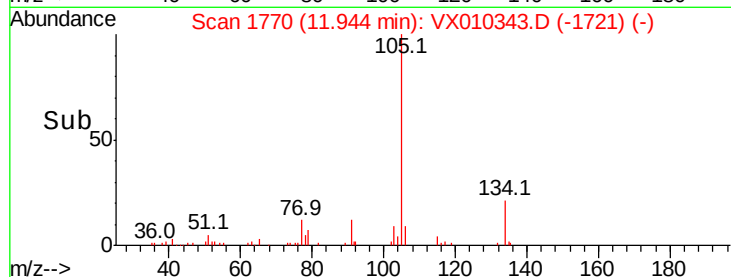
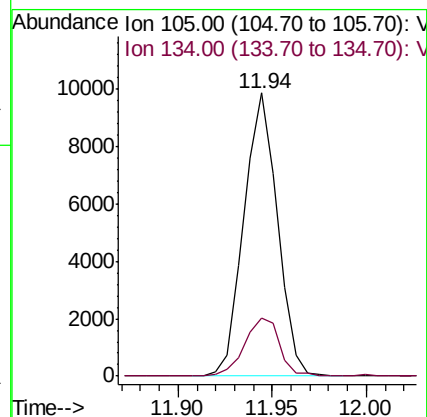
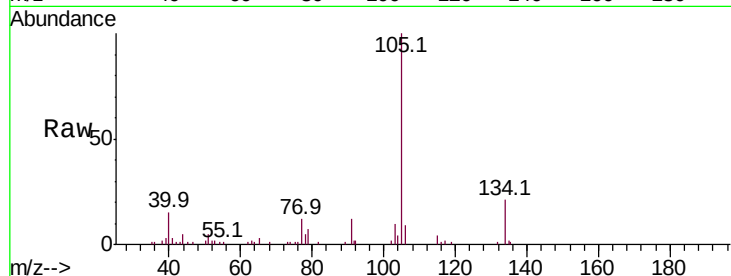
134 21.4 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 0.947 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

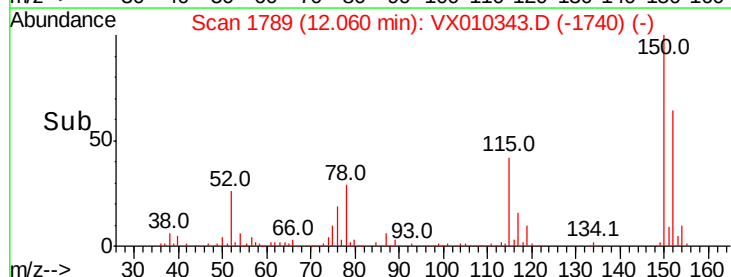
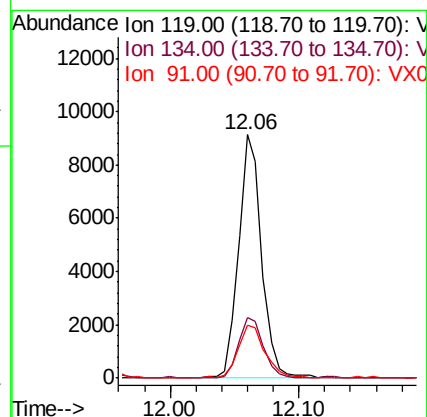
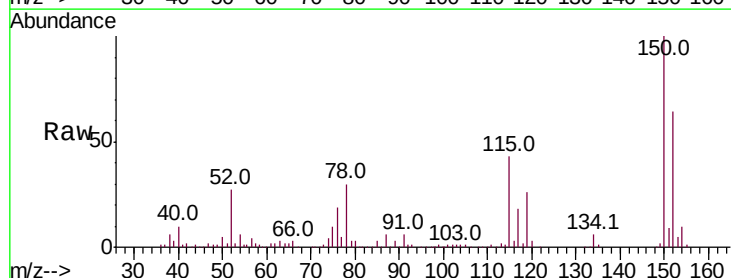
Tgt Ion:119 Resp: 11415

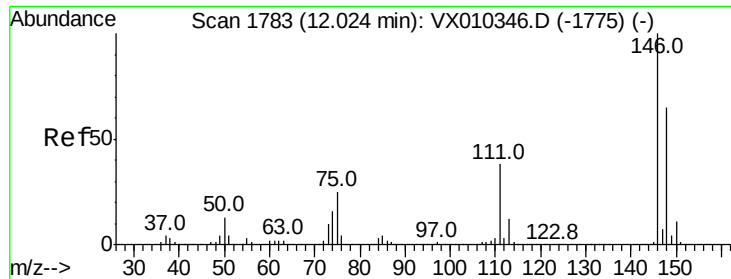
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

91 25.3 11.3 33.8





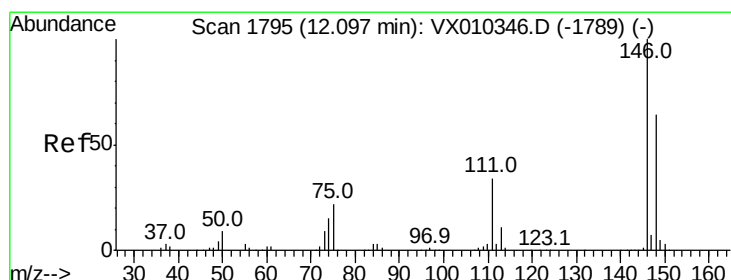
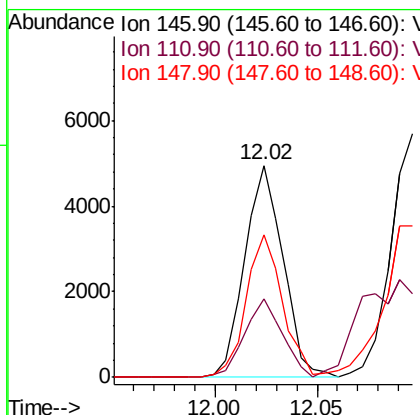
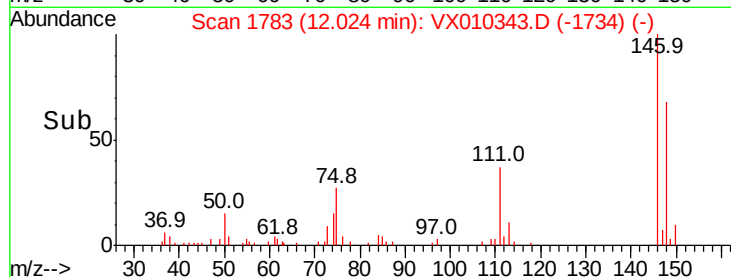
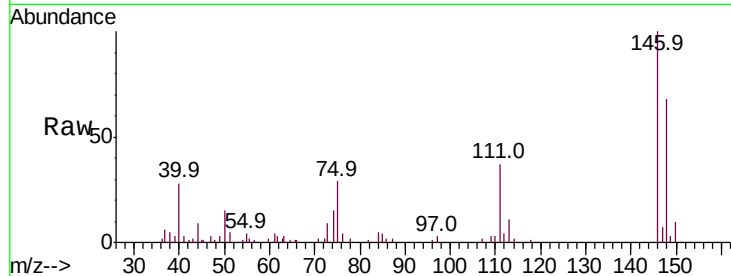
#87
 1,3-Dichlorobenzene
 Concen: 1.007 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	19.1	57.1
148	64.7	32.5	97.4

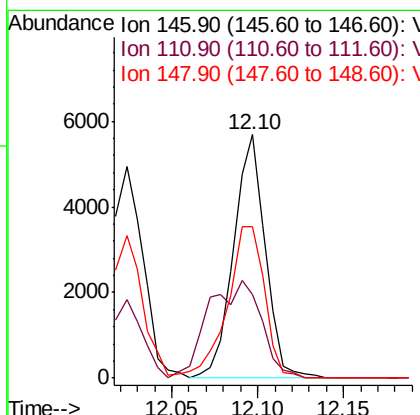
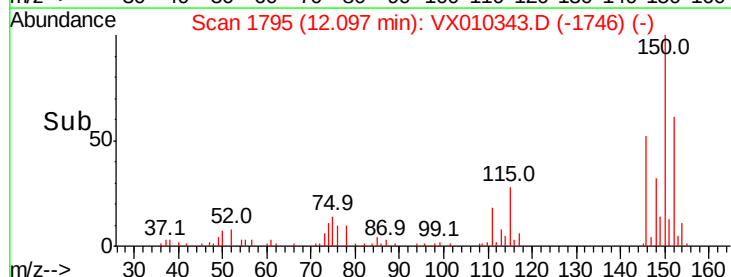
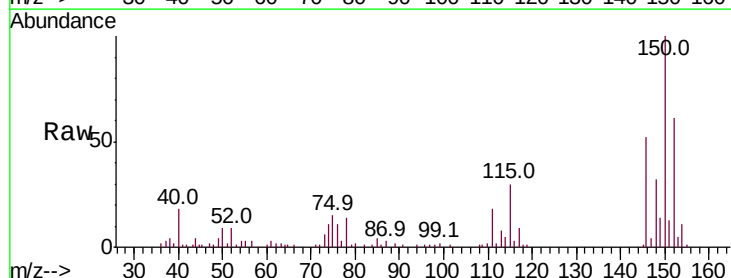
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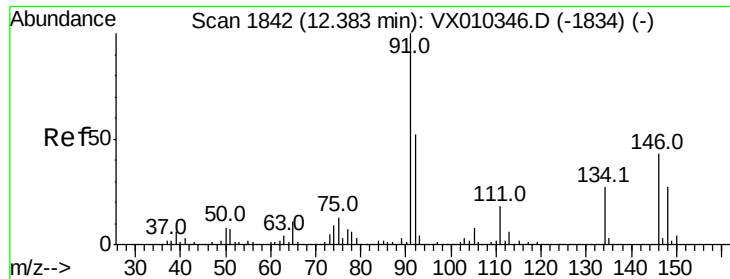
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#88
 1,4-Dichlorobenzene
 Concen: 1.123 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010343.D
 Acq: 19 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	32.4	18.1	54.3
148	57.3	32.1	96.3





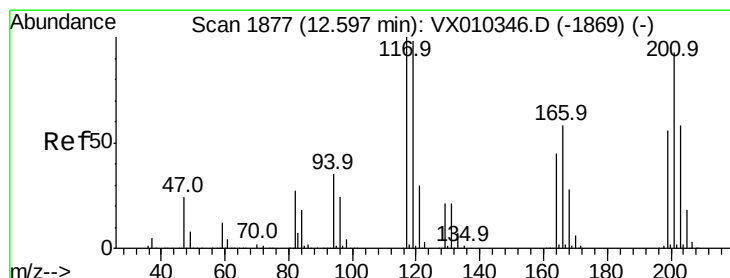
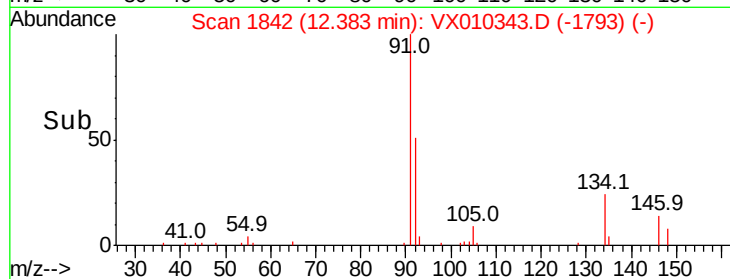
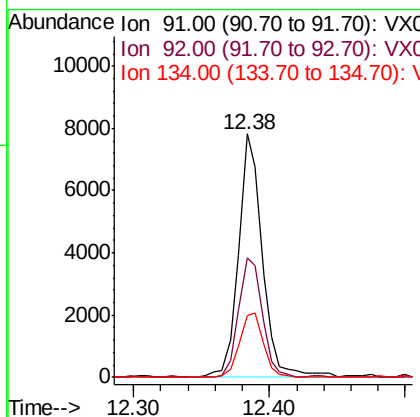
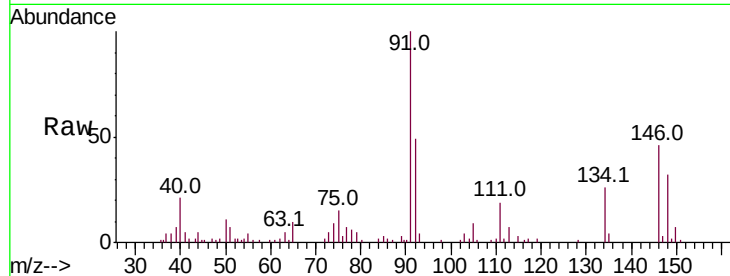
#89
n-Butylbenzene
Concen: 0.919 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.8	26.2	78.5
134	26.4	14.1	42.4

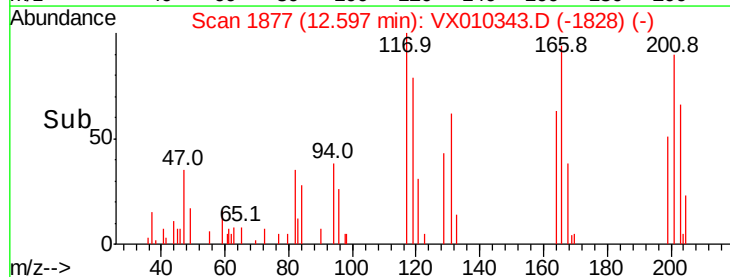
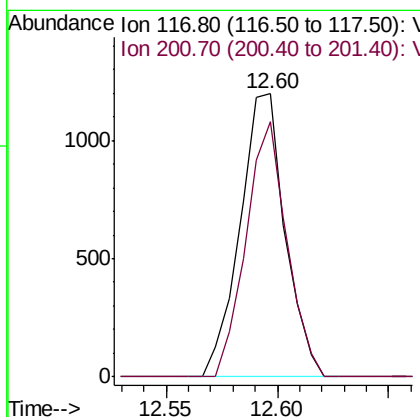
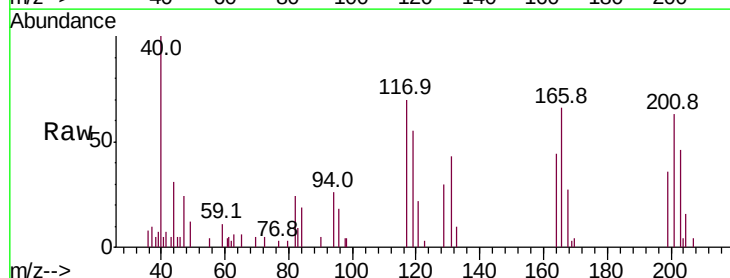
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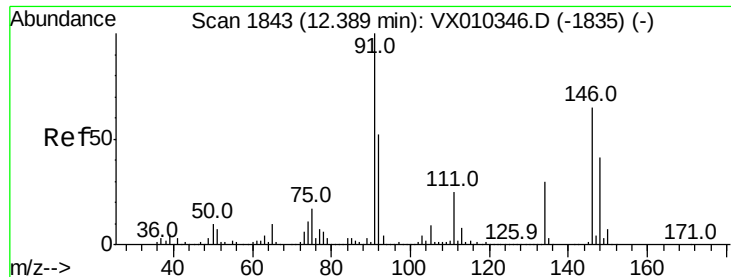
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#90
Hexachloroethane
Concen: 0.715 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.5	44.0	131.8





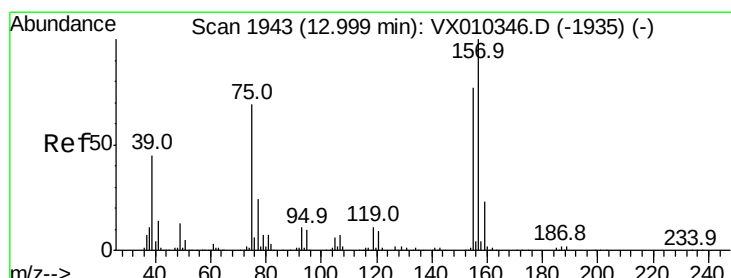
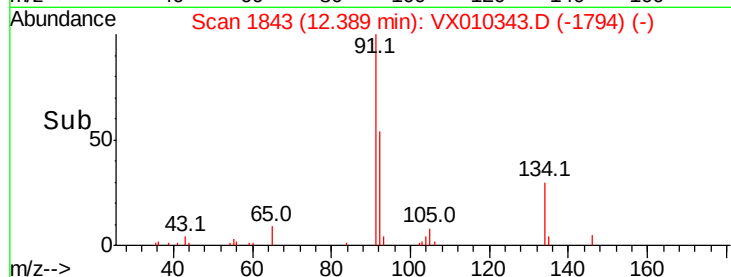
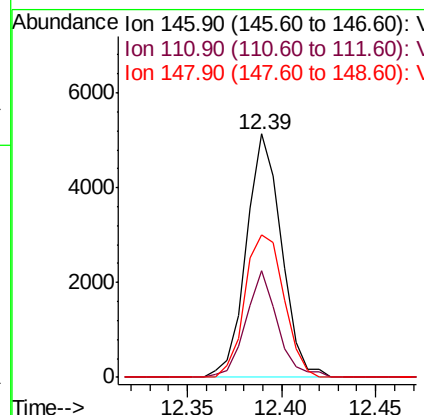
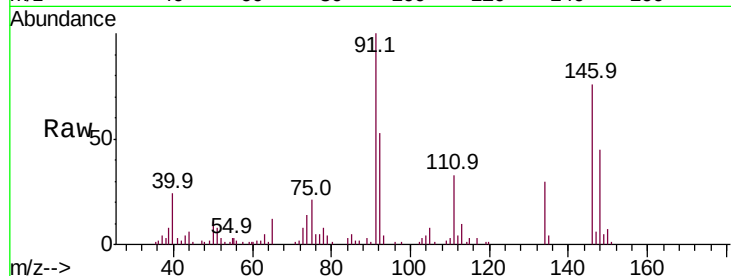
#91
1,2-Dichlorobenzene
Concen: 1.058 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.2	57.6
148	65.2	32.0	96.0

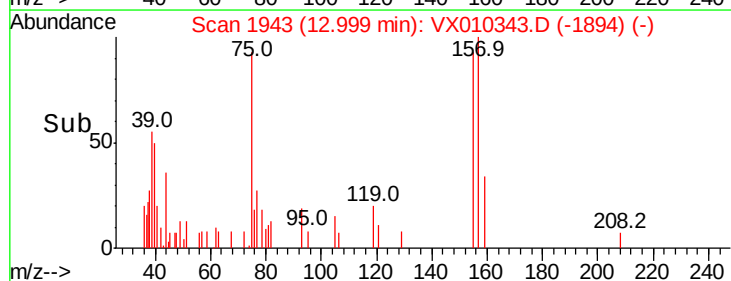
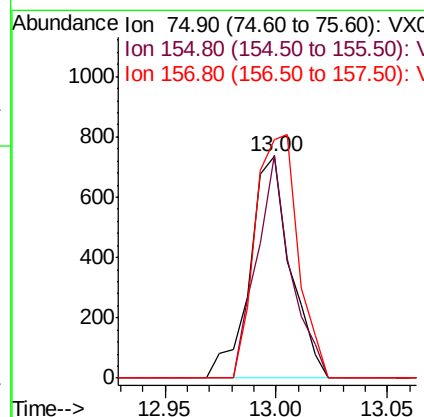
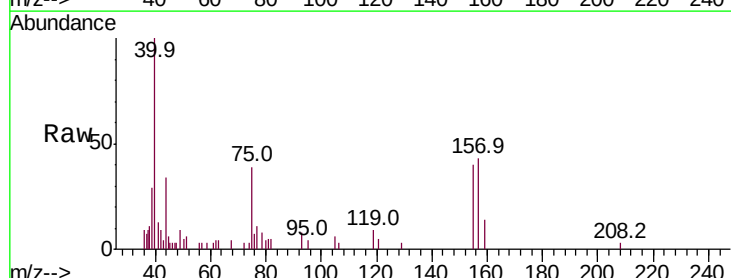
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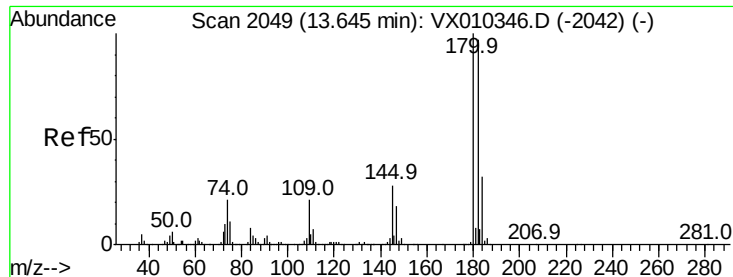
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#92
1,2-Dibromo-3-Chloropropane
Concen: 0.893 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	54.4	163.1
157	115.5	69.5	208.3





#93

1,2,4-Trichlorobenzene

Concen: 0.972 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010343.D

Acq: 19 Jun 2019 12:18

Instrument :

MSVOA_X

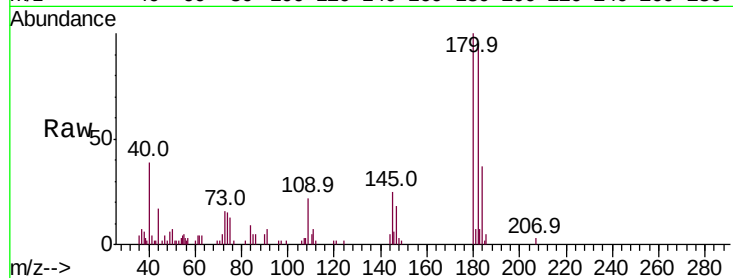
ClientSampleId :

VSTDIC001

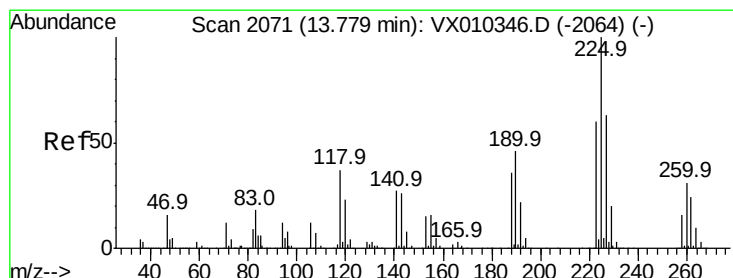
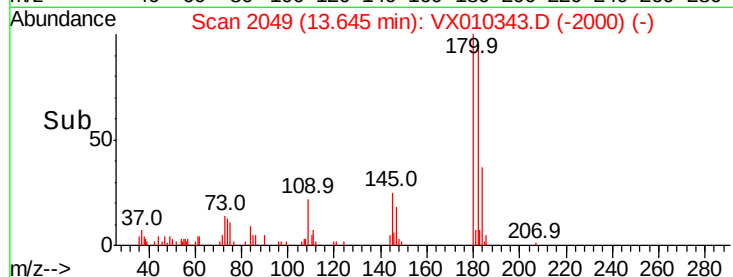
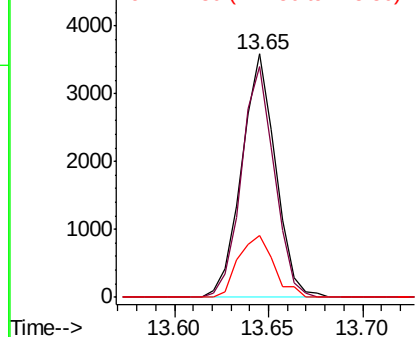
Tot Ion:	180	Resp:	4455
Ion Ratio	Lower	Upper	
180	100		
182	92.3	48.0	144.0
145	26.6	14.4	43.4

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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 1.115 ug/l

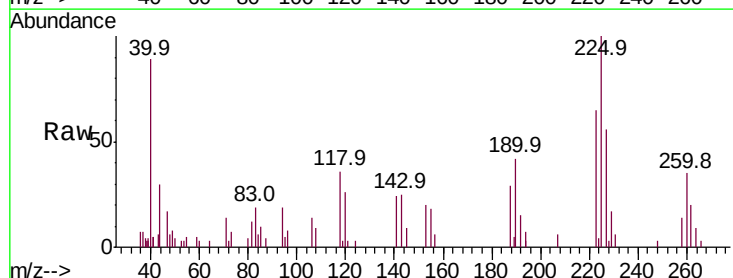
RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

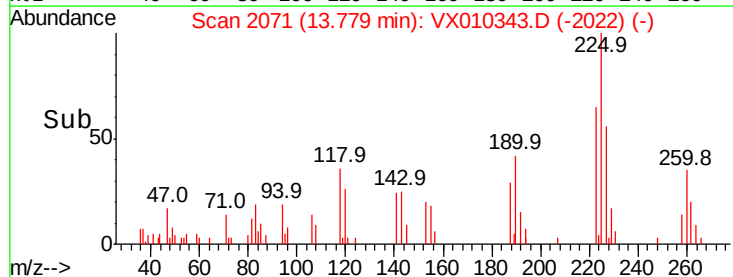
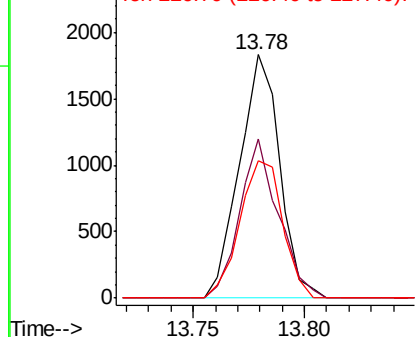
Lab File: VX010343.D

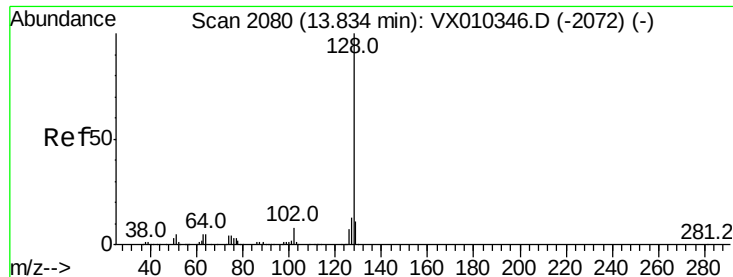
Acq: 19 Jun 2019 12:18

Tgt Ion:	225	Resp:	2307
Ion Ratio	Lower	Upper	
225	100		
223	62.9	30.9	92.7
227	60.2	31.9	95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





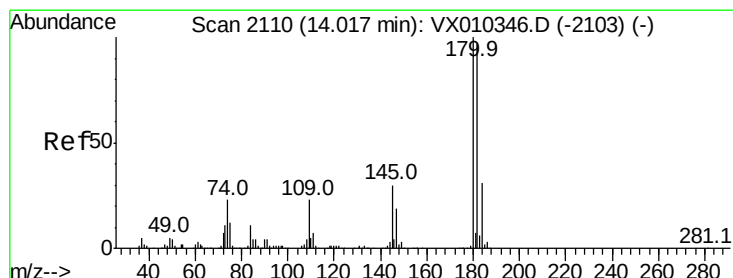
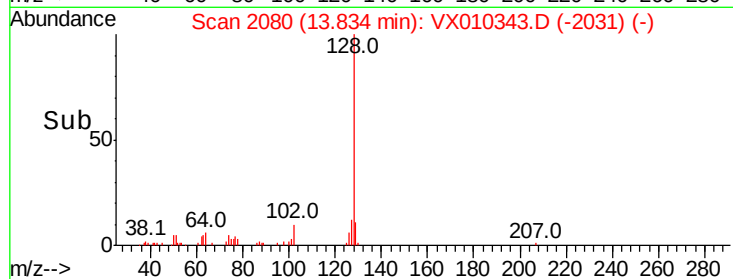
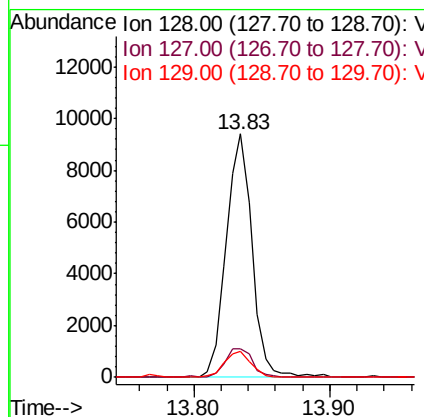
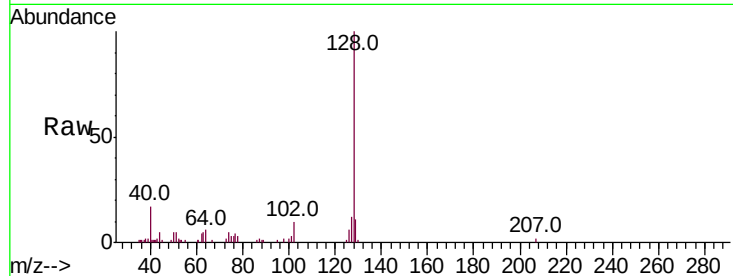
#95
Naphthalene
Concen: 0.861 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:128	Resp:	12371
Ion Ratio	Lower	Upper
128 100		
127 12.7	10.2	15.4
129 11.0	8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 0.898 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010343.D
Acq: 19 Jun 2019 12:18

Tgt Ion:180	Resp:	4077
Ion Ratio	Lower	Upper
180 100		
182 96.7	47.8	143.3
145 31.8	15.2	45.6

