

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032419\
 Data File : VX008386.D
 Acq On : 24 Mar 2019 12:59
 Operator : JC/SP
 Sample : VX0324WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:24:23 AM

Quant Time: Mar 25 06:47:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	205035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355909	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147024	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	154880	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	5.50	113	111910	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
50) Toluene-d8	8.71	98	452525	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	162865	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	45990	19.814	ug/l	99
3) Chloromethane	1.32	50	67435	19.599	ug/l	100
4) Vinyl Chloride	1.40	62	66596	19.830	ug/l	99
5) Bromomethane	1.64	94	41998	19.860	ug/l	98
6) Chloroethane	1.72	64	39464	20.065	ug/l	95
7) Trichlorofluoromethane	1.93	101	74115	19.407	ug/l	98
8) Diethyl Ether	2.18	74	35624	19.481	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43542	19.246	ug/l	90
10) Methyl Iodide	2.51	142	49970	17.410	ug/l	97
11) Tert butyl alcohol	3.04	59	67103	96.336	ug/l	98
12) 1,1-Dichloroethene	2.37	96	45250	19.377	ug/l	89
13) Acrolein	2.29	56	49727	83.544	ug/l	99
14) Allyl chloride	2.73	41	98547	19.075	ug/l	94
15) Acrylonitrile	3.14	53	174500	97.827	ug/l	98
16) Acetone	2.44	43	160643	102.772	ug/l	98
17) Carbon Disulfide	2.57	76	136115	18.228	ug/l	99
18) Methyl Acetate	2.77	43	76206	19.477	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	167128	19.870	ug/l	98
20) Methylene Chloride	2.85	84	54695	19.437	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	48422	19.149	ug/l	91
22) Diisopropyl ether	3.85	45	202477	20.129	ug/l #	83
23) Vinyl Acetate	3.81	43	898631	101.184	ug/l	97
24) 1,1-Dichloroethane	3.70	63	101051	19.704	ug/l	99
25) 2-Butanone	4.67	43	258095	100.277	ug/l	95
26) 2,2-Dichloropropane	4.58	77	62601	18.946	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	56180	19.398	ug/l	91
28) Bromochloromethane	5.01	49	54072	21.120	ug/l #	77
29) Tetrahydrofuran	5.13	42	168736	98.735	ug/l	96
30) Chloroform	5.21	83	91100	19.702	ug/l	100
31) Cyclohexane	5.58	56	96891	19.702	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	71609	19.575	ug/l	96
36) 1,1-Dichloropropene	5.80	75	70813	19.471	ug/l	95
37) Ethyl Acetate	4.83	43	97779	19.865	ug/l	97
38) Carbon Tetrachloride	5.79	117	59299	19.021	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86860	19.485	ug/l	91
40) Benzene	6.14	78	217520	19.639	ug/l	99
41) Methacrylonitrile	5.04	41	54221	20.210	ug/l	97
42) 1,2-Dichloroethane	6.19	62	79403	19.755	ug/l	96
43) Isopropyl Acetate	6.45	43	149218	19.469	ug/l	97
44) Trichloroethene	7.21	130	48562	18.881	ug/l	88
45) 1,2-Dichloropropane	7.51	63	61322	19.557	ug/l	99
46) Dibromomethane	7.66	93	35218	18.926	ug/l #	85
47) Bromodichloromethane	7.90	83	67995	19.157	ug/l	99
48) Methyl methacrylate	7.77	41	76774	19.851	ug/l	93
49) 1,4-Dioxane	7.74	88	30847	395.316	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	496436	98.718	ug/l	97
52) Toluene	8.78	92	128589	19.800	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	72983	19.125	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	83064	19.198	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	52397	19.423	ug/l	96
56) Ethyl methacrylate	9.18	69	94628	19.814	ug/l	91
57) 1,3-Dichloropropane	9.37	76	93426	19.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	252540	98.073	ug/l	92
59) 2-Hexanone	9.49	43	388037	100.517	ug/l	95
60) Dibromochloromethane	9.58	129	49098	19.608	ug/l	99
61) 1,2-Dibromoethane	9.67	107	55140	20.140	ug/l	96
64) Tetrachloroethene	9.34	164	39500	19.203	ug/l	96
65) Chlorobenzene	10.14	112	129231	19.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45671	19.964	ug/l	98
67) Ethyl Benzene	10.25	91	245161	19.847	ug/l	97
68) m/p-Xylenes	10.36	106	178334	40.182	ug/l	92
69) o-Xylene	10.69	106	86468	19.924	ug/l	92
70) Styrene	10.71	104	151073	20.073	ug/l	96
71) Bromoform	10.85	173	34155	19.381	ug/l #	99
73) Isopropylbenzene	11.02	105	229940	19.818	ug/l	98
74) N-amyl acetate	10.90	43	136302	20.064	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	87252	18.879	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	73504m	19.100	ug/l	
77) Bromobenzene	11.26	156	53393	19.448	ug/l	80
78) n-propylbenzene	11.36	91	272352	20.027	ug/l	95
79) 2-Chlorotoluene	11.42	91	163354	19.720	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	196700	19.928	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	24533	18.167	ug/l #	85
82) 4-Chlorotoluene	11.51	91	185223	19.405	ug/l	94
83) tert-Butylbenzene	11.77	119	186623	19.855	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	198534	20.156	ug/l	96
85) sec-Butylbenzene	11.94	105	224469	19.926	ug/l	96
86) p-Isopropyltoluene	12.06	119	199184	20.061	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	95329	19.333	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	95628	19.060	ug/l	96
89) n-Butylbenzene	12.38	91	185176	19.535	ug/l	96
90) Hexachloroethane	12.60	117	31354	19.117	ug/l	81
91) 1,2-Dichlorobenzene	12.39	146	96673	19.358	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19825	20.126	ug/l	75

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QLast Update : Sat Mar 23 15:27:34 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	63513	18.860	ug/l	99
94) Hexachlorobutadiene	13.78	225	30767	19.332	ug/l	98
95) Naphthalene	13.83	128	238895	20.201	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	67874	19.974	ug/l	98

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

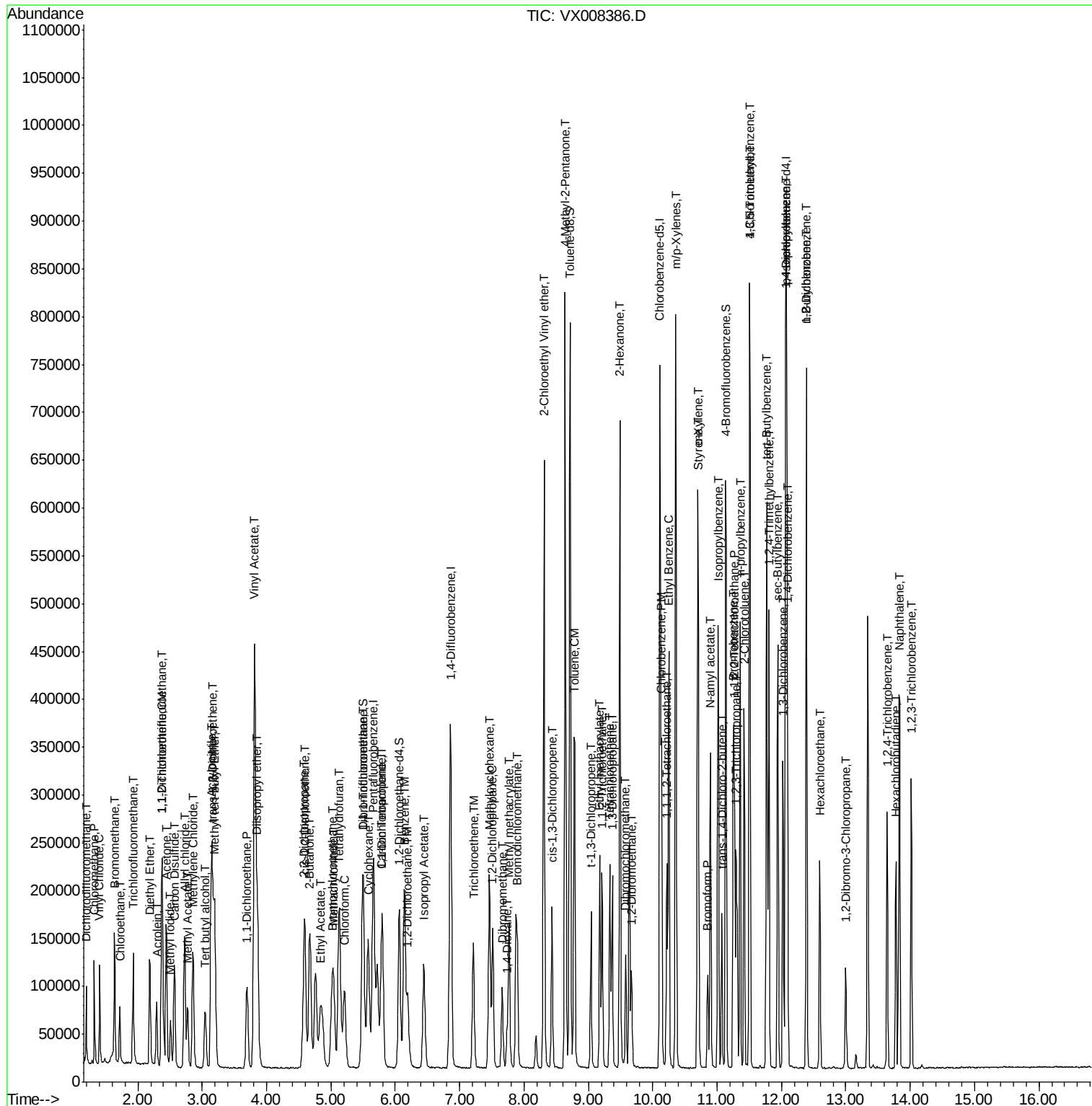
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 Data File : VX008386.D
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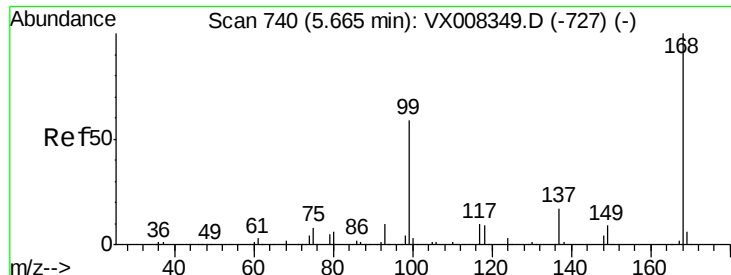
Instrument :
 MSVOA_X
 Client Sampled :
 VX0324WBSD01

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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: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tot Ion:168 Resp: 205035

Ion Ratio Lower Upper

168 100

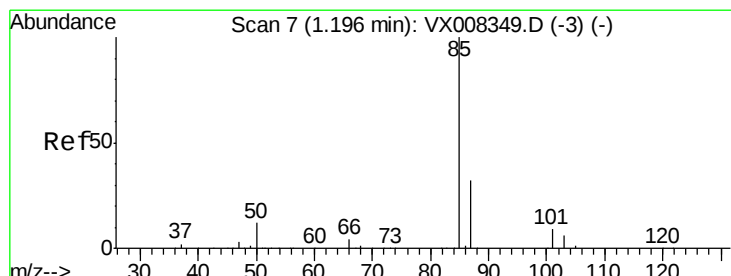
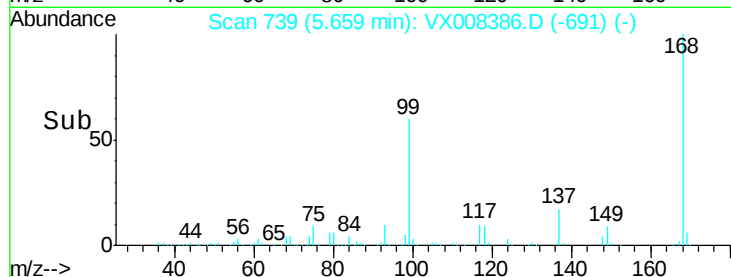
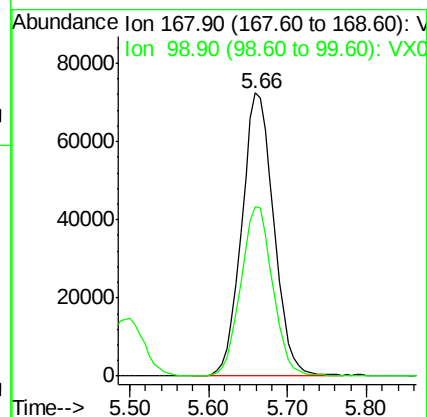
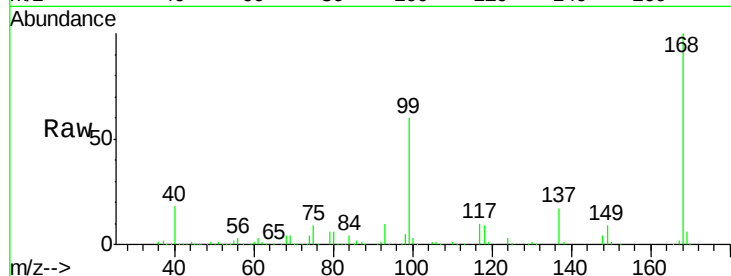
99 59.9 37.6 56.4#

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.814 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008386.D

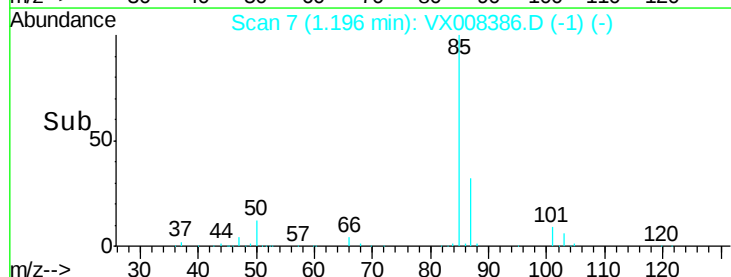
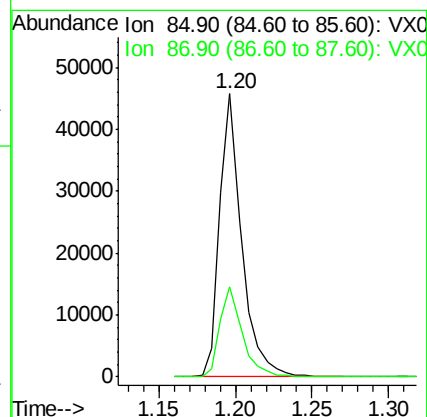
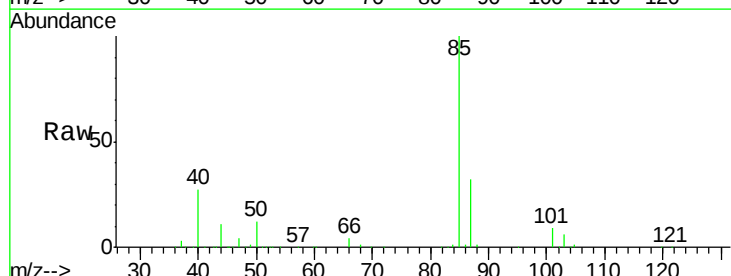
Acq: 24 Mar 2019 12:59

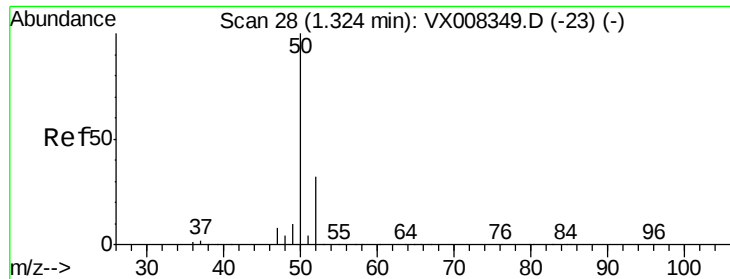
Tgt Ion: 85 Resp: 45990

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.1





#3

Chloromethane

Concen: 19.599 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tot Ion: 50 Resp: 67435

Ion Ratio Lower Upper

50 100

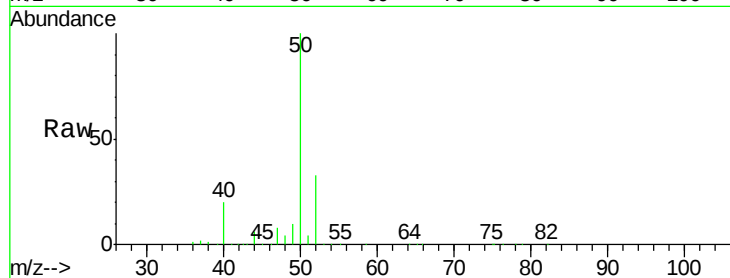
52 33.3 26.5 39.7

Manual Integrations

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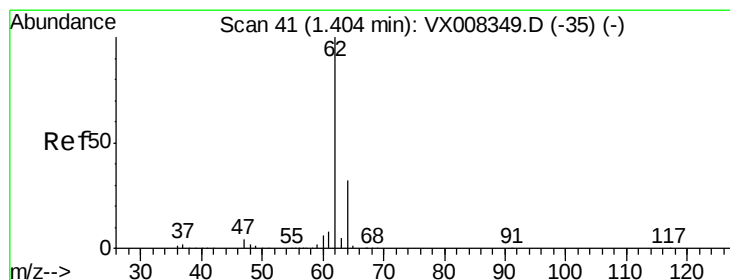
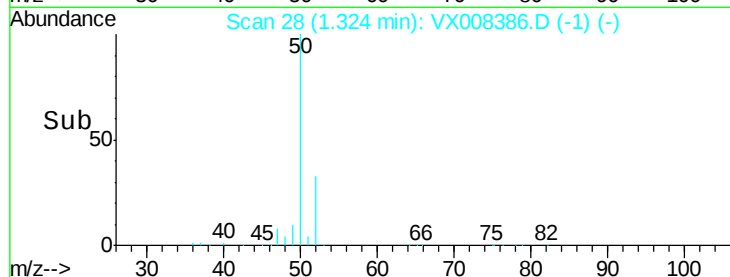
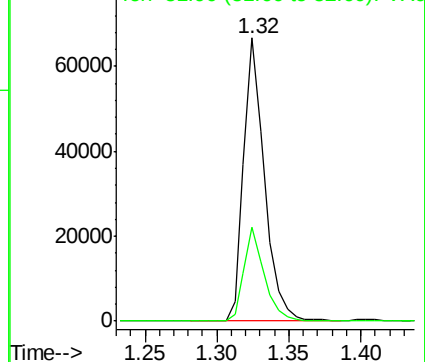
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.830 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008386.D

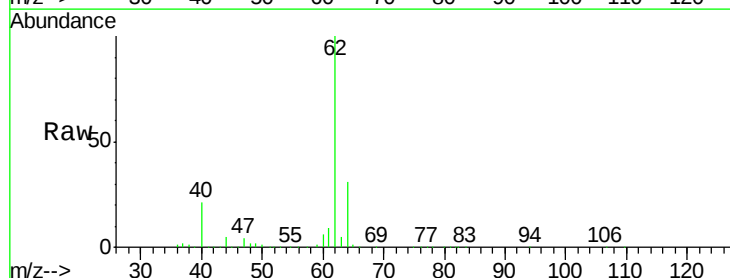
Acq: 24 Mar 2019 12:59

Tgt Ion: 62 Resp: 66596

Ion Ratio Lower Upper

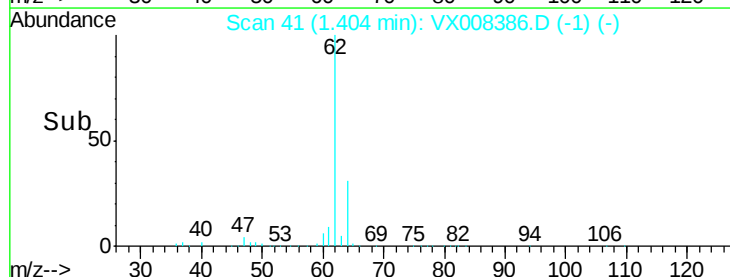
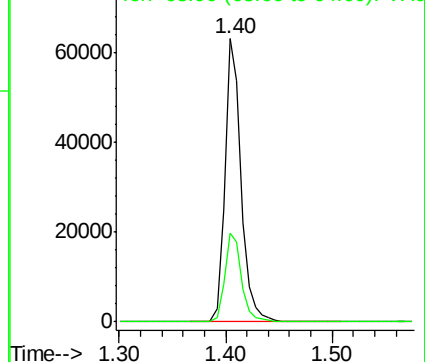
62 100

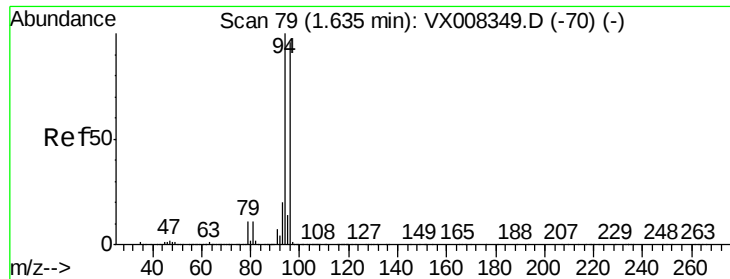
64 31.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.860 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

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ClientSampleId :

VX0324WBSD01

Tot Ion: 94 Resp: 41998

Ion Ratio Lower Upper

94 100

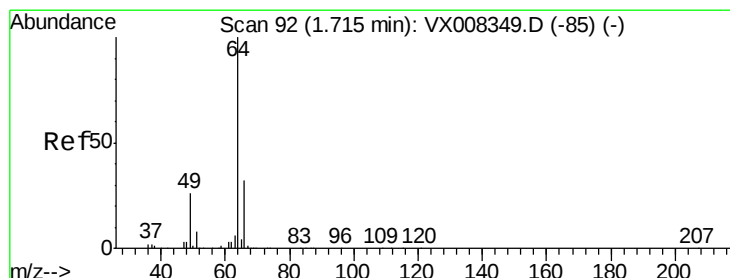
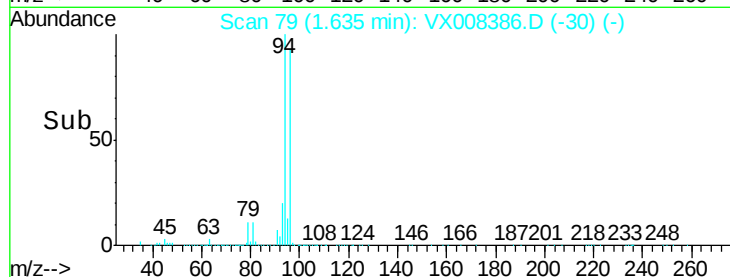
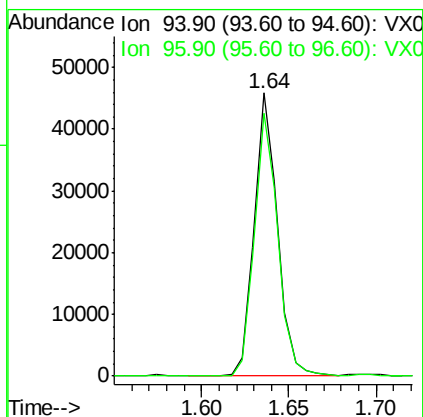
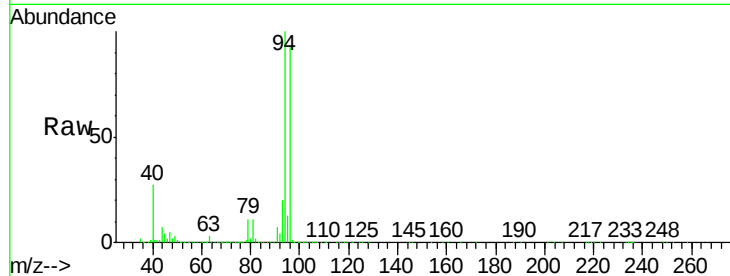
96 92.9 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 20.065 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008386.D

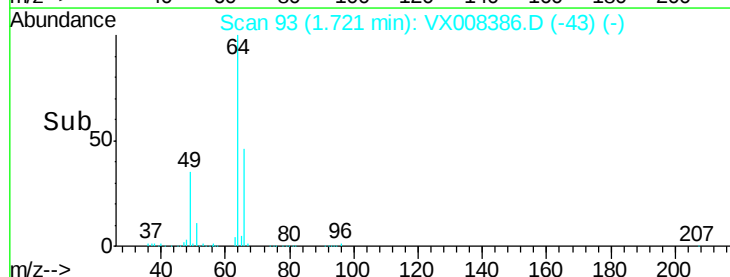
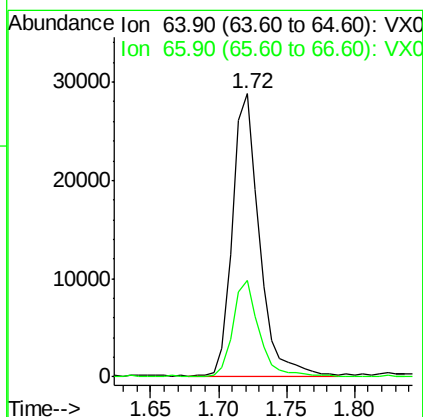
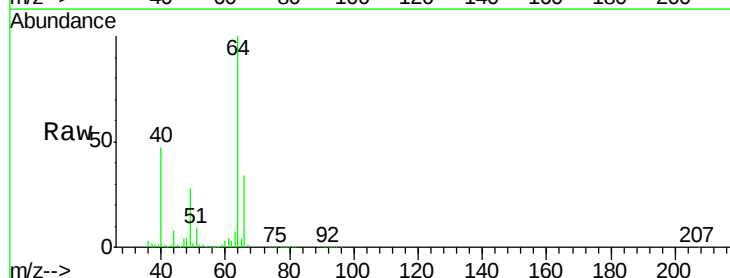
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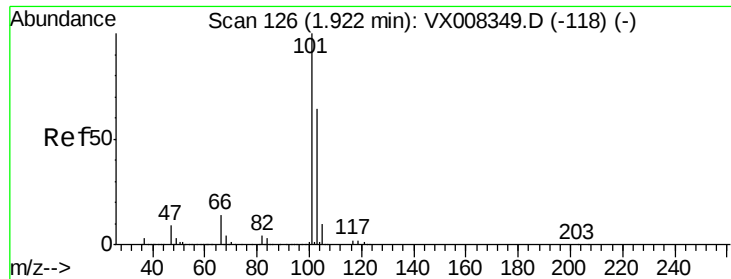
Tgt Ion: 64 Resp: 39464

Ion Ratio Lower Upper

64 100

66 34.2 25.2 37.8





#7

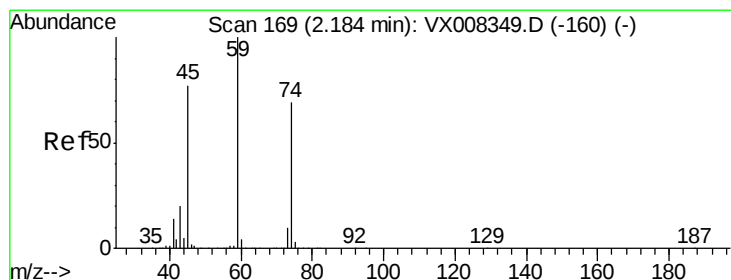
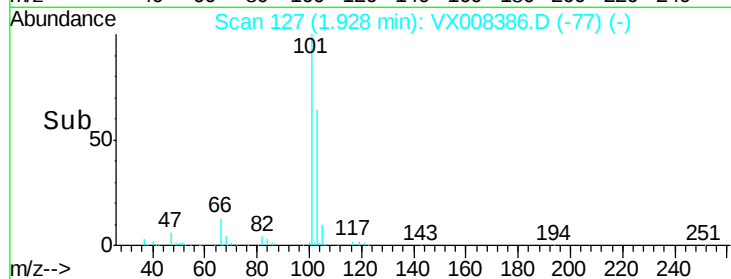
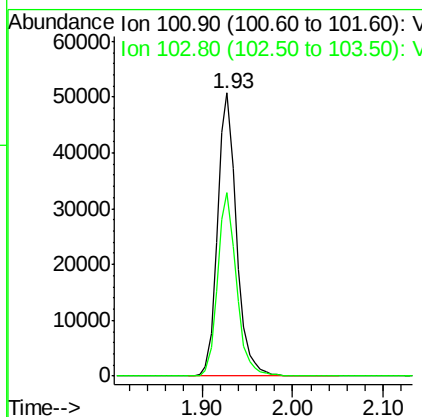
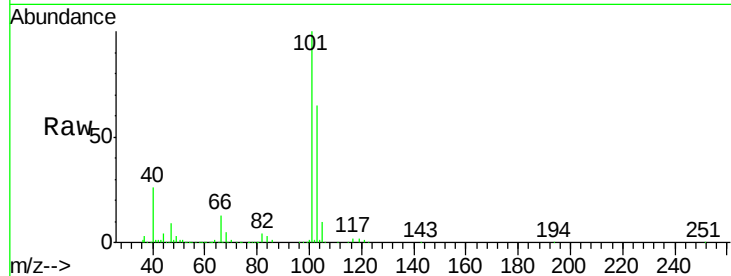
Trichlorofluoromethane
 Concen: 19.407 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.4	75.6

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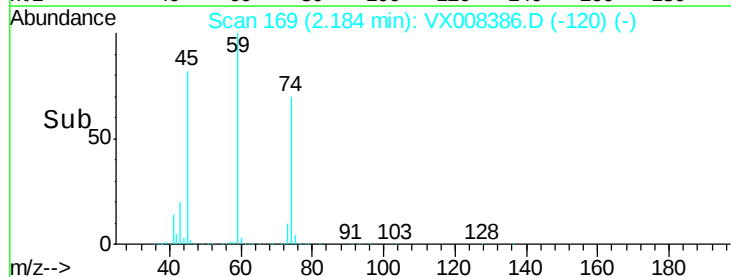
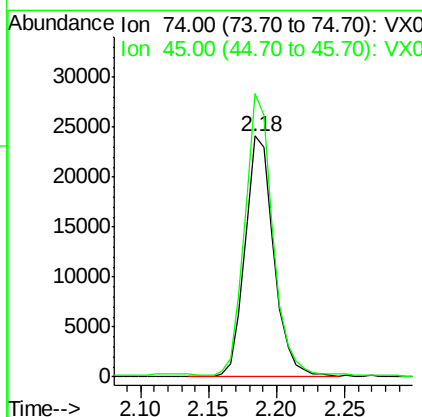
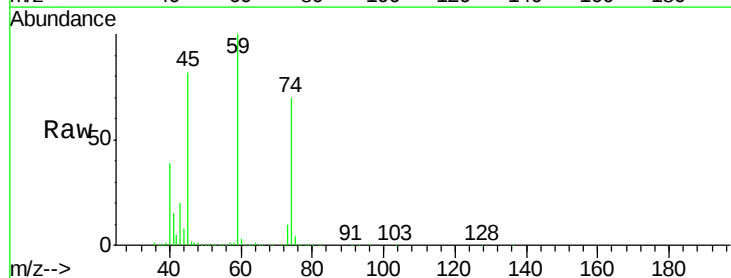
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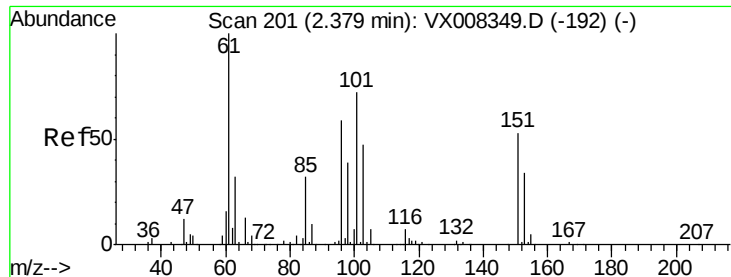


#8

Diethyl Ether
 Concen: 19.481 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	114.3	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.246 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

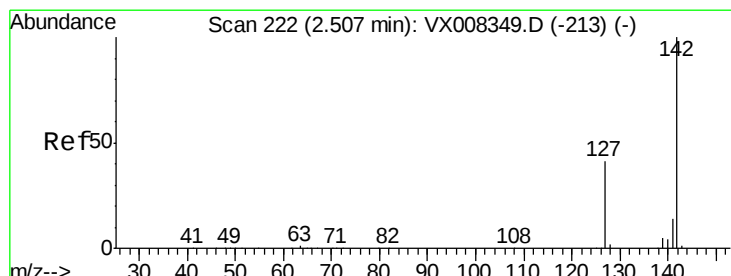
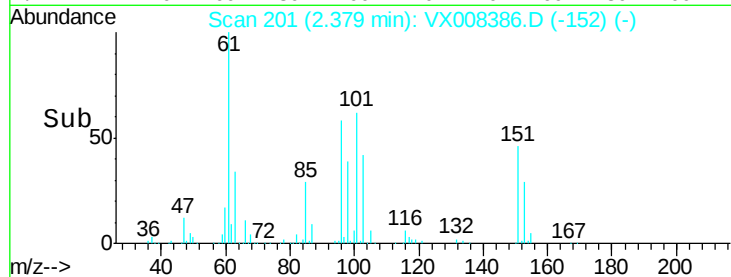
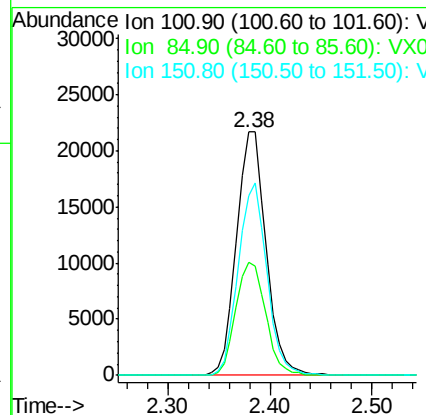
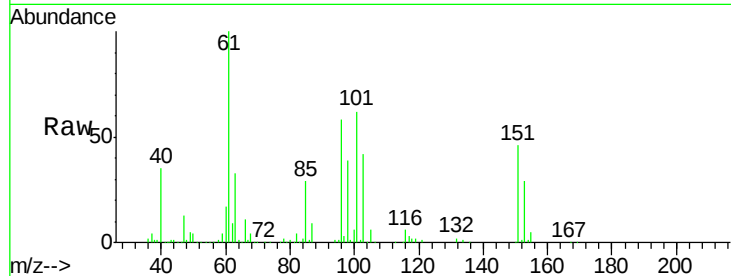
ClientSampleId :

VX0324WBSD01

Tot Ion:	101	Resp:	43542
Ion Ratio	Lower	Upper	
101	100		
85	47.2	33.8	50.6
151	76.4	69.1	103.7

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#10

Methyl Iodide

Concen: 17.410 ug/l

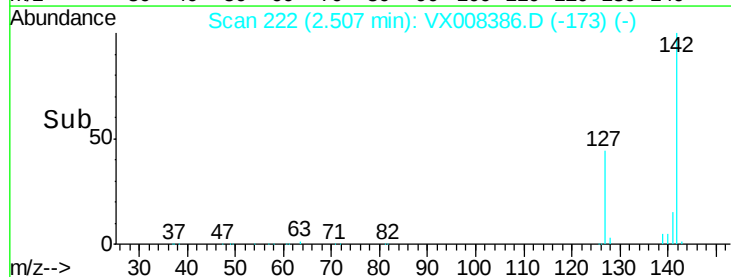
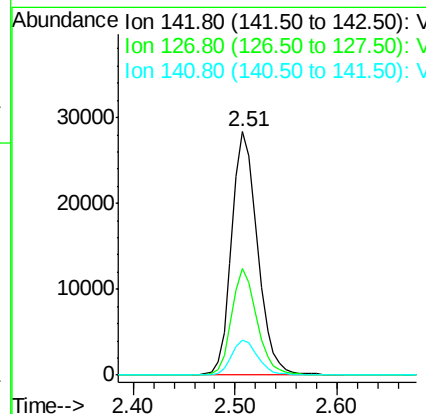
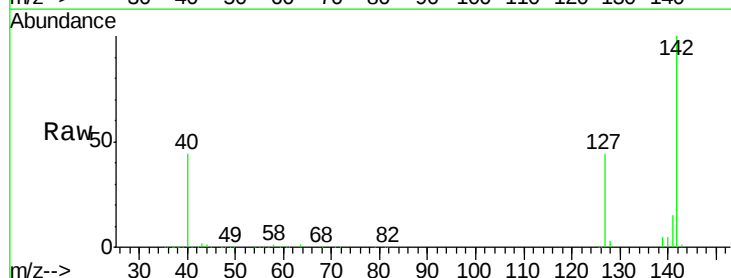
RT: 2.51 min Scan# 222

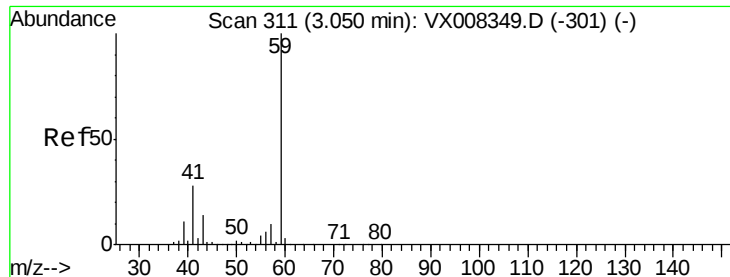
Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Tgt Ion:	142	Resp:	49970
Ion Ratio	Lower	Upper	
142	100		
127	42.5	32.1	48.1
141	14.5	11.4	17.2





#11

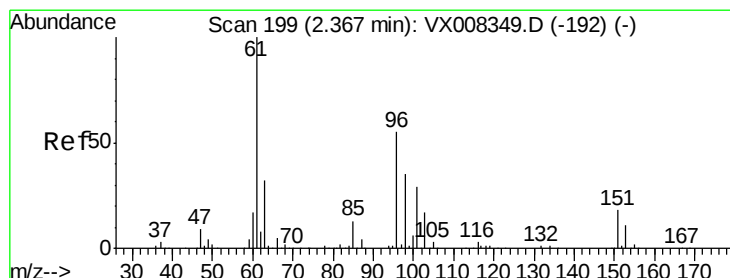
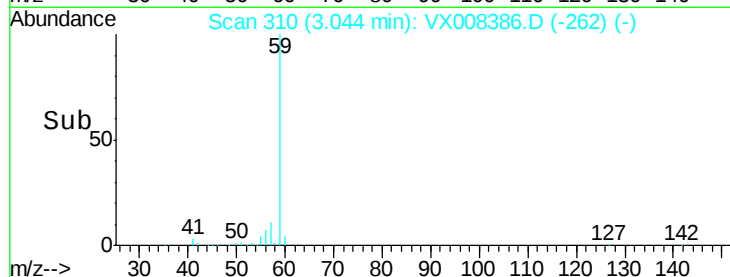
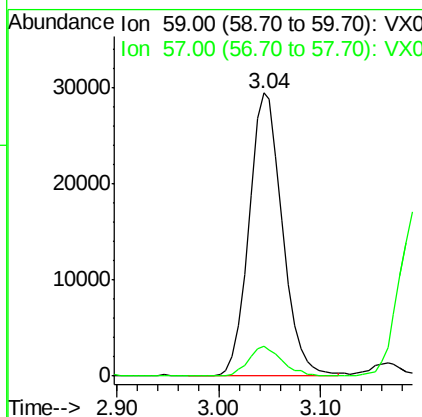
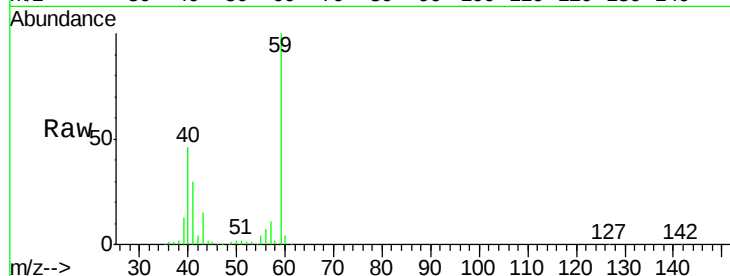
Tert butyl alcohol
Concen: 96.336 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion: 59 Resp: 67103
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

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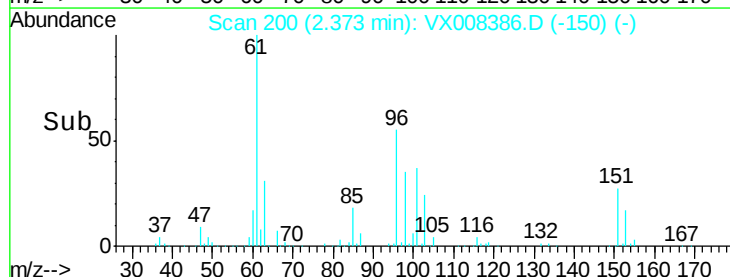
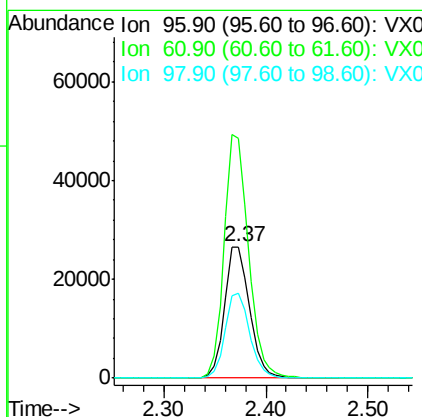
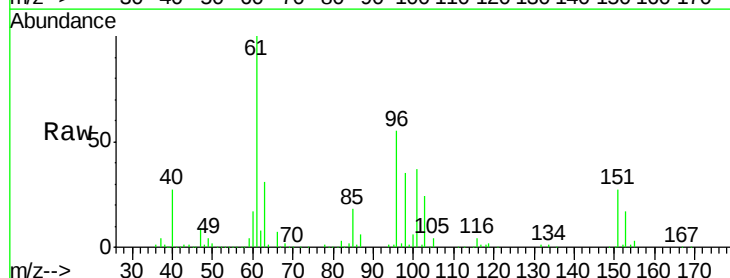
MMDadoda
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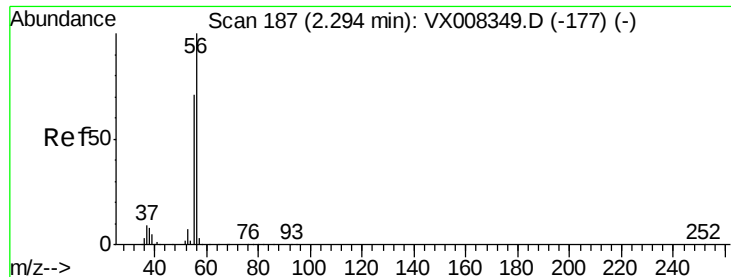


#12

1,1-Dichloroethene
Concen: 19.377 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion: 96 Resp: 45250
Ion Ratio Lower Upper
96 100
61 181.9 129.8 194.6
98 64.6 51.0 76.6





#13

Acrolein

Concen: 83.544 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampled :

VX0324WBSD01

Tot Ion: 56 Resp: 49727

Ion Ratio Lower Upper

56 100

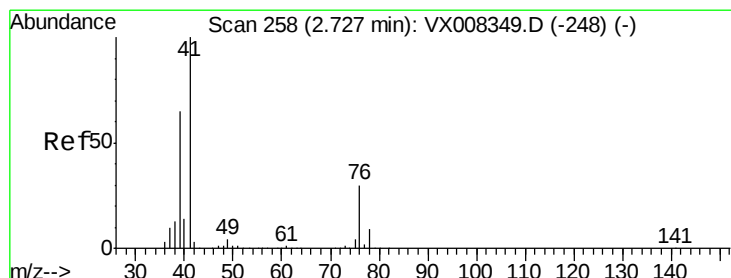
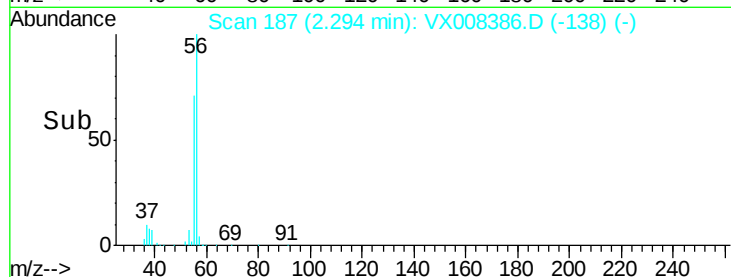
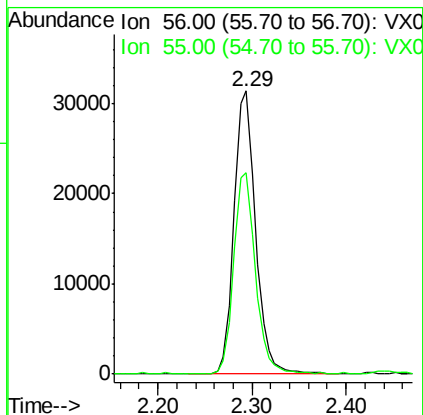
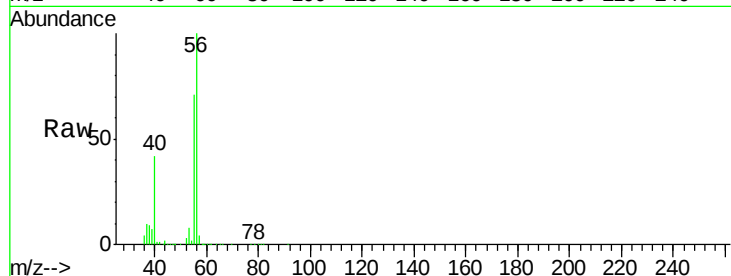
55 71.6 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.075 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

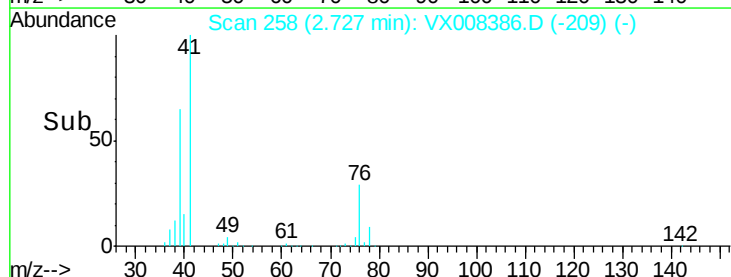
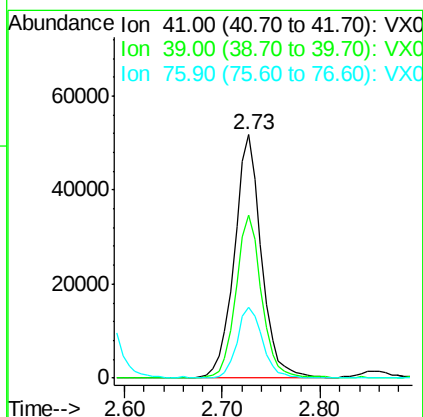
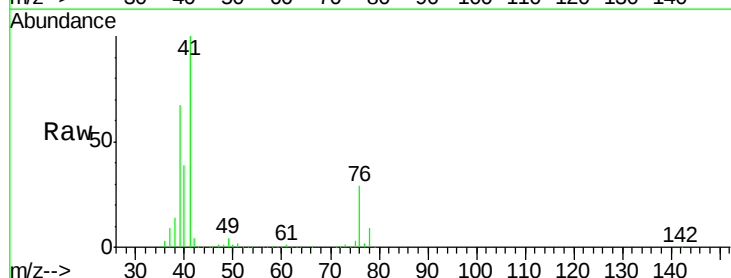
Tgt Ion: 41 Resp: 98547

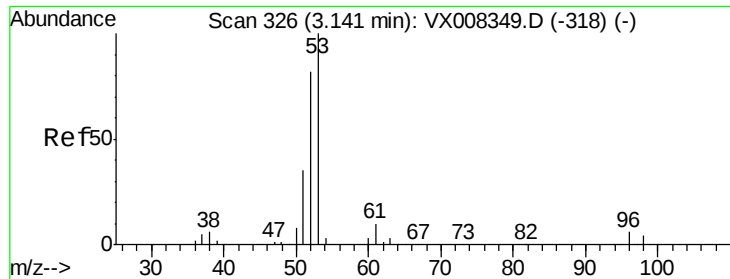
Ion Ratio Lower Upper

41 100

39 63.3 46.1 69.1

76 27.9 24.0 36.0





#15

Acrylonitrile

Concen: 97.827 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

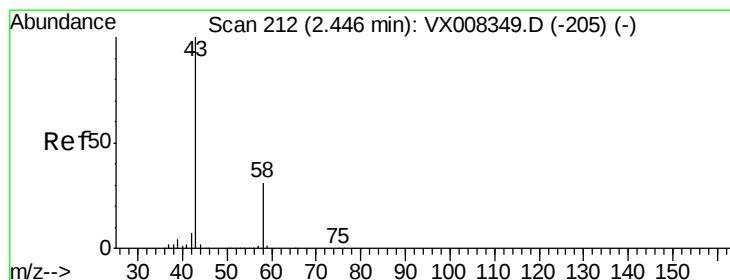
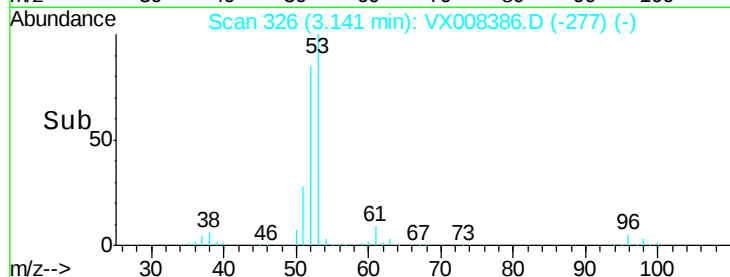
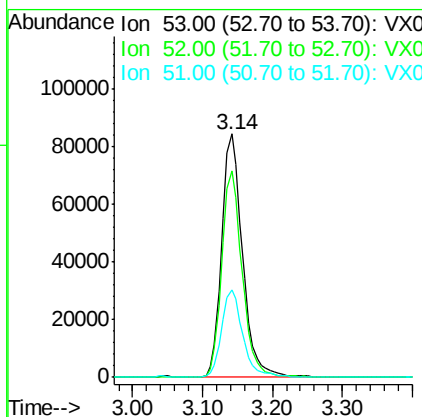
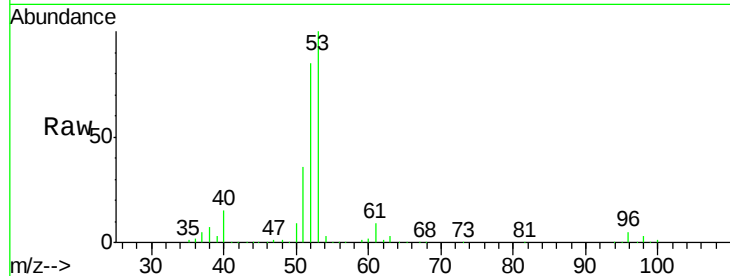
ClientSampleId :

VX0324WBSD01

Tot Ion:	53	Resp:	174500
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.0	99.0
51	36.6	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 102.772 ug/l

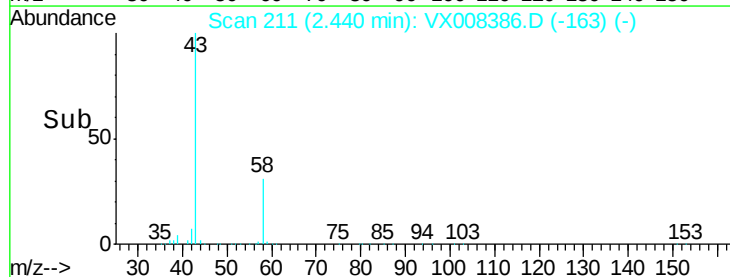
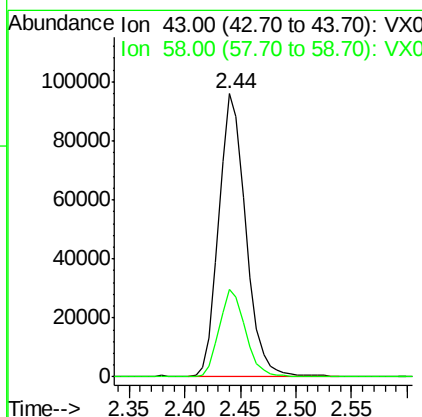
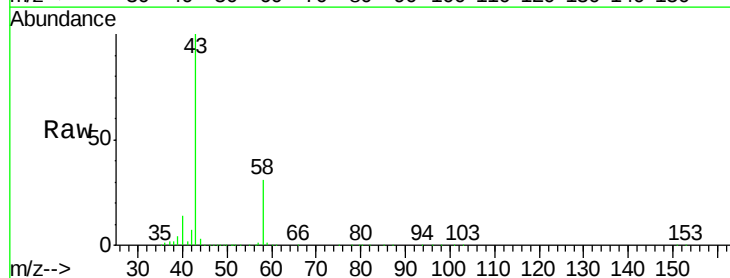
RT: 2.44 min Scan# 211

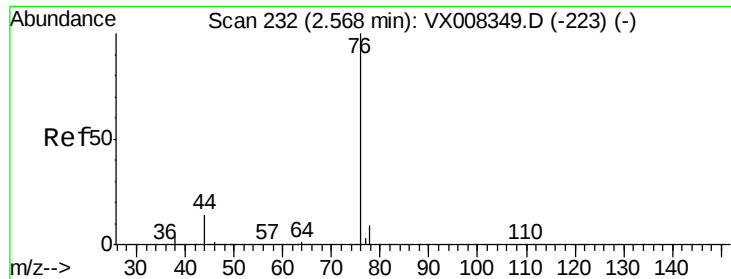
Delta R.T. -0.01 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Tgt Ion:	43	Resp:	160643
Ion Ratio	Lower	Upper	
43	100		
58	30.7	25.5	38.3





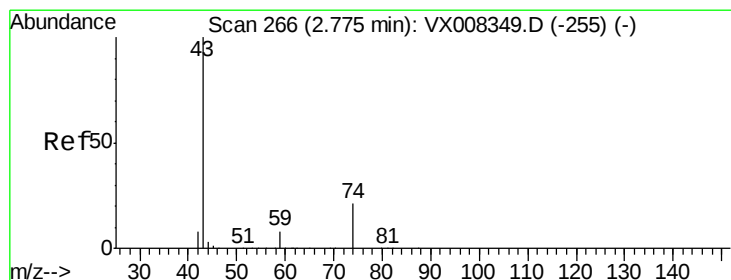
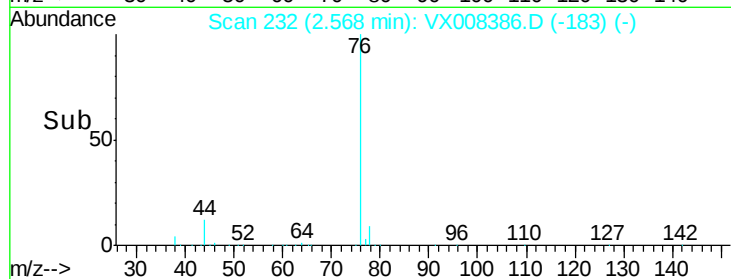
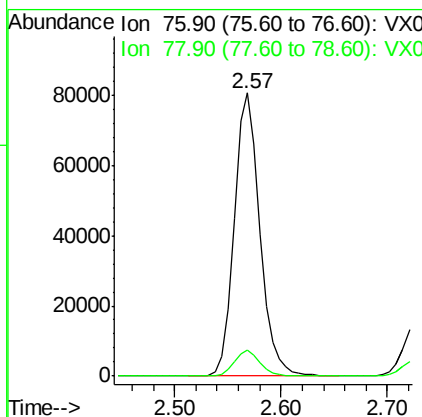
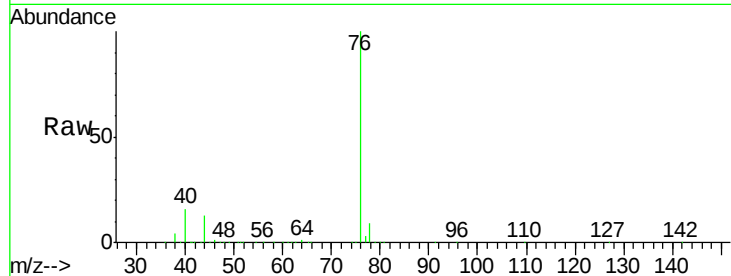
#17
Carbon Disulfide
Concen: 18.228 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

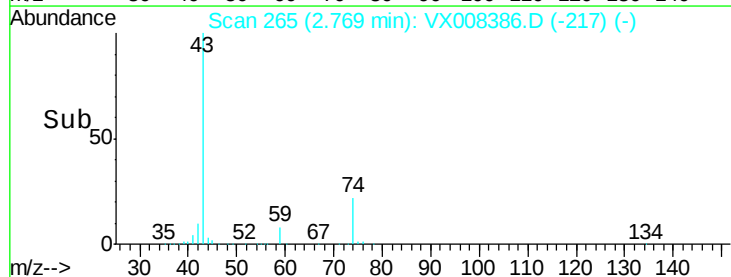
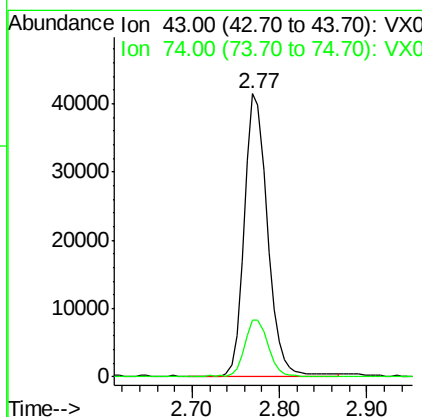
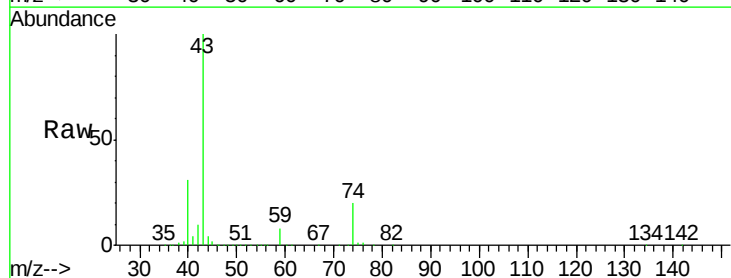
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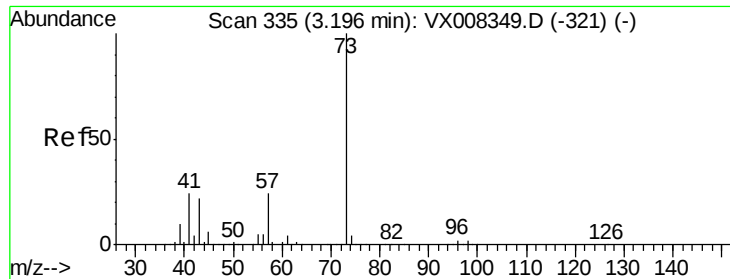
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#18
Methyl Acetate
Concen: 19.477 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.8	26.6





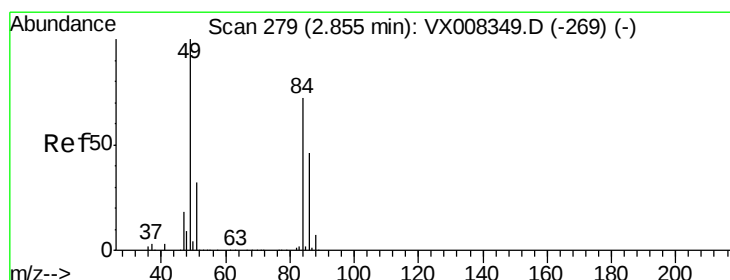
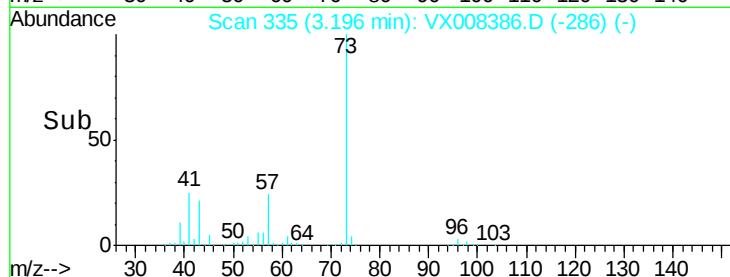
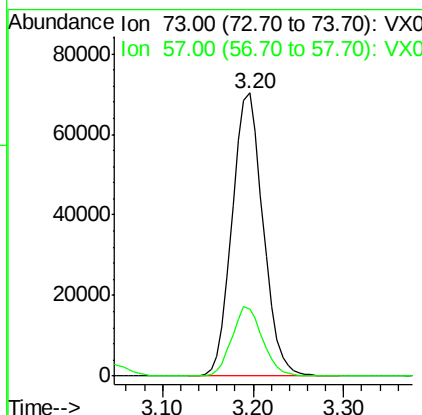
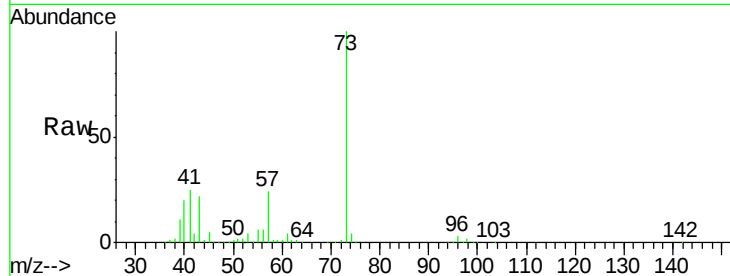
#19
Methvl tert-butvl Ether
Concen: 19.870 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.2	27.4

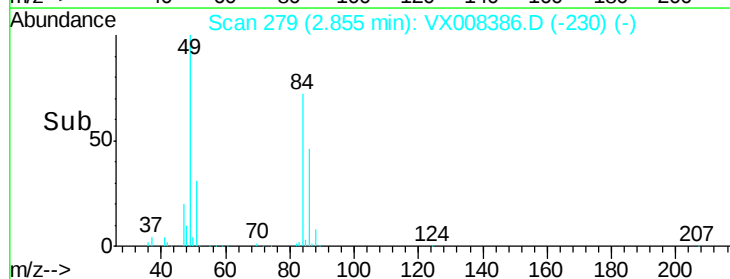
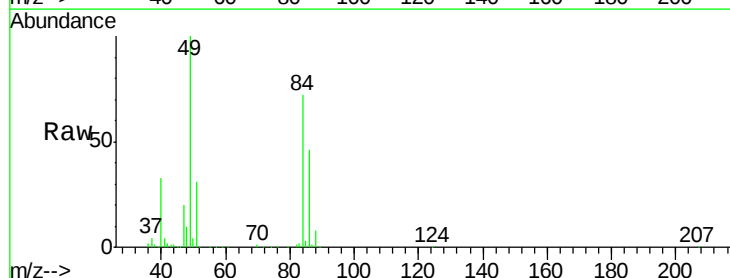
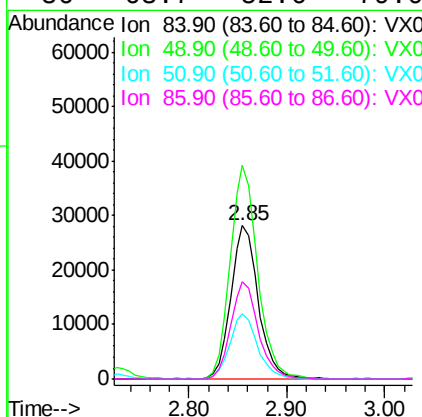
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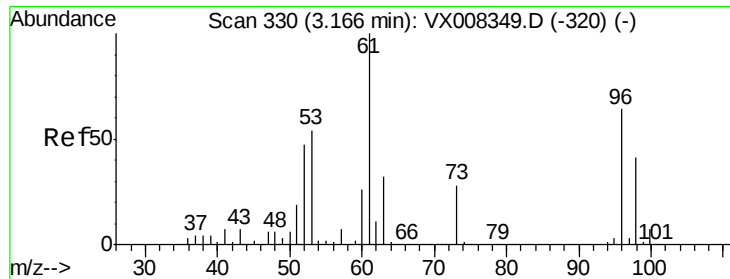
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#20
Methylene Chloride
Concen: 19.437 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	139.1	99.3	148.9
51	42.7	31.3	46.9
86	63.7	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 19.149 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampleID :

VX0324WBSD01

Tot Ion: 96 Resp: 48422

Ion Ratio Lower Upper

96 100

61 157.4 114.4 171.6

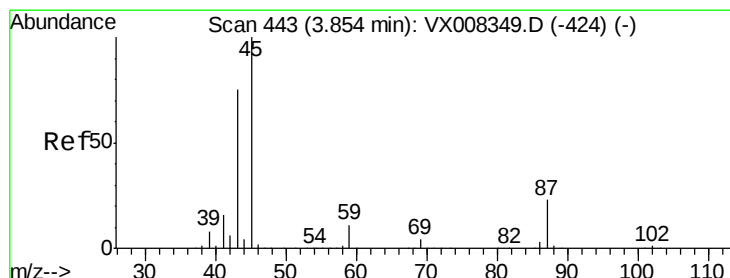
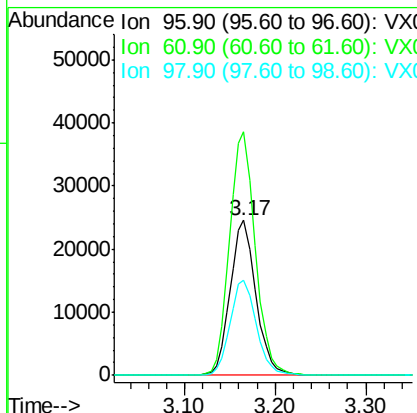
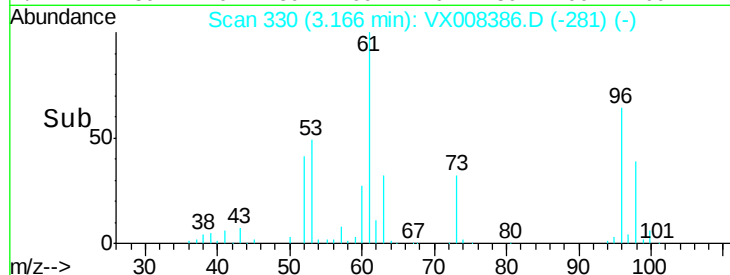
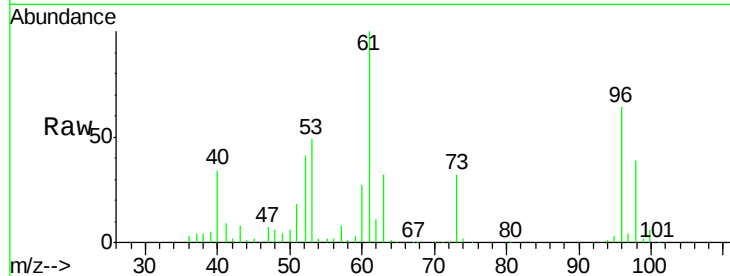
98 61.6 51.1 76.7

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#22

Diisopropyl ether

Concen: 20.129 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Tgt Ion: 45 Resp: 202477

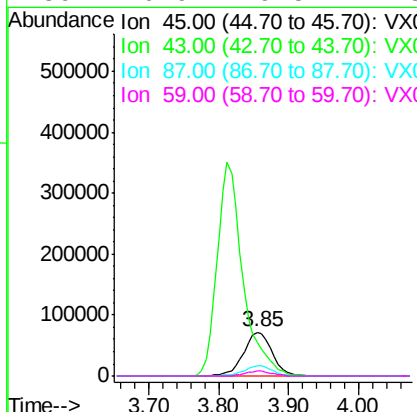
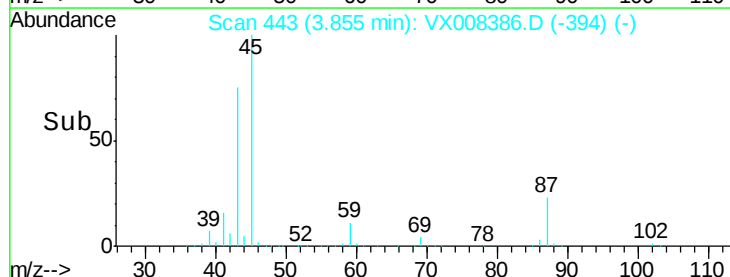
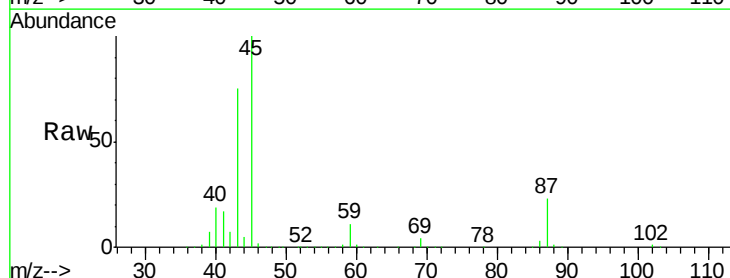
Ion Ratio Lower Upper

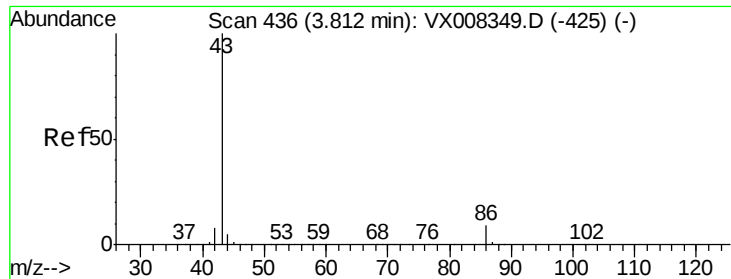
45 100

43 74.7 45.3 67.9#

87 22.6 21.4 32.0

59 10.9 9.5 14.3





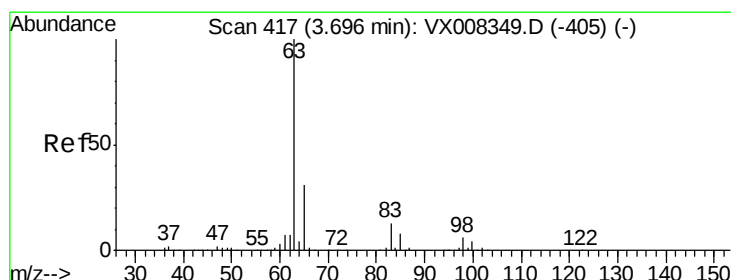
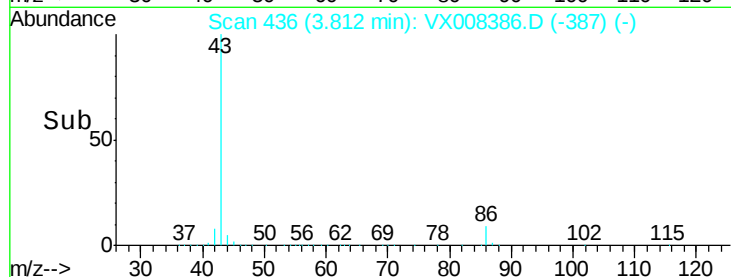
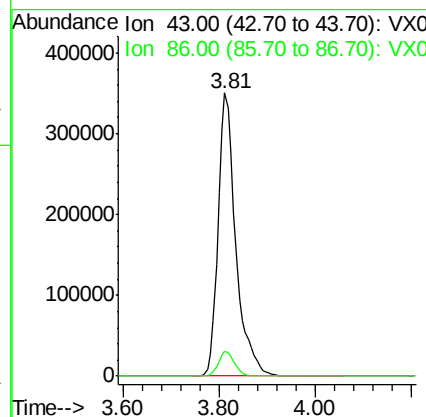
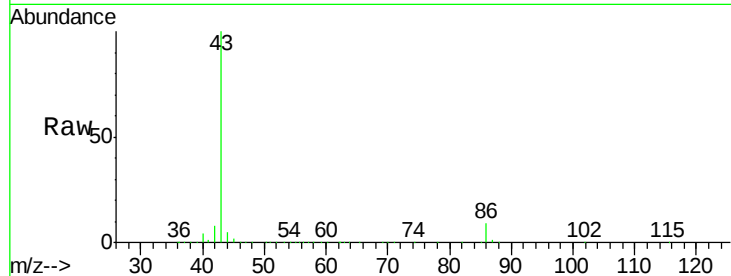
#23
 Vinyl Acetate
 Concen: 101.184 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01

Tot Ion	43	Resp	898631
Ion Ratio	100	Lower	Upper
43	100		
86	8.6	7.9	11.9

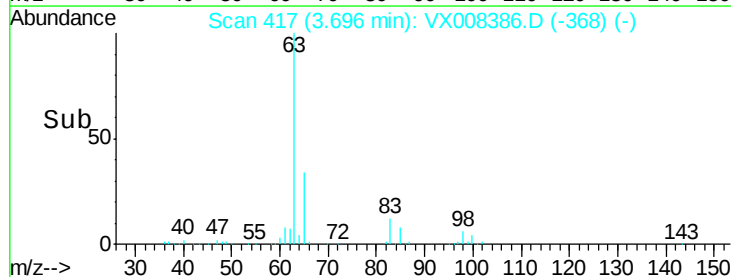
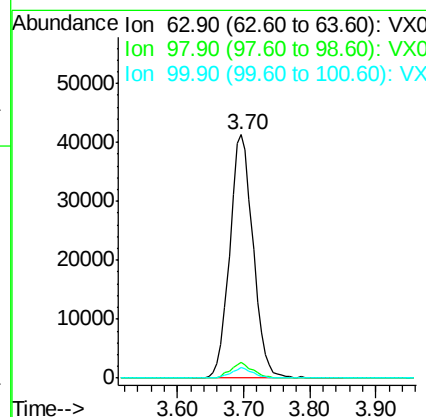
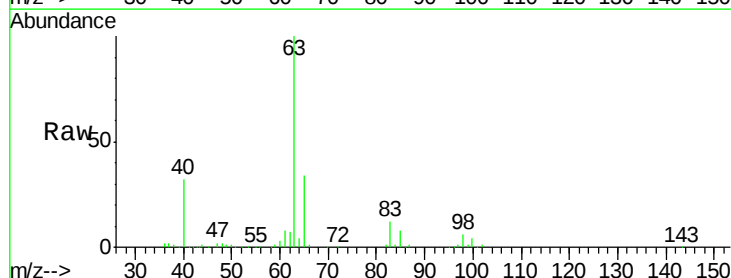
Manual Integrations
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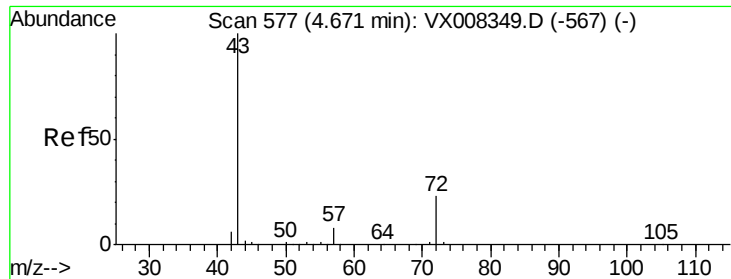
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#24
 1,1-Dichloroethane
 Concen: 19.704 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Tgt Ion	63	Resp	101051
Ion Ratio	100	Lower	Upper
63	100		
98	6.2	3.3	9.8
100	4.4	2.3	6.8





#25

2-Butanone

Concen: 100.277 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampled :

VX0324WBSD01

Tot Ion: 43 Resp: 258095

Ion Ratio Lower Upper

43 100

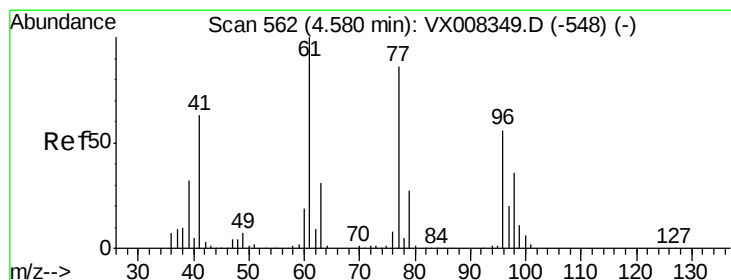
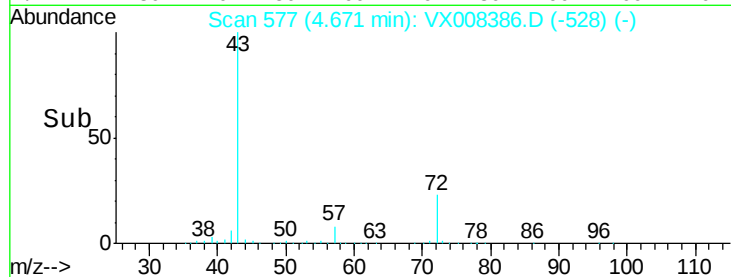
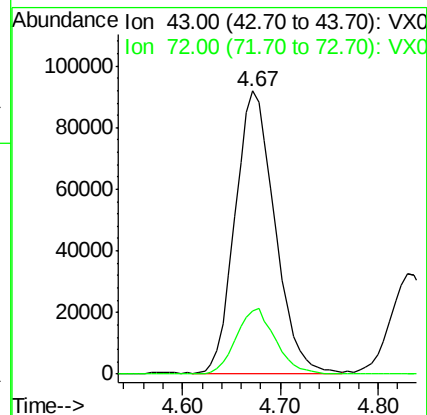
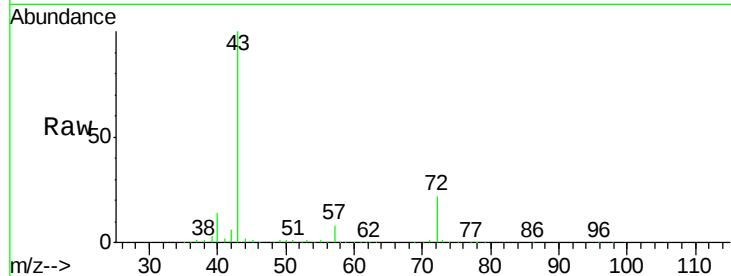
72 22.4 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.946 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX008386.D

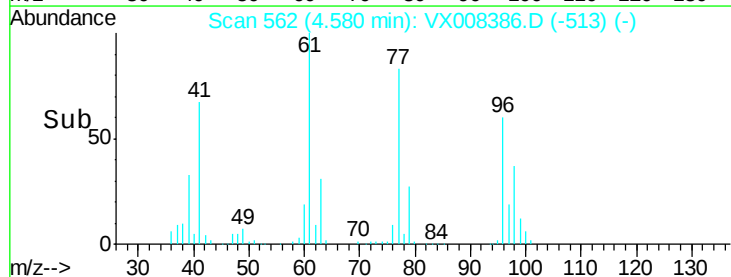
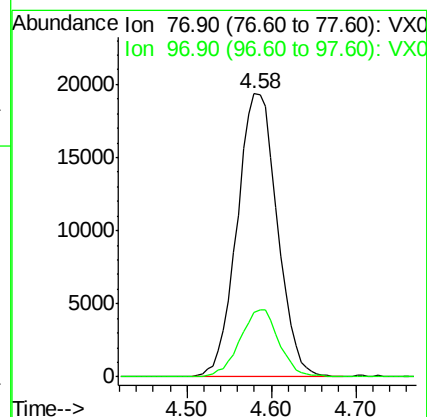
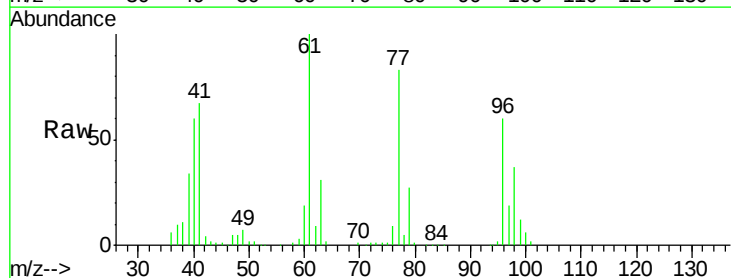
Acq: 24 Mar 2019 12:59

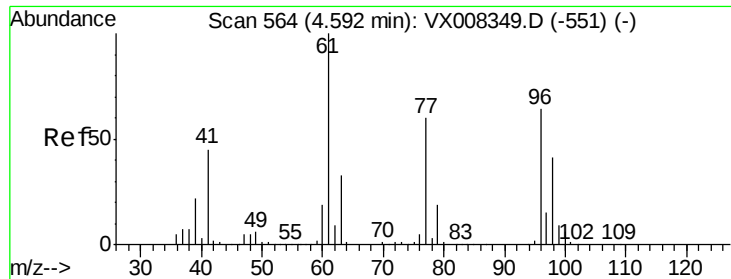
Tgt Ion: 77 Resp: 62601

Ion Ratio Lower Upper

77 100

97 23.1 12.2 36.6





#27

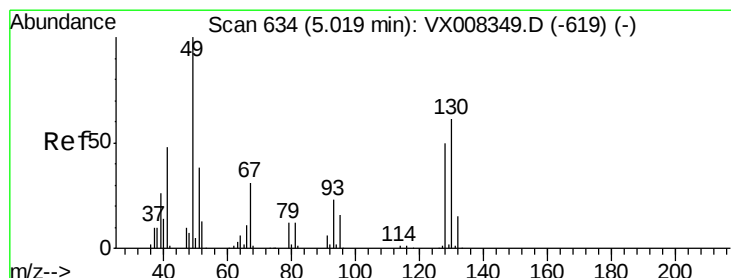
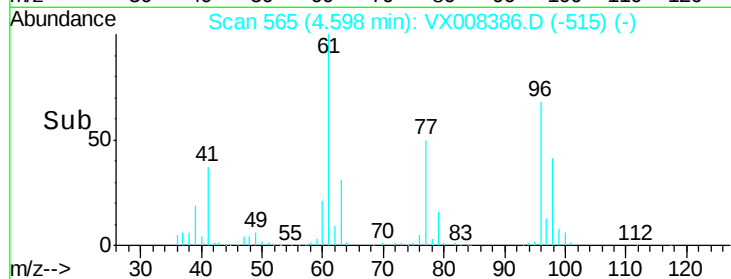
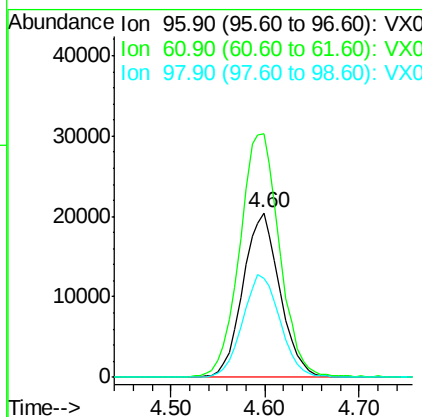
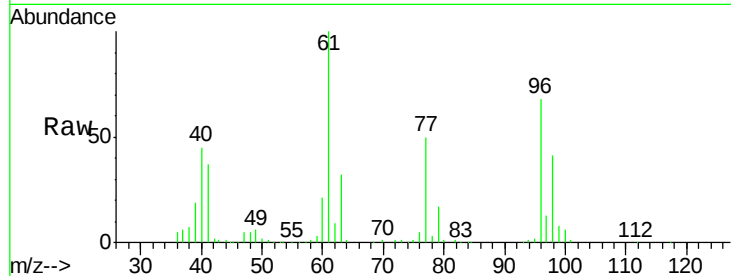
cis-1,2-Dichloroethene
Concen: 19.398 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.6	0.0	288.0
98	63.7	0.0	129.0

Manual Integrations
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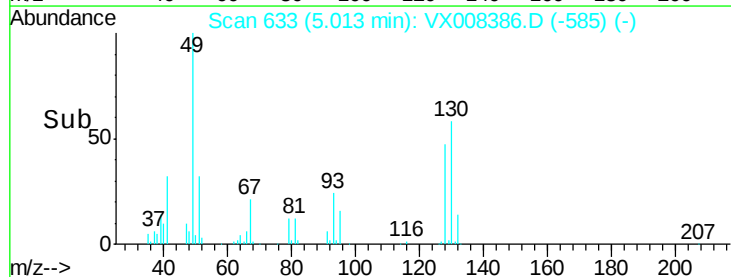
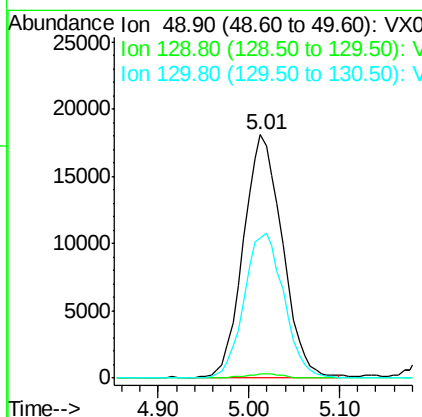
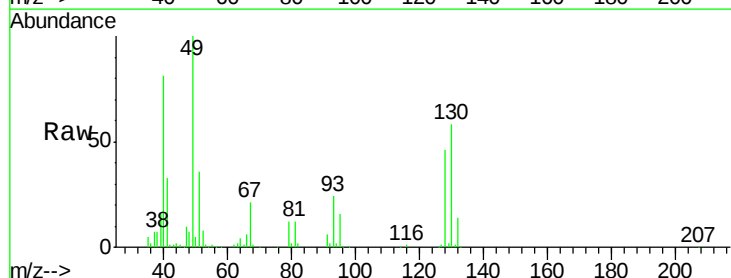
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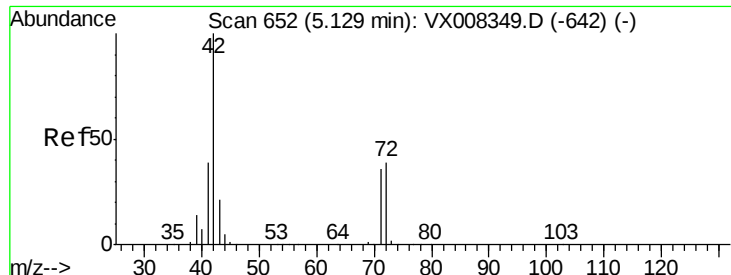


#28

Bromochloromethane
Concen: 21.120 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	60.5	65.0	97.4#





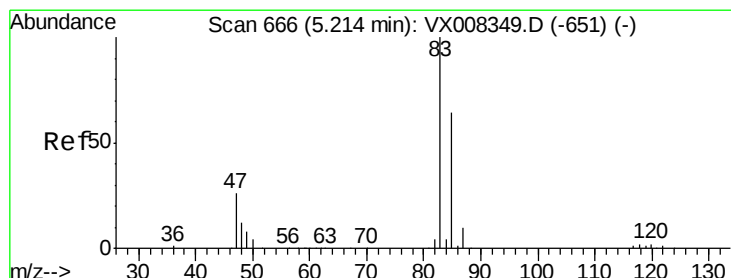
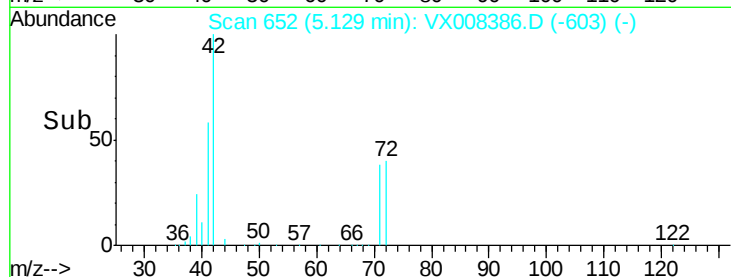
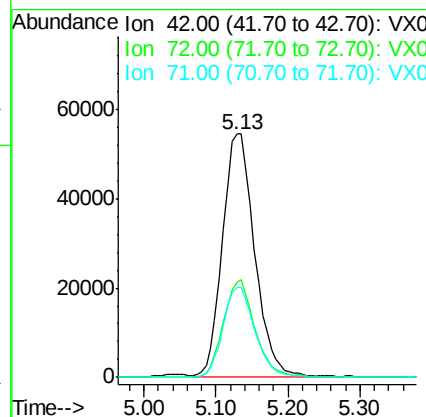
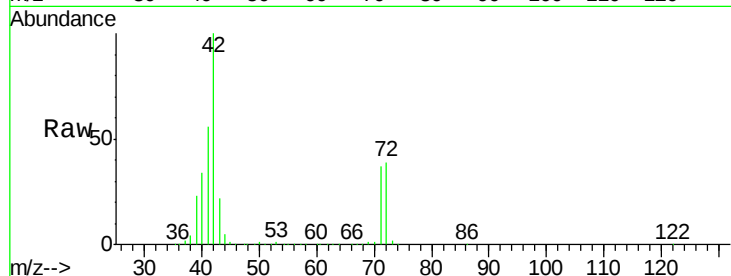
#29
Tetrahydrofuran
Concen: 98.735 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	33.8	50.6
71	37.1	31.5	47.3

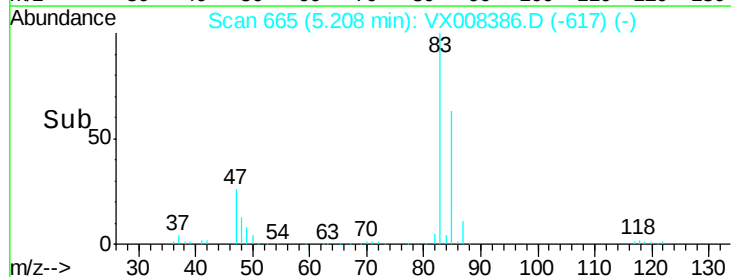
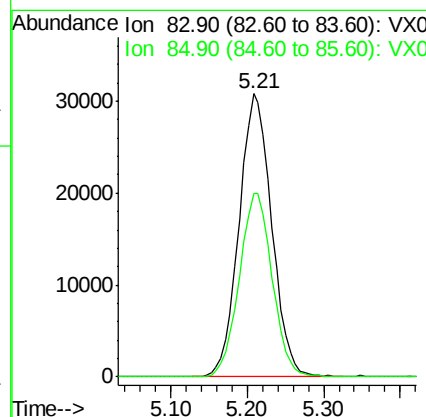
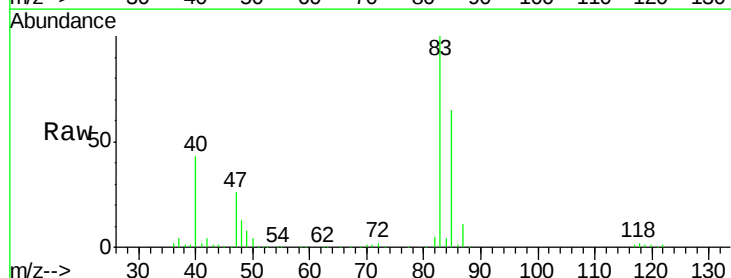
Manual Integrations
APPROVED

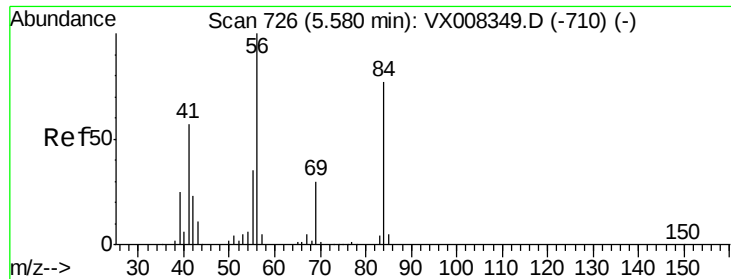
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#30
Chloroform
Concen: 19.702 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.6





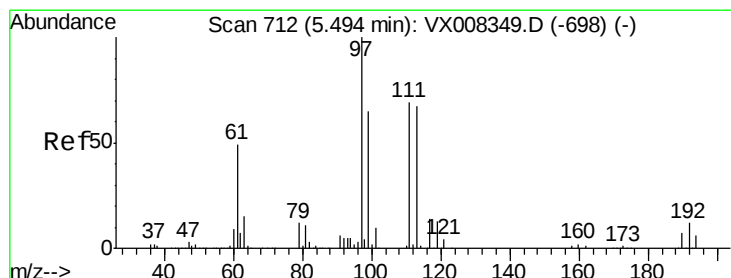
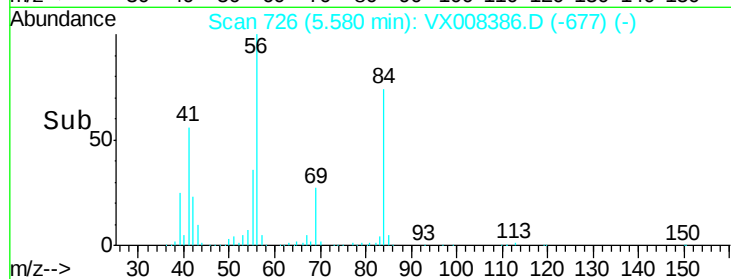
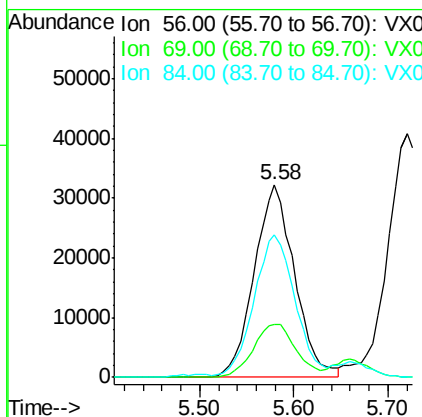
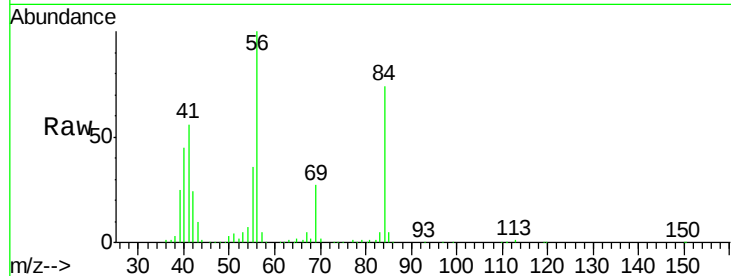
#31
Cyclohexane
Concen: 19.702 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.3	24.0	36.0
84	73.1	65.3	97.9

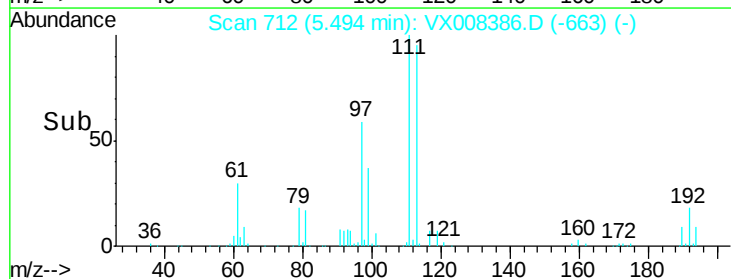
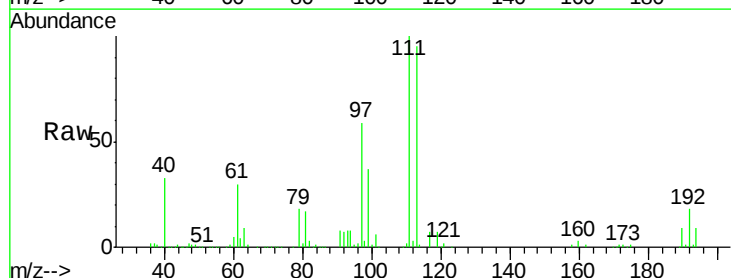
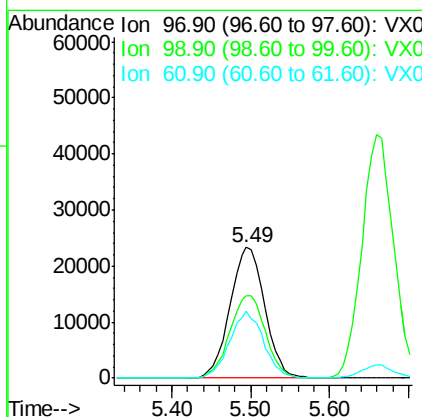
Manual Integrations
APPROVED

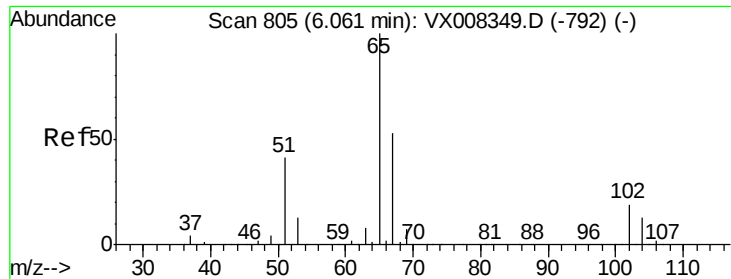
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#32
1,1,1-Trichloroethane
Concen: 19.575 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.2	78.2
61	50.0	34.9	52.3





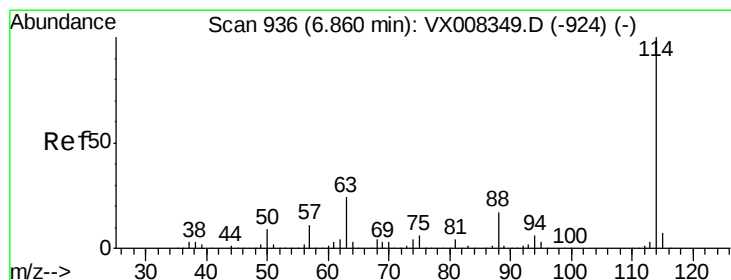
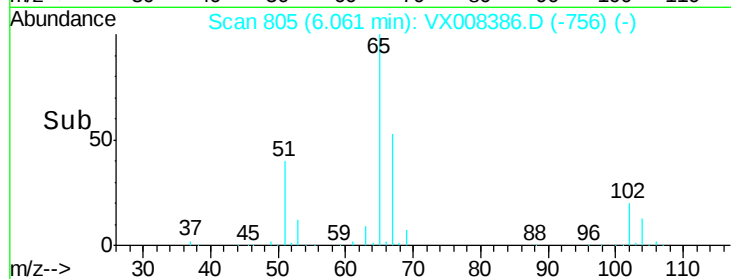
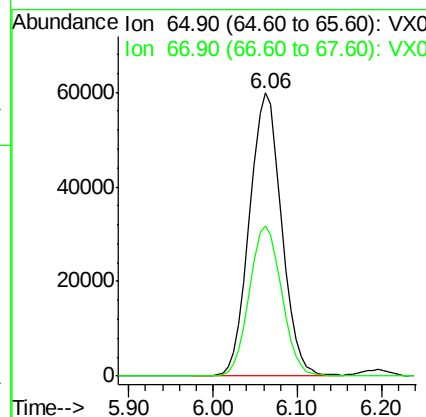
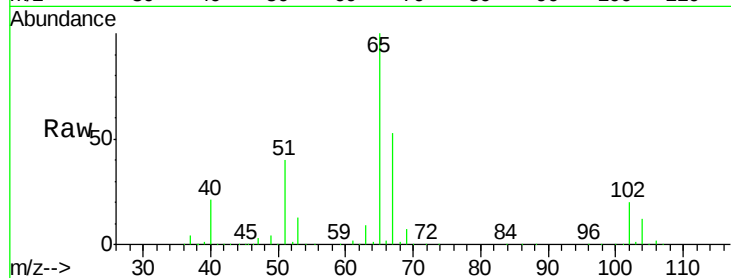
#33
 1,2-Dichloroethane-d4
 Concen: 49.527 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	110.0

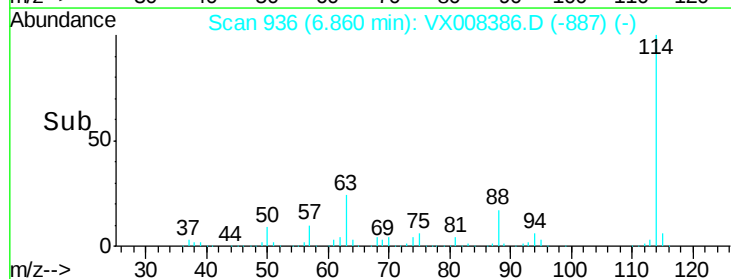
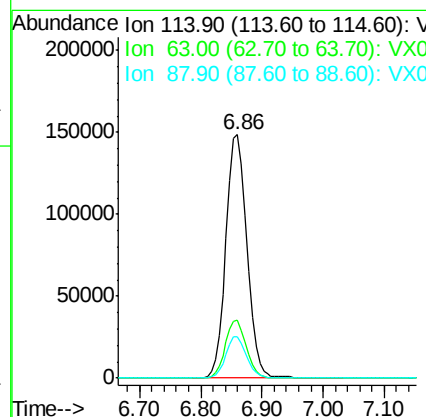
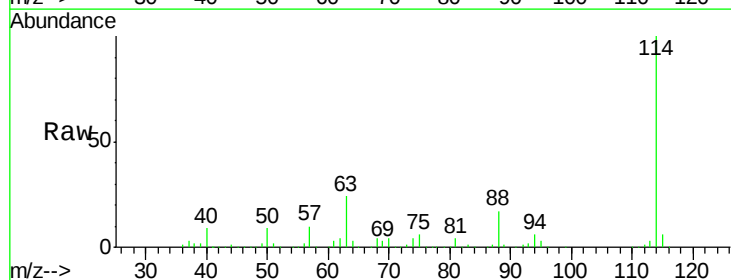
Manual Integrations
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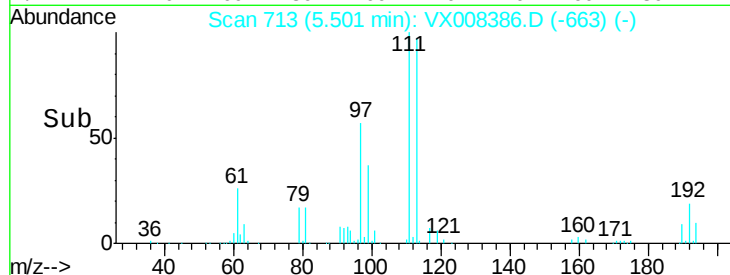
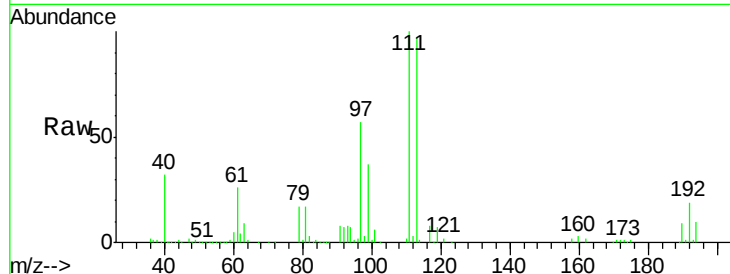
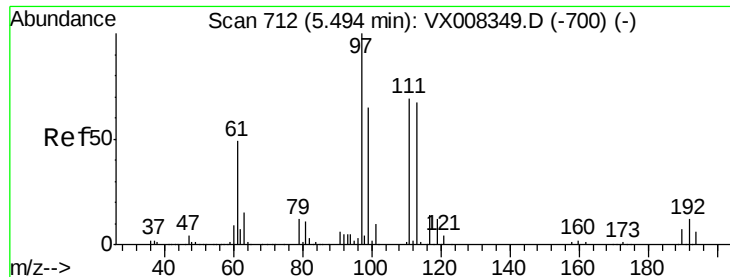
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	39.8
88	16.8	0.0	31.4





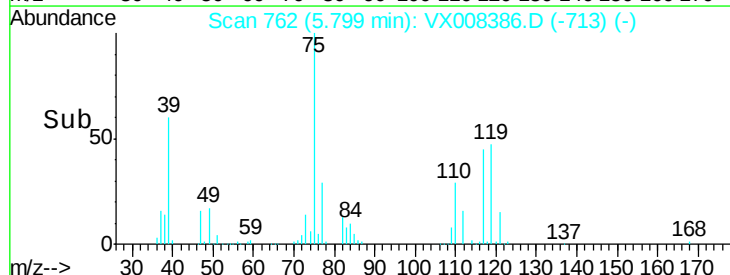
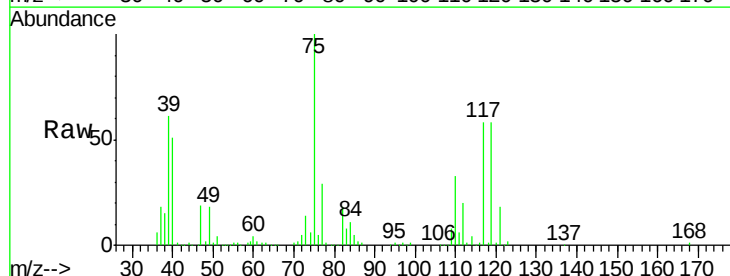
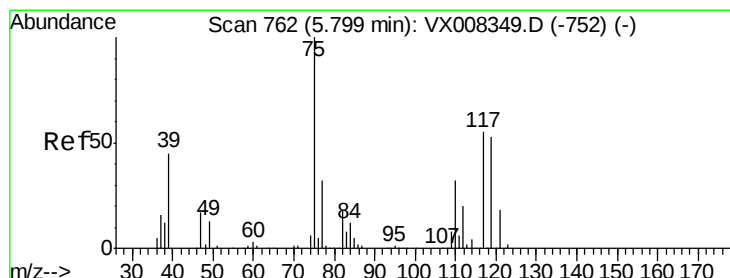
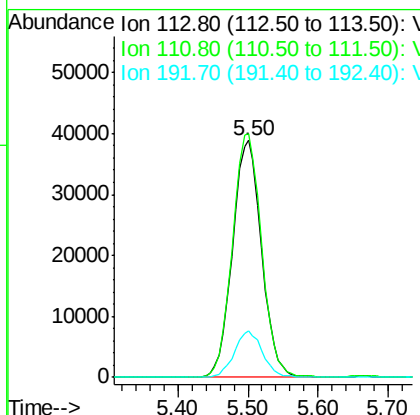
#35
Dibromofluoromethane
Concen: 48.532 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.3	81.4	122.0	
192	19.1	19.4	29.0	

Instrument :
MSVOA_X
ClientSampleID :
VX0324WBSD01

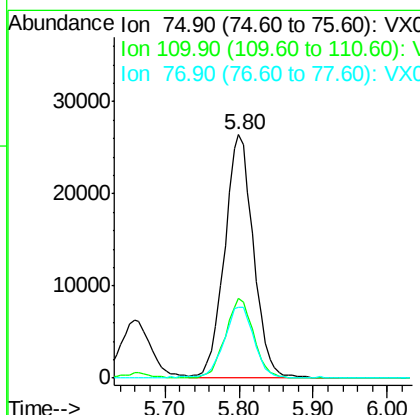
Manual Integrations
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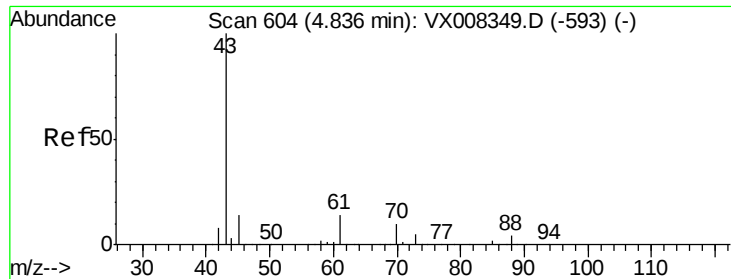
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#36
1,1-Dichloropropene
Concen: 19.471 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.5	18.4	55.0	
77	30.3	25.0	37.4	





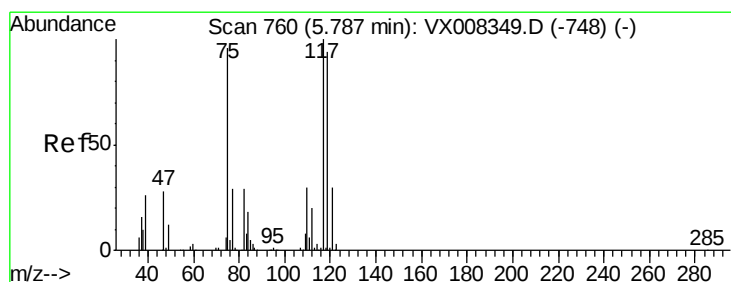
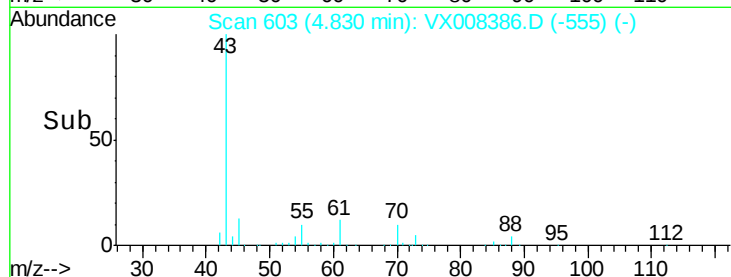
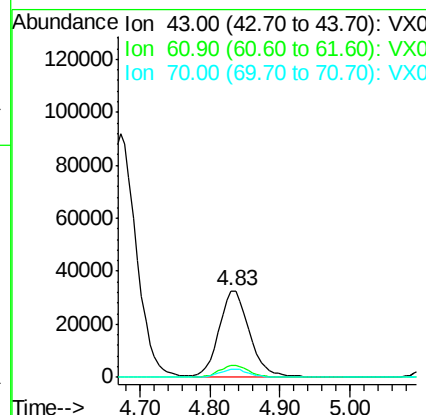
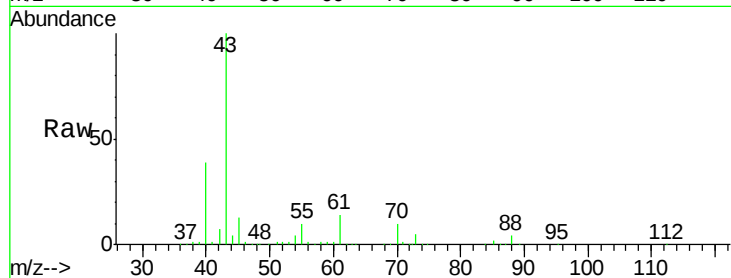
#37
Ethyl Acetate
Concen: 19.865 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion	43	Resp	97779
Ion Ratio	100	Lower	Upper
43	100		
61	13.0	11.3	16.9
70	9.6	8.5	12.7

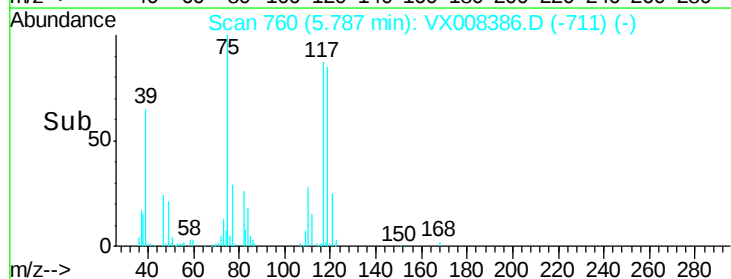
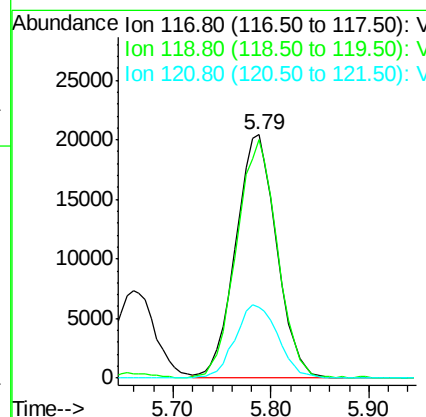
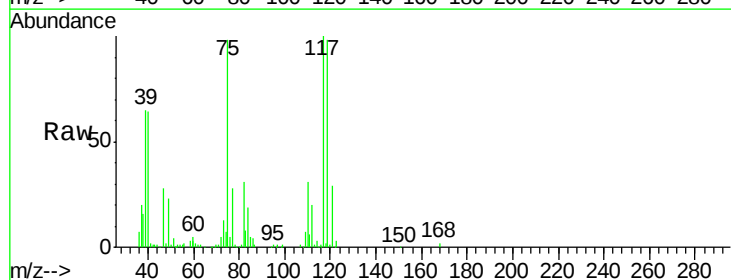
Manual Integrations
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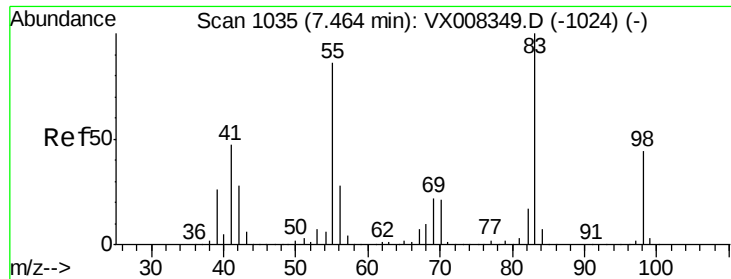
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#38
Carbon Tetrachloride
Concen: 19.021 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion	117	Resp	59299
Ion Ratio	100	Lower	Upper
117	100		
119	97.4	76.2	114.2
121	29.2	24.6	36.8





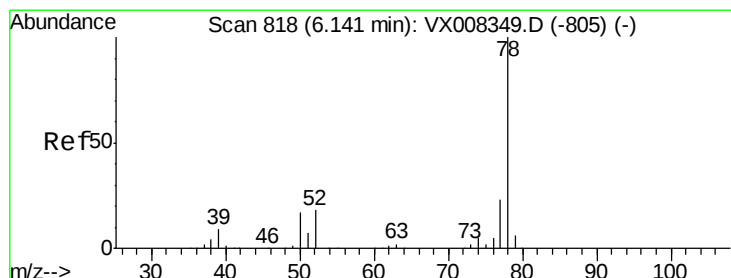
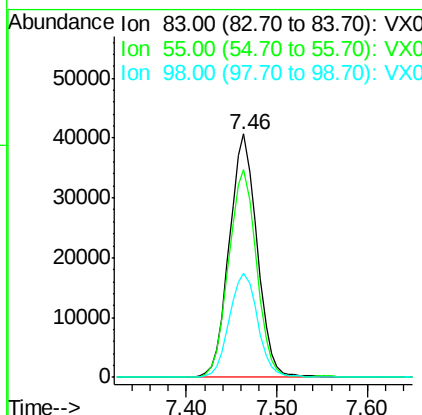
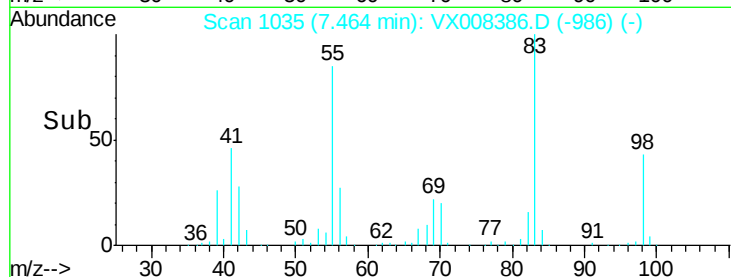
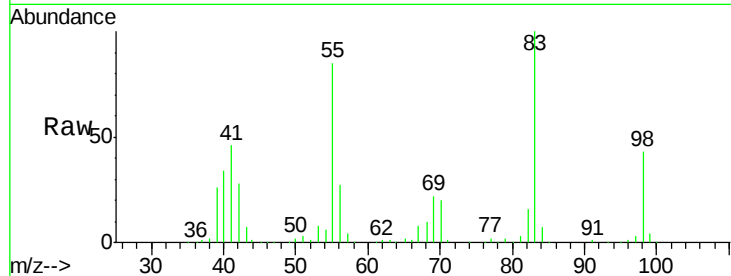
#39
Methvlcvclohexane
Concen: 19.485 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.3	60.4	90.6
98	42.9	36.5	54.7

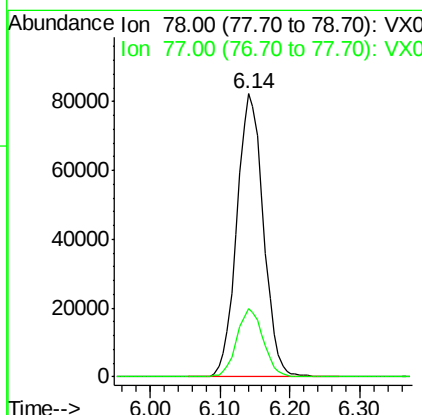
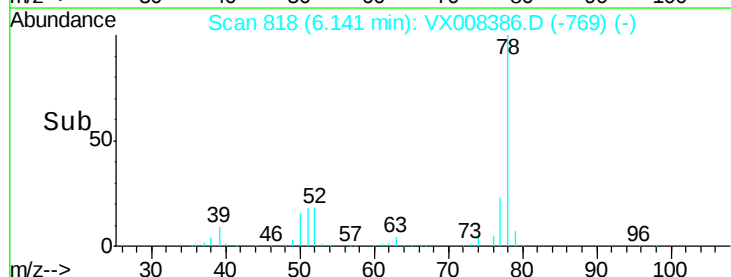
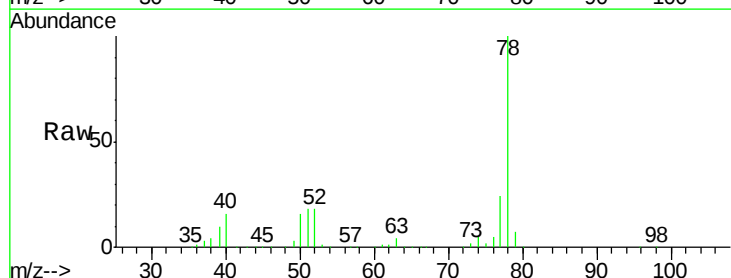
Manual Integrations
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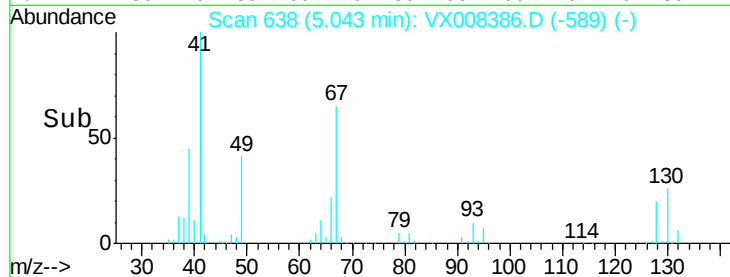
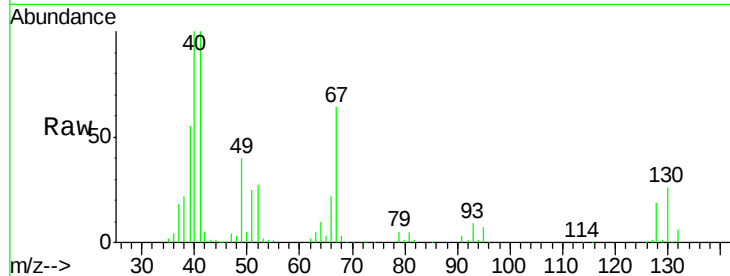
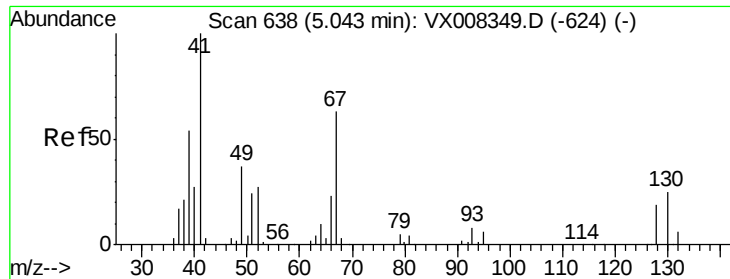
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#40
Benzene
Concen: 19.639 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





#41

Methacrylonitrile

Concen: 20.210 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Tot Ion:	41	Resp:	54221
Ion Ratio	Lower	Upper	
41	100		
39	53.1	41.6	62.4
67	65.4	55.8	83.6
52	26.8	21.7	32.5

Instrument :

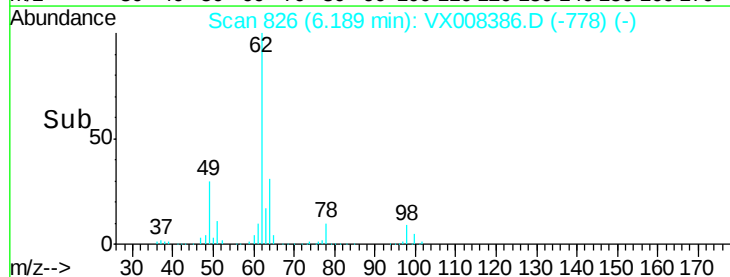
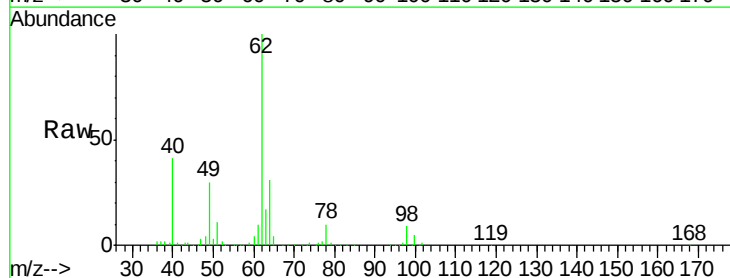
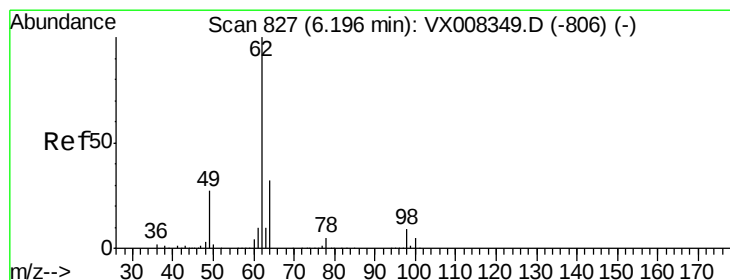
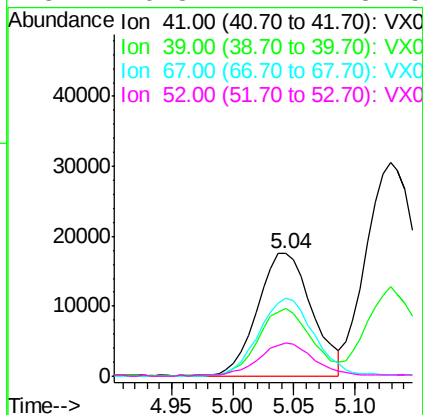
MSVOA_X

ClientSampleId :

VX0324WBSD01

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#42

1,2-Dichloroethane

Concen: 19.755 ug/l

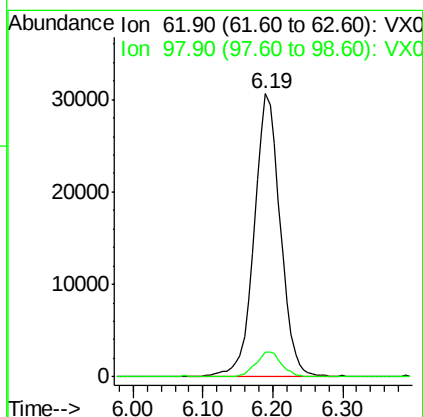
RT: 6.19 min Scan# 826

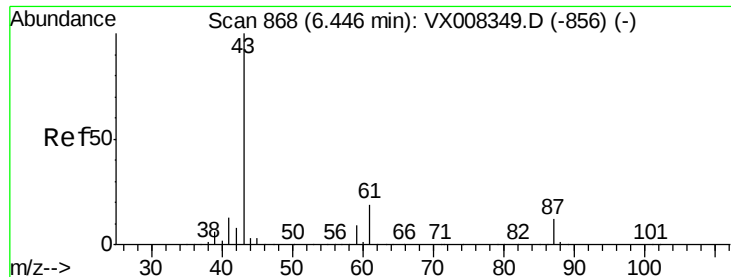
Delta R.T. -0.01 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Tgt Ion:	62	Resp:	79403
Ion Ratio	Lower	Upper	
62	100		
98	8.7	0.0	20.4





#43

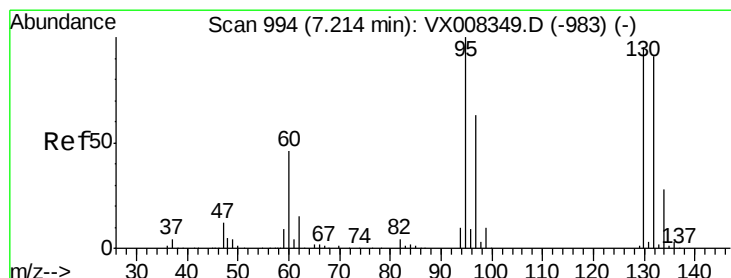
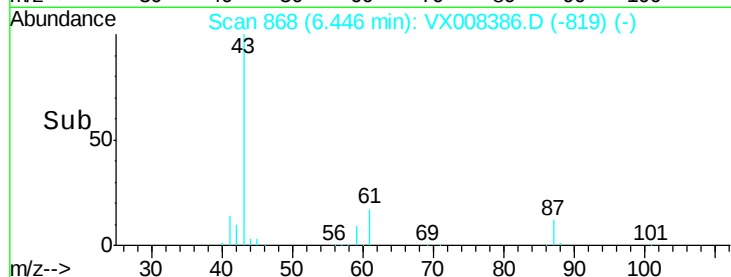
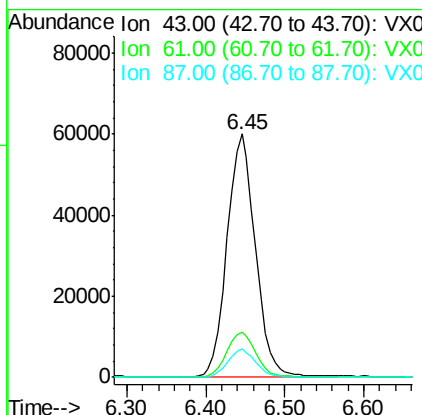
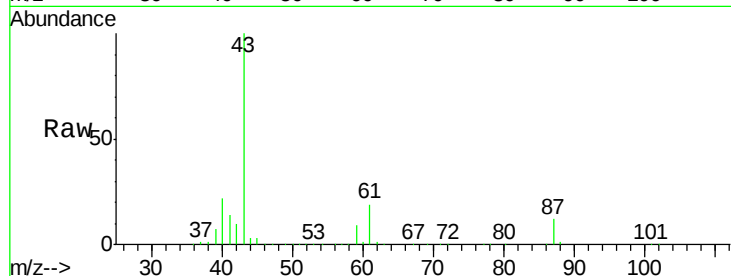
Isopropyl Acetate
 Concen: 19.469 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.3	24.5
87	11.5	10.5	15.7

Manual Integrations
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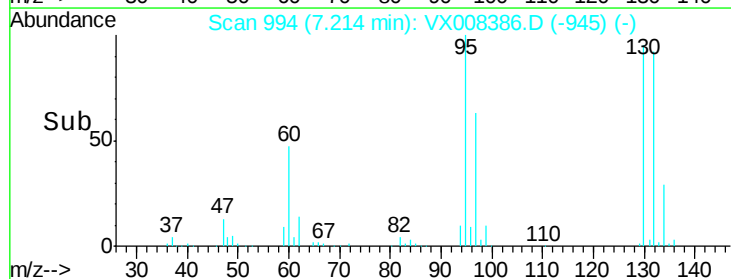
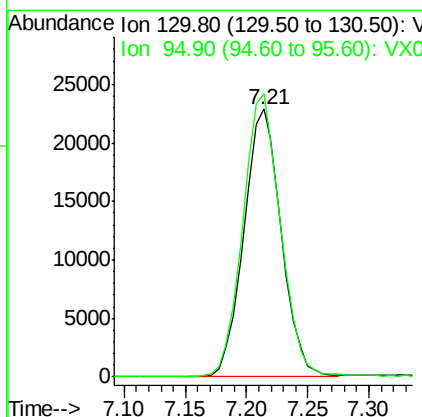
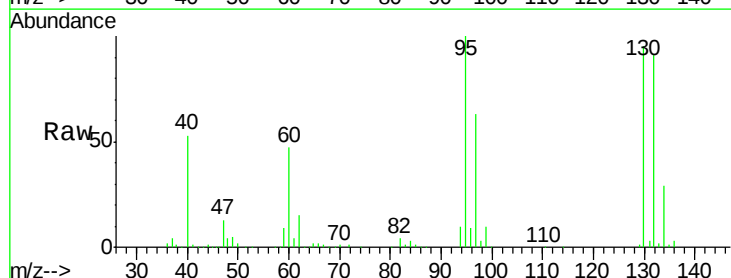
MMDadoda
 3/25/2019 11:24:23 AM

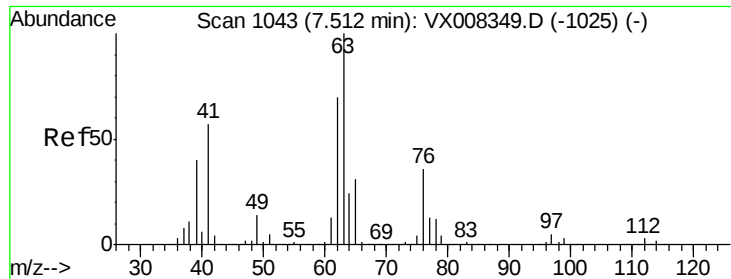


#44

Trichloroethene
 Concen: 18.881 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.8	0.0	188.0





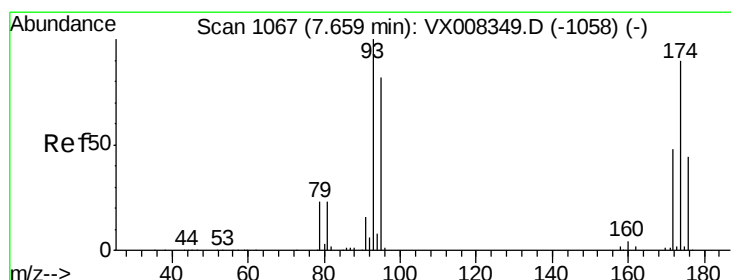
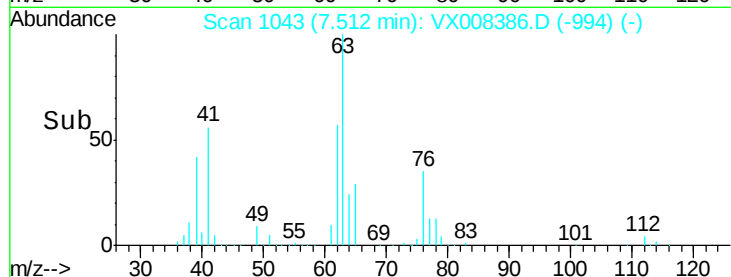
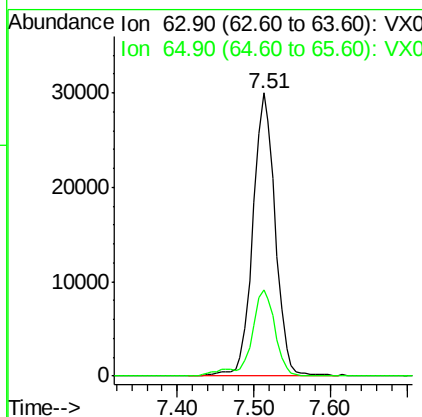
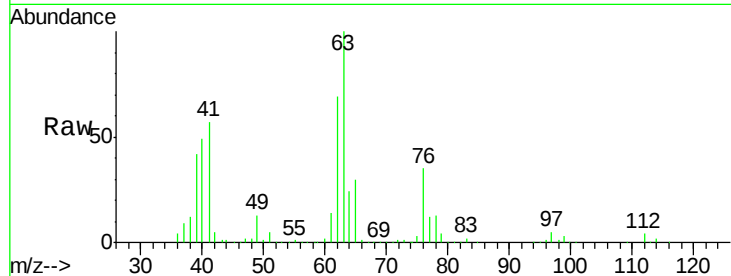
#45
 1,2-Dichloropropane
 Concen: 19.557 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Instrument :
 MSVOA_X
 ClientSampled :
 VX0324WBSD01

Tot Ion: 63 Resp: 61322
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1

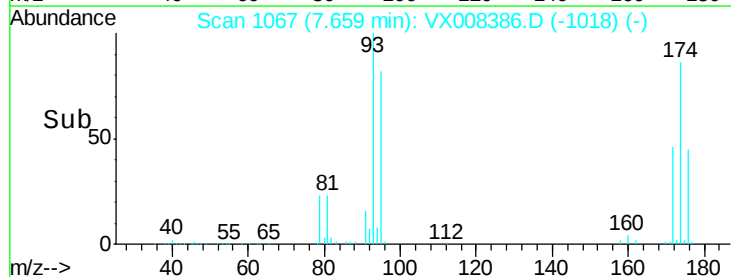
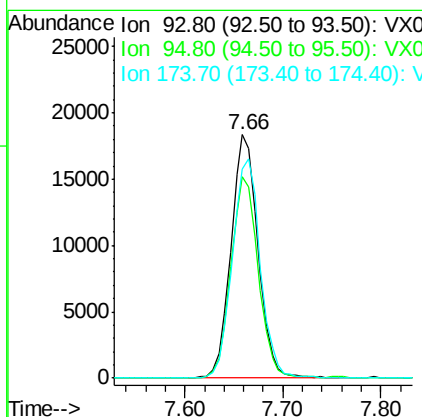
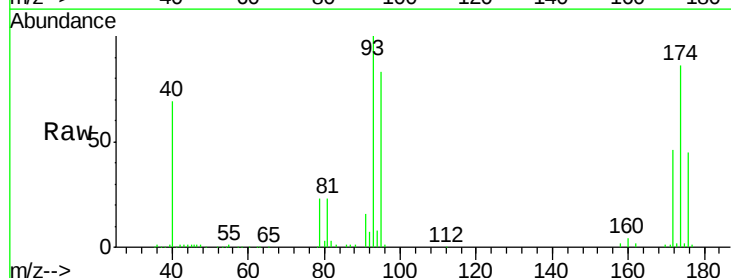
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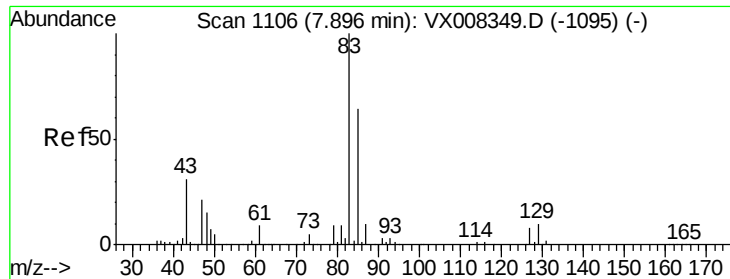
MMDadoda
 3/25/2019 11:24:23 AM



#46
 Dibromomethane
 Concen: 18.926 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Tgt Ion: 93 Resp: 35218
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.8 100.2
 174 93.0 97.3 145.9#





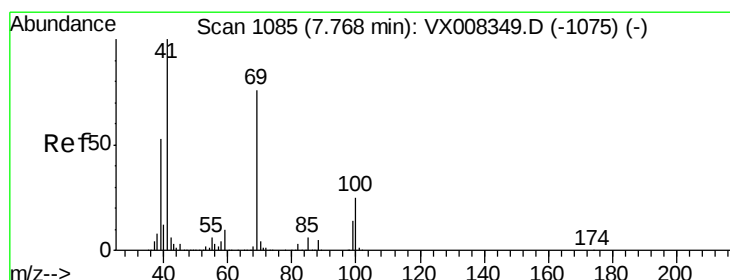
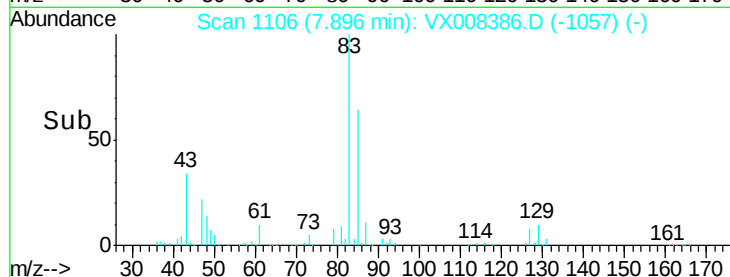
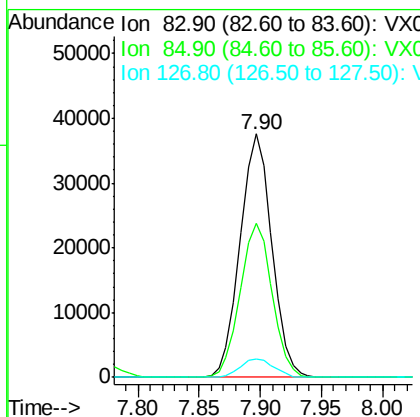
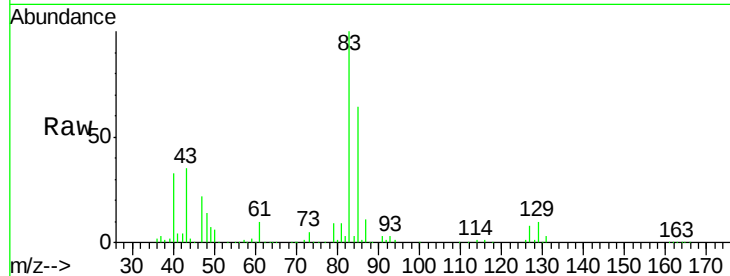
#47
Bromodichloromethane
Concen: 19.157 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion	83	Resp	67995
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	50.9	76.3
127	7.7	7.4	11.0

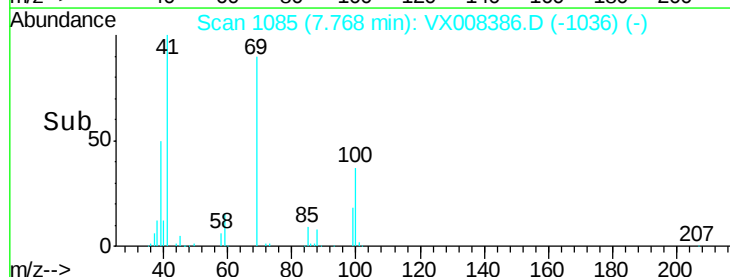
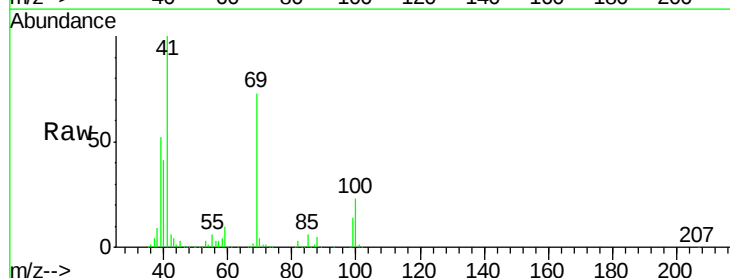
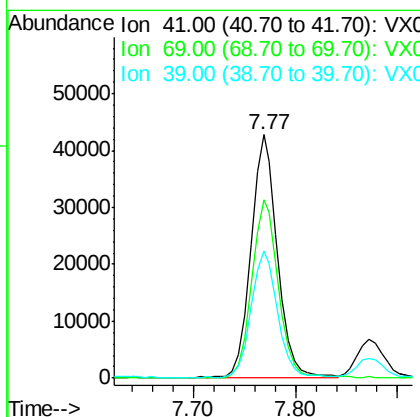
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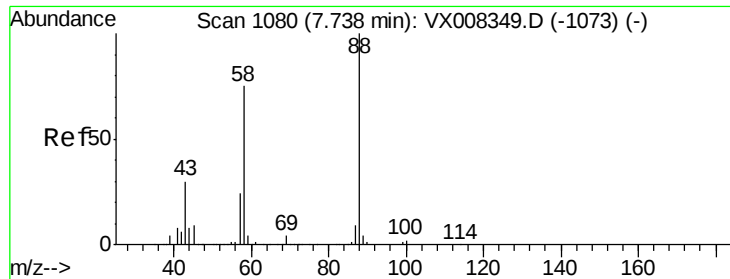
MMDadoda
3/25/2019 11:24:23 AM



#48
Methyl methacrylate
Concen: 19.851 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion	41	Resp	76774
Ion Ratio	100	Lower	Upper
41	100		
69	74.9	65.2	97.8
39	52.8	39.4	59.2





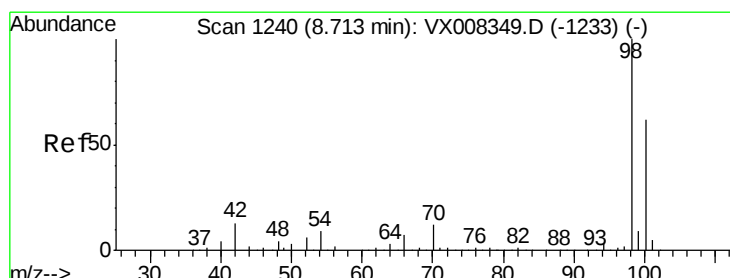
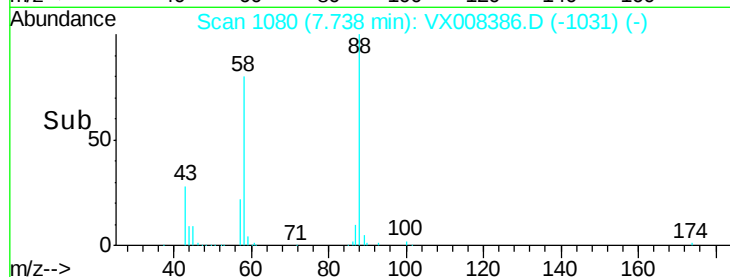
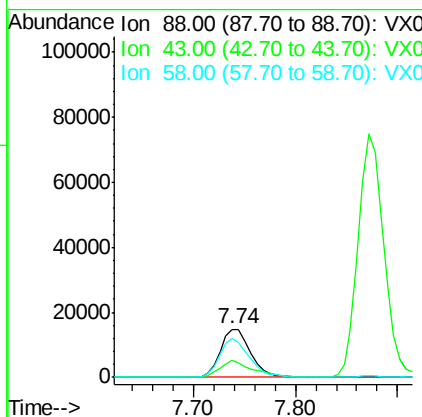
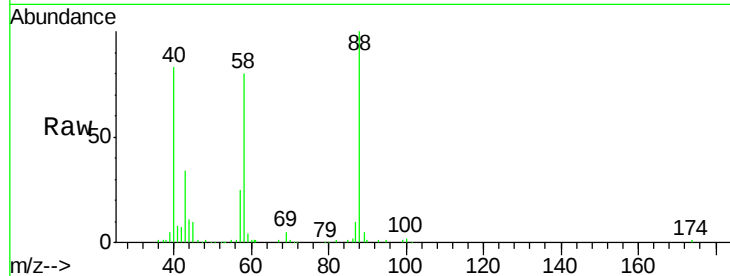
#49
1,4-Dioxane
Concen: 395.316 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	25.1	37.7
58	79.2	57.8	86.6

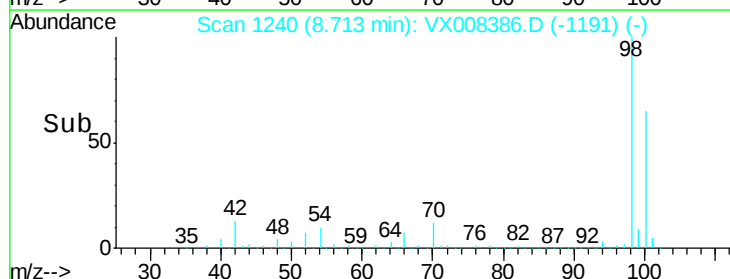
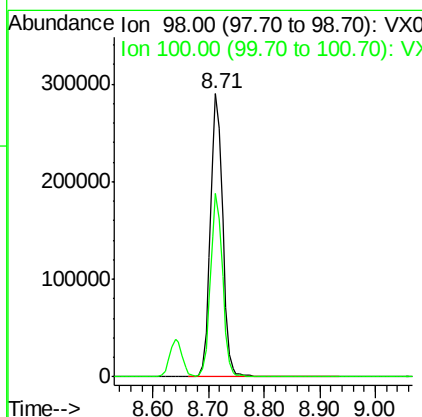
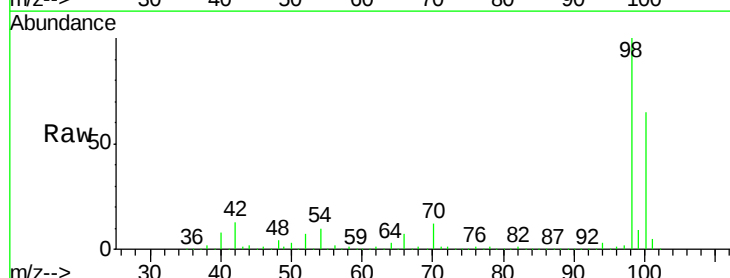
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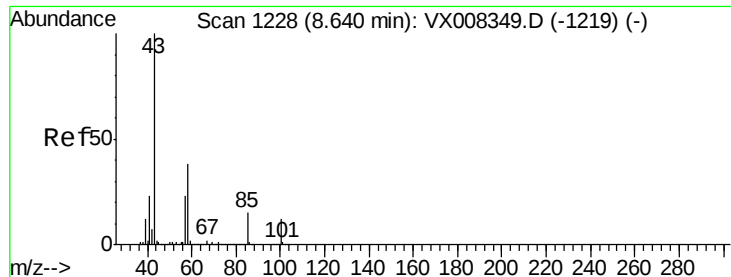
MMDadoda
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#50
Toluene-d8
Concen: 49.616 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 98.718 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tot Ion: 43 Resp: 496436

Ion Ratio Lower Upper

43 100

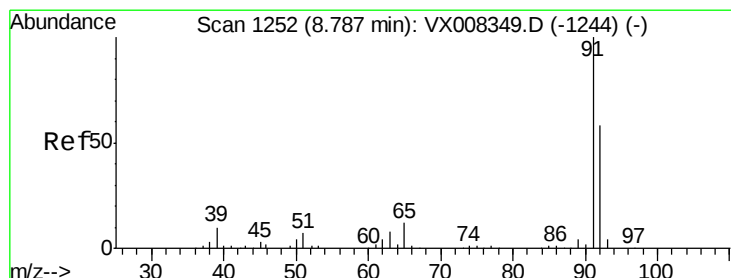
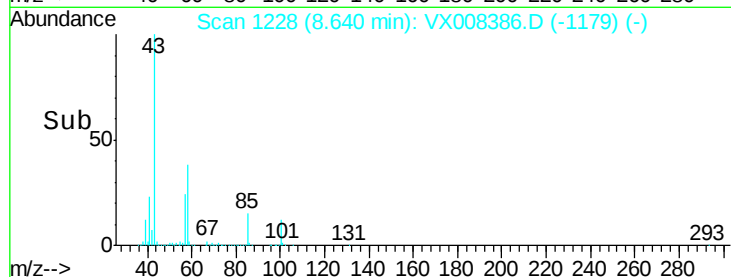
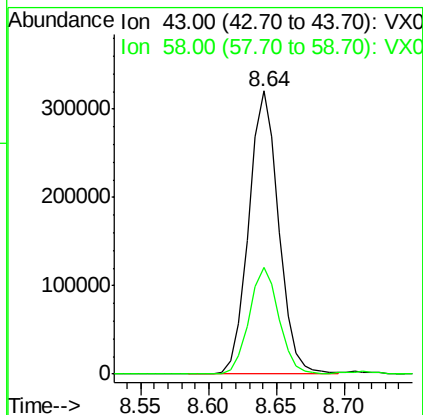
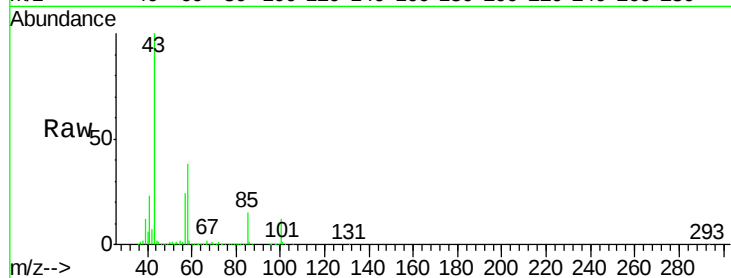
58 37.6 31.3 46.9

Manual Integrations

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#52

Toluene

Concen: 19.800 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008386.D

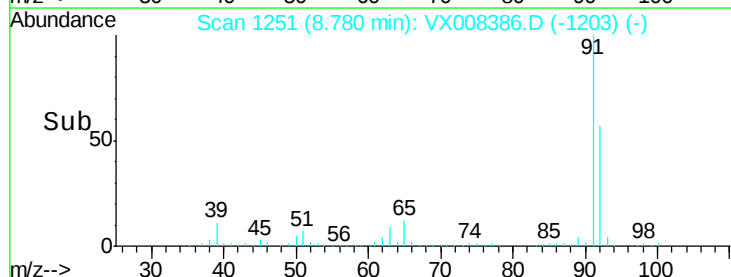
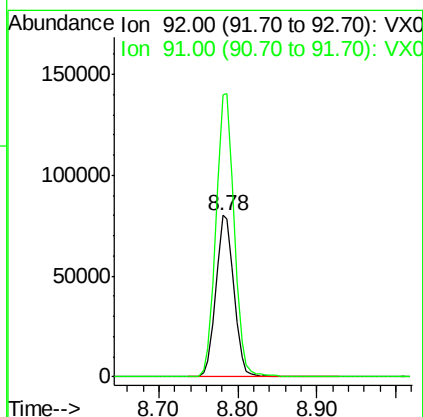
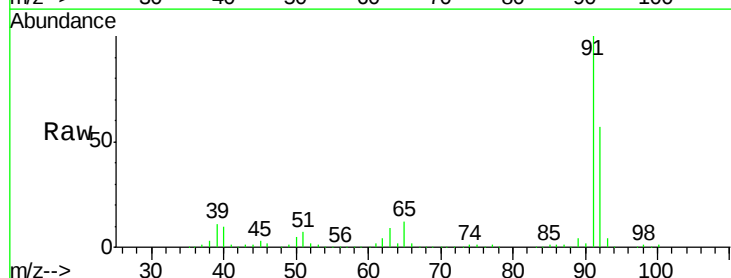
Acq: 24 Mar 2019 12:59

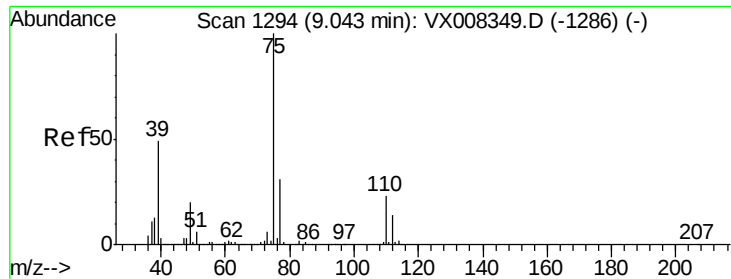
Tgt Ion: 92 Resp: 128589

Ion Ratio Lower Upper

92 100

91 176.3 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 19.125 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tot Ion: 75 Resp: 72983

Ion Ratio Lower Upper

75 100

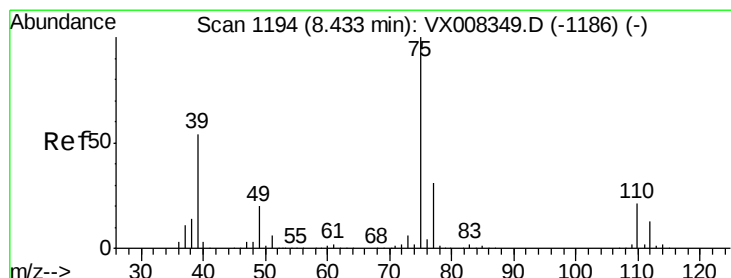
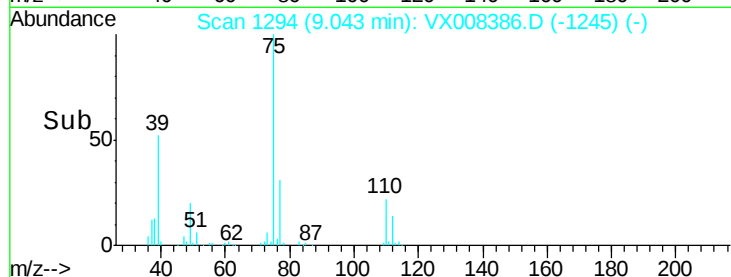
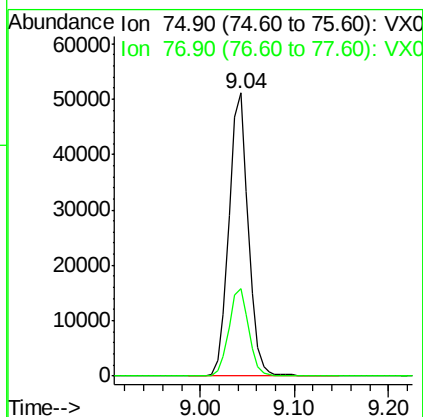
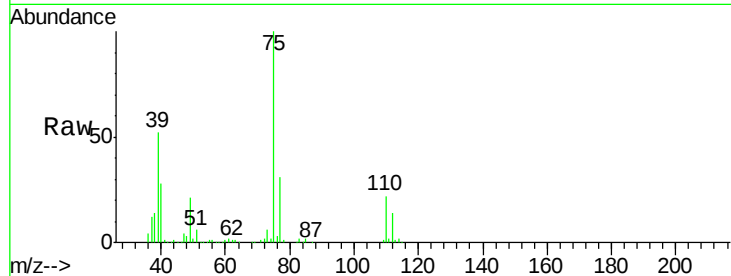
77 30.8 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 19.198 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

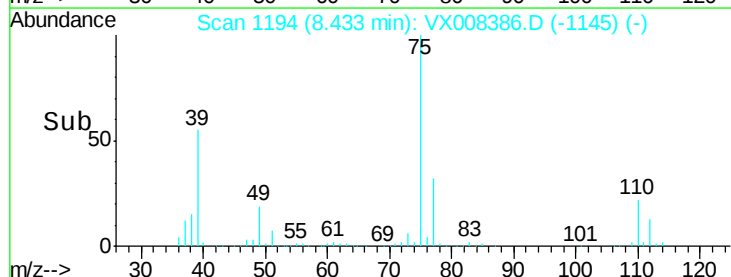
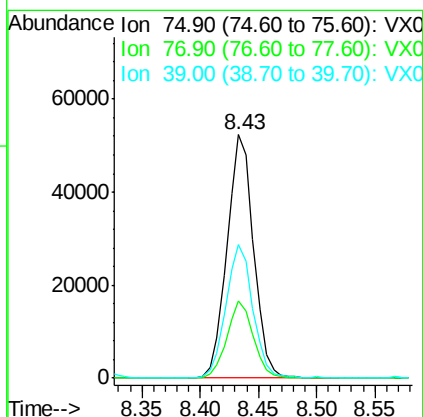
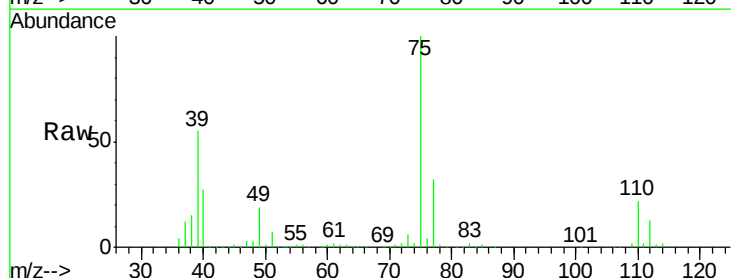
Tgt Ion: 75 Resp: 83064

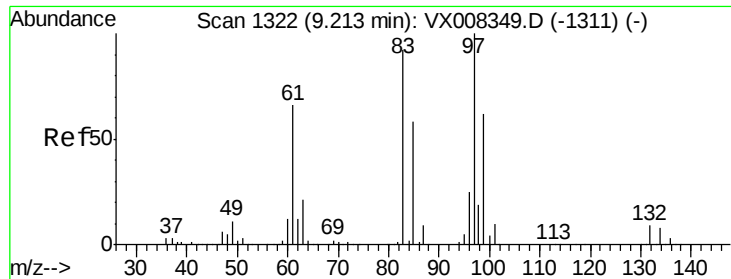
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6

39 54.6 36.6 54.8





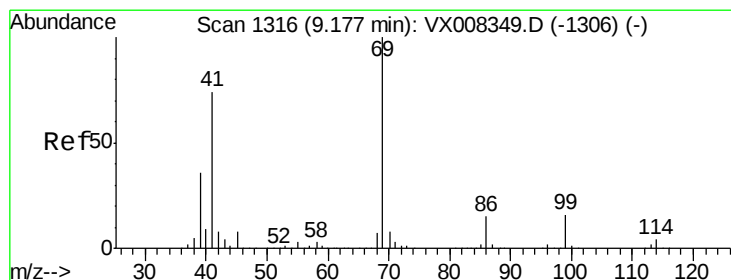
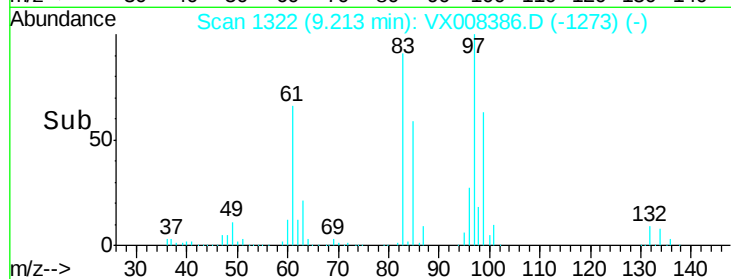
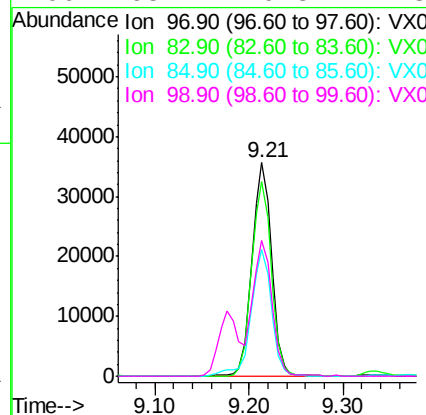
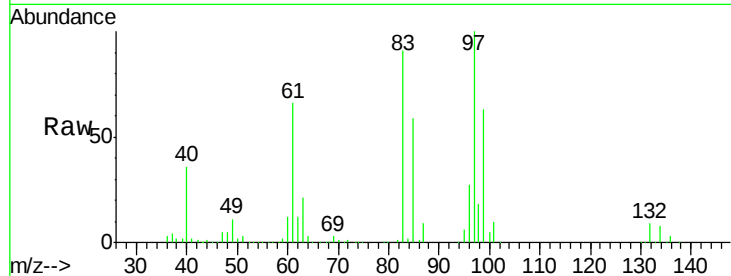
#55
 1,1,2-Trichloroethane
 Concen: 19.423 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01

Tot Ion:	97	Resp:	52397
Ion Ratio	Lower	Upper	
97	100		
83	90.8	69.1	103.7
85	59.2	44.3	66.5
99	63.4	49.8	74.8

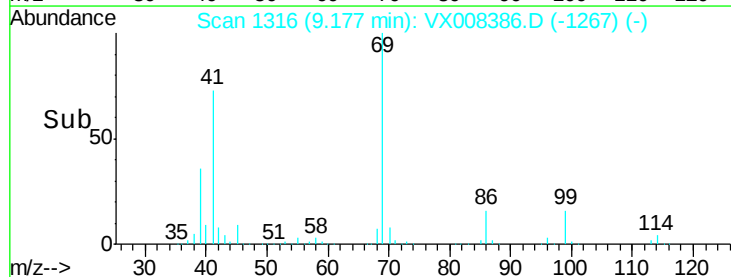
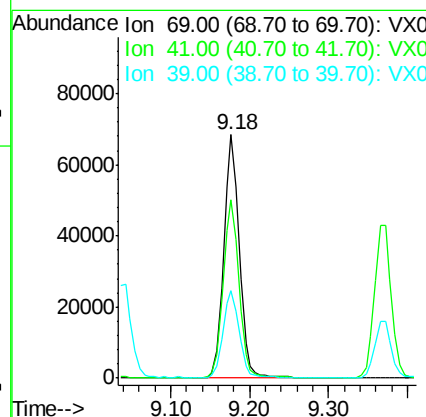
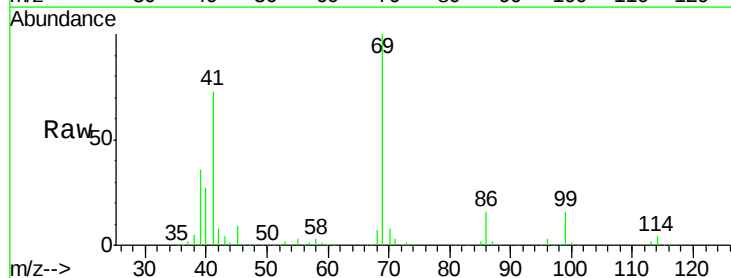
Manual Integrations
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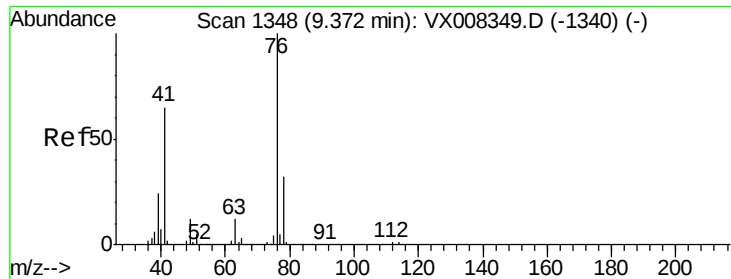
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#56
 Ethyl methacrylate
 Concen: 19.814 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Tgt Ion:	69	Resp:	94628
Ion Ratio	Lower	Upper	
69	100		
41	74.3	54.2	81.4
39	37.3	25.0	37.4





#57

1,3-Dichloropropane

Concen: 19.440 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tot Ion: 76 Resp: 93426

Ion Ratio Lower Upper

76 100

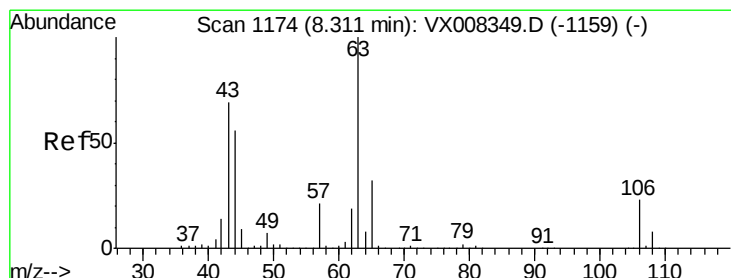
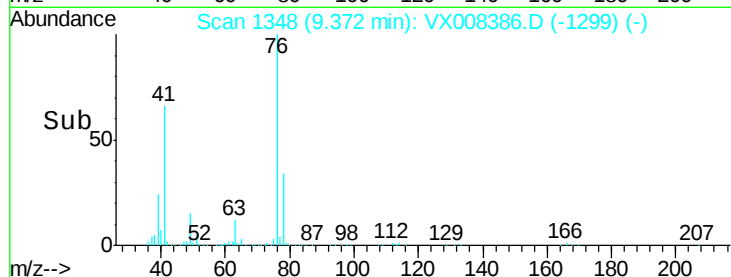
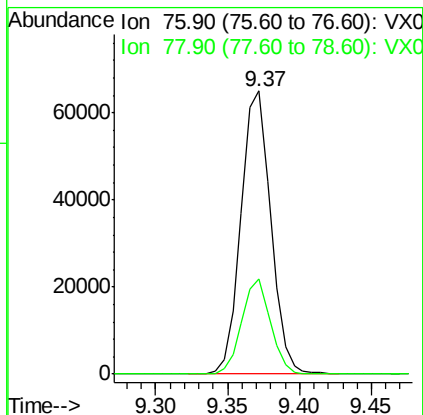
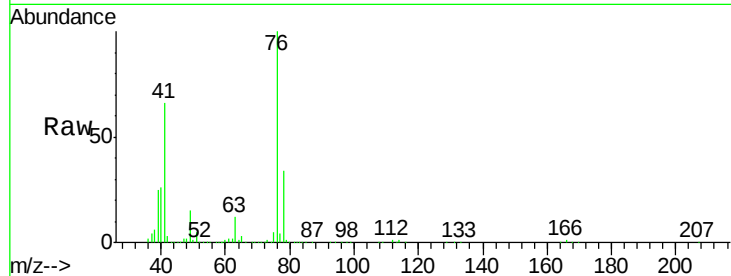
78 32.6 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 98.073 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008386.D

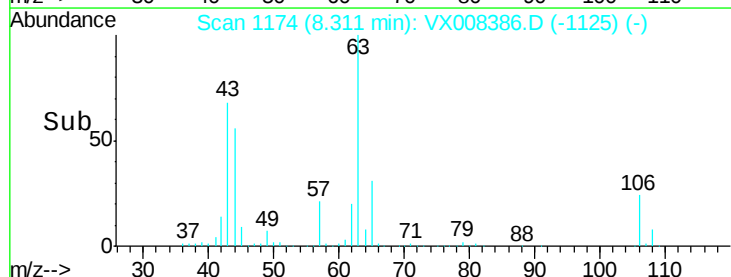
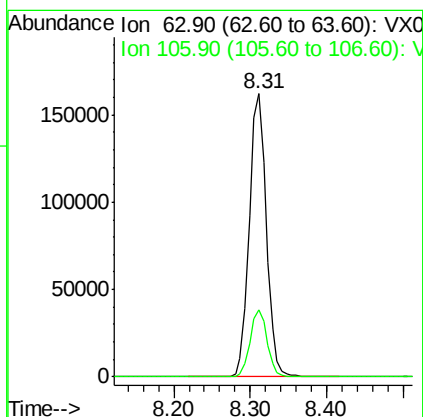
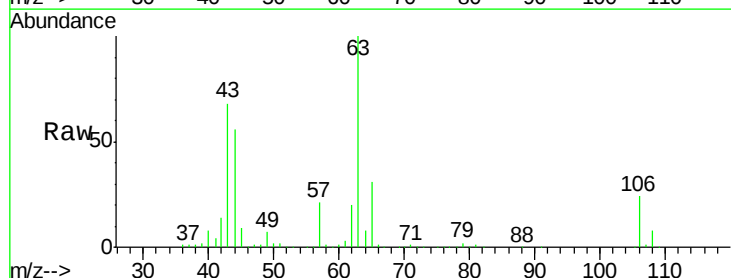
Acq: 24 Mar 2019 12:59

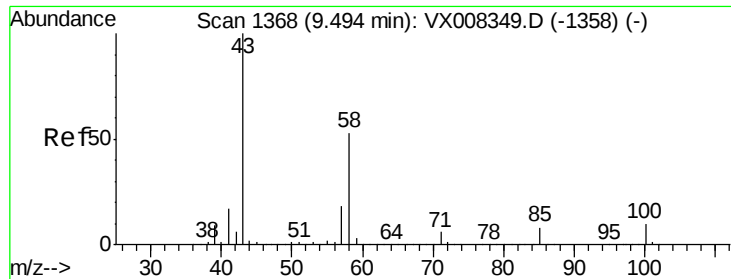
Tgt Ion: 63 Resp: 252540

Ion Ratio Lower Upper

63 100

106 23.6 22.2 33.2





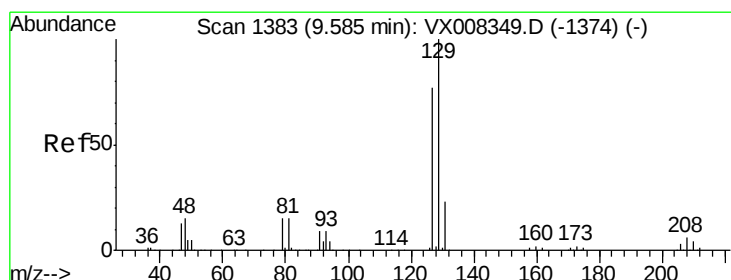
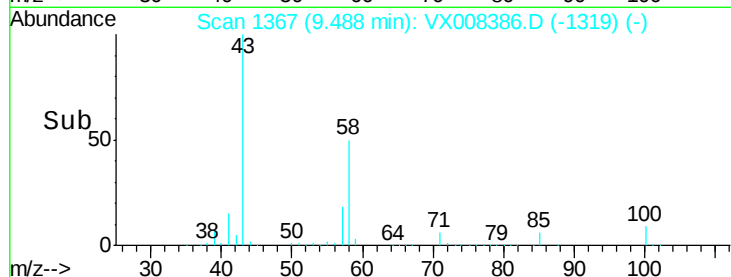
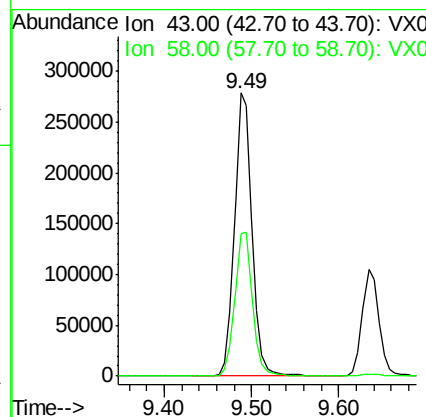
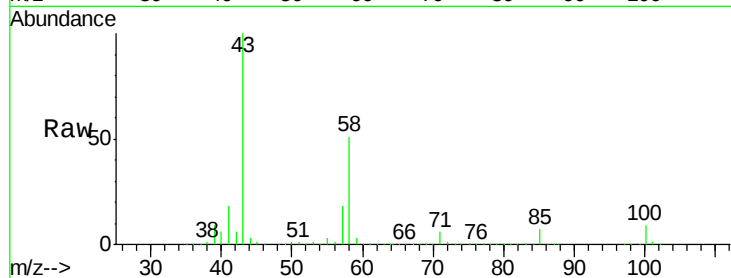
#59
2-Hexanone
Concen: 100.517 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion: 43 Resp: 388037
Ion Ratio Lower Upper
43 100
58 51.8 27.6 82.7

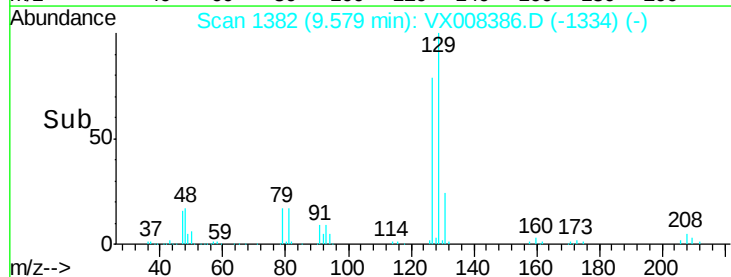
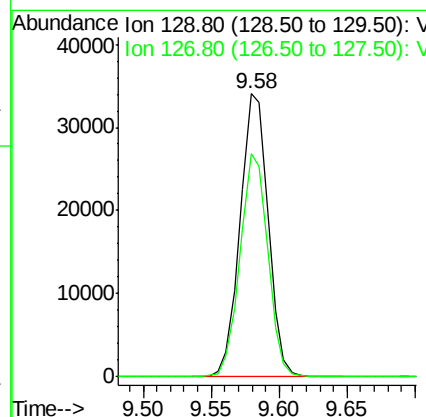
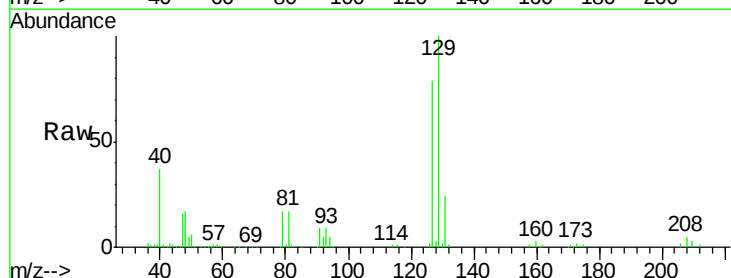
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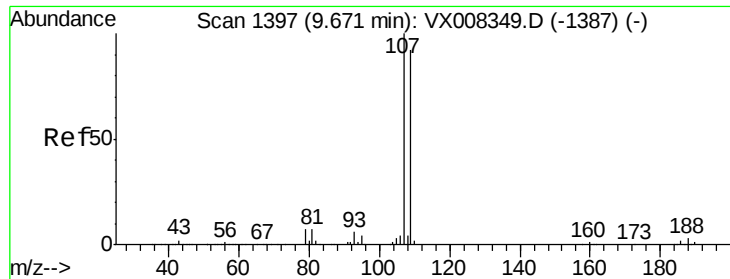
MMDadoda
3/25/2019 11:24:23 AM



#60
Dibromochloromethane
Concen: 19.608 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion:129 Resp: 49098
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.140 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tot Ion:107 Resp: 55140

Ion Ratio Lower Upper

107 100

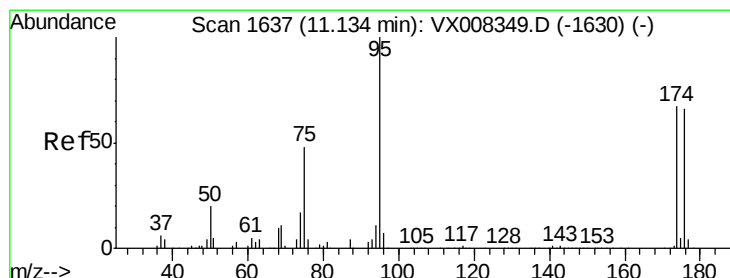
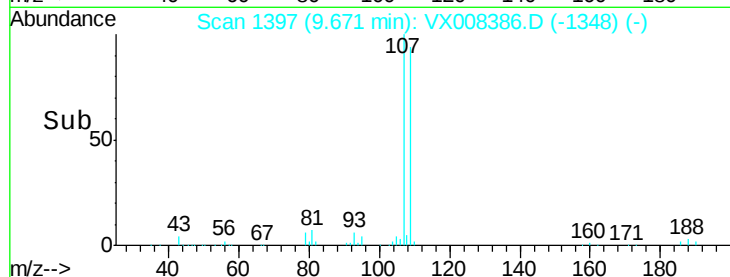
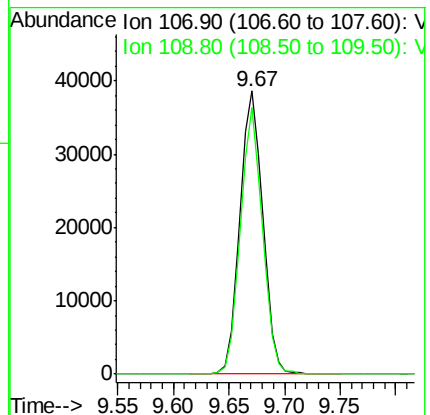
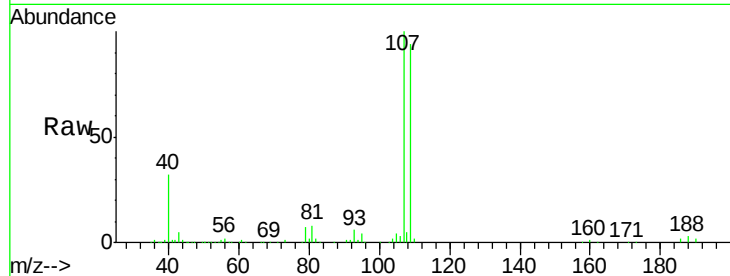
109 91.1 75.8 113.8

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#62

4-Bromofluorobenzene

Concen: 48.635 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

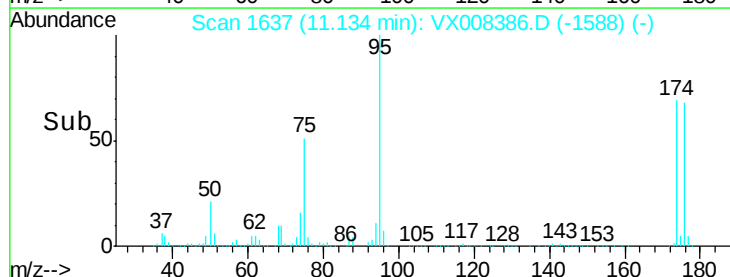
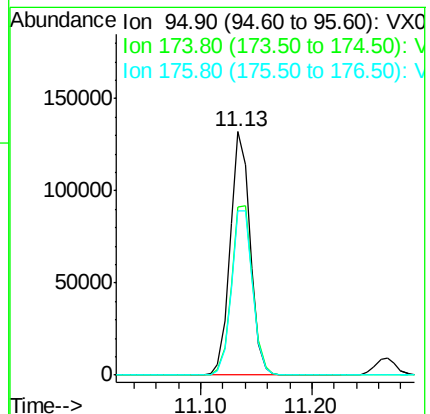
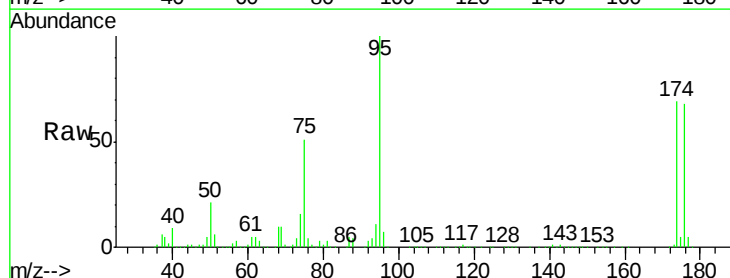
Tgt Ion: 95 Resp: 162865

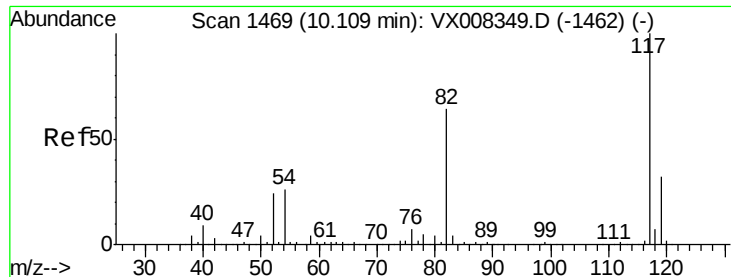
Ion Ratio Lower Upper

95 100

174 73.6 0.0 182.8

176 71.5 0.0 178.0





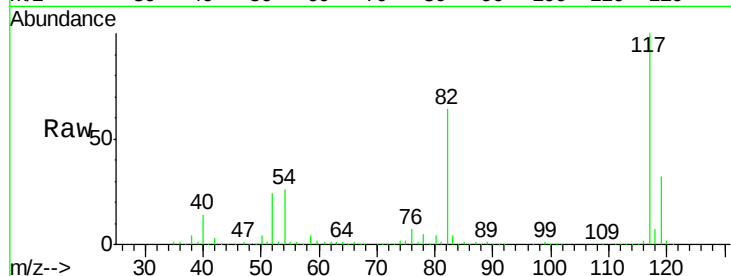
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.5	44.3	66.5
119	32.1	25.3	37.9

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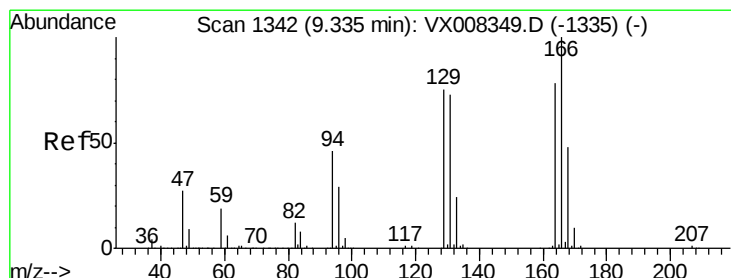
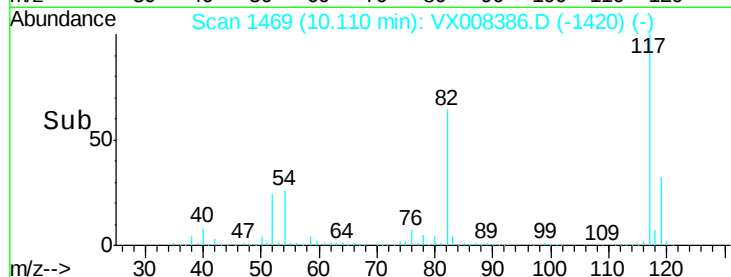
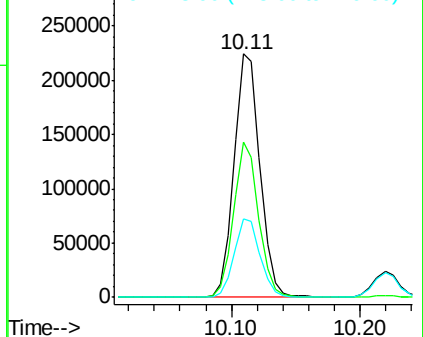


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.203 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	103.4	155.0
129	94.4	72.2	108.4
131	95.3	69.4	104.2

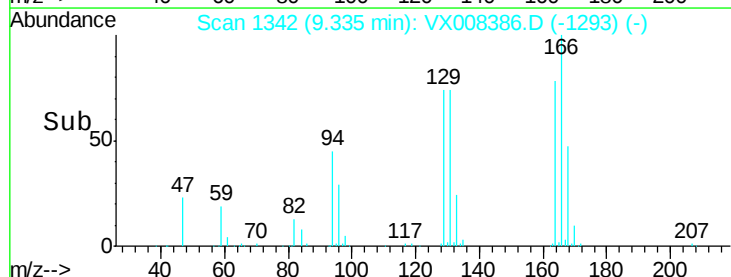
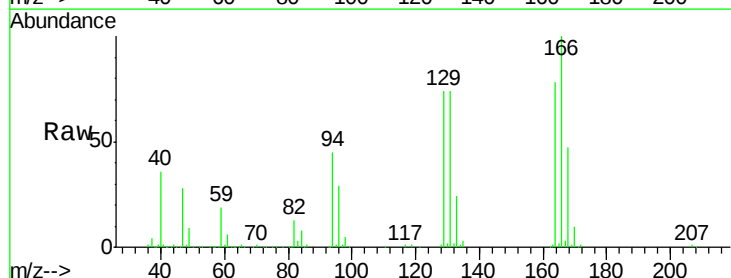
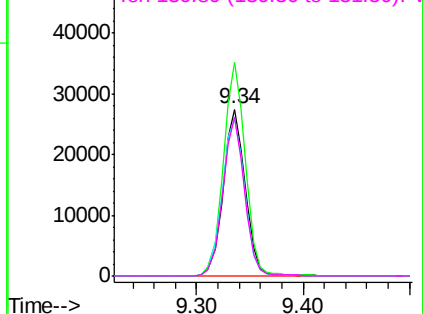
Abundance

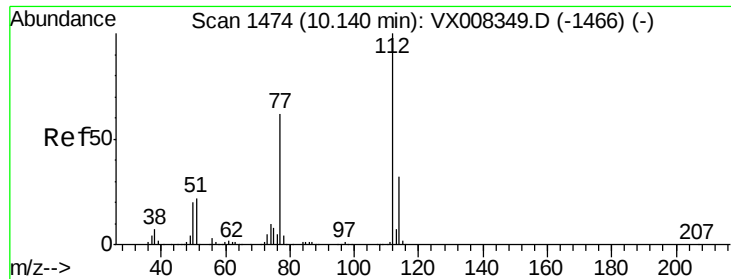
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





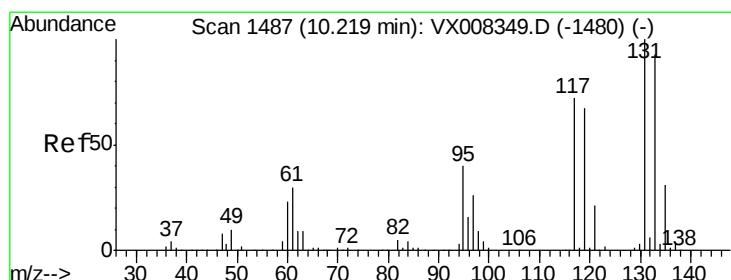
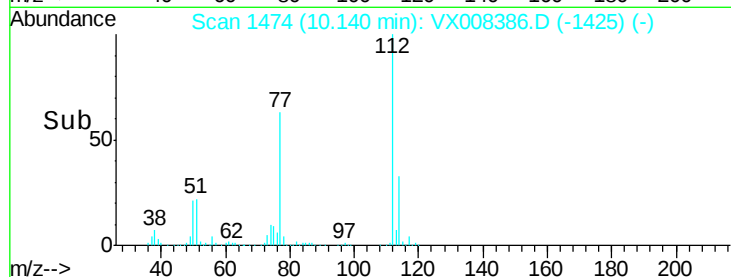
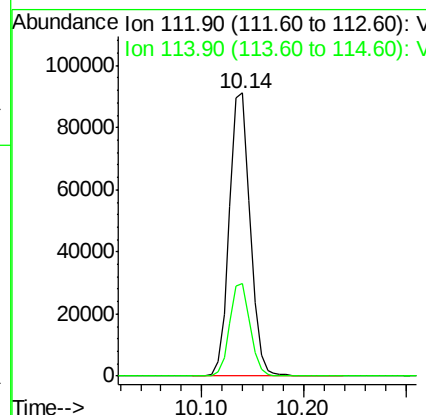
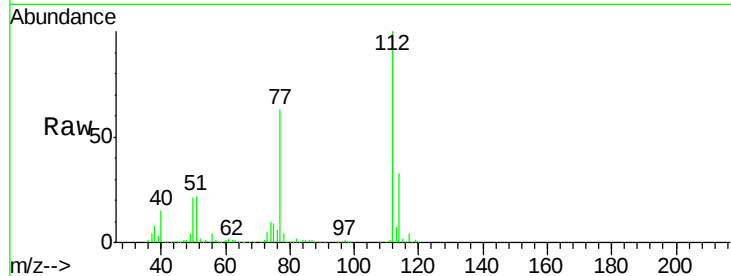
#65
Chlorobenzene
Concen: 19.590 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	129231		
114	32.9	26.0	39.0	

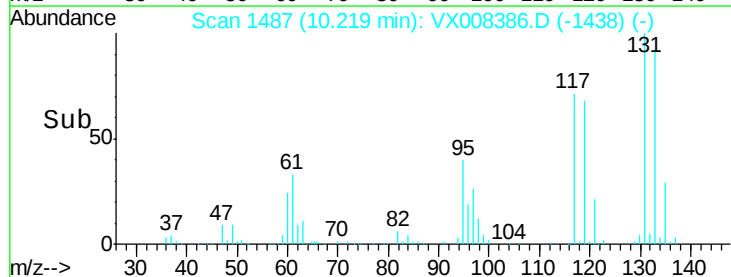
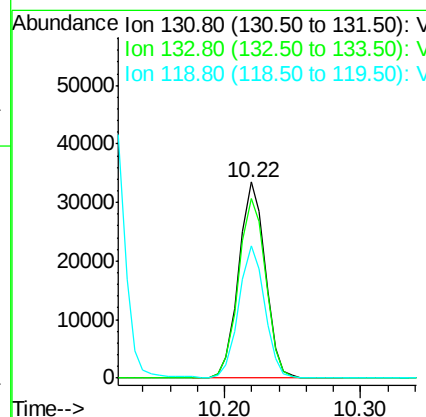
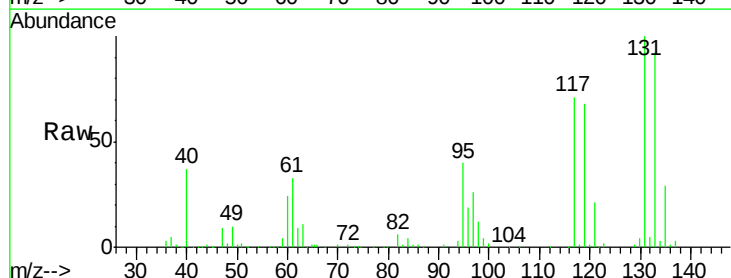
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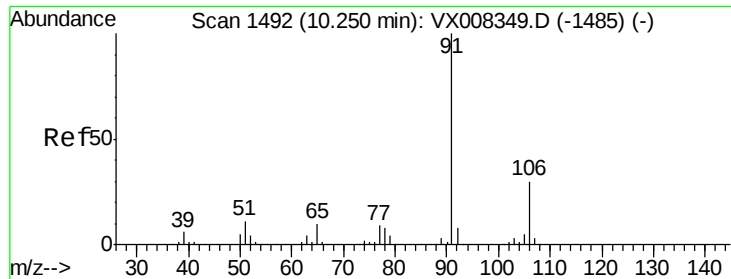
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.964 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	45671		
133	93.9	47.8	143.3	
119	66.5	32.5	97.5	





#67

Ethyl Benzene

Concen: 19.847 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tot Ion: 91 Resp: 245161

Ion Ratio Lower Upper

91 100

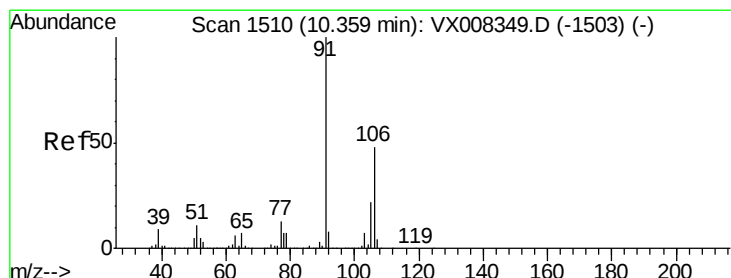
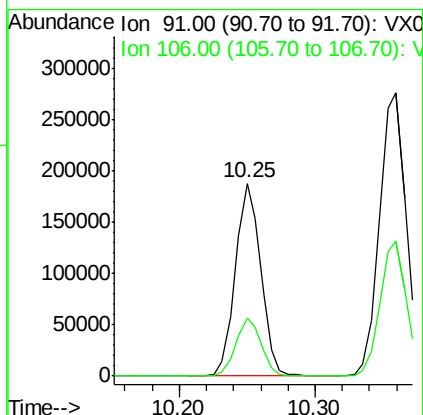
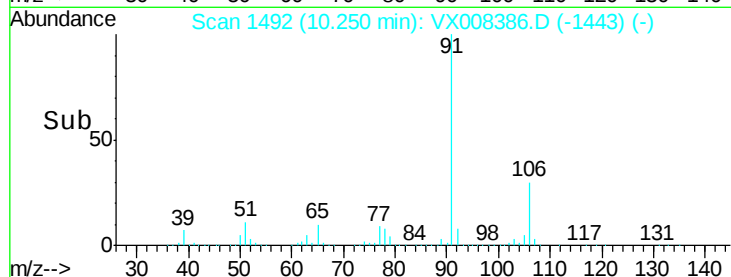
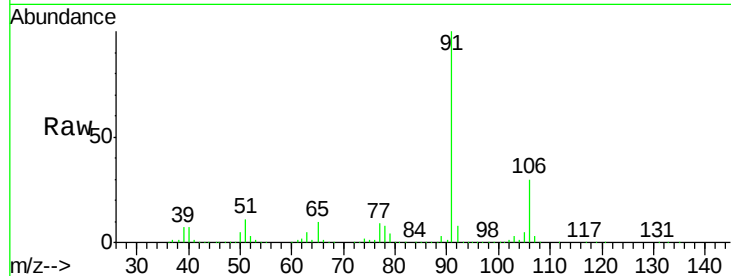
106 29.9 25.2 37.8

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#68

m/p-Xylenes

Concen: 40.182 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008386.D

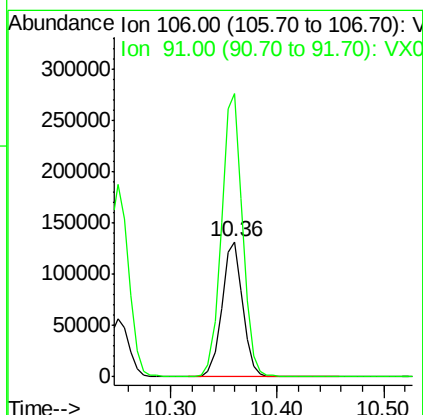
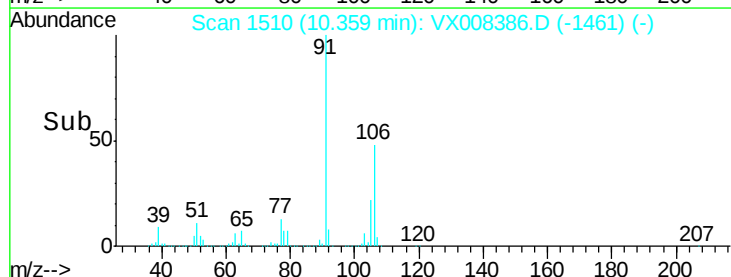
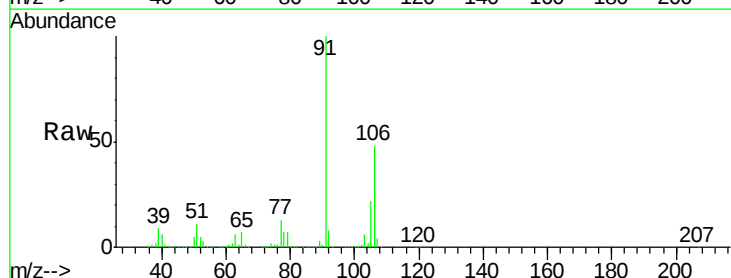
Acq: 24 Mar 2019 12:59

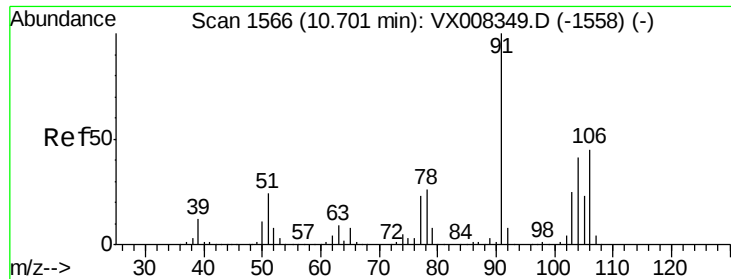
Tgt Ion: 106 Resp: 178334

Ion Ratio Lower Upper

106 100

91 212.2 159.8 239.6





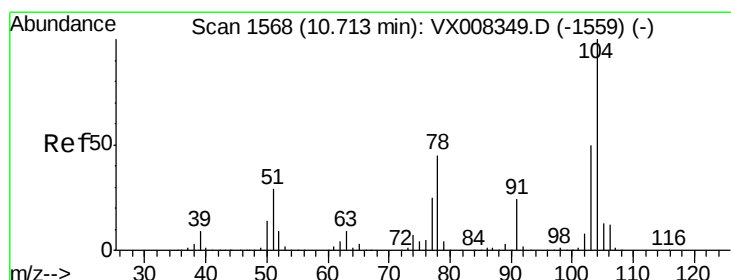
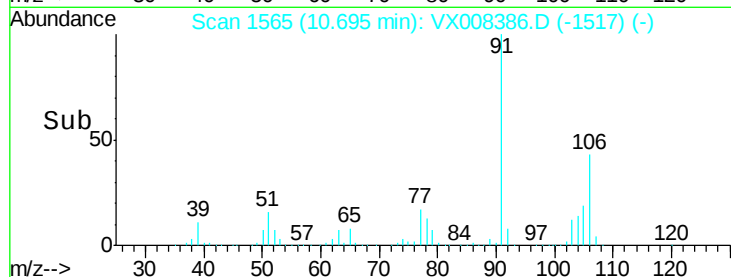
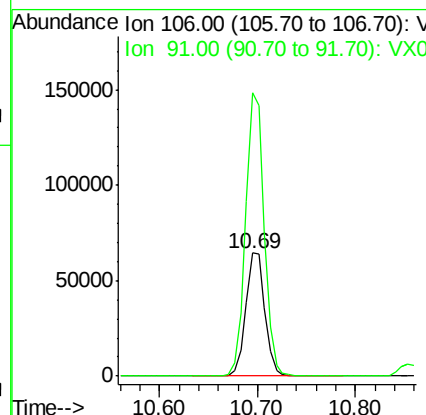
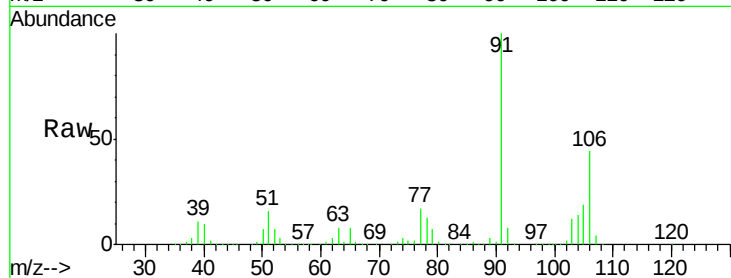
#69
o-Xylene
Concen: 19.924 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion:106 Resp: 86468
Ion Ratio Lower Upper
106 100
91 225.4 106.3 318.9

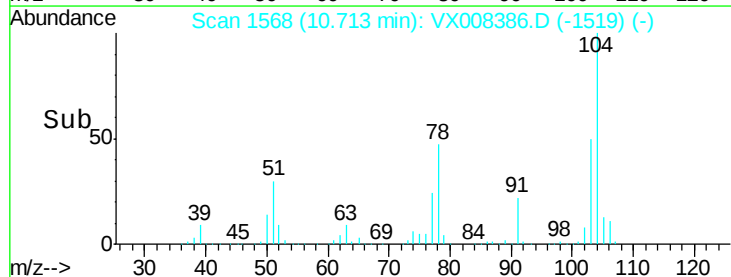
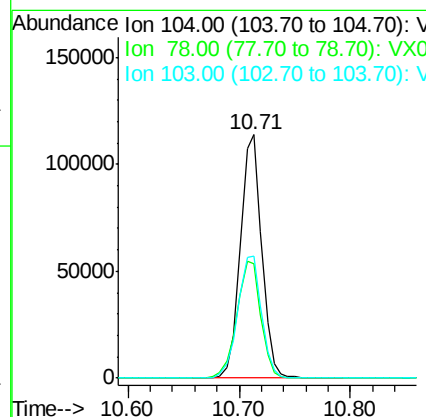
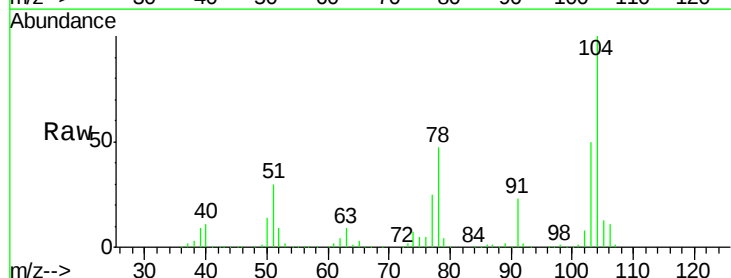
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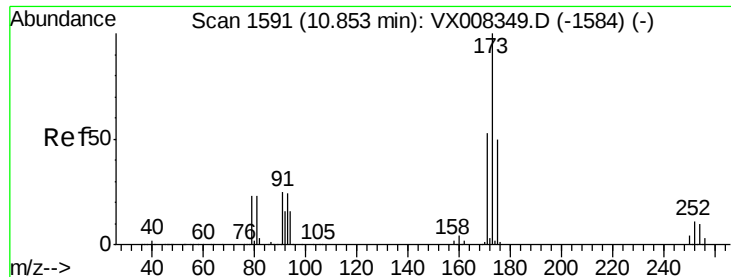
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#70
Styrene
Concen: 20.073 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion:104 Resp: 151073
Ion Ratio Lower Upper
104 100
78 53.7 38.5 57.7
103 55.9 44.1 66.1





#71

Bromoform

Concen: 19.381 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tot Ion:173 Resp: 34155

Ion Ratio Lower Upper

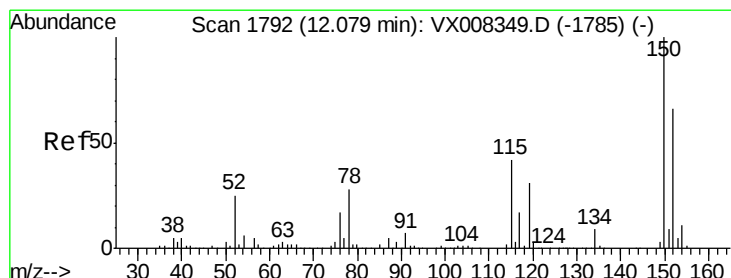
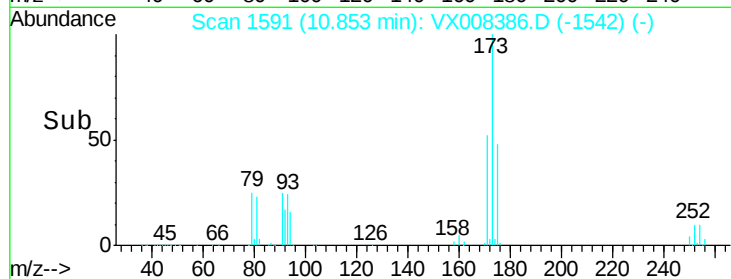
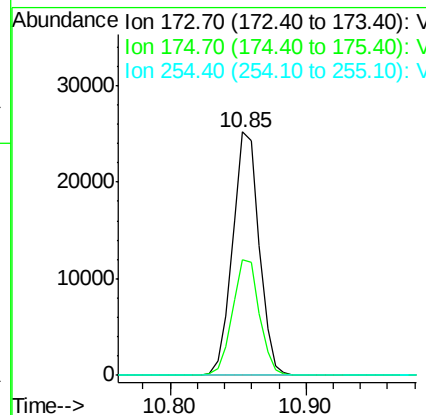
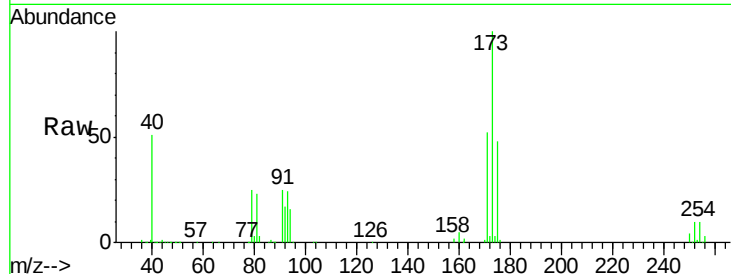
173 100

175 48.1 24.3 72.9

254 0.1 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

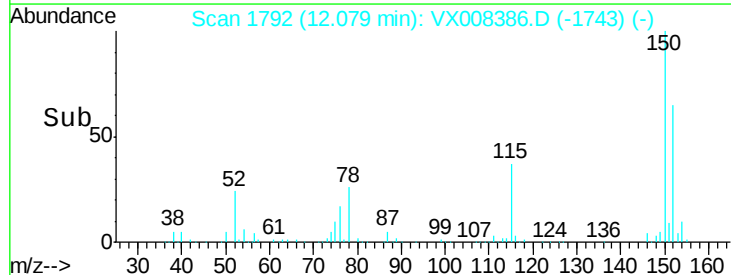
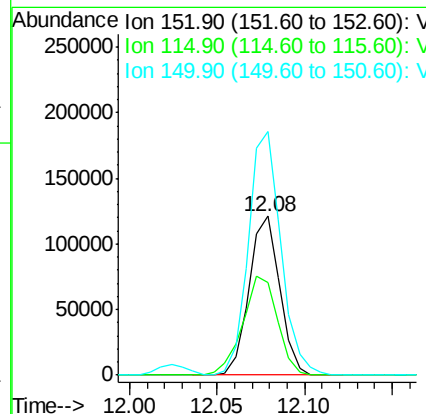
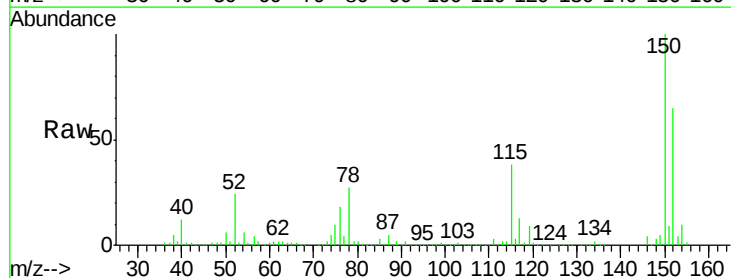
Tgt Ion:152 Resp: 147024

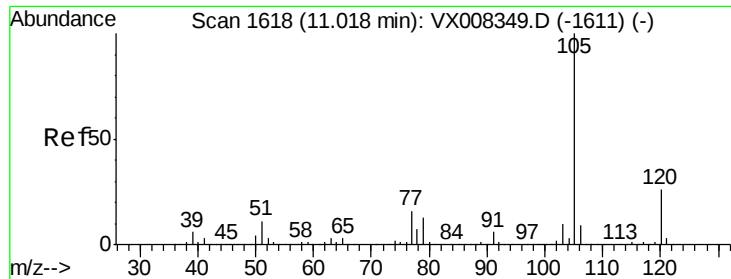
Ion Ratio Lower Upper

152 100

115 71.2 38.6 115.7

150 162.9 0.0 348.4





#73

Isopropylbenzene

Concen: 19.818 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tot Ion: 105 Resp: 229940

Ion Ratio Lower Upper

105 100

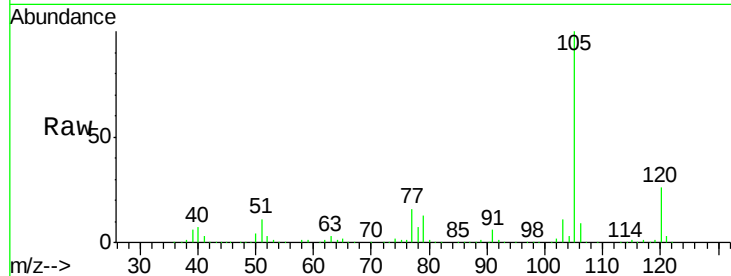
120 25.9 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

200000

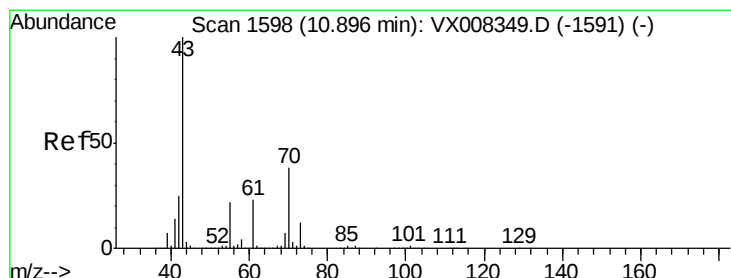
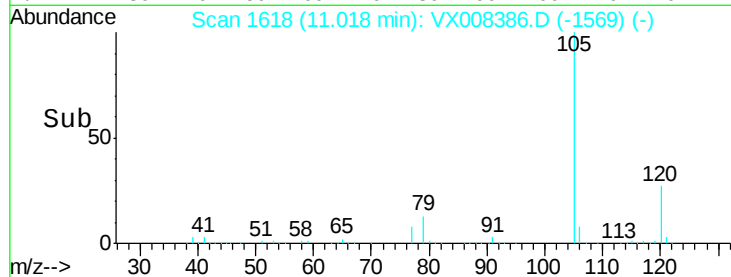
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.064 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Tgt Ion: 43 Resp: 136302

Ion Ratio Lower Upper

43 100

70 37.6 33.5 50.3

55 23.3 19.2 28.8

61 22.7 19.0 28.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

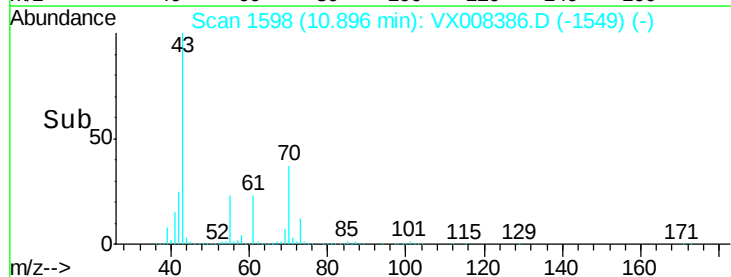
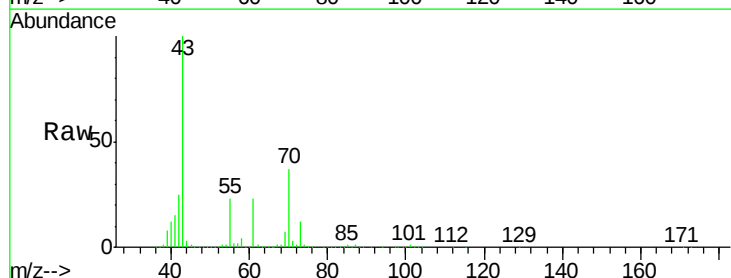
150000

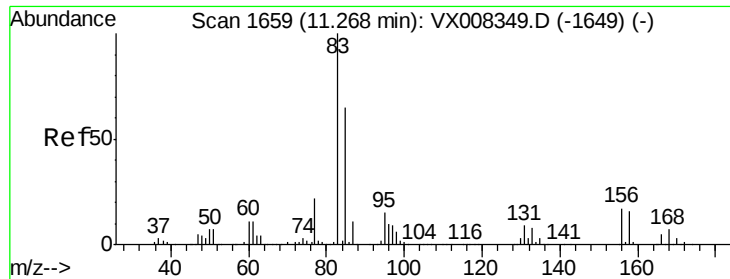
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.879 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

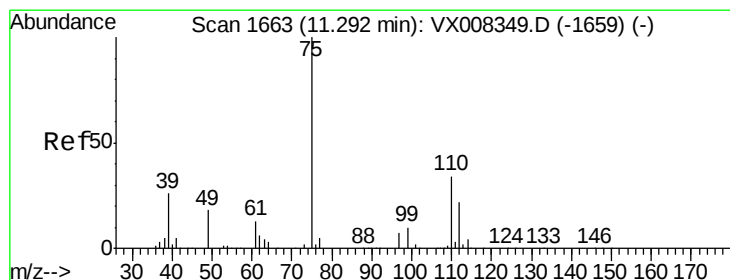
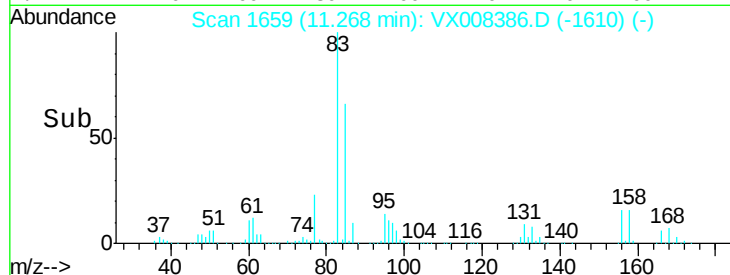
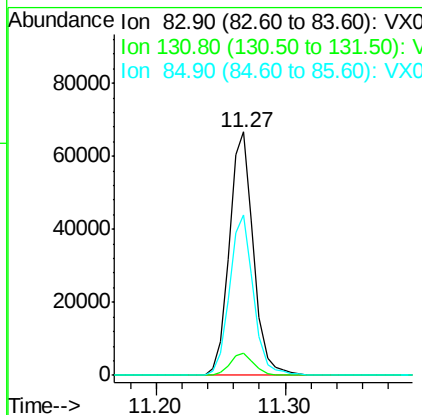
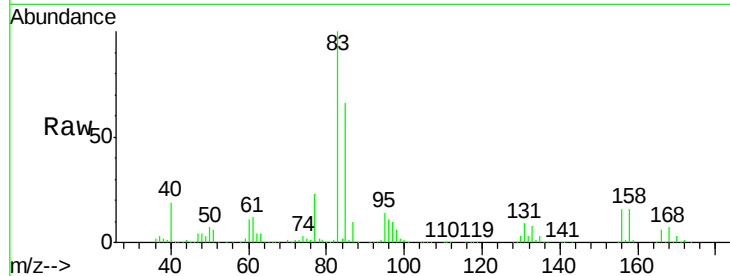
ClientSampleId :

VX0324WBSD01

Tot Ion:	83	Resp:	87252
Ion Ratio	Lower	Upper	
83	100		
131	9.1	5.4	16.2
85	65.4	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 19.100 ug/l m

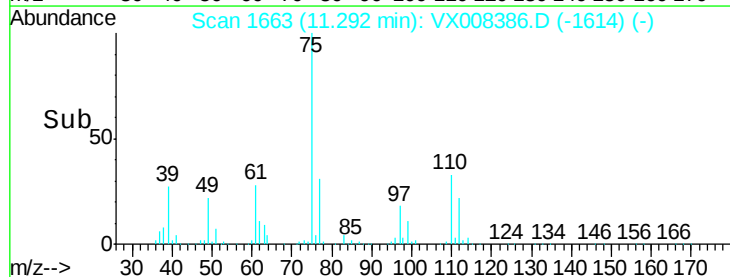
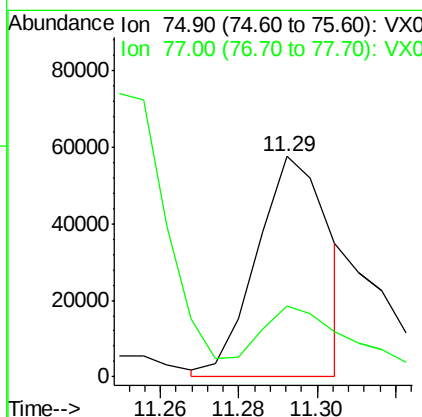
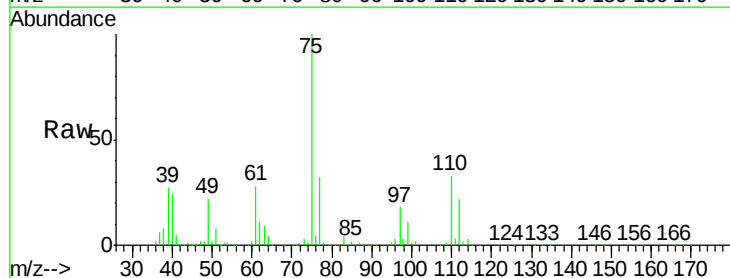
RT: 11.29 min Scan# 1663

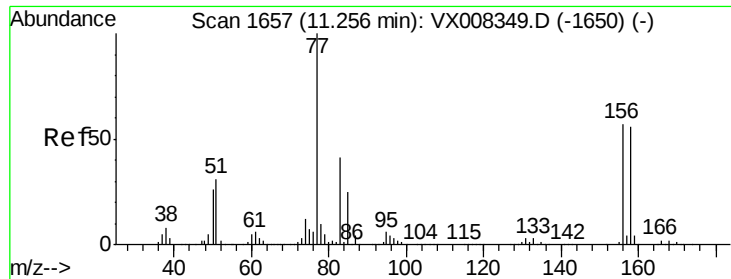
Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Tgt Ion:	75	Resp:	73504
Ion Ratio	Lower	Upper	
75	100		
77	42.4	18.9	56.7





#77

Bromobenzene

Concen: 19.448 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

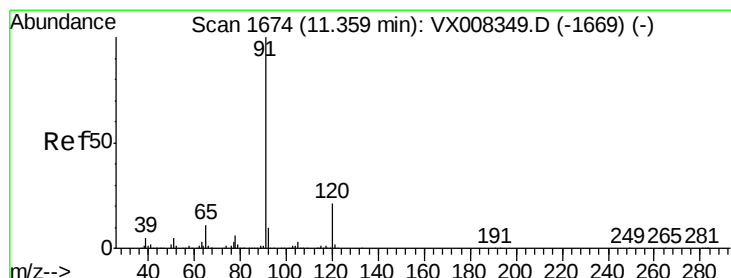
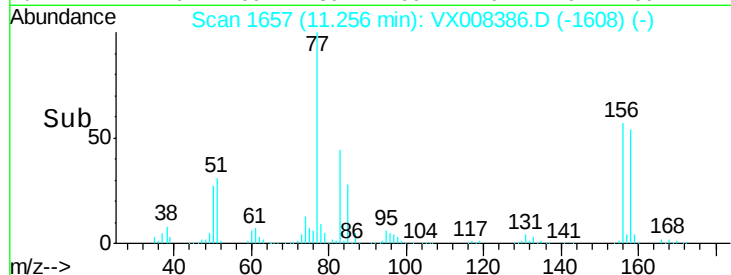
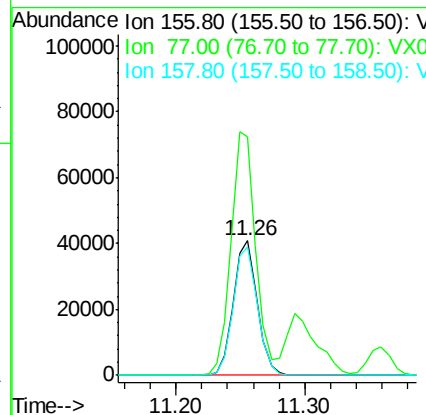
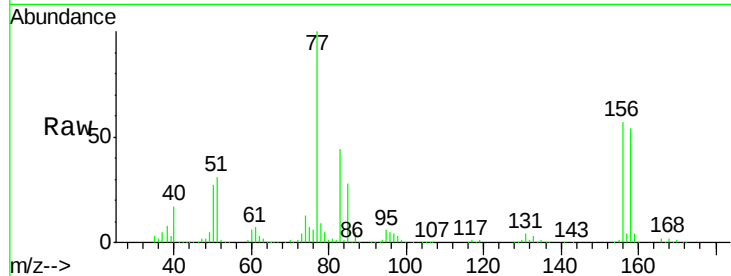
ClientSampleId :

VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	185.4	72.0	215.9
158	96.6	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 20.027 ug/l

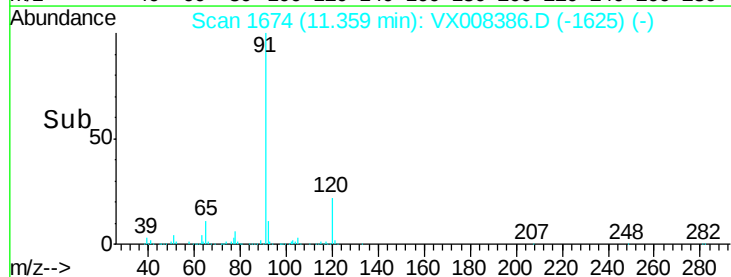
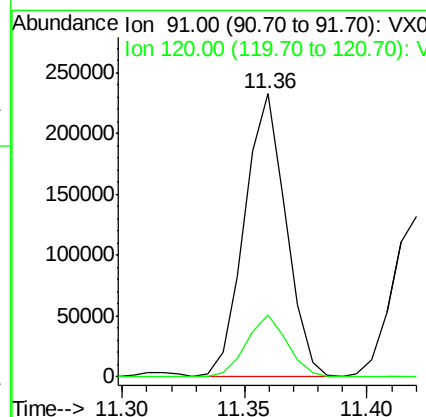
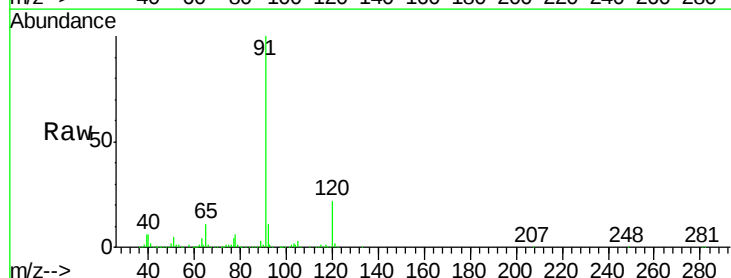
RT: 11.36 min Scan# 1674

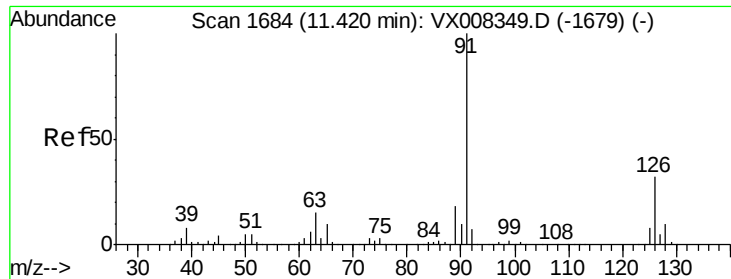
Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	12.0	36.0





#79

2-Chlorotoluene

Concen: 19.720 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampled :

VX0324WBSD01

Tot Ion: 91 Resp: 163354

Ion Ratio Lower Upper

91 100

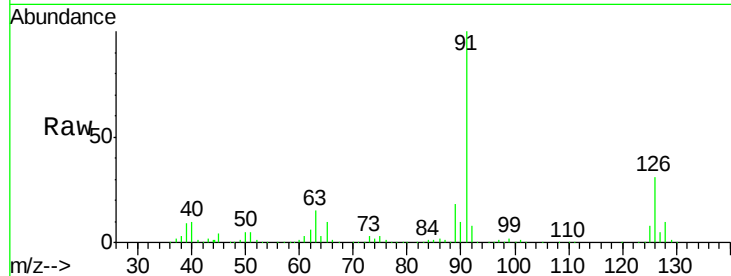
126 31.4 17.5 52.6

Manual Integrations

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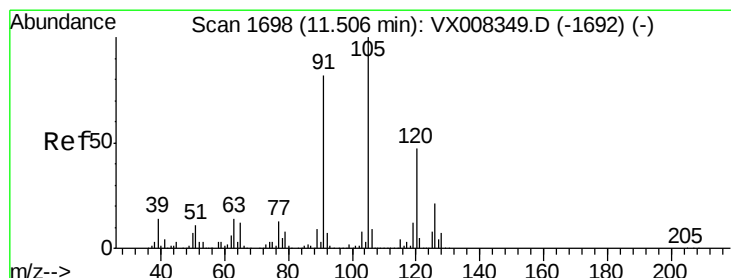
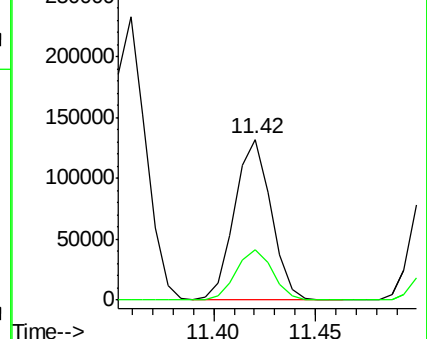
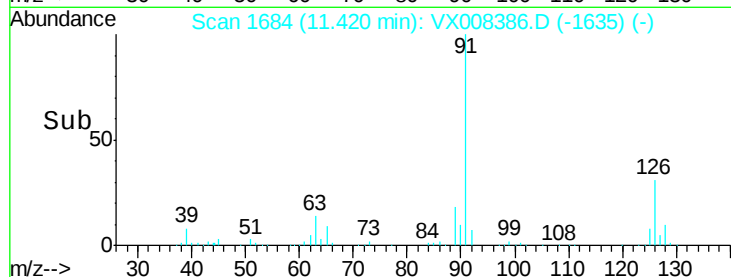
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.928 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008386.D

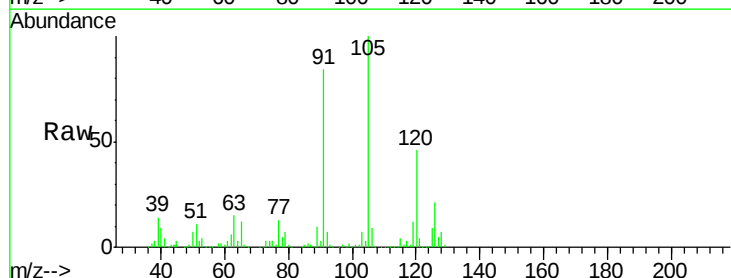
Acq: 24 Mar 2019 12:59

Tgt Ion:105 Resp: 196700

Ion Ratio Lower Upper

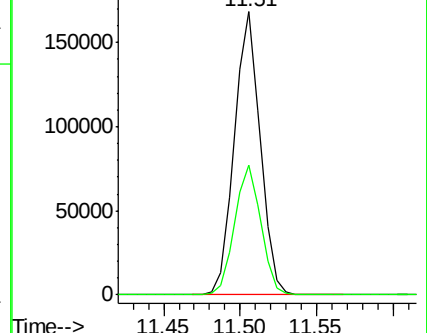
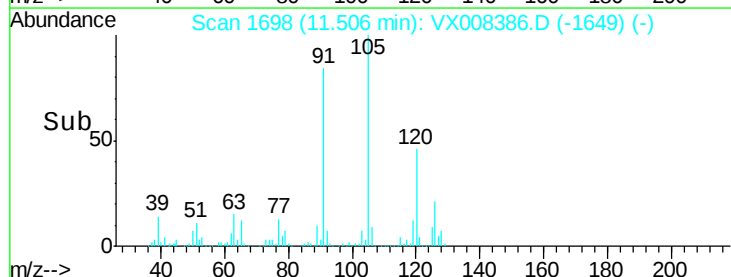
105 100

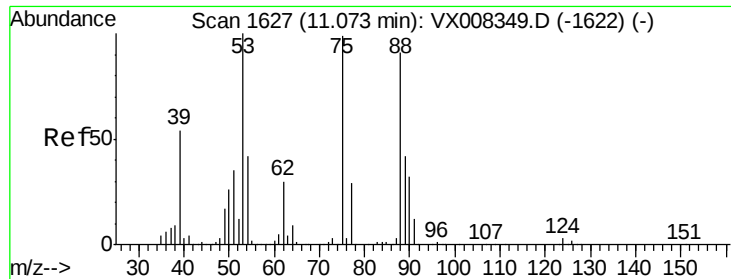
120 46.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.167 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tot Ion: 75 Resp: 24533

Ion Ratio Lower Upper

75 100

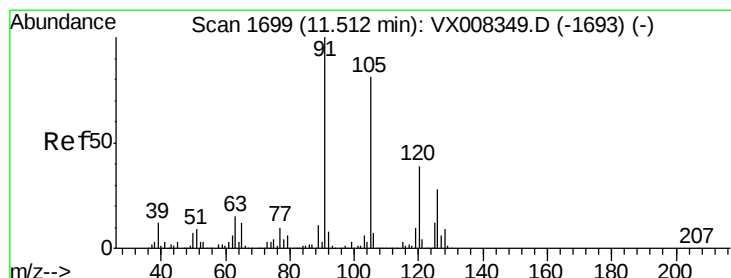
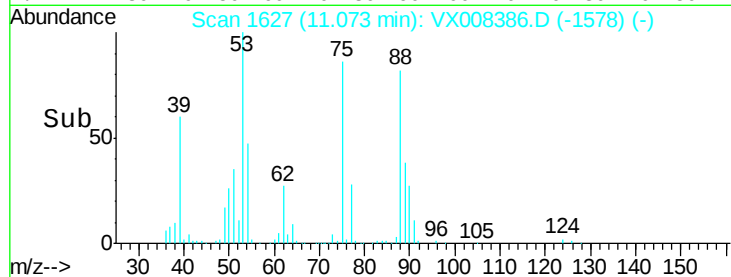
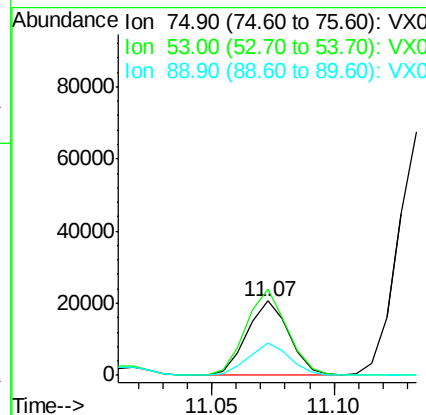
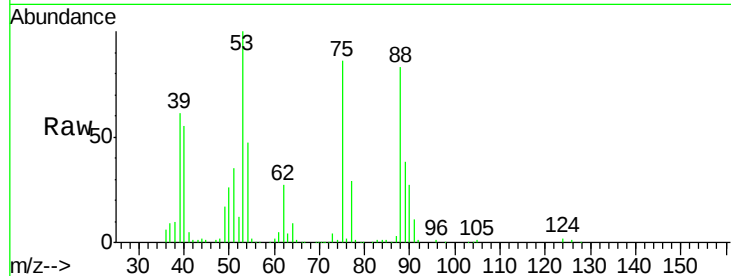
53 114.8 76.1 114.1#

89 43.2 36.3 54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.405 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008386.D

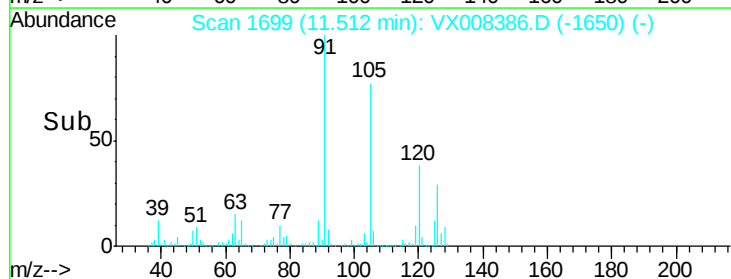
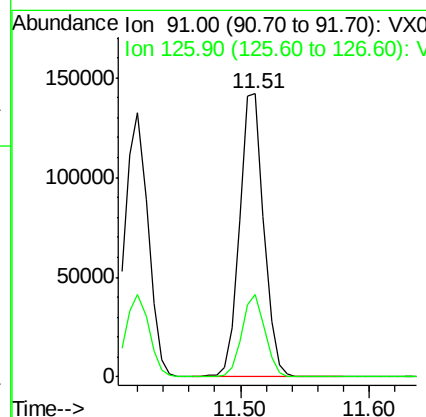
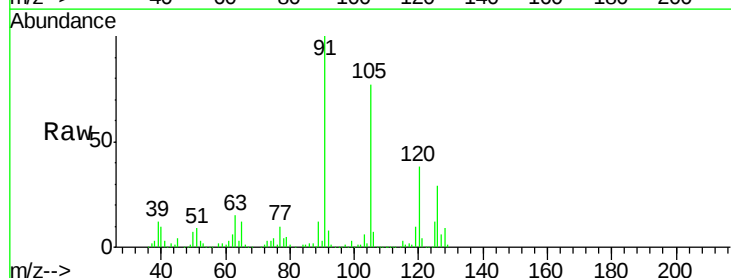
Acq: 24 Mar 2019 12:59

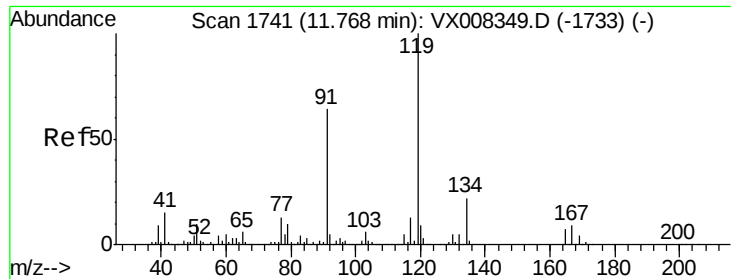
Tgt Ion: 91 Resp: 185223

Ion Ratio Lower Upper

91 100

126 28.0 15.6 46.8





#83

tert-Butylbenzene

Concen: 19.855 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

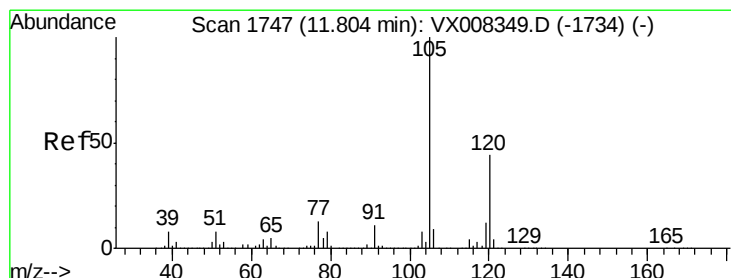
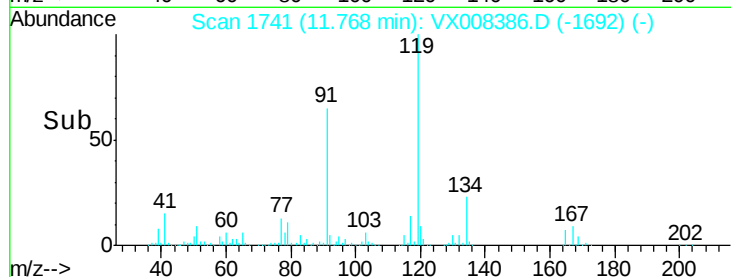
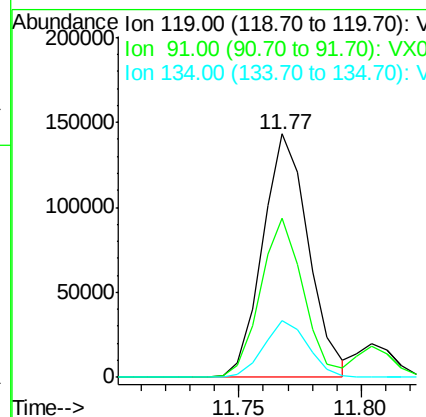
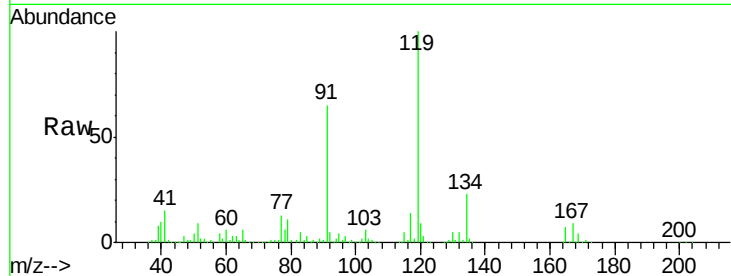
ClientSampleId :

VX0324WBSD01

Tot Ion:	119	Resp:	186623
Ion Ratio	Lower	Upper	
119	100		
91	61.3	27.1	81.3
134	22.5	11.4	34.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.156 ug/l

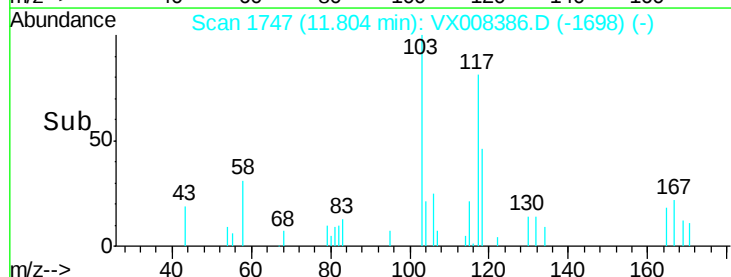
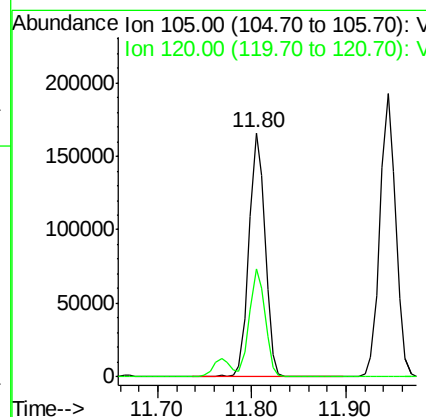
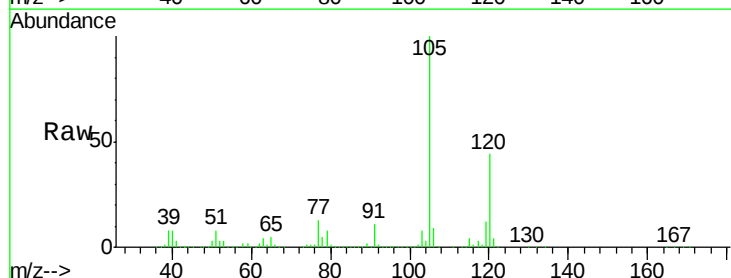
RT: 11.80 min Scan# 1747

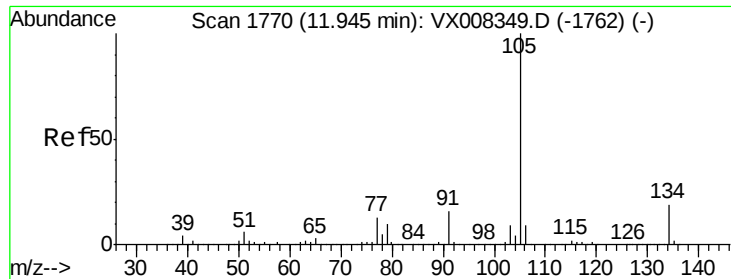
Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Tgt Ion:	105	Resp:	198534
Ion Ratio	Lower	Upper	
105	100		
120	42.8	22.6	67.7





#85

sec-Butylbenzene

Concen: 19.926 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBSD01

Tot Ion:105 Resp: 224469

Ion Ratio Lower Upper

105 100

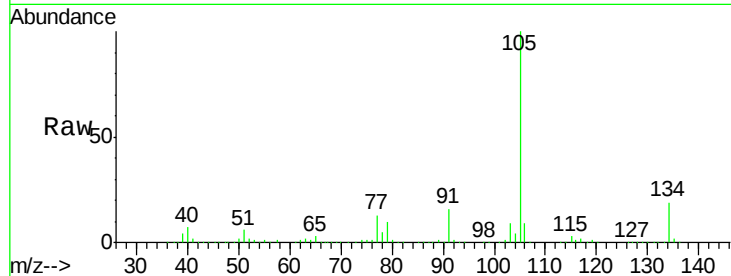
134 18.8 10.4 31.2

Manual Integrations

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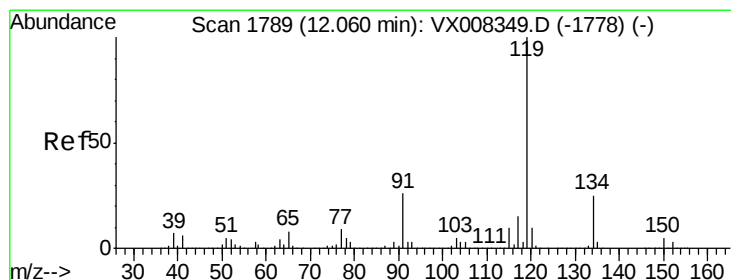
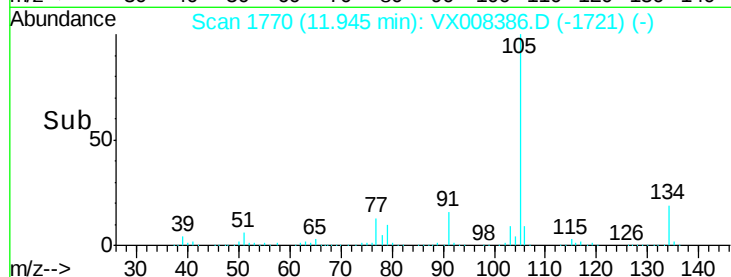
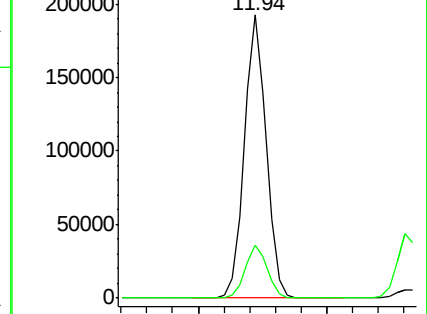
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.061 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

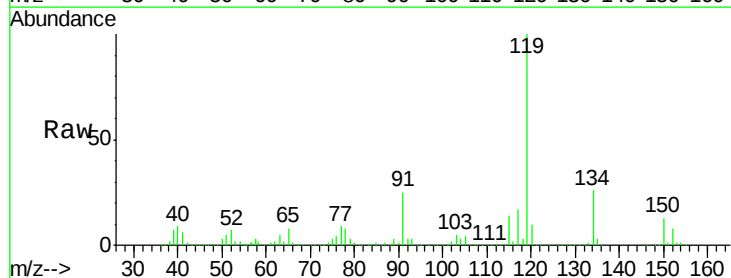
Tgt Ion:119 Resp: 199184

Ion Ratio Lower Upper

119 100

134 25.4 13.3 39.9

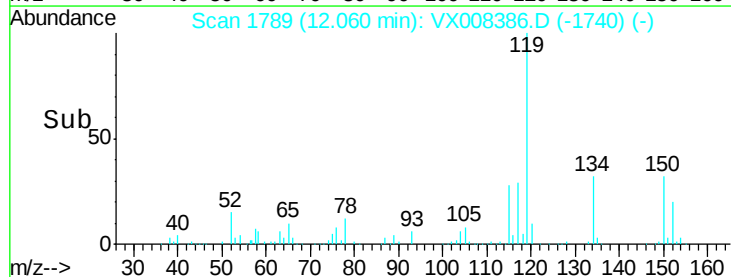
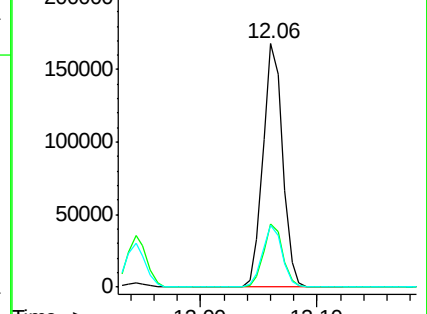
91 25.3 10.9 32.7

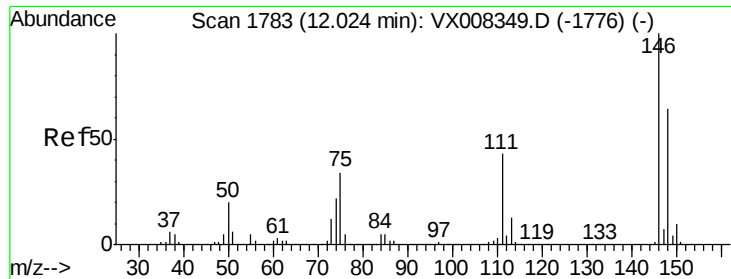


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





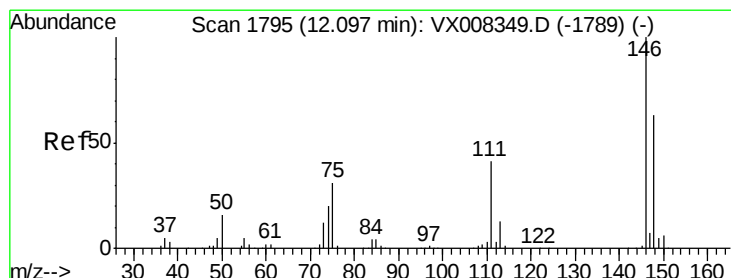
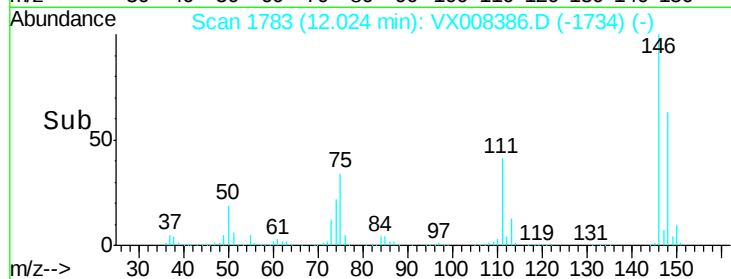
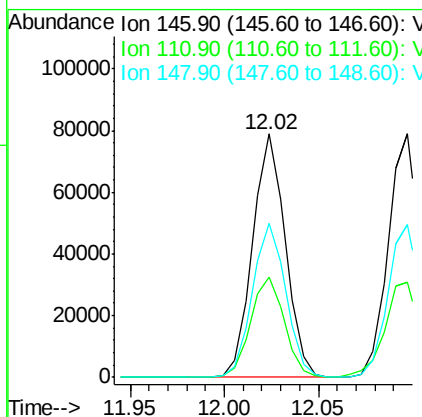
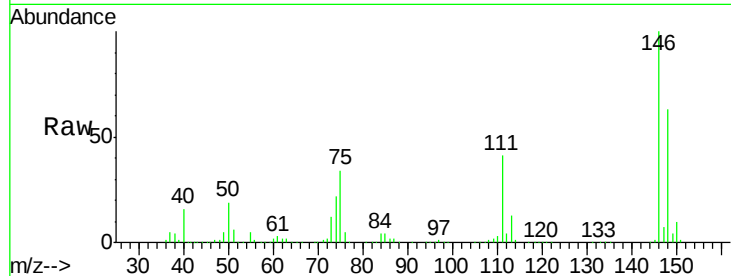
#87
 1,3-Dichlorobenzene
 Concen: 19.333 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	18.9	56.7
148	63.9	31.7	95.1

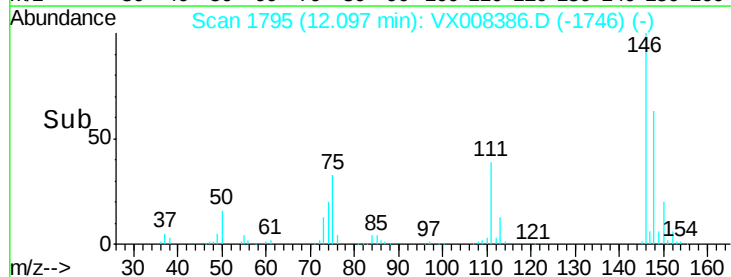
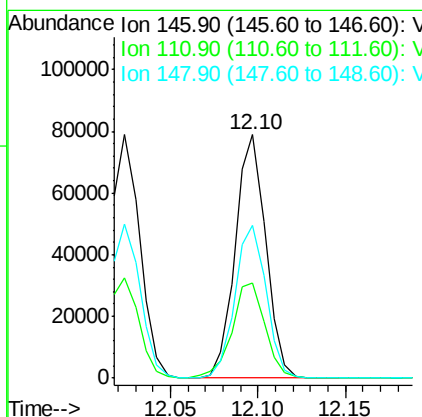
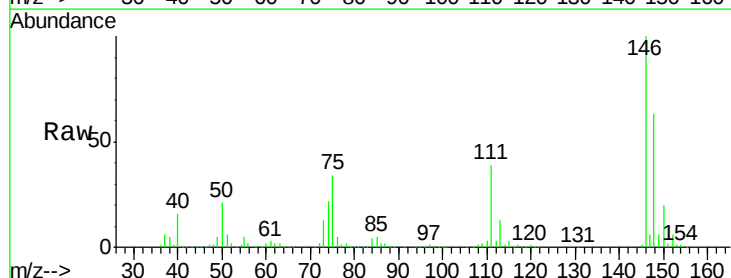
Manual Integrations
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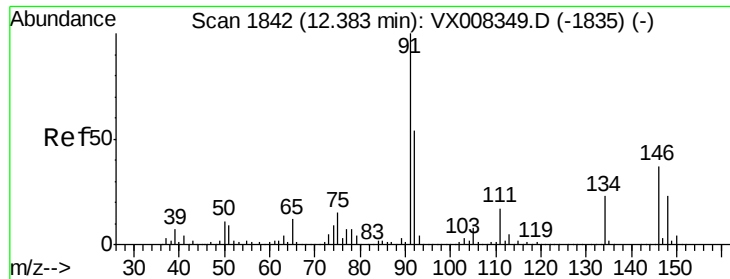
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#88
 1,4-Dichlorobenzene
 Concen: 19.060 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	18.4	55.0
148	64.2	32.2	96.6





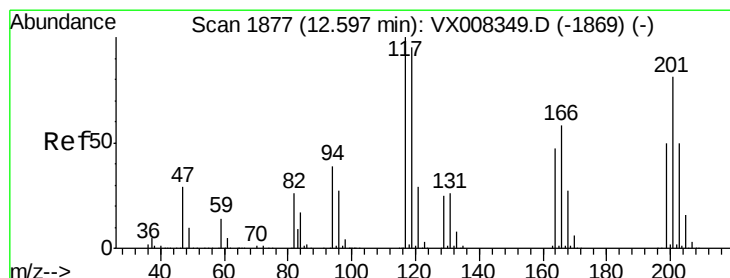
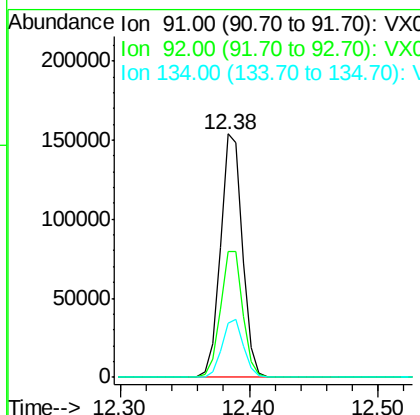
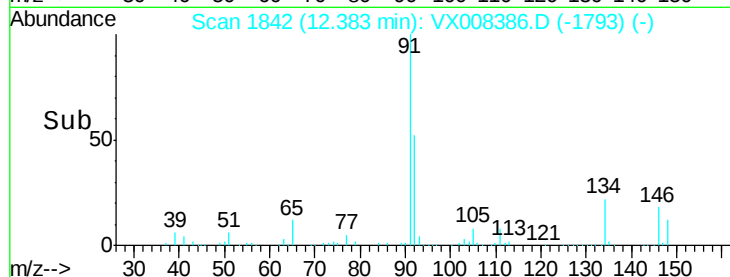
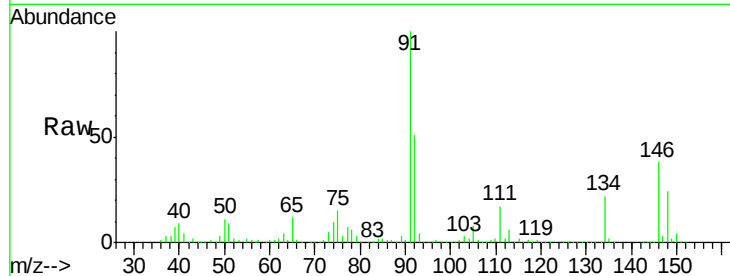
#89
n-Butylbenzene
Concen: 19.535 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.0	80.8
134	23.3	13.7	41.0

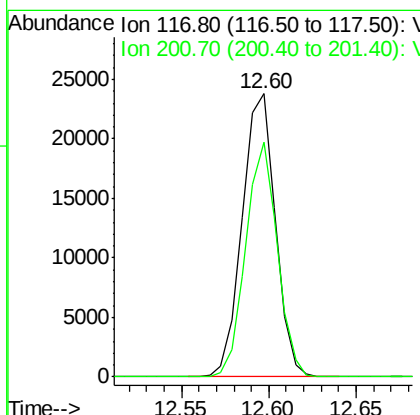
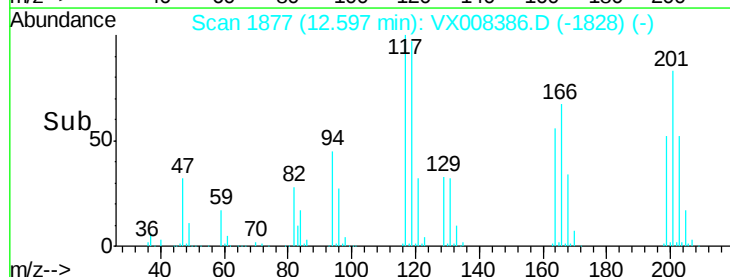
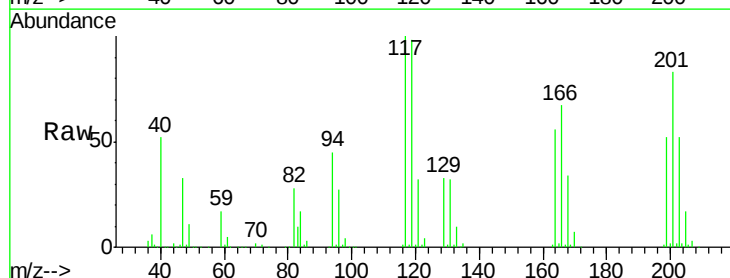
Manual Integrations
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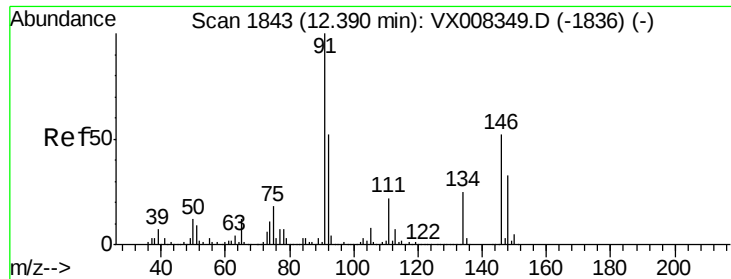
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#90
Hexachloroethane
Concen: 19.117 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008386.D
Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	48.9	146.7





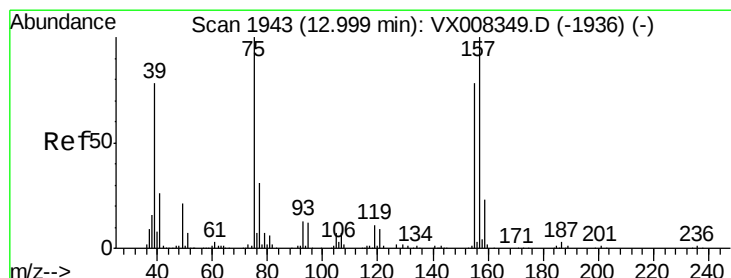
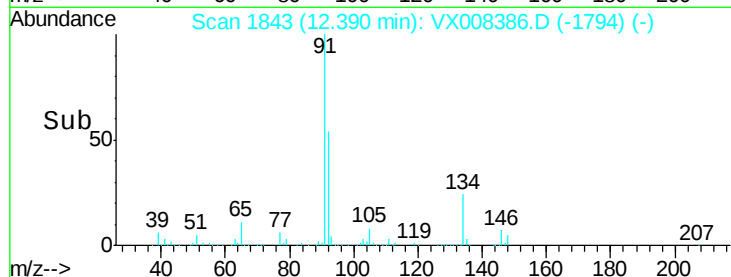
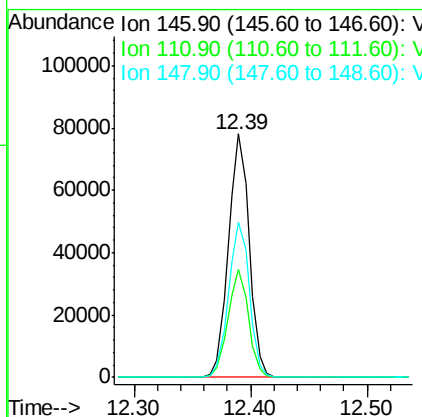
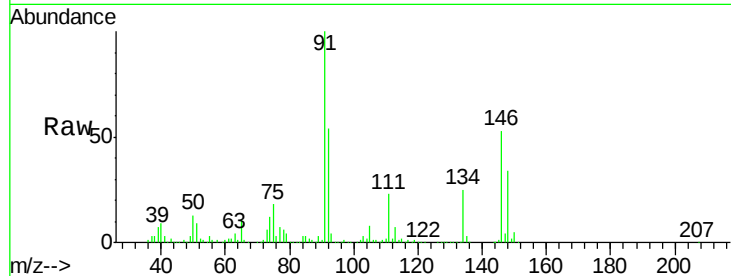
#91
 1,2-Dichlorobenzene
 Concen: 19.358 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	19.6	58.8
148	64.3	31.9	95.5

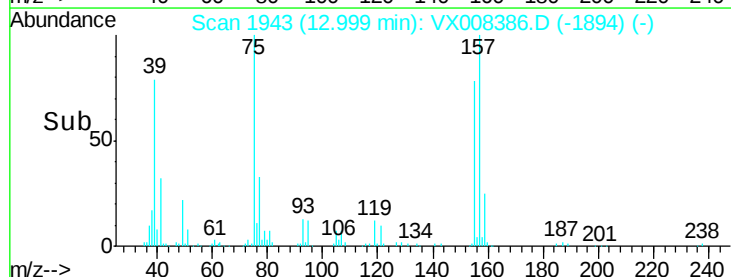
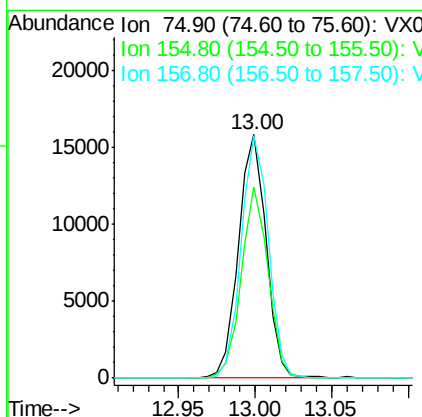
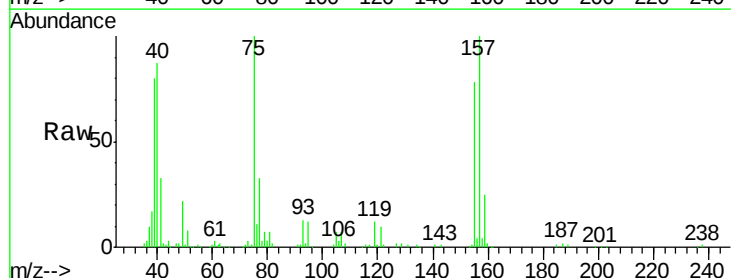
Manual Integrations
 APPROVED

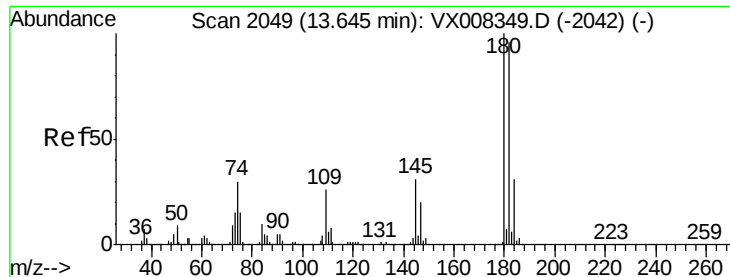
MMDadoda
 3/25/2019 11:24:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.126 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.1	49.7	149.1
157	98.3	63.8	191.4





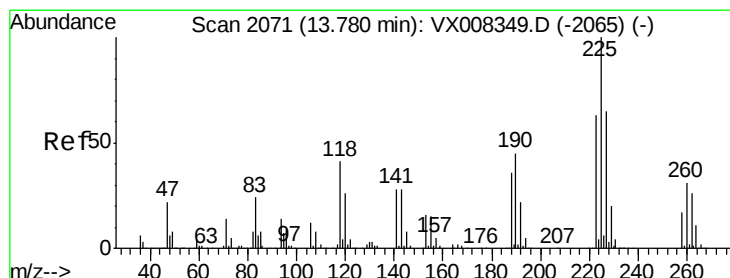
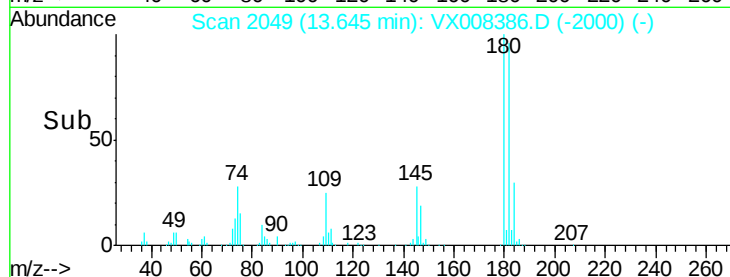
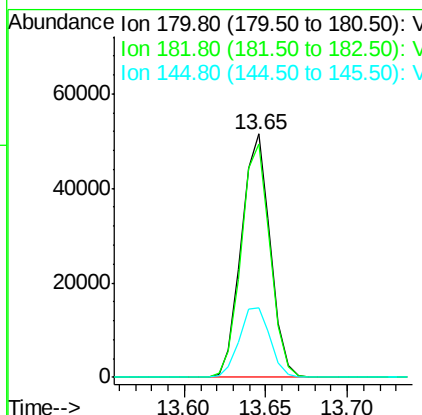
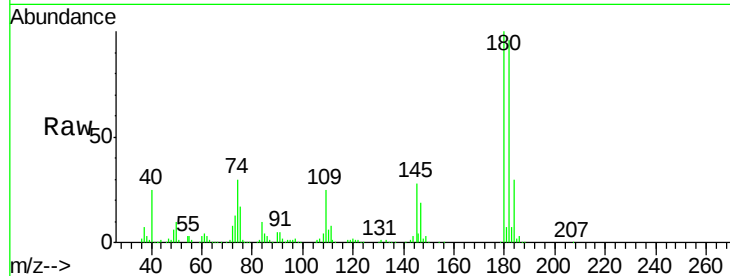
#93
 1,2,4-Trichlorobenzene
 Concen: 18.860 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	63513		
182	96.0	47.9	143.7	
145	30.4	14.1	42.4	

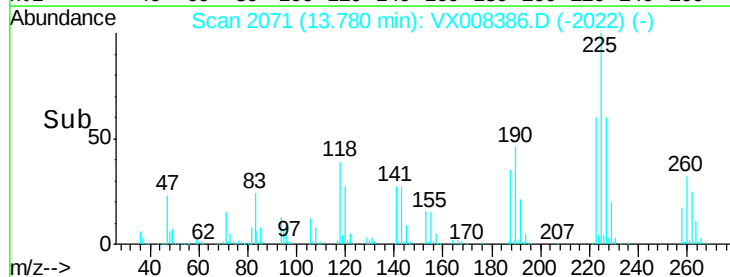
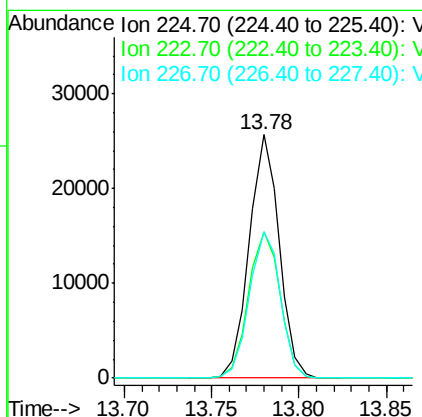
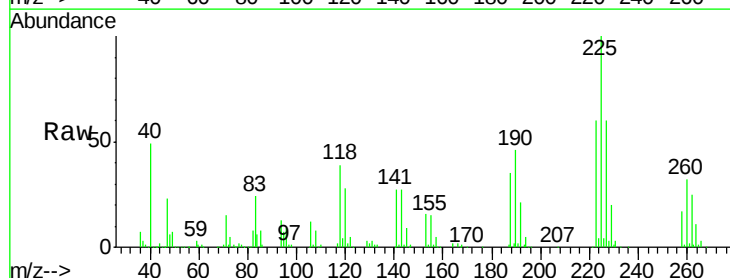
Manual Integrations
 APPROVED

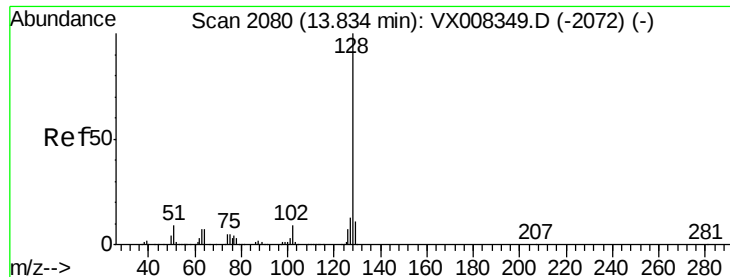
MMDadoda
 3/25/2019 11:24:23 AM



#94
 Hexachlorobutadiene
 Concen: 19.332 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008386.D
 Acq: 24 Mar 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30767		
223	63.5	31.1	93.2	
227	62.3	32.0	96.0	





#95

Naphthalene

Concen: 20.201 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Instrument :

MSVOA_X

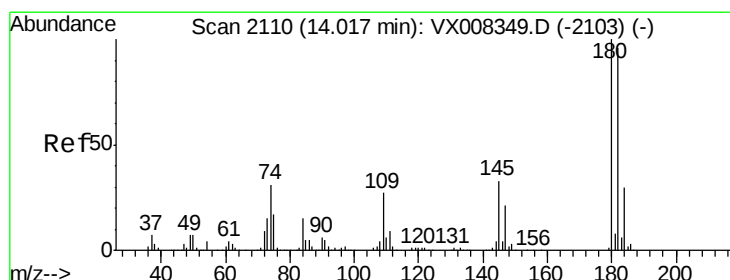
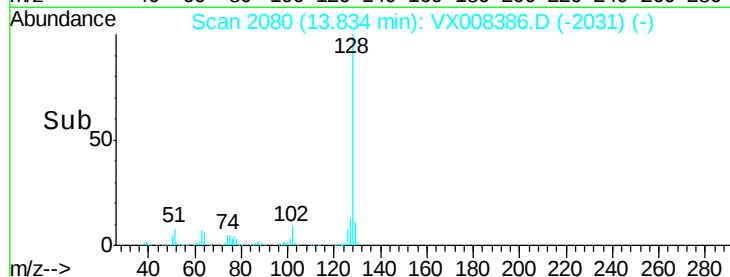
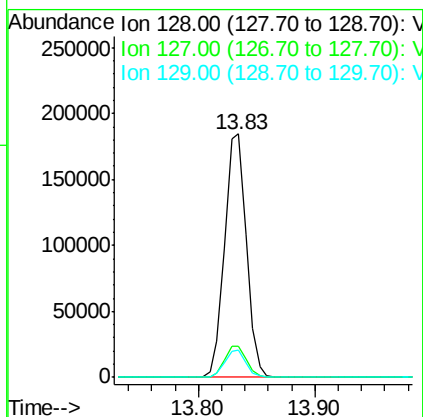
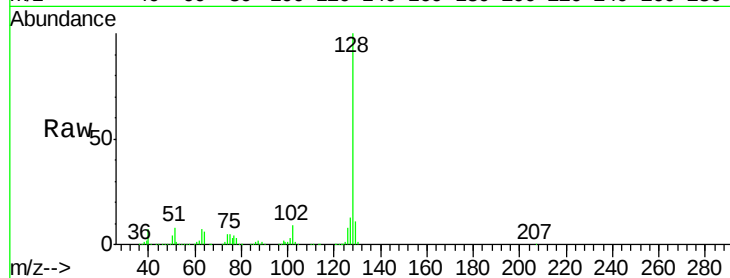
ClientSampleId :

VX0324WBSD01

Tot Ion:	128	Resp:	238895
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/25/2019 11:24:23 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.974 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008386.D

Acq: 24 Mar 2019 12:59

Tgt Ion:	180	Resp:	67874
Ion Ratio		Lower	Upper
180	100		
182	93.6	47.5	142.5
145	32.3	14.8	44.3

