

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002324.D
 Acq On : 06 Jun 2018 00:24
 Operator : JC/MD
 Sample : VX0605WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/6/2018 4:10:46 PM

Quant Time: Jun 06 06:50:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157921	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	5.51	113	115990	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
50) Toluene-d8	8.72	98	430520	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	
62) 4-Bromofluorobenzene	11.14	95	161726	41.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30709	14.398	ug/l	100
3) Chloromethane	1.32	50	55377	20.994	ug/l	100
4) Vinyl Chloride	1.41	62	51493	19.156	ug/l	98
5) Bromomethane	1.64	94	38537	23.568	ug/l	98
6) Chloroethane	1.72	64	37298	21.450	ug/l	99
7) Trichlorofluoromethane	1.93	101	72252	17.641	ug/l	98
8) Diethyl Ether	2.19	74	38601	25.340	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35297	15.970	ug/l	99
10) Methyl Iodide	2.51	142	66573	21.415	ug/l	100
11) Tert butyl alcohol	3.07	59	83144	128.663	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42371	19.398	ug/l	99
13) Acrolein	2.30	56	35063	115.092	ug/l	99
14) Allyl chloride	2.73	41	94553	19.947	ug/l	100
15) Acrylonitrile	3.15	53	164112	126.644	ug/l	99
16) Acetone	2.45	43	155497	112.699	ug/l	100
17) Carbon Disulfide	2.57	76	93518	16.244	ug/l	97
18) Methyl Acetate	2.78	43	79284	25.659	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	197366	24.740	ug/l	99
20) Methylene Chloride	2.86	84	59212	24.091	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	49594	20.589	ug/l	99
22) Diisopropyl ether	3.87	45	177372	21.552	ug/l	92
23) Vinyl Acetate	3.83	43	765320	99.595	ug/l	100
24) 1,1-Dichloroethane	3.70	63	101753	21.719	ug/l	98
25) 2-Butanone	4.71	43	209352	104.064	ug/l	98
26) 2,2-Dichloropropane	4.59	77	49668	13.562	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	53169	20.297	ug/l	97
28) Bromochloromethane	5.03	49	48376	22.307	ug/l	99
29) Tetrahydrofuran	5.17	42	137215	105.789	ug/l	99
30) Chloroform	5.22	83	94902	20.992	ug/l	96
31) Cyclohexane	5.58	56	54798	14.792	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	70824	18.473	ug/l	99
36) 1,1-Dichloropropene	5.81	75	57071	16.154	ug/l	98
37) Ethyl Acetate	4.87	43	84133	19.802	ug/l	99
38) Carbon Tetrachloride	5.79	117	56220	15.211	ug/l	98

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Manual Integrations
 APPROVED

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 6/6/2018 4:10:46 PM

Quant Time: Jun 06 06:50:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	50485	11.768	ug/l	96
40) Benzene	6.15	78	202877	18.728	ug/l	98
41) Methacrylonitrile	5.07	41	46736	19.215	ug/l	98
42) 1,2-Dichloroethane	6.20	62	86242	20.038	ug/l	100
43) Isopropyl Acetate	6.47	43	134841	18.685	ug/l	99
44) Trichloroethene	7.22	130	54699	18.194	ug/l	94
45) 1,2-Dichloropropane	7.52	63	53374	18.251	ug/l	99
46) Dibromomethane	7.66	93	38384	19.362	ug/l	98
47) Bromodichloromethane	7.90	83	62967	17.561	ug/l	96
48) Methyl methacrylate	7.78	41	67724	18.683	ug/l	98
49) 1,4-Dioxane	7.76	88	28393	418.910	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	444151	98.830	ug/l	99
52) Toluene	8.79	92	129530	18.800	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	73862	17.178	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	66049	16.282	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56460	19.925	ug/l	99
56) Ethyl methacrylate	9.18	69	83879	18.541	ug/l	99
57) 1,3-Dichloropropane	9.38	76	93938	19.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	196983	94.074	ug/l	100
59) 2-Hexanone	9.50	43	336307	96.883	ug/l	99
60) Dibromochloromethane	9.59	129	49685	17.432	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57399	19.427	ug/l	100
64) Tetrachloroethene	9.34	164	58034	16.794	ug/l	98
65) Chlorobenzene	10.14	112	150558	18.058	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52107	17.260	ug/l	99
67) Ethyl Benzene	10.26	91	244855	17.549	ug/l	99
68) m/p-Xylenes	10.37	106	189771	34.988	ug/l	100
69) o-Xylene	10.70	106	95471	17.688	ug/l	100
70) Styrene	10.72	104	158386	17.950	ug/l	100
71) Bromoform	10.86	173	37020	16.203	ug/l #	96
73) Isopropylbenzene	11.02	105	244314	17.588	ug/l	100
74) N-amyl acetate	6.47	43	134841	18.016	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81410	18.634	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	79214m	18.079	ug/l	
77) Bromobenzene	11.26	156	71896	18.437	ug/l	99
78) n-propylbenzene	11.37	91	269455	17.453	ug/l	100
79) 2-Chlorotoluene	11.43	91	172718	17.717	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	209230	17.561	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16706	13.365	ug/l #	84
82) 4-Chlorotoluene	11.51	91	200349	17.805	ug/l	100
83) tert-Butylbenzene	11.77	119	195135	16.819	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	220393	17.970	ug/l	99
85) sec-Butylbenzene	11.95	105	229651	16.884	ug/l	100
86) p-Isopropyltoluene	12.07	119	208323	16.815	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	124125	17.802	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	125895	17.517	ug/l	99
89) n-Butylbenzene	12.39	91	166901	16.063	ug/l	99
90) Hexachloroethane	12.60	117	29003	14.665	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	132052	18.304	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16439	17.207	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

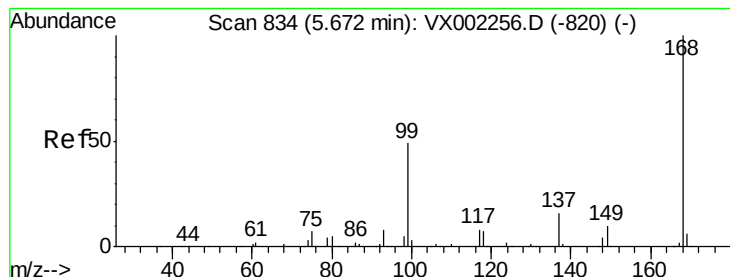
Manual Integrations
APPROVED

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6/6/2018 4:10:46 PM

Quant Time: Jun 06 06:50:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86329	17.066	ug/l	99
94) Hexachlorobutadiene	13.79	225	38111	15.246	ug/l	100
95) Naphthalene	13.84	128	271966	18.712	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94060	18.232	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion:168 Resp: 205178

Ion Ratio Lower Upper

168 100

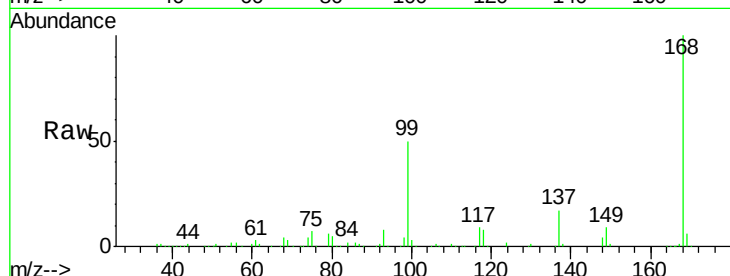
99 49.9 39.3 58.9

Manual Integrations

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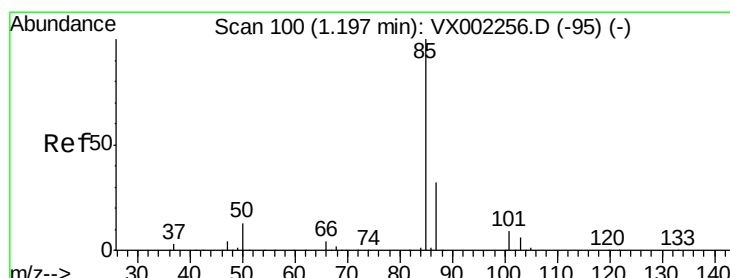
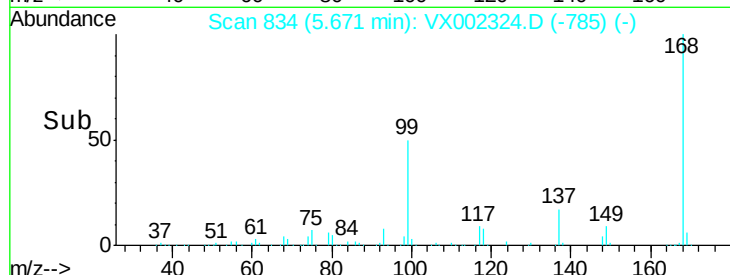
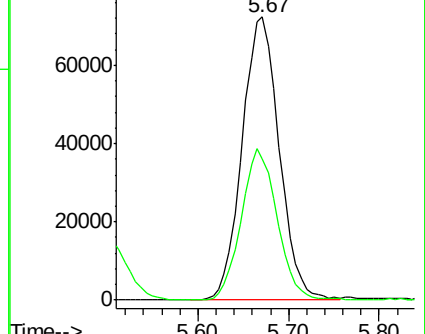
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 14.398 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002324.D

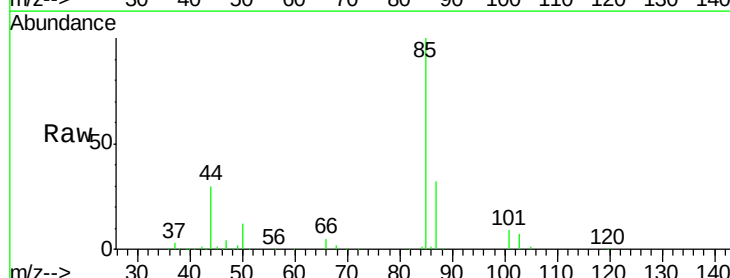
Acq: 06 Jun 2018 00:24

Tgt Ion: 85 Resp: 30709

Ion Ratio Lower Upper

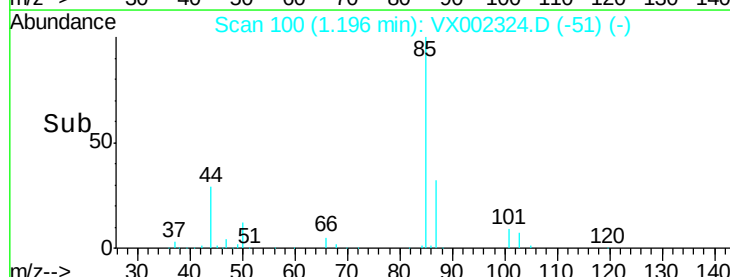
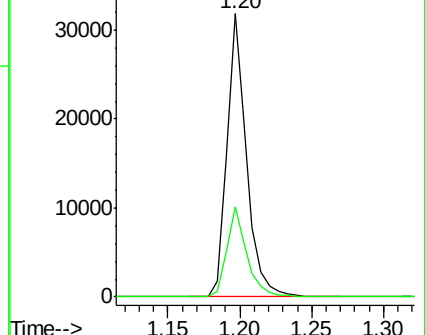
85 100

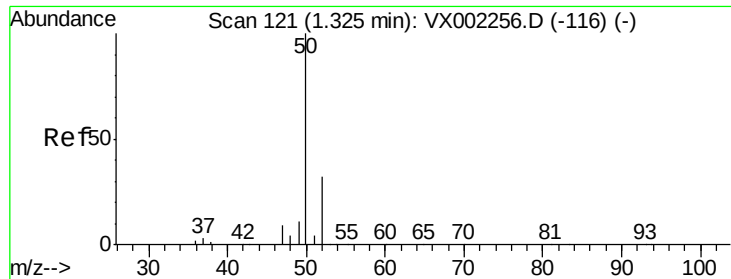
87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.994 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion: 50 Resp: 55377

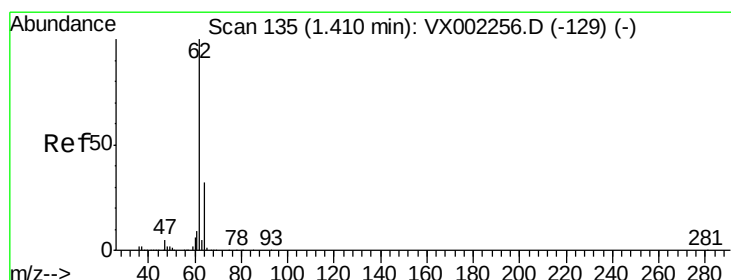
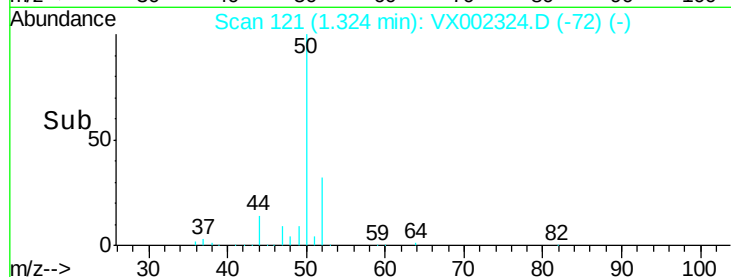
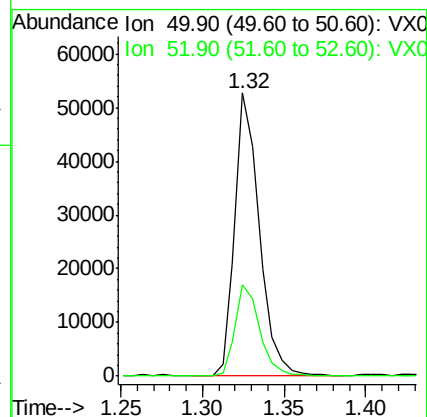
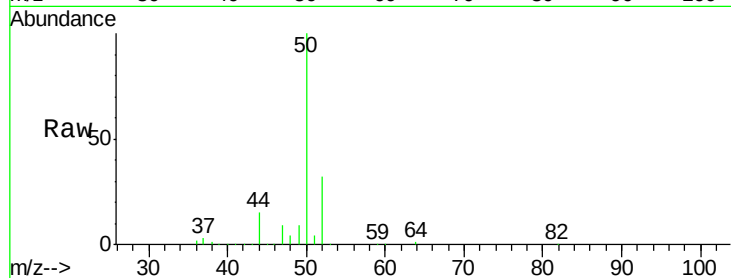
Ion Ratio Lower Upper

50 100

52 32.1 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.156 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002324.D

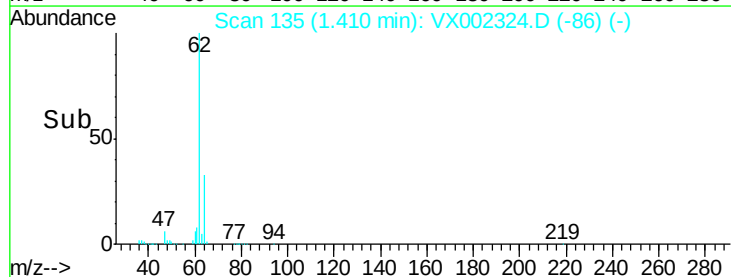
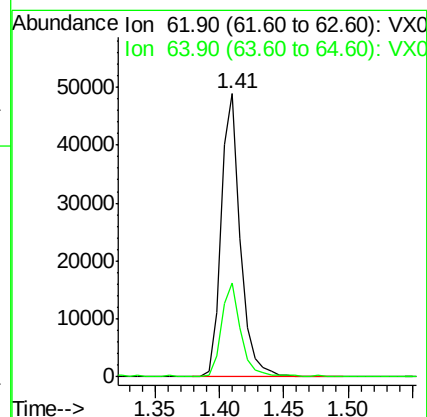
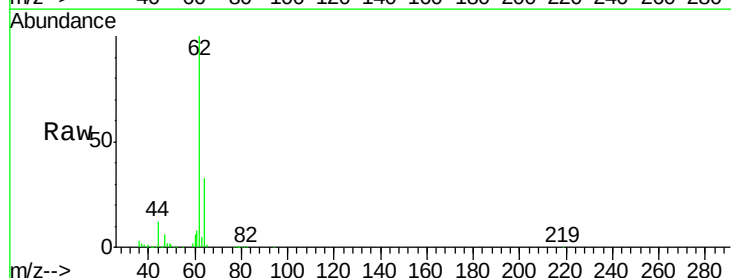
Acq: 06 Jun 2018 00:24

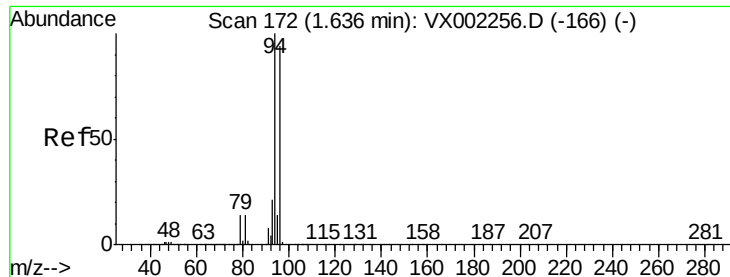
Tgt Ion: 62 Resp: 51493

Ion Ratio Lower Upper

62 100

64 32.9 25.4 38.2





#5

Bromomethane

Concen: 23.568 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion: 94 Resp: 38537

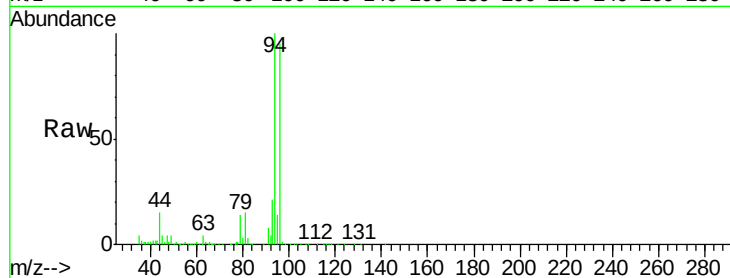
Ion Ratio Lower Upper

94 100

96 95.5 74.9 112.3

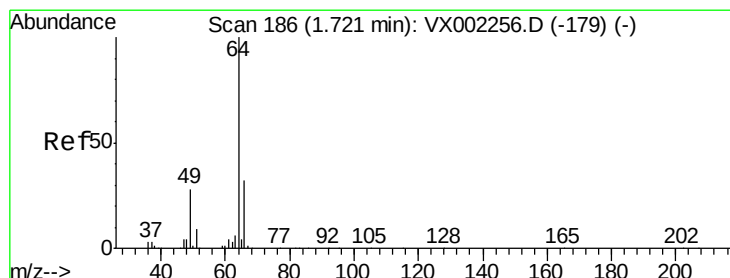
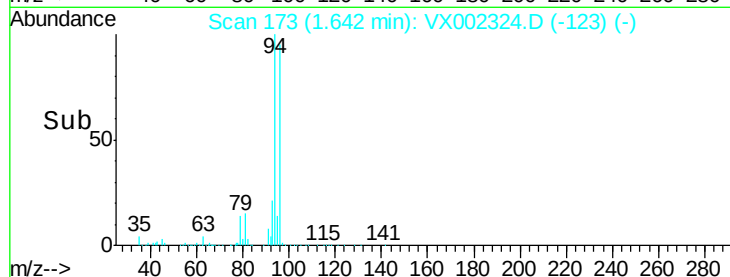
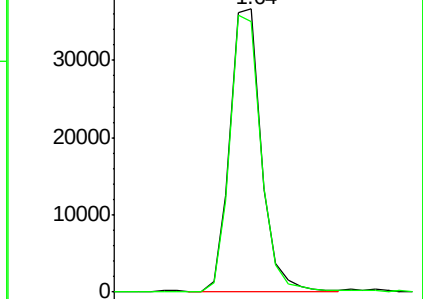
Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.450 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002324.D

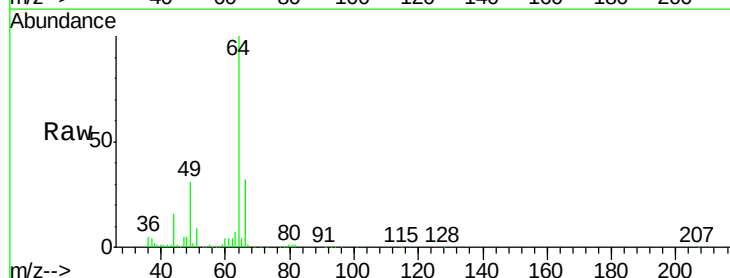
Acq: 06 Jun 2018 00:24

Tgt Ion: 64 Resp: 37298

Ion Ratio Lower Upper

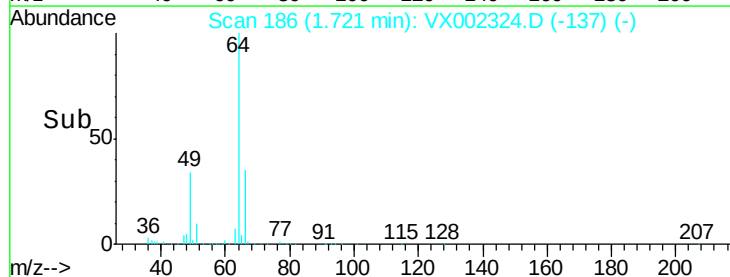
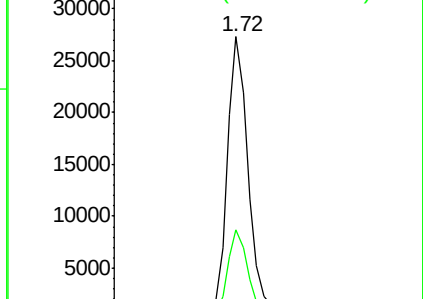
64 100

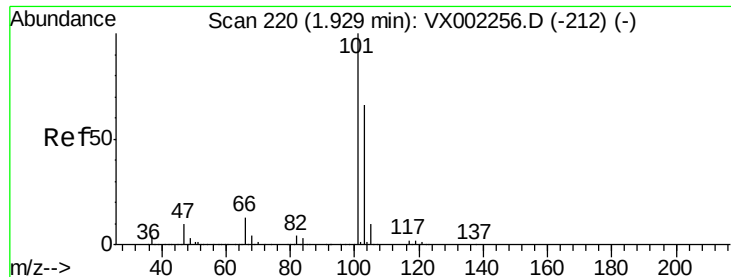
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

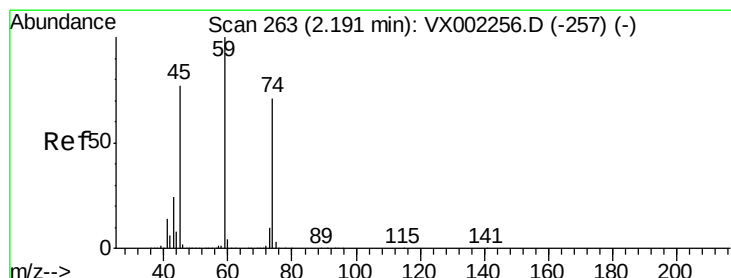
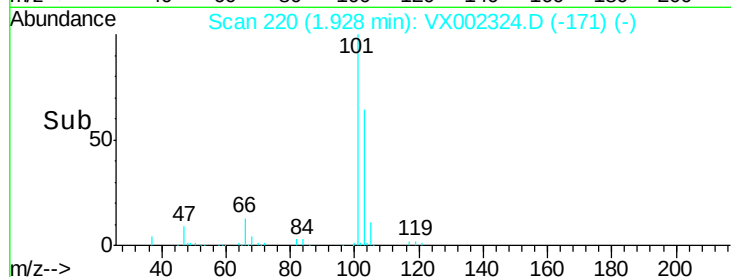
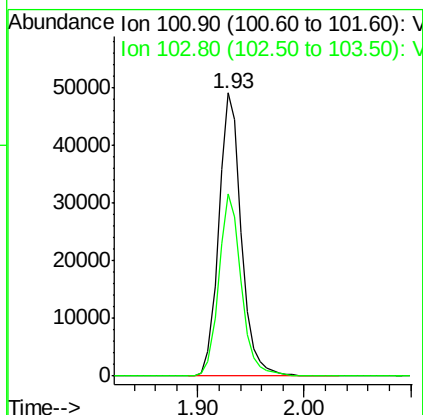
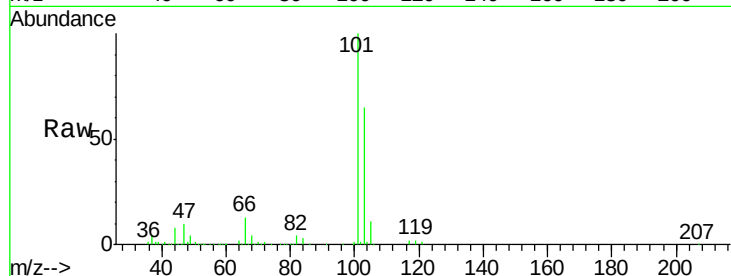
Trichlorofluoromethane
Concen: 17.641 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

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ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.8	79.2

Manual Integrations
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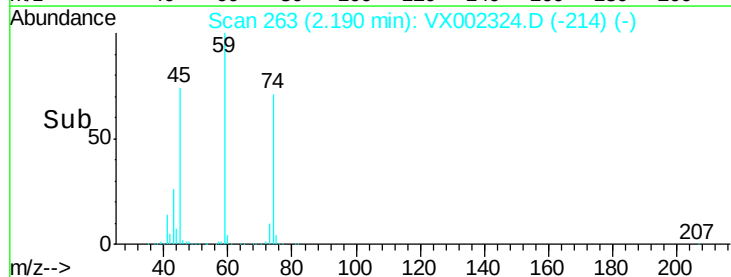
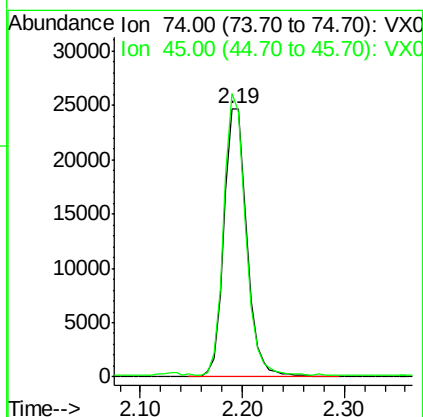
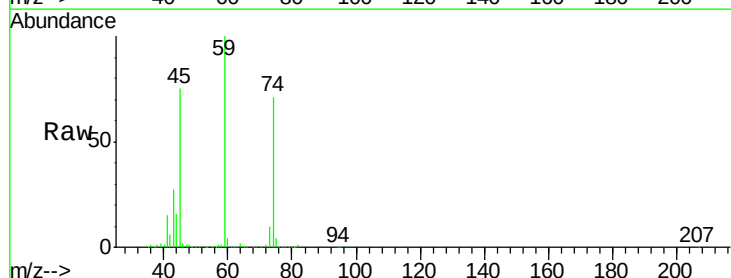
MMDadoda
6/6/2018 4:10:46 PM

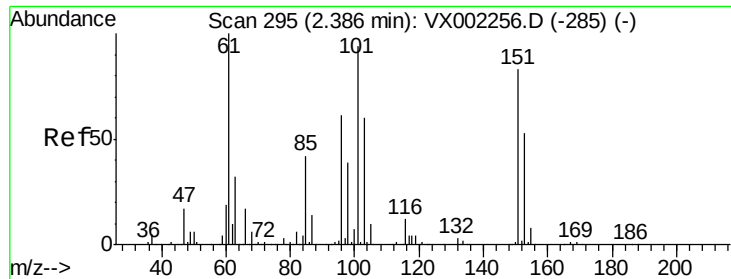


#8

Diethyl Ether
Concen: 25.340 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.970 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

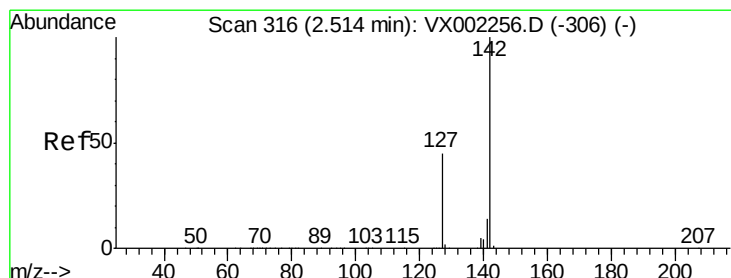
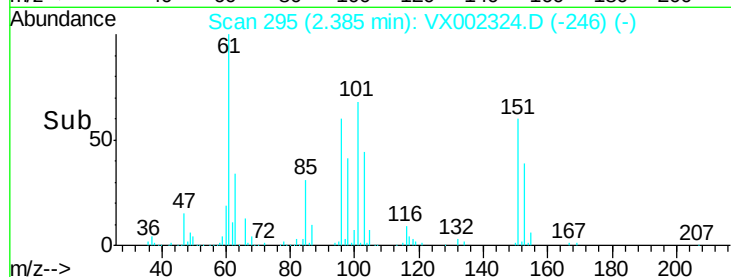
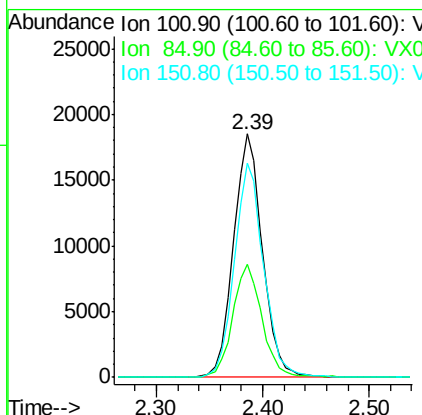
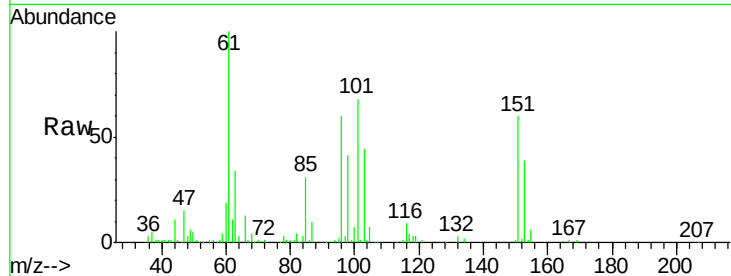
ClientSampleId :

VX0605WBSD02

Tot Ion:	101	Resp:	35297
Ion Ratio	Lower	Upper	
101	100		
85	46.7	36.0	54.0
151	89.0	70.9	106.3

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:46 PM



#10

Methyl Iodide

Concen: 21.415 ug/l

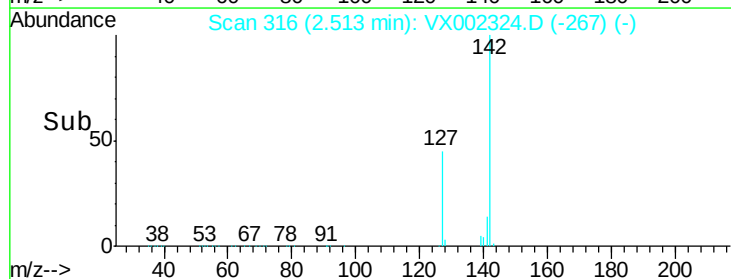
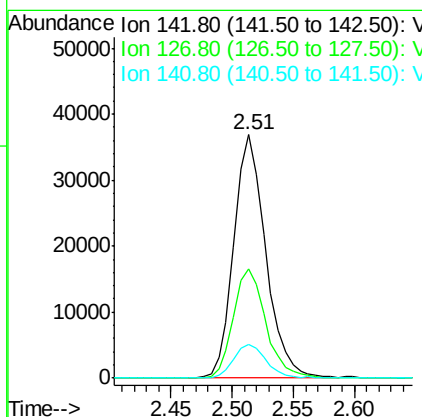
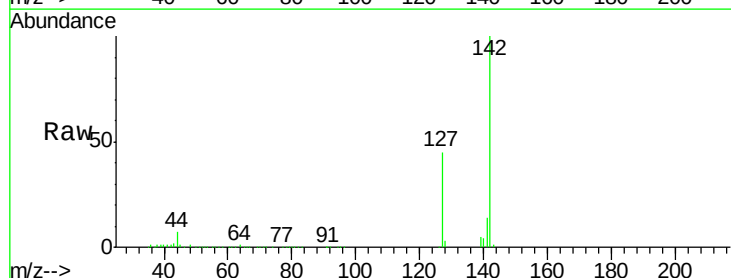
RT: 2.51 min Scan# 316

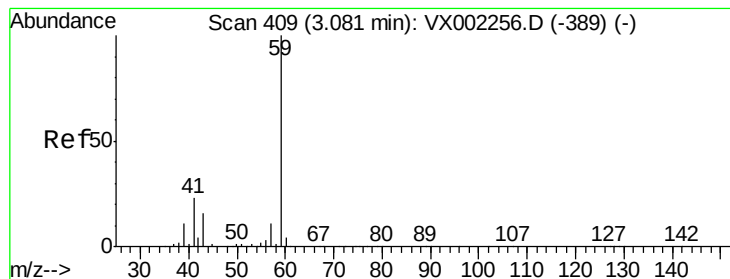
Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion:	142	Resp:	66573
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.6	55.0
141	14.3	11.3	16.9





#11

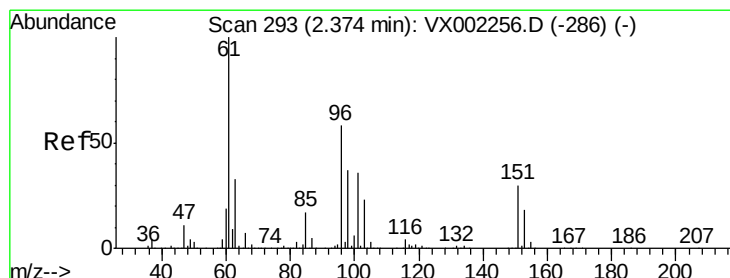
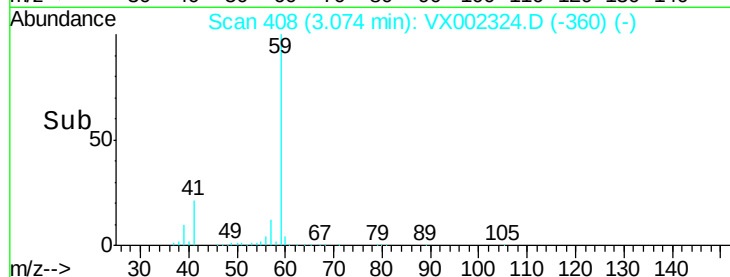
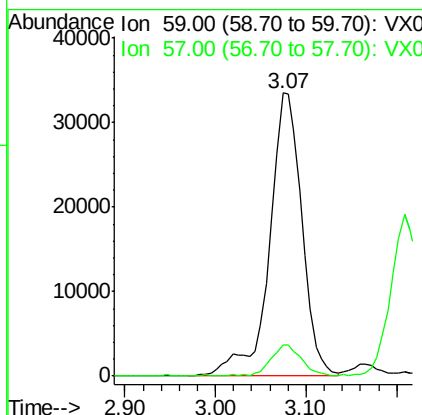
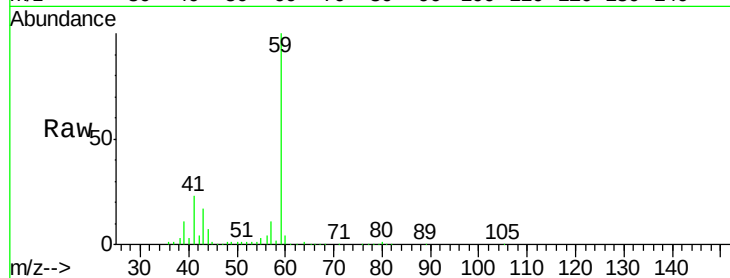
Tert butyl alcohol
 Concen: 128.663 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion	59	57	Ratio	100	10.1	Resp	83144	Lower	8.2	Upper	12.2
Ion	59	57	Ratio	100	10.1	Resp	83144	Lower	8.2	Upper	12.2

Manual Integrations
 APPROVED

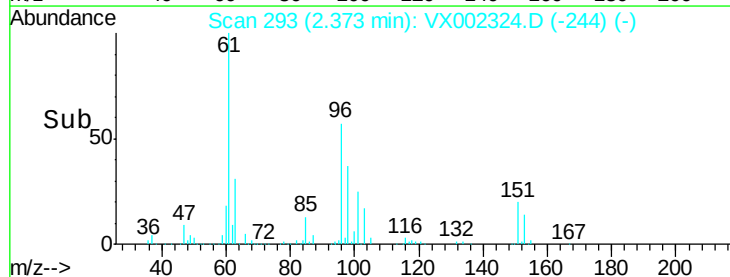
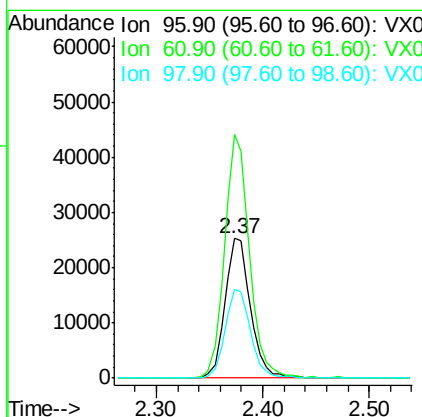
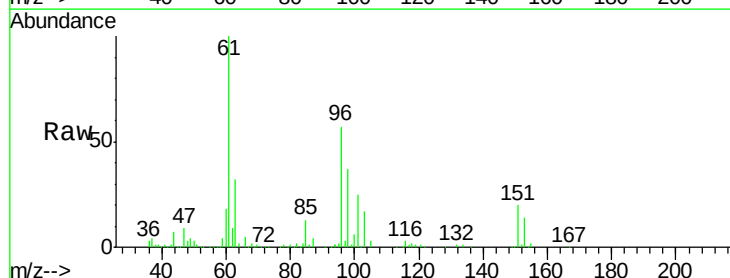
MMDadoda
 6/6/2018 4:10:46 PM

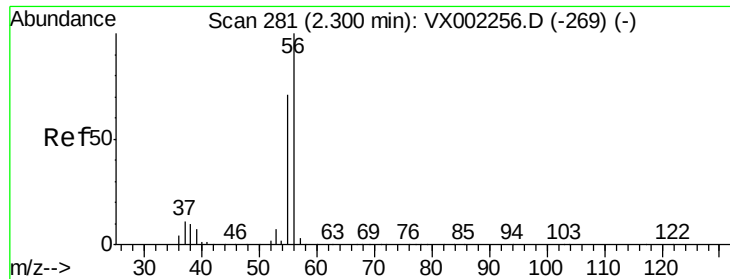


#12

1,1-Dichloroethene
 Concen: 19.398 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion	96	61	98	Ratio	100	174.1	63.7	Resp	42371	Lower	137.9	51.6	Upper	206.9	77.4
Ion	96	61	98	Ratio	100	174.1	63.7	Resp	42371	Lower	137.9	51.6	Upper	206.9	77.4





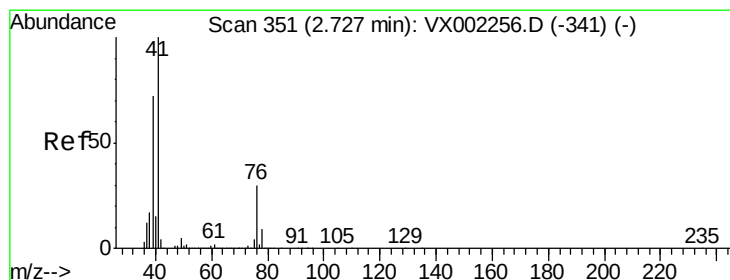
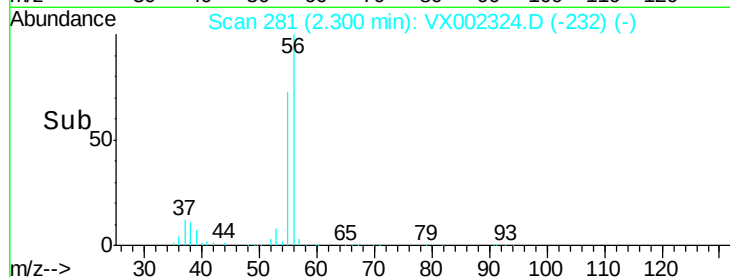
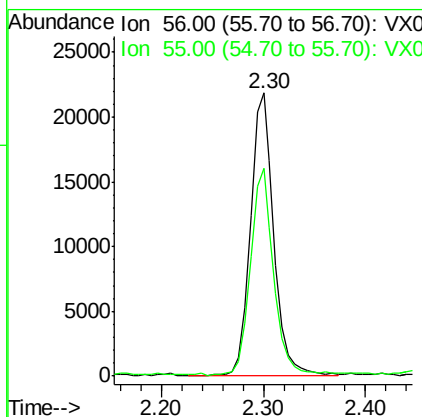
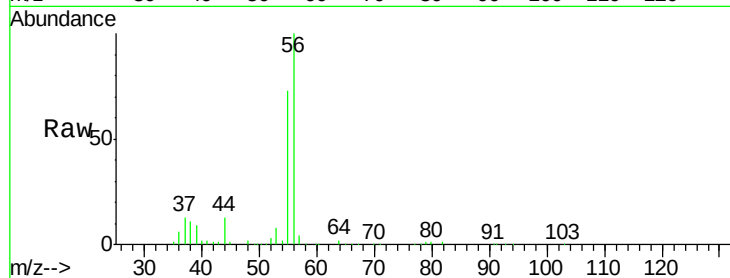
#13
Acrolein
Concen: 115.092 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion: 56 Resp: 35063
Ion Ratio Lower Upper
56 100
55 72.4 57.0 85.4

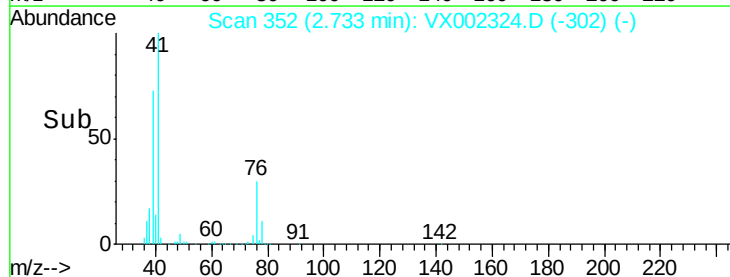
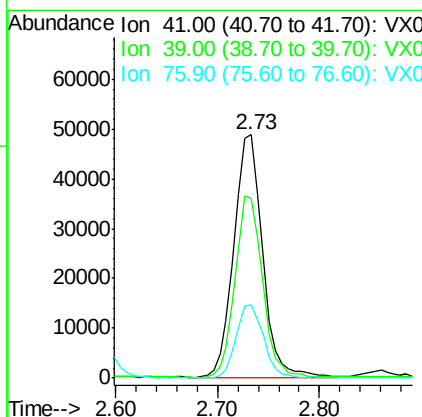
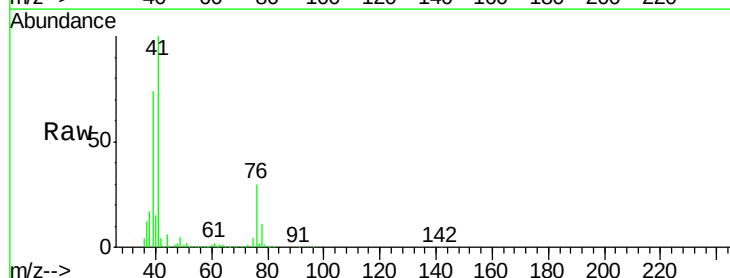
Manual Integrations
APPROVED

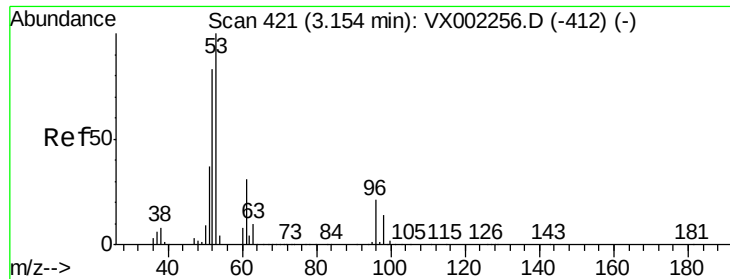
MMDadoda
6/6/2018 4:10:46 PM



#14
Allyl chloride
Concen: 19.947 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 41 Resp: 94553
Ion Ratio Lower Upper
41 100
39 71.0 56.8 85.2
76 29.2 23.8 35.8





#15

Acrylonitrile

Concen: 126.644 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

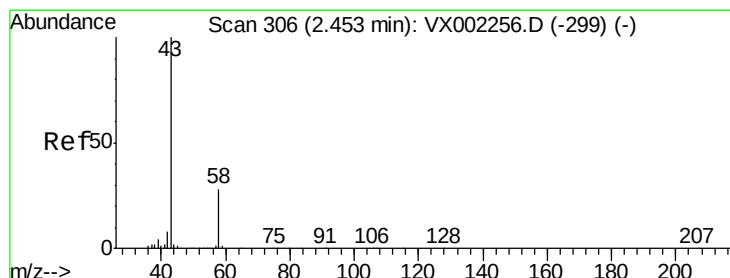
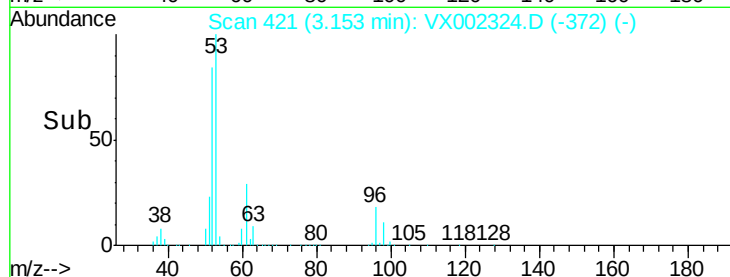
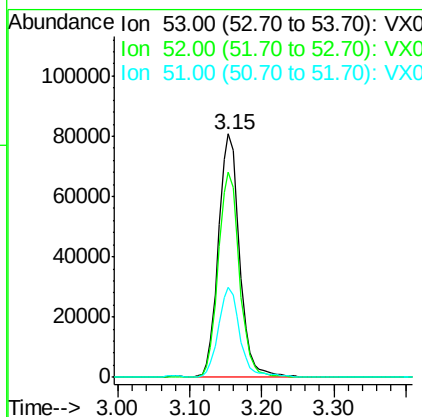
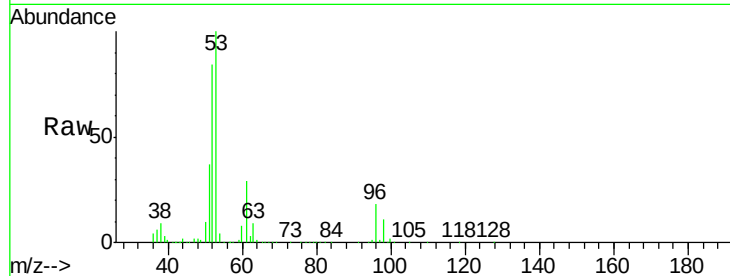
ClientSampleId :

VX0605WBSD02

Tot Ion:	53	Resp:	164112
Ion Ratio		Lower	Upper
53	100		
52	84.3	66.7	100.1
51	37.6	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 112.699 ug/l

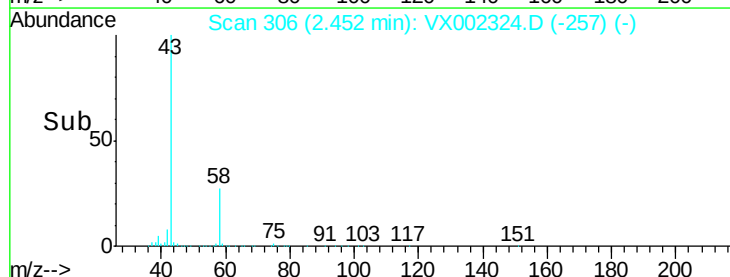
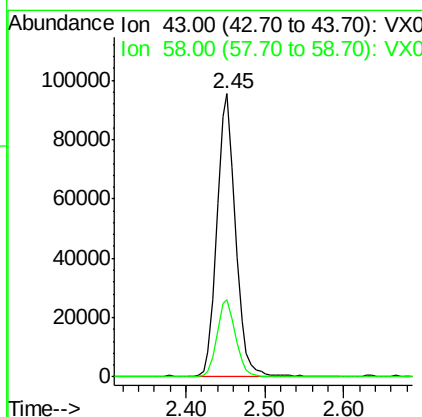
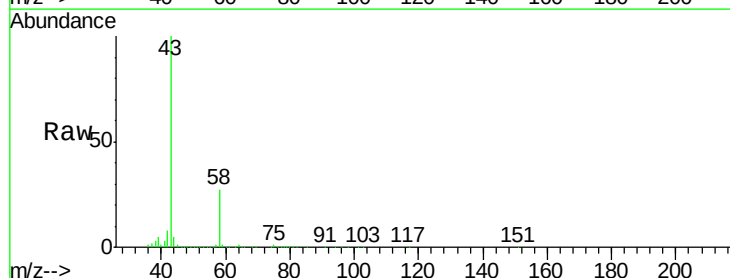
RT: 2.45 min Scan# 306

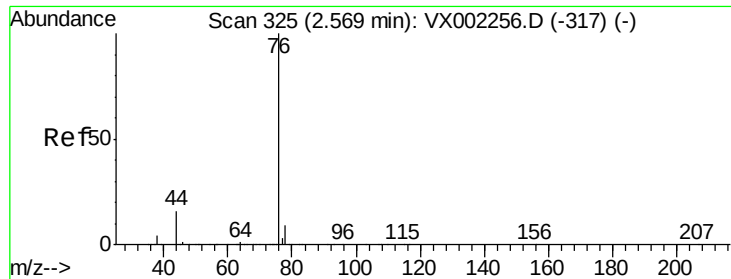
Delta R.T. 0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion:	43	Resp:	155497
Ion Ratio		Lower	Upper
43	100		
58	27.3	22.1	33.1





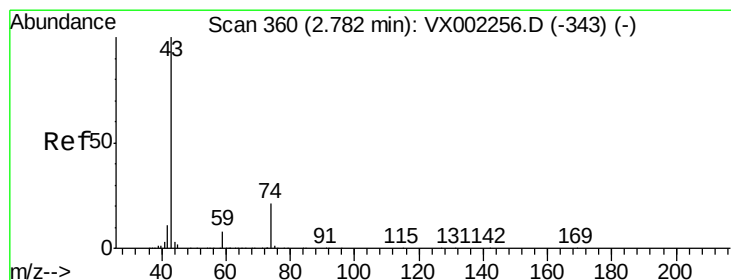
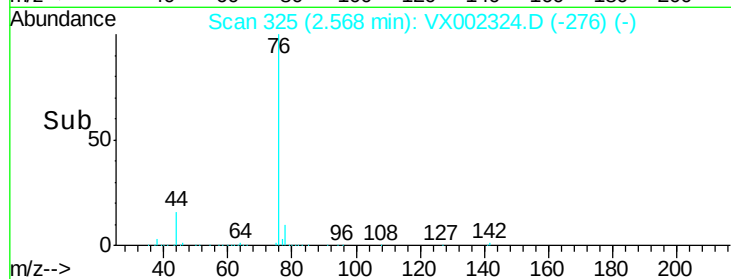
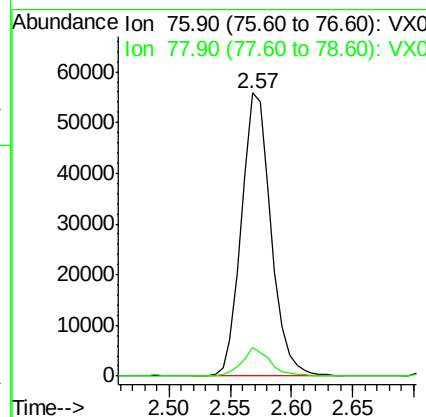
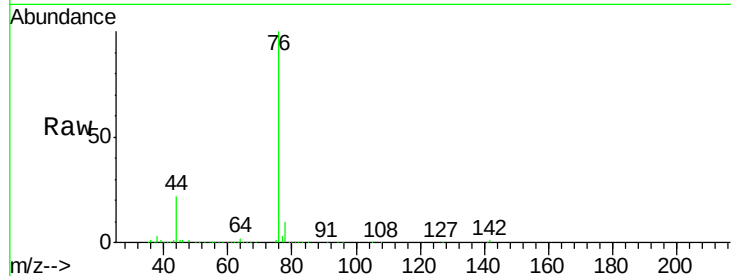
#17
Carbon Disulfide
Concen: 16.244 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.9	10.3

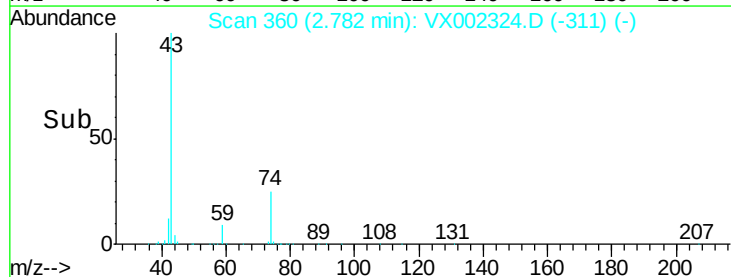
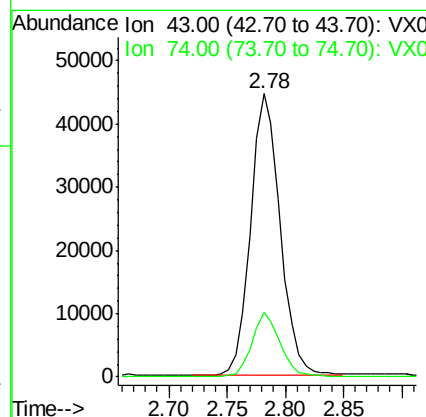
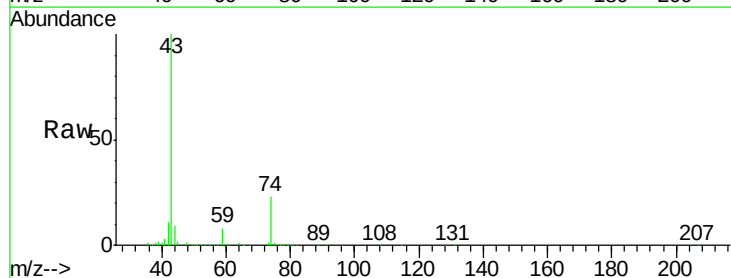
Manual Integrations
APPROVED

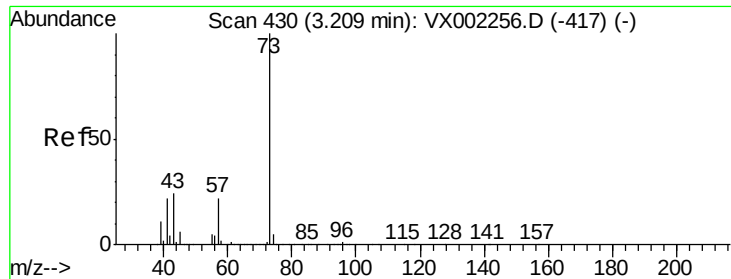
MMDadoda
6/6/2018 4:10:46 PM



#18
Methyl Acetate
Concen: 25.659 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1





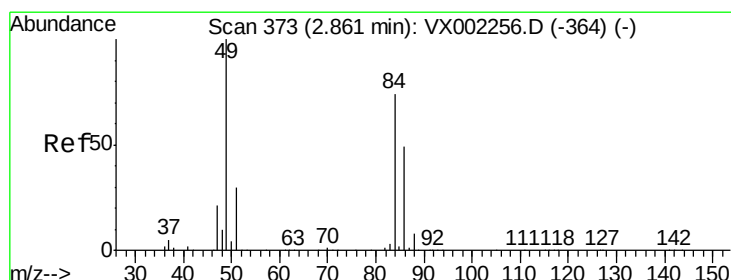
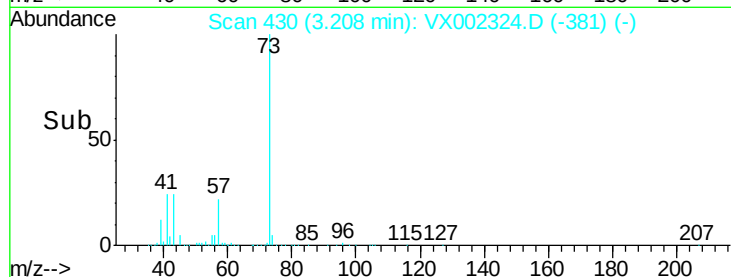
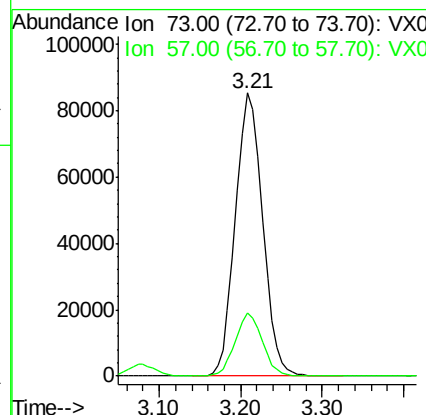
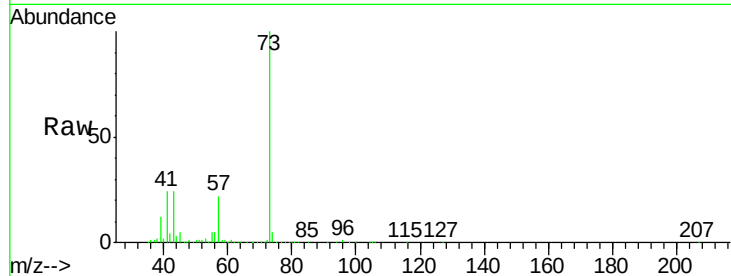
#19
Methyl tert-butyl Ether
Concen: 24.740 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.7	26.5

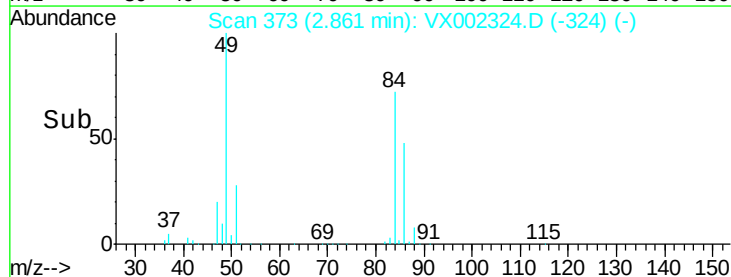
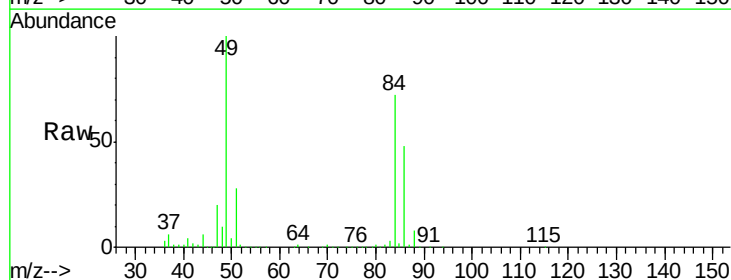
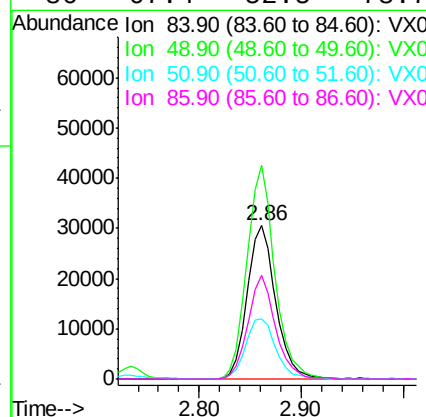
Manual Integrations
APPROVED

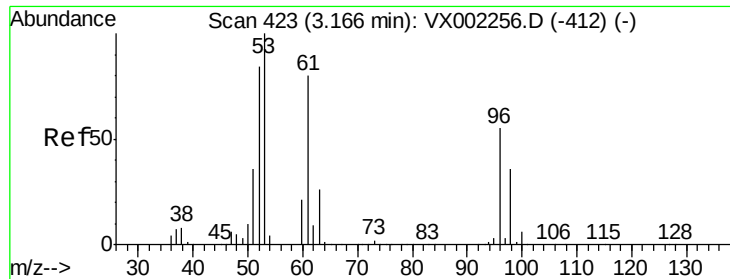
MMDadoda
6/6/2018 4:10:46 PM



#20
Methylene Chloride
Concen: 24.091 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	139.1	107.8	161.6
51	39.1	32.8	49.2
86	67.4	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 20.589 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

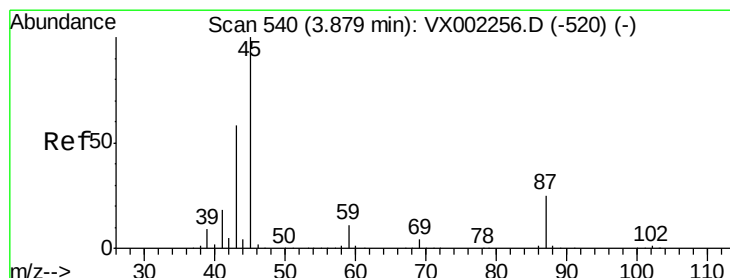
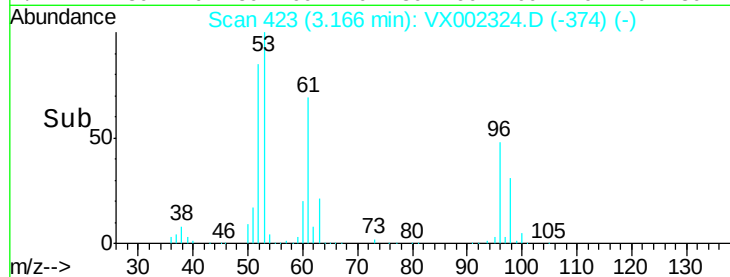
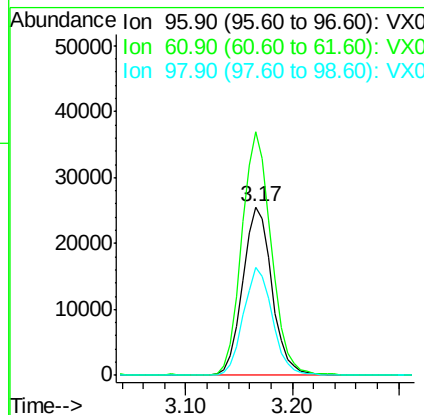
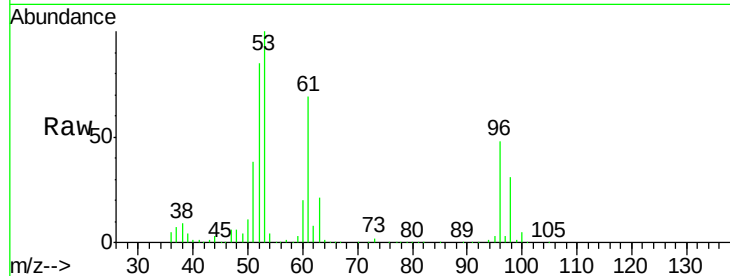
ClientSampleId :

VX0605WBSD02

Tot Ion:	96	Resp:	49594
Ion	Ratio	Lower	Upper
96	100		
61	144.6	117.0	175.4
98	64.1	52.4	78.6

Manual Integrations
APPROVED

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6/6/2018 4:10:46 PM



#22

Diisopropyl ether

Concen: 21.552 ug/l

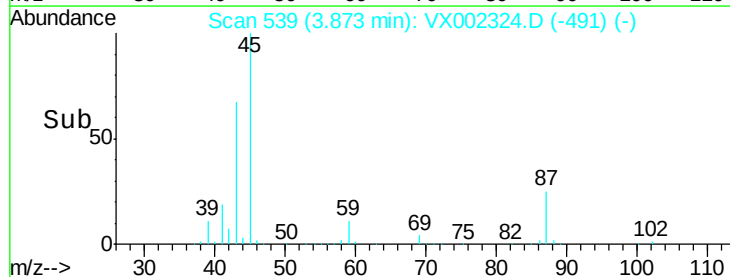
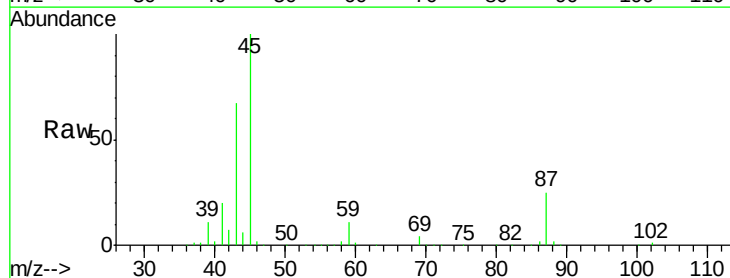
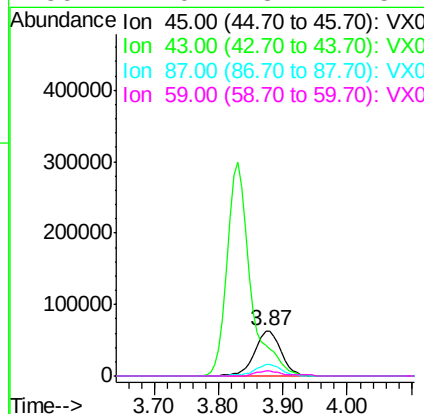
RT: 3.87 min Scan# 539

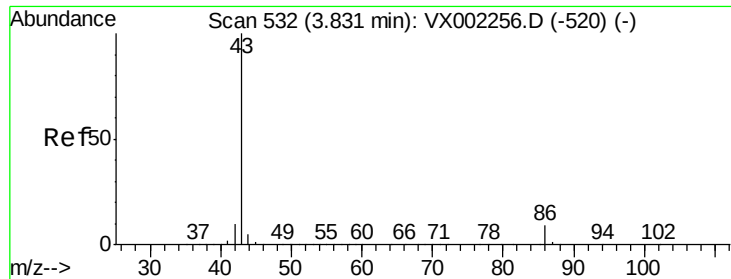
Delta R.T. -0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion:	45	Resp:	177372
Ion	Ratio	Lower	Upper
45	100		
43	67.2	46.8	70.2
87	24.7	20.2	30.4
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 99.595 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion: 43 Resp: 765320

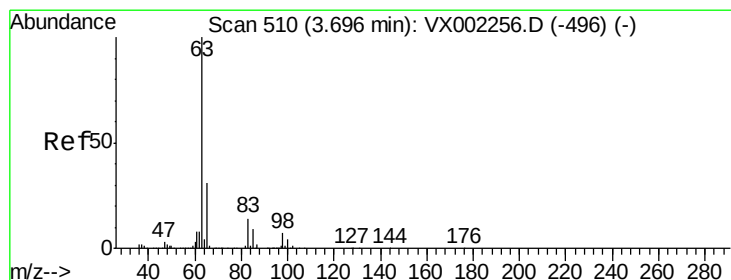
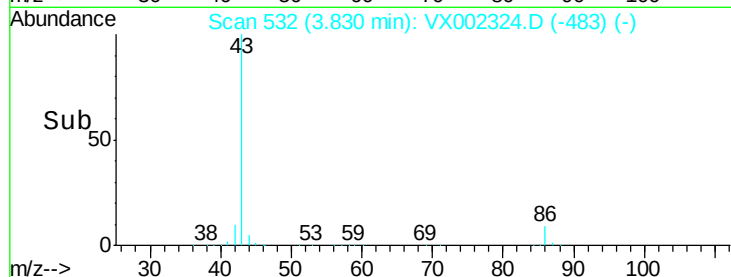
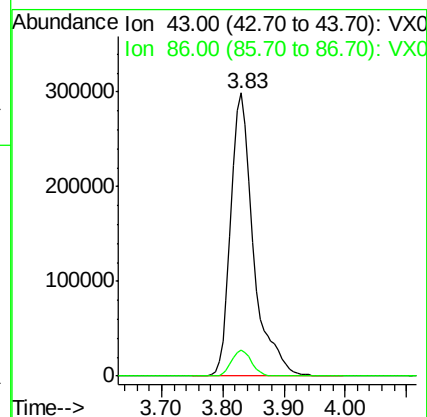
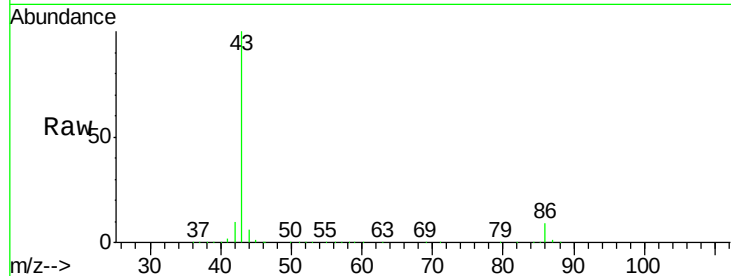
Ion Ratio Lower Upper

43 100

86 9.0 7.4 11.0

Manual Integrations
APPROVED

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#24

1,1-Dichloroethane

Concen: 21.719 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

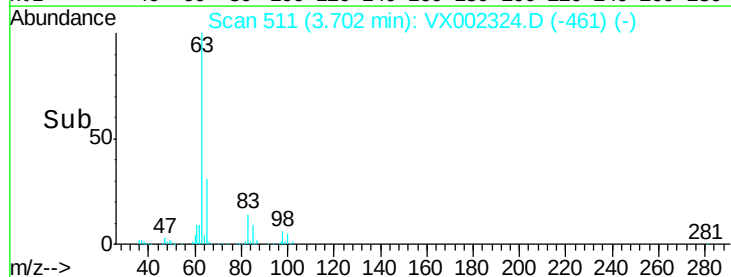
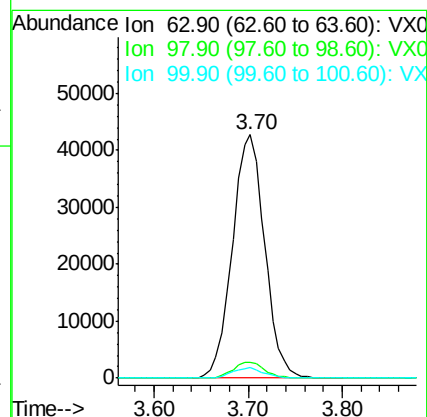
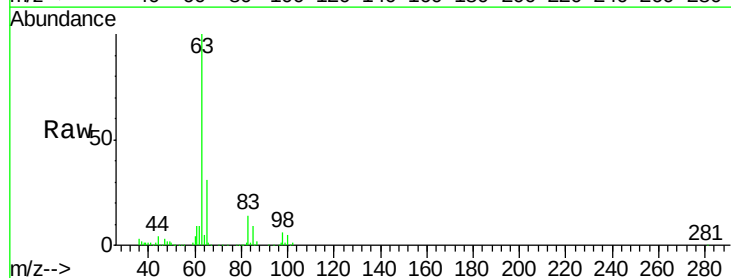
Tgt Ion: 63 Resp: 101753

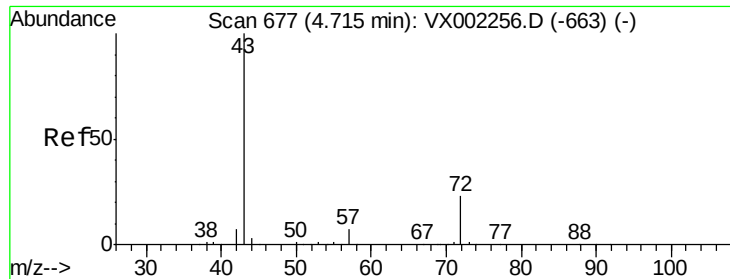
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.5 2.0 6.0





#25

2-Butanone

Concen: 104.064 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion: 43 Resp: 209352

Ion Ratio Lower Upper

43 100

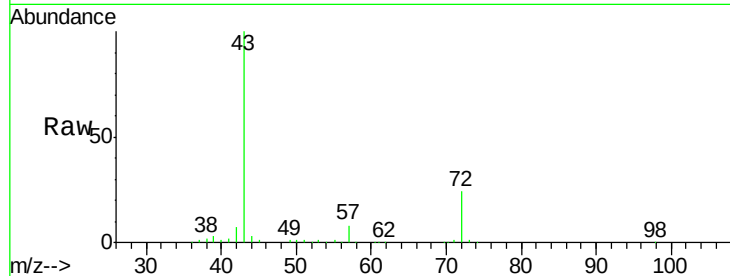
72 23.9 18.5 27.7

Manual Integrations

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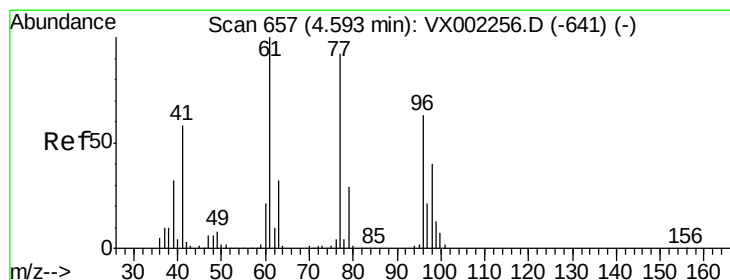
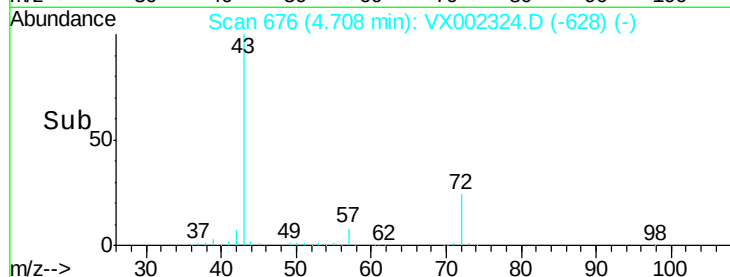
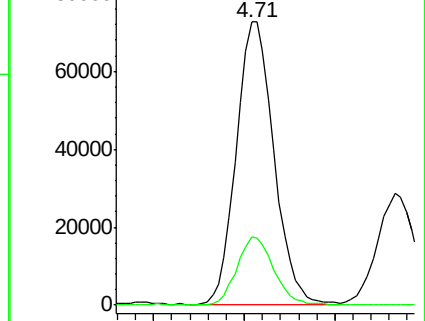
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.562 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002324.D

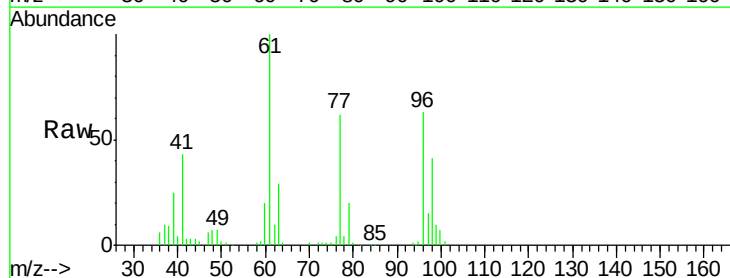
Acq: 06 Jun 2018 00:24

Tgt Ion: 77 Resp: 49668

Ion Ratio Lower Upper

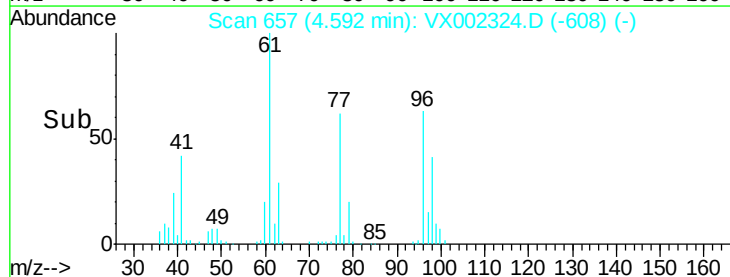
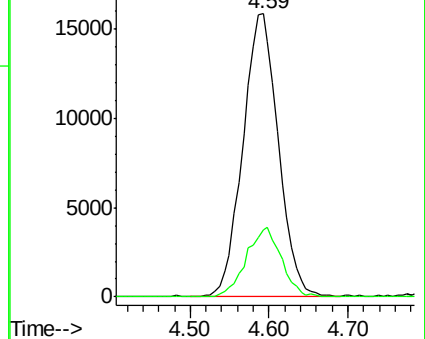
77 100

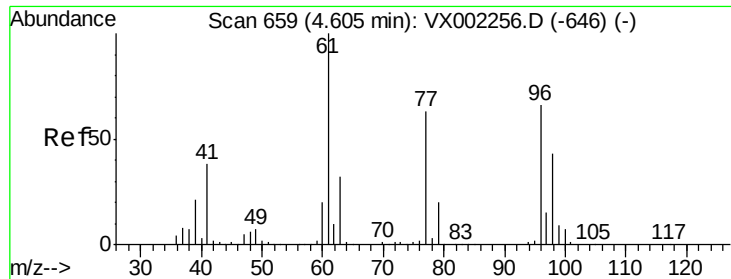
97 24.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

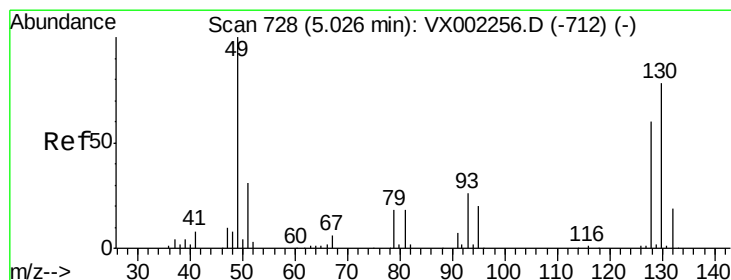
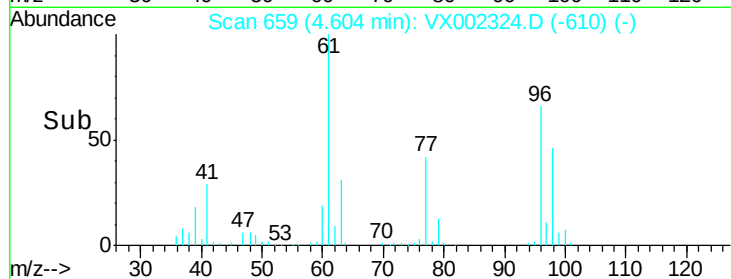
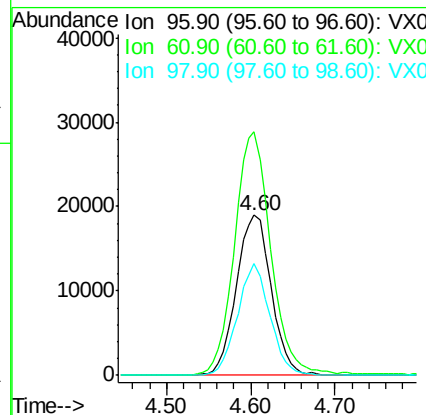
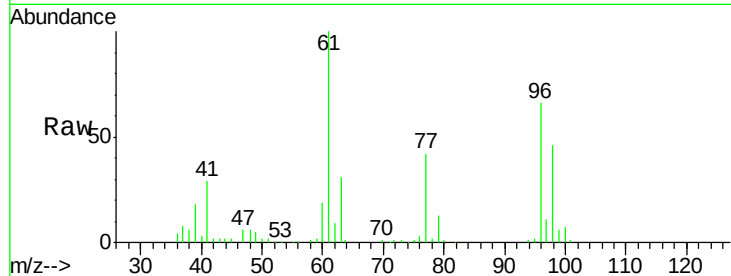
cis-1,2-Dichloroethene
Concen: 20.297 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.5	0.0	330.2
98	64.9	0.0	130.2

Manual Integrations
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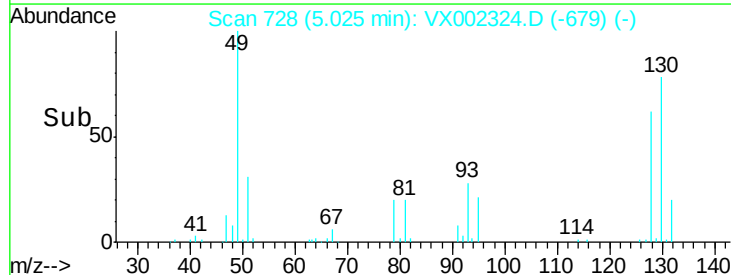
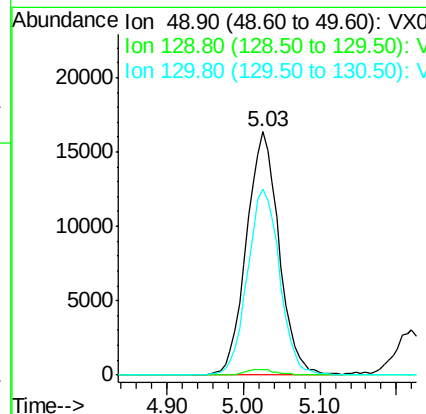
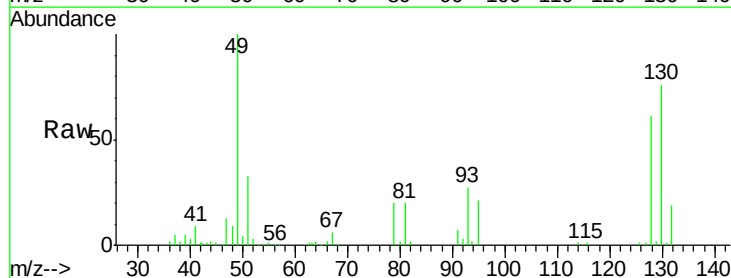
MMDadoda
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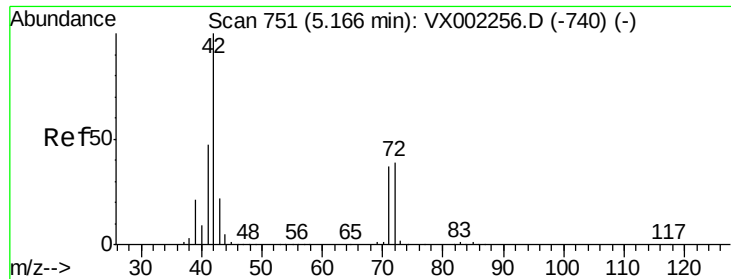


#28

Bromochloromethane
Concen: 22.307 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	75.5	61.2	91.8





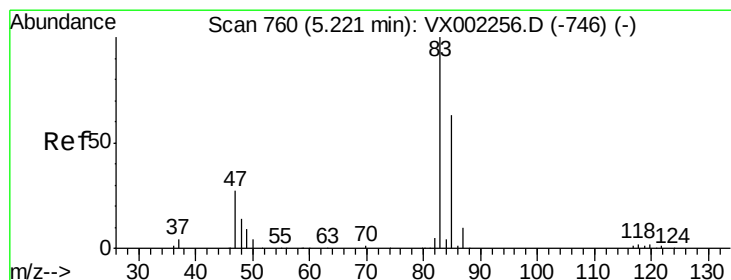
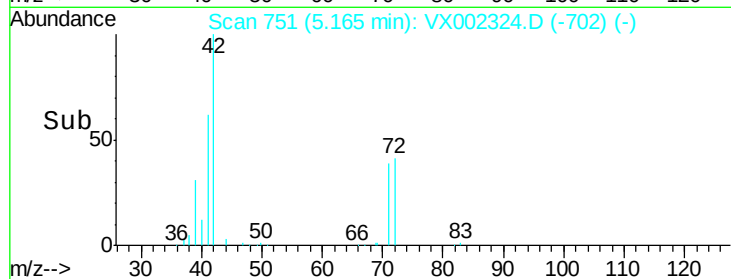
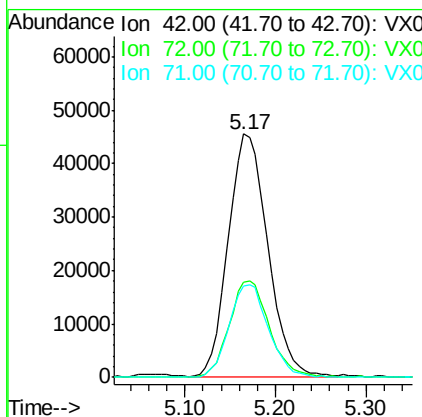
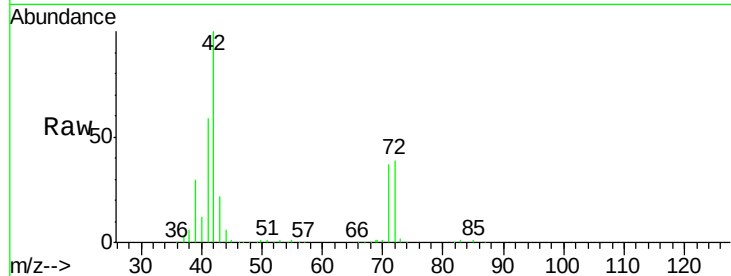
#29
Tetrahydrofuran
Concen: 105.789 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.0	48.0
71	38.3	30.1	45.1

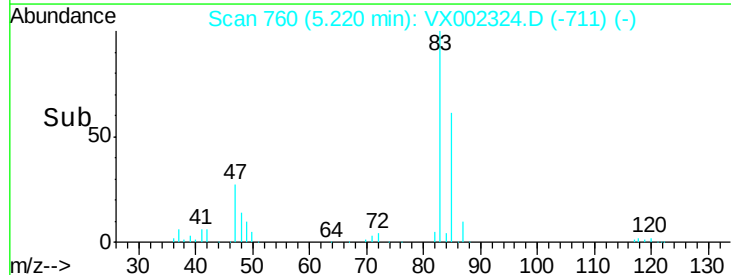
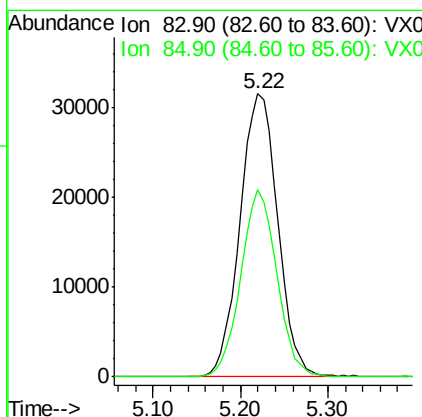
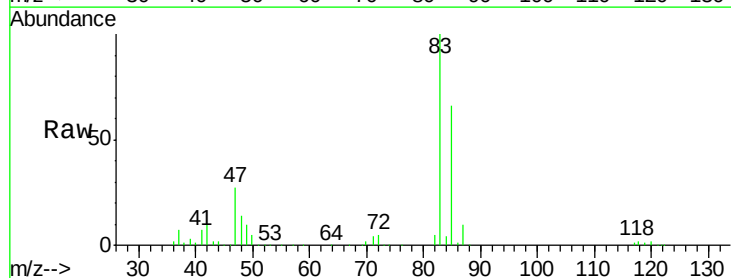
Manual Integrations
APPROVED

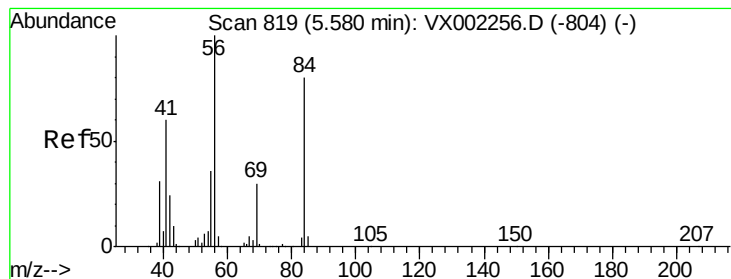
MMDadoda
6/6/2018 4:10:46 PM



#30
Chloroform
Concen: 20.992 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.4	75.6





#31

Cyclohexane

Concen: 14.792 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

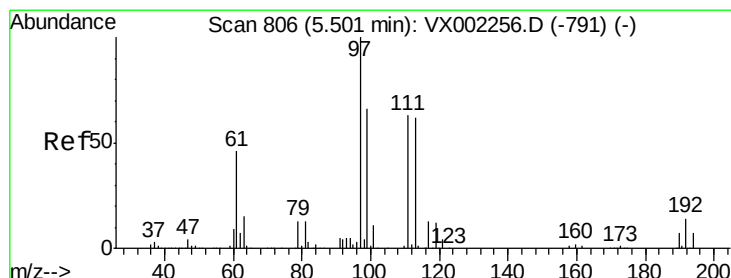
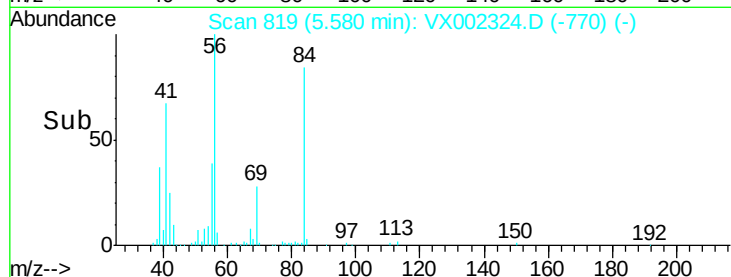
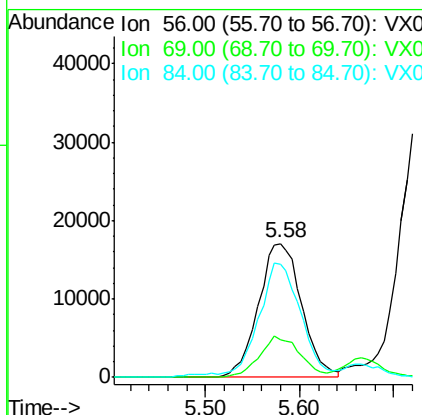
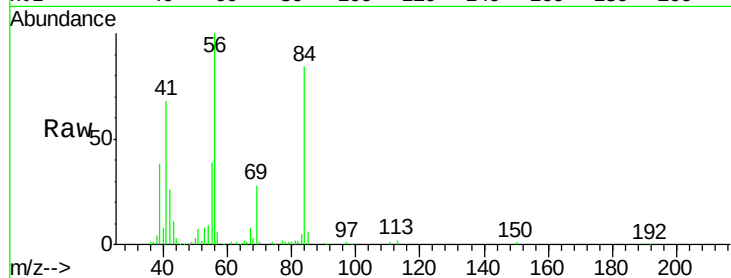
ClientSampleId :

VX0605WBSD02

Tot Ion:	56	Resp:	54798
Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.7	35.5
84	82.5	64.1	96.1

Manual Integrations
APPROVED

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6/6/2018 4:10:46 PM



#32

1,1,1-Trichloroethane

Concen: 18.473 ug/l

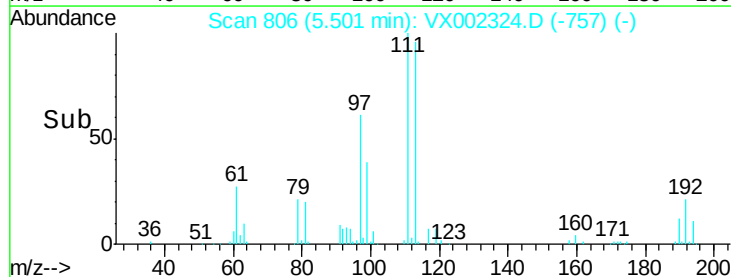
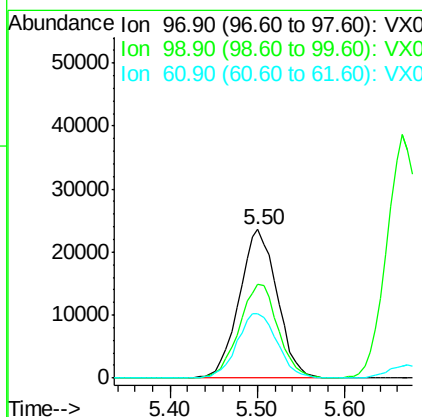
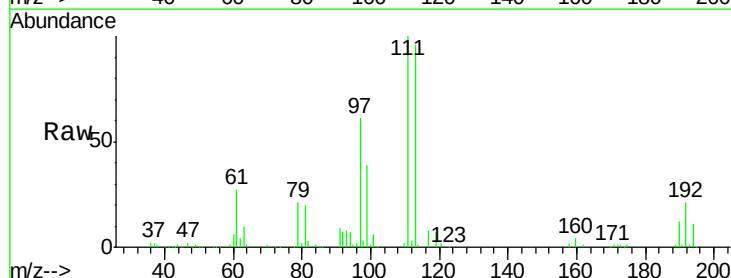
RT: 5.50 min Scan# 806

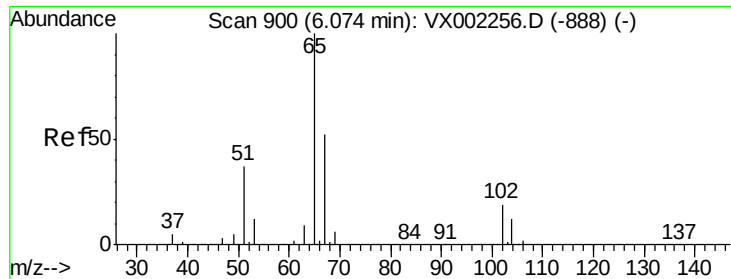
Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion:	97	Resp:	70824
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	46.3	36.4	54.6





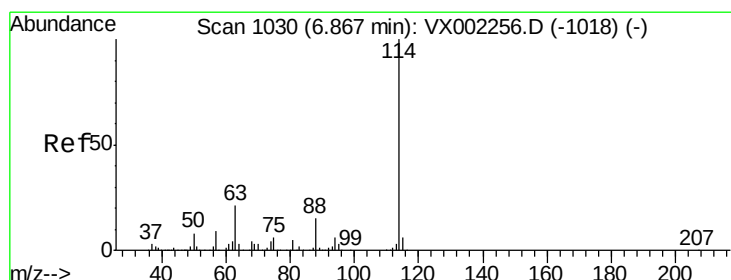
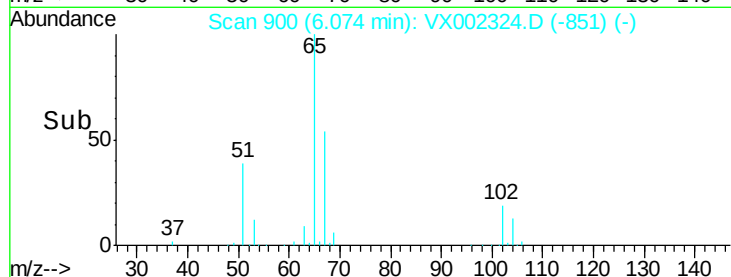
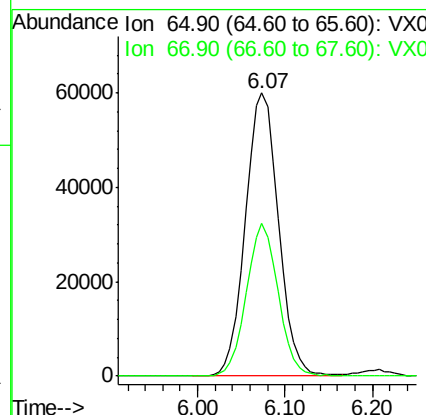
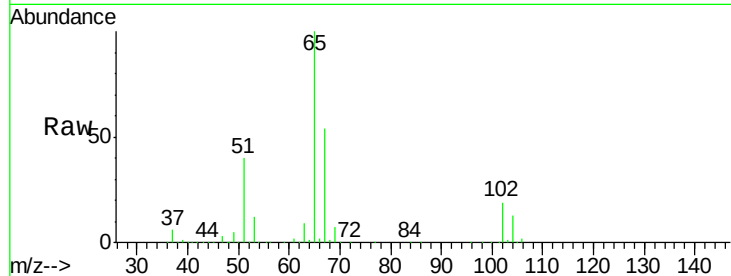
#33
 1,2-Dichloroethane-d4
 Concen: 54.108 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6

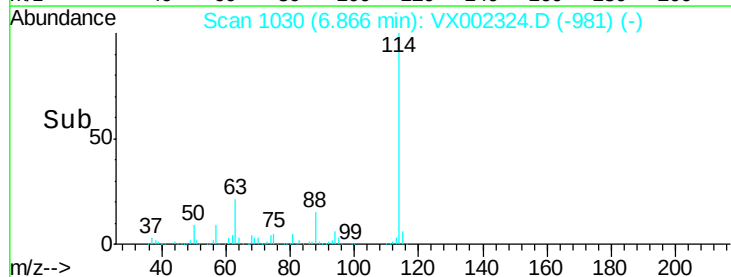
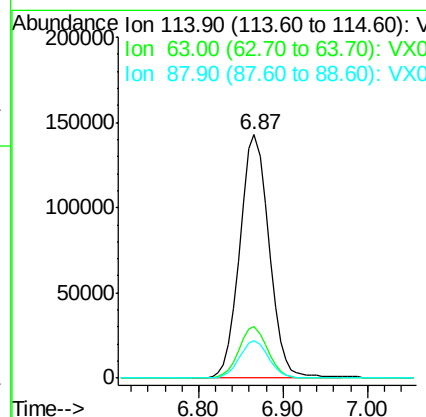
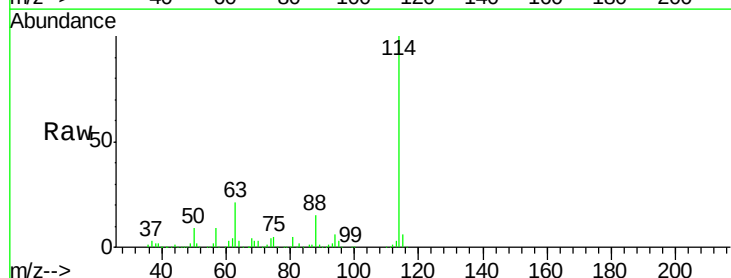
Manual Integrations
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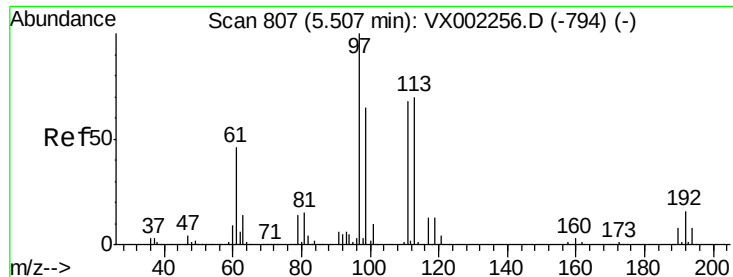
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.4
88	15.4	0.0	30.0





#35

Dibromofluoromethane

Concen: 43.889 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

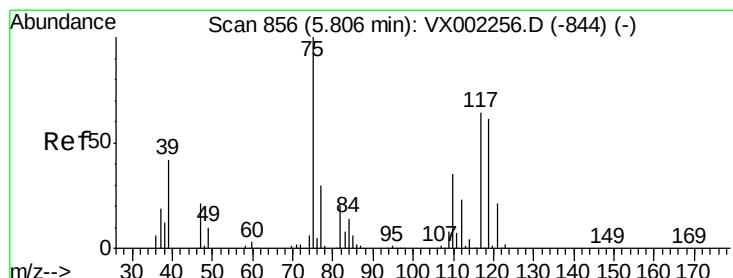
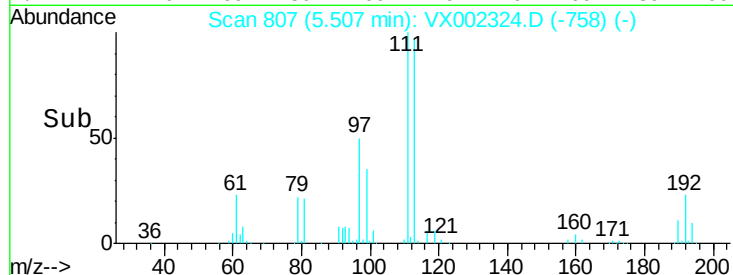
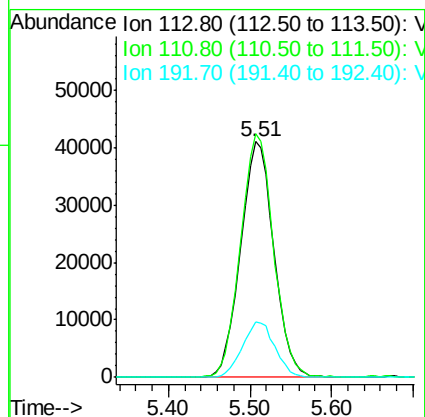
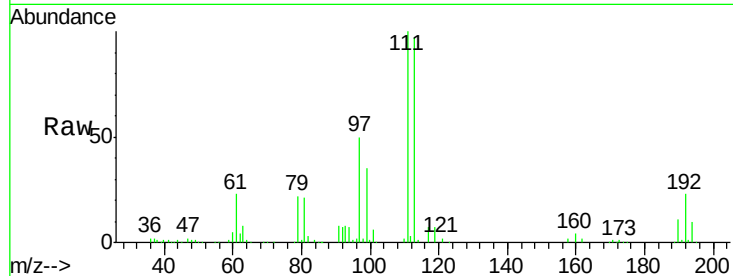
ClientSampleId :

VX0605WBSD02

Tot Ion:	113	Resp:	115990
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.4	122.0
192	23.2	19.1	28.7

Manual Integrations
APPROVED

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6/6/2018 4:10:46 PM



#36

1,1-Dichloropropene

Concen: 16.154 ug/l

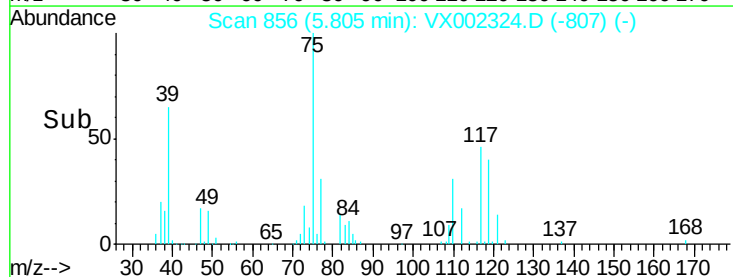
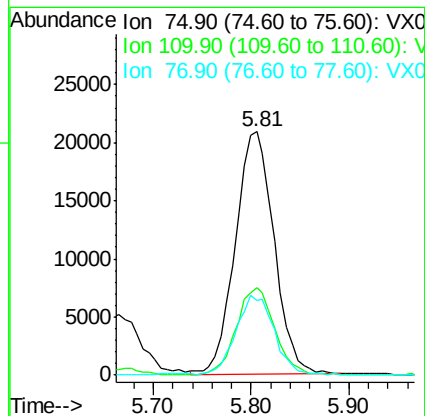
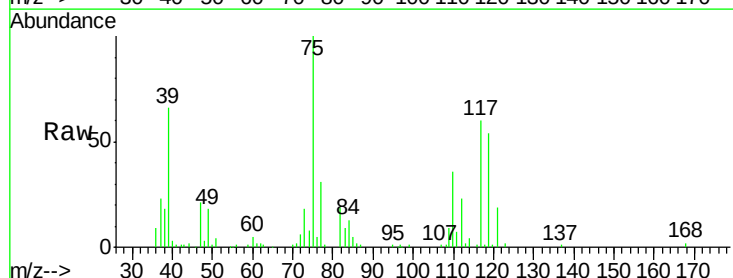
RT: 5.81 min Scan# 856

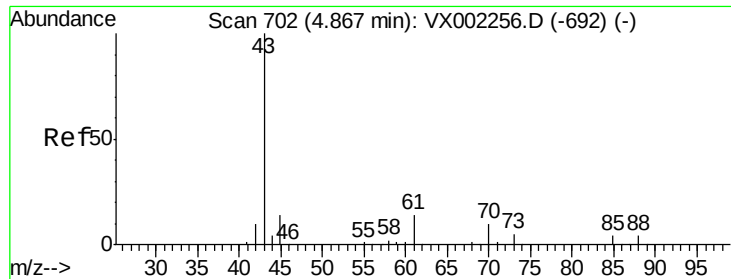
Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion:	75	Resp:	57071
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.4
77	32.7	24.3	36.5





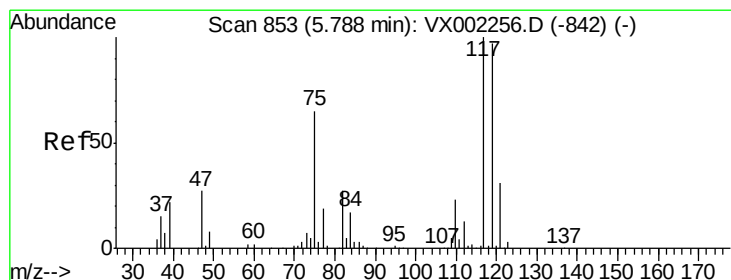
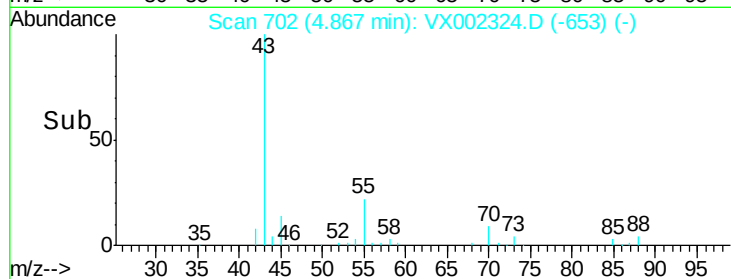
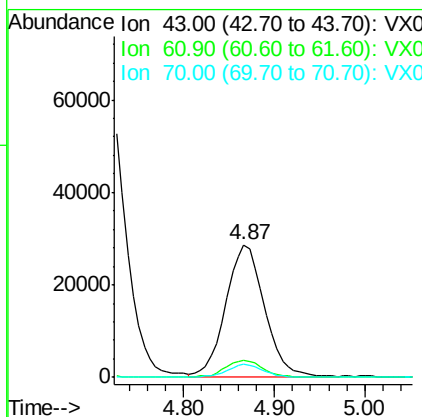
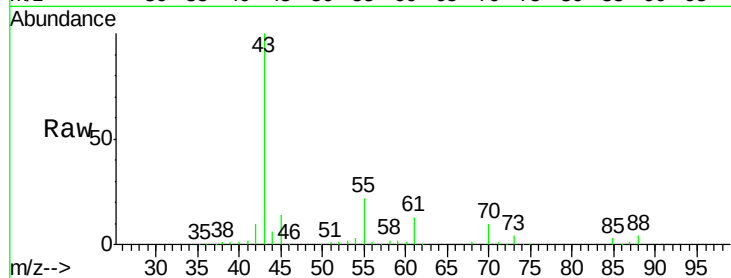
#37
Ethyl Acetate
Concen: 19.802 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.4	15.6
70	9.4	7.6	11.4

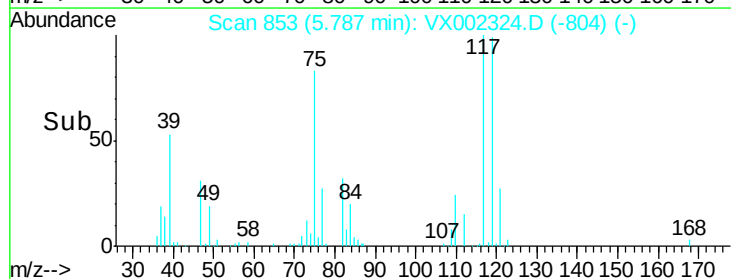
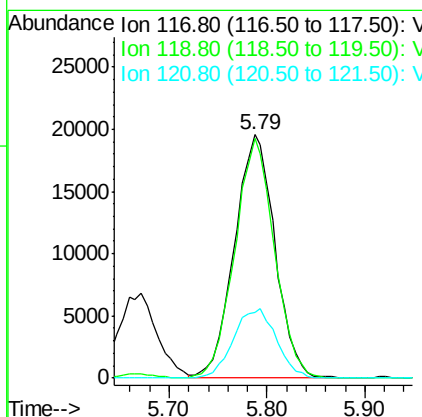
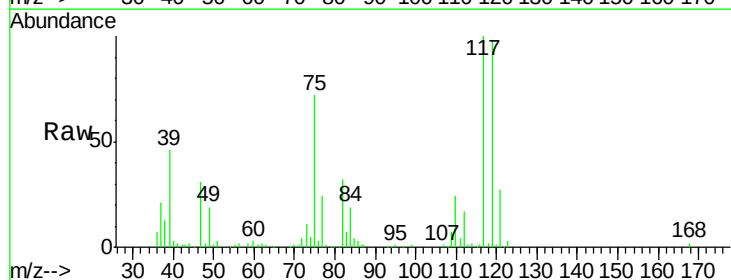
Manual Integrations
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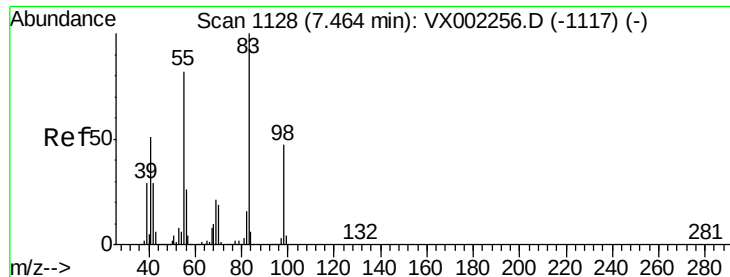
MMDadoda
6/6/2018 4:10:46 PM



#38
Carbon Tetrachloride
Concen: 15.211 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.4	116.0
121	27.2	24.4	36.6





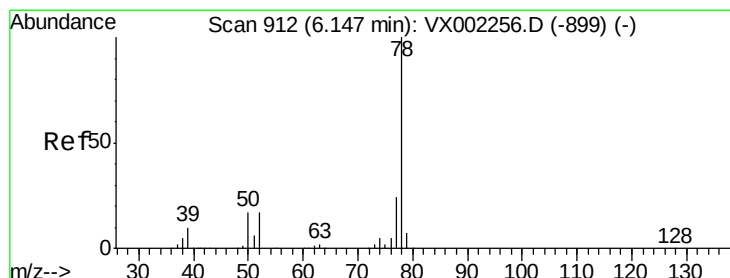
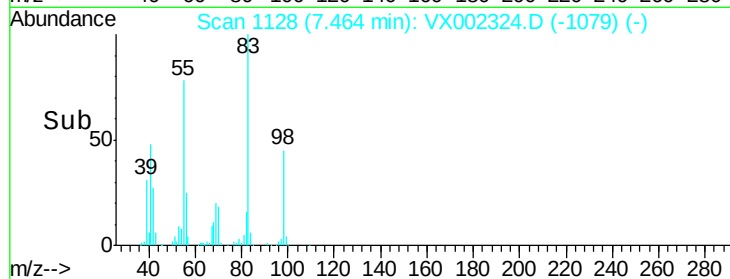
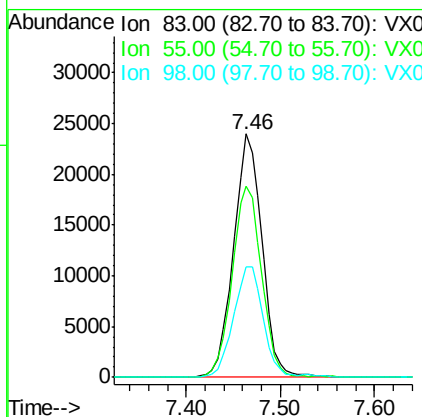
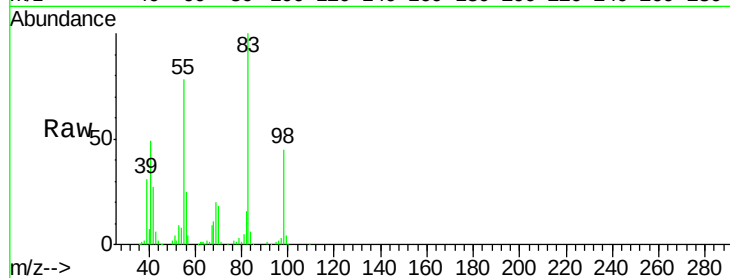
#39
Methylvlcyclohexane
Concen: 11.768 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	65.4	98.0
98	45.2	37.4	56.0

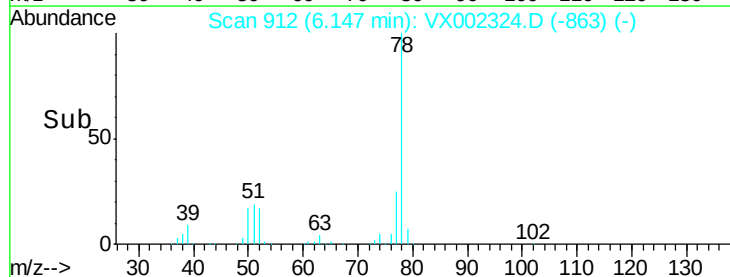
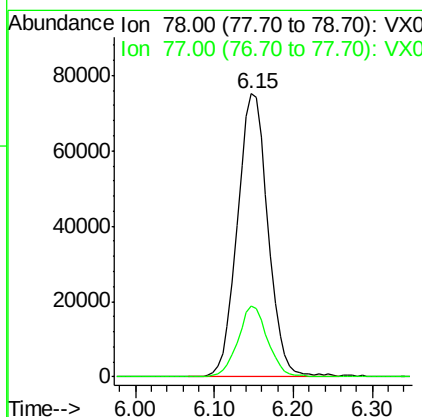
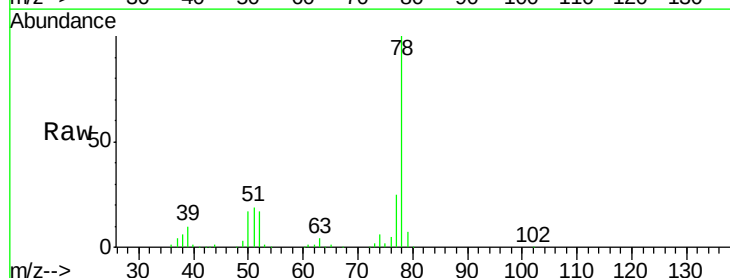
Manual Integrations
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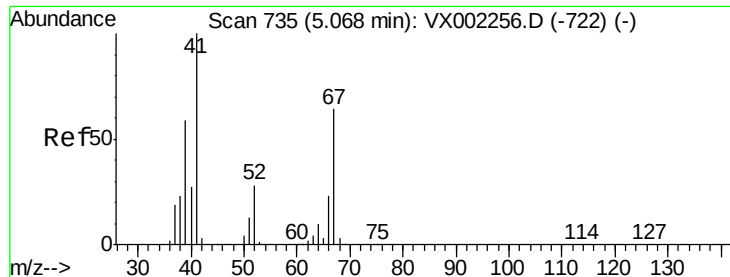
MMDadoda
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#40
Benzene
Concen: 18.728 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.1	28.7





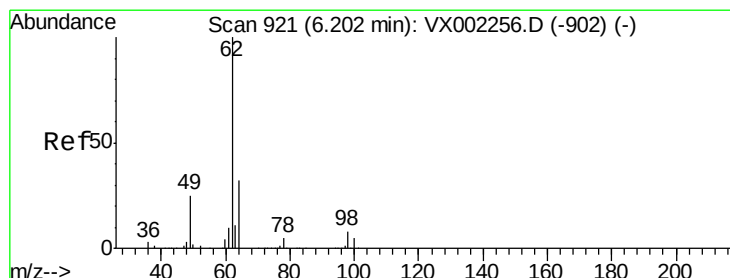
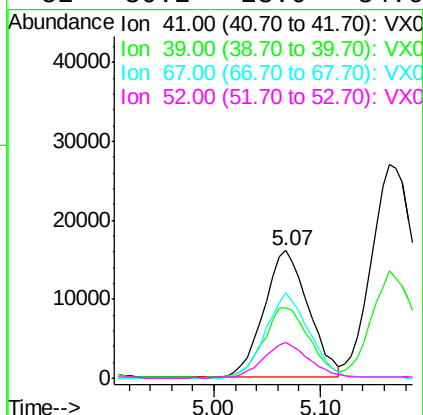
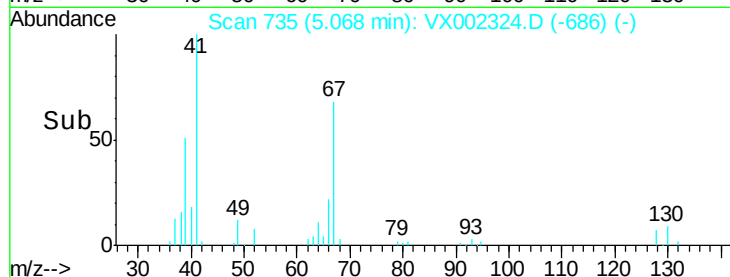
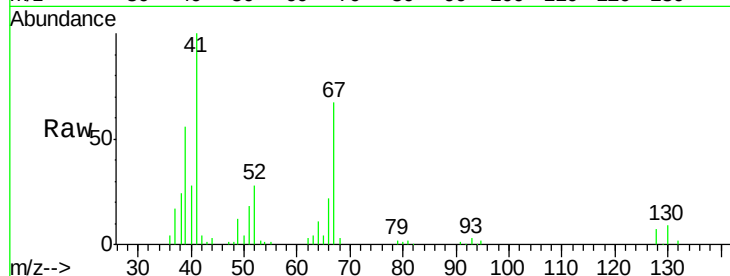
#41
Methacrylonitrile
Concen: 19.215 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.3	45.8	68.6	
67	66.6	51.3	76.9	
52	30.2	23.0	34.6	

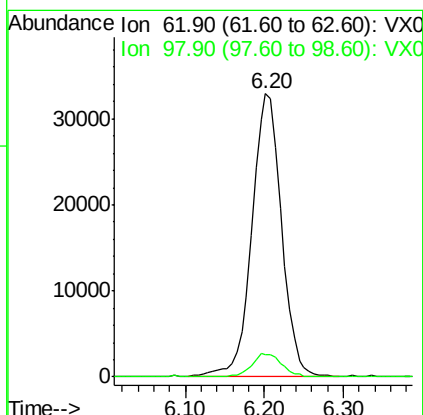
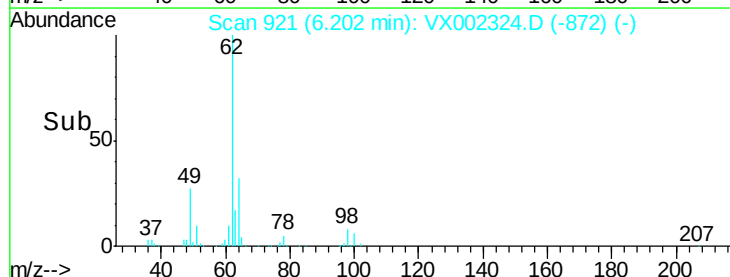
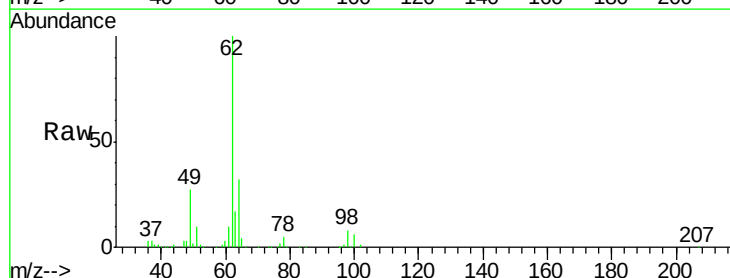
Manual Integrations
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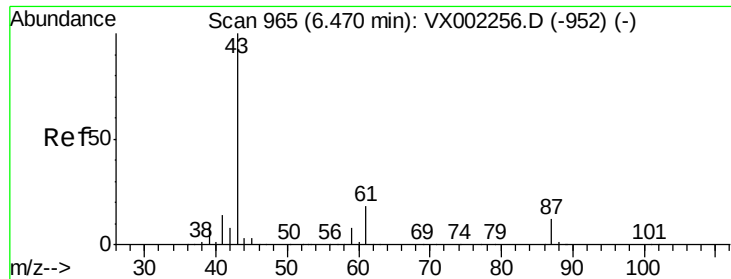
MMDadoda
6/6/2018 4:10:46 PM



#42
1,2-Dichloroethane
Concen: 20.038 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.6	





#43

Isopropyl Acetate

Concen: 18.685 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

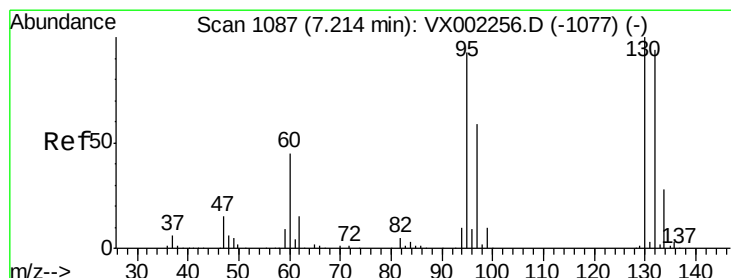
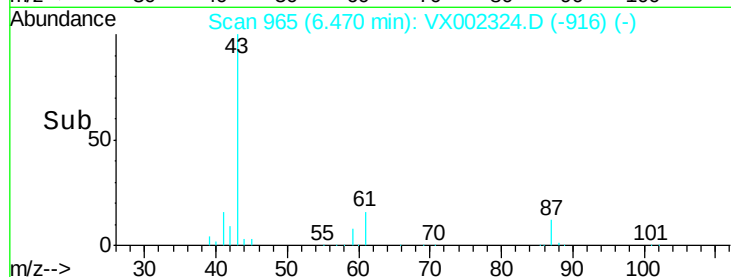
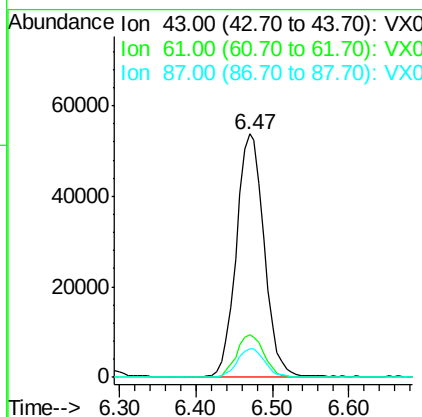
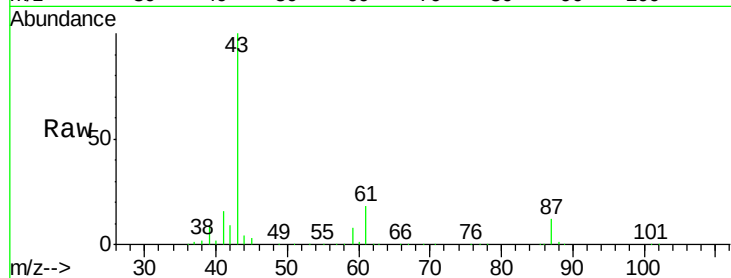
ClientSampleId :

VX0605WBSD02

Tot Ion:	43	Resp:	134841
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.4	21.6
87	11.8	9.5	14.3

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#44

Trichloroethene

Concen: 18.194 ug/l

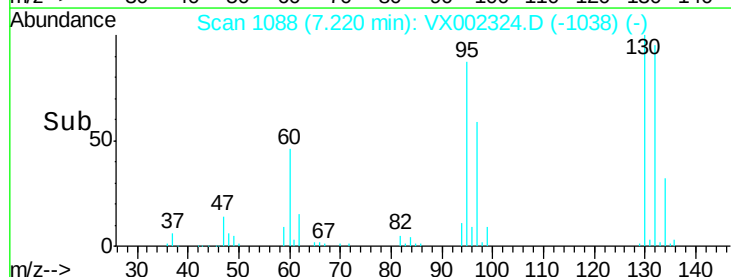
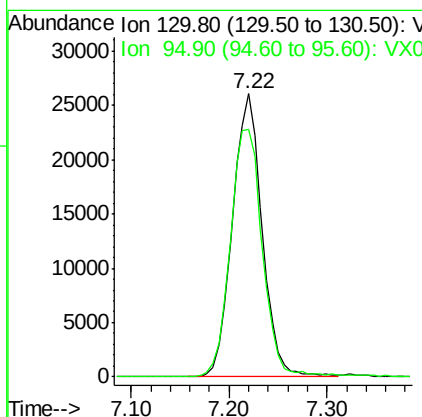
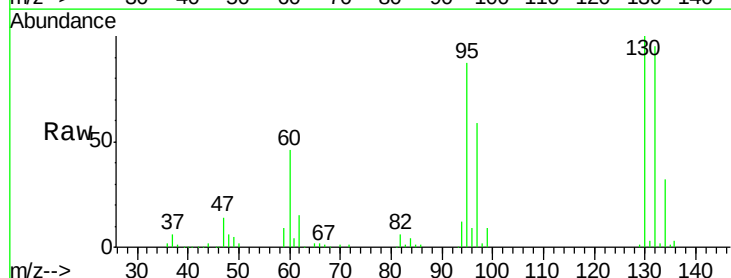
RT: 7.22 min Scan# 1088

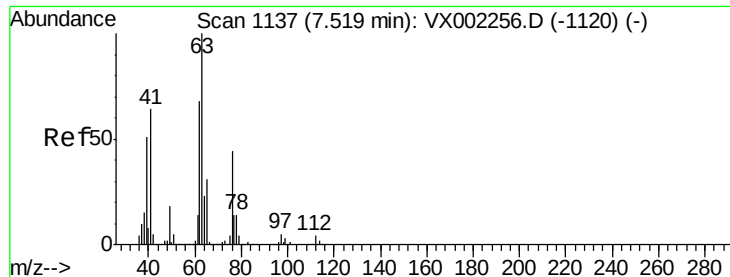
Delta R.T. 0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion:	130	Resp:	54699
Ion	Ratio	Lower	Upper
130	100		
95	87.1	0.0	185.4





#45

1,2-Dichloropropane

Concen: 18.251 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion: 63 Resp: 53374

Ion Ratio Lower Upper

63 100

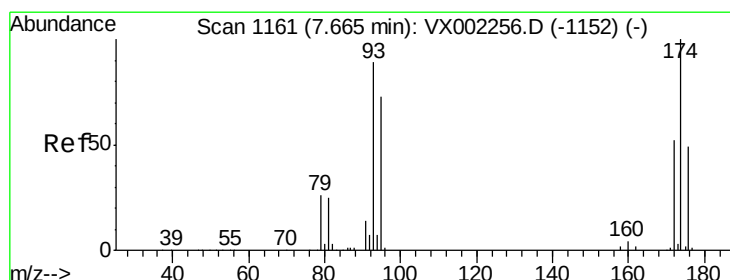
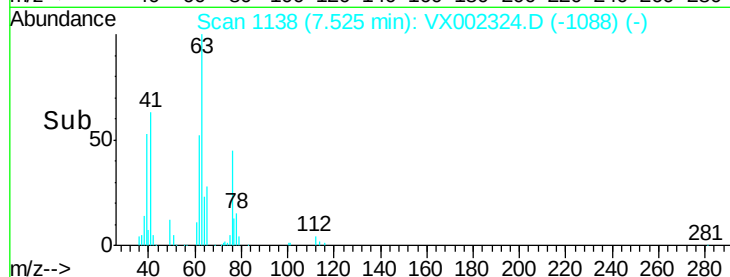
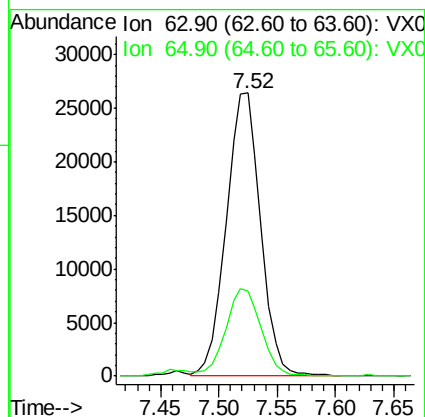
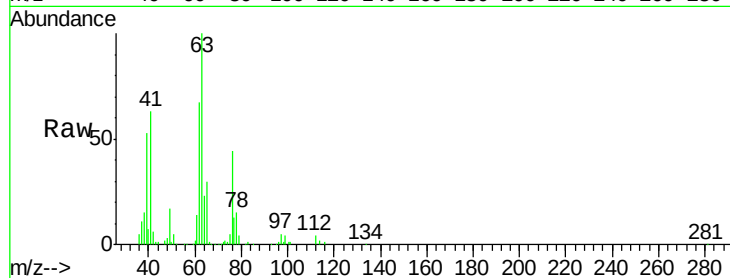
65 30.1 24.7 37.1

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#46

Dibromomethane

Concen: 19.362 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

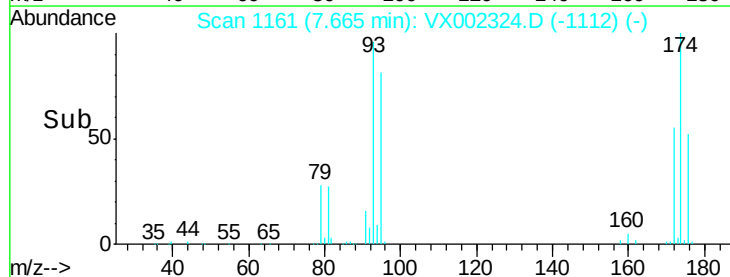
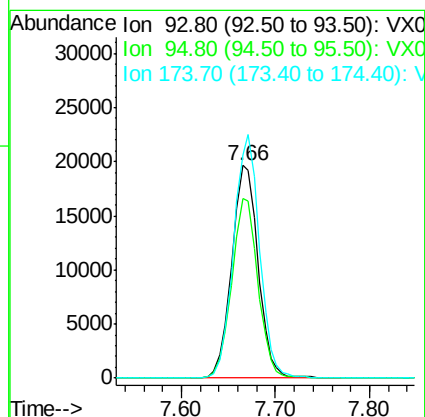
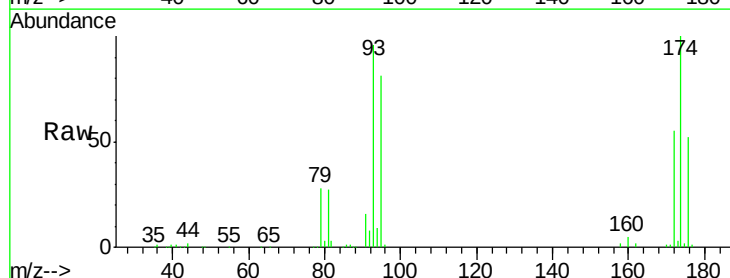
Tgt Ion: 93 Resp: 38384

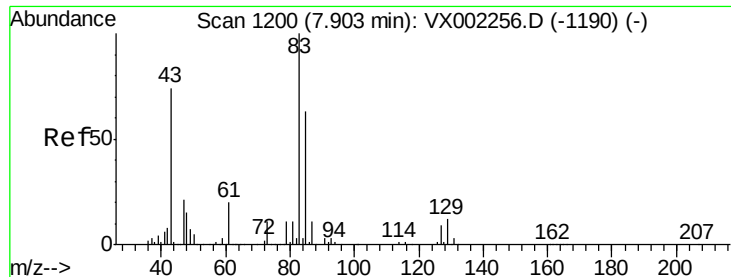
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 111.8 92.4 138.6





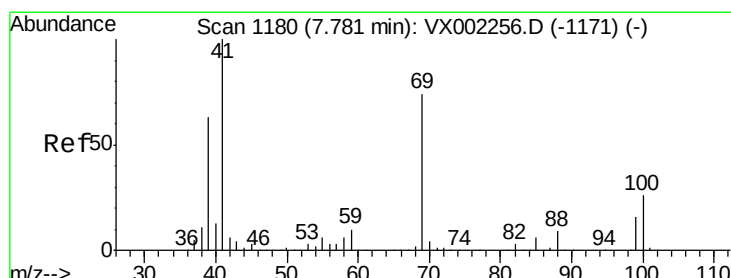
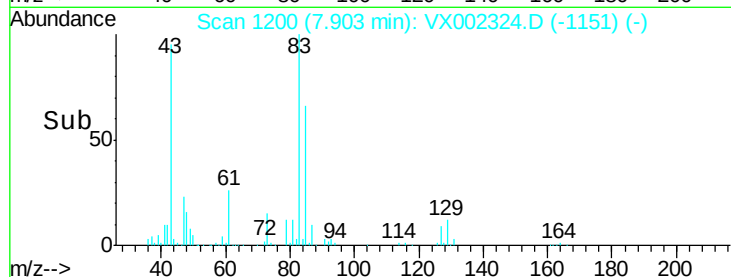
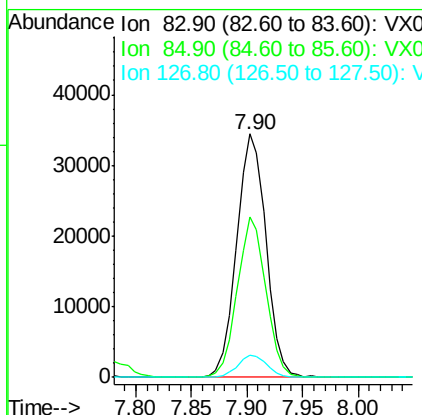
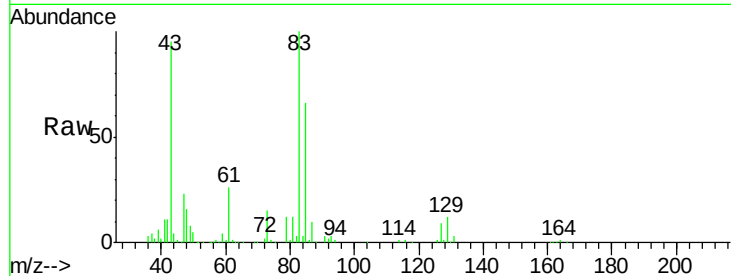
#47
 Bromodichloromethane
 Concen: 17.561 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.3	75.5
127	9.1	7.0	10.4

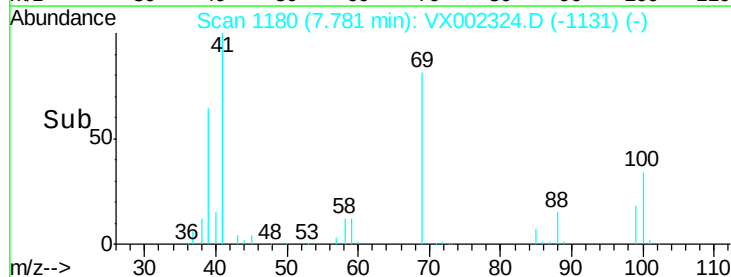
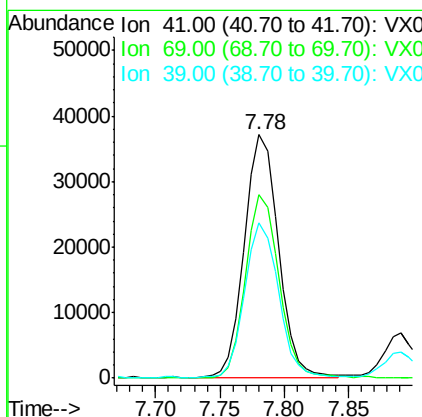
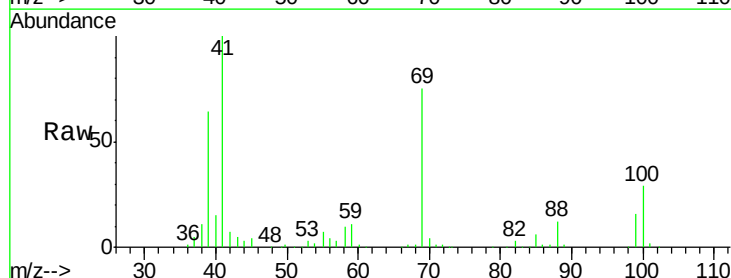
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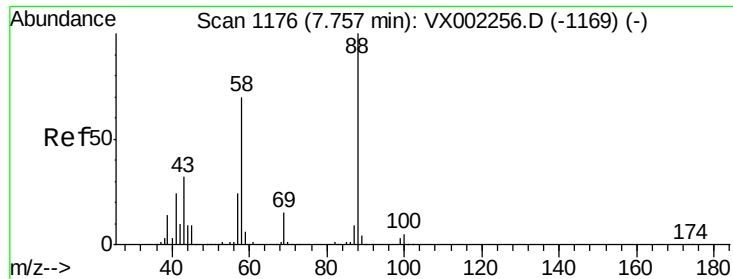
MMDadoda
 6/6/2018 4:10:46 PM



#48
 Methyl methacrylate
 Concen: 18.683 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.1	59.1	88.7
39	63.1	48.9	73.3





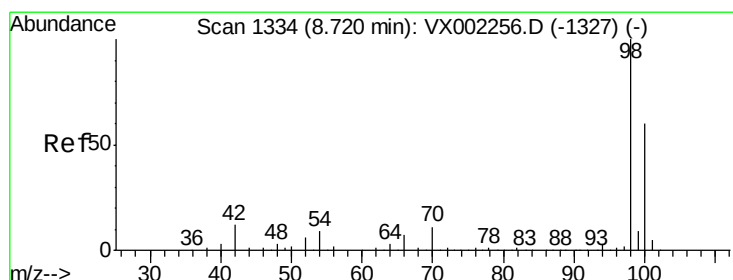
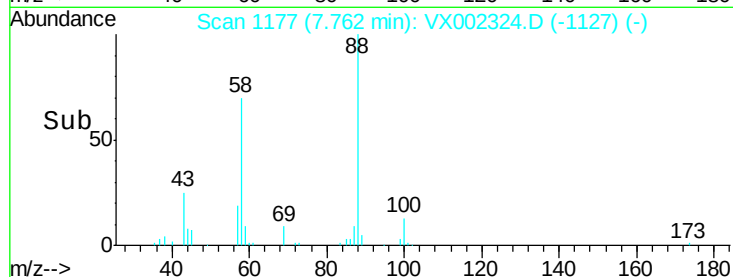
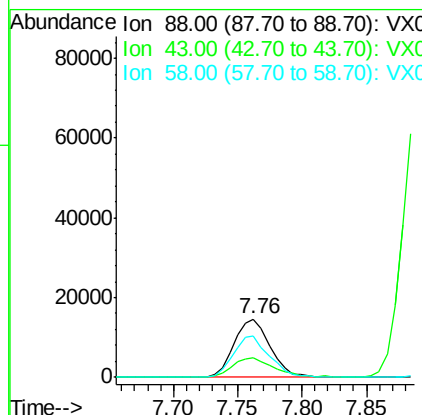
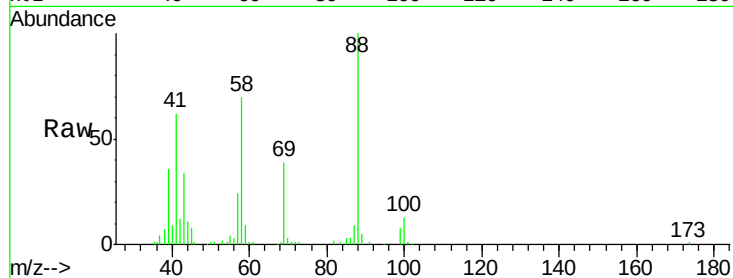
#49
1,4-Dioxane
Concen: 418.910 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.0	29.8	44.6
58	71.5	57.1	85.7

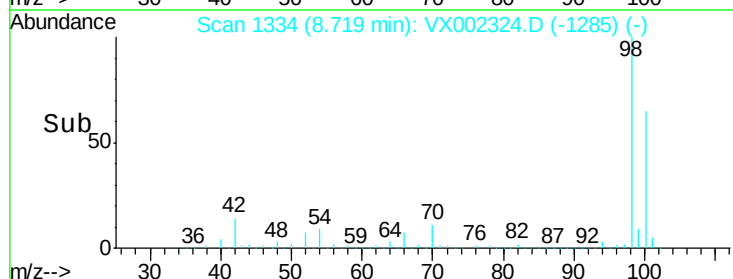
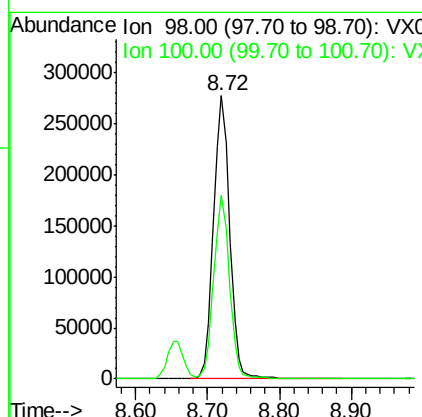
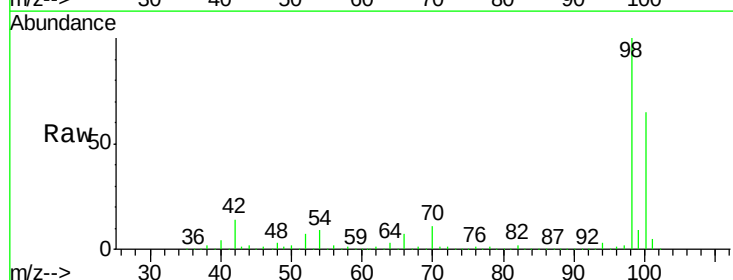
Manual Integrations
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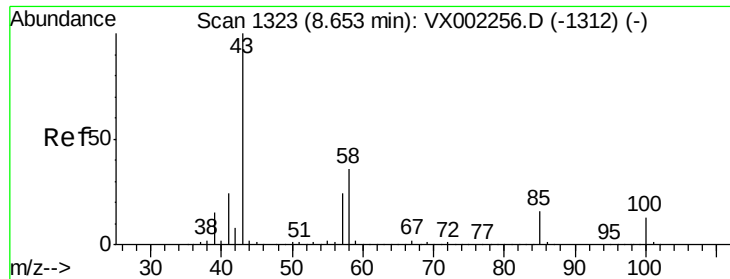
MMDadoda
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#50
Toluene-d8
Concen: 42.501 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 98.830 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion: 43 Resp: 444151

Ion Ratio Lower Upper

43 100

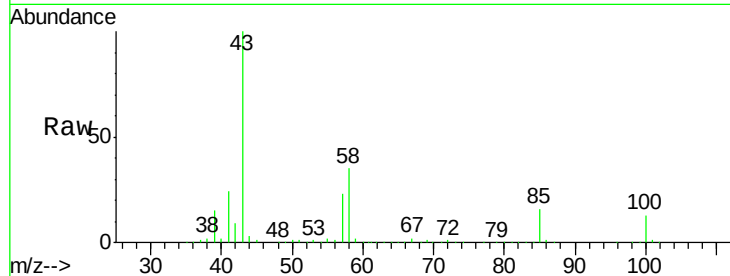
58 35.4 28.6 42.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

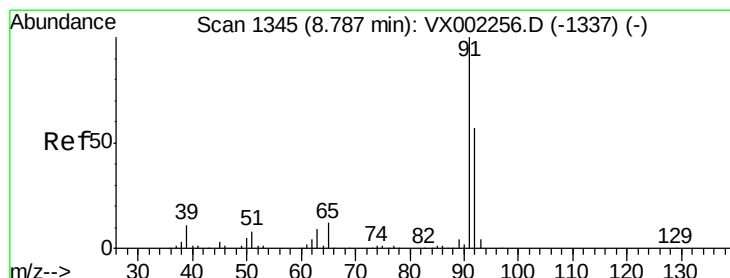
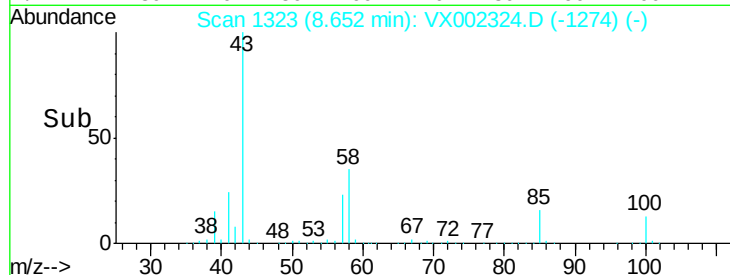
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.800 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002324.D

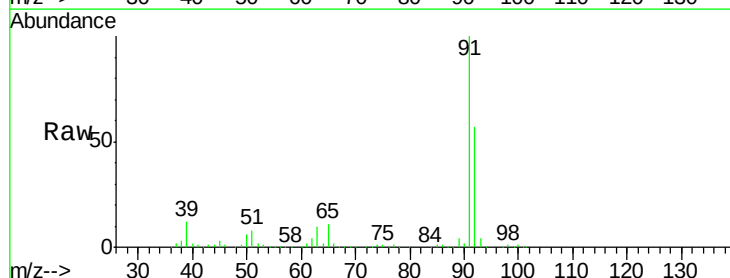
Acq: 06 Jun 2018 00:24

Tgt Ion: 92 Resp: 129530

Ion Ratio Lower Upper

92 100

91 174.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

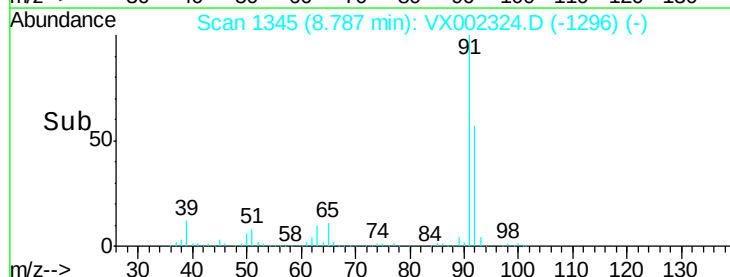
150000

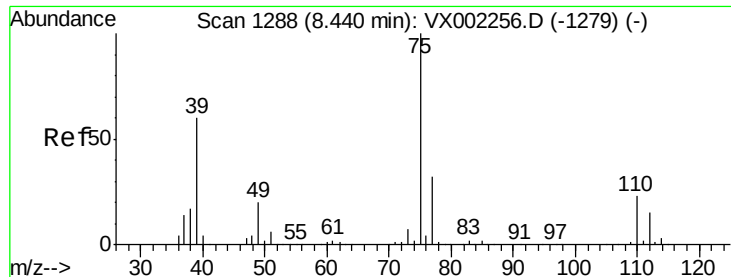
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.178 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tot Ion: 75 Resp: 73862

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

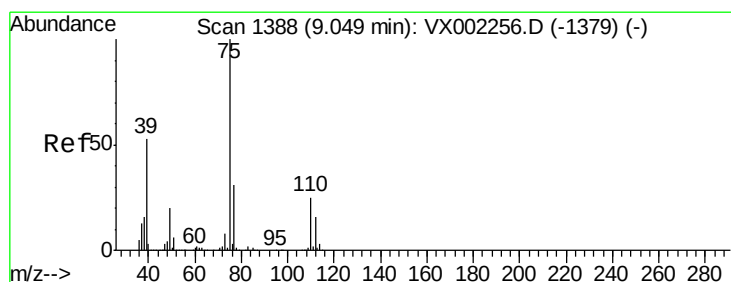
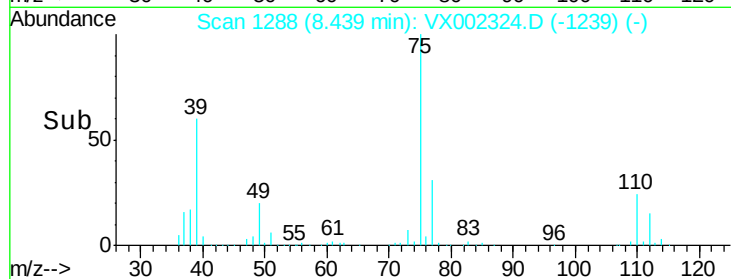
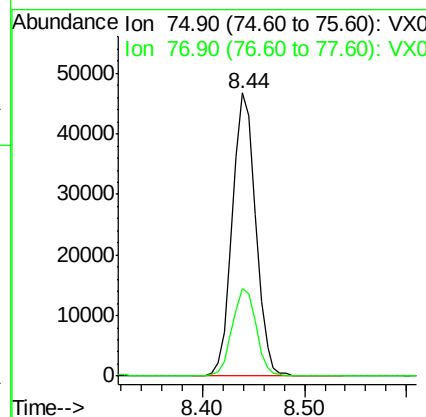
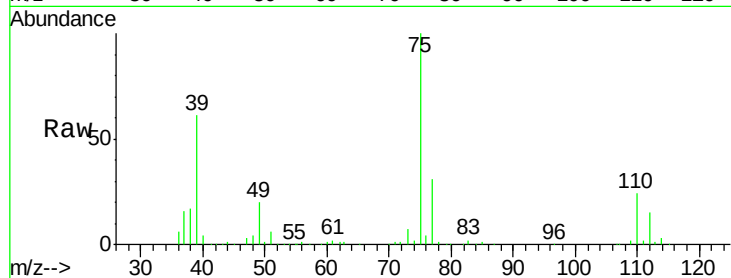
VX0605WBSD02

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 16.282 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

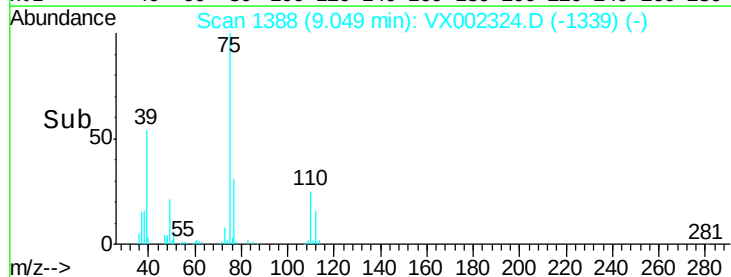
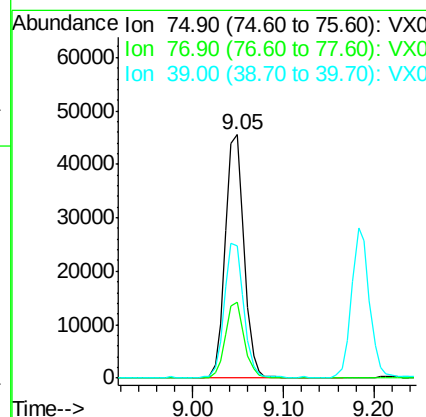
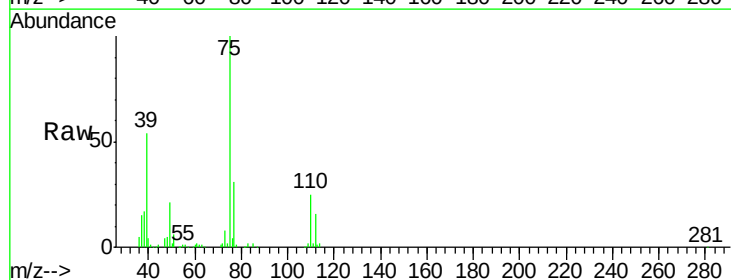
Tgt Ion: 75 Resp: 66049

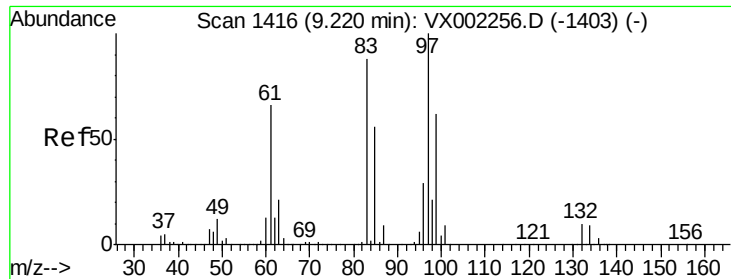
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 53.8 42.4 63.6





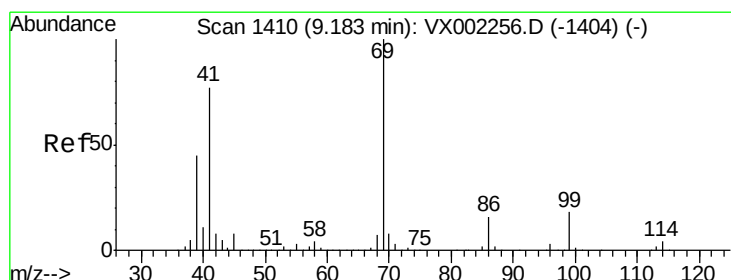
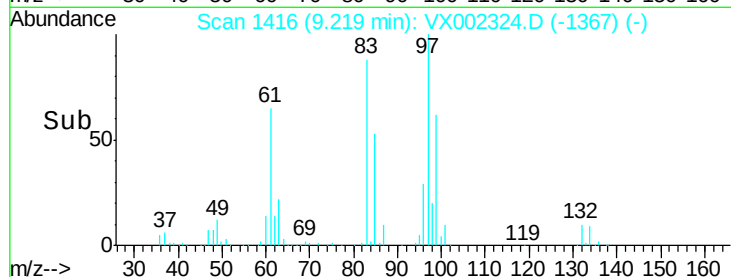
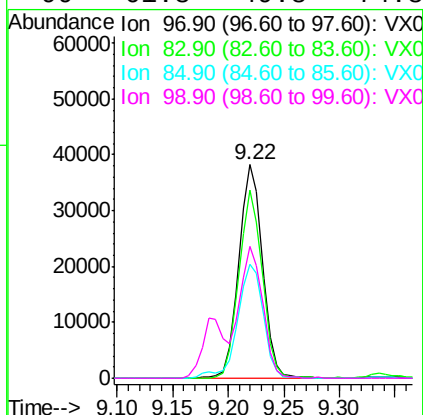
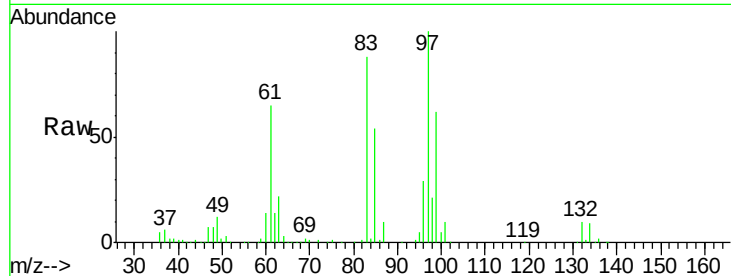
#55
 1,1,2-Trichloroethane
 Concen: 19.925 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion:	97	Resp:	56460
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.2	105.2
85	53.4	44.9	67.3
99	61.8	49.8	74.8

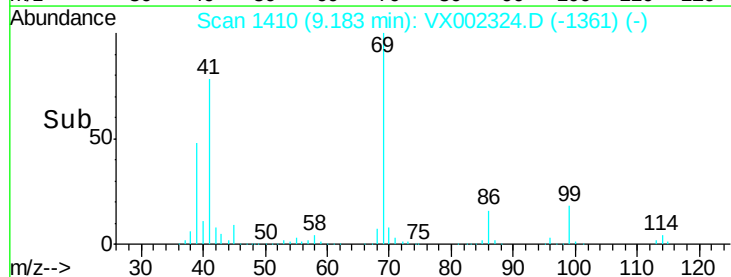
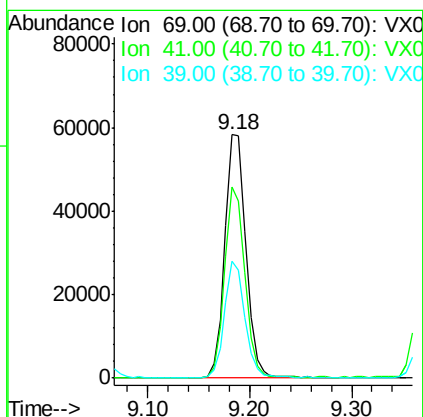
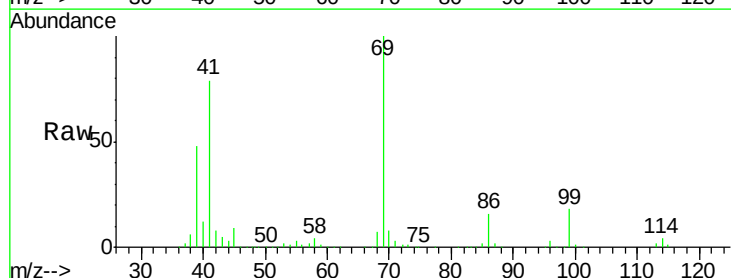
Manual Integrations
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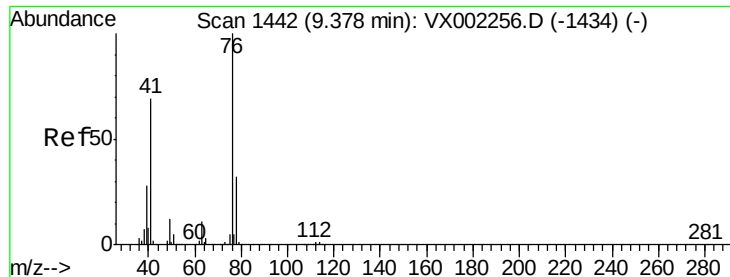
MMDadoda
 6/6/2018 4:10:46 PM



#56
 Ethyl methacrylate
 Concen: 18.541 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion:	69	Resp:	83879
Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.3	90.5
39	45.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.760 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion: 76 Resp: 93938

Ion Ratio Lower Upper

76 100

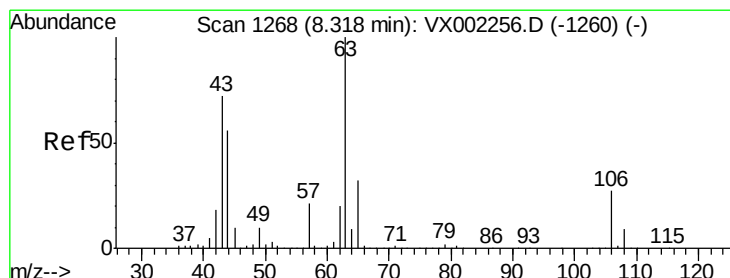
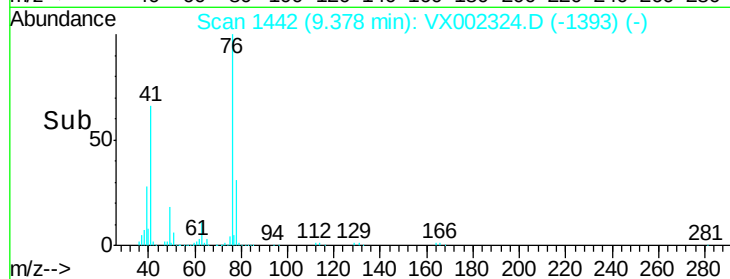
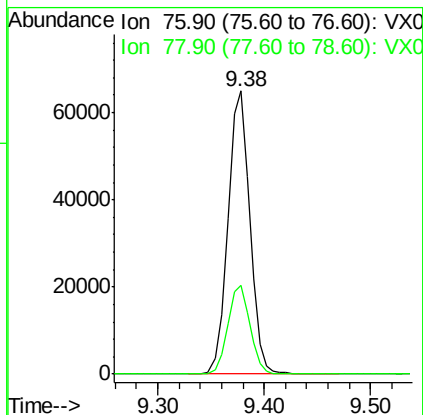
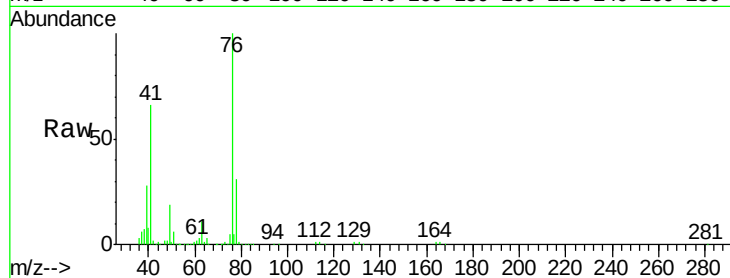
78 31.9 25.8 38.6

Manual Integrations

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6/6/2018 4:10:46 PM



#58

2-Chloroethyl Vinyl ether

Concen: 94.074 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002324.D

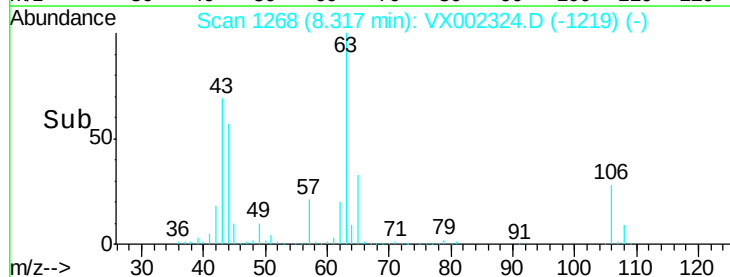
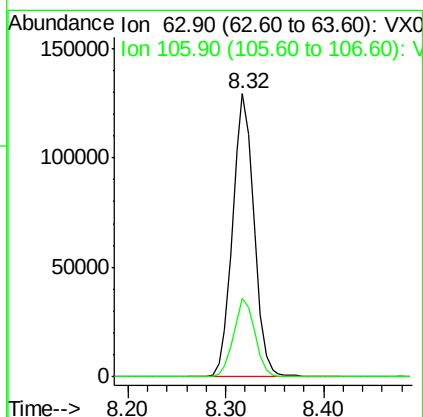
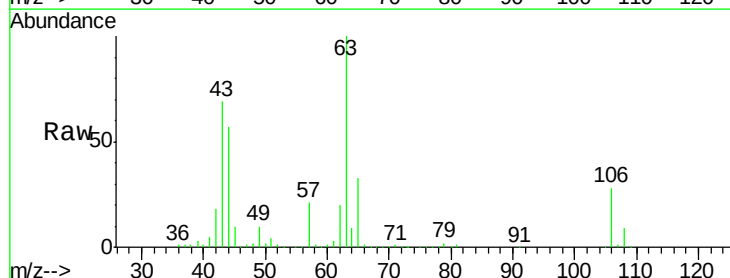
Acq: 06 Jun 2018 00:24

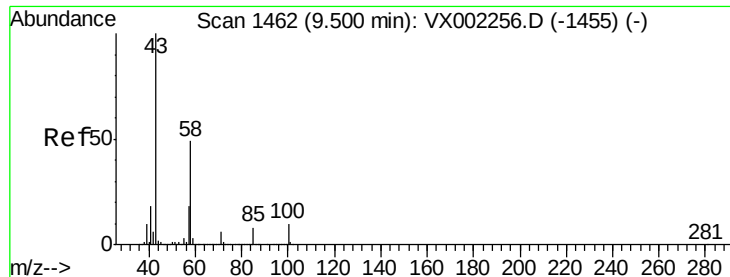
Tgt Ion: 63 Resp: 196983

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8





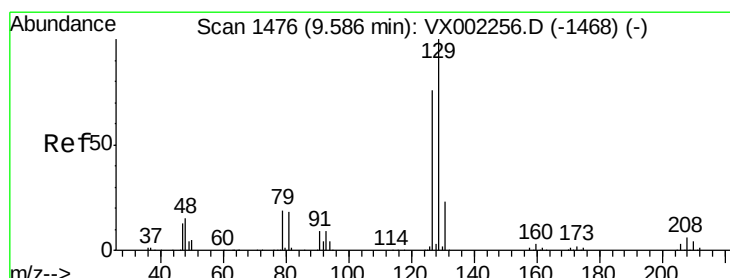
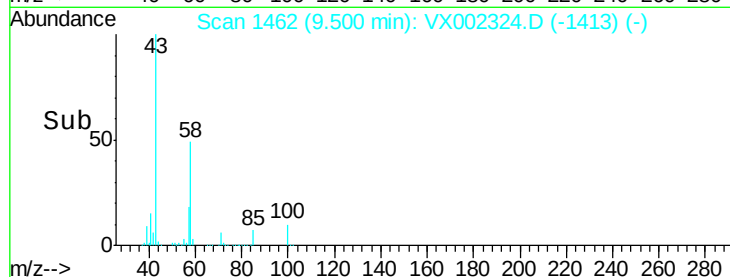
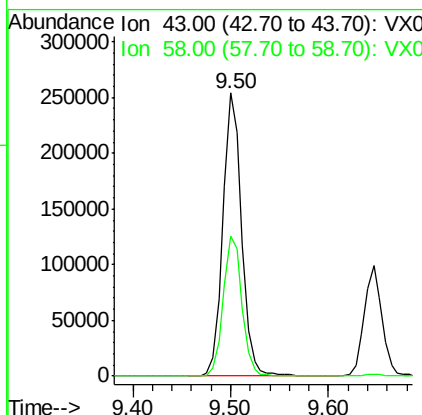
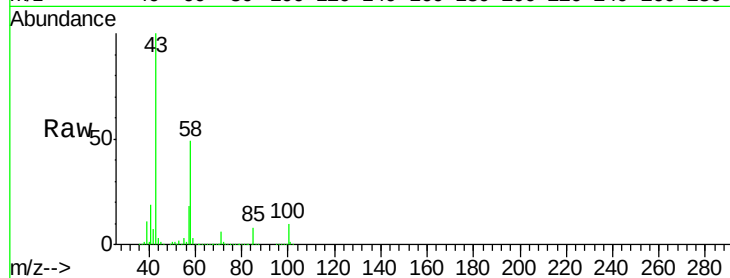
#59
2-Hexanone
Concen: 96.883 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.5	24.6	73.6

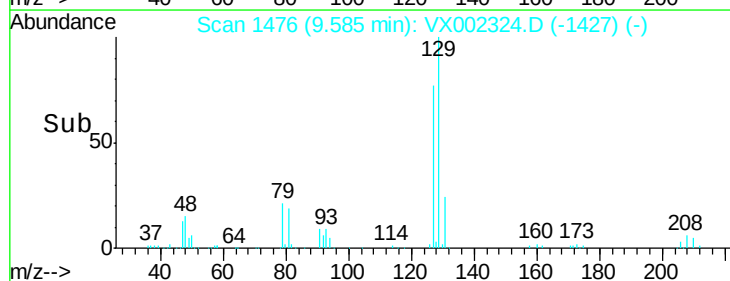
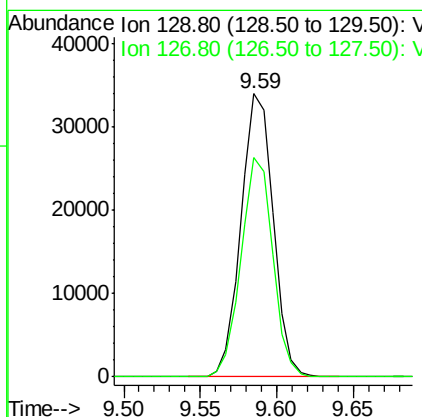
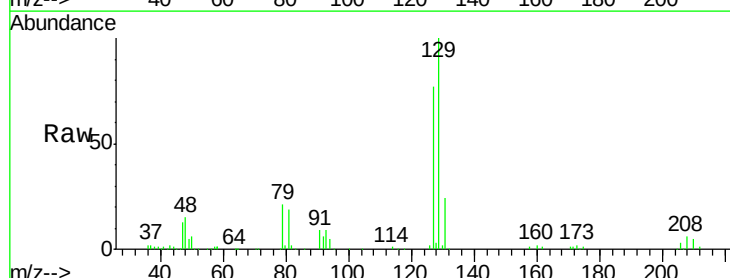
Manual Integrations
APPROVED

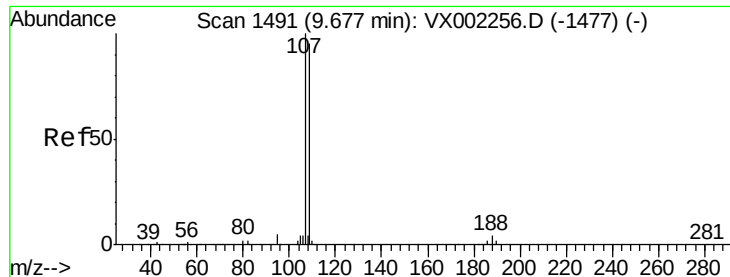
MMDadoda
6/6/2018 4:10:46 PM



#60
Dibromochloromethane
Concen: 17.432 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.5	115.3





#61

1,2-Dibromoethane

Concen: 19.427 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion:107 Resp: 57399

Ion Ratio Lower Upper

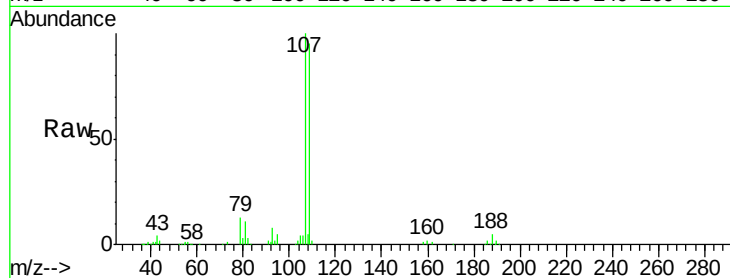
107 100

109 94.2 75.3 112.9

Manual Integrations
APPROVED

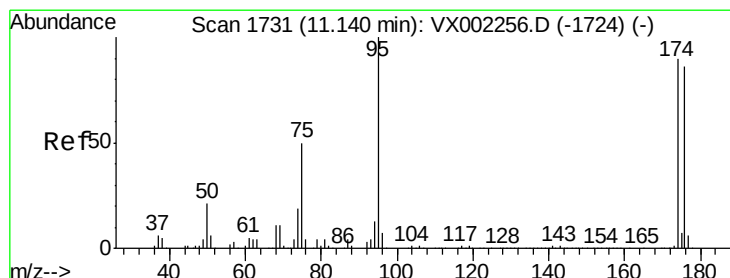
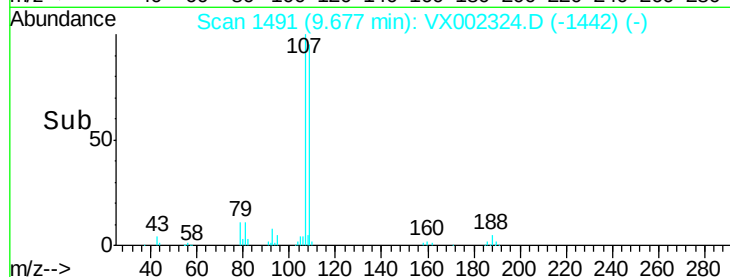
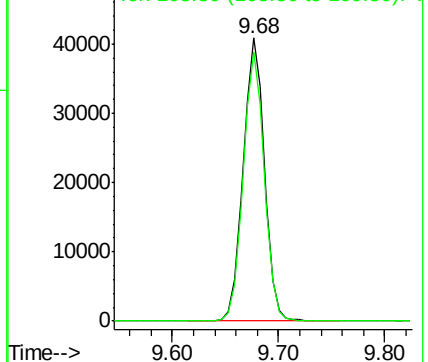
MMDadoda

6/6/2018 4:10:46 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 41.403 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

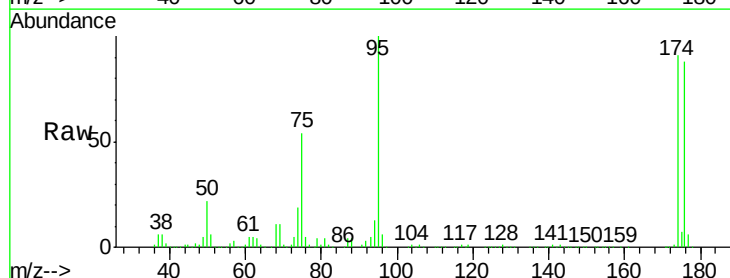
Tgt Ion: 95 Resp: 161726

Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.4

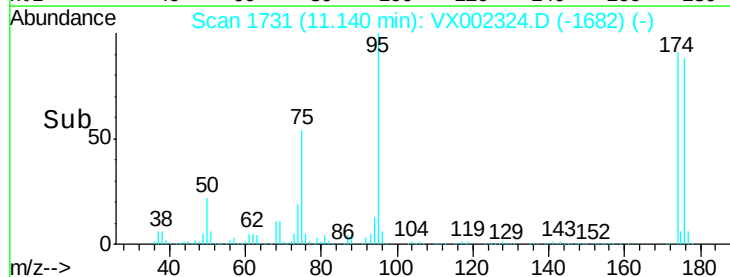
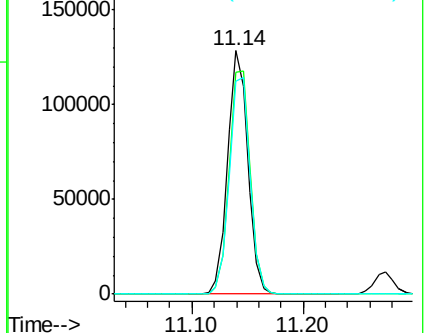
176 92.1 0.0 181.0

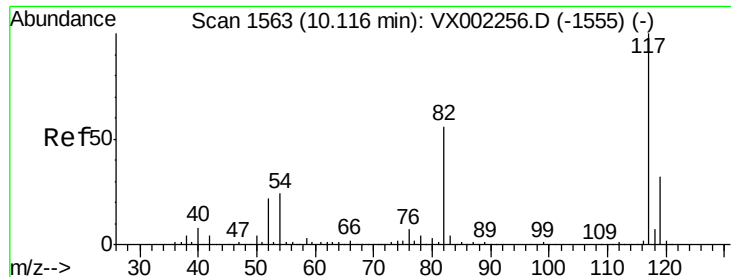


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





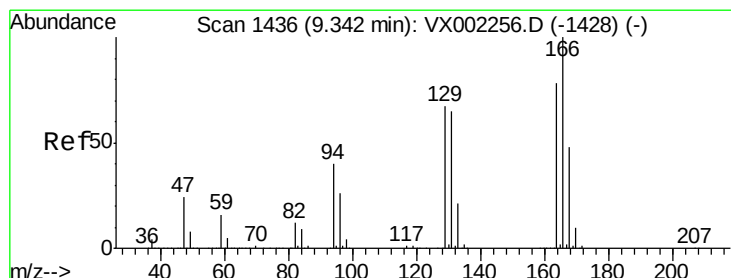
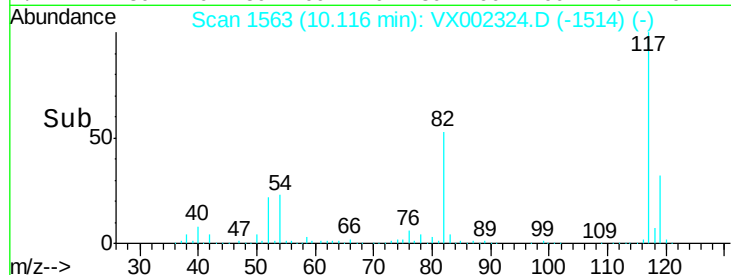
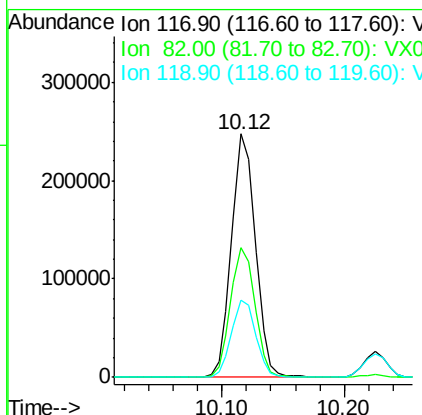
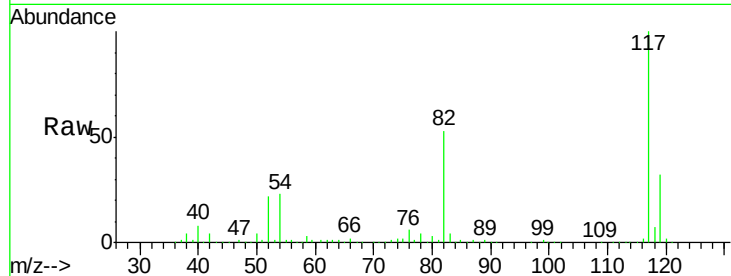
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.0	67.4
119	31.9	25.8	38.6

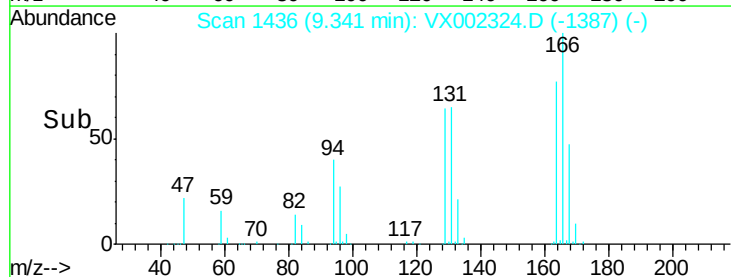
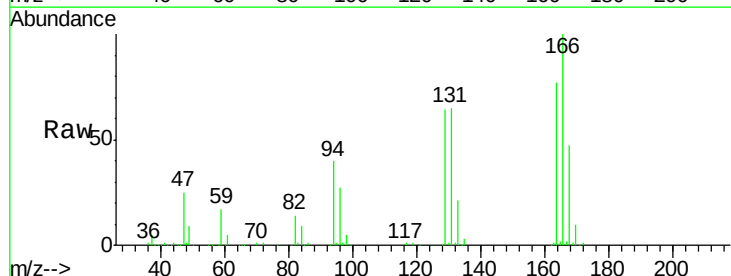
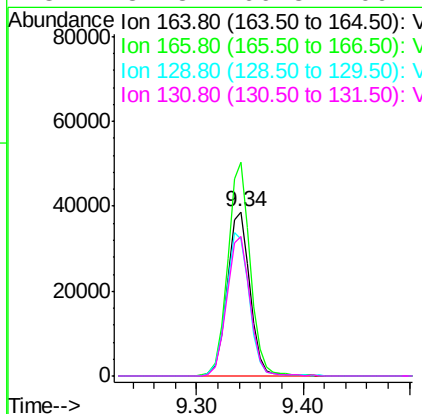
Manual Integrations
APPROVED

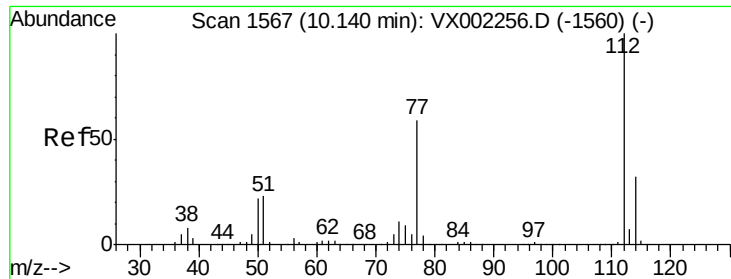
MMDadoda
6/6/2018 4:10:46 PM



#64
Tetrachloroethene
Concen: 16.794 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	102.9	154.3
129	83.5	68.6	102.8
131	84.8	66.8	100.2





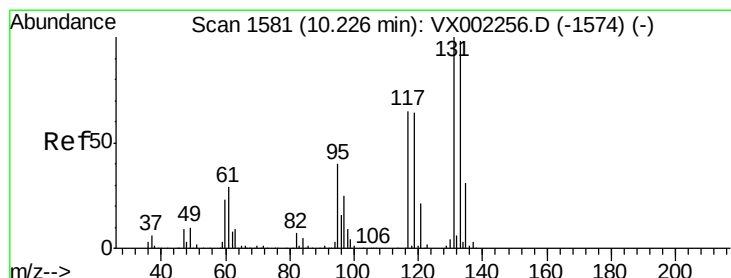
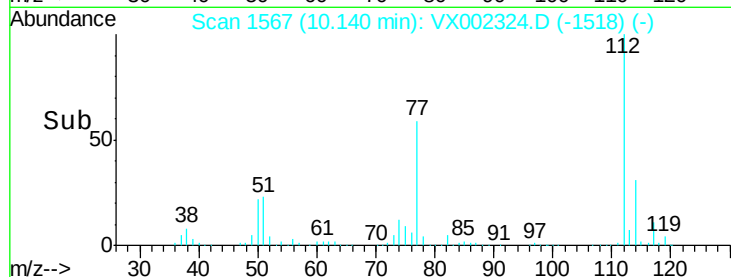
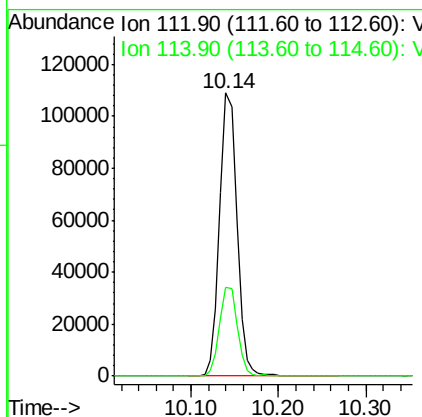
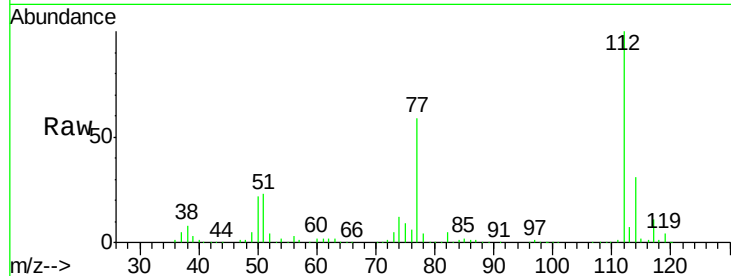
#65
Chlorobenzene
Concen: 18.058 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion:112 Resp: 150558
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9

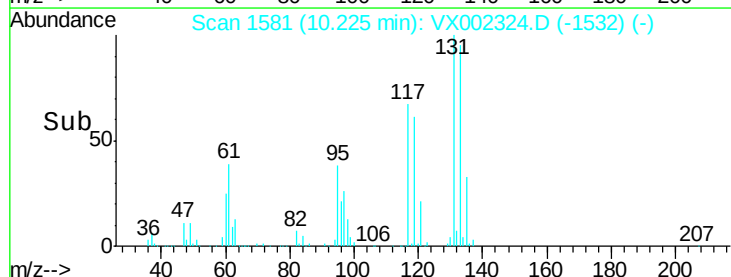
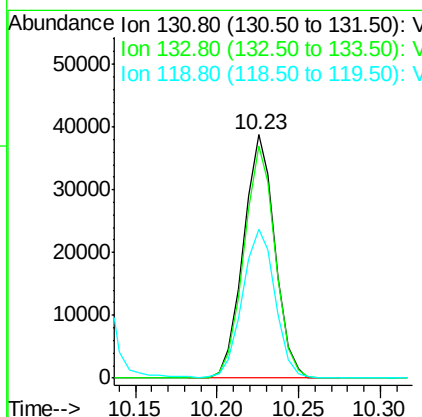
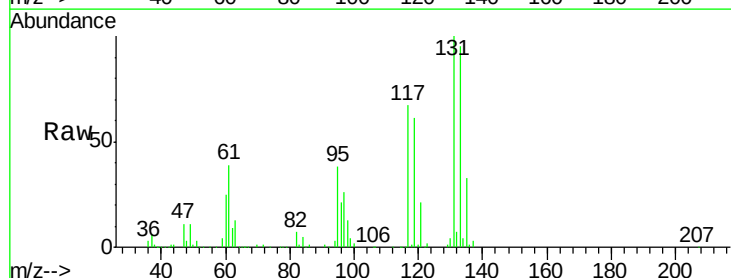
Manual Integrations
APPROVED

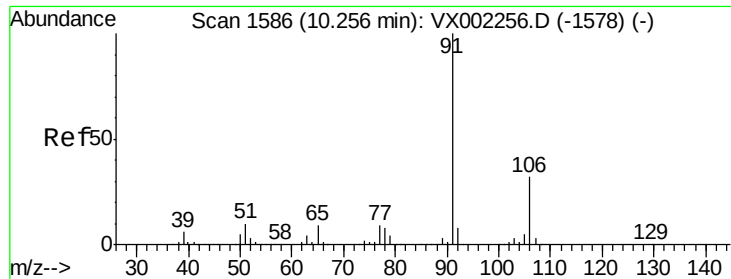
MMDadoda
6/6/2018 4:10:46 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.260 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion:131 Resp: 52107
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.6
119 63.6 31.8 95.3





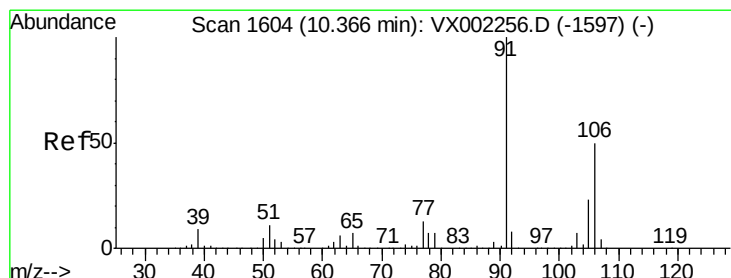
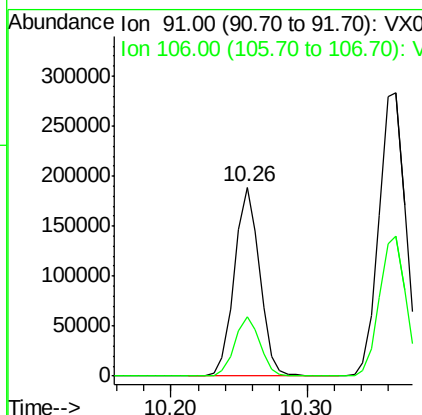
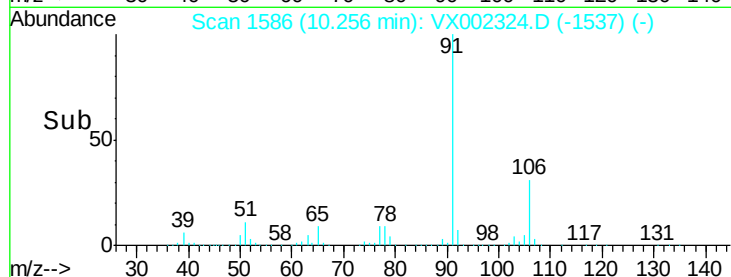
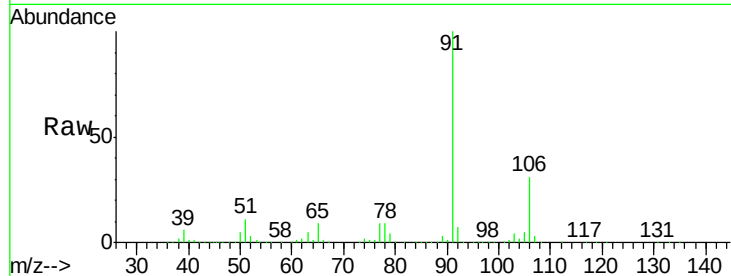
#67
Ethyl Benzene
Concen: 17.549 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion: 91 Resp: 244855
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3

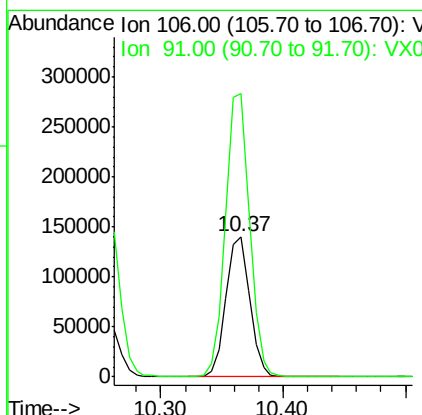
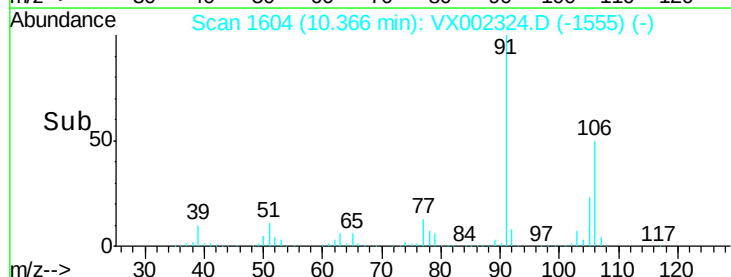
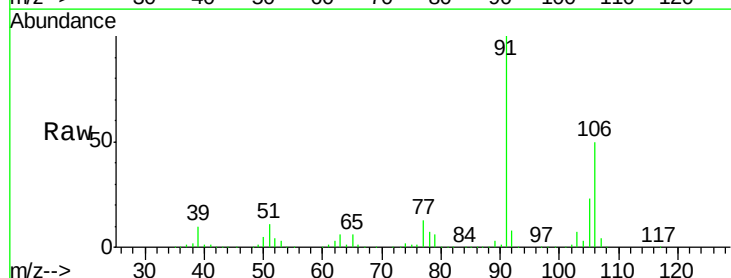
Manual Integrations
APPROVED

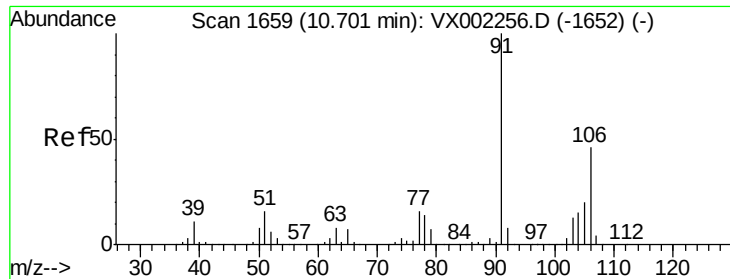
MMDadoda
6/6/2018 4:10:46 PM



#68
m/p-Xylenes
Concen: 34.988 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion: 106 Resp: 189771
Ion Ratio Lower Upper
106 100
91 204.5 163.4 245.2





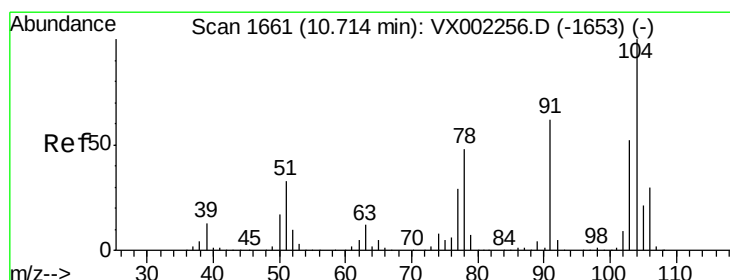
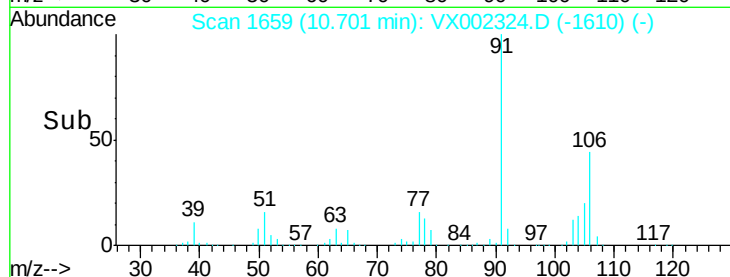
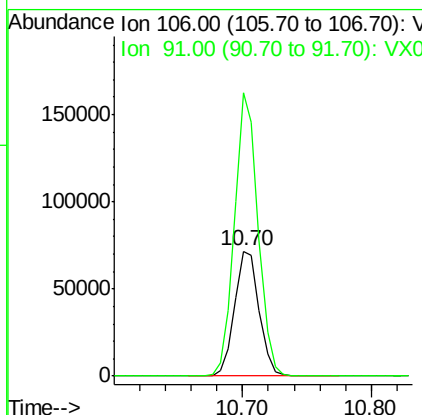
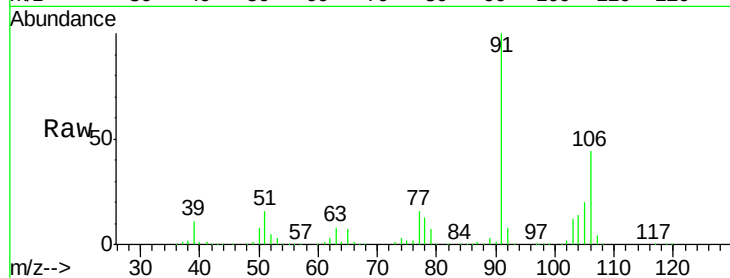
#69
o-Xylene
Concen: 17.688 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion:106 Resp: 95471
Ion Ratio Lower Upper
106 100
91 217.0 108.2 324.6

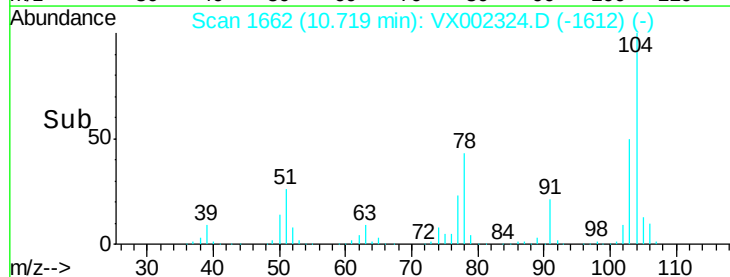
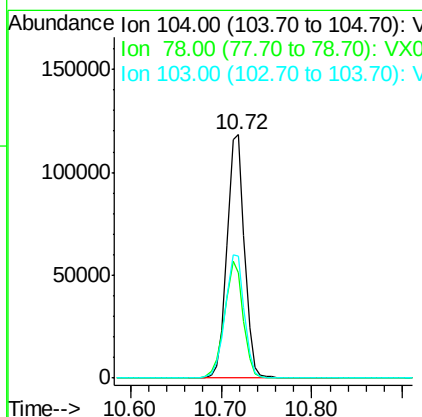
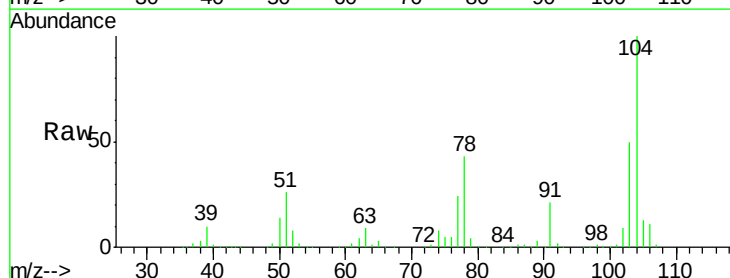
Manual Integrations
APPROVED

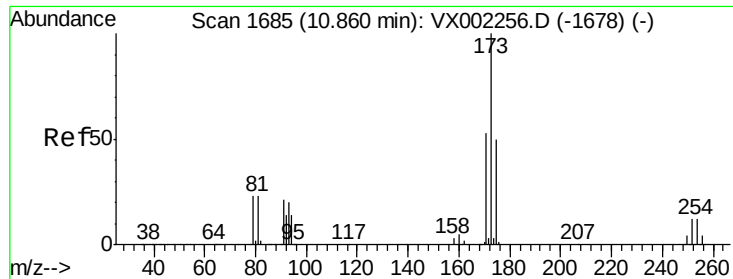
MMDadoda
6/6/2018 4:10:46 PM



#70
Styrene
Concen: 17.950 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion:104 Resp: 158386
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 55.6 44.2 66.4





#71

Bromoform

Concen: 16.203 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

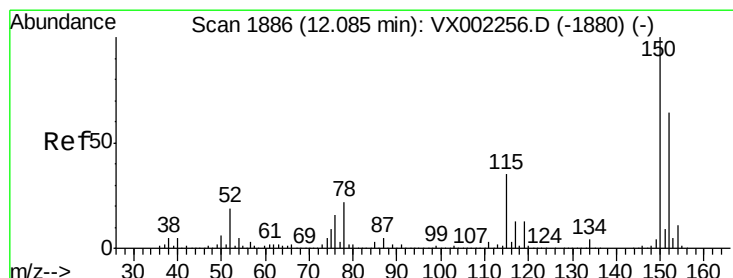
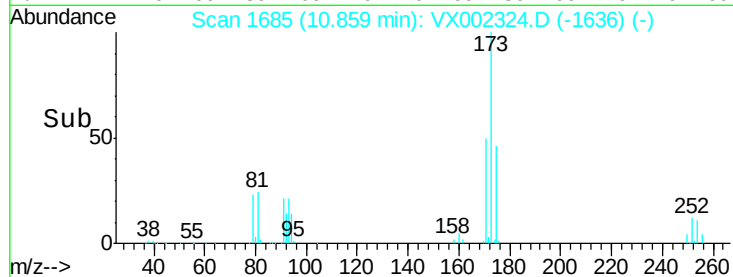
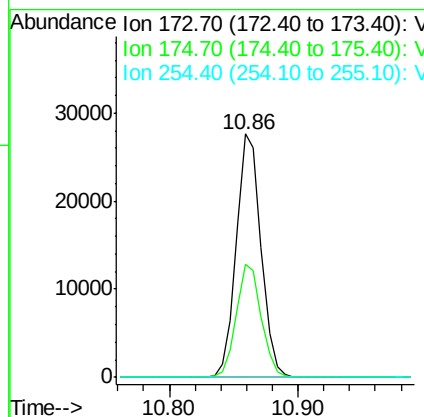
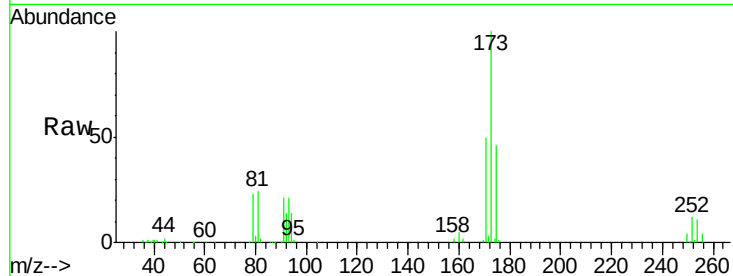
ClientSampled :

VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.9	24.7	74.1
254	0.0	0.2	0.2

Manual Integrations
APPROVED

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6/6/2018 4:10:46 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

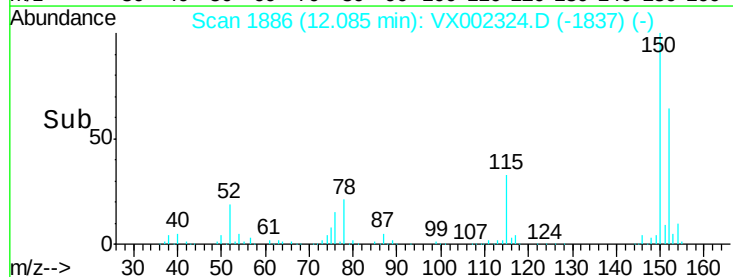
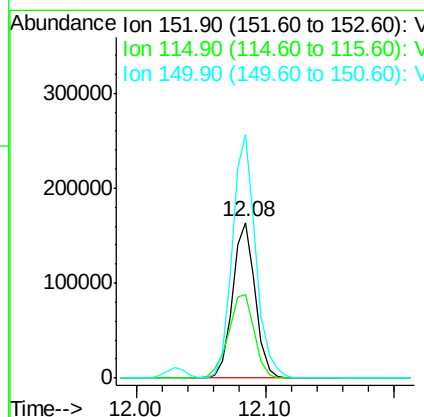
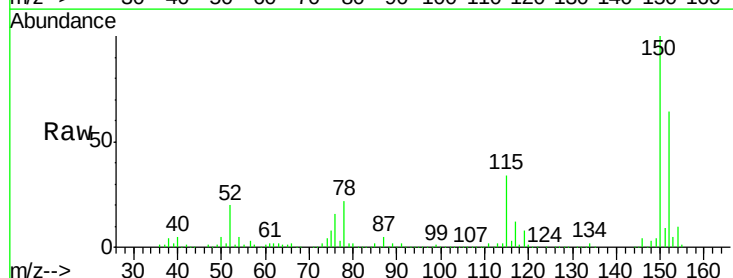
RT: 12.08 min Scan# 1886

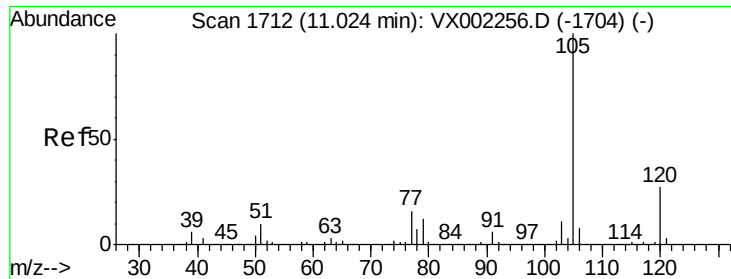
Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	40.1	120.2
150	162.3	0.0	347.2





#73

Isopropylbenzene

Concen: 17.588 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion:105 Resp: 244314

Ion Ratio Lower Upper

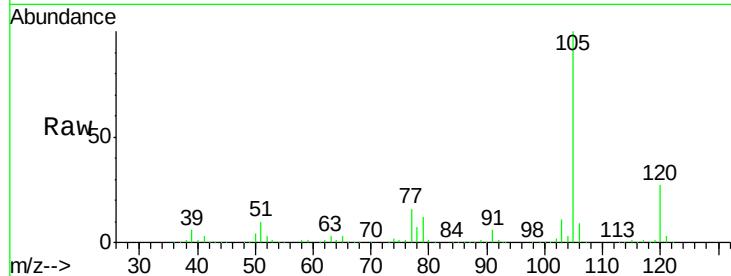
105 100

120 26.9 13.5 40.4

Manual Integrations
APPROVED

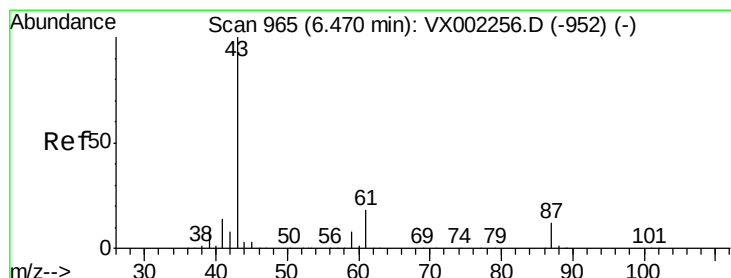
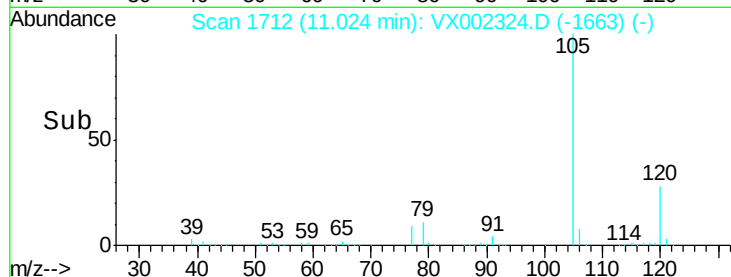
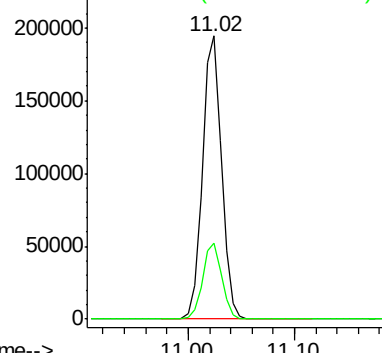
MMDadoda

6/6/2018 4:10:46 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.016 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion: 43 Resp: 134841

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.2 0.0 0.0#

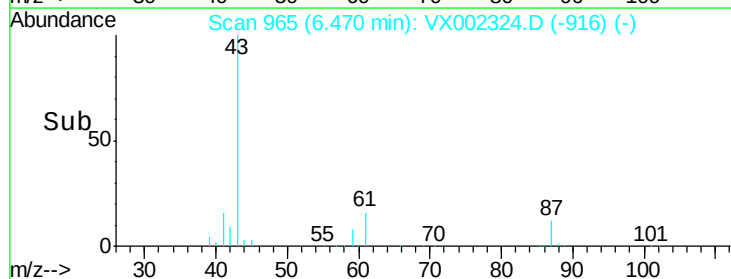
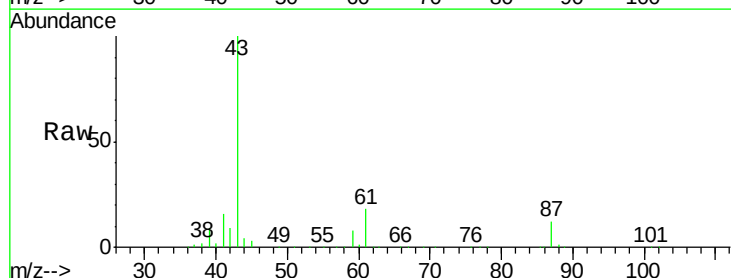
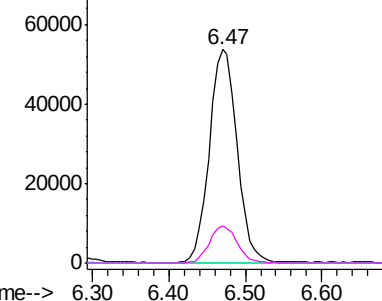
61 17.6 14.4 21.6

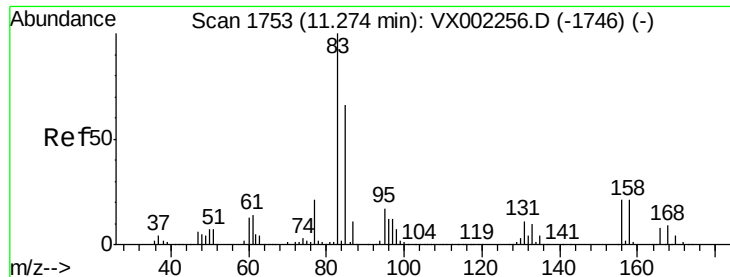
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.634 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

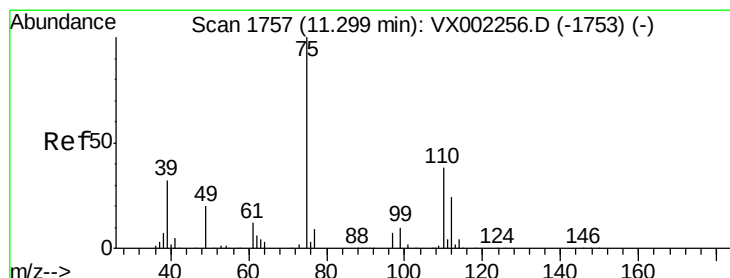
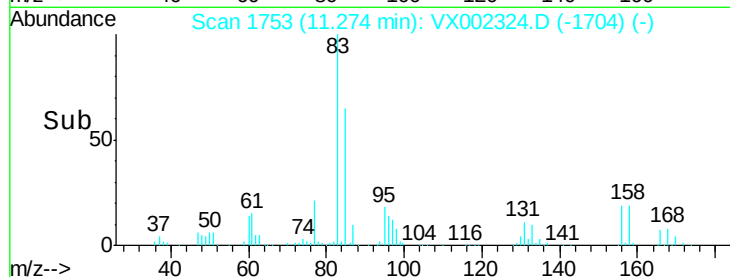
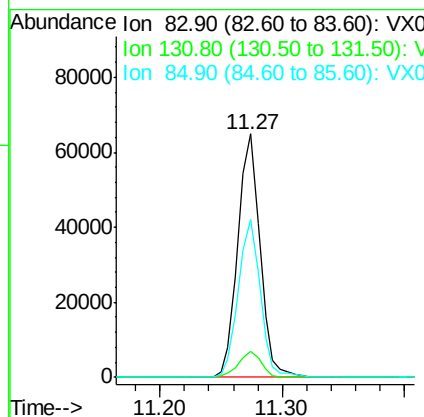
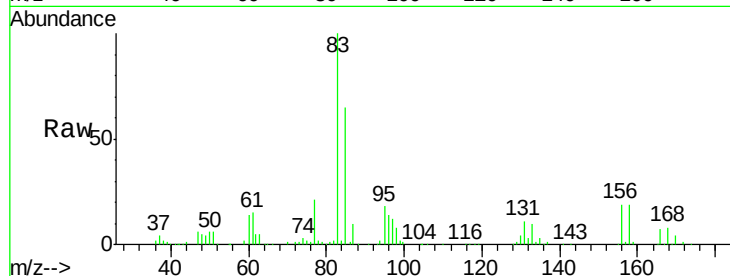
ClientSampleId :

VX0605WBSD02

Tot Ion:	83	Resp:	81410
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	64.5	32.4	97.2

Manual Integrations
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6/6/2018 4:10:46 PM



#76

1,2,3-Trichloropropane

Concen: 18.079 ug/l m

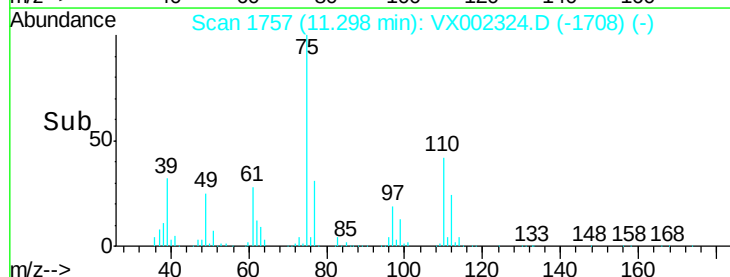
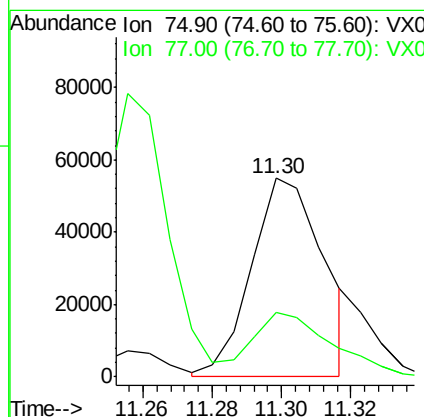
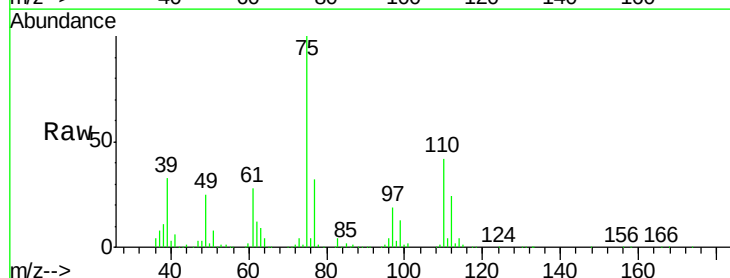
RT: 11.30 min Scan# 1757

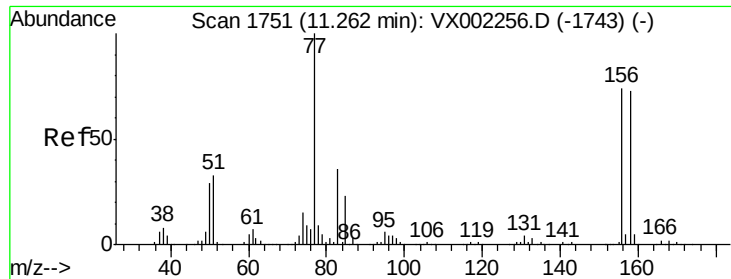
Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion:	75	Resp:	79214
Ion	Ratio	Lower	Upper
75	100		
77	36.8	22.8	68.3





#77

Bromobenzene

Concen: 18.437 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleID :

VX0605WBSD02

Tot Ion:156 Resp: 71896

Ion Ratio Lower Upper

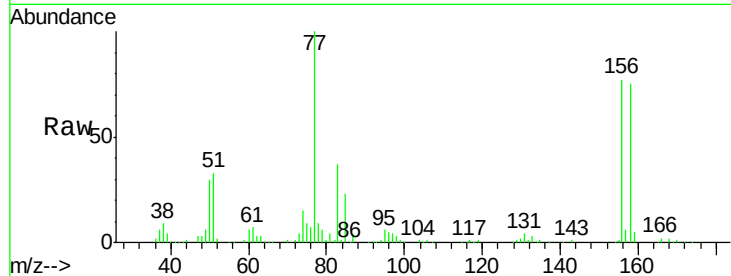
156 100

77 141.4 71.4 214.2

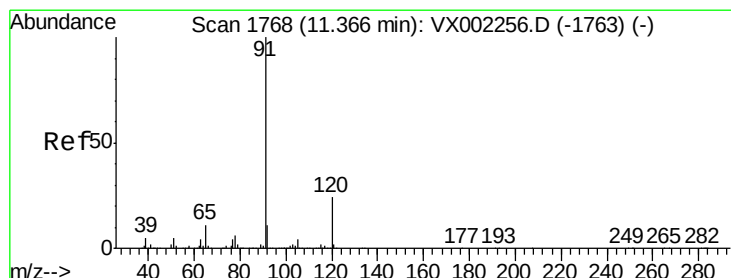
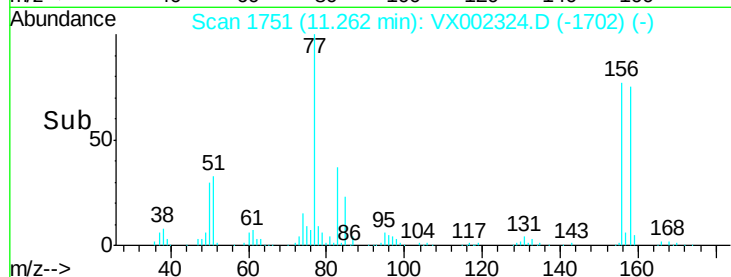
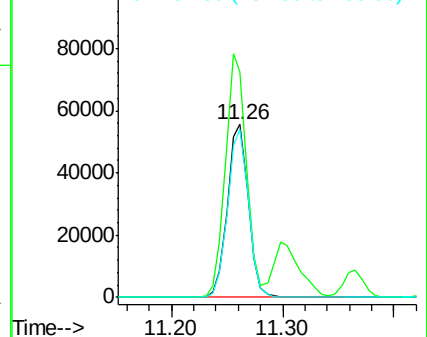
158 97.3 48.9 146.6

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.453 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002324.D

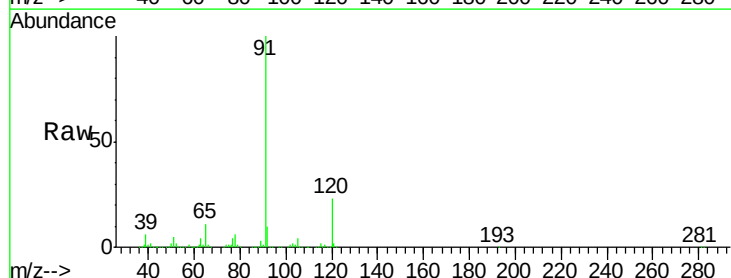
Acq: 06 Jun 2018 00:24

Tgt Ion: 91 Resp: 269455

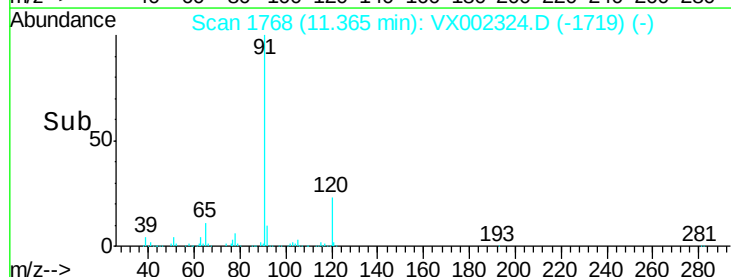
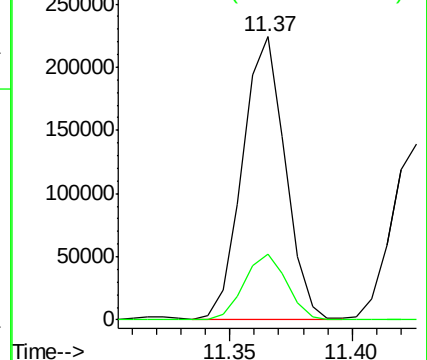
Ion Ratio Lower Upper

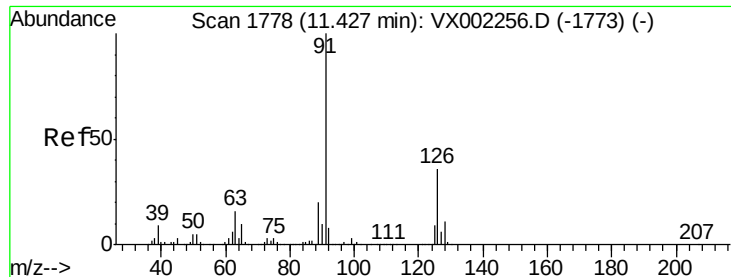
91 100

120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.717 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampled :

VX0605WBSD02

Tot Ion: 91 Resp: 172718

Ion Ratio Lower Upper

91 100

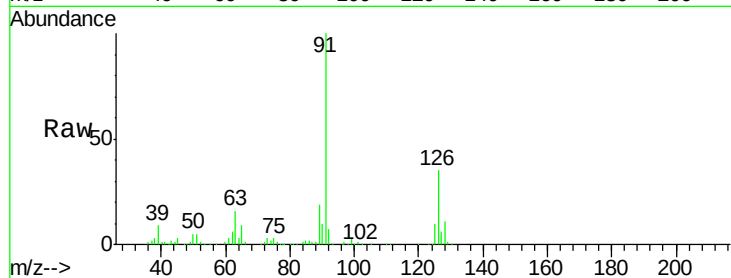
126 35.5 17.7 53.1

Manual Integrations

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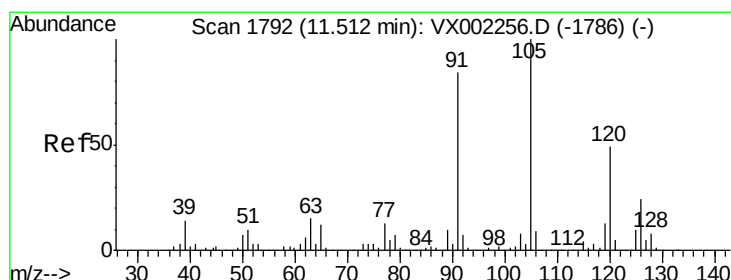
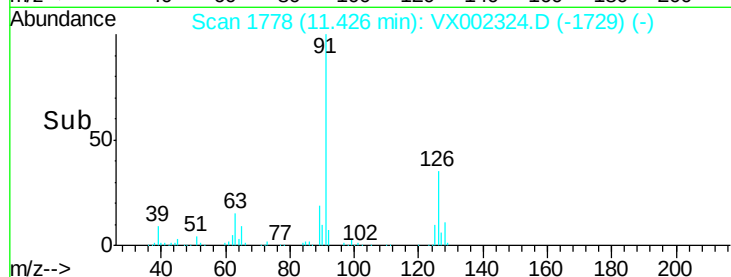
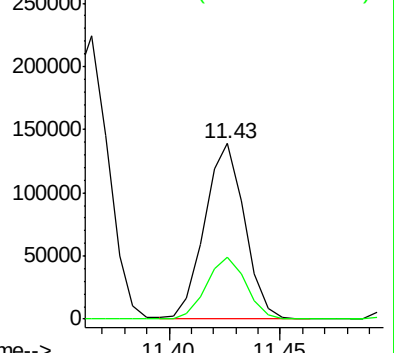
MMDadoda

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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: 17.561 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002324.D

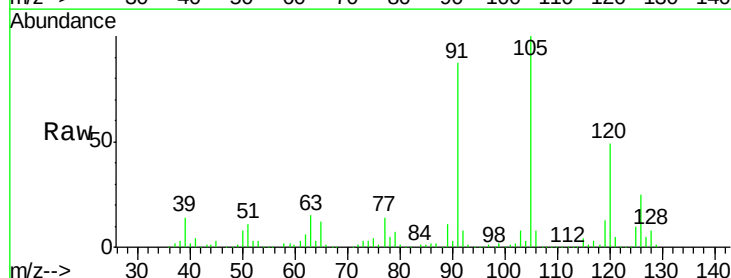
Acq: 06 Jun 2018 00:24

Tgt Ion: 105 Resp: 209230

Ion Ratio Lower Upper

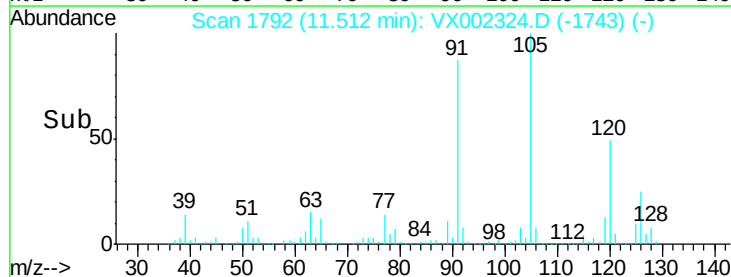
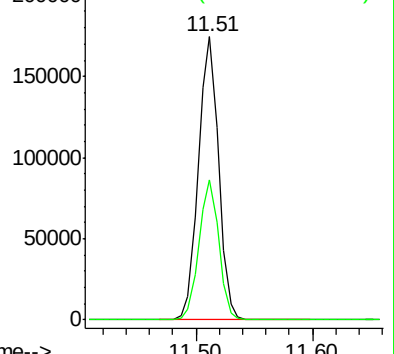
105 100

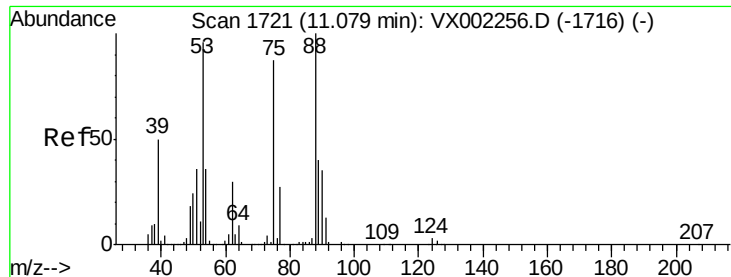
120 48.8 24.4 73.4



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: 13.365 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion: 75 Resp: 16706

Ion Ratio Lower Upper

75 100

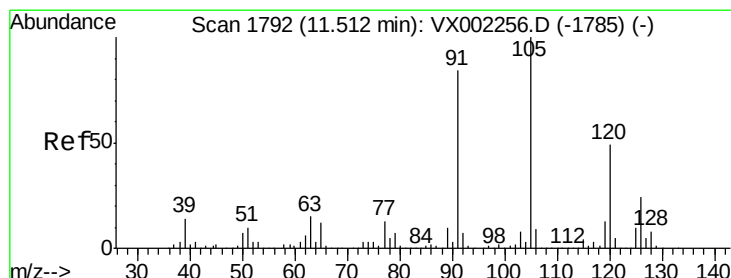
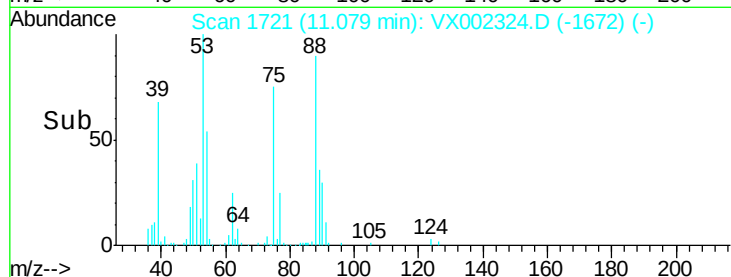
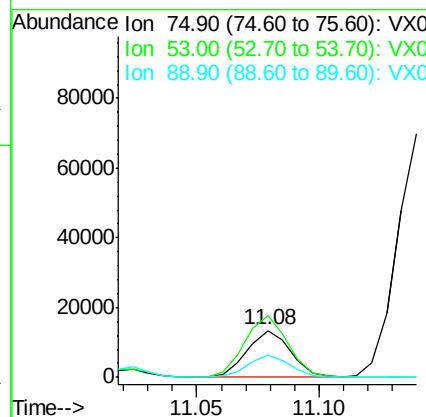
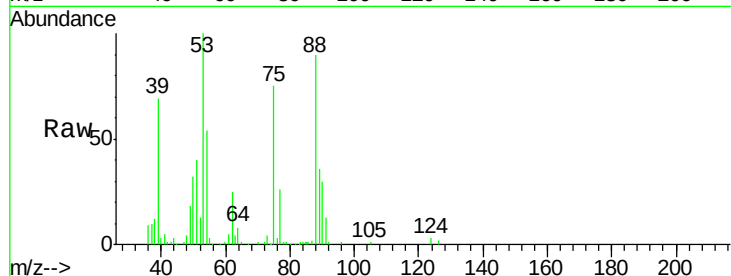
53 131.5 86.8 130.2#

89 46.5 38.2 57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.805 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002324.D

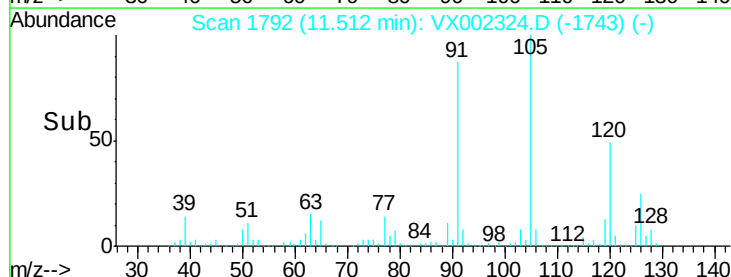
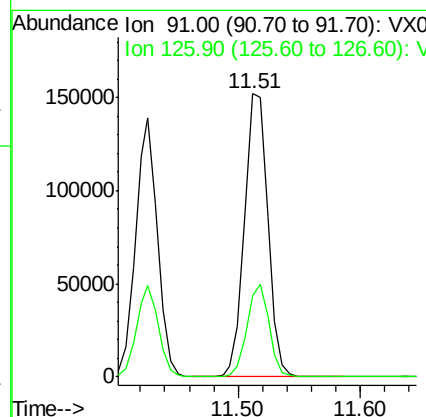
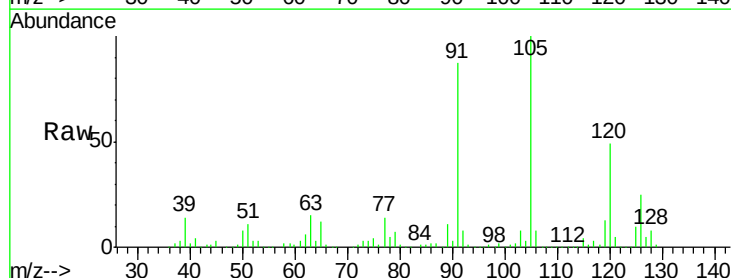
Acq: 06 Jun 2018 00:24

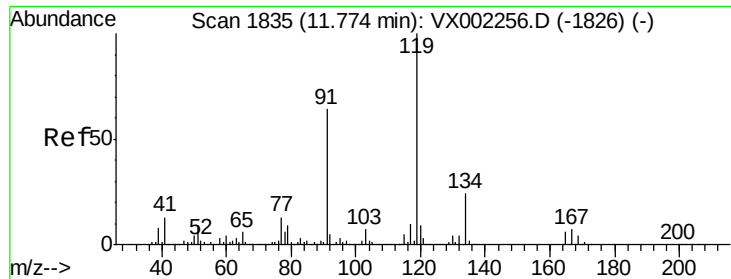
Tgt Ion: 91 Resp: 200349

Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.4





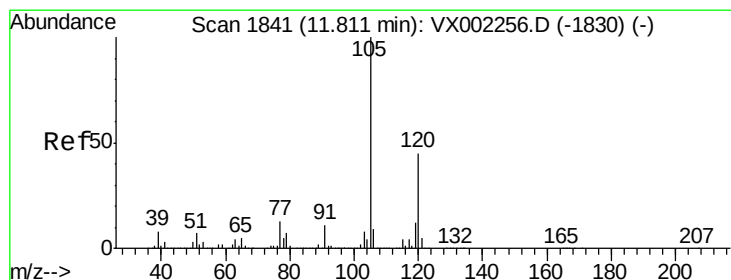
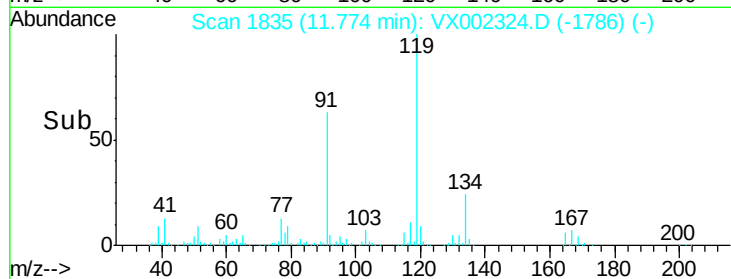
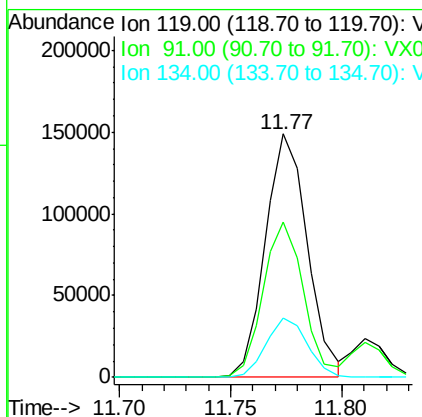
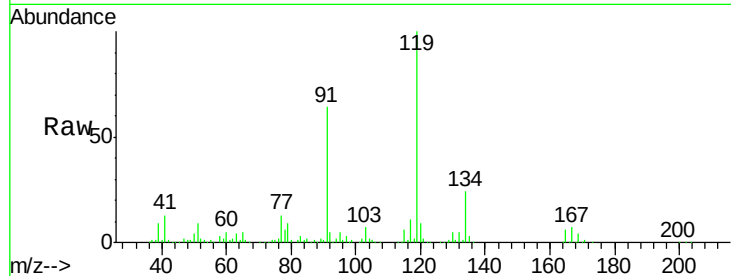
#83
 tert-Butylbenzene
 Concen: 16.819 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	195135		
91	61.4	30.3	90.9	
134	24.1	11.7	35.1	

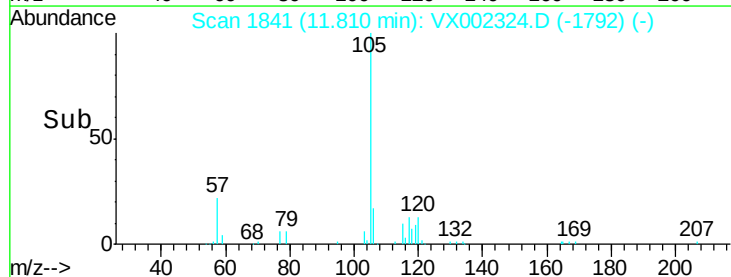
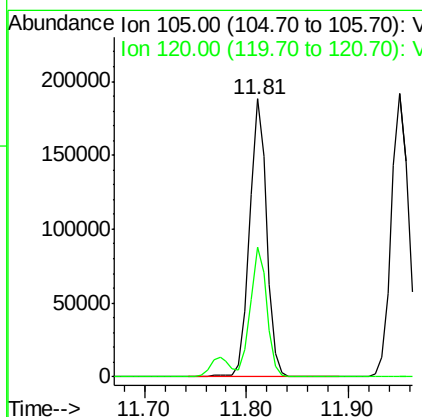
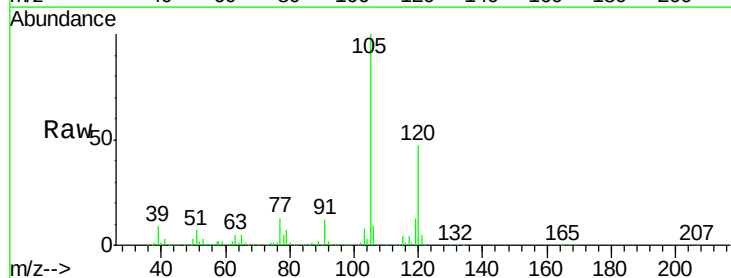
Manual Integrations
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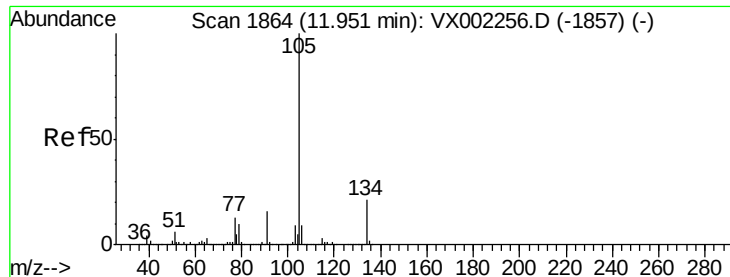
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.970 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220393		
120	44.9	22.3	66.8	





#85

sec-Butylbenzene

Concen: 16.884 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD02

Tot Ion:105 Resp: 229651

Ion Ratio Lower Upper

105 100

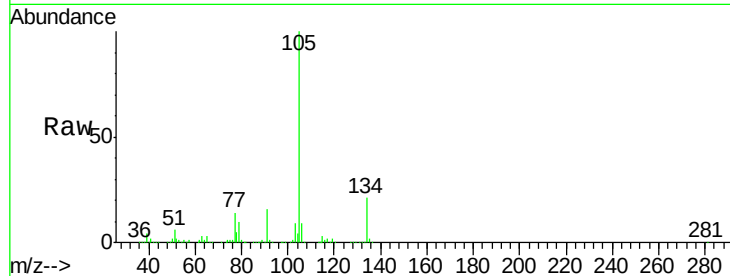
134 20.7 10.4 31.1

Manual Integrations

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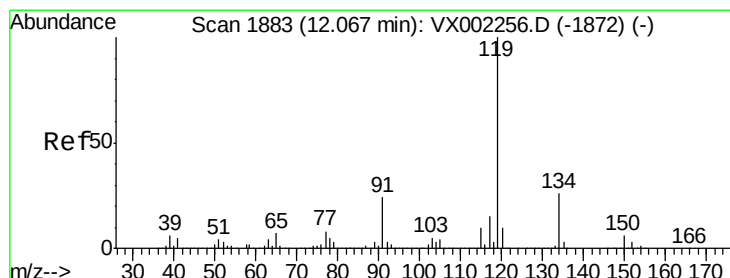
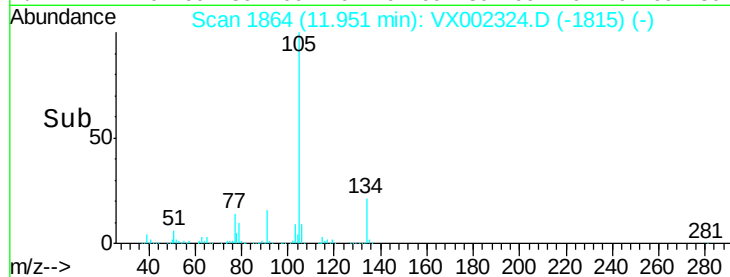
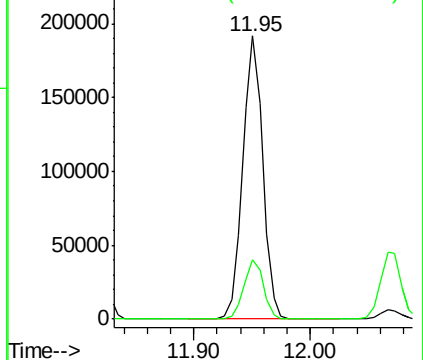
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.815 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

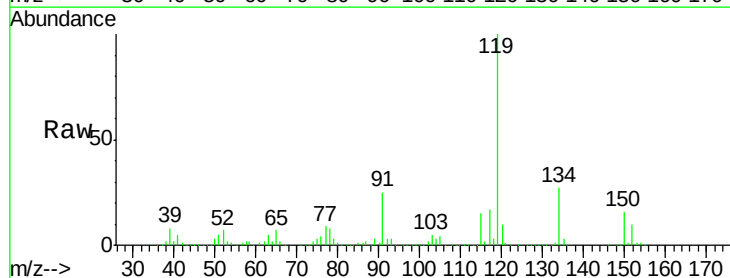
Tgt Ion:119 Resp: 208323

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

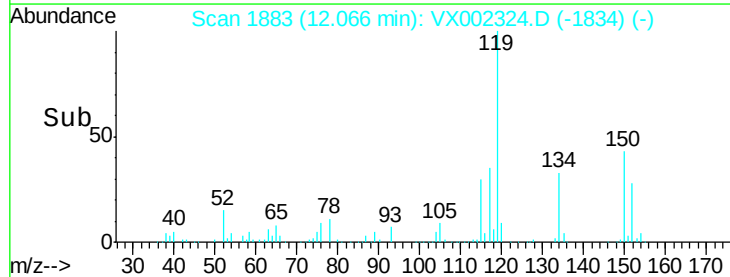
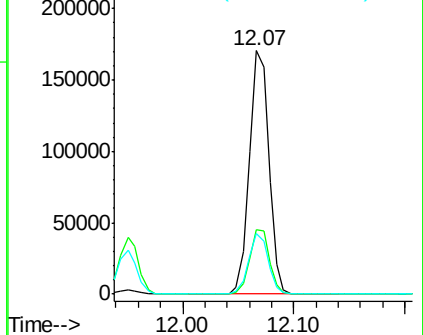
91 24.7 11.9 35.7

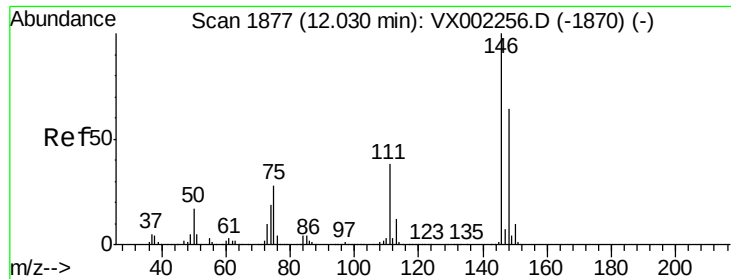


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.802 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

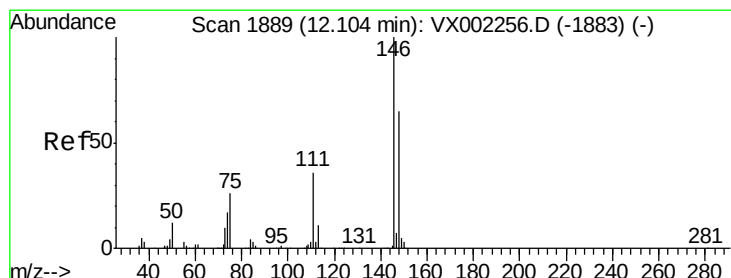
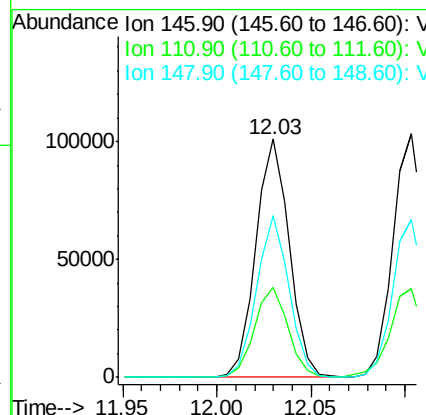
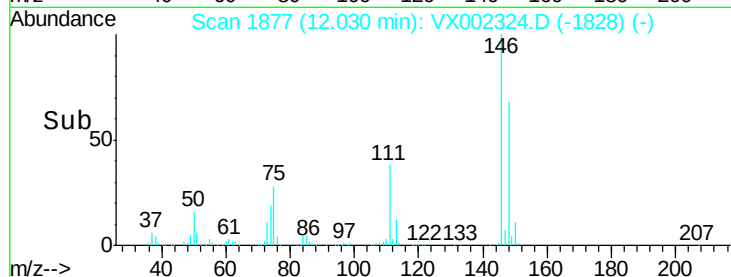
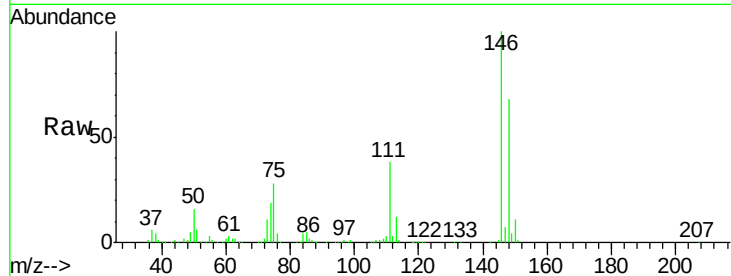
ClientSampleId :

VX0605WBSD02

Tot Ion:	146	Resp:	124125
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.9	56.7
148	65.6	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.517 ug/l

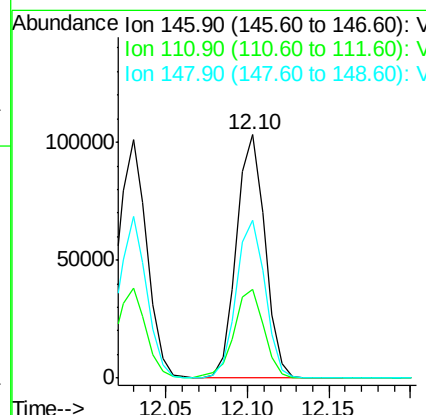
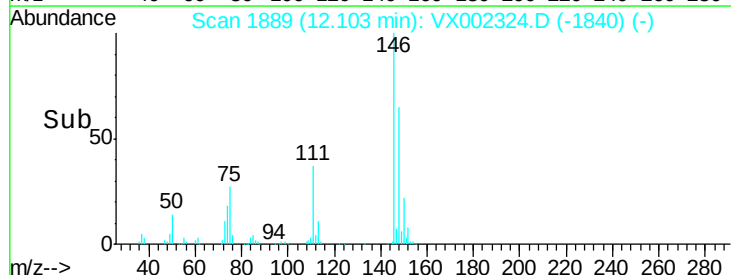
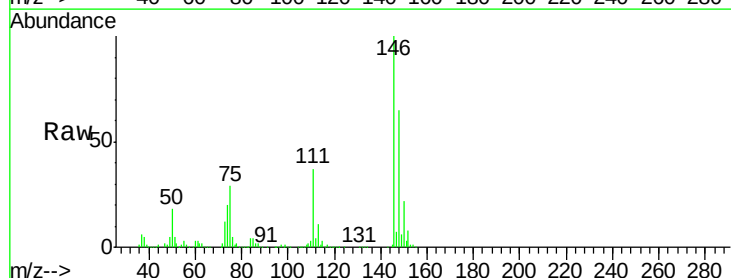
RT: 12.10 min Scan# 1889

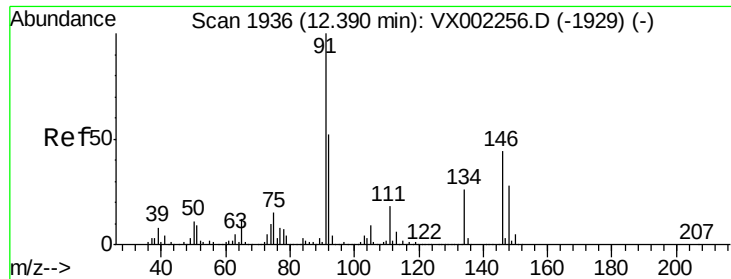
Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion:	146	Resp:	125895
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.7	56.1
148	65.4	32.4	97.0





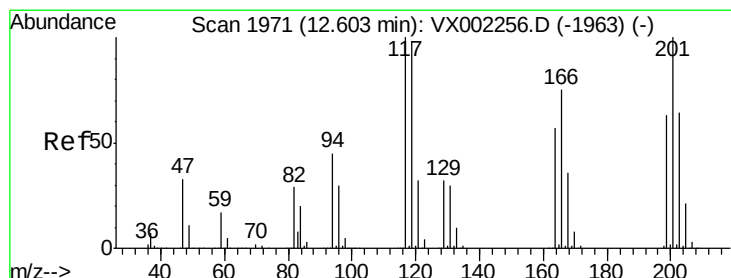
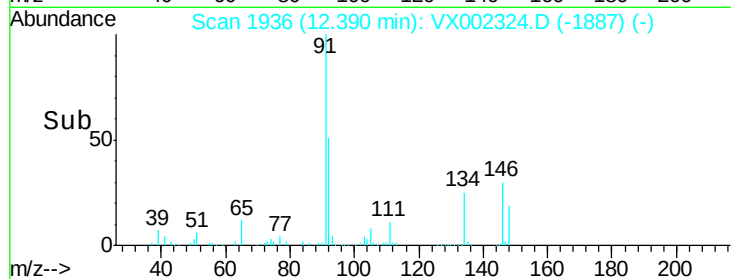
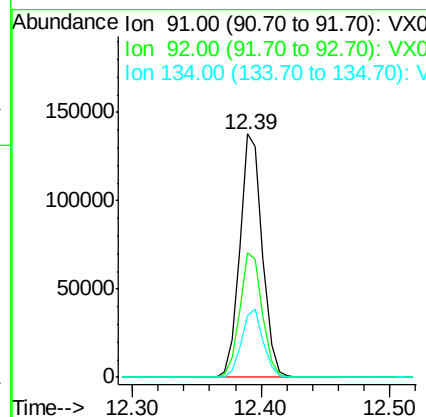
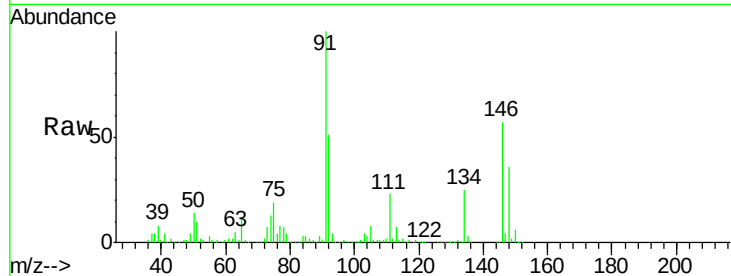
#89
n-Butylbenzene
Concen: 16.063 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.0	78.0
134	27.1	13.5	40.5

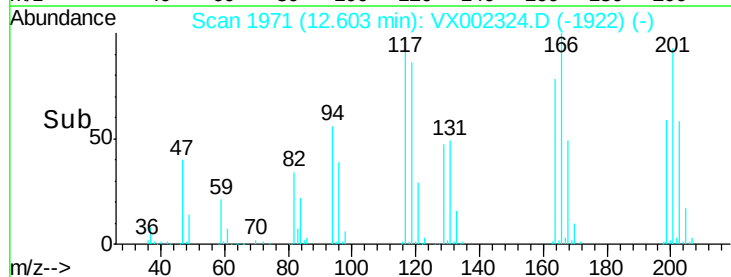
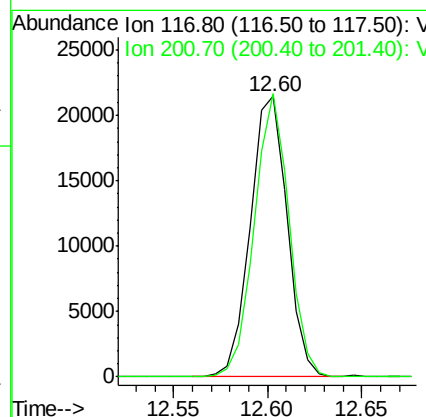
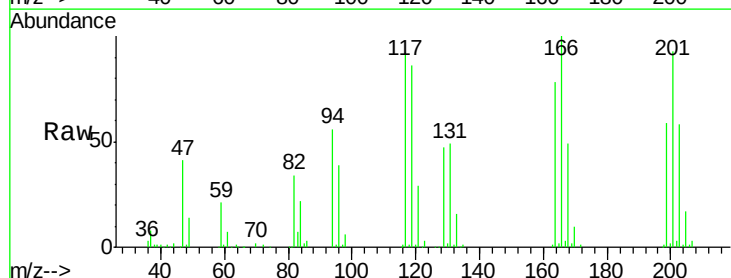
Manual Integrations
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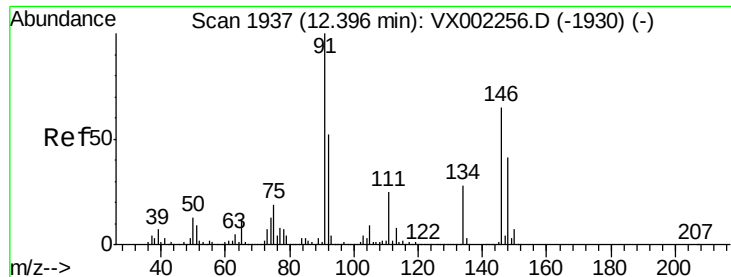
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6/6/2018 4:10:46 PM



#90
Hexachloroethane
Concen: 14.665 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002324.D
Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.5	49.0	147.0





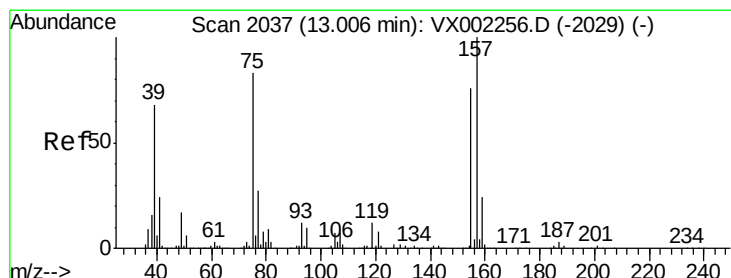
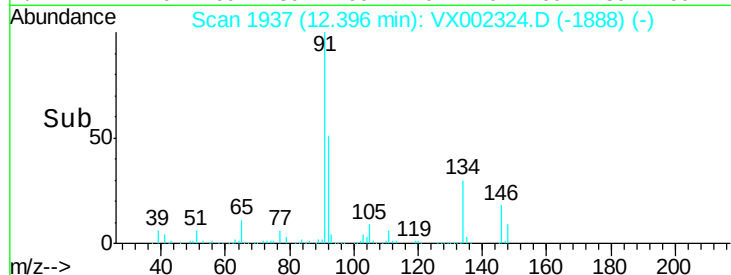
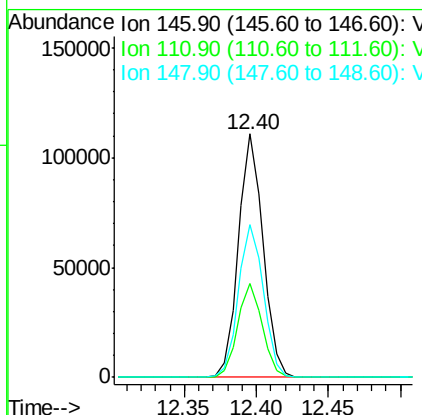
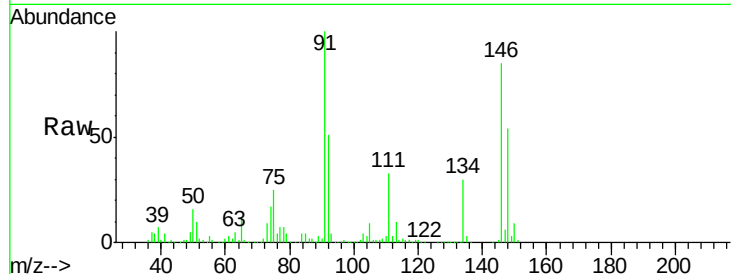
#91
 1,2-Dichlorobenzene
 Concen: 18.304 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	64.2	31.7	95.1

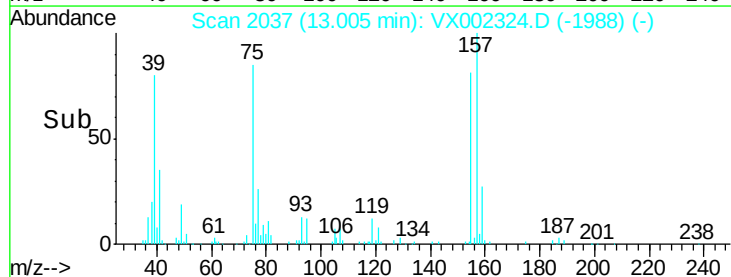
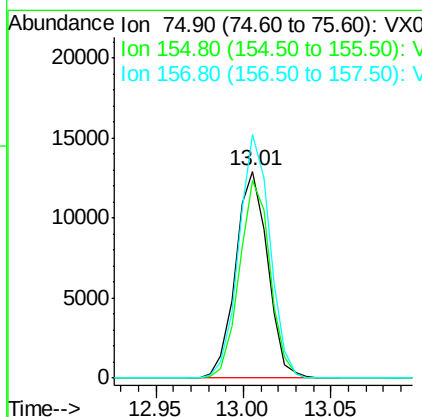
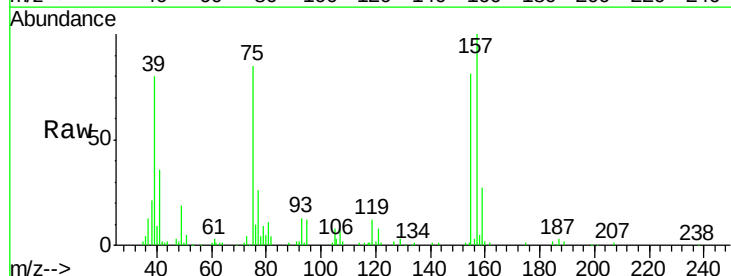
Manual Integrations
 APPROVED

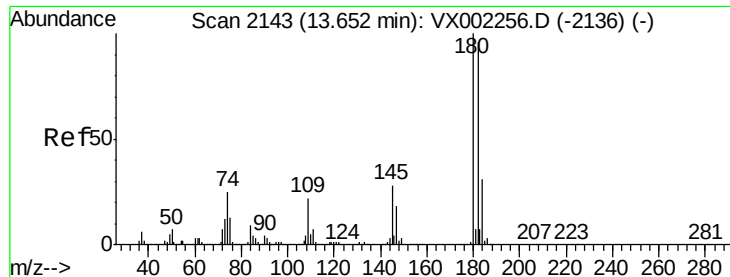
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.207 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	45.8	137.4
157	114.5	60.1	180.3





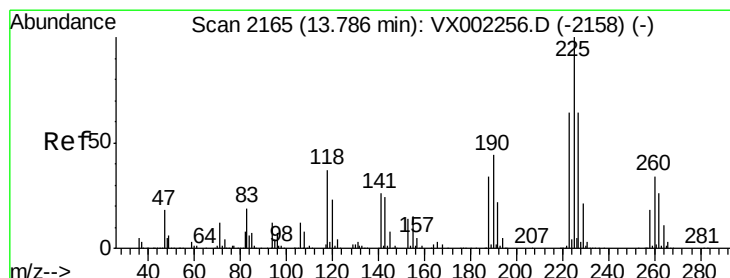
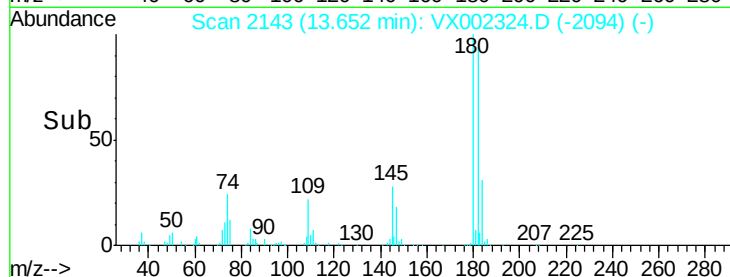
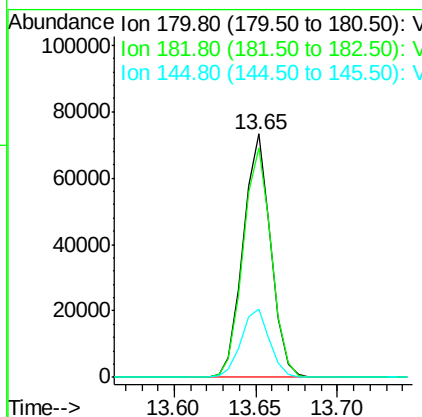
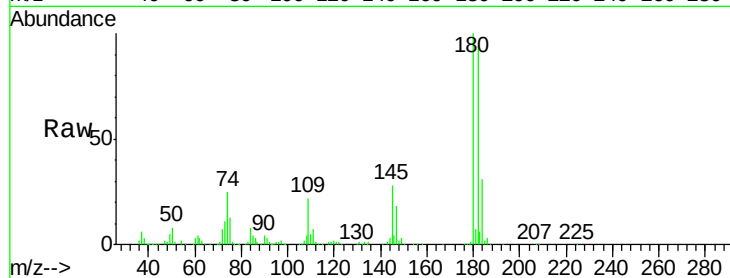
#93
 1,2,4-Trichlorobenzene
 Concen: 17.066 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	86329		
182	96.8	47.7	143.1	
145	29.0	14.1	42.4	

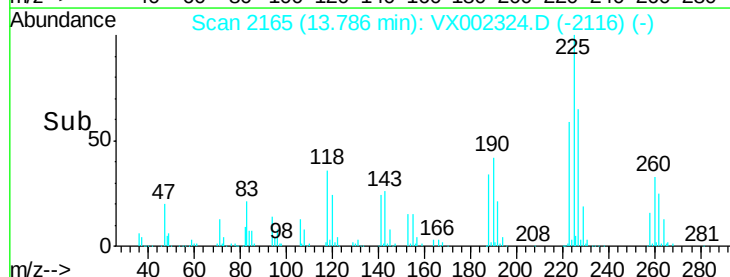
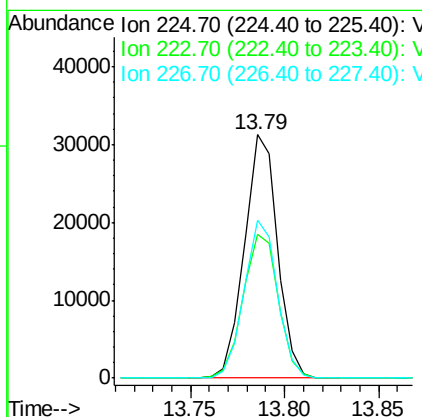
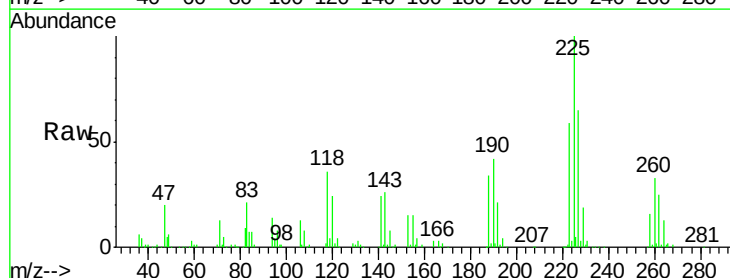
Manual Integrations
 APPROVED

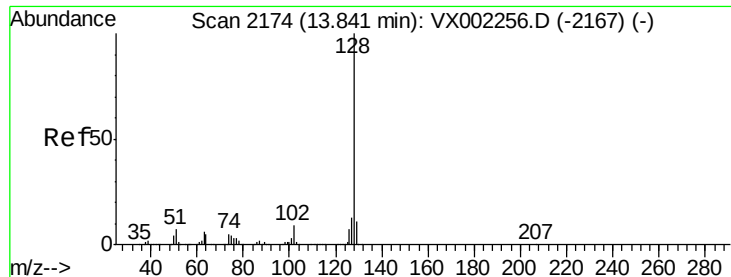
MMDadoda
 6/6/2018 4:10:46 PM



#94
 Hexachlorobutadiene
 Concen: 15.246 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002324.D
 Acq: 06 Jun 2018 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38111		
223	62.7	31.6	95.0	
227	64.9	32.4	97.2	





#95

Naphthalene

Concen: 18.712 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Instrument :

MSVOA_X

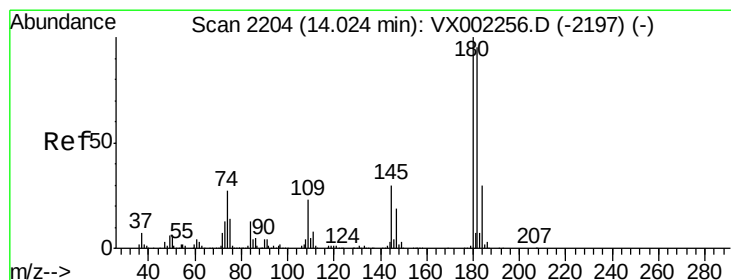
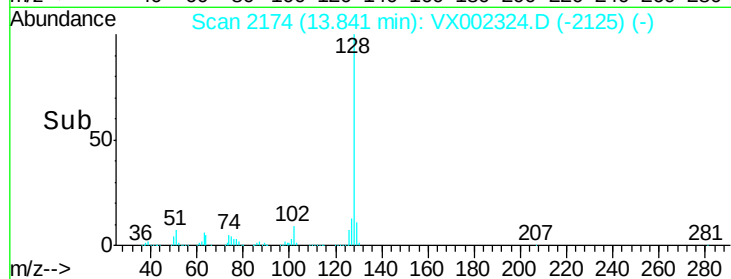
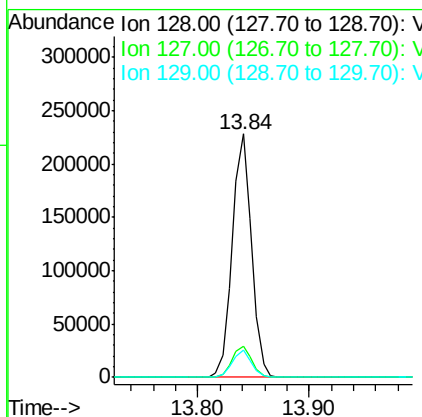
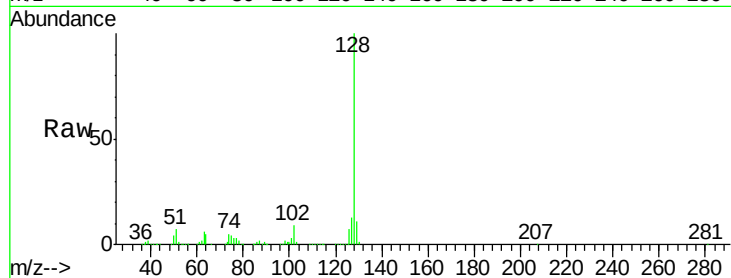
ClientSampleId :

VX0605WBSD02

Tot Ion:	128	Resp:	271966
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:46 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.232 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002324.D

Acq: 06 Jun 2018 00:24

Tgt Ion:	180	Resp:	94060
Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.0	144.0
145	29.8	14.8	44.3

