

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX060418\
 Data File : VX002253.D
 Acq On : 04 Jun 2018 10:06
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:00 PM

Quant Time: Jun 05 02:12:17 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 02:06:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186870	50.00	ug/l	0.00

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2639	1.04	ug/l	89
3) Chloromethane	1.32	50	4048	1.22	ug/l	99
4) Vinyl Chloride	1.41	62	3346	1.05	ug/l	92
5) Bromomethane	1.64	94	4819	1.90	ug/l	85
6) Chloroethane	1.71	64	2268	1.10	ug/l	93
7) Trichlorofluoromethane	1.93	101	5170	1.07	ug/l	95
8) Diethyl Ether	2.19	74	2354	1.19	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2749	1.05	ug/l	93
12) 1,1-Dichloroethene	2.37	96	2888	1.12	ug/l	95
14) Allyl chloride	2.73	41	6616	1.18	ug/l	97
15) Acrylonitrile	3.15	53	9252	5.58	ug/l	99
16) Acetone	2.45	43	10032	5.77	ug/l	99
17) Carbon Disulfide	2.57	76	7563	1.11	ug/l	98
18) Methyl Acetate	2.78	43	5054	1.23	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	11669	1.14	ug/l	97
20) Methylene Chloride	2.86	84	5224	1.51	ug/l #	84
21) trans-1,2-Dichloroethene	3.17	96	3320	1.16	ug/l	84
22) Diisopropyl ether	3.87	45	12676	1.21	ug/l	95
23) Vinyl Acetate	3.82	43	52873	5.81	ug/l	99
24) 1,1-Dichloroethane	3.70	63	6038	1.09	ug/l	96
25) 2-Butanone	4.71	43	12784	5.36	ug/l	94
26) 2,2-Dichloropropane	4.59	77	4897	1.13	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	3555	1.15	ug/l #	1
28) Bromochloromethane	5.01	49	3167	1.18	ug/l #	91
29) Tetrahydrofuran	5.18	42	8588	5.59	ug/l	95
30) Chloroform	5.21	83	5966	1.11	ug/l #	76
31) Cyclohexane	5.57	56	4767	1.09	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	4600	1.01	ug/l #	49
36) 1,1-Dichloropropene	5.80	75	4239	1.10	ug/l #	89
37) Ethyl Acetate	4.86	43	4784	1.03	ug/l #	79
38) Carbon Tetrachloride	5.79	117	3988	0.99	ug/l	90
39) Methylcyclohexane	7.46	83	4272	0.97	ug/l	89
40) Benzene	6.15	78	12700	1.07	ug/l	94
41) Methacrylonitrile	5.06	41	2911	1.10	ug/l #	87

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Manual Integrations
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Quant Time: Jun 05 02:12:17 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	5197	1.11	ug/l	94
43) Isopropyl Acetate	6.46	43	8492	1.08	ug/l	97
44) Trichloroethene	7.21	130	3265	1.00	ug/l	97
45) 1,2-Dichloropropane	7.52	63	3490	1.09	ug/l	98
46) Dibromomethane	7.67	93	2534	1.17	ug/l	90
47) Bromodichloromethane	7.90	83	3932	1.00	ug/l	90
48) Methyl methacrylate	7.78	41	4070	1.03	ug/l	95
49) 1,4-Dioxane	7.76	88	1509	20.40	ug/l #	77
51) 4-Methyl-2-Pentanone	8.65	43	23856	4.86	ug/l	98
52) Toluene	8.79	92	7494	1.00	ug/l	96
53) t-1,3-Dichloropropene	8.44	75	4417	0.94	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	3927	0.89	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	3190	1.03	ug/l	92
56) Ethyl methacrylate	9.19	69	5087	1.03	ug/l	95
57) 1,3-Dichloropropane	9.37	76	5574	1.07	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	11276	4.93	ug/l	100
59) 2-Hexanone	9.50	43	17922	4.73	ug/l	98
60) Dibromochloromethane	9.59	129	2575	0.83	ug/l	95
61) 1,2-Dibromoethane	9.68	107	3171	0.98	ug/l	98
64) Tetrachloroethene	9.34	164	3613	1.03	ug/l	92
65) Chlorobenzene	10.14	112	9052	1.07	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	3018	0.98	ug/l #	67
67) Ethyl Benzene	10.26	91	13711	0.97	ug/l	94
68) m/p-Xylenes	10.37	106	10832	1.97	ug/l	96
69) o-Xylene	10.70	106	5451	0.99	ug/l	99
70) Styrene	10.71	104	8162	0.91	ug/l	94
71) Bromoform	10.86	173	2109	0.87	ug/l #	95
73) Isopropylbenzene	11.02	105	13226	1.02	ug/l	98
74) N-amyl acetate	6.46	43	8492	1.21	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	4805	1.18	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	4599m	1.23	ug/l	
77) Bromobenzene	11.26	156	3955	1.08	ug/l	97
78) n-propylbenzene	11.37	91	13829	0.96	ug/l	98
79) 2-Chlorotoluene	11.43	91	10094	1.11	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	11436	1.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	1074	0.92	ug/l #	63
82) 4-Chlorotoluene	11.51	91	10737	1.02	ug/l	99
83) tert-Butylbenzene	11.77	119	11024	1.02	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	11806	1.03	ug/l	98
85) sec-Butylbenzene	11.95	105	11782	0.93	ug/l	96
86) p-Isopropyltoluene	12.07	119	10624	0.92	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	7045	1.08	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	7817m	1.16	ug/l	
89) n-Butylbenzene	12.39	91	8284	0.85	ug/l	98
90) Hexachloroethane	12.60	117	1677	0.91	ug/l	88
91) 1,2-Dichlorobenzene	12.40	146	7378	1.09	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	787	0.88	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	4807	1.02	ug/l	98
94) Hexachlorobutadiene	13.79	225	2046	0.87	ug/l	91
95) Naphthalene	13.84	128	13706	1.01	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

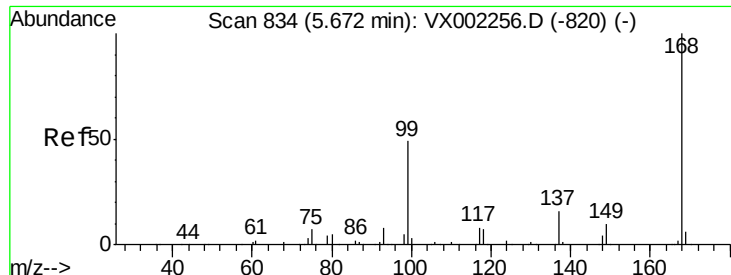
Manual Integrations
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Quant Time: Jun 05 02:12:17 2018
Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 02:06:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4994	1.03	ug/l	97

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



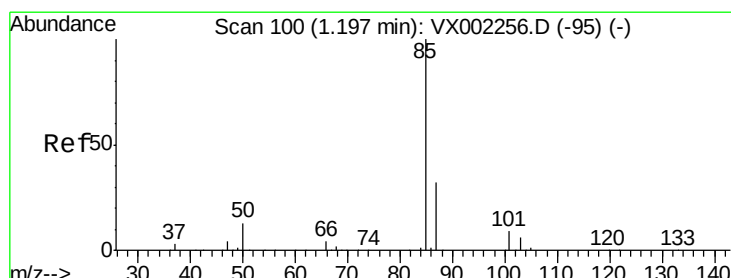
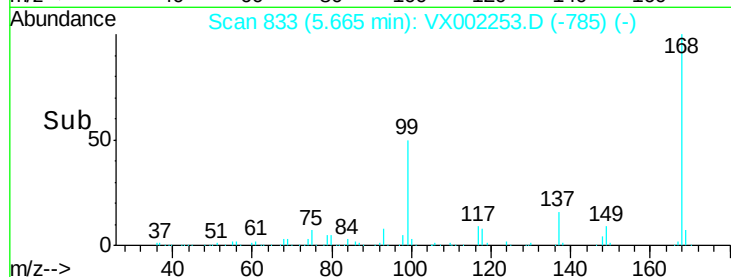
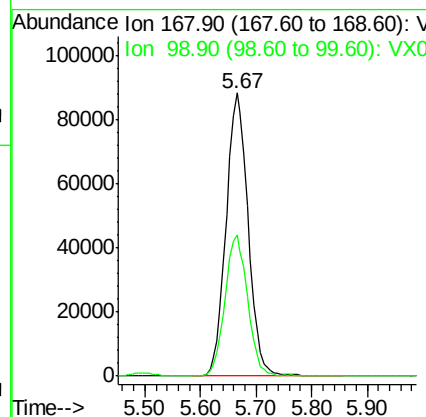
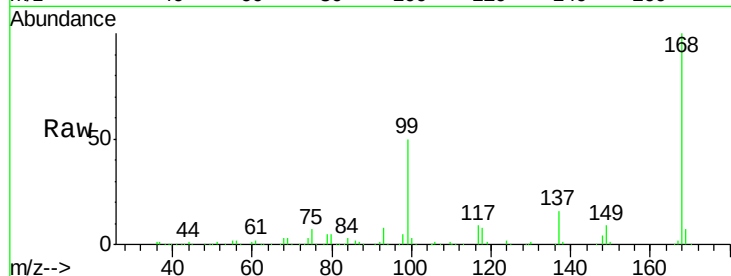
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:168 Resp: 243173
Ion Ratio Lower Upper
168 100
99 49.8 39.3 58.9

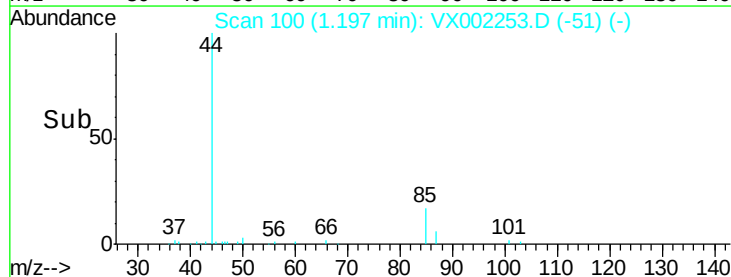
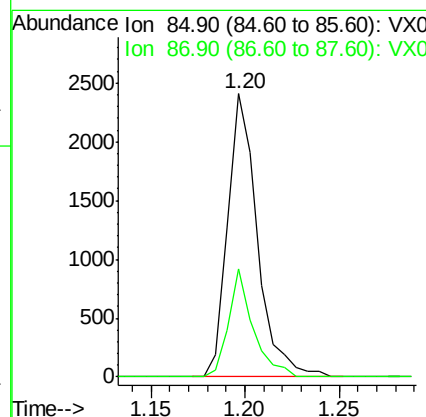
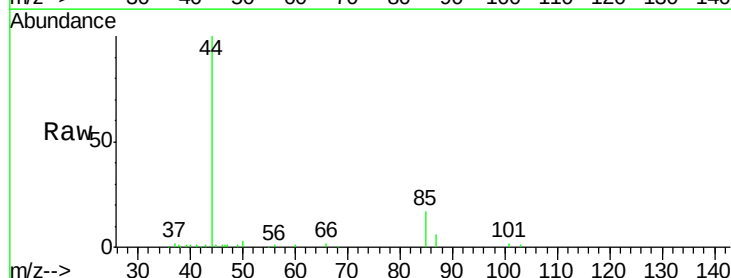
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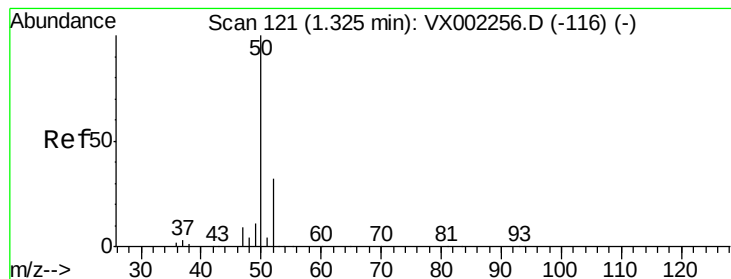
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#2
Dichlorodifluoromethane
Concen: 1.04 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Tgt Ion: 85 Resp: 2639
Ion Ratio Lower Upper
85 100
87 38.3 16.0 47.9





#3

Chloromethane

Concen: 1.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4048

Ion Ratio Lower Upper

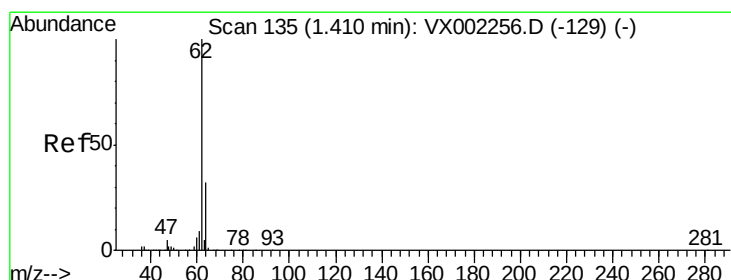
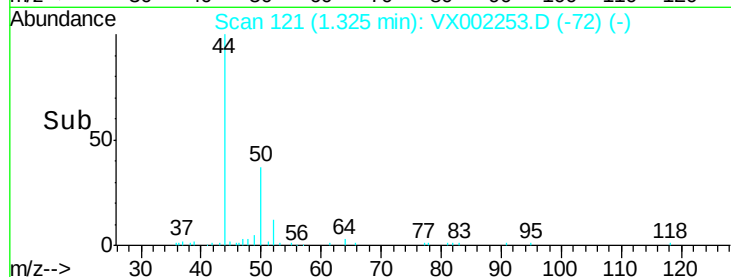
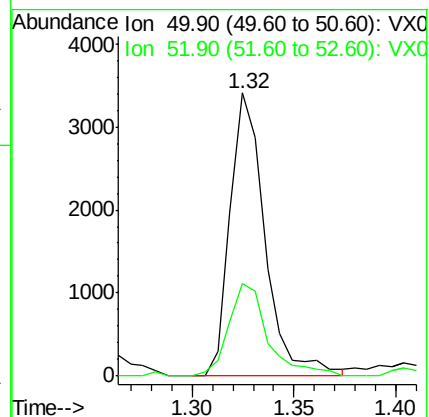
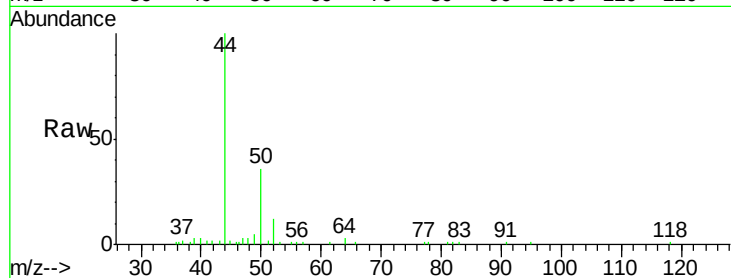
50 100

52 32.8 25.7 38.5

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#4

Vinyl Chloride

Concen: 1.05 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002253.D

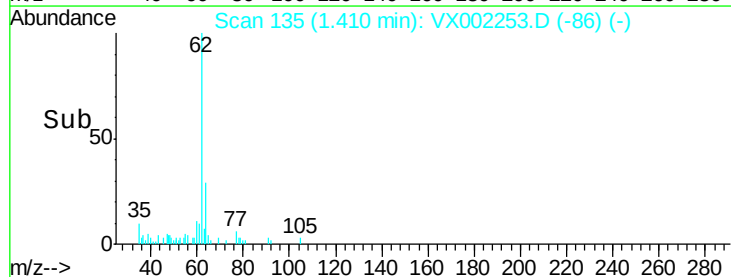
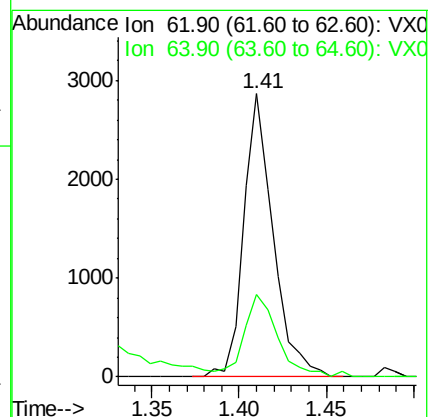
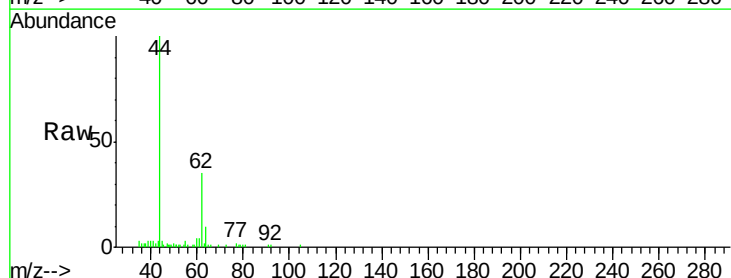
Acq: 04 Jun 2018 10:06

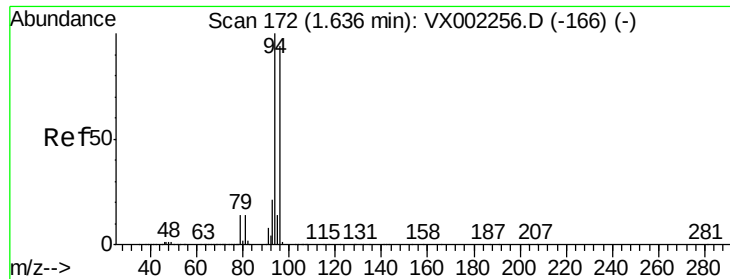
Tgt Ion: 62 Resp: 3346

Ion Ratio Lower Upper

62 100

64 27.5 25.4 38.2





#5

Bromomethane

Concen: 1.90 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 4819

Ion Ratio Lower Upper

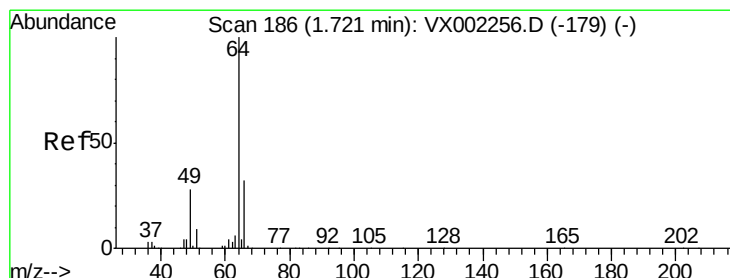
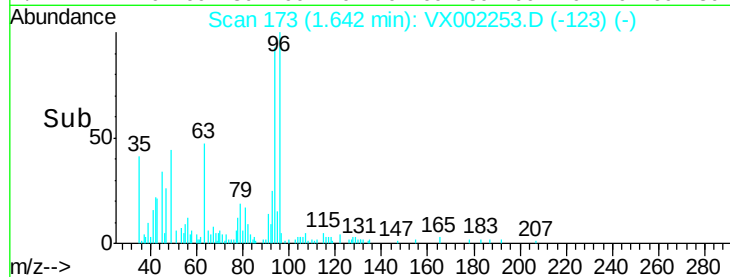
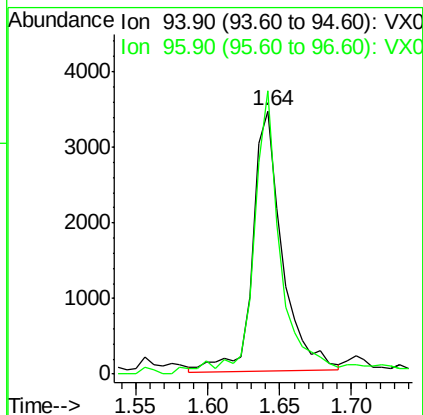
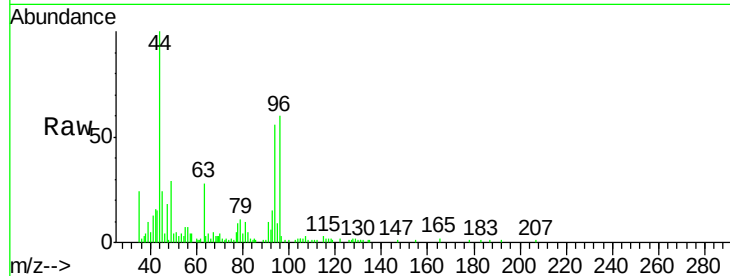
94 100

96 108.0 74.9 112.3

Manual Integrations
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#6

Chloroethane

Concen: 1.10 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002253.D

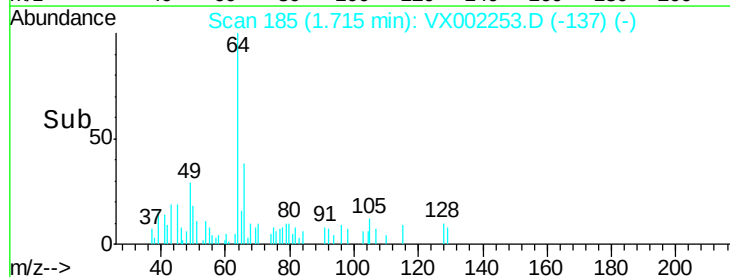
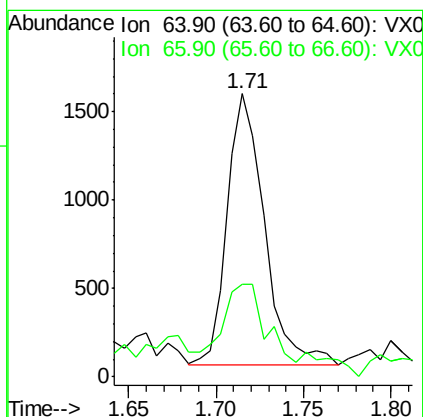
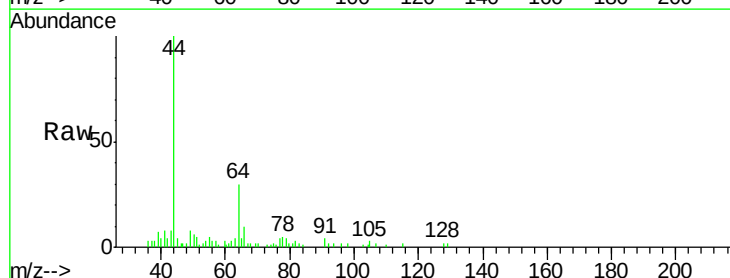
Acq: 04 Jun 2018 10:06

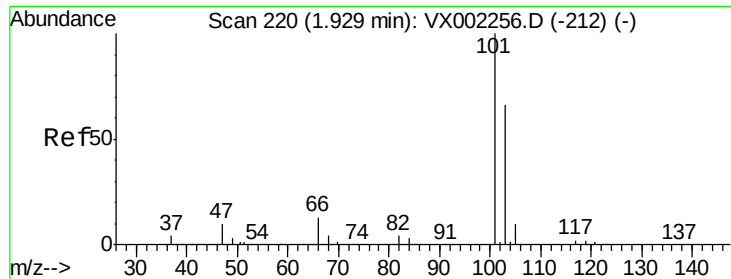
Tgt Ion: 64 Resp: 2268

Ion Ratio Lower Upper

64 100

66 28.1 25.5 38.3





#7

Trichlorofluoromethane

Concen: 1.07 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:101 Resp: 5170

Ion Ratio Lower Upper

101 100

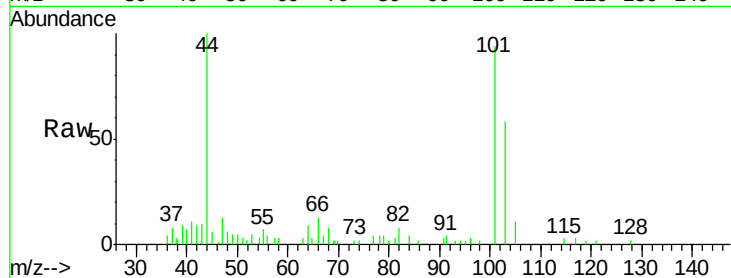
103 61.8 52.8 79.2

Manual Integrations

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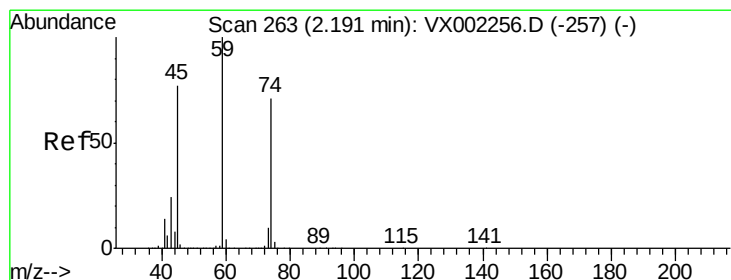
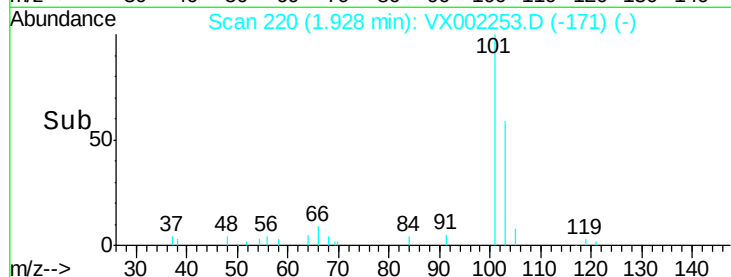
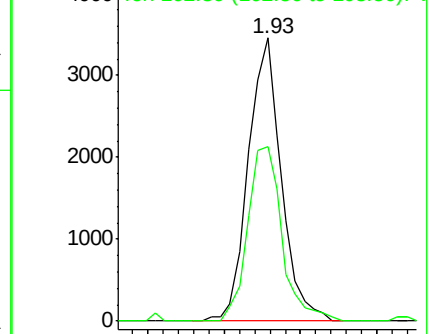
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.19 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX002253.D

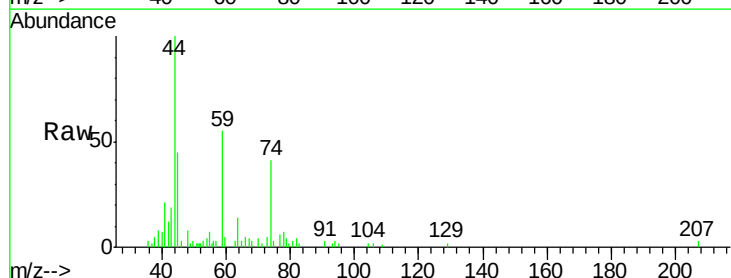
Acq: 04 Jun 2018 10:06

Tgt Ion: 74 Resp: 2354

Ion Ratio Lower Upper

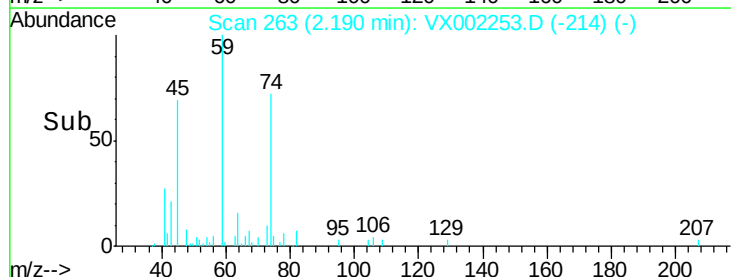
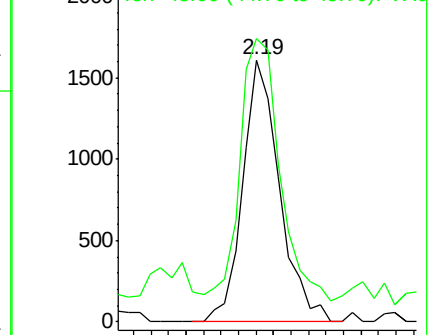
74 100

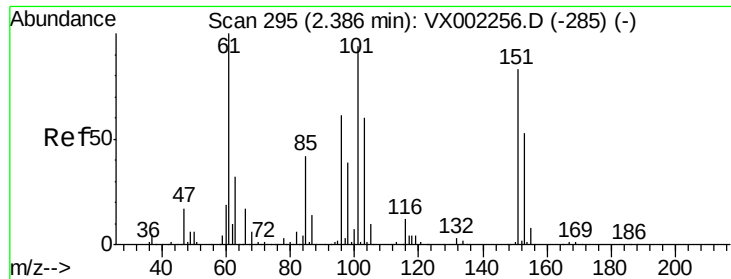
45 111.9 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.05 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

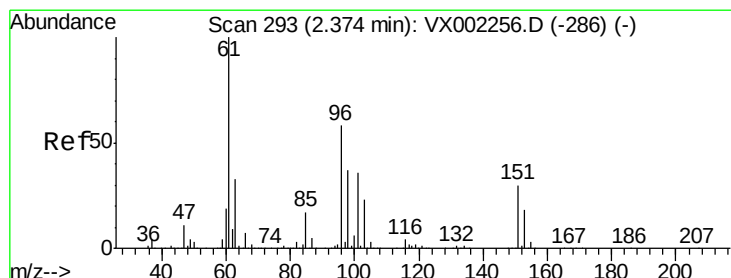
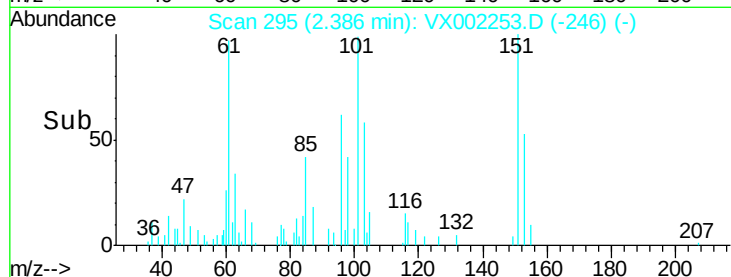
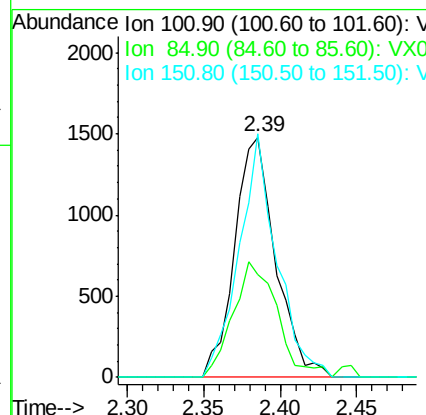
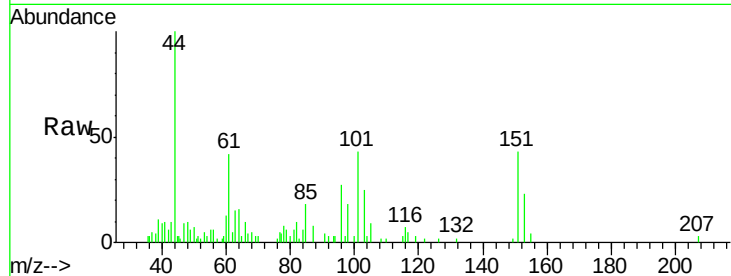
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	2749
Ion	Ratio	Lower	Upper
101	100		
85	52.2	36.0	54.0
151	93.0	70.9	106.3

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#12

1,1-Dichloroethene

Concen: 1.12 ug/l

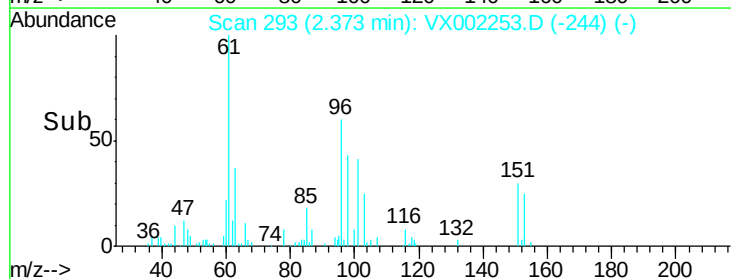
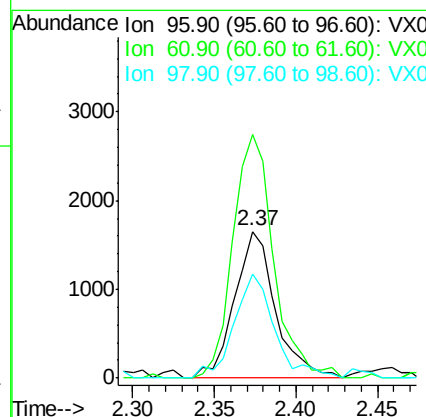
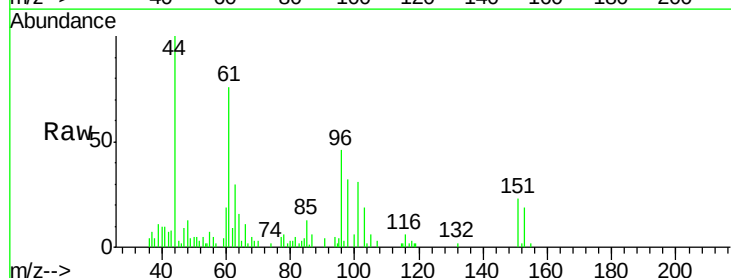
RT: 2.37 min Scan# 293

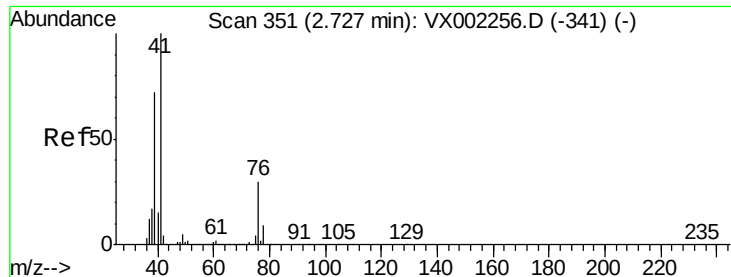
Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tgt Ion:	96	Resp:	2888
Ion	Ratio	Lower	Upper
96	100		
61	166.2	137.9	206.9
98	70.8	51.6	77.4





#14

Allvl chloride

Concen: 1.18 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

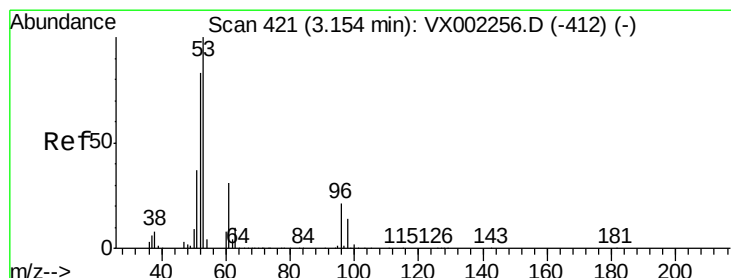
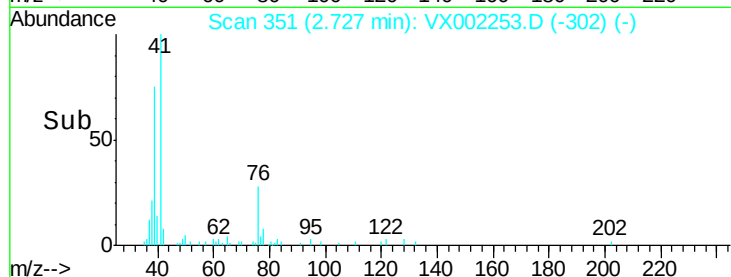
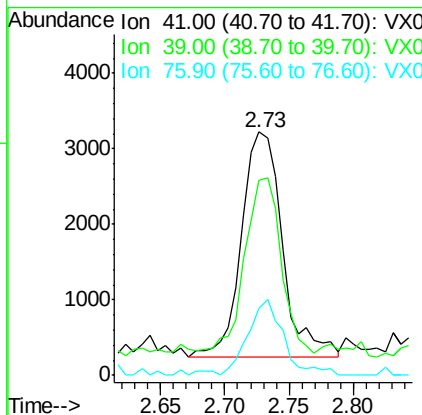
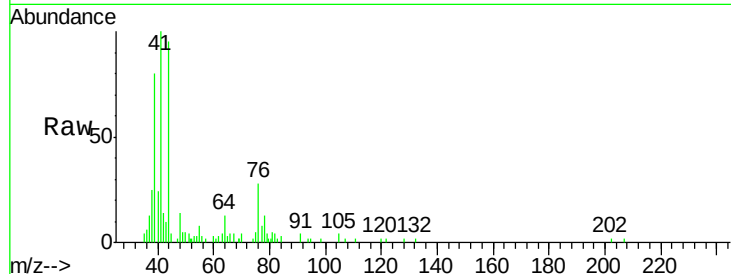
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	6616
Ion	Ratio	Lower	Upper
41	100		
39	68.1	56.8	85.2
76	29.0	23.8	35.8

Manual Integrations
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#15

Acrylonitrile

Concen: 5.58 ug/l

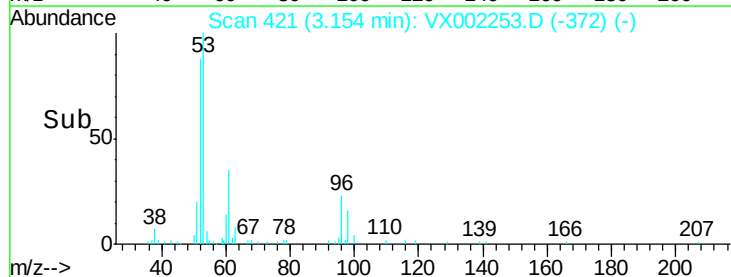
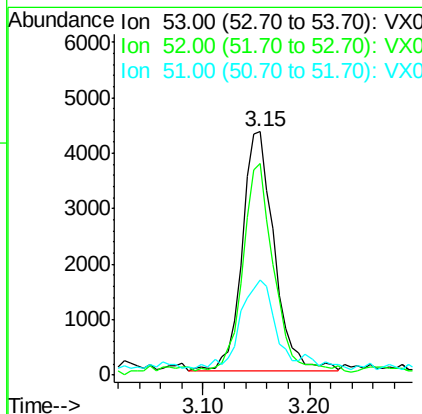
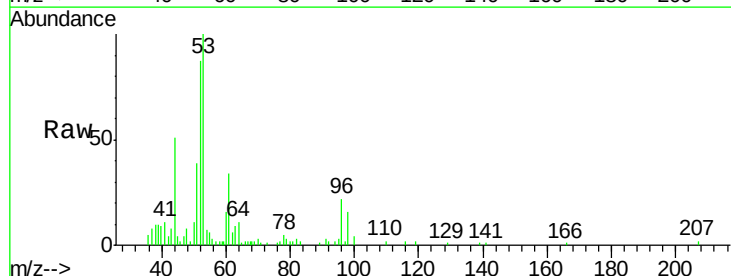
RT: 3.15 min Scan# 421

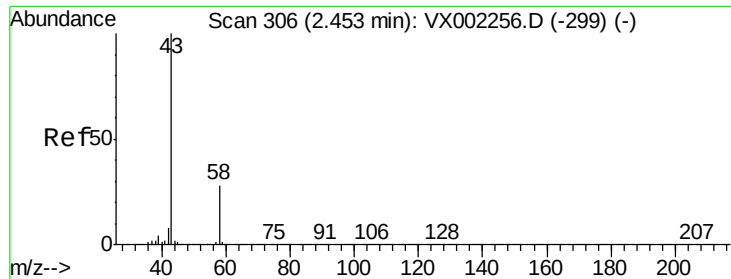
Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tgt Ion:	53	Resp:	9252
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.7	100.1
51	38.1	29.9	44.9





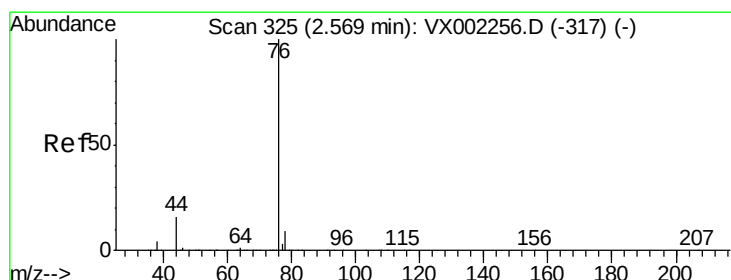
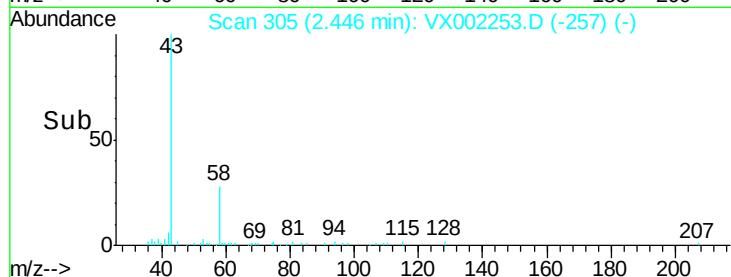
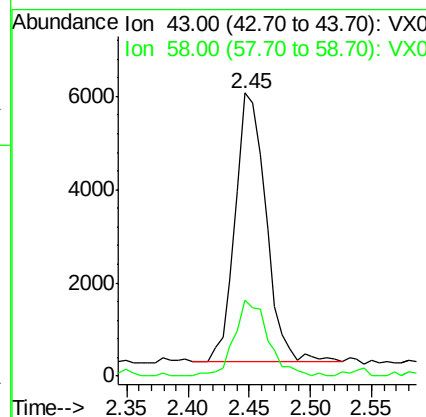
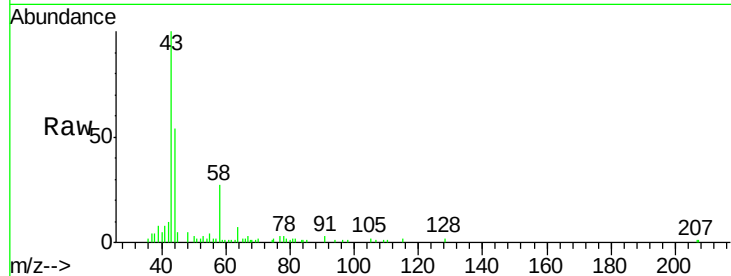
#16
Acetone
Concen: 5.77 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	43	Resp	10032
Ion Ratio	43	100	
	58	28.1	22.1 33.1

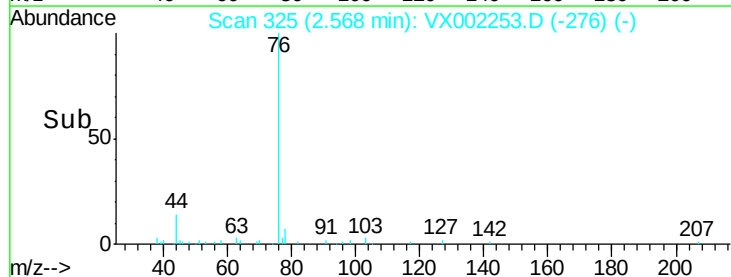
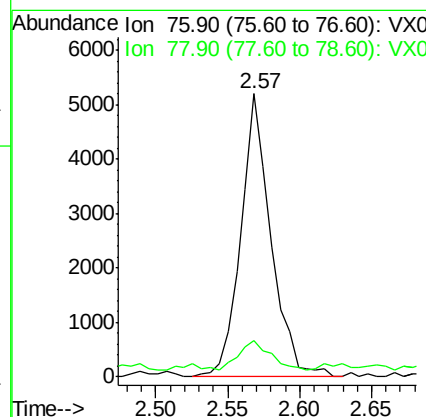
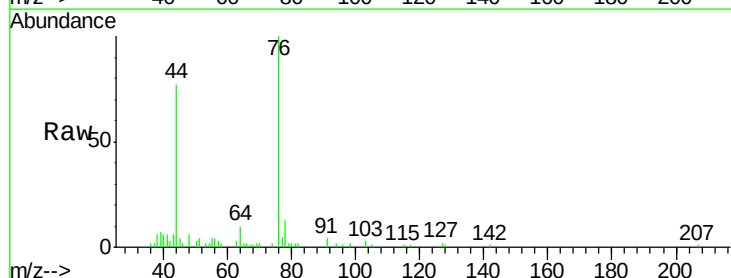
Manual Integrations
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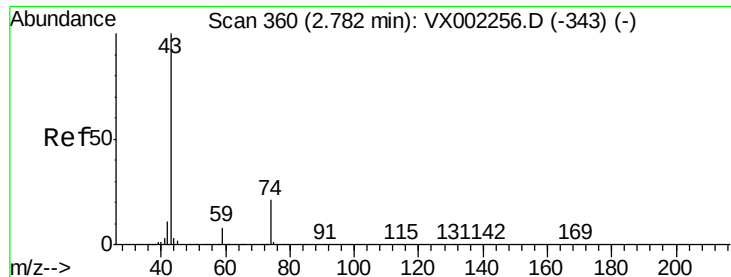
MMDadoda
6/5/2018 5:56:00 PM



#17
Carbon Disulfide
Concen: 1.11 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Tgt Ion	76	Resp	7563
Ion Ratio	76	100	
	78	8.0	6.9 10.3





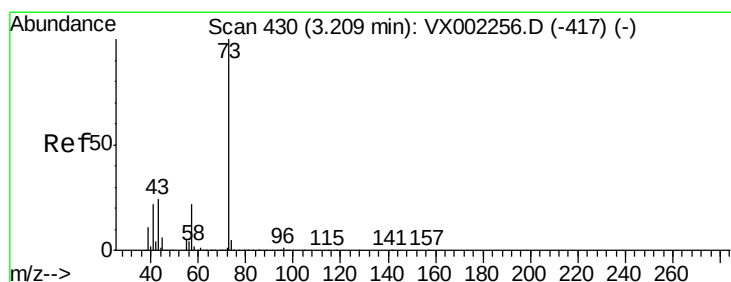
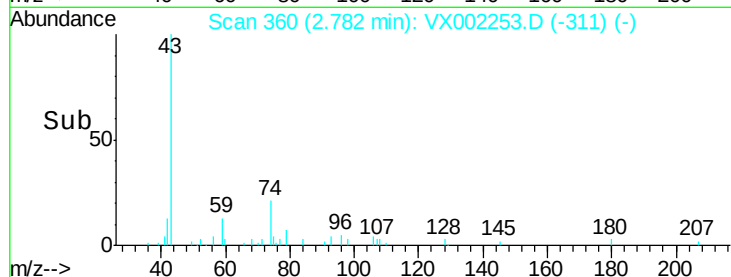
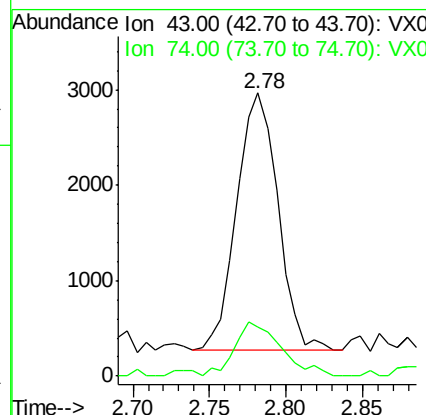
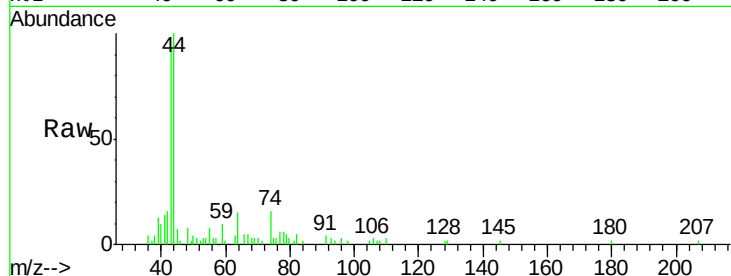
#18
Methyl Acetate
Concen: 1.23 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 5054
Ion Ratio Lower Upper
43 100
74 23.5 16.7 25.1

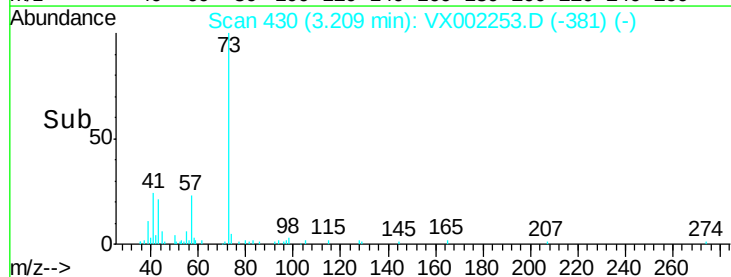
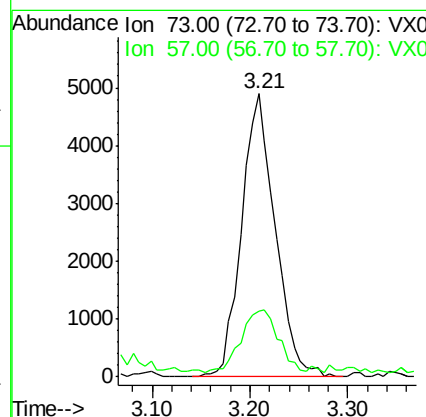
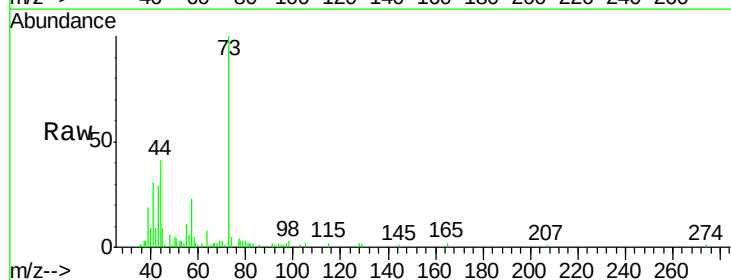
Manual Integrations
APPROVED

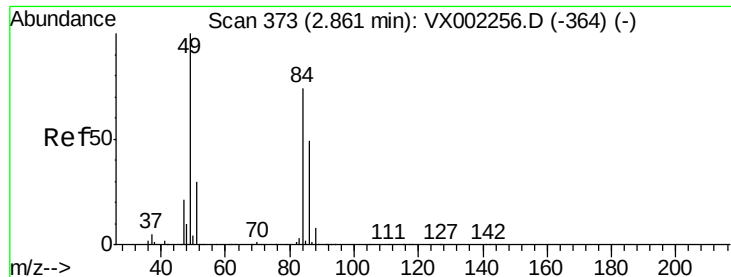
MMDadoda
6/5/2018 5:56:00 PM



#19
Methyl tert-butyl Ether
Concen: 1.14 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Tgt Ion: 73 Resp: 11669
Ion Ratio Lower Upper
73 100
57 20.7 17.7 26.5





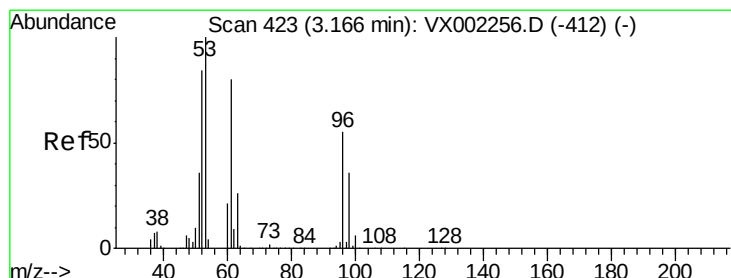
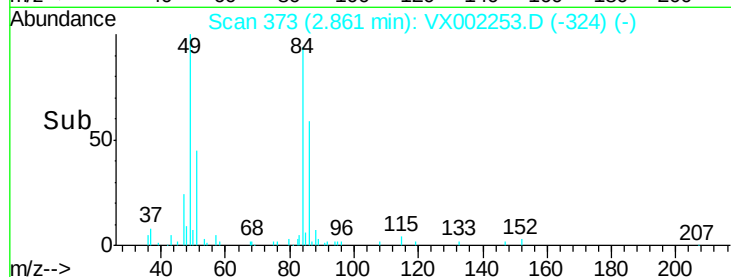
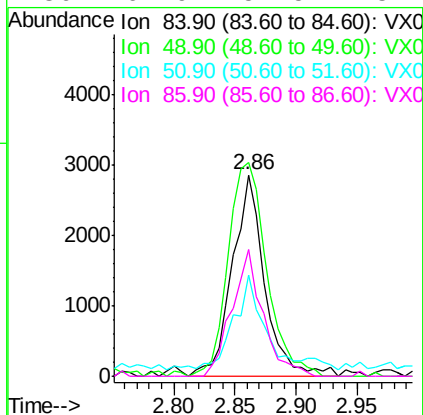
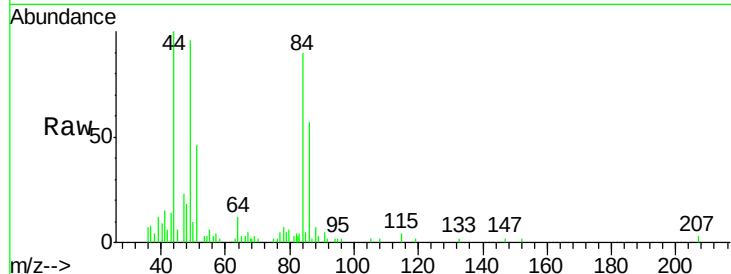
#20
Methylene Chloride
Concen: 1.51 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
84	100		
49	106.3	107.8	161.6#
51	47.5	32.8	49.2
86	62.9	52.5	78.7

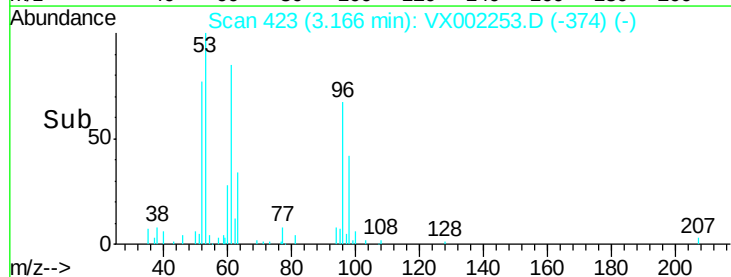
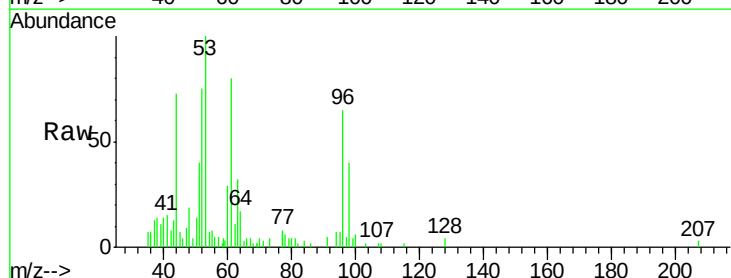
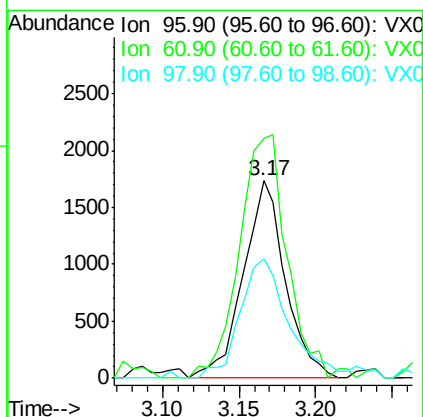
Manual Integrations
APPROVED

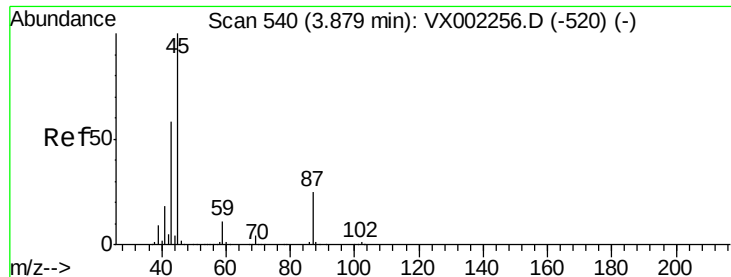
MMDadoda
6/5/2018 5:56:00 PM



#21
trans-1,2-Dichloroethene
Concen: 1.16 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	121.5	117.0	175.4
98	60.3	52.4	78.6





#22

Diisopropyl ether

Concen: 1.21 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

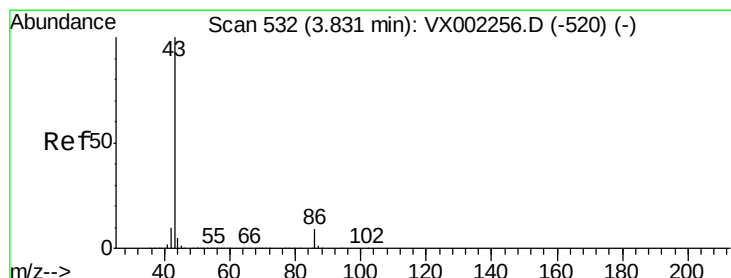
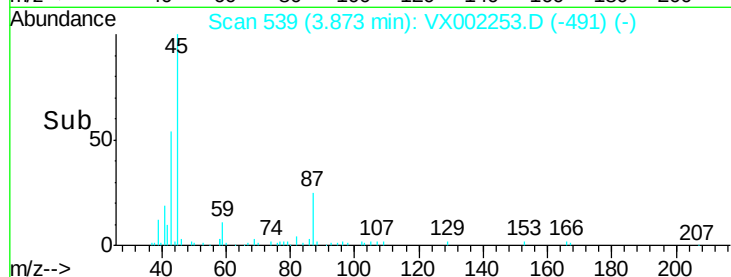
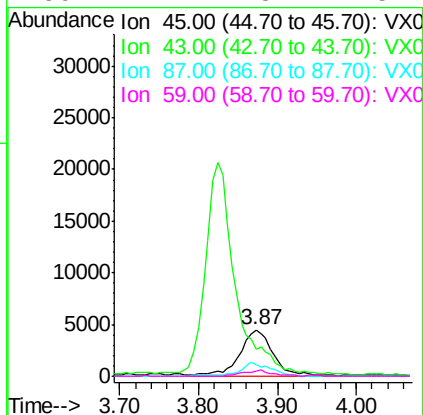
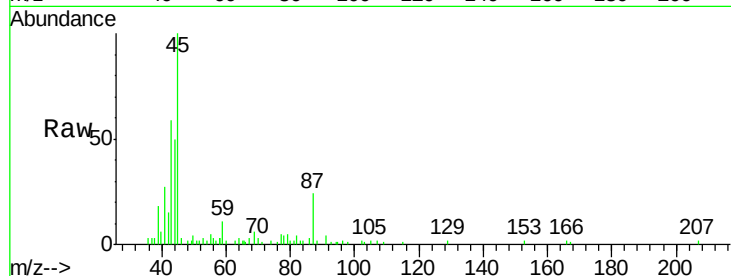
ClientSampleId :

VSTDIC001

Tot Ion:	45	Resp:	12676
Ion	Ratio	Lower	Upper
45	100		
43	53.6	46.8	70.2
87	24.5	20.2	30.4
59	11.1	8.7	13.1

Manual Integrations
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MMDadoda
6/5/2018 5:56:00 PM



#23

Vinyl Acetate

Concen: 5.81 ug/l

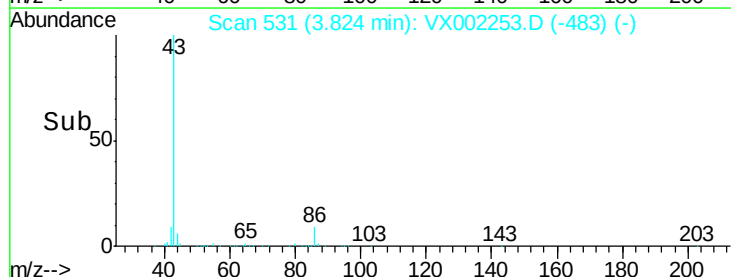
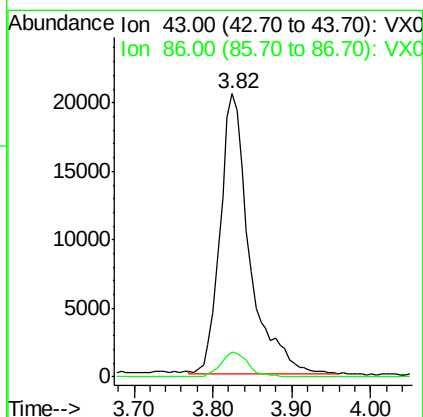
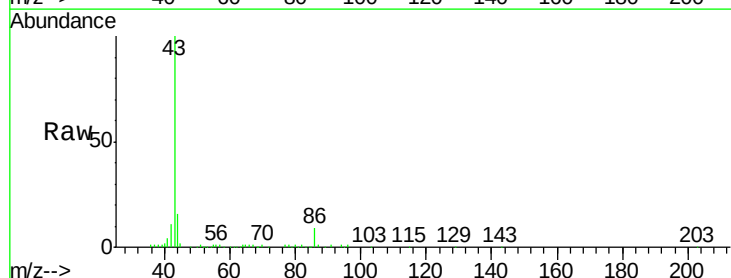
RT: 3.82 min Scan# 531

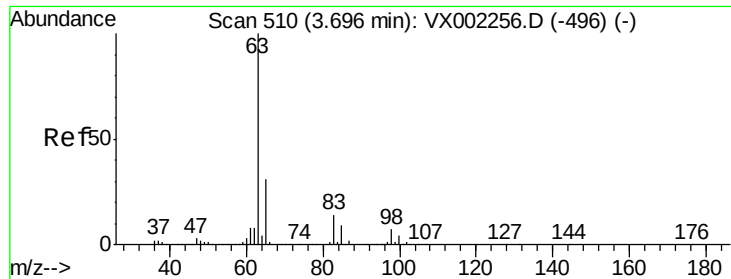
Delta R.T. -0.01 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tgt Ion:	43	Resp:	52873
Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.4	11.0





#24

1,1-Dichloroethane

Concen: 1.09 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

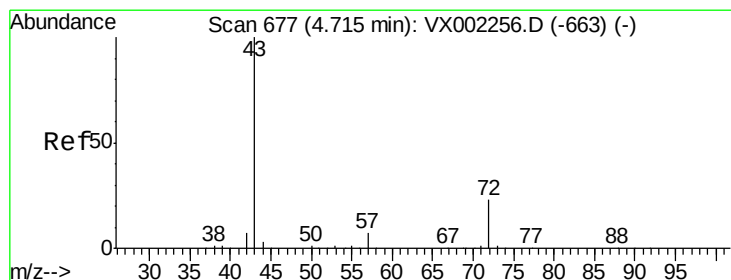
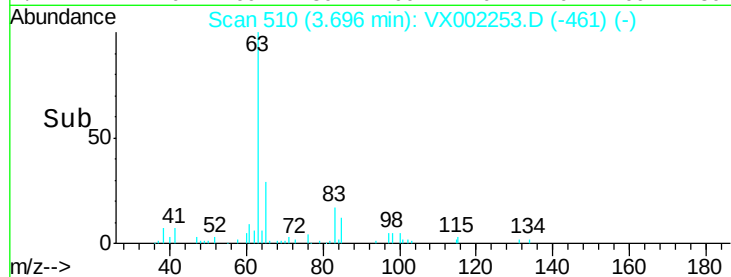
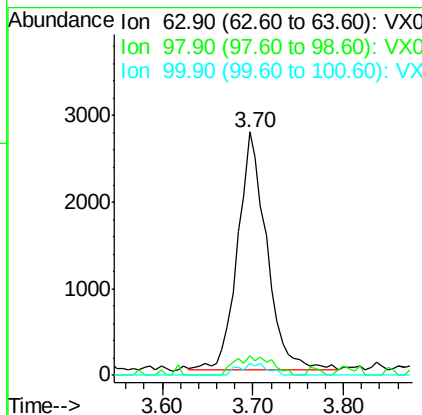
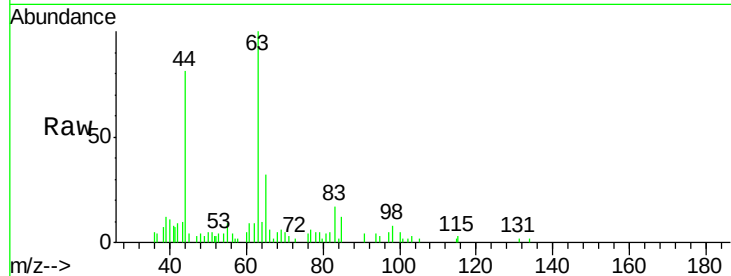
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	6038
Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.4	10.2
100	5.2	2.0	6.0

Manual Integrations
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MMDadoda
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#25

2-Butanone

Concen: 5.36 ug/l

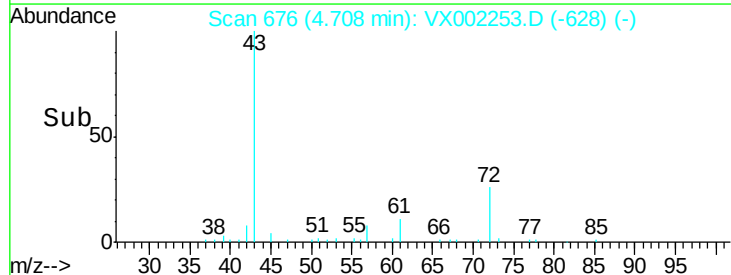
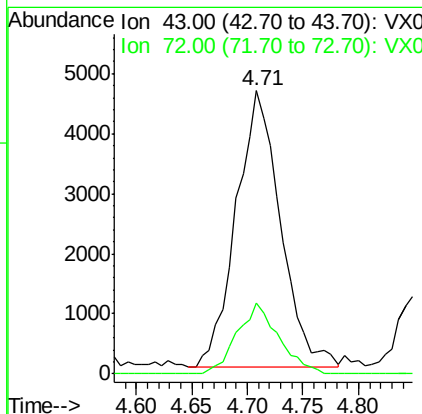
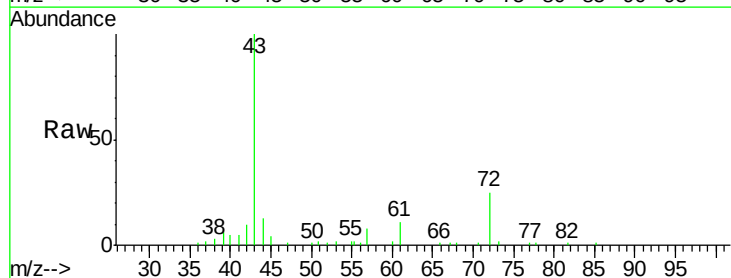
RT: 4.71 min Scan# 676

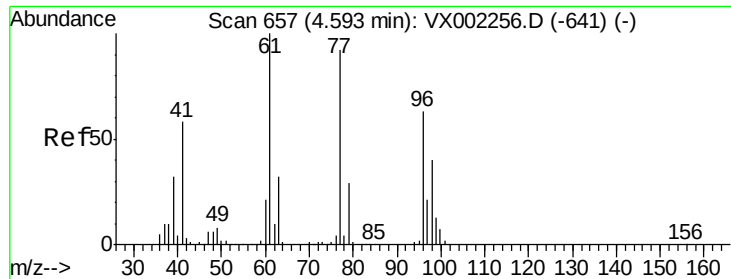
Delta R.T. -0.01 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tgt Ion:	43	Resp:	12784
Ion	Ratio	Lower	Upper
43	100		
72	25.8	18.5	27.7





#26

2,2-Dichloropropane

Concen: 1.13 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 77 Resp: 4897

Ion Ratio Lower Upper

77 100

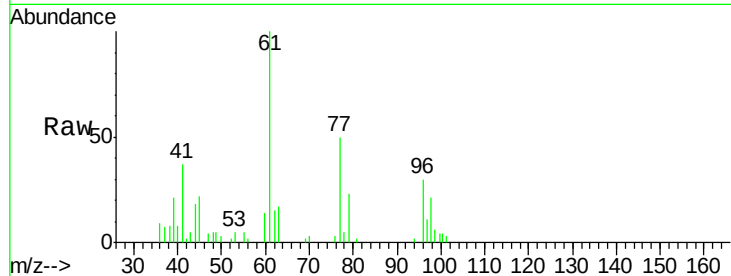
97 24.1 11.2 33.5

Manual Integrations

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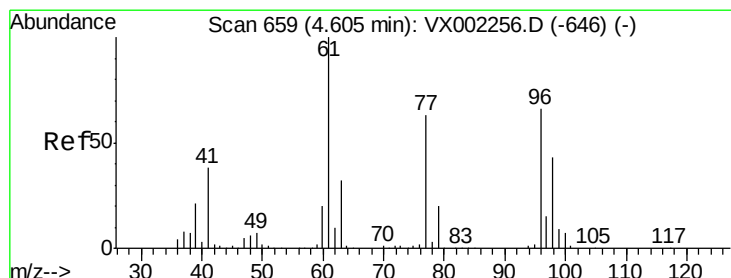
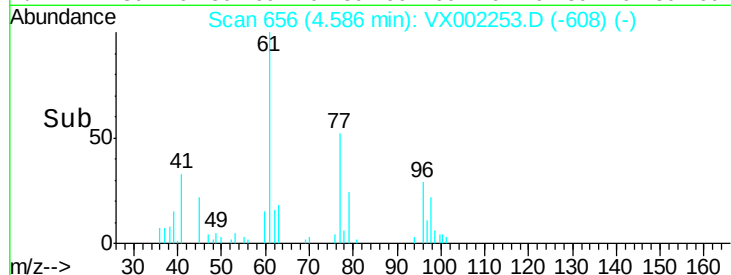
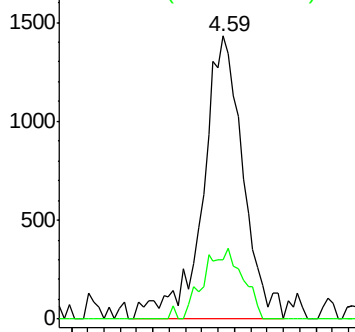
MMDadoda

6/5/2018 5:56:00 PM



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: 1.15 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

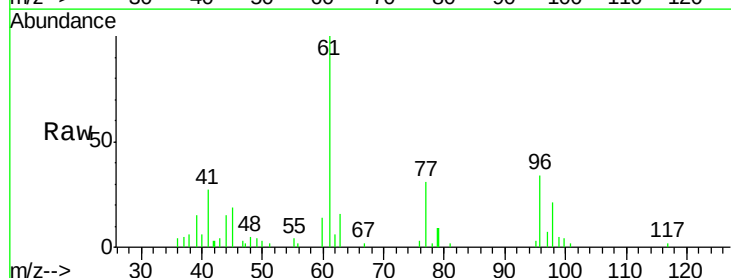
Tgt Ion: 96 Resp: 3555

Ion Ratio Lower Upper

96 100

61 516.8 0.0 330.2#

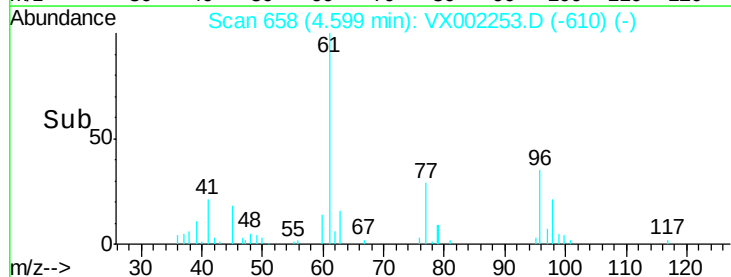
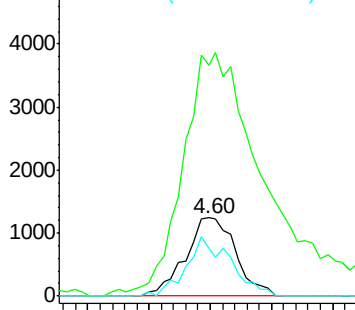
98 66.2 0.0 130.2

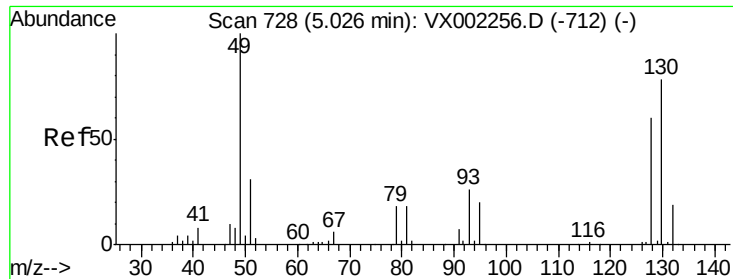


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: 1.18 ug/l

RT: 5.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

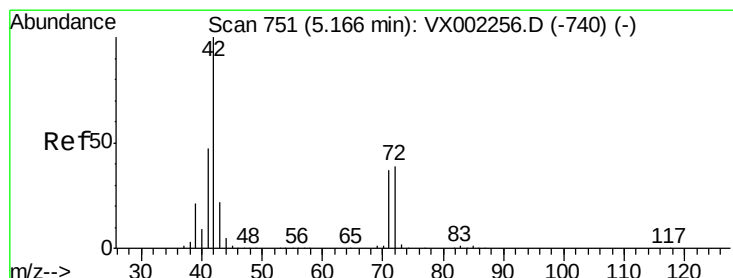
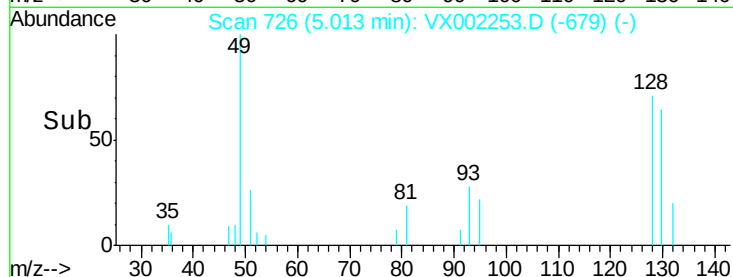
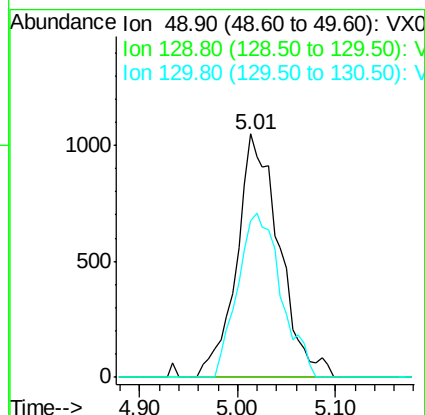
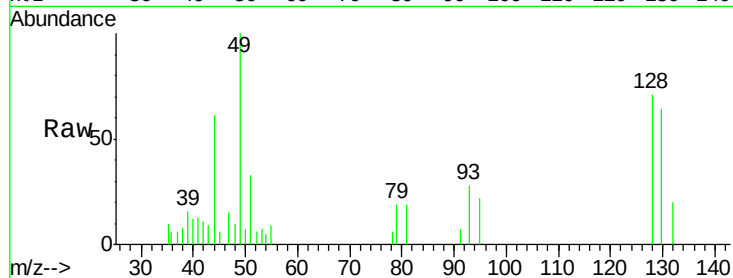
ClientSampled :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	68.9	61.2	91.8

Manual Integrations
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MMDadoda
6/5/2018 5:56:00 PM



#29

Tetrahydrofuran

Concen: 5.59 ug/l

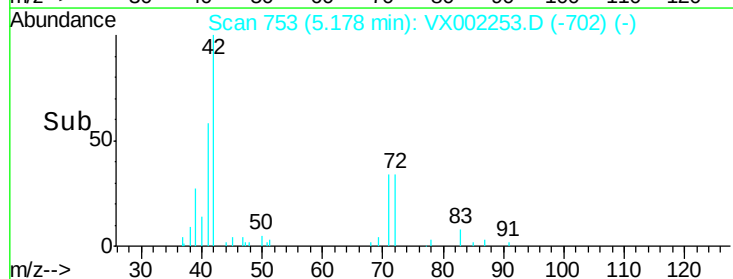
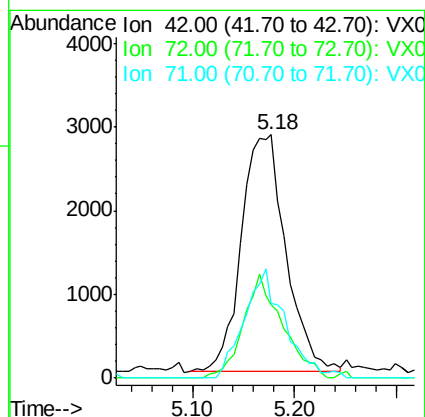
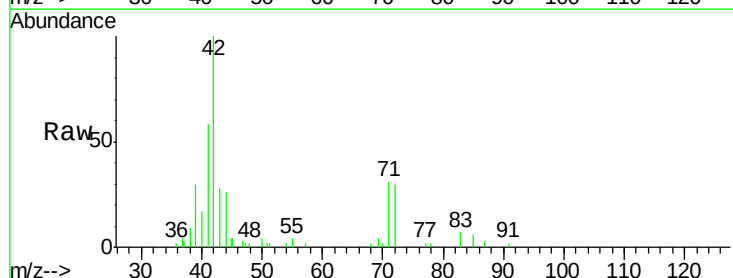
RT: 5.18 min Scan# 753

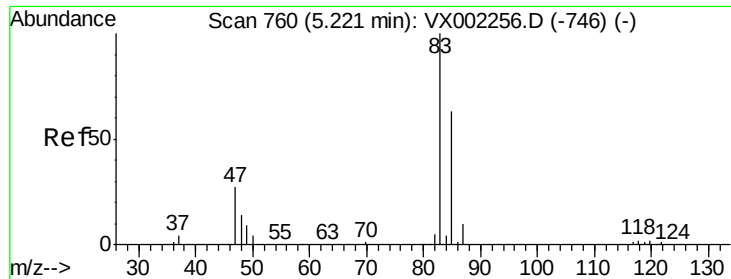
Delta R.T. 0.01 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.5	32.0	48.0
71	42.2	30.1	45.1





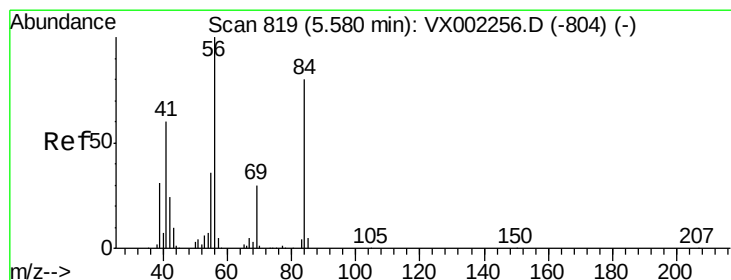
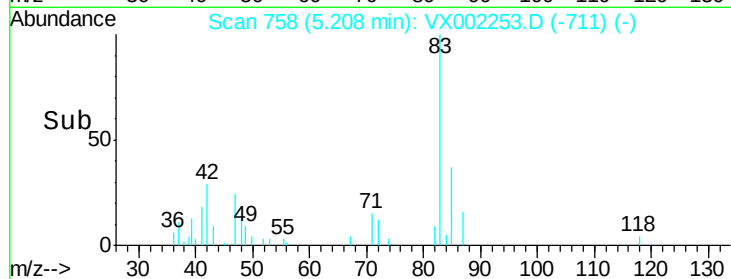
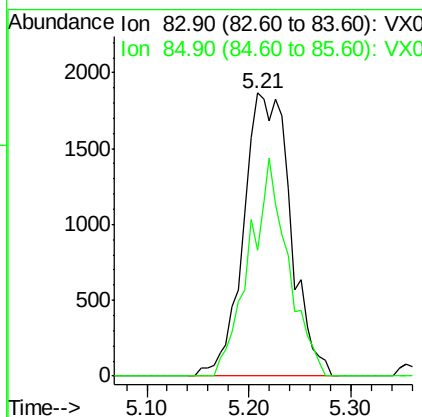
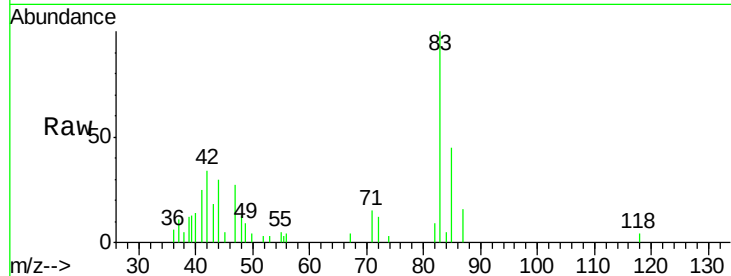
#30
Chloroform
Concen: 1.11 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 5966
Ion Ratio Lower Upper
83 100
85 44.6 50.4 75.6#

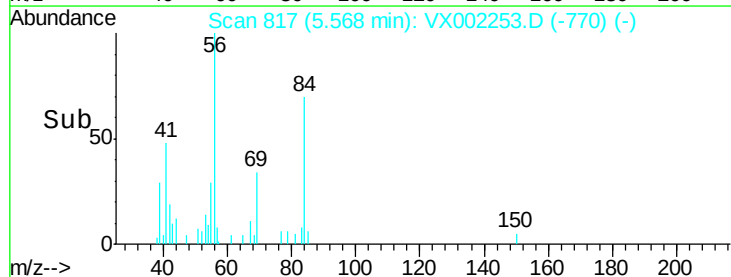
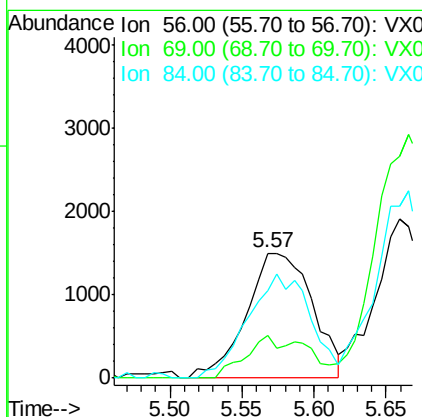
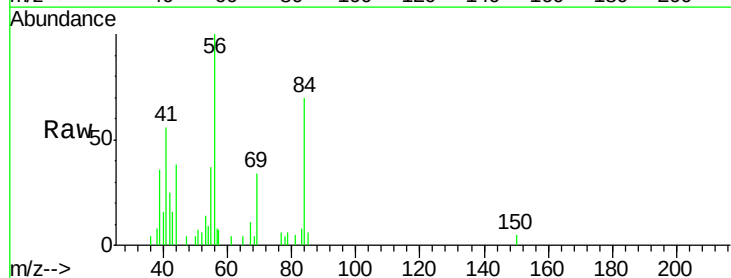
Manual Integrations
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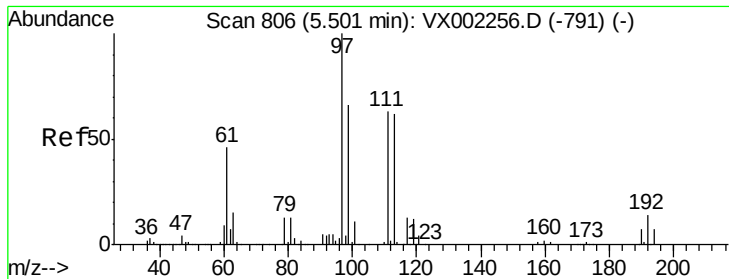
MMDadoda
6/5/2018 5:56:00 PM



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Tgt Ion: 56 Resp: 4767
Ion Ratio Lower Upper
56 100
69 33.8 23.7 35.5
84 70.4 64.1 96.1





#32

1,1,1-Trichloroethane

Concen: 1.01 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

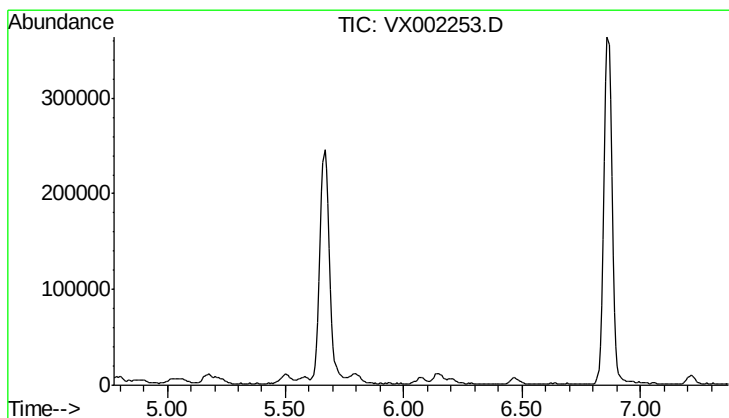
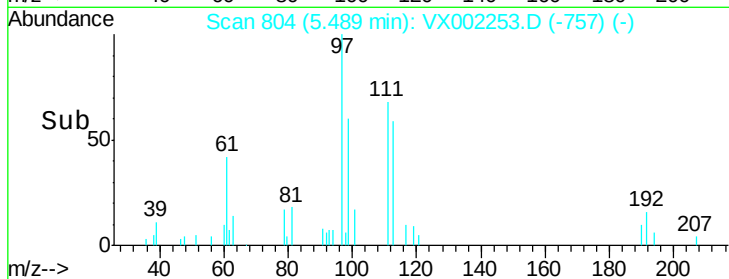
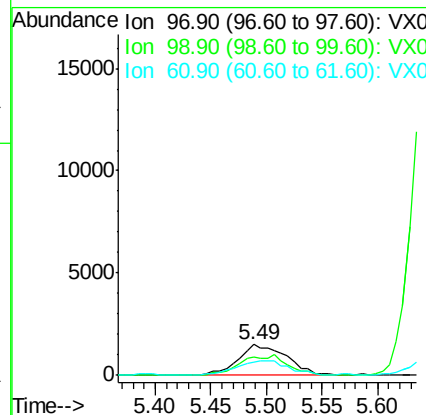
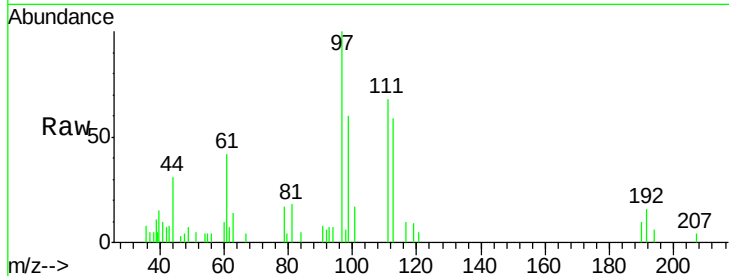
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	4600
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.6	77.4#
61	50.3	36.4	54.6

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#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 6.07 min

Lab File: VX002253.D

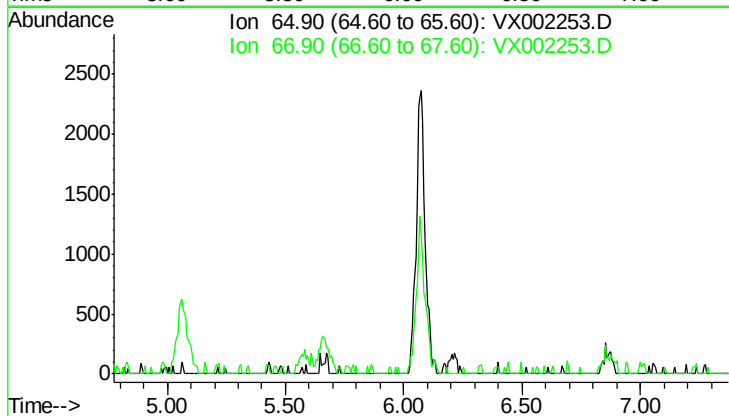
Acq: 04 Jun 2018 10:06

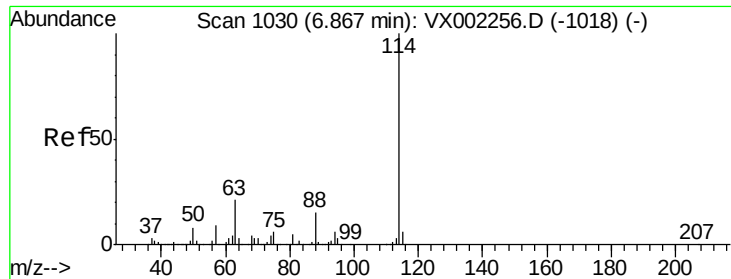
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.3





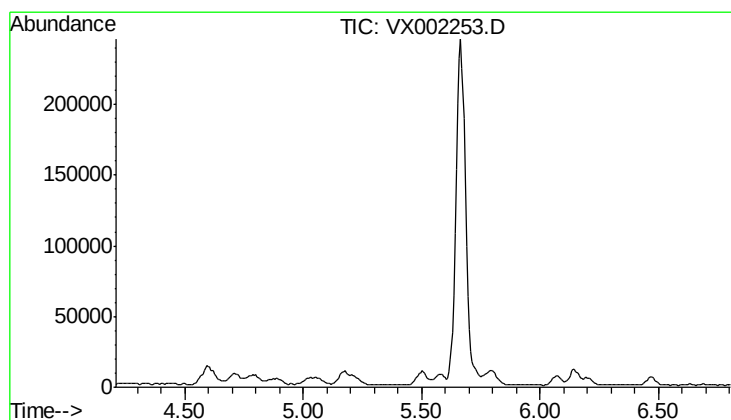
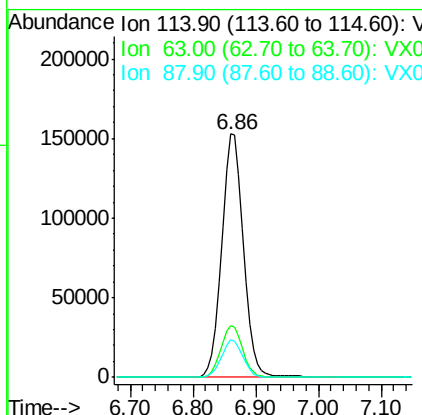
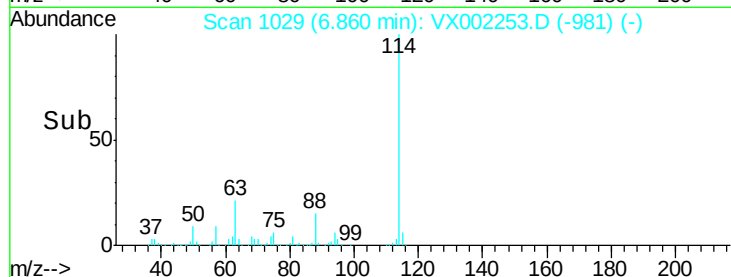
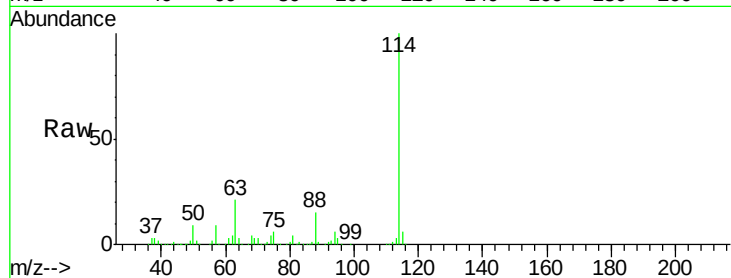
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	21.1	0.0	41.4
88	15.5	0.0	30.0

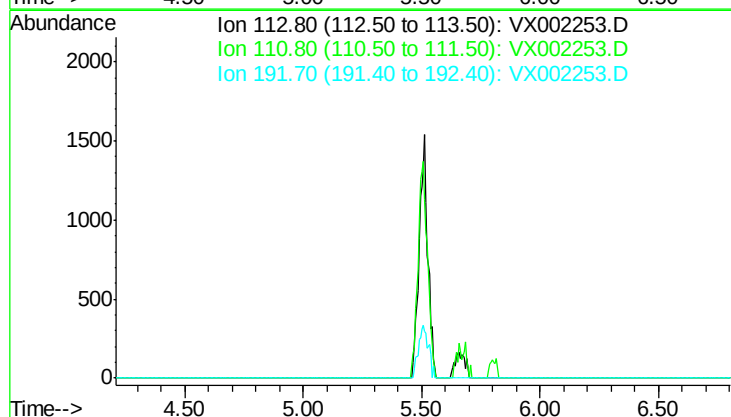
Manual Integrations
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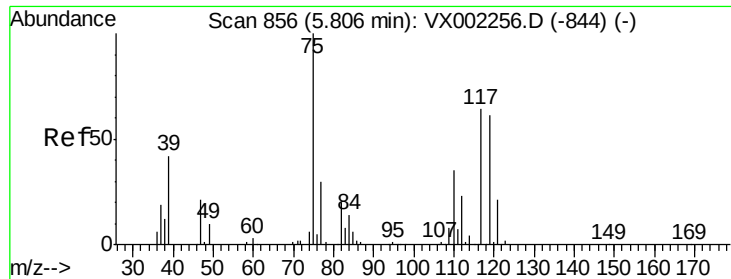
MMDadoda
 6/5/2018 5:56:00 PM



#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 5.51 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Tgt Ion	Exp Ratio
113	100
111	101.7
192	23.9





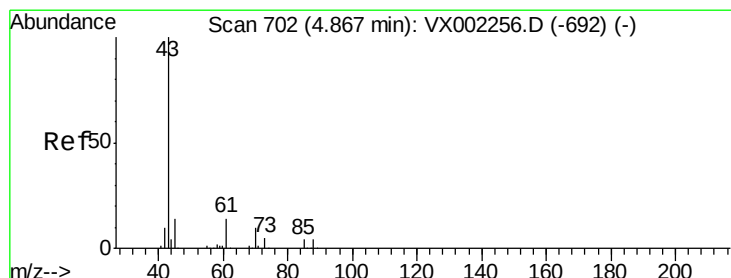
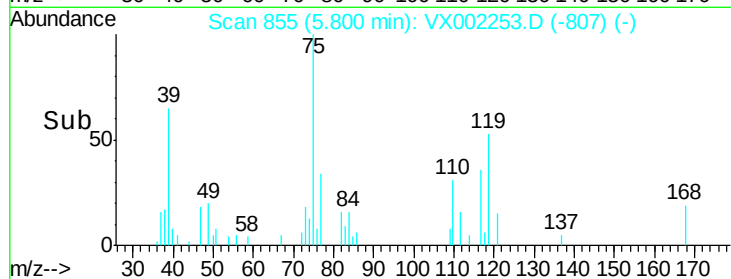
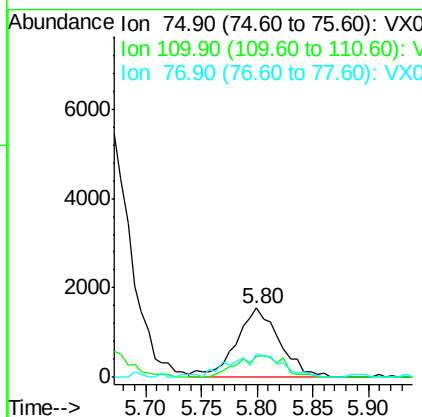
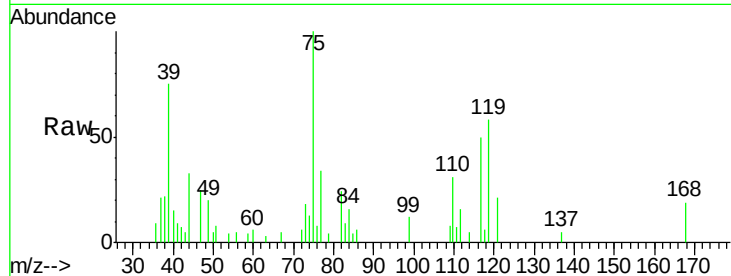
#36
 1,1-Dichloropropene
 Concen: 1.10 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.9	18.1	54.4
77	40.7	24.3	36.5#

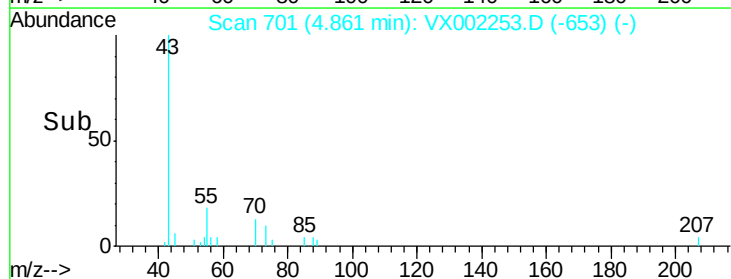
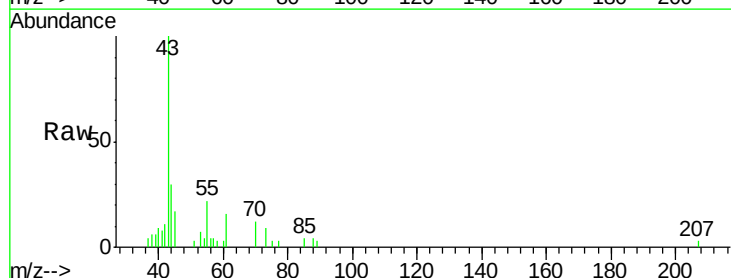
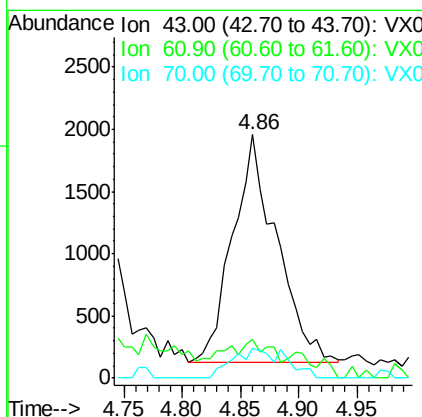
Manual Integrations
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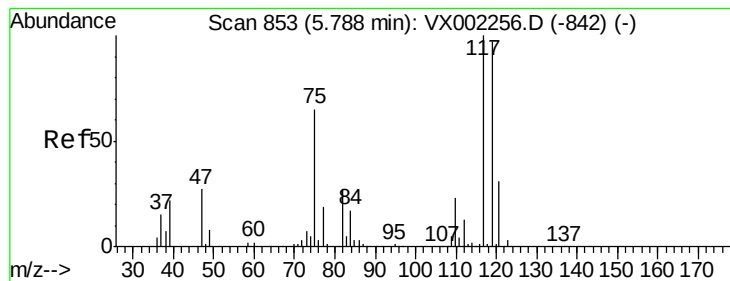
MMDadoda
 6/5/2018 5:56:00 PM



#37
 Ethyl Acetate
 Concen: 1.03 ug/l
 RT: 4.86 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	11.2	7.6	11.4





#38

Carbon Tetrachloride

Concen: 0.99 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

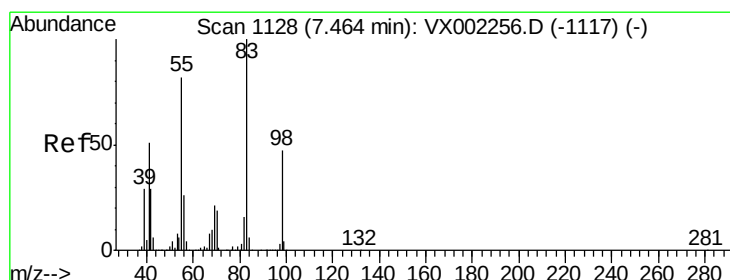
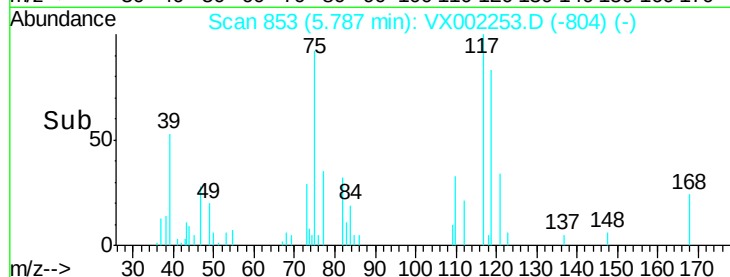
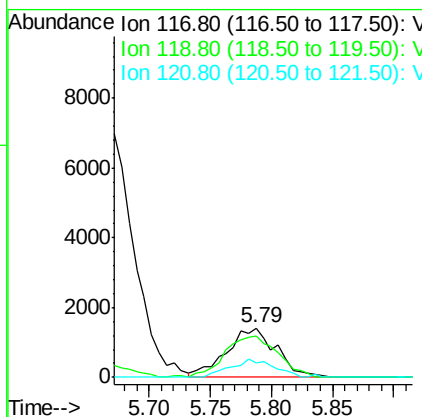
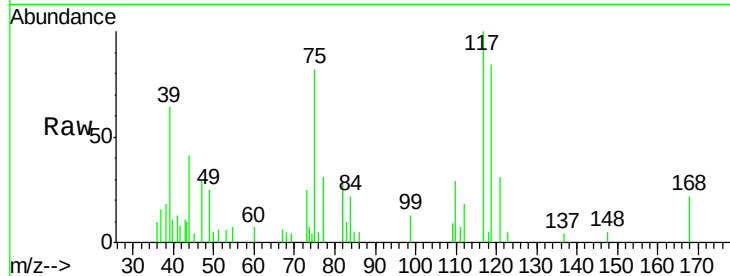
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	3988
Ion	Ratio	Lower	Upper
117	100		
119	83.9	77.4	116.0
121	30.6	24.4	36.6

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6/5/2018 5:56:00 PM



#39

Methylcyclohexane

Concen: 0.97 ug/l

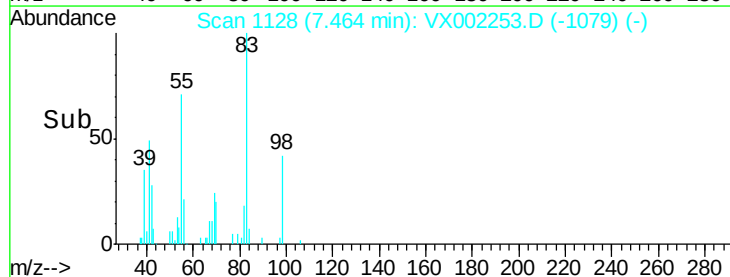
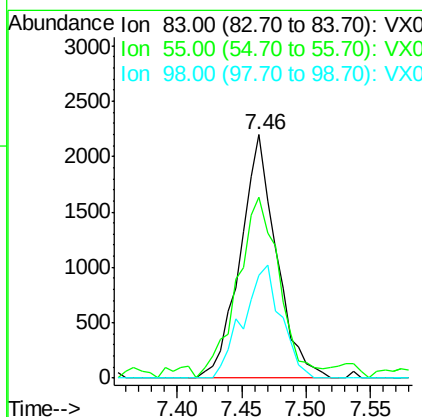
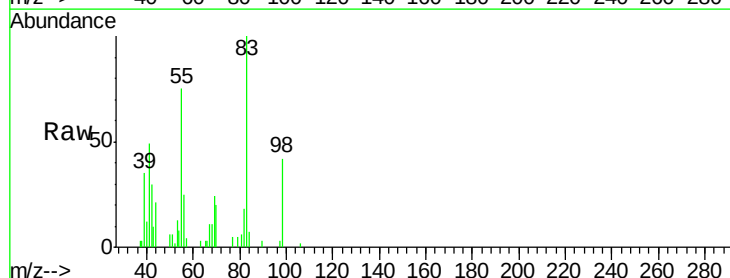
RT: 7.46 min Scan# 1128

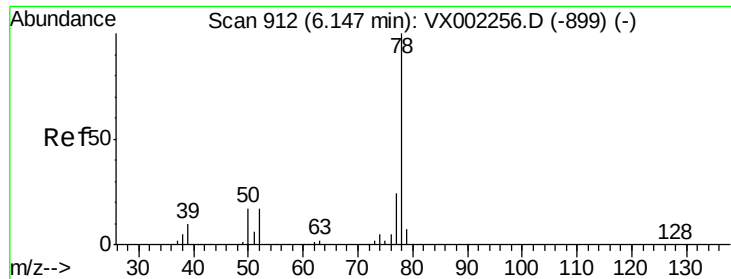
Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tgt Ion:	83	Resp:	4272
Ion	Ratio	Lower	Upper
83	100		
55	69.7	65.4	98.0
98	42.0	37.4	56.0





#40

Benzene

Concen: 1.07 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 78 Resp: 12700

Ion Ratio Lower Upper

78 100

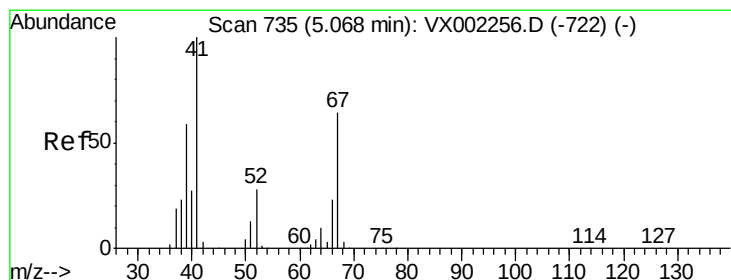
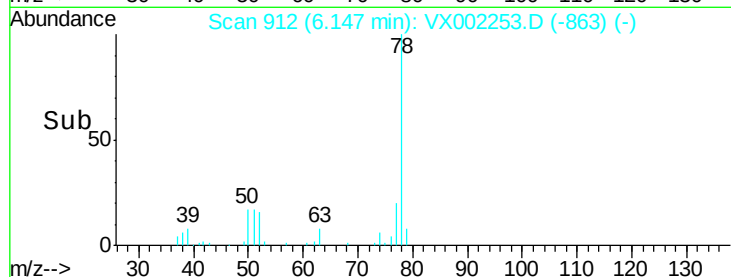
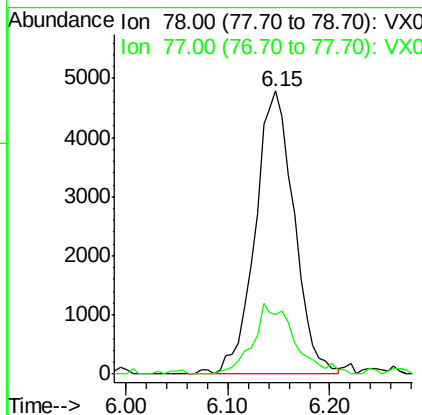
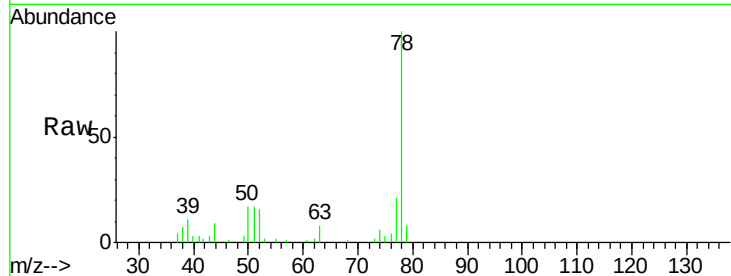
77 20.9 19.1 28.7

Manual Integrations

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#41

Methacrylonitrile

Concen: 1.10 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tgt Ion: 41 Resp: 2911

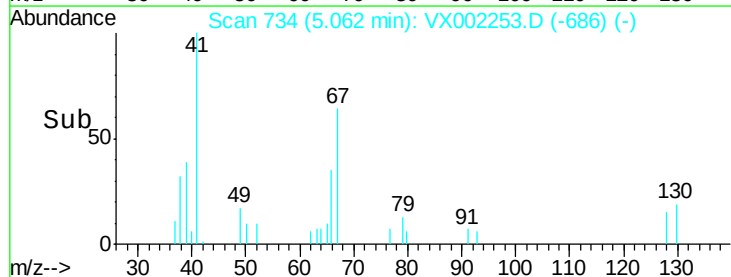
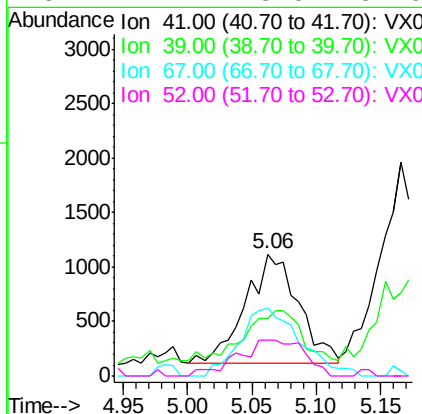
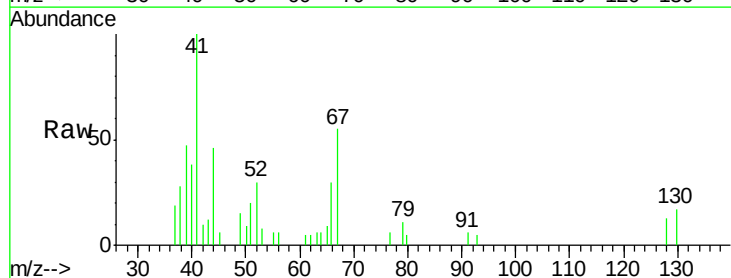
Ion Ratio Lower Upper

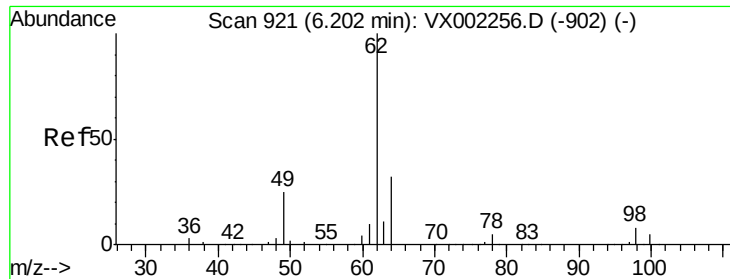
41 100

39 46.1 45.8 68.6

67 69.6 51.3 76.9

52 41.1 23.0 34.6#





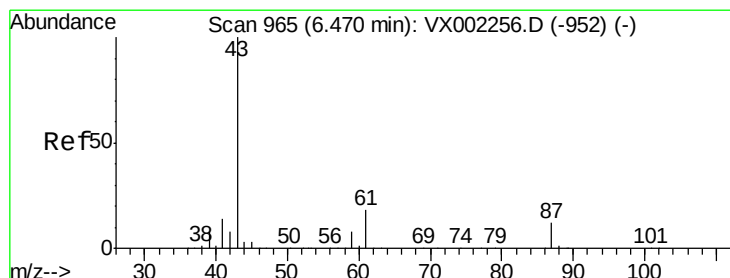
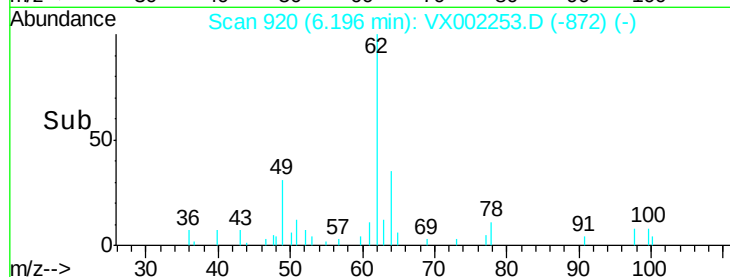
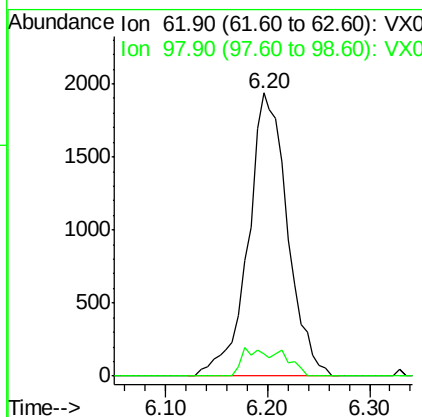
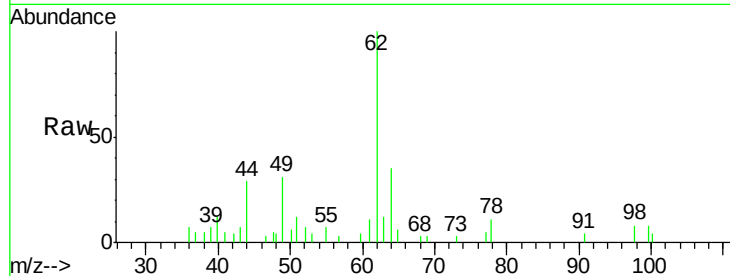
#42
 1,2-Dichloroethane
 Concen: 1.11 ug/l
 RT: 6.20 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	5197		
98	6.0		0.0	16.6

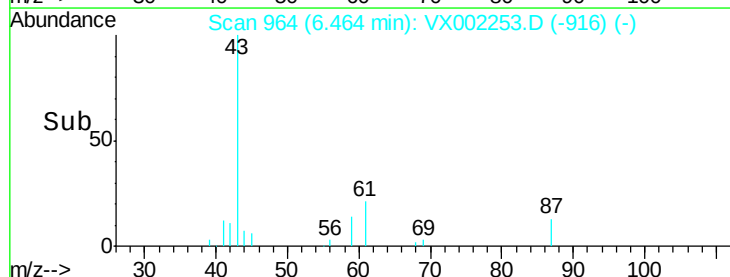
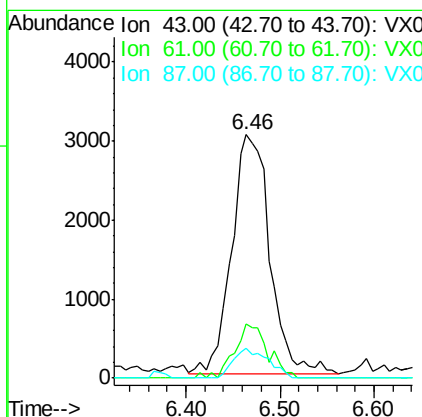
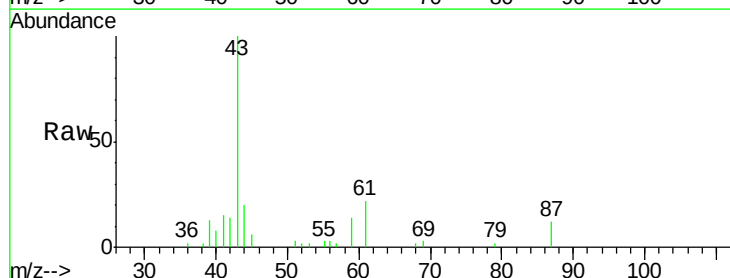
Manual Integrations
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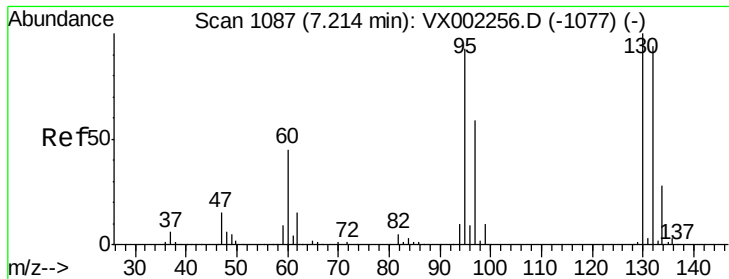
MMDadoda
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#43
 Isopropyl Acetate
 Concen: 1.08 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	8492		
61	19.6		14.4	21.6
87	11.5		9.5	14.3





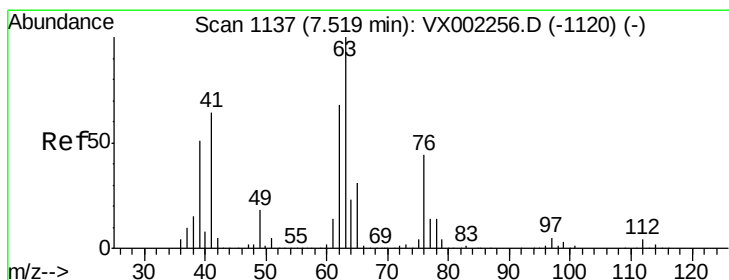
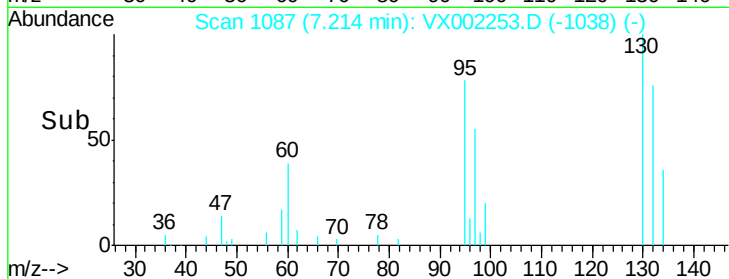
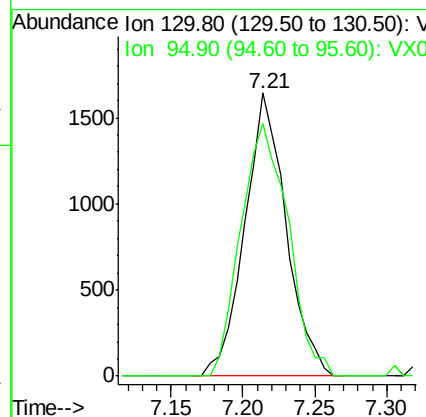
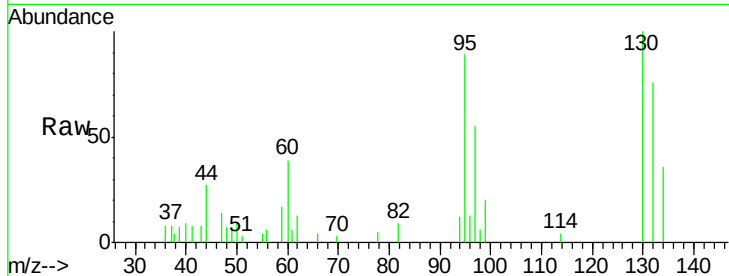
#44
 Trichloroethene
 Concen: 1.00 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:130 Resp: 3265
 Ion Ratio Lower Upper
 130 100
 95 89.3 0.0 185.4

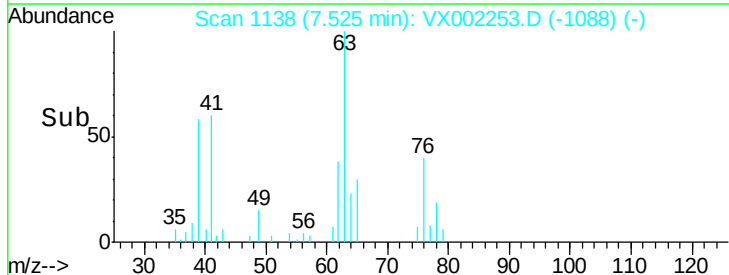
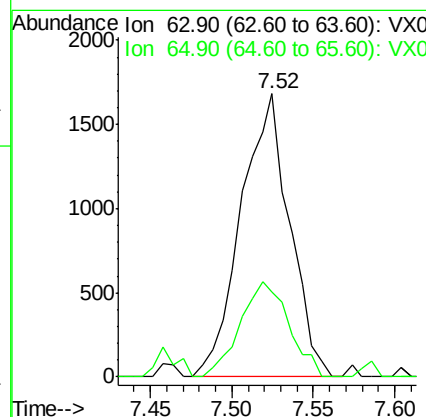
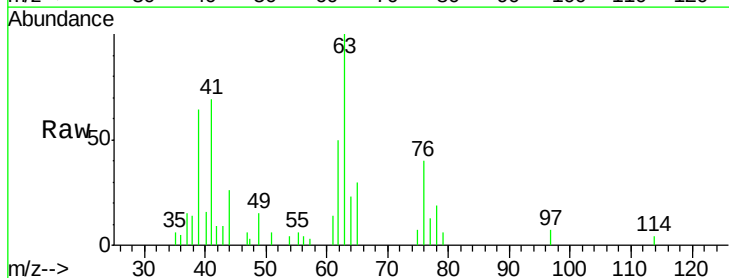
Manual Integrations
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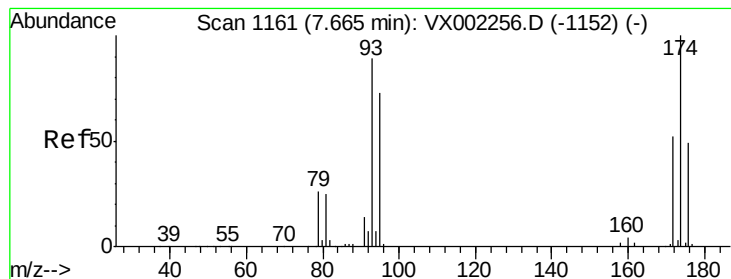
MMDadoda
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#45
 1,2-Dichloropropane
 Concen: 1.09 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Tgt Ion: 63 Resp: 3490
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.7 37.1





#46

Dibromomethane

Concen: 1.17 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

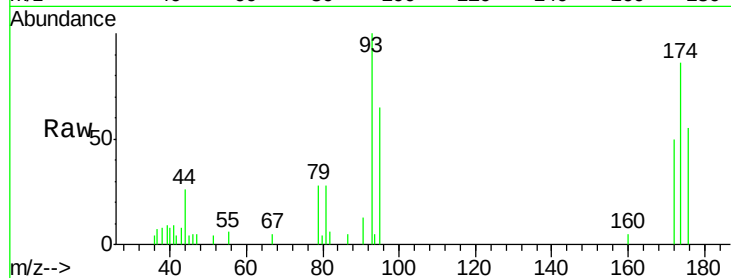
ClientSampleId :

VSTDIC001

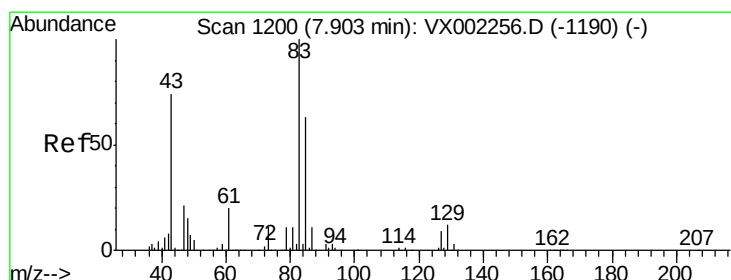
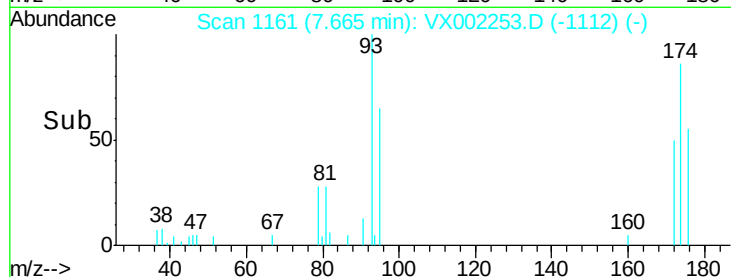
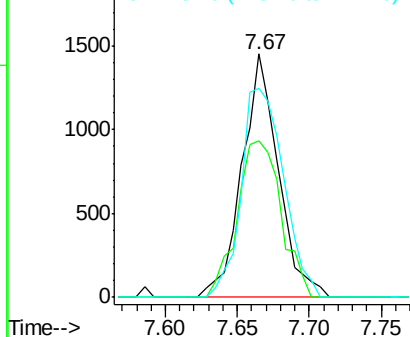
Tot Ion:	93	Resp:	2534
Ion	Ratio	Lower	Upper
93	100		
95	77.7	65.9	98.9
174	100.2	92.4	138.6

Manual Integrations
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Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 1.00 ug/l

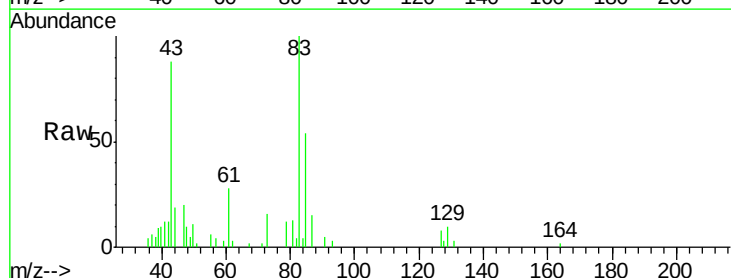
RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

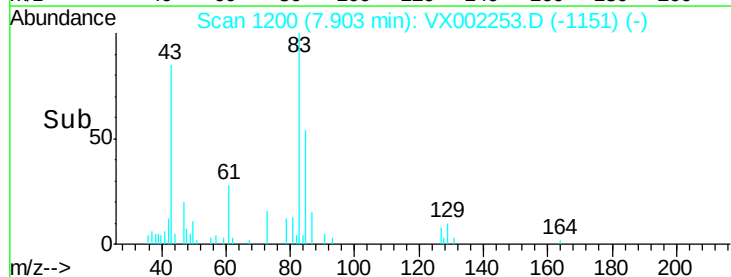
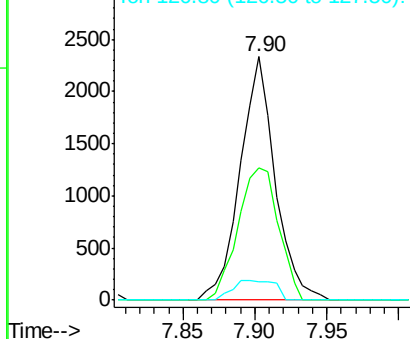
Lab File: VX002253.D

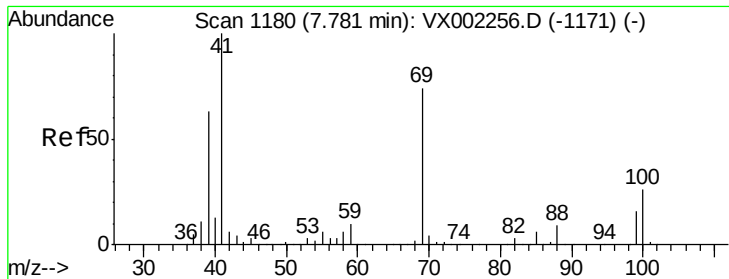
Acq: 04 Jun 2018 10:06

Tgt Ion:	83	Resp:	3932
Ion	Ratio	Lower	Upper
83	100		
85	54.3	50.3	75.5
127	7.7	7.0	10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V





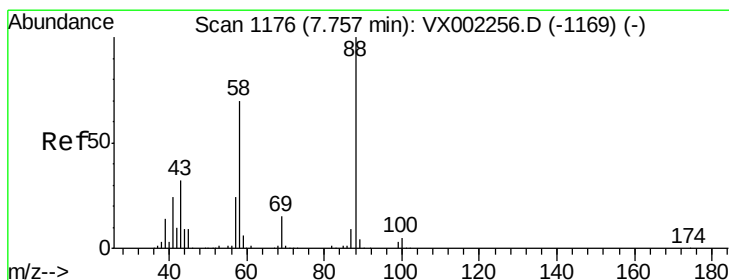
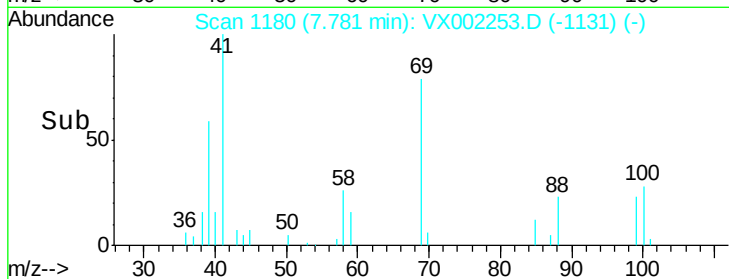
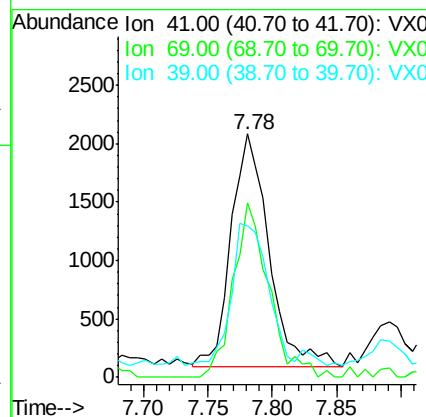
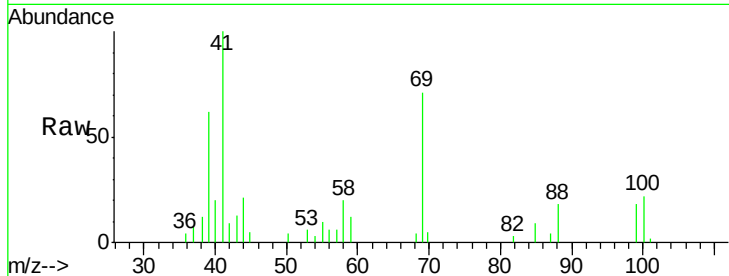
#48
Methyl methacrylate
Concen: 1.03 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	70.6	59.1	88.7
39	57.0	48.9	73.3

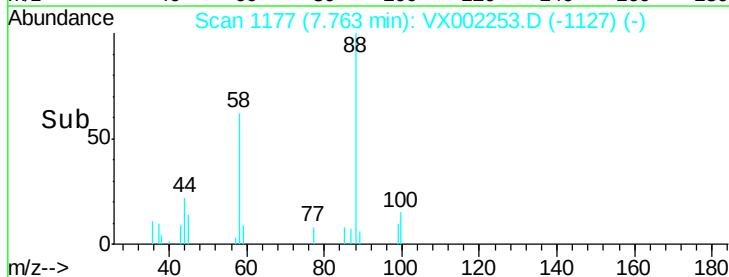
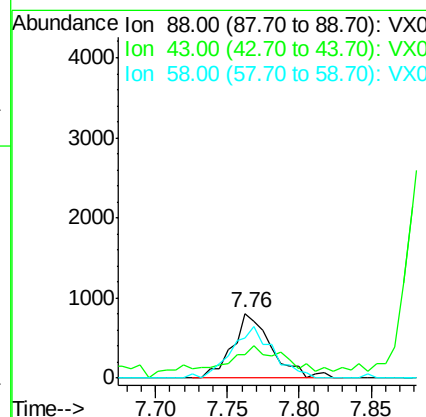
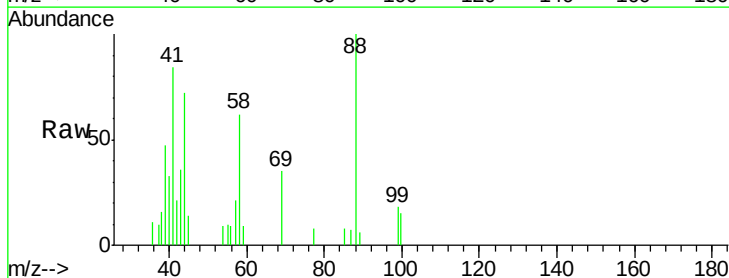
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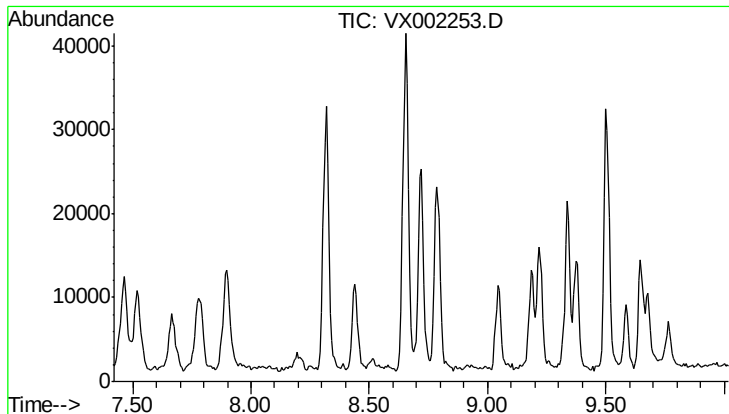
MMDadoda
6/5/2018 5:56:00 PM



#49
1,4-Dioxane
Concen: 20.40 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Tgt Ion	Ratio	Lower	Upper
88	100		
43	56.5	29.8	44.6#
58	86.2	57.1	85.7#





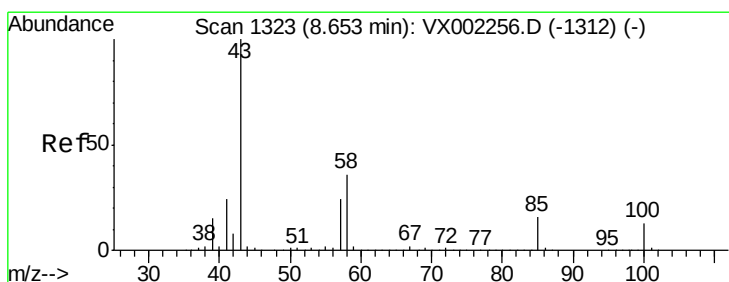
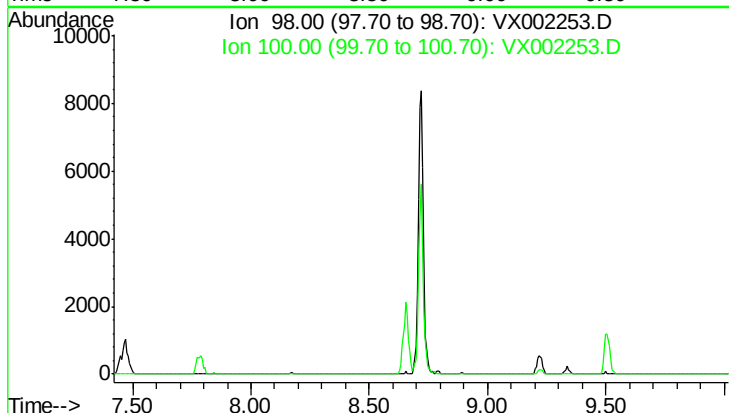
#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 8.72 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

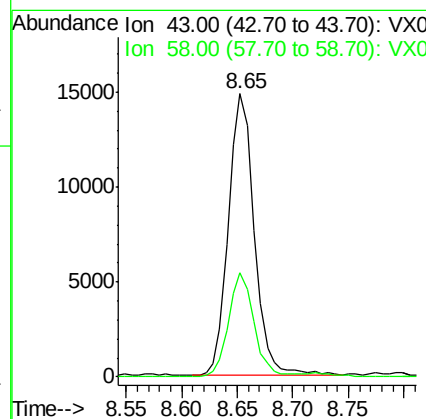
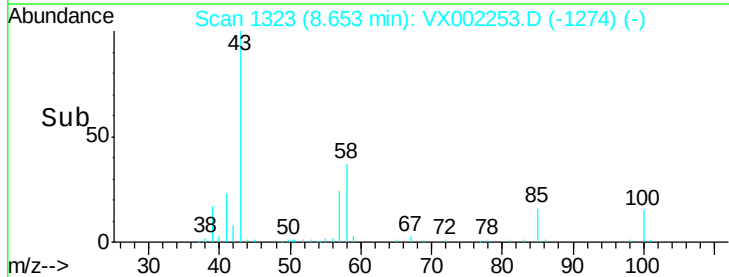
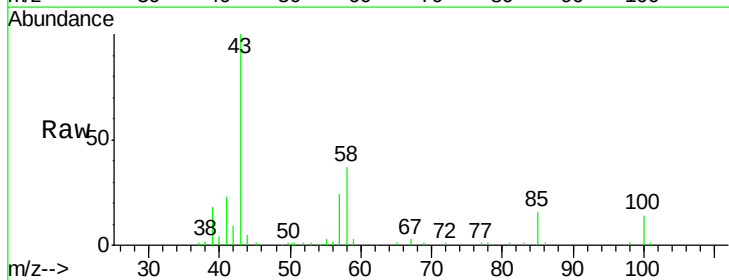
Manual Integrations
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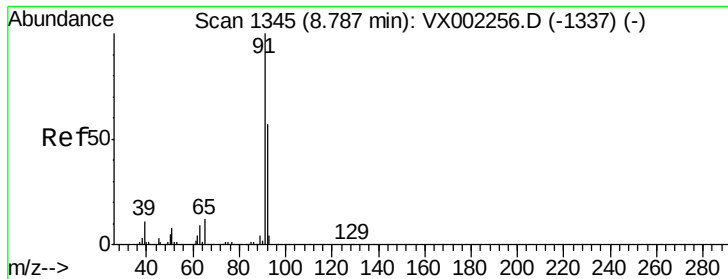
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 4.86 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Tgt Ion: 43 Resp: 23856
Ion Ratio Lower Upper
43 100
58 36.7 28.6 42.8





#52

Toluene

Concen: 1.00 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 7494

Ion Ratio Lower Upper

92 100

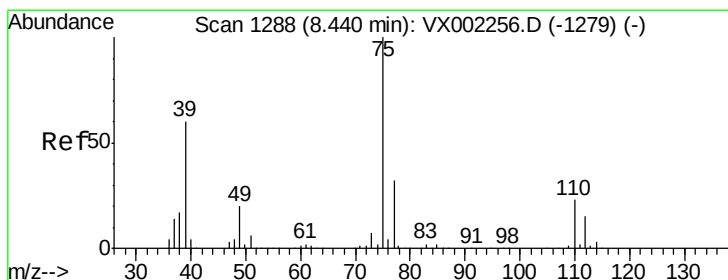
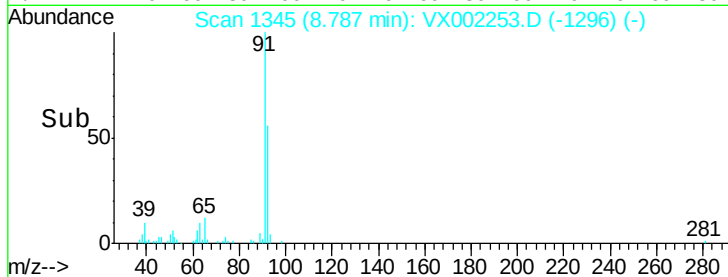
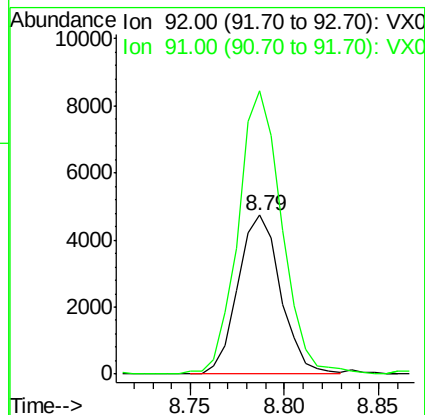
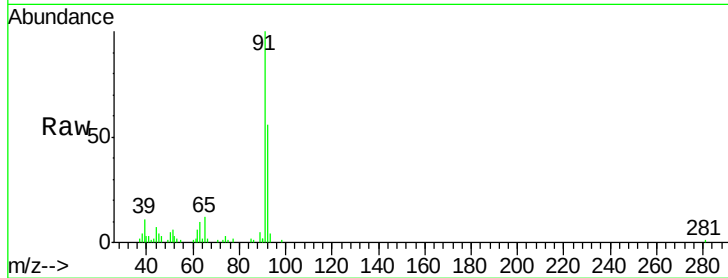
91 181.3 140.4 210.6

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 0.94 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002253.D

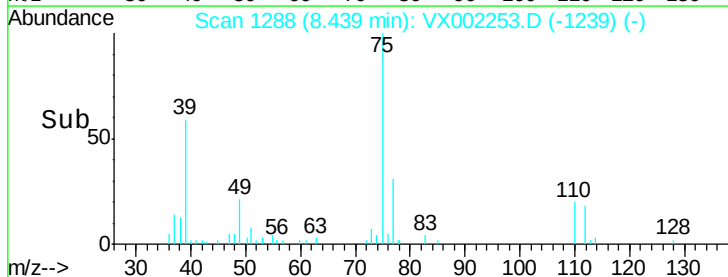
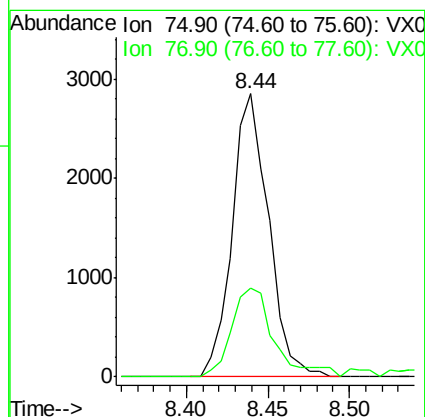
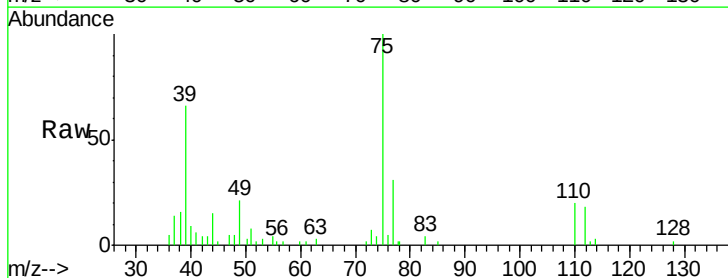
Acq: 04 Jun 2018 10:06

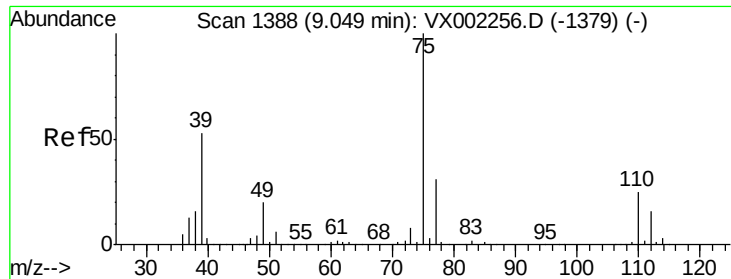
Tgt Ion: 75 Resp: 4417

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2





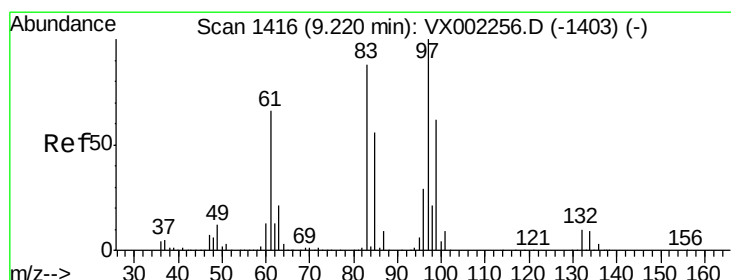
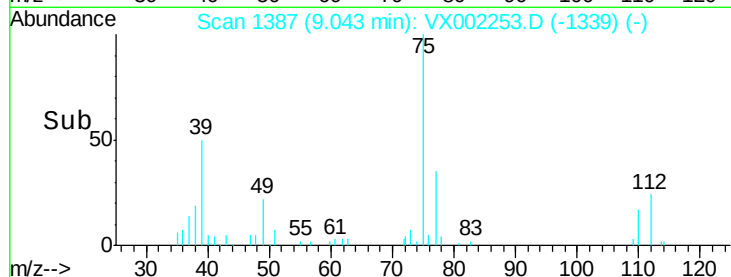
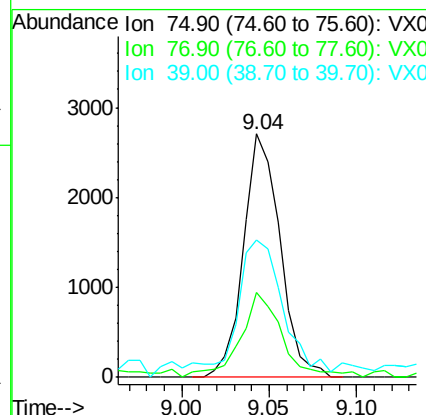
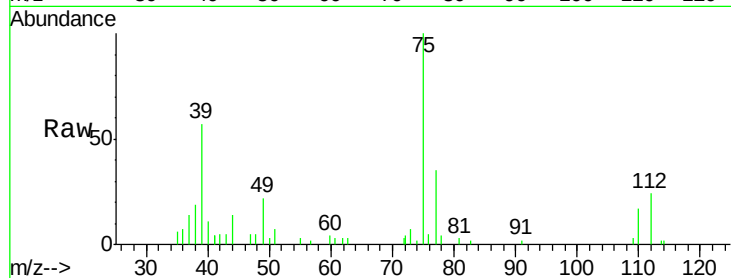
#54
 cis-1,3-Dichloropropene
 Concen: 0.89 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.2	24.8	37.2
39	50.9	42.4	63.6

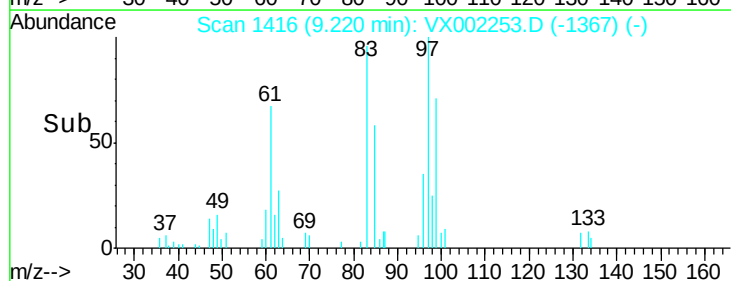
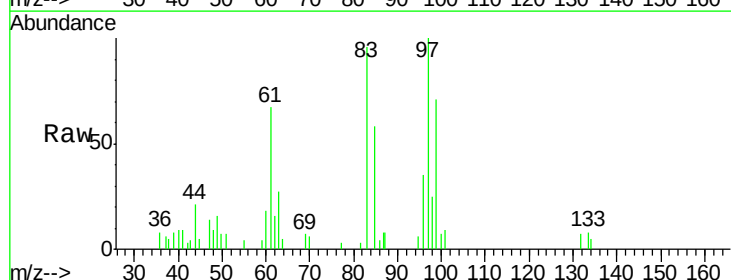
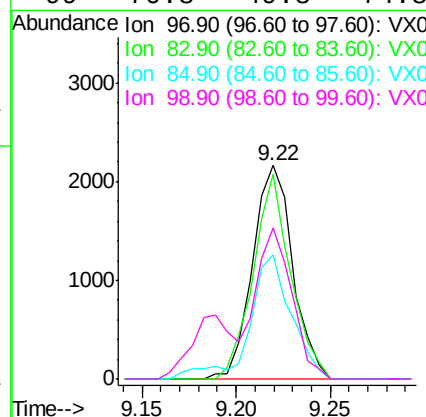
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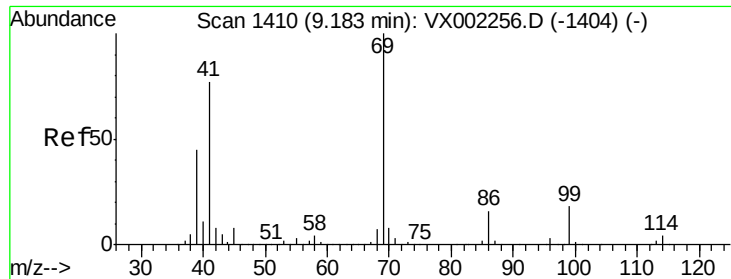
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#55
 1,1,2-Trichloroethane
 Concen: 1.03 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Tgt Ion	Ratio	Lower	Upper
97	100		
83	96.1	70.2	105.2
85	58.4	44.9	67.3
99	70.8	49.8	74.8





#56

Ethyl methacrylate

Concen: 1.03 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

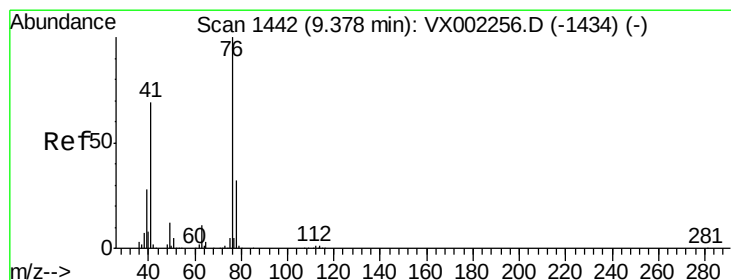
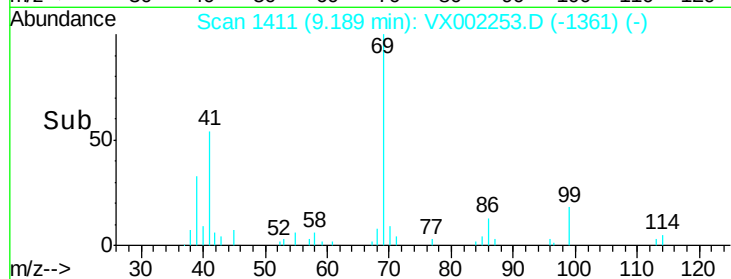
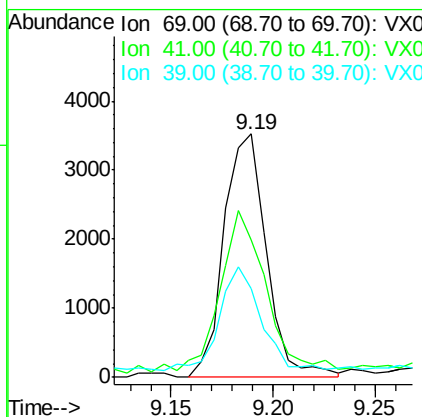
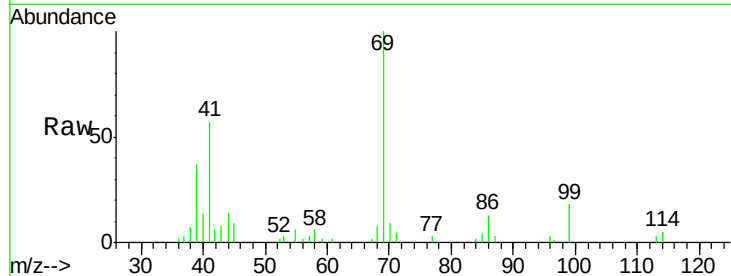
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	5087
Ion	Ratio	Lower	Upper
69	100		
41	71.0	60.3	90.5
39	41.6	35.8	53.8

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#57

1,3-Dichloropropane

Concen: 1.07 ug/l

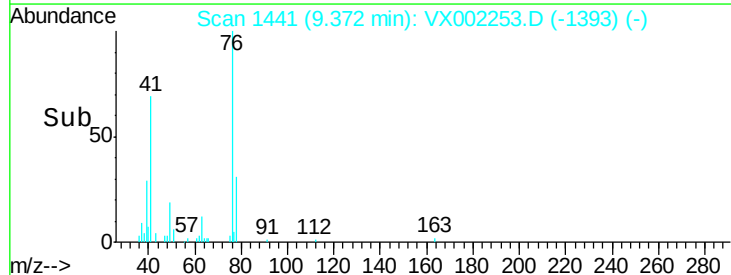
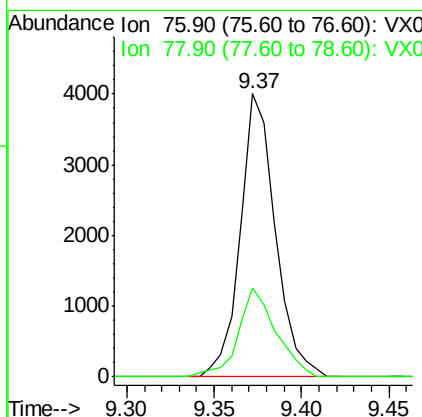
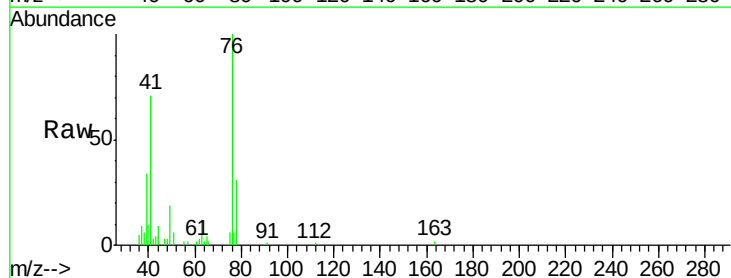
RT: 9.37 min Scan# 1441

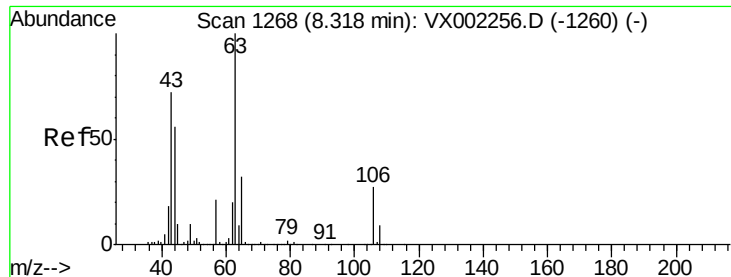
Delta R.T. -0.01 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tgt Ion:	76	Resp:	5574
Ion	Ratio	Lower	Upper
76	100		
78	33.7	25.8	38.6





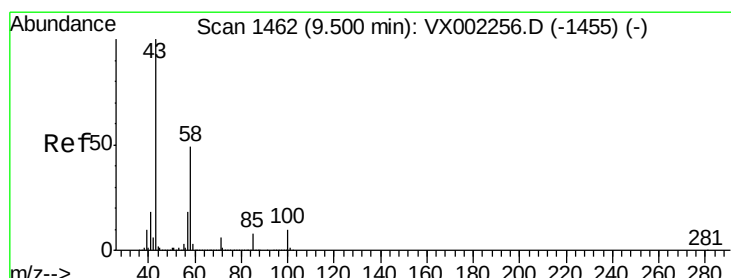
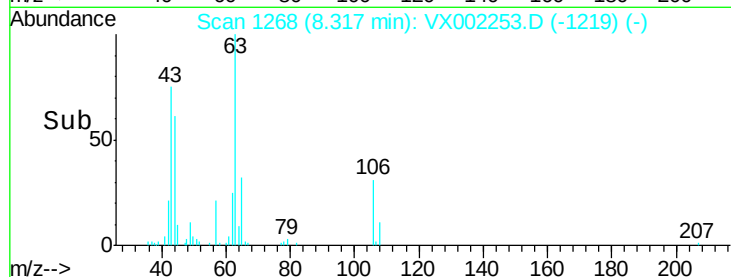
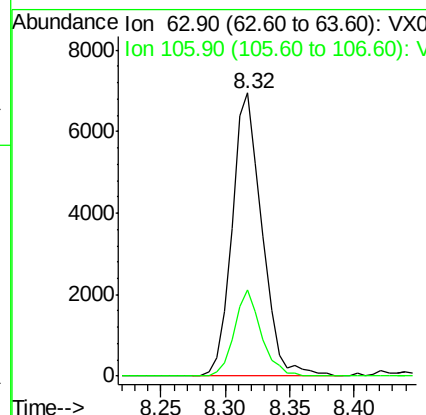
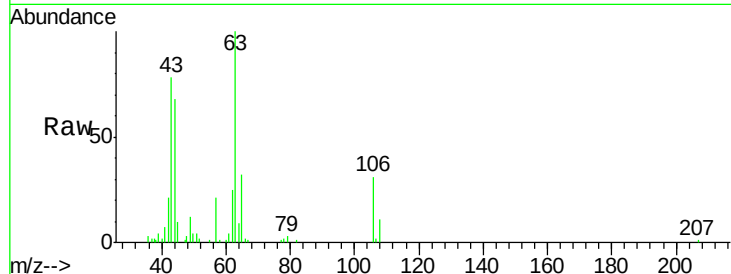
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.93 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 11276
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.8 32.8

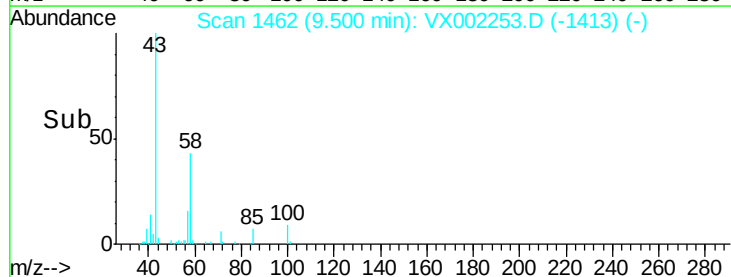
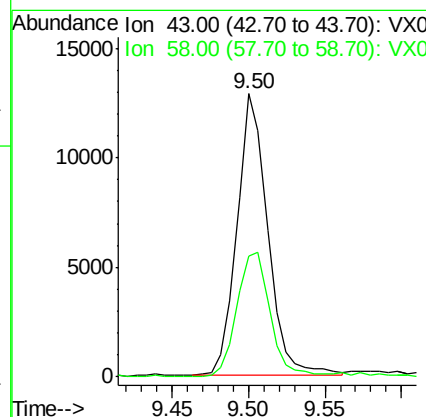
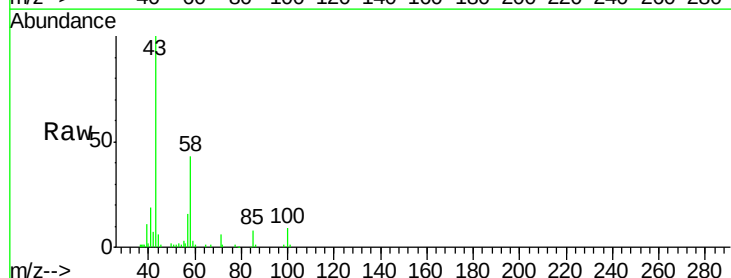
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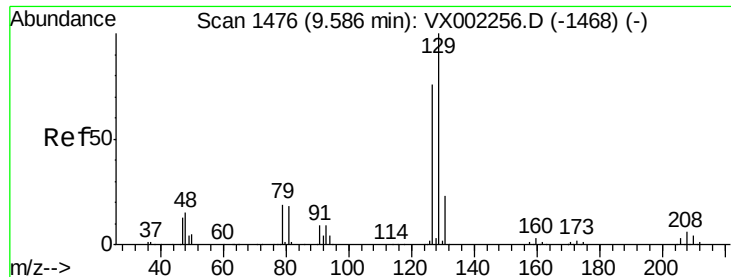
MMDadoda
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#59
 2-Hexanone
 Concen: 4.73 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Tgt Ion: 43 Resp: 17922
 Ion Ratio Lower Upper
 43 100
 58 48.1 24.6 73.6





#60

Dibromochloromethane

Concen: 0.83 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2575

Ion Ratio Lower Upper

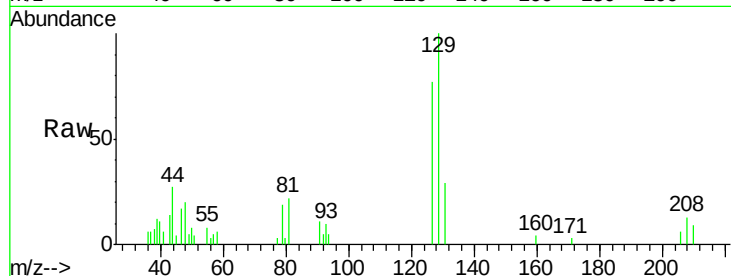
129 100

127 81.4 38.5 115.3

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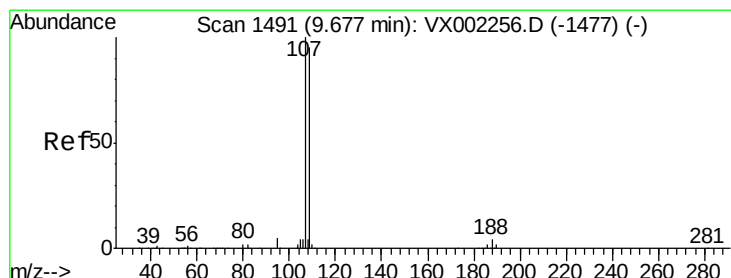
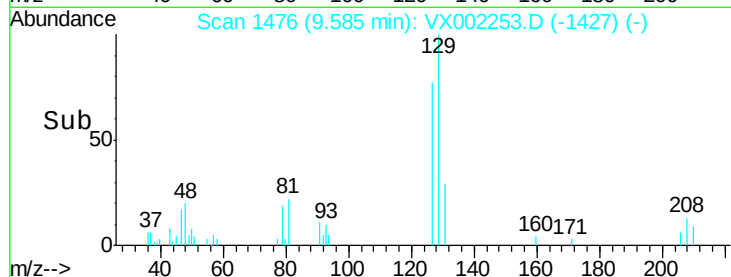
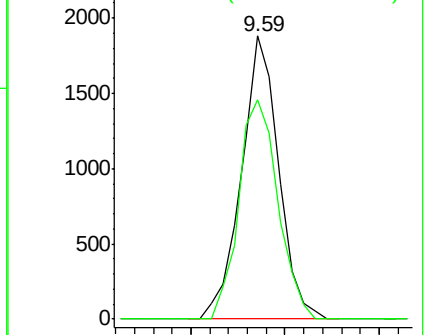
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.98 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002253.D

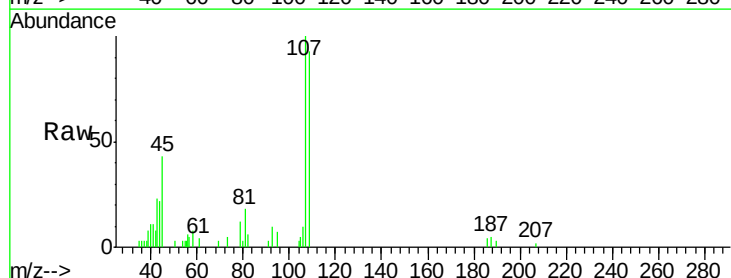
Acq: 04 Jun 2018 10:06

Tgt Ion:107 Resp: 3171

Ion Ratio Lower Upper

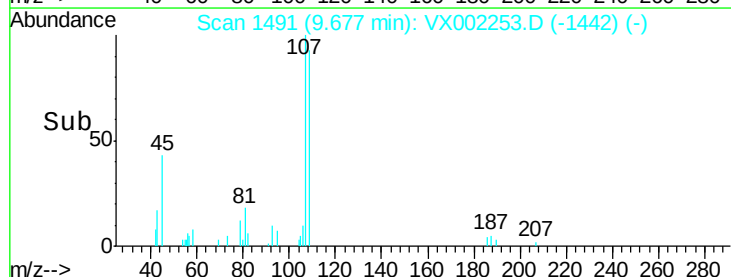
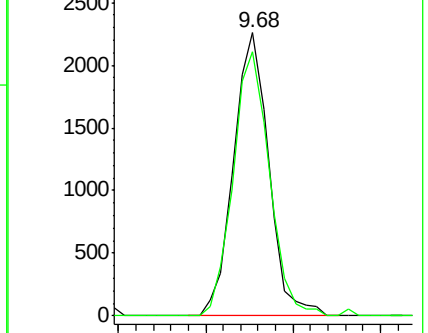
107 100

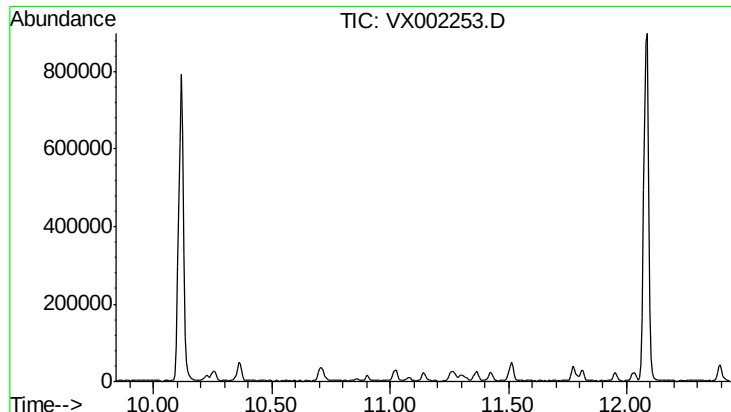
109 95.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.00 ug/l

Expected RT: 11.14 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tot Ion: 95

Sig Exp Ratio

95 100

174 93.7

176 90.5

Instrument :

MSVOA_X

ClientSampleId :

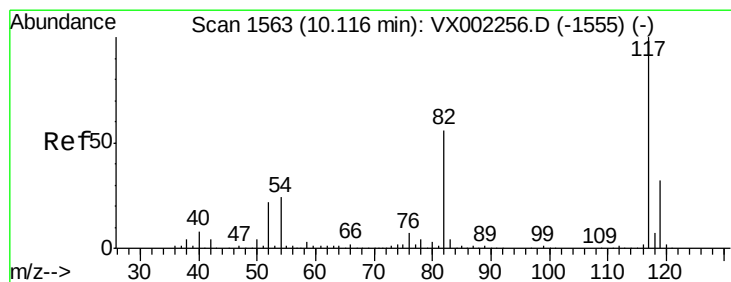
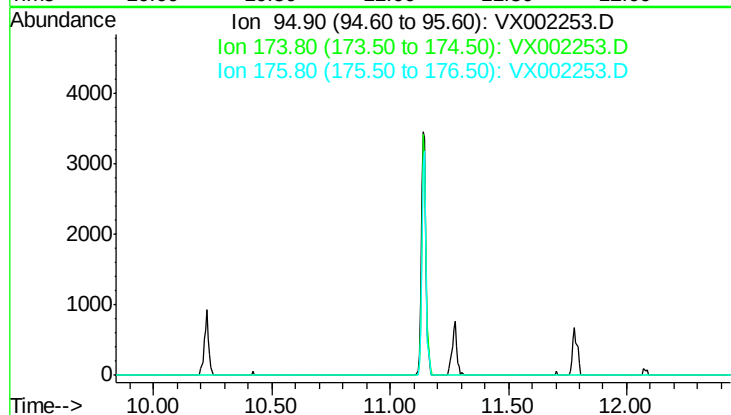
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

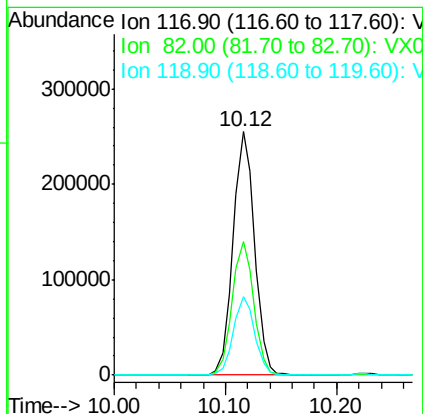
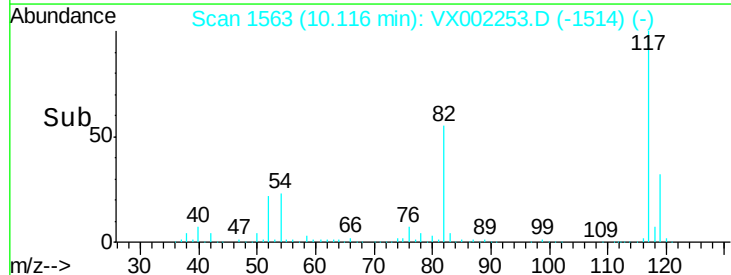
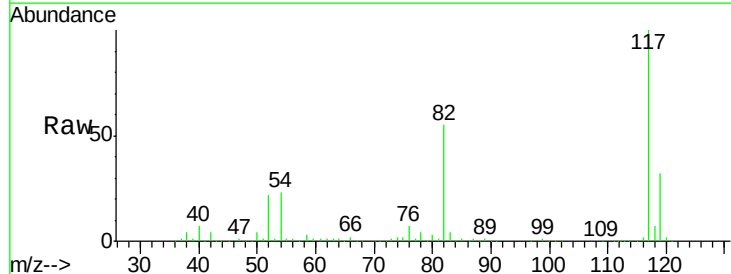
Tgt Ion:117 Resp: 340332

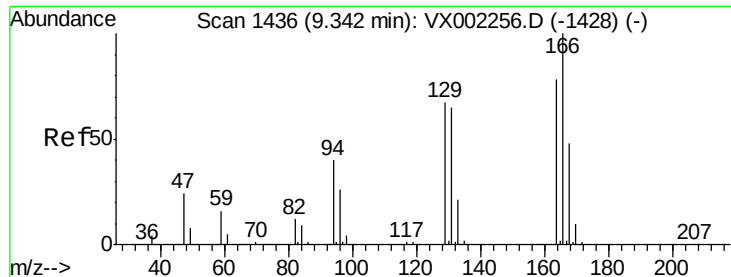
Ion Ratio Lower Upper

117 100

82 54.9 45.0 67.4

119 32.3 25.8 38.6





#64

Tetrachloroethene

Concen: 1.03 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

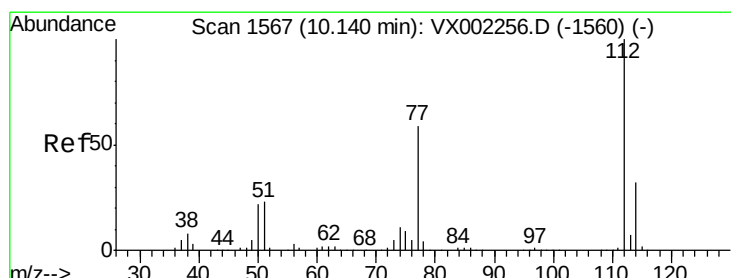
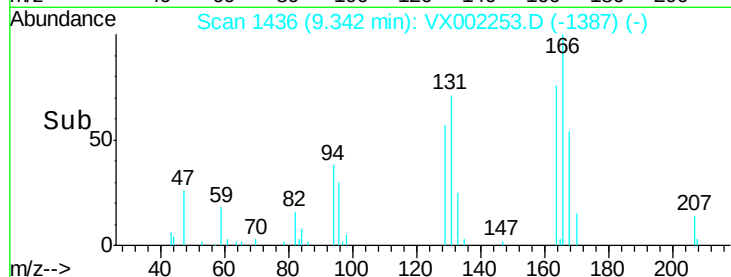
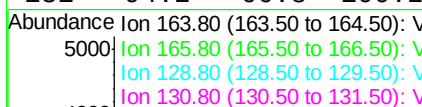
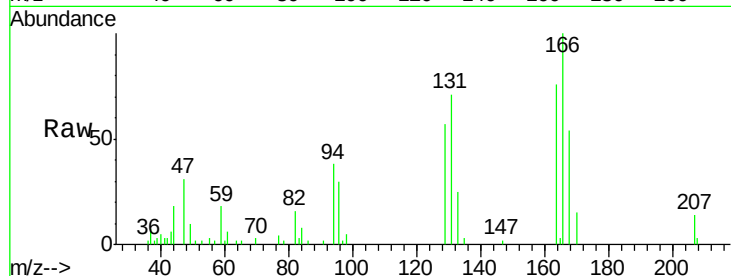
ClientSampled :

VSTDIC001

Tot Ion:	164	Resp:	3613
Ion	Ratio	Lower	Upper
164	100		
166	131.8	102.9	154.3
129	75.0	68.6	102.8
131	94.2	66.8	100.2

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#65

Chlorobenzene

Concen: 1.07 ug/l

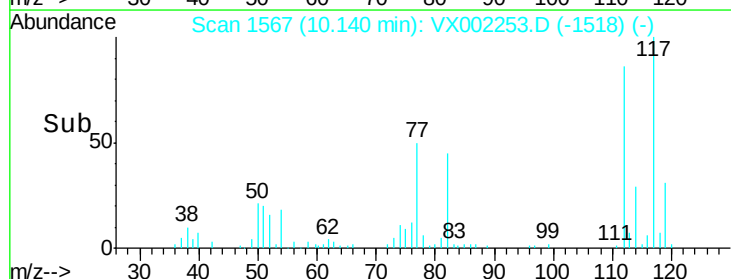
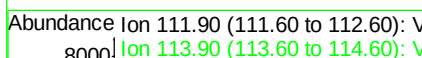
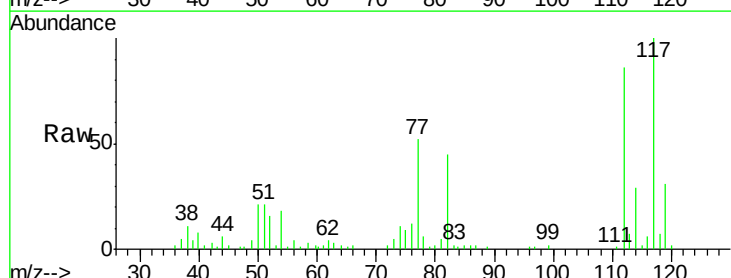
RT: 10.14 min Scan# 1567

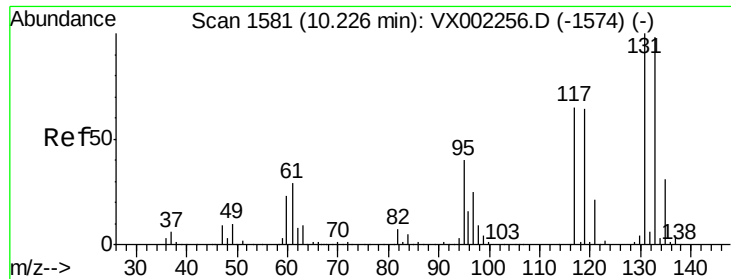
Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tgt Ion:	112	Resp:	9052
Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 0.98 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:131 Resp: 3018

Ion Ratio Lower Upper

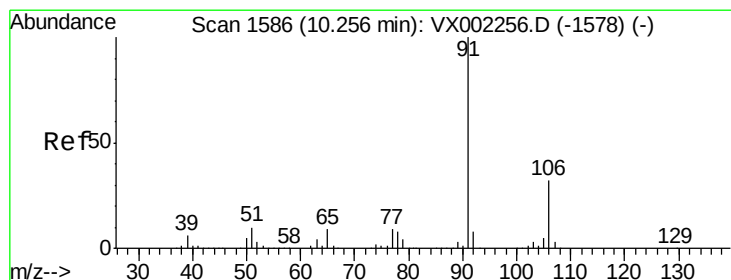
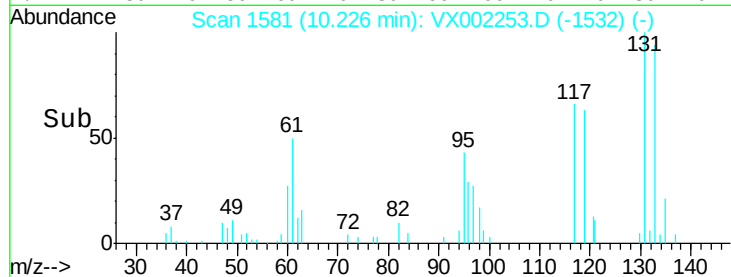
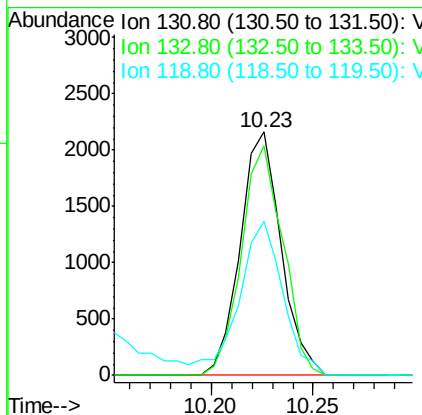
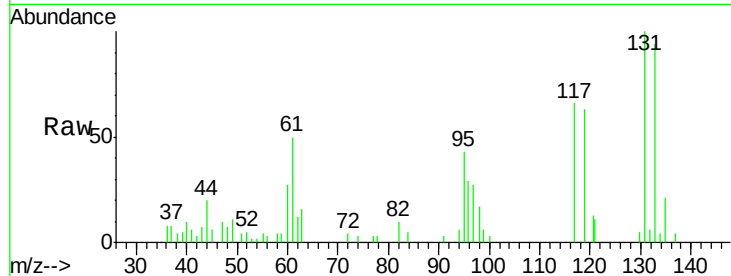
131 100

133 95.1 47.9 143.6

119 0.0 31.8 95.3#

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#67

Ethyl Benzene

Concen: 0.97 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002253.D

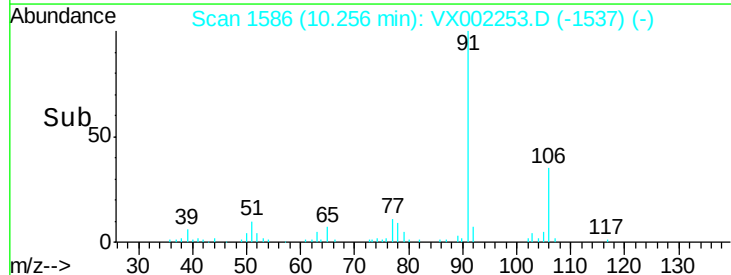
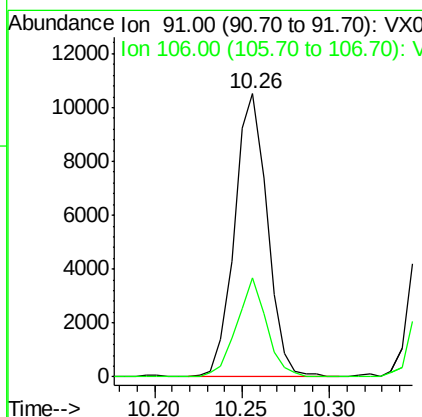
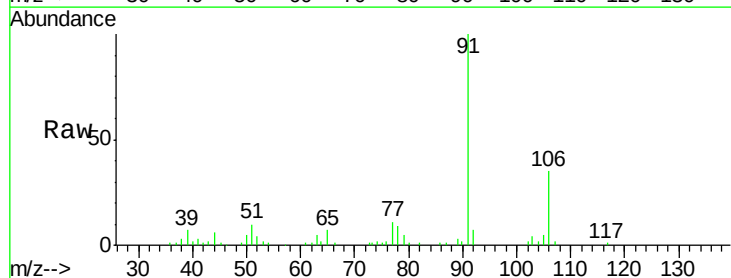
Acq: 04 Jun 2018 10:06

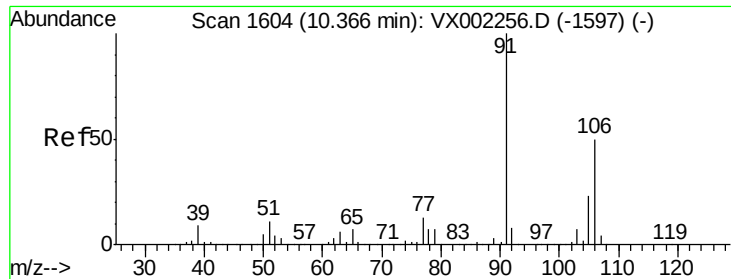
Tgt Ion: 91 Resp: 13711

Ion Ratio Lower Upper

91 100

106 35.2 25.5 38.3





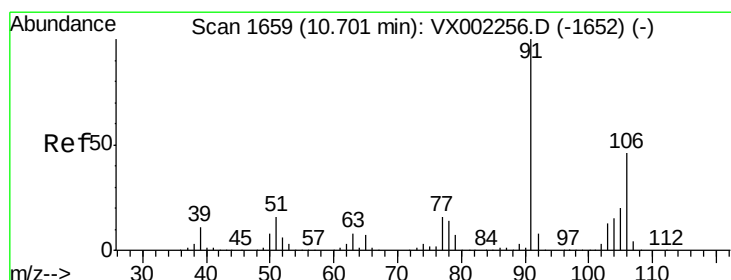
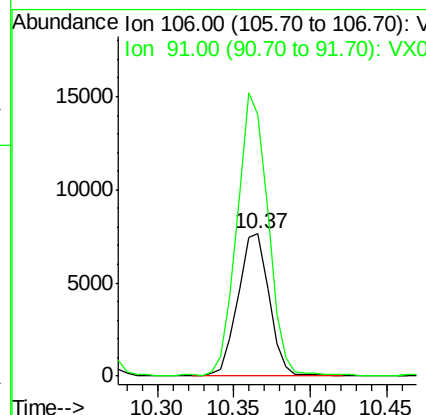
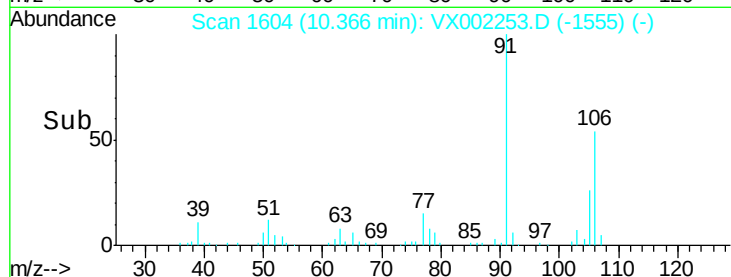
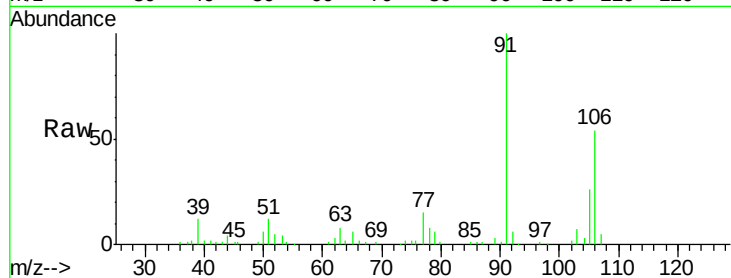
#68
m/p-Xylenes
Concen: 1.97 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 10832
Ion Ratio Lower Upper
106 100
91 198.6 163.4 245.2

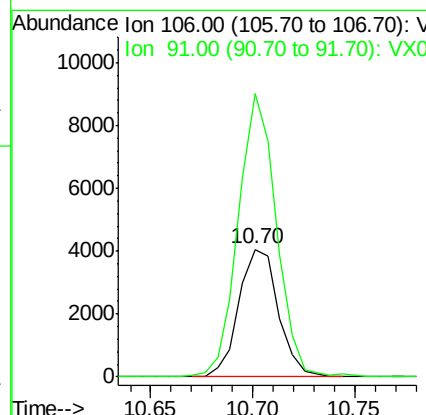
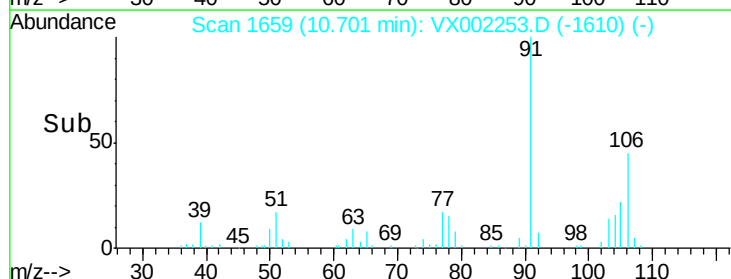
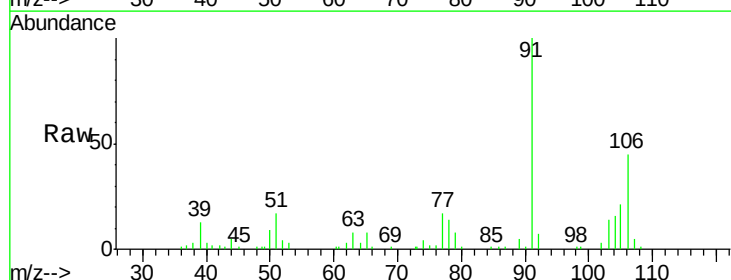
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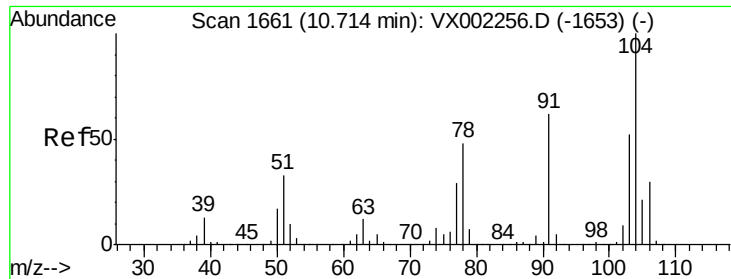
MMDadoda
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#69
o-Xylene
Concen: 0.99 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Tgt Ion:106 Resp: 5451
Ion Ratio Lower Upper
106 100
91 214.1 108.2 324.6





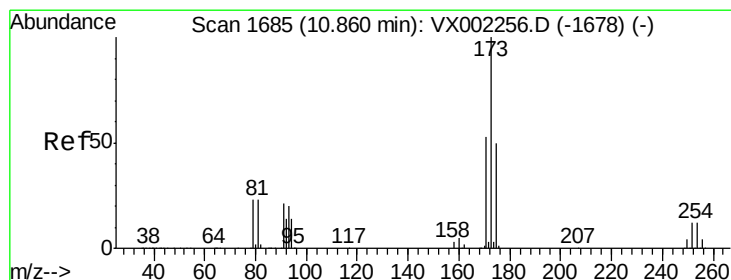
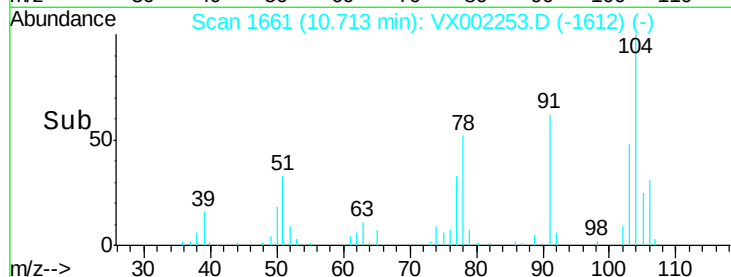
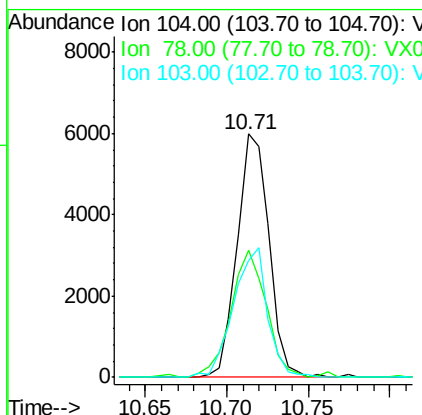
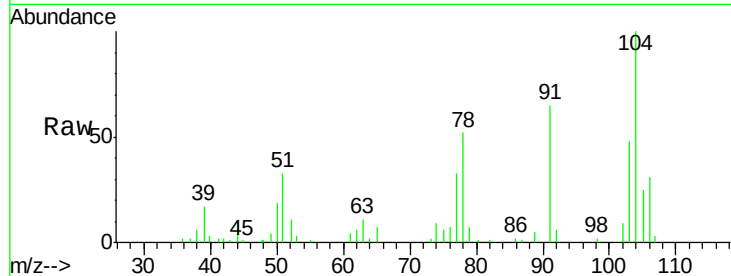
#70
Stvrene
Concen: 0.91 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	57.8	41.0	61.6
103	56.8	44.2	66.4

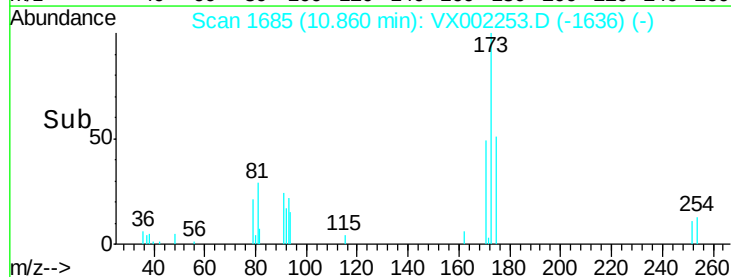
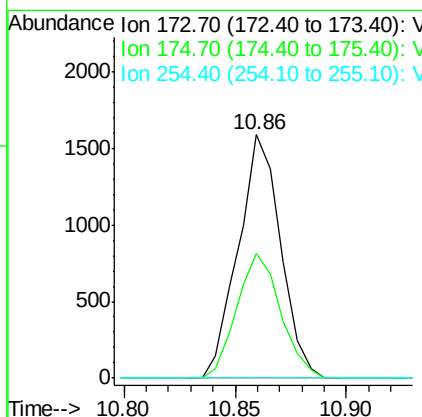
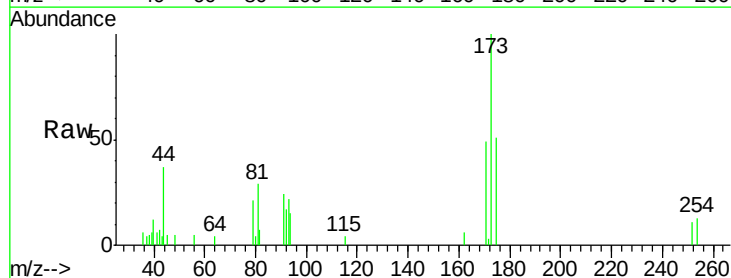
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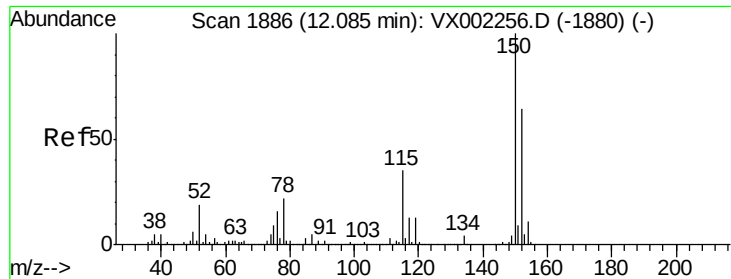
MMDadoda
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#71
Bromoform
Concen: 0.87 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Tgt Ion	Ratio	Lower	Upper
173	100		
175	52.8	24.7	74.1
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

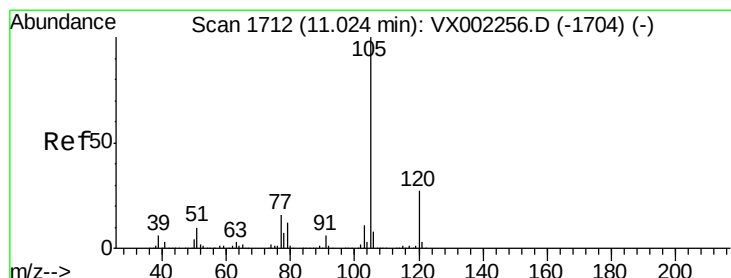
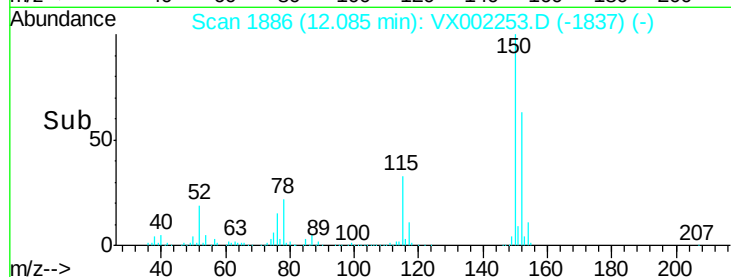
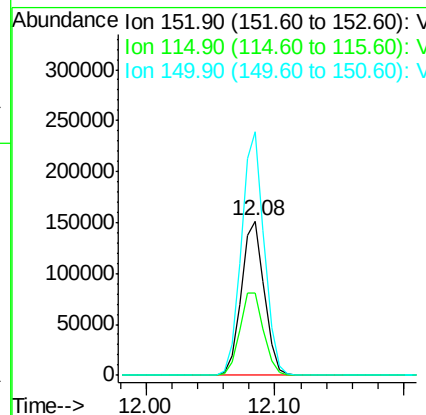
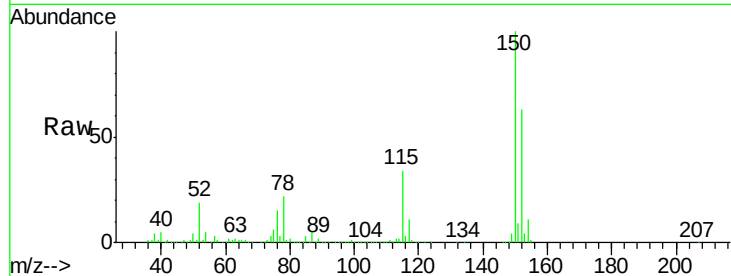
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	40.1	120.2
150	156.4	0.0	347.2

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#73

Isopropylbenzene

Concen: 1.02 ug/l

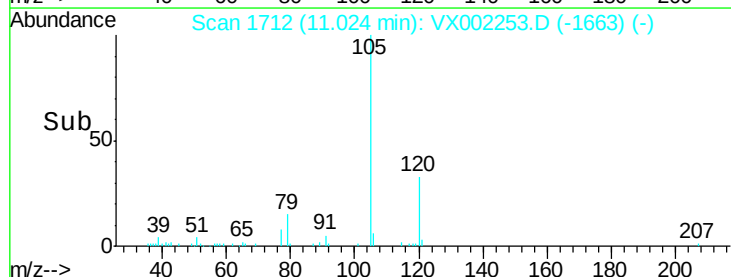
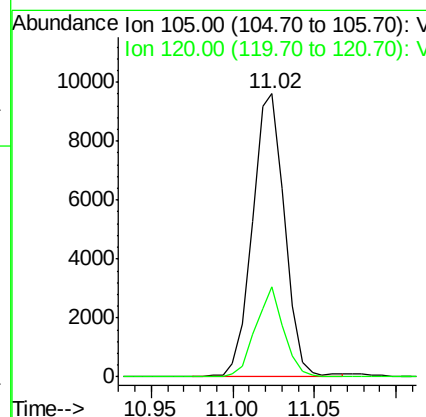
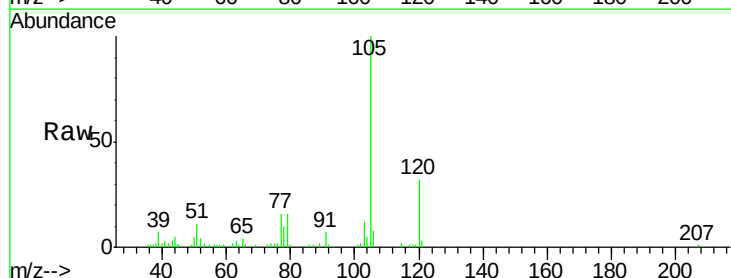
RT: 11.02 min Scan# 1712

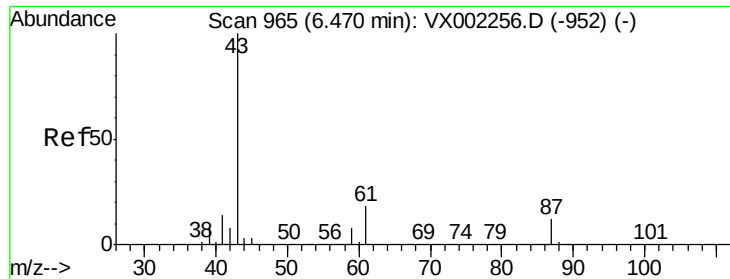
Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.5	40.4





#74

N-amvl acetate

Concen: 1.21 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

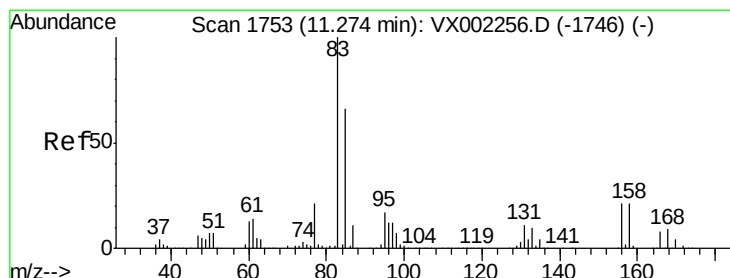
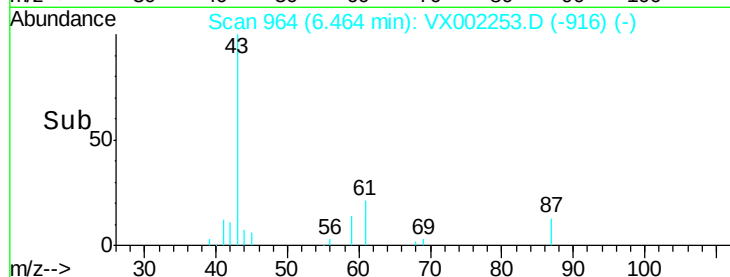
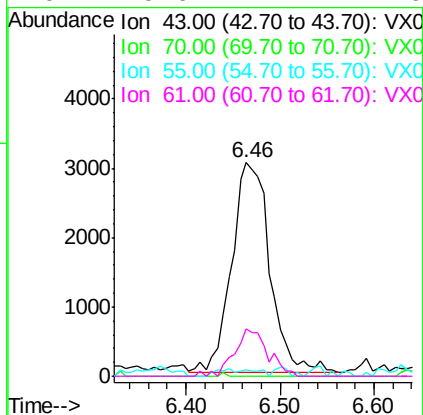
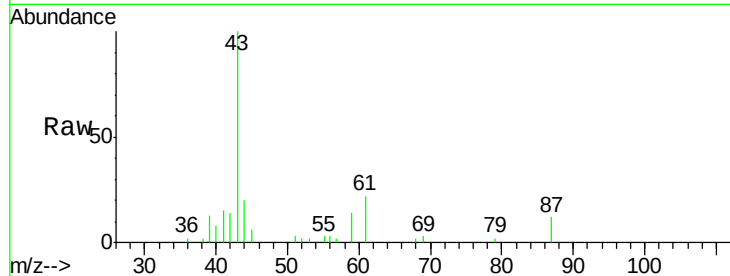
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	8492
Ion Ratio	Lower	Upper	
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	19.6	14.4	21.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.18 ug/l

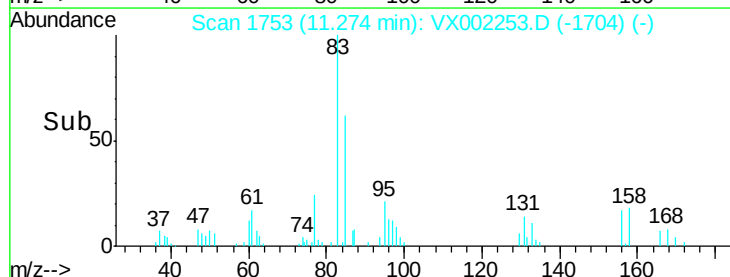
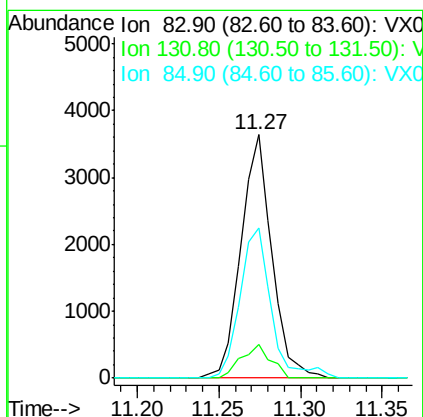
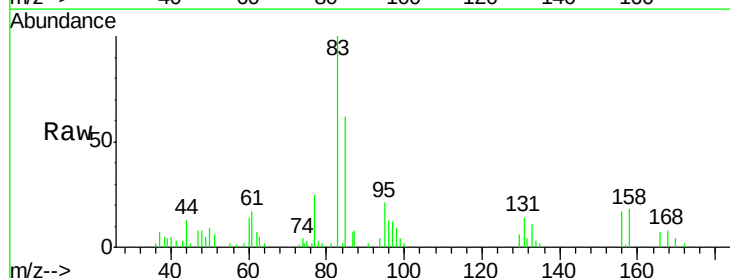
RT: 11.27 min Scan# 1753

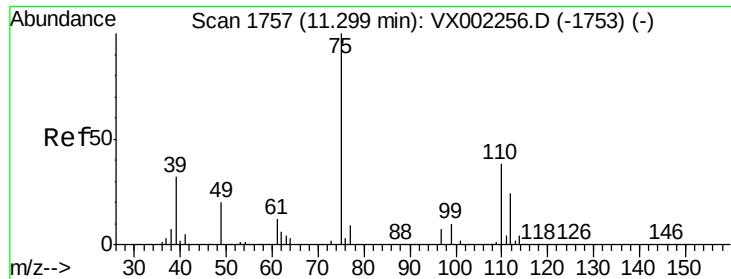
Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tgt Ion:	83	Resp:	4805
Ion Ratio	Lower	Upper	
83	100		
131	13.2	5.6	16.8
85	62.5	32.4	97.2





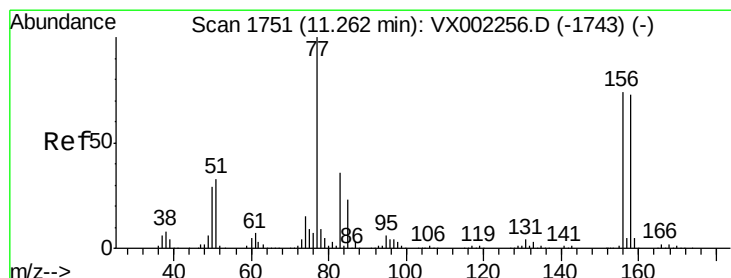
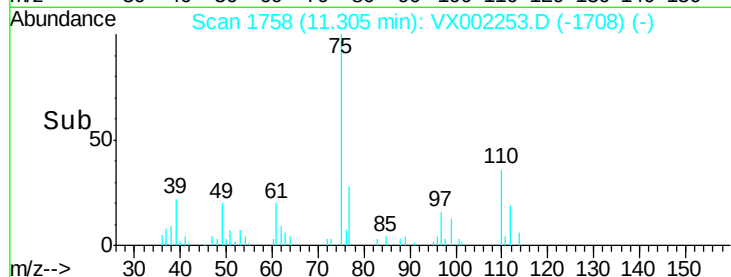
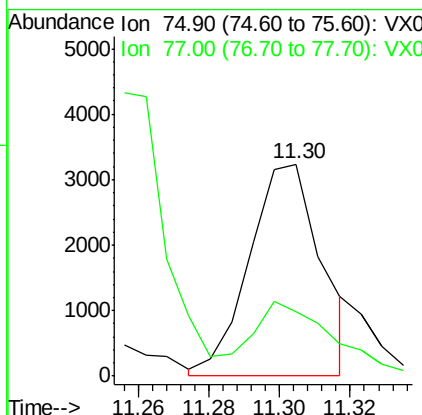
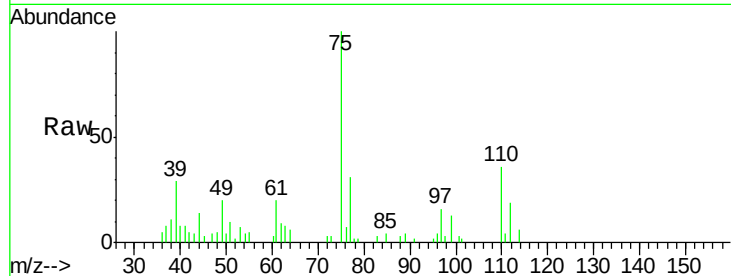
#76
1,2,3-Trichloropropane
Concen: 1.23 ug/l m
RT: 11.30 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 4599
Ion Ratio Lower Upper
75 100
77 41.1 22.8 68.3

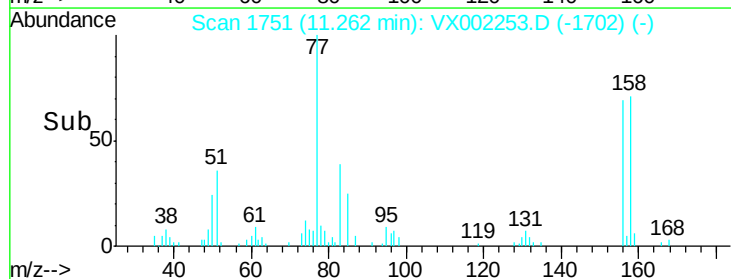
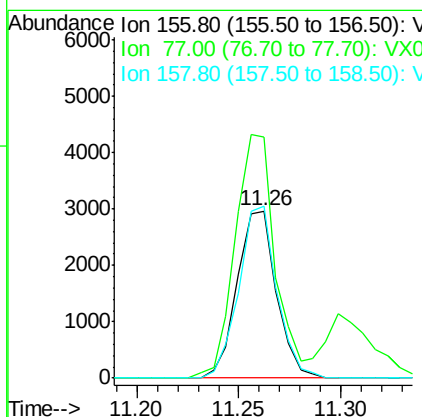
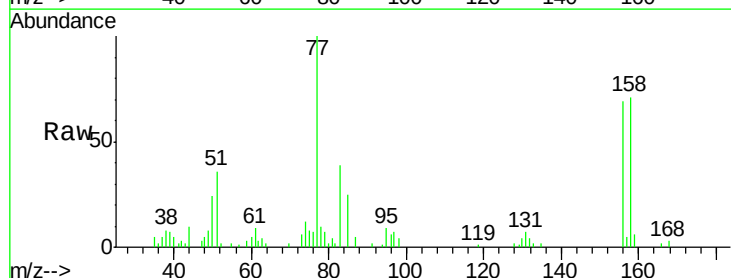
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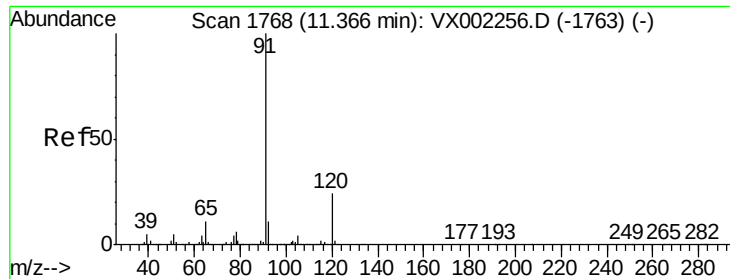
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#77
Bromobenzene
Concen: 1.08 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Tgt Ion: 156 Resp: 3955
Ion Ratio Lower Upper
156 100
77 147.4 71.4 214.2
158 99.7 48.9 146.6





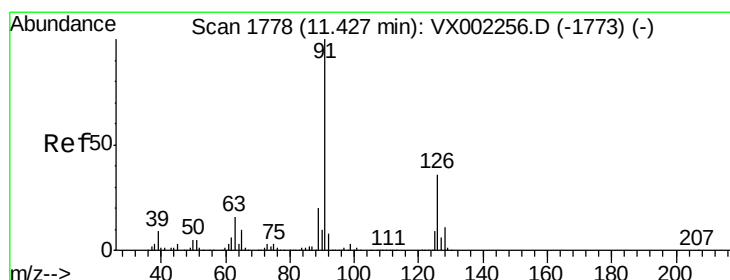
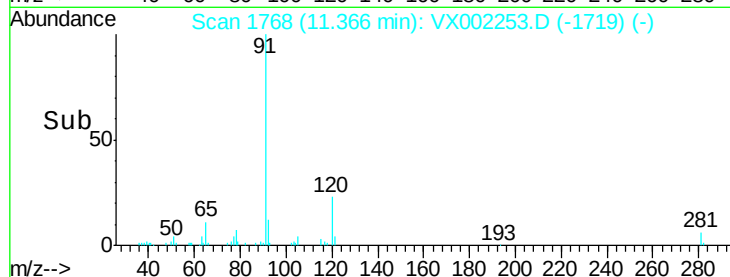
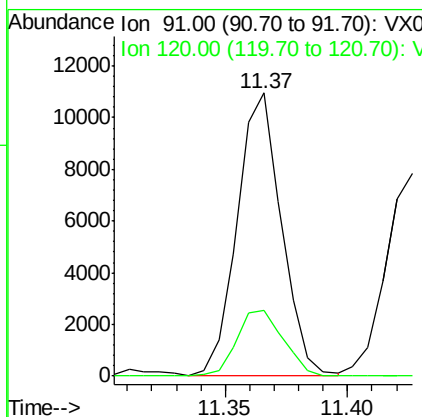
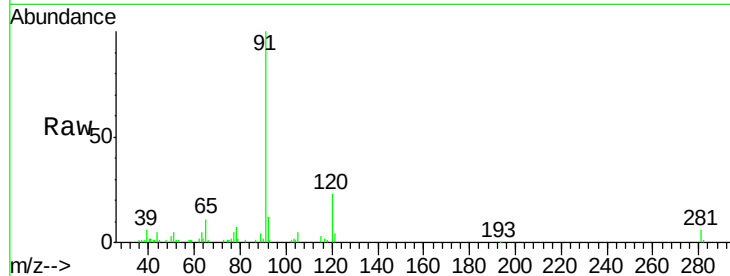
#78
n-propylbenzene
Concen: 0.96 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 13829
Ion Ratio Lower Upper
91 100
120 24.4 11.8 35.4

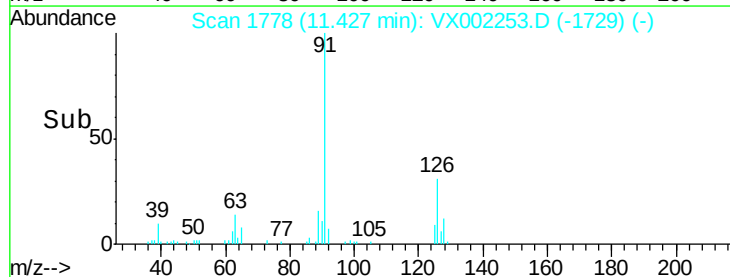
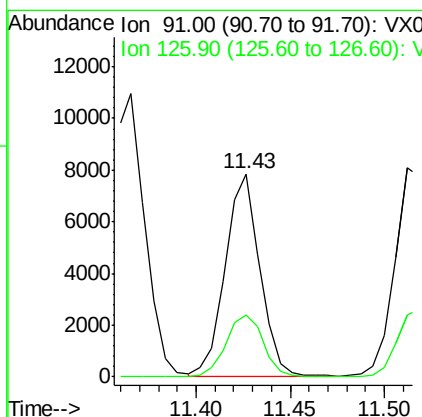
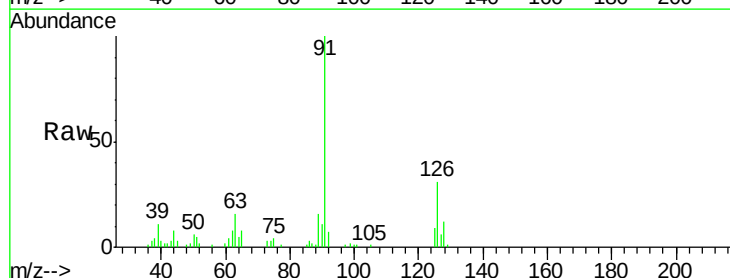
Manual Integrations
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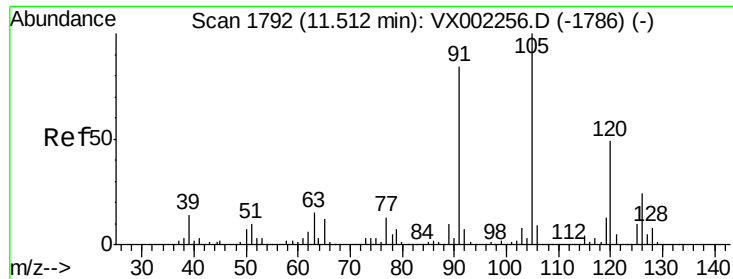
MMDadoda
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#79
2-Chlorotoluene
Concen: 1.11 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Tgt Ion: 91 Resp: 10094
Ion Ratio Lower Upper
91 100
126 32.5 17.7 53.1





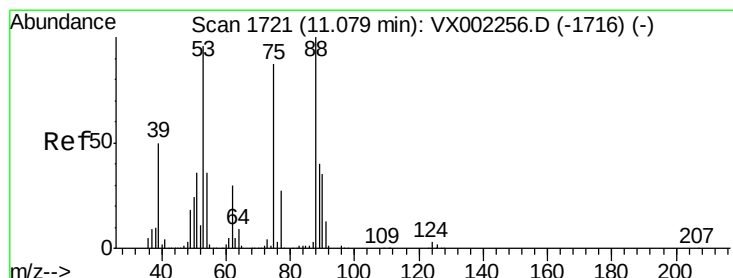
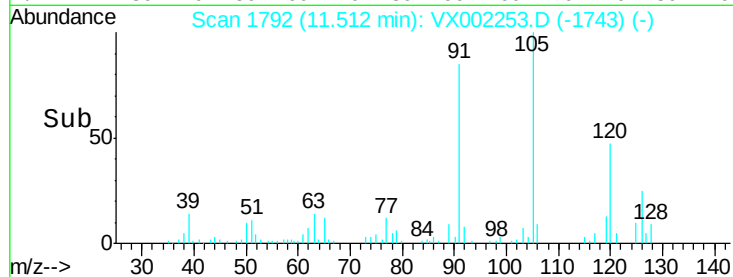
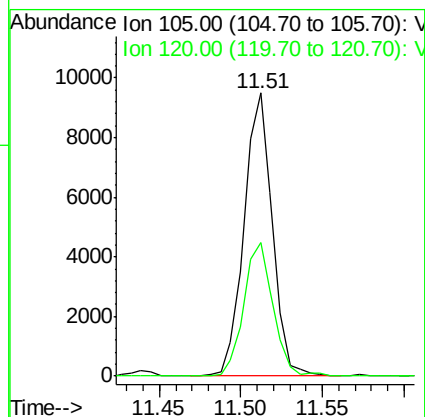
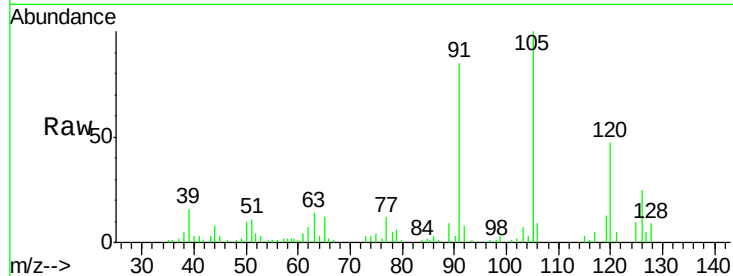
#80
 1,3,5-Trimethylbenzene
 Concen: 1.03 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 11436
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.4

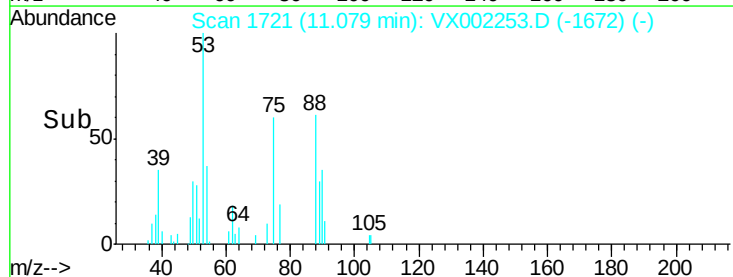
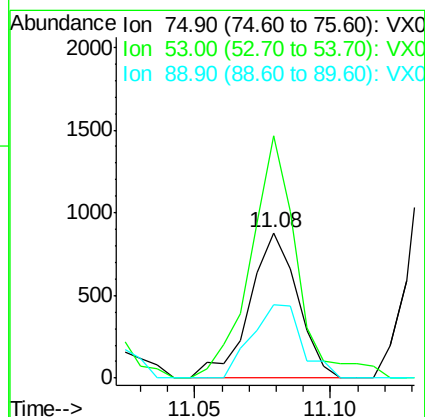
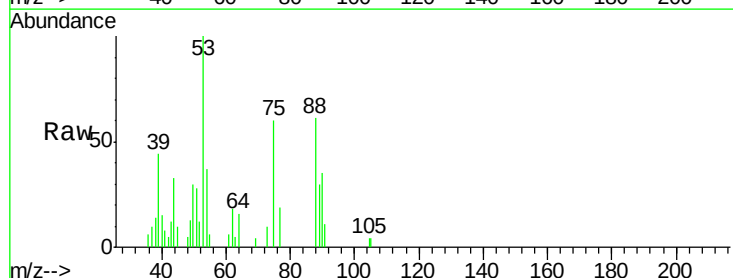
Manual Integrations
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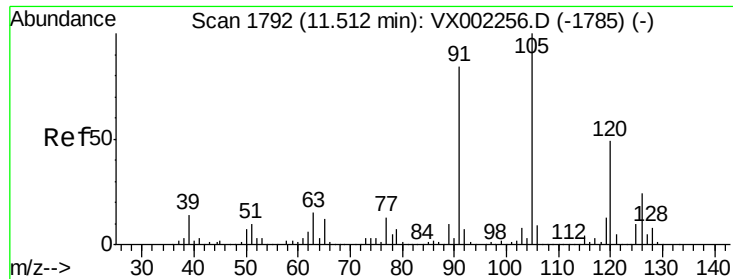
MMDadoda
 6/5/2018 5:56:00 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.92 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Tgt Ion: 75 Resp: 1074
 Ion Ratio Lower Upper
 75 100
 53 160.6 86.8 130.2#
 89 52.8 38.2 57.2





#82

4-Chlorotoluene

Concen: 1.02 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 10737

Ion Ratio Lower Upper

91 100

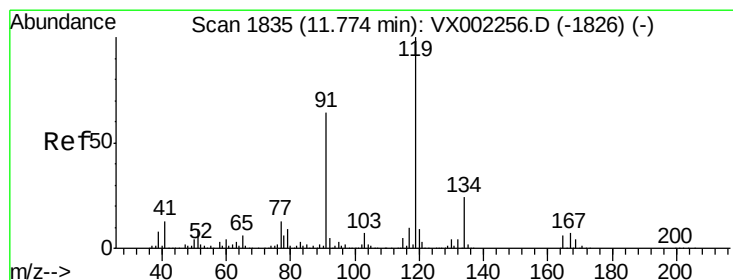
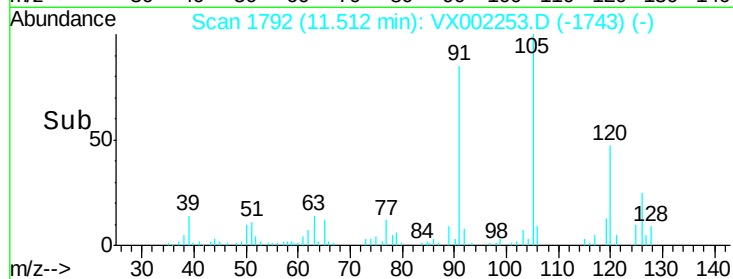
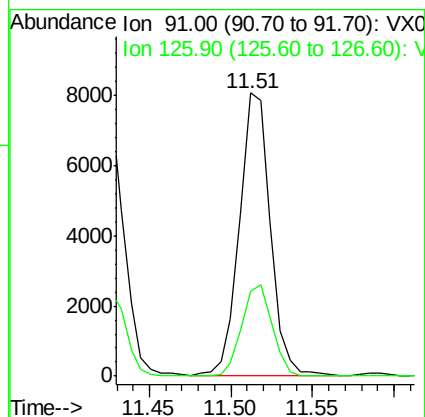
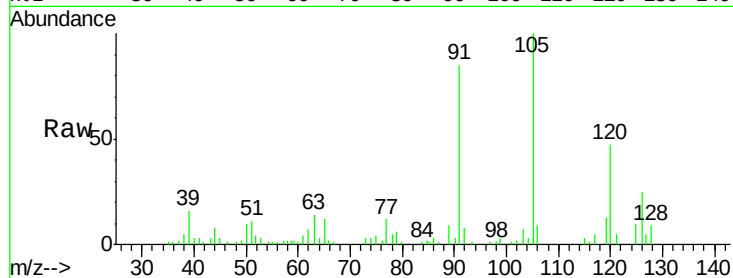
126 31.5 15.4 46.4

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#83

tert-Butylbenzene

Concen: 1.02 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

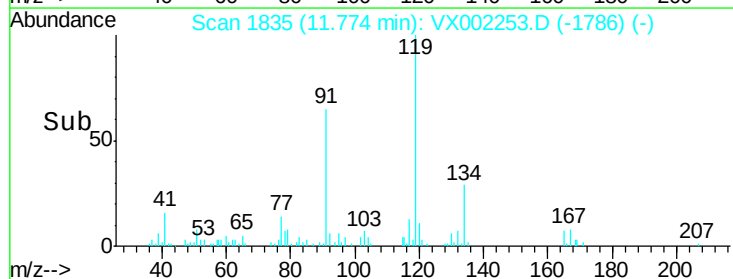
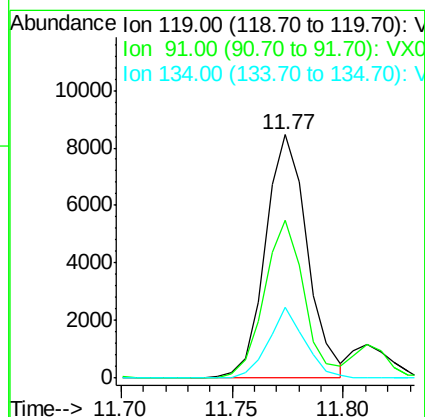
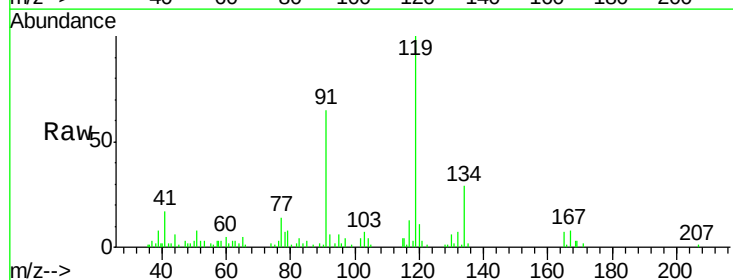
Tgt Ion: 119 Resp: 11024

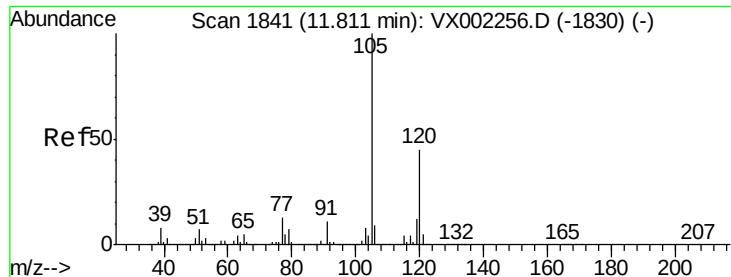
Ion Ratio Lower Upper

119 100

91 62.0 30.3 90.9

134 25.2 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 1.03 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:105 Resp: 11806

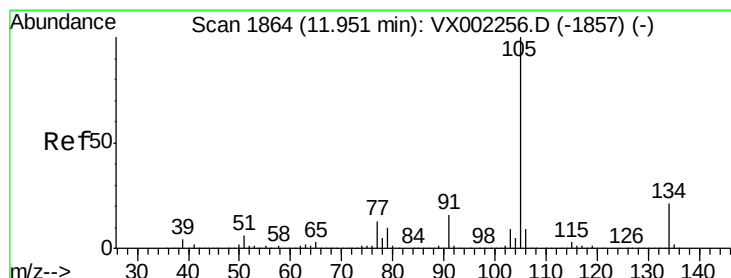
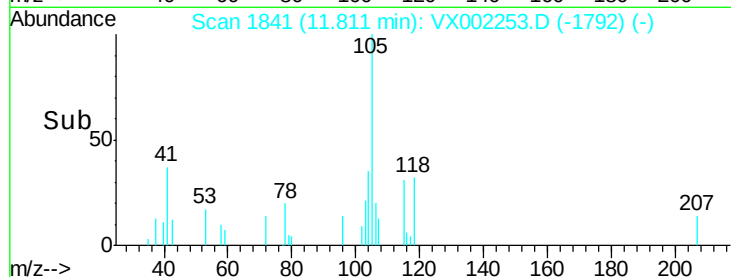
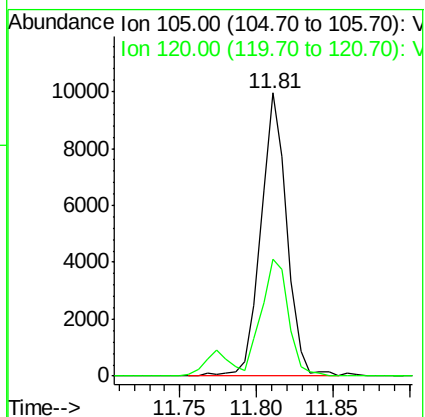
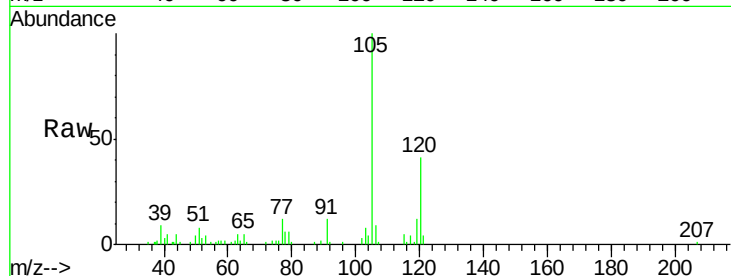
Ion Ratio Lower Upper

105 100

120 43.1 22.3 66.8

Manual Integrations
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#85

sec-Butylbenzene

Concen: 0.93 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002253.D

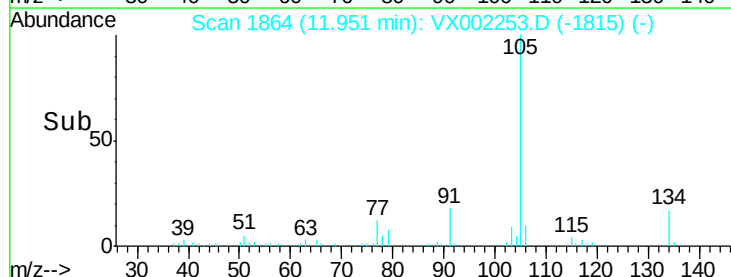
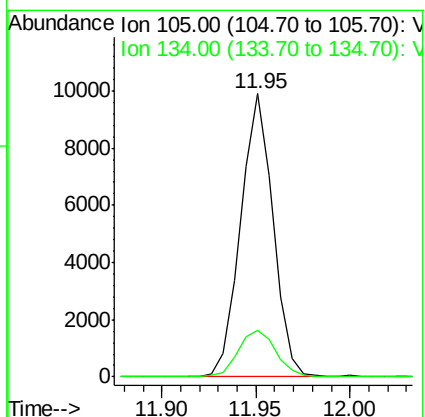
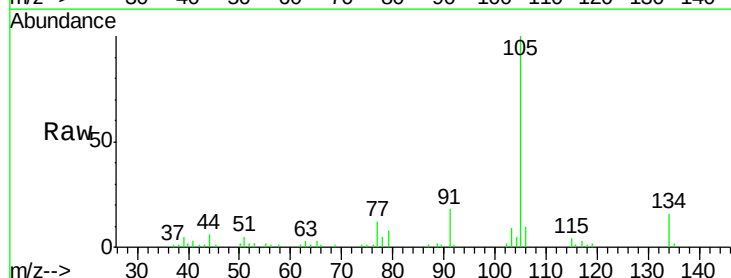
Acq: 04 Jun 2018 10:06

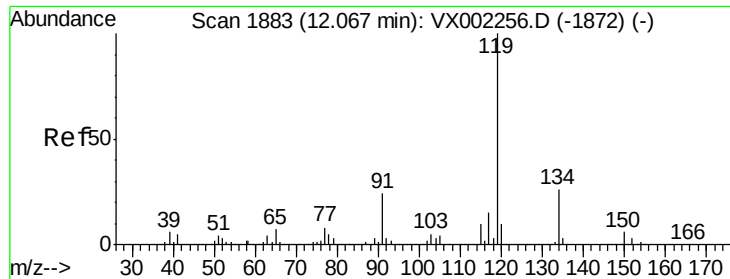
Tgt Ion:105 Resp: 11782

Ion Ratio Lower Upper

105 100

134 19.0 10.4 31.1





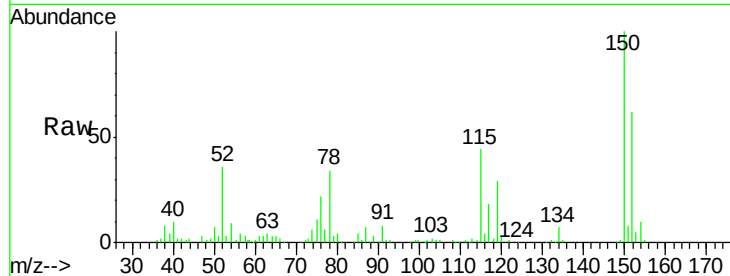
#86
 p-Isopropyltoluene
 Concen: 0.92 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.4	40.1
91	29.4	11.9	35.7

Manual Integrations
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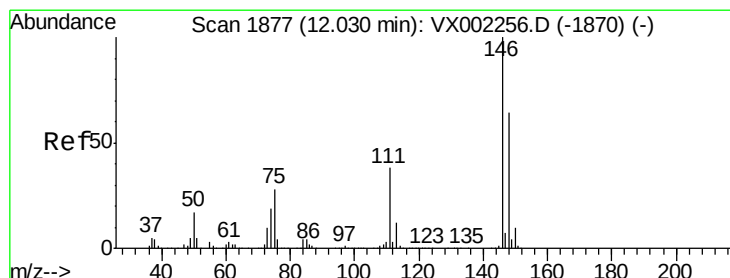
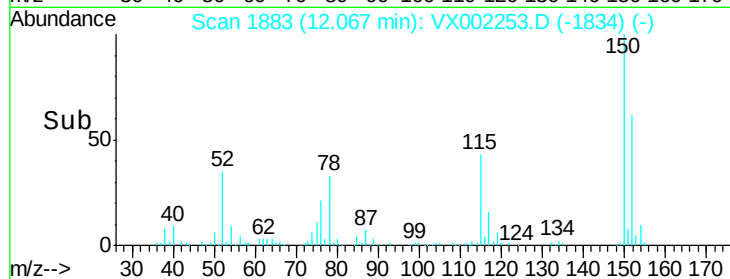
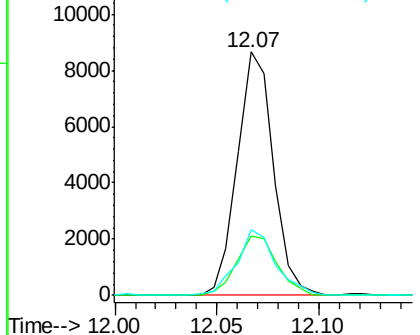


Abundance

Ion 119.00 (118.70 to 119.70): V

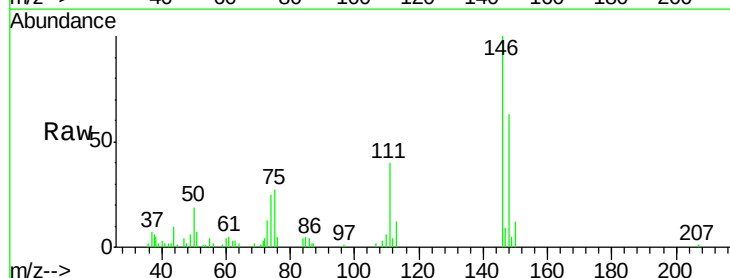
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87
 1,3-Dichlorobenzene
 Concen: 1.08 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.9	56.7
148	60.5	32.1	96.3

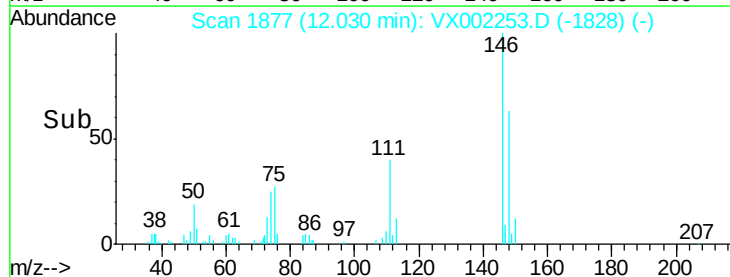
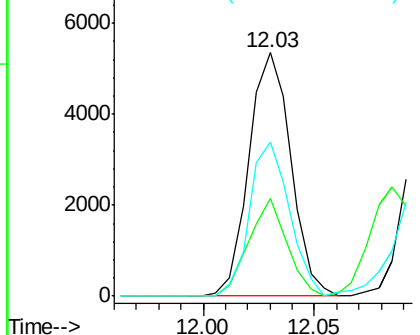


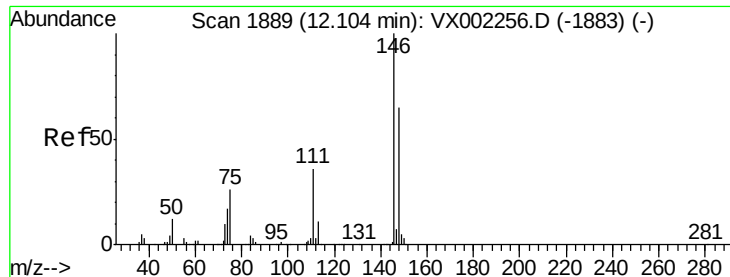
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 1.16 ug/l m

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

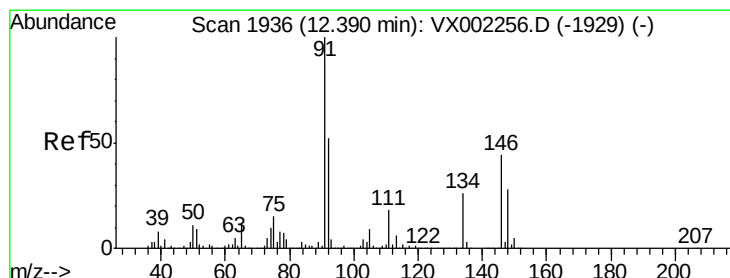
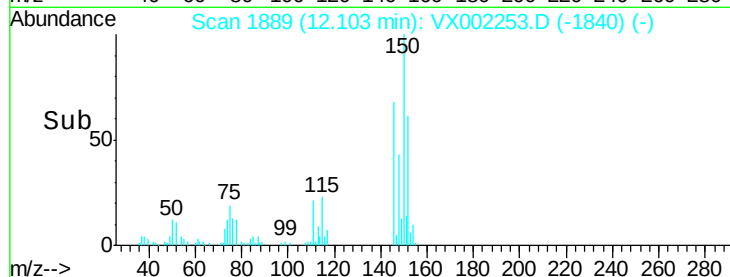
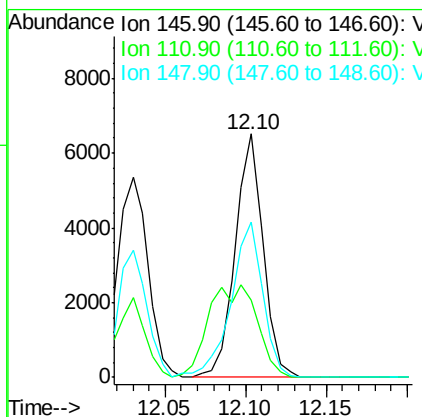
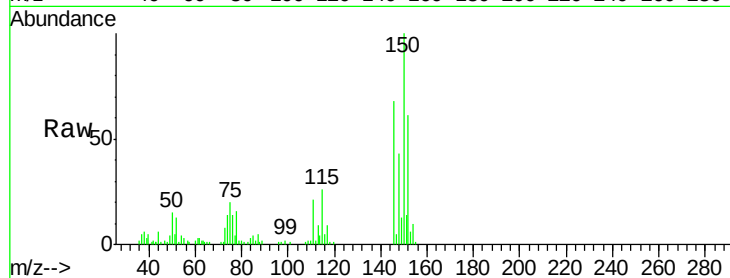
ClientSampled :

VSTDIC001

Tot Ion:	146	Resp:	7817
Ion Ratio	Lower	Upper	
146	100		
111	32.8	18.7	56.1
148	54.5	32.4	97.0

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#89

n-Butylbenzene

Concen: 0.85 ug/l

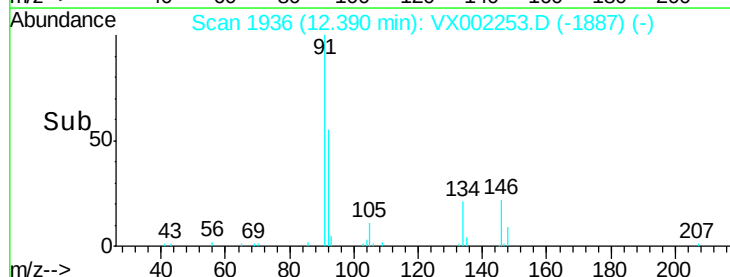
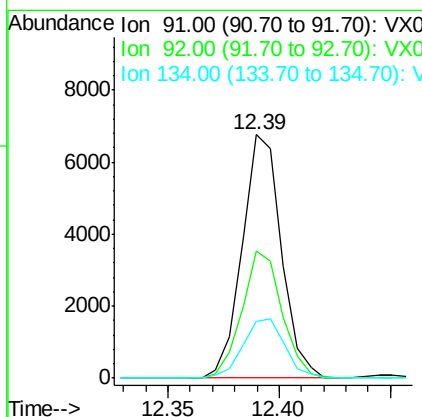
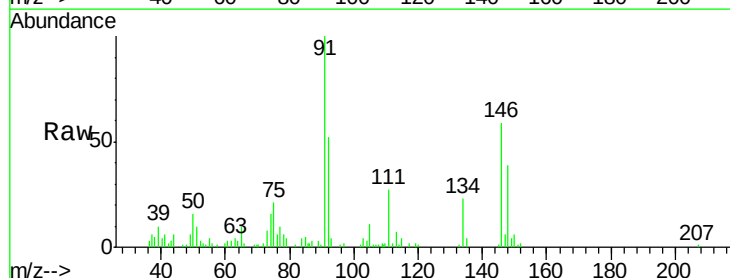
RT: 12.39 min Scan# 1936

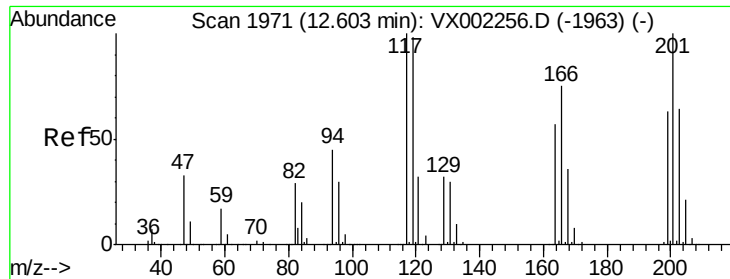
Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tgt Ion:	91	Resp:	8284
Ion Ratio	Lower	Upper	
91	100		
92	53.4	26.0	78.0
134	26.1	13.5	40.5





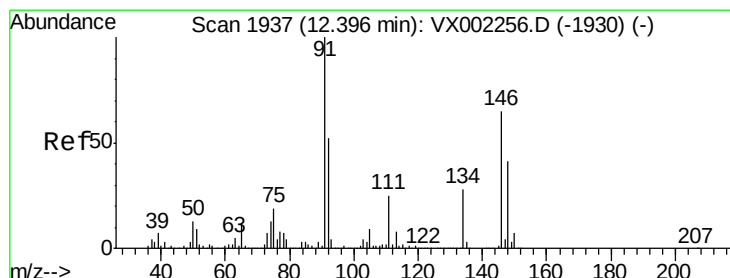
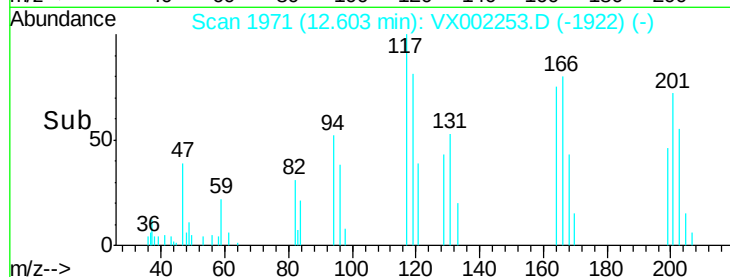
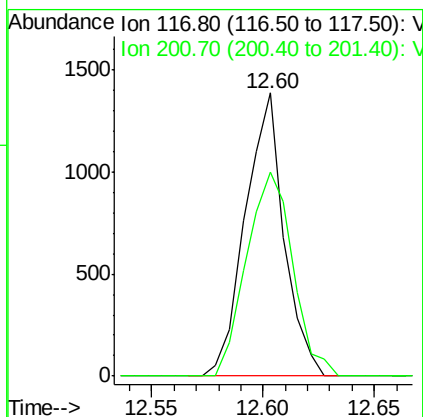
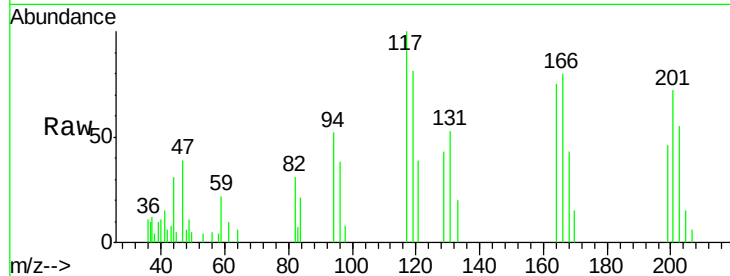
#90
Hexachloroethane
Concen: 0.91 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 1677
Ion Ratio Lower Upper
117 100
201 85.9 49.0 147.0

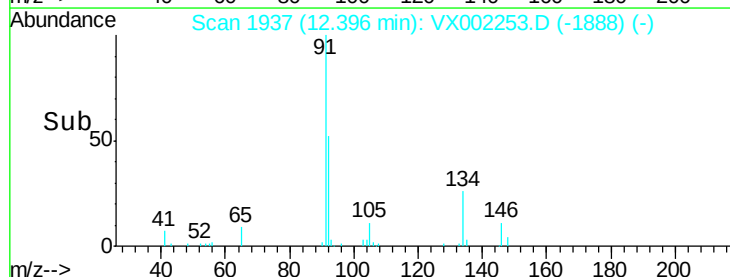
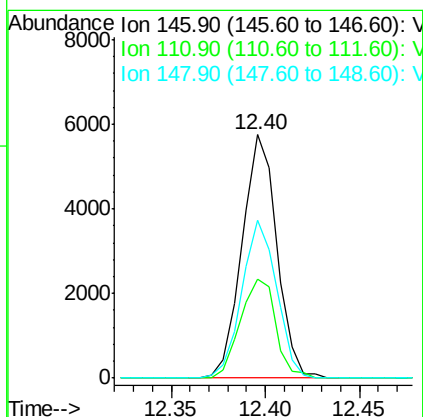
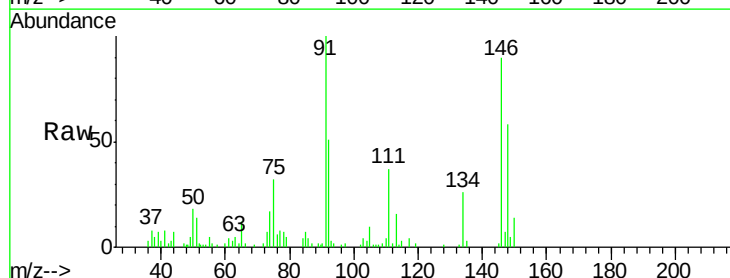
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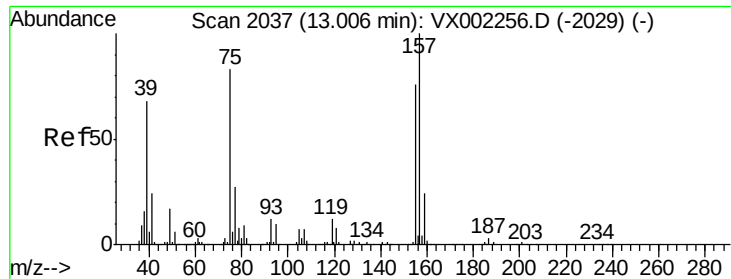
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#91
1,2-Dichlorobenzene
Concen: 1.09 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002253.D
Acq: 04 Jun 2018 10:06

Tgt Ion:146 Resp: 7378
Ion Ratio Lower Upper
146 100
111 41.6 19.4 58.1
148 64.9 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.88 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

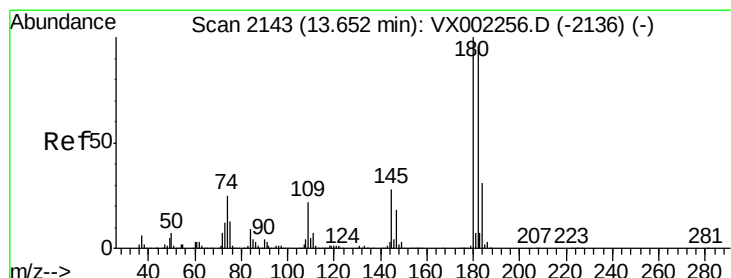
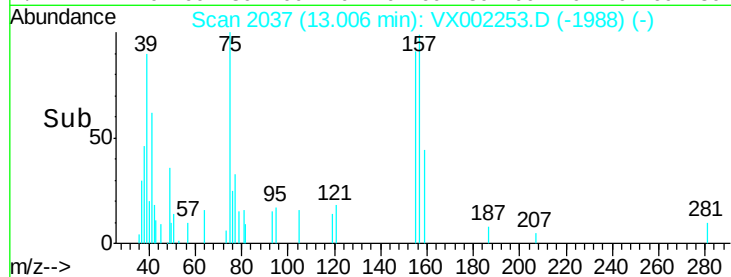
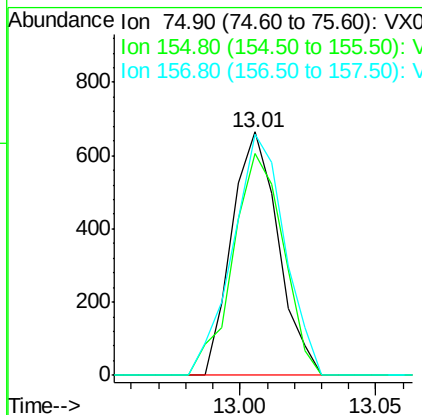
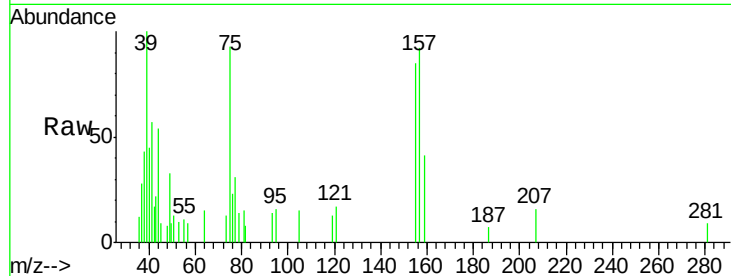
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	787
Ion	Ratio	Lower	Upper
75	100		
155	98.9	45.8	137.4
157	110.8	60.1	180.3

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#93

1,2,4-Trichlorobenzene

Concen: 1.02 ug/l

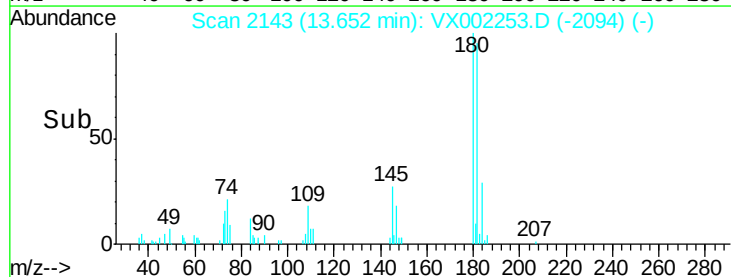
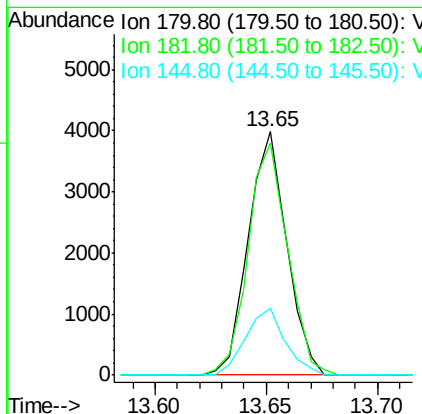
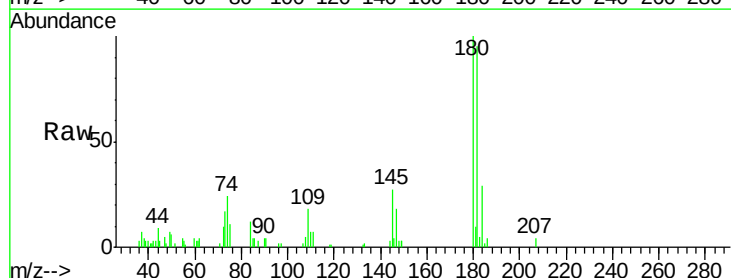
RT: 13.65 min Scan# 2143

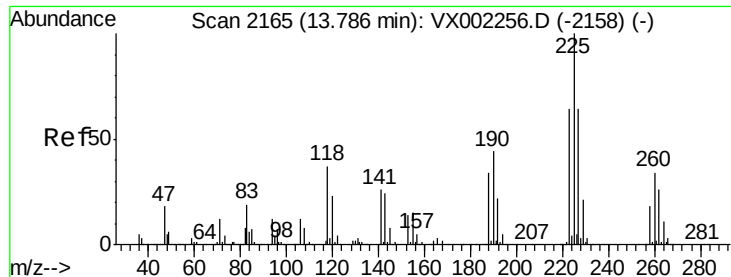
Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Tgt Ion:	180	Resp:	4807
Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.7	143.1
145	28.2	14.1	42.4





#94

Hexachlorobutadiene

Concen: 0.87 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002253.D

Acq: 04 Jun 2018 10:06

Instrument :

MSVOA_X

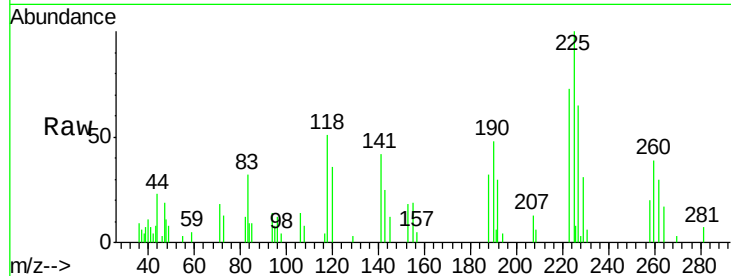
ClientSampled :

VSTDIC001

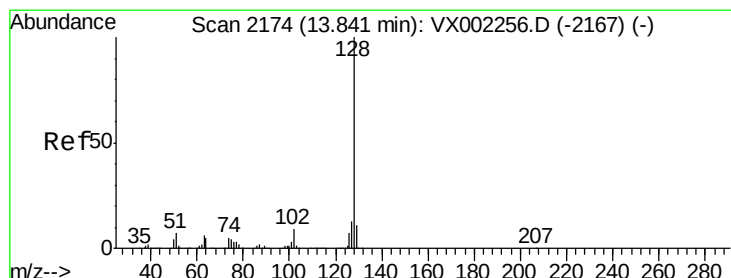
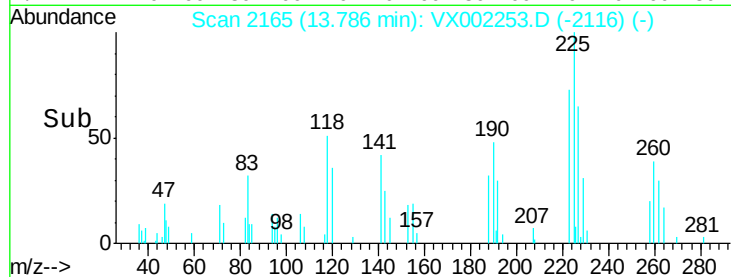
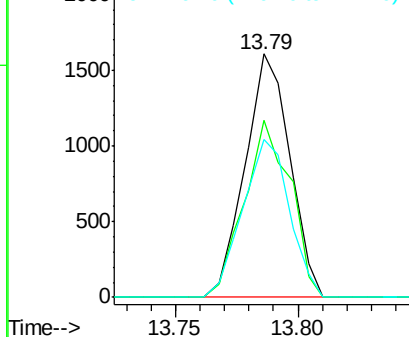
Tot Ion:	225	Resp:	2046
Ion Ratio	Lower	Upper	
225	100		
223	74.5	31.6	95.0
227	67.6	32.4	97.2

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



#95

Naphthalene

Concen: 1.01 ug/l

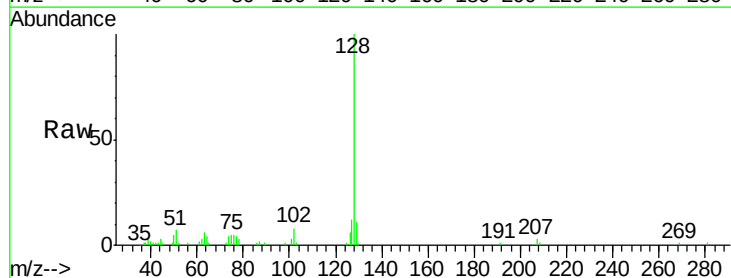
RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

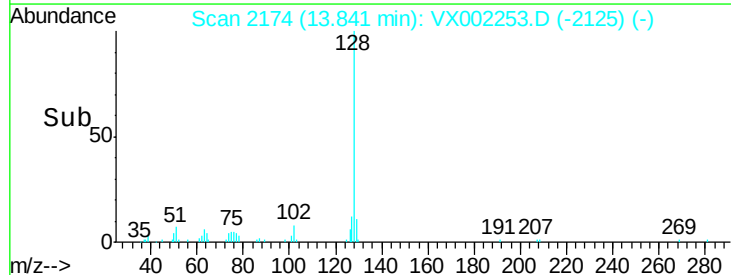
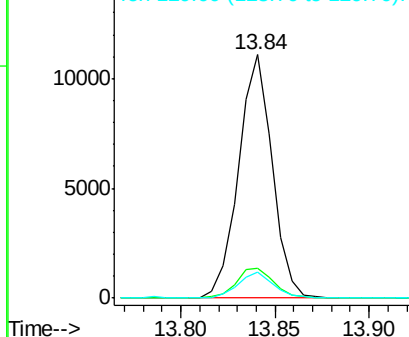
Lab File: VX002253.D

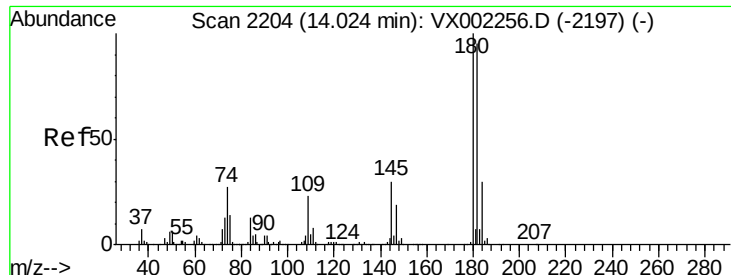
Acq: 04 Jun 2018 10:06

Tgt Ion:	128	Resp:	13706
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.4	15.6
129	11.2	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





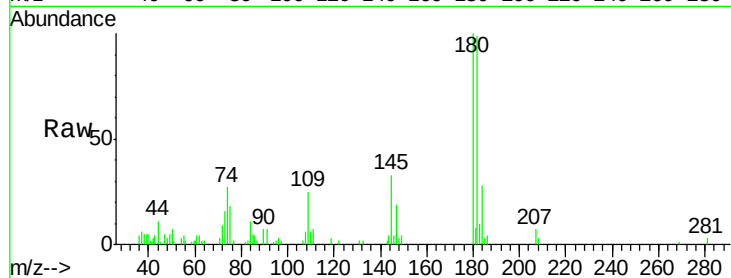
#96
 1,2,3-Trichlorobenzene
 Concen: 1.03 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002253.D
 Acq: 04 Jun 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
180	100	4994		
182	94.1		48.0	144.0
145	32.6		14.8	44.3

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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

