

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001287.D
 Acq On : 01 May 2018 20:19
 Operator : JC/MD
 Sample : VX0501WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

Manual Integrations
 APPROVED

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 5/2/2018 4:20:57 PM

Quant Time: May 02 05:20:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	253382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	240836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161496	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	122332	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.80%		
35) Dibromofluoromethane	5.51	113	103407	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.74%		
50) Toluene-d8	8.72	98	382196	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.02%		
62) 4-Bromofluorobenzene	11.14	95	144658	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.76%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	46595	21.88	ug/l	99
3) Chloromethane	1.32	50	42341	20.25	ug/l	98
4) Vinyl Chloride	1.40	62	46928	21.32	ug/l	100
5) Bromomethane	1.64	94	37818	22.15	ug/l	100
6) Chloroethane	1.73	64	29712	21.35	ug/l	98
7) Trichlorofluoromethane	1.93	101	80150	21.57	ug/l	99
8) Diethyl Ether	2.19	74	27153	21.29	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45455	21.22	ug/l	98
10) Methyl Iodide	2.51	142	39562	19.81	ug/l	99
11) Tert butyl alcohol	3.09	59	60581	132.11	ug/l	100
12) 1,1-Dichloroethene	2.37	96	39886	20.65	ug/l	93
13) Acrolein	2.30	56	23994	90.88	ug/l	99
14) Allyl chloride	2.73	41	73555	21.77	ug/l	99
15) Acrylonitrile	3.15	53	122649	115.40	ug/l	99
16) Acetone	2.45	43	132635	116.58	ug/l	99
17) Carbon Disulfide	2.57	76	96746	19.23	ug/l	98
18) Methyl Acetate	2.78	43	64591	24.04	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	143151	21.76	ug/l	98
20) Methylene Chloride	2.86	84	46437	21.72	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	43561	20.72	ug/l	98
22) Diisopropyl ether	3.88	45	129587	19.91	ug/l	98
23) Vinyl Acetate	3.83	43	562266	101.95	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79678	21.98	ug/l	98
25) 2-Butanone	4.72	43	172780	112.32	ug/l	98
26) 2,2-Dichloropropane	4.59	77	57053	19.34	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	46592	20.17	ug/l	97
28) Bromochloromethane	5.03	49	37061	22.74	ug/l	99
29) Tetrahydrofuran	5.18	42	105851	111.88	ug/l	98
30) Chloroform	5.23	83	77175	20.14	ug/l	96
31) Cyclohexane	5.58	56	62789	19.18	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	67372	20.12	ug/l	100
36) 1,1-Dichloropropene	5.81	75	56100	19.18	ug/l	99
37) Ethyl Acetate	4.87	43	62850	21.28	ug/l	99
38) Carbon Tetrachloride	5.79	117	59907	19.55	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65674	18.99	ug/l	99
40) Benzene	6.15	78	166217	19.76	ug/l	100
41) Methacrylonitrile	5.08	41	36212	21.06	ug/l	98
42) 1,2-Dichloroethane	6.21	62	64588	19.83	ug/l	98
43) Isopropyl Acetate	6.48	43	100280	20.98	ug/l	99
44) Trichloroethene	7.22	130	51117	19.85	ug/l	98
45) 1,2-Dichloropropane	7.52	63	42561	19.70	ug/l	99
46) Dibromomethane	7.67	93	29730	19.63	ug/l	99
47) Bromodichloromethane	7.91	83	53459	19.74	ug/l	97
48) Methyl methacrylate	7.79	41	51714	20.35	ug/l	98
49) 1,4-Dioxane	7.76	88	23859	497.49	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	340203	110.38	ug/l	100
52) Toluene	8.79	92	108909	19.81	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	62735	19.48	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	57917	19.55	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	45843	20.64	ug/l	99
56) Ethyl methacrylate	9.19	69	63796	20.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	73158	20.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	156886	105.65	ug/l	100
59) 2-Hexanone	9.51	43	265846	110.36	ug/l	100
60) Dibromochloromethane	9.59	129	45079	19.45	ug/l	99
61) 1,2-Dibromoethane	9.68	107	48513	20.61	ug/l	99
64) Tetrachloroethene	9.34	164	59288	20.78	ug/l	98
65) Chlorobenzene	10.14	112	128285	19.59	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	46402	20.41	ug/l	99
67) Ethyl Benzene	10.26	91	210107	19.47	ug/l	100
68) m/p-Xylenes	10.37	106	168274	39.62	ug/l	98
69) o-Xylene	10.70	106	80053	19.44	ug/l	99
70) Styrene	10.72	104	131655	19.54	ug/l	98
71) Bromoform	10.87	173	36096	19.07	ug/l #	100
73) Isopropylbenzene	11.02	105	216504	20.04	ug/l	100
74) N-amyl acetate	6.48	43	100280	21.64	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67996	21.01	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	63344m	21.21	ug/l	
77) Bromobenzene	11.26	156	62774	20.14	ug/l	100
78) n-propylbenzene	11.37	91	241747	20.13	ug/l	100
79) 2-Chlorotoluene	11.43	91	146192	20.18	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	183928	20.27	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	14512	18.74	ug/l	91
82) 4-Chlorotoluene	11.52	91	172749	19.82	ug/l	100
83) tert-Butylbenzene	11.77	119	185115	20.46	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	191978	20.65	ug/l	100
85) sec-Butylbenzene	11.95	105	221832	20.49	ug/l	100
86) p-Isopropyltoluene	12.07	119	202448	20.39	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	113982	19.59	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	115103	19.19	ug/l	99
89) n-Butylbenzene	12.39	91	168843	19.48	ug/l	100
90) Hexachloroethane	12.60	117	27751	19.30	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	114556	19.78	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14366	21.96	ug/l	99

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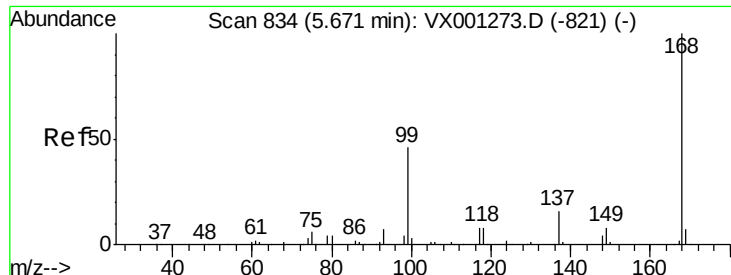
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87848	18.86	ug/l	99
94) Hexachlorobutadiene	13.79	225	47478	19.48	ug/l	99
95) Naphthalene	13.84	128	249676	21.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	90121	19.71	ug/l	99

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



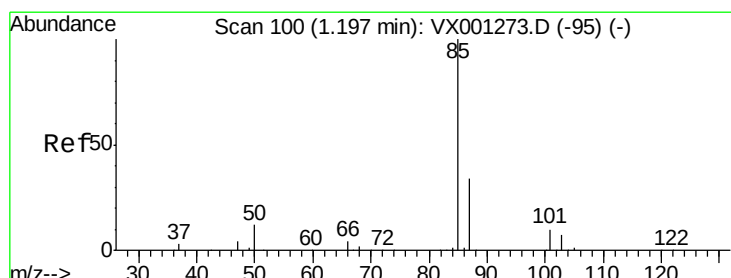
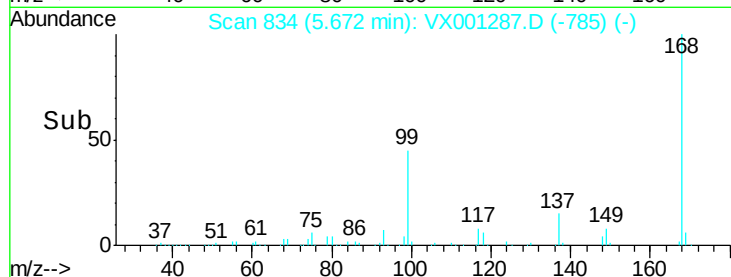
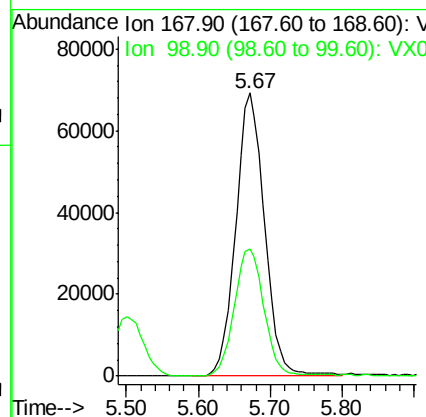
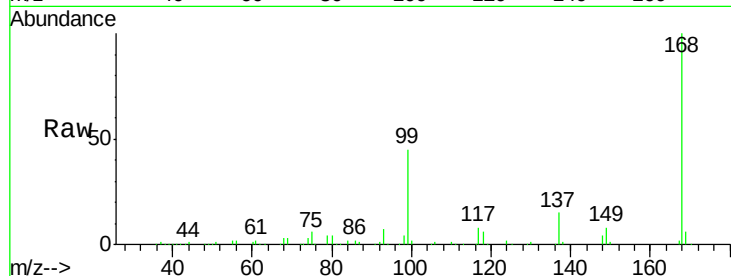
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
168	100	192544		
99	45.0	36.5	54.7	

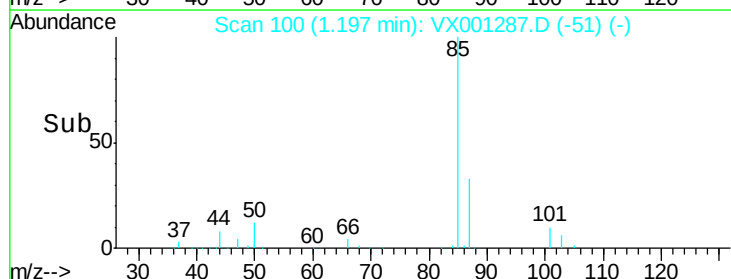
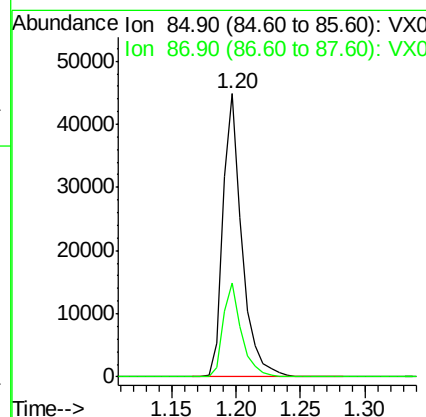
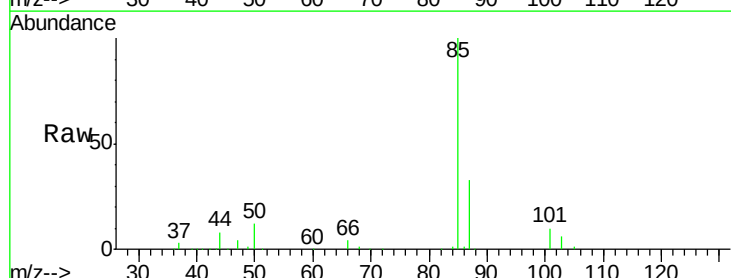
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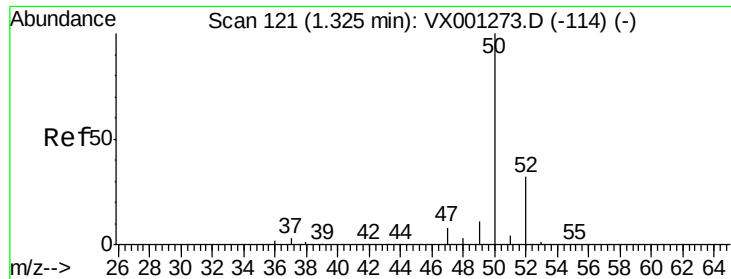
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#2
Dichlorodifluoromethane
Concen: 21.88 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	46595		
87	33.3	16.8	50.4	





#3

Chloromethane

Concen: 20.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

Tot Ion: 50 Resp: 42341

Ion Ratio Lower Upper

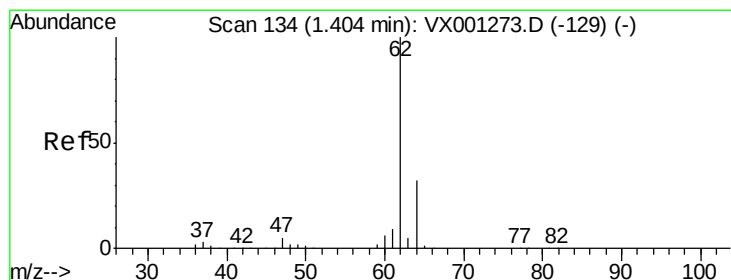
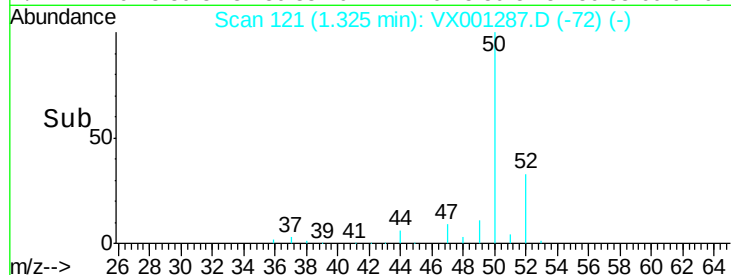
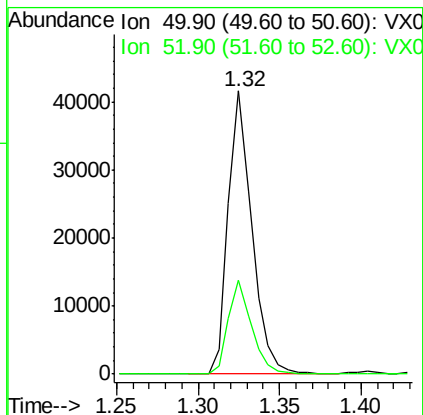
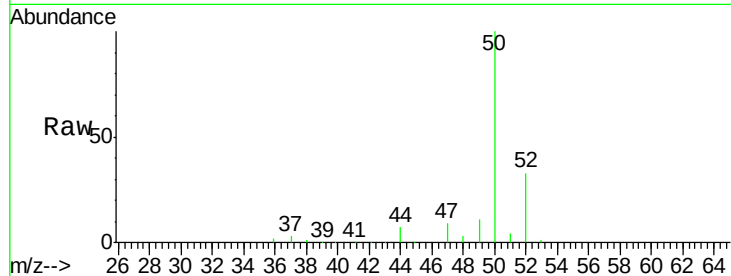
50 100

52 33.3 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.32 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001287.D

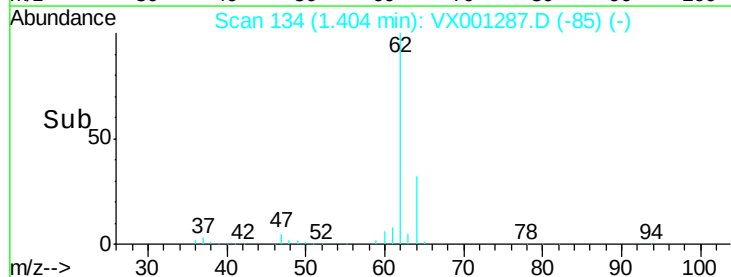
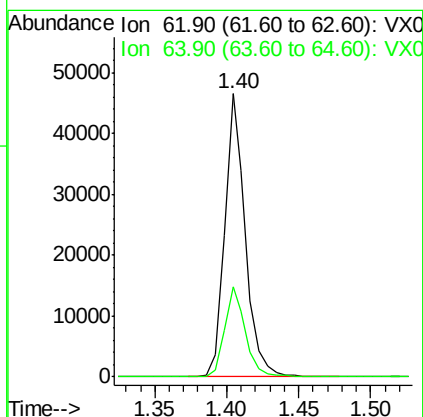
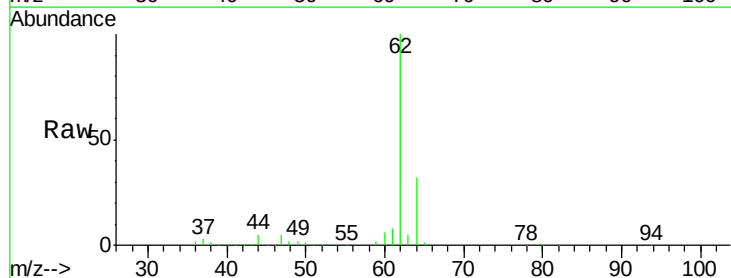
Acq: 01 May 2018 20:19

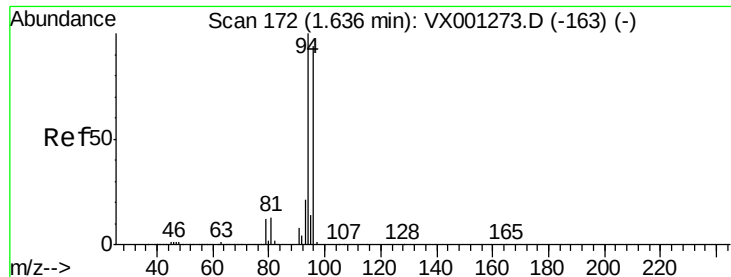
Tgt Ion: 62 Resp: 46928

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 22.15 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

Tot Ion: 94 Resp: 37818

Ion Ratio Lower Upper

94 100

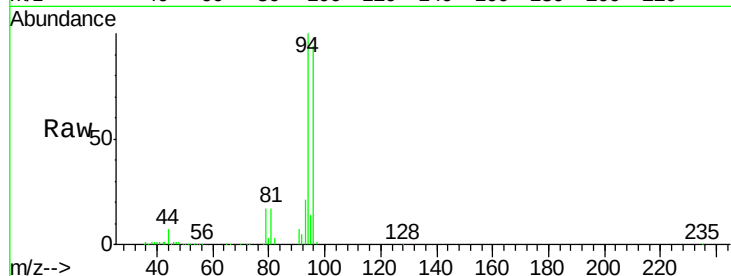
96 94.0 75.6 113.4

Manual Integrations

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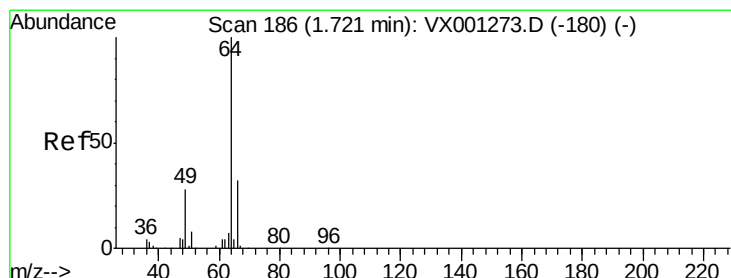
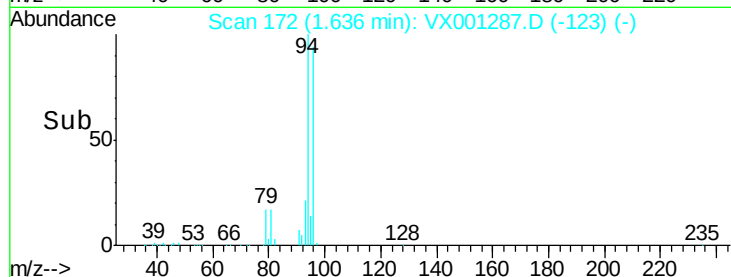
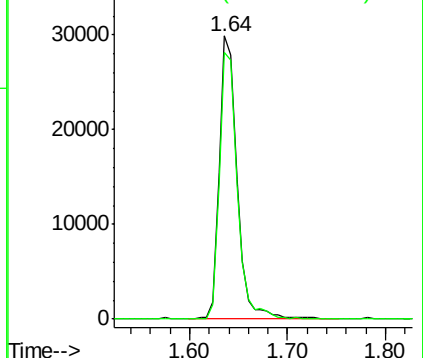
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.35 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001287.D

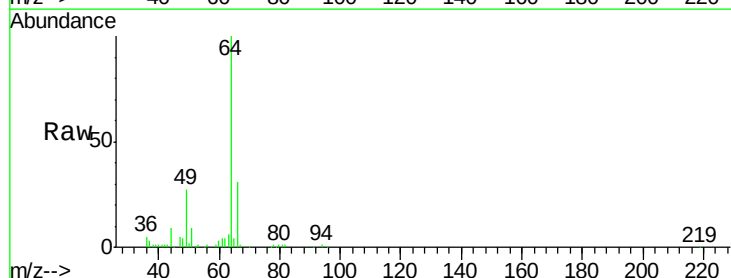
Acq: 01 May 2018 20:19

Tgt Ion: 64 Resp: 29712

Ion Ratio Lower Upper

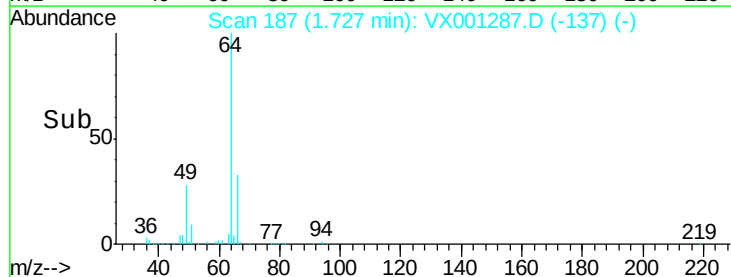
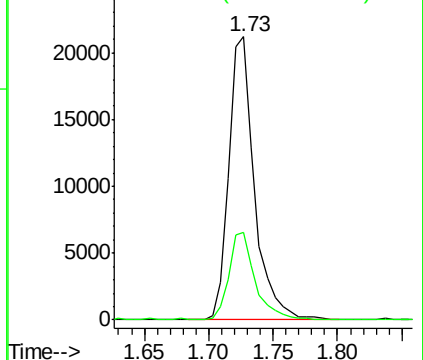
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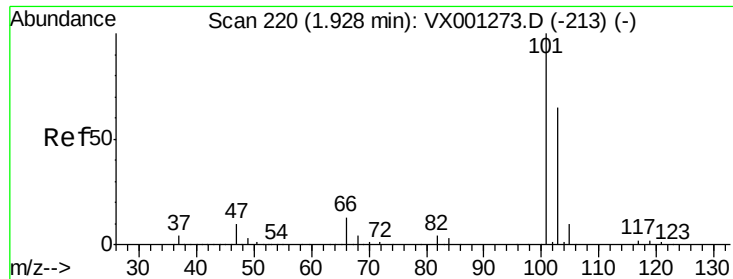
66 30.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 21.57 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

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ClientSampleId :

VX0501WBSD02

Tot Ion:101 Resp: 80150

Ion Ratio Lower Upper

101 100

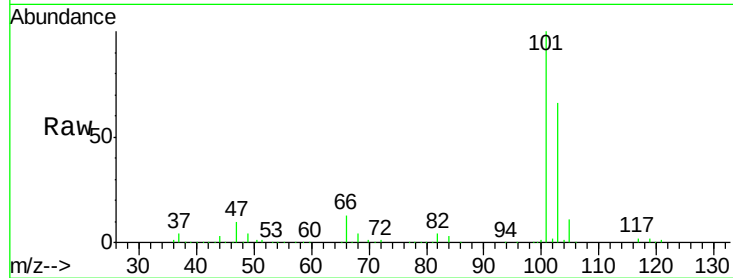
103 65.6 51.8 77.8

Manual Integrations

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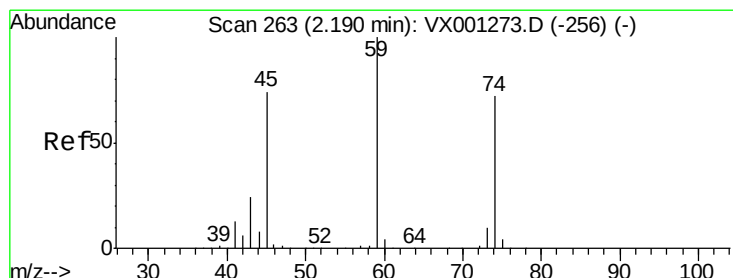
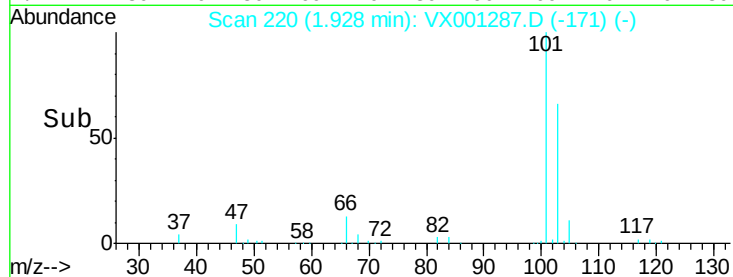
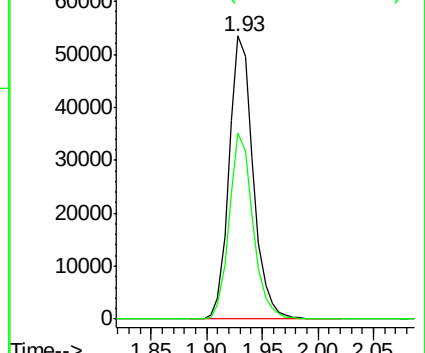
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.29 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001287.D

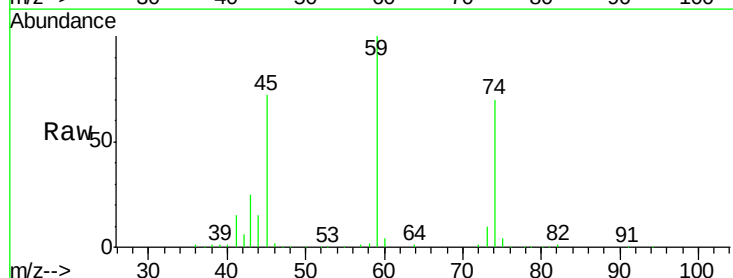
Acq: 01 May 2018 20:19

Tgt Ion: 74 Resp: 27153

Ion Ratio Lower Upper

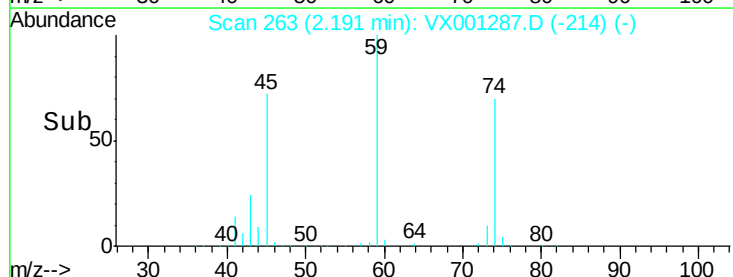
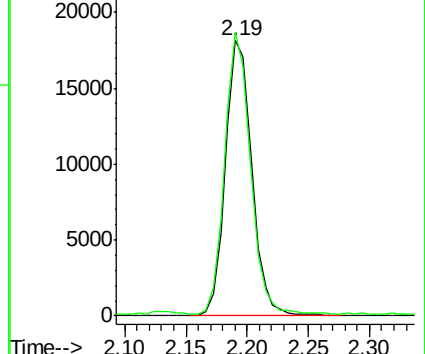
74 100

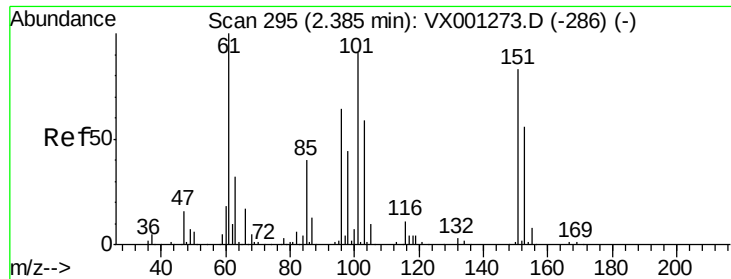
45 99.5 49.3 147.9



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: 21.22 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

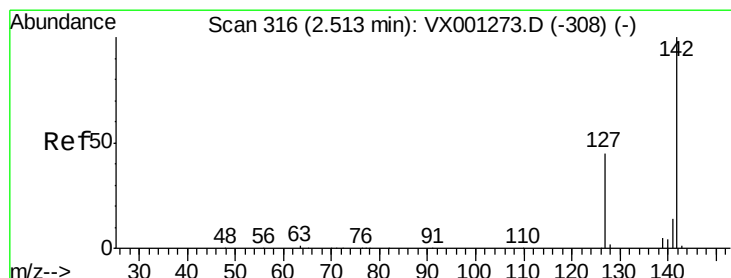
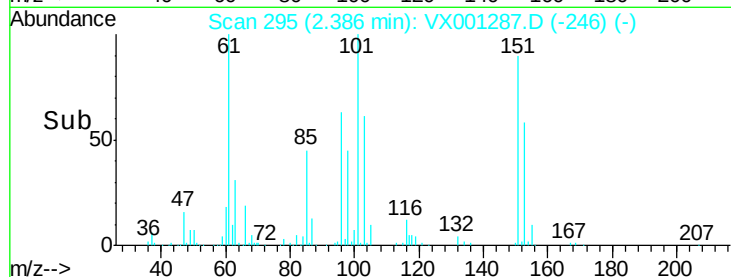
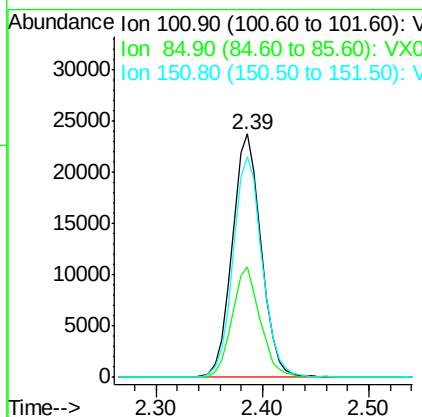
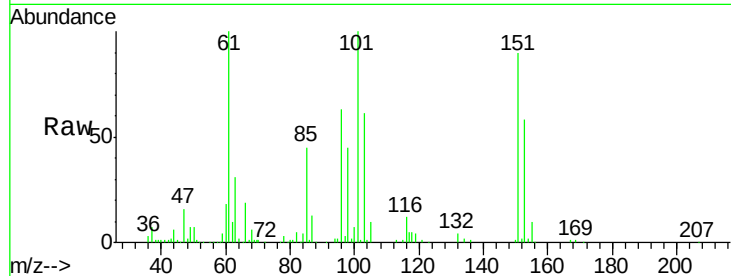
ClientSampleId :

VX0501WBSD02

Tot Ion:	101	Resp:	45455
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.6	53.4
151	91.0	74.8	112.2

Manual Integrations
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#10

Methyl Iodide

Concen: 19.81 ug/l

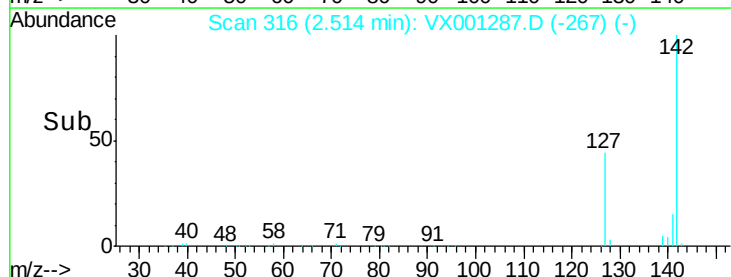
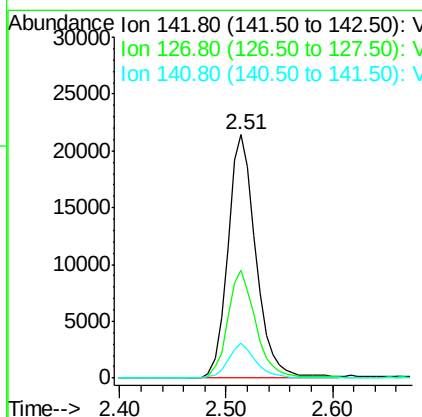
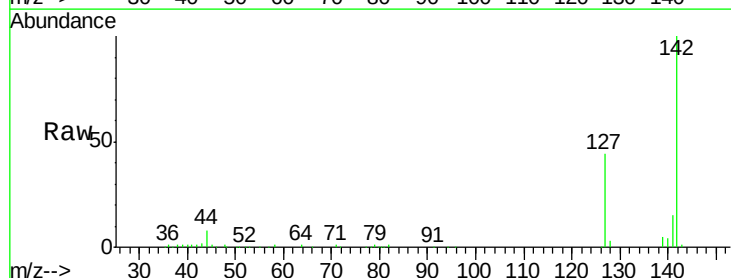
RT: 2.51 min Scan# 316

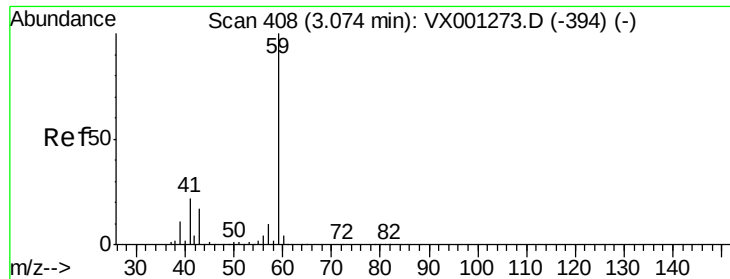
Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion:	142	Resp:	39562
Ion Ratio	Lower	Upper	
142	100		
127	44.3	35.7	53.5
141	13.8	11.4	17.0





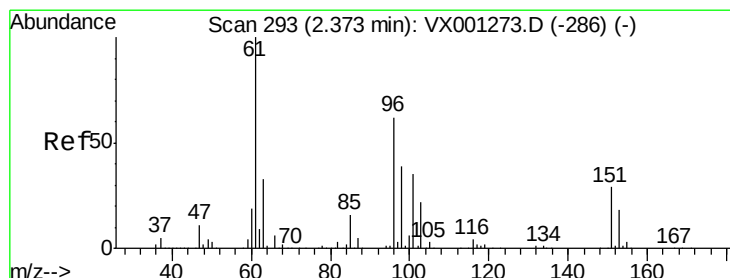
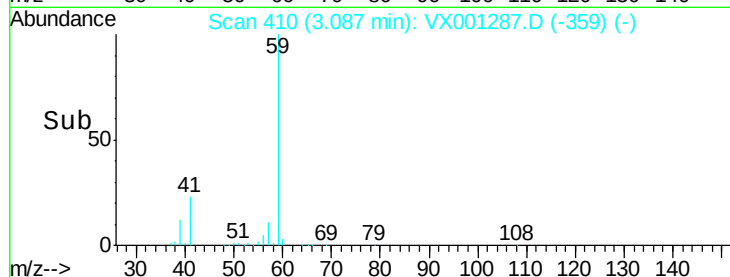
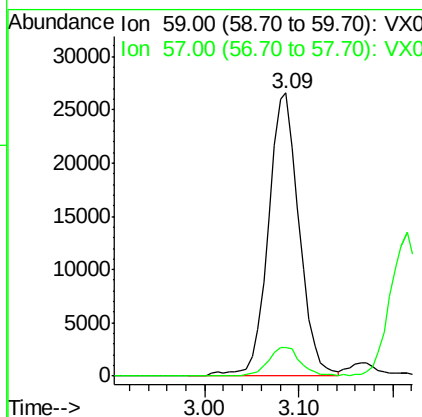
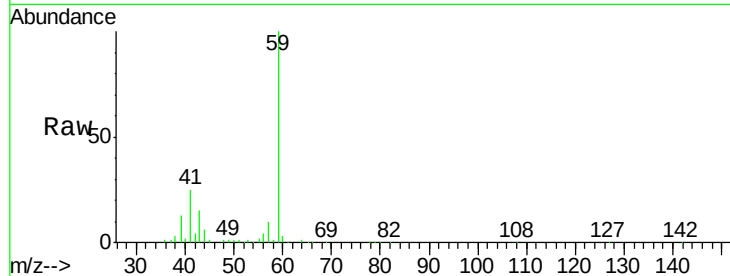
#11
Tert butyl alcohol
Concen: 132.11 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tot Ion	59.00 (58.70 to 59.70): VX0	Resp	60581
Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8

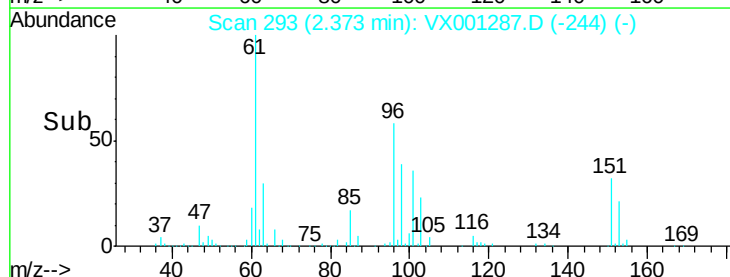
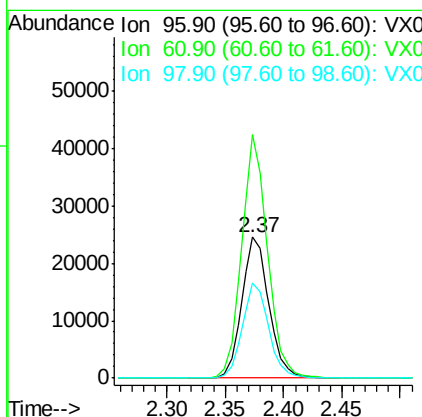
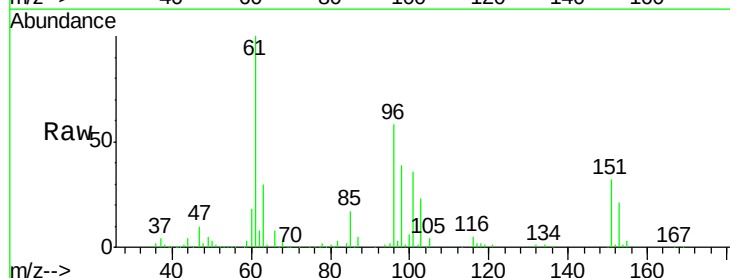
Manual Integrations
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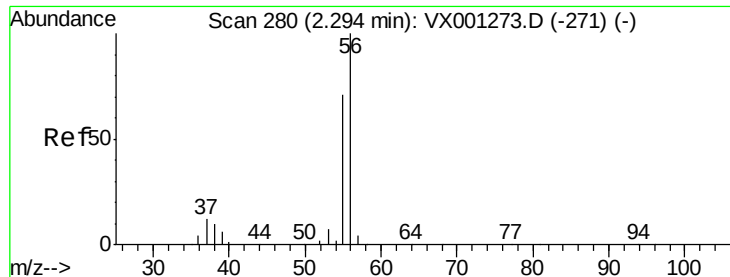
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.65 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion	96	Resp	39886
Ion	Ratio	Lower	Upper
96	100		
61	172.8	130.1	195.1
98	67.8	50.3	75.5





#13

Acrolein

Concen: 90.88 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

Tot Ion: 56 Resp: 23994

Ion Ratio Lower Upper

56 100

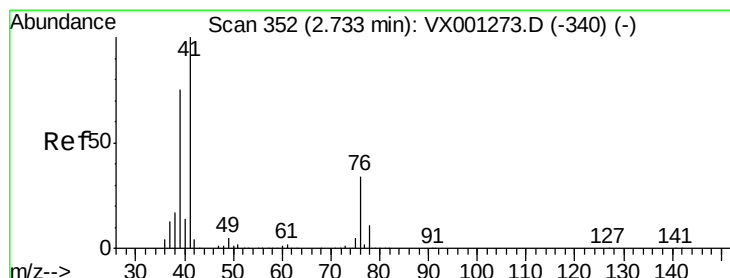
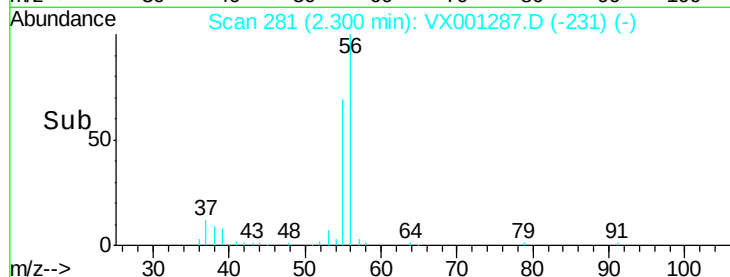
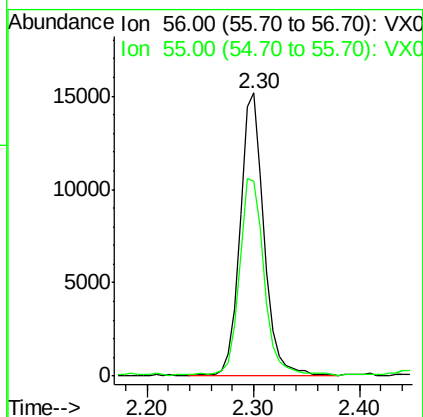
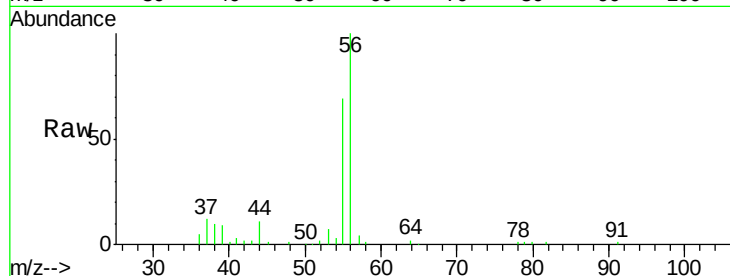
55 70.8 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 21.77 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

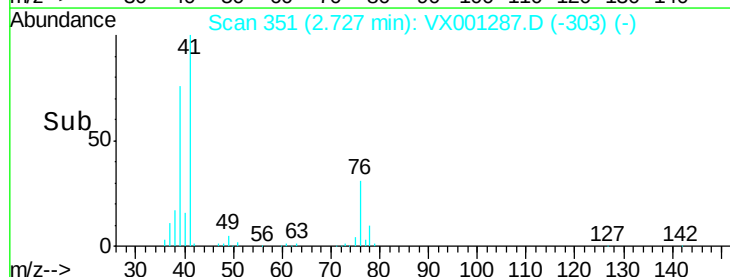
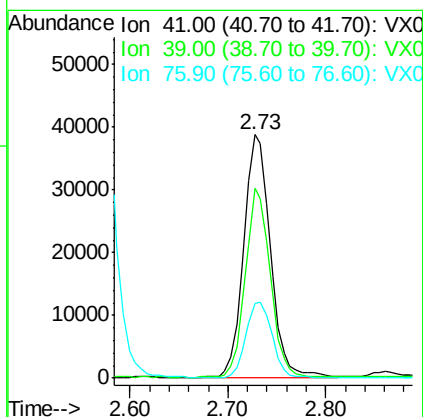
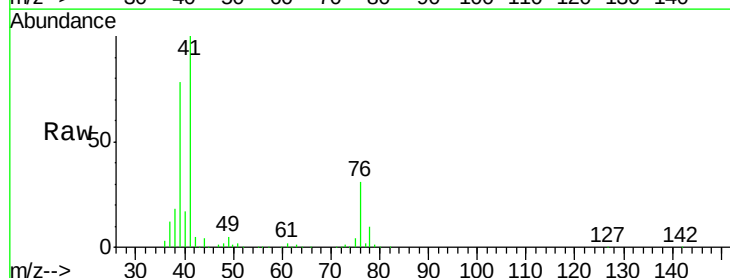
Tgt Ion: 41 Resp: 73555

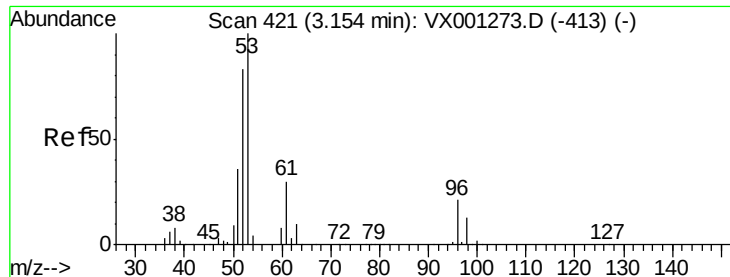
Ion Ratio Lower Upper

41 100

39 72.0 58.1 87.1

76 31.2 25.1 37.7





#15

Acrylonitrile

Concen: 115.40 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

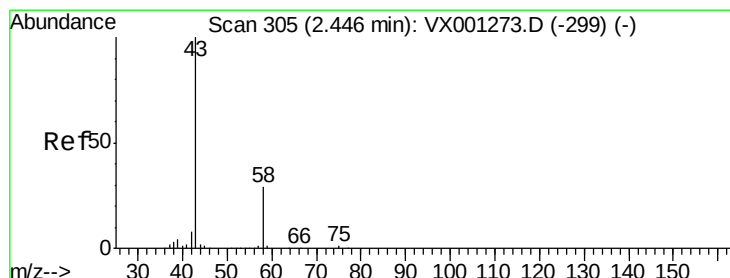
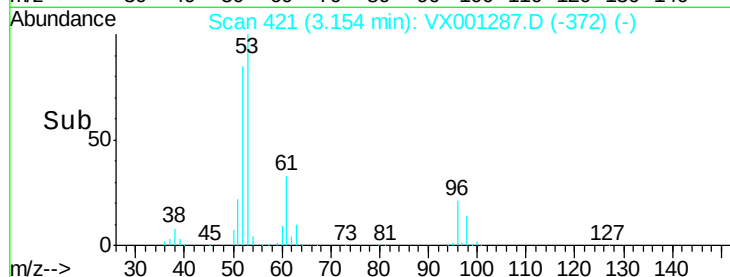
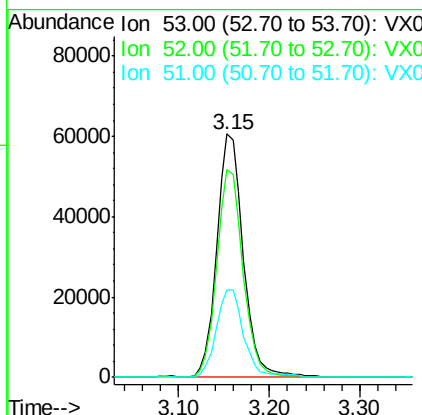
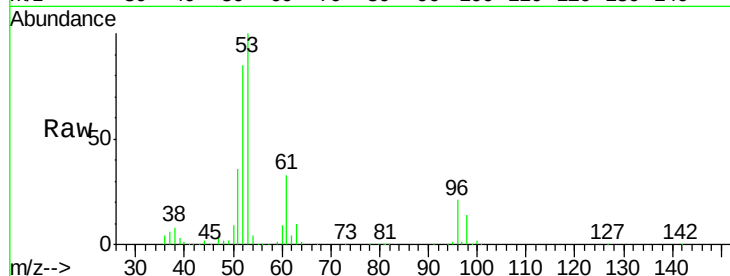
ClientSampleId :

VX0501WBSD02

Tot Ion:	53	Resp:	122649
Ion Ratio		Lower	Upper
53	100		
52	85.1	67.0	100.4
51	37.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 116.58 ug/l

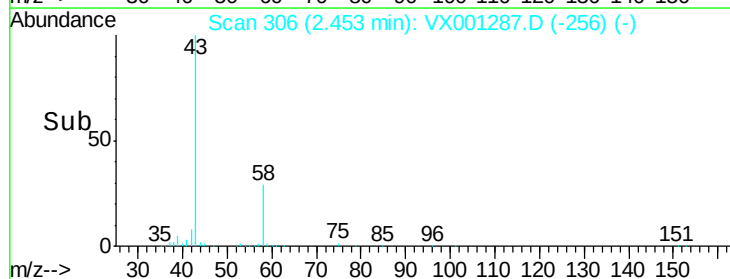
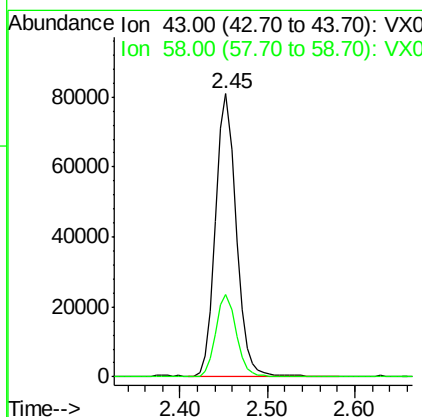
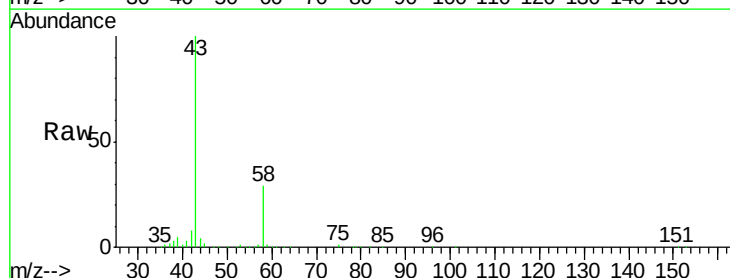
RT: 2.45 min Scan# 306

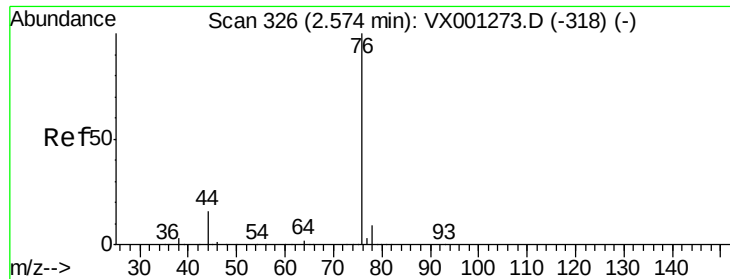
Delta R.T. 0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion:	43	Resp:	132635
Ion Ratio		Lower	Upper
43	100		
58	29.0	22.8	34.2





#17

Carbon Disulfide

Concen: 19.23 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

Tot Ion: 76 Resp: 96746

Ion Ratio Lower Upper

76 100

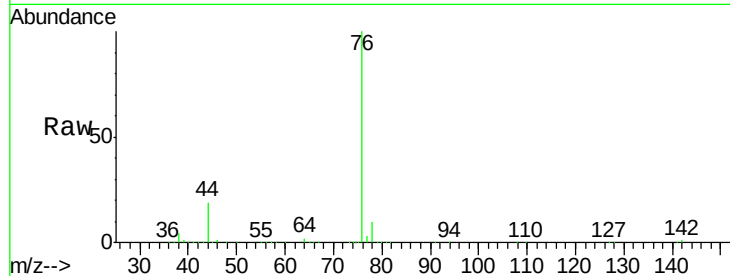
78 9.4 7.0 10.4

Manual Integrations

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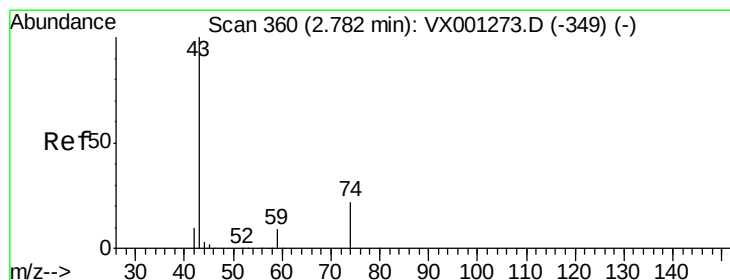
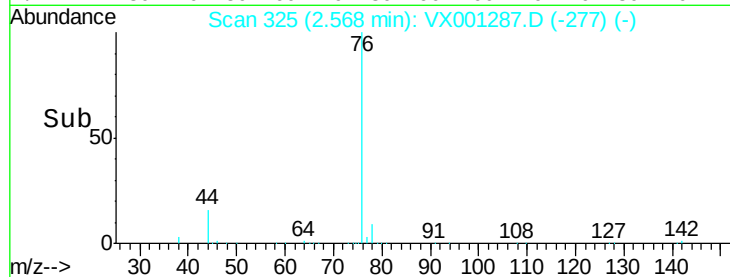
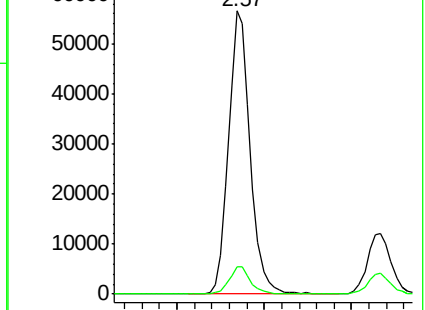
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.04 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001287.D

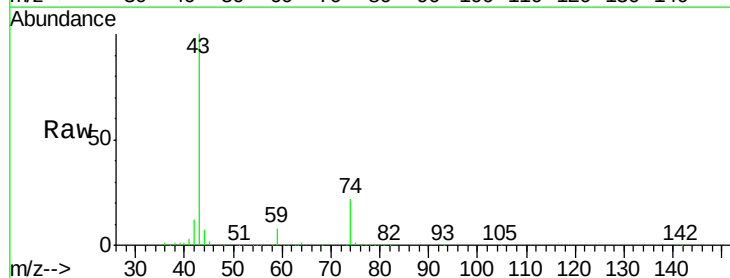
Acq: 01 May 2018 20:19

Tgt Ion: 43 Resp: 64591

Ion Ratio Lower Upper

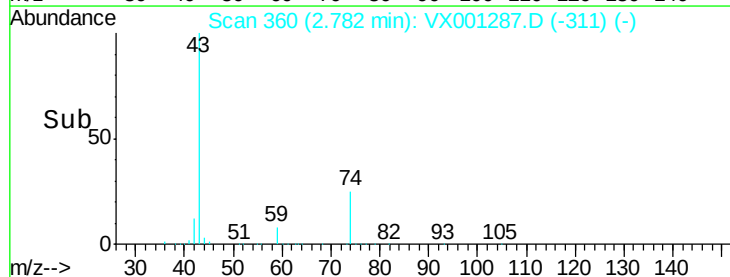
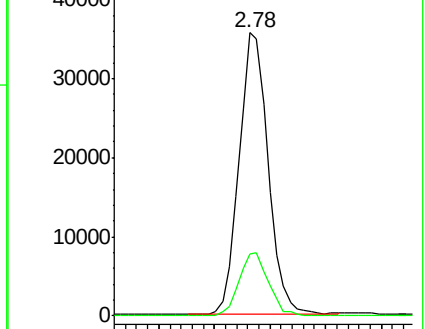
43 100

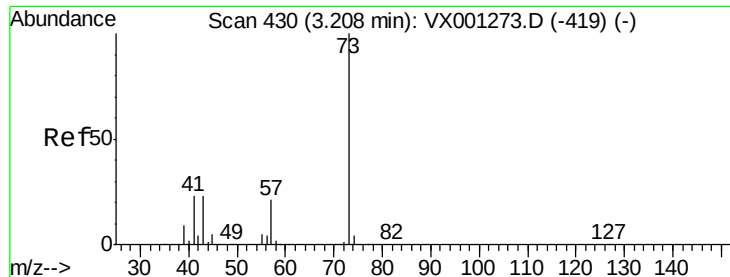
74 22.1 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





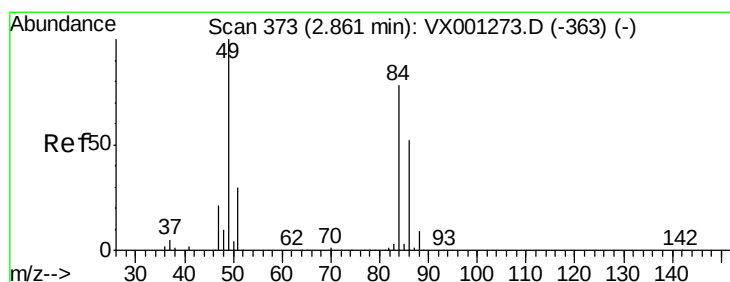
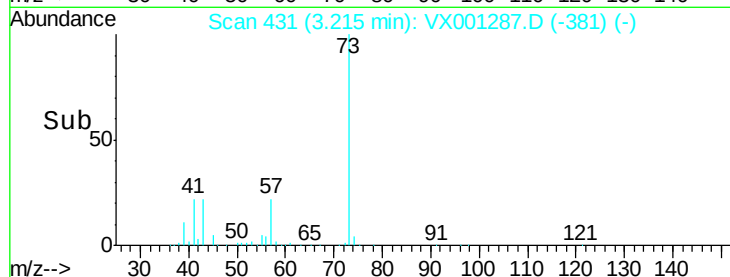
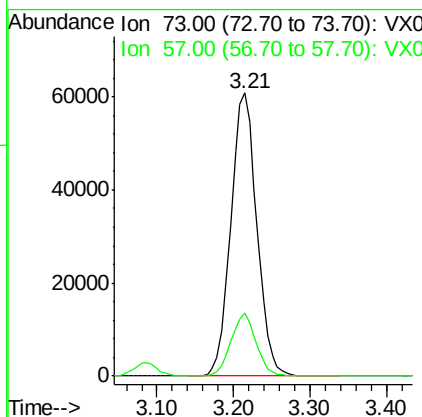
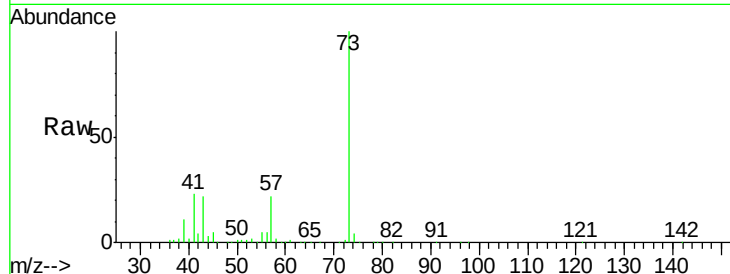
#19
Methyl tert-butyl Ether
Concen: 21.76 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	16.8	25.2

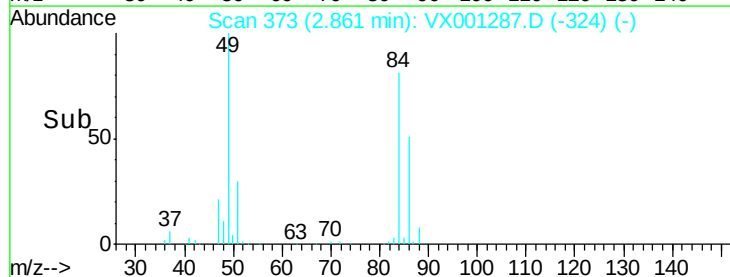
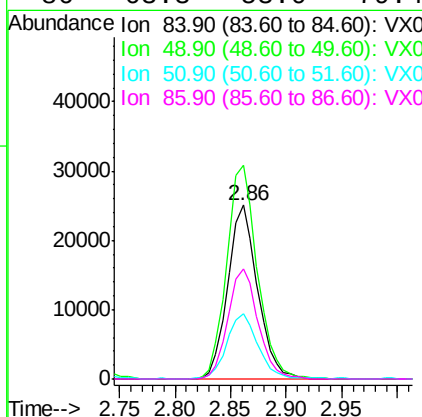
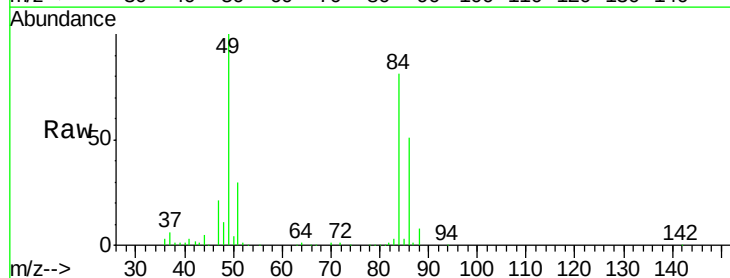
Manual Integrations
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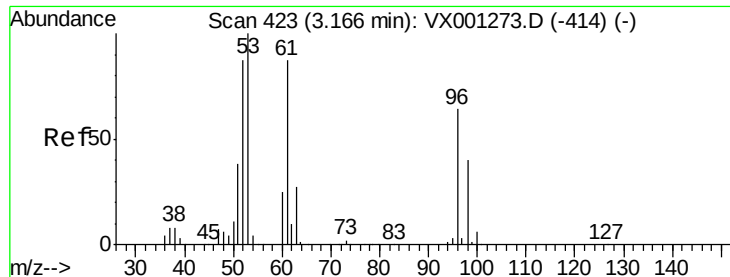
MMDadoda
5/2/2018 4:20:57 PM



#20
Methylene Chloride
Concen: 21.72 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	102.8	154.2
51	36.9	30.9	46.3
86	63.3	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 20.72 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

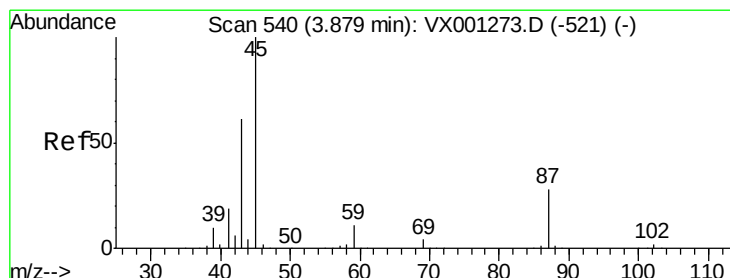
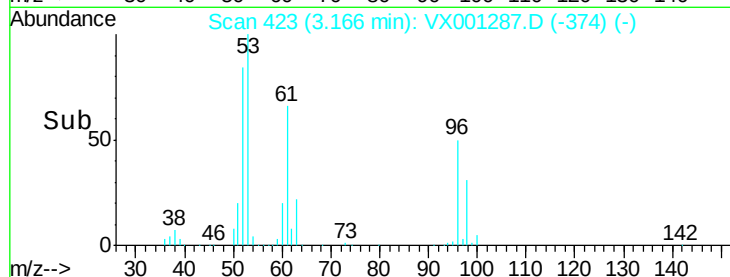
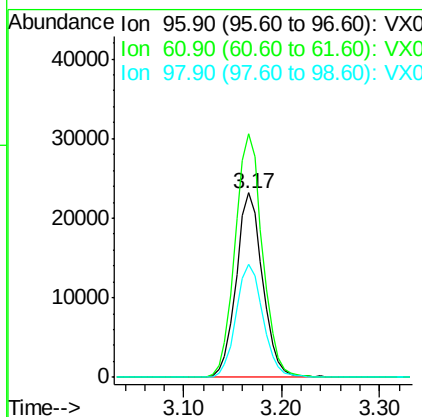
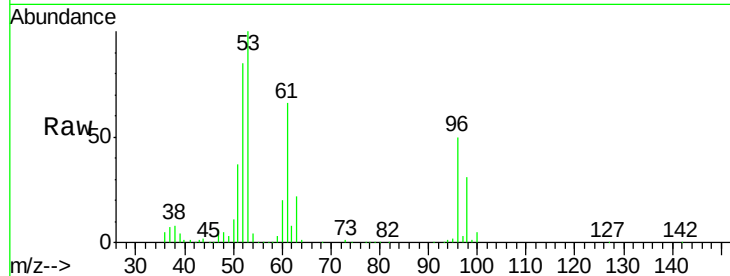
ClientSampleId :

VX0501WBSD02

Tot Ion:	96	Resp:	43561
Ion	Ratio	Lower	Upper
96	100		
61	132.1	108.6	162.8
98	61.7	49.7	74.5

Manual Integrations
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5/2/2018 4:20:57 PM



#22

Diisopropyl ether

Concen: 19.91 ug/l

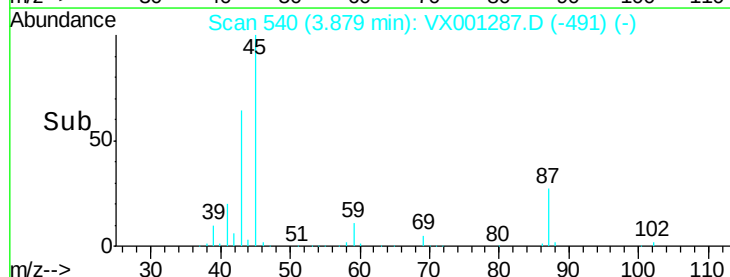
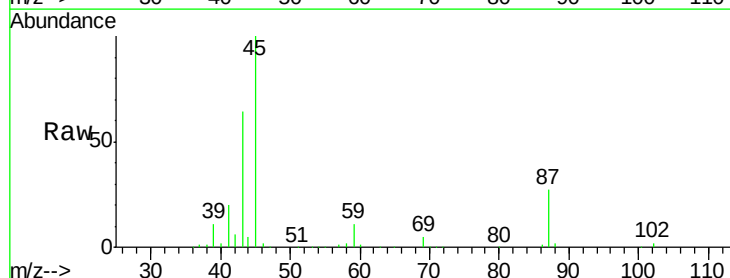
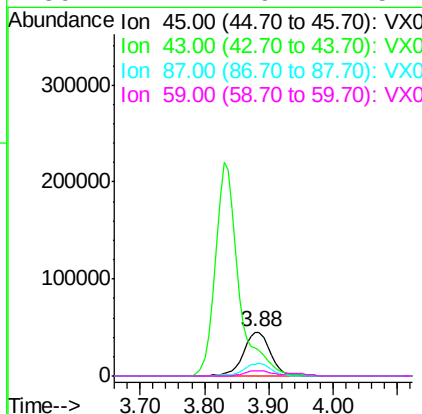
RT: 3.88 min Scan# 540

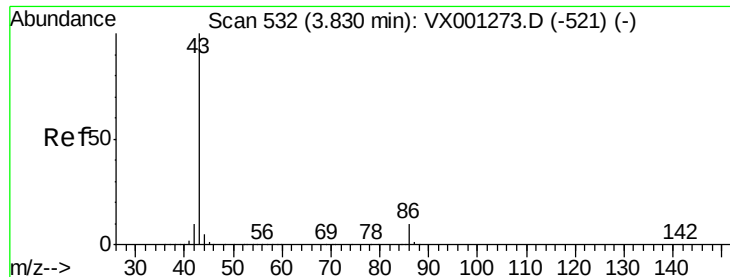
Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion:	45	Resp:	129587
Ion	Ratio	Lower	Upper
45	100		
43	63.5	48.7	73.1
87	27.2	22.2	33.4
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 101.95 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

Tot Ion: 43 Resp: 562266

Ion Ratio Lower Upper

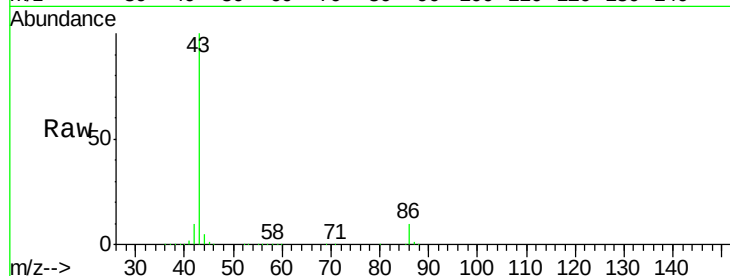
43 100

86 9.9 8.2 12.4

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

250000

200000

150000

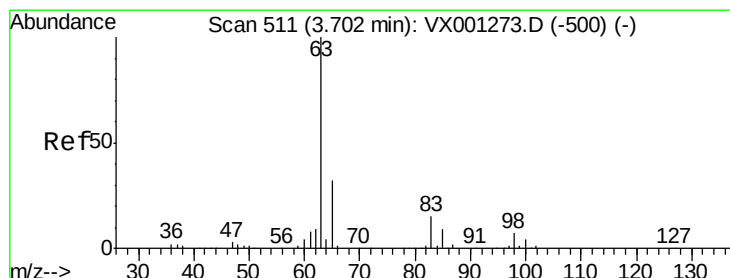
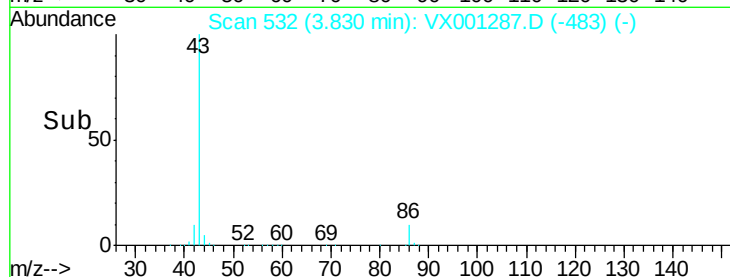
100000

50000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 21.98 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

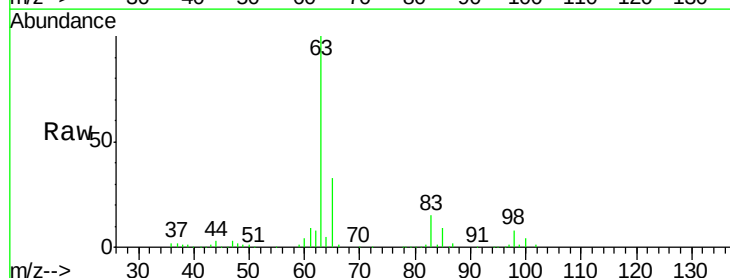
Tgt Ion: 63 Resp: 79678

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 3.9 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

40000

30000

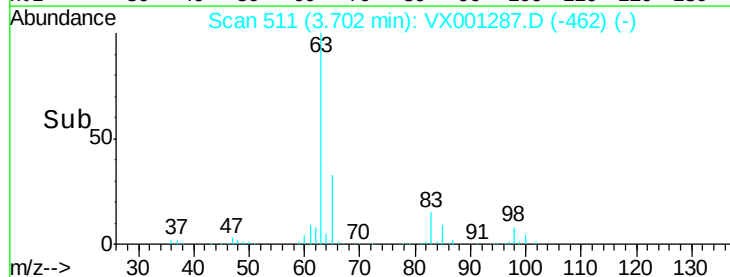
20000

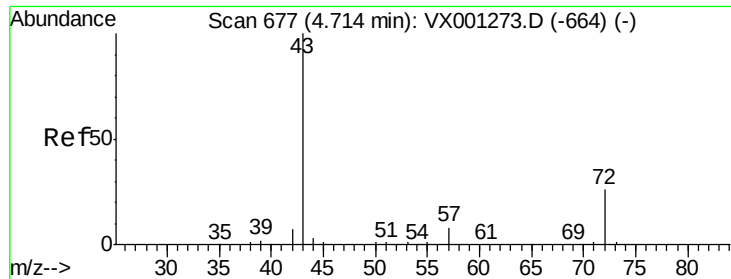
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 112.32 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampled :

VX0501WBSD02

Tot Ion: 43 Resp: 172780

Ion Ratio Lower Upper

43 100

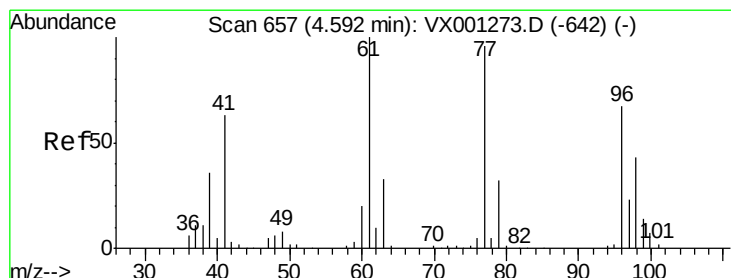
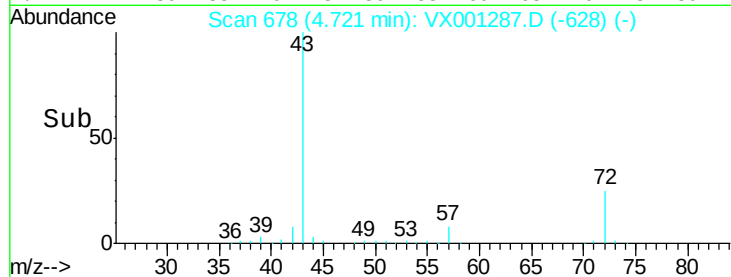
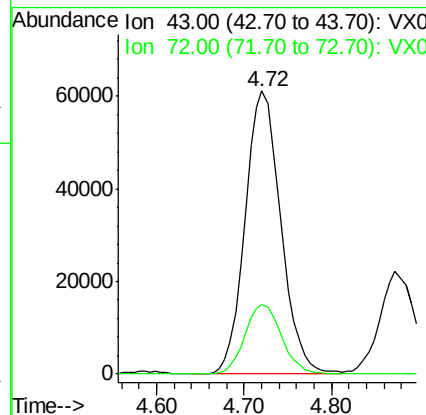
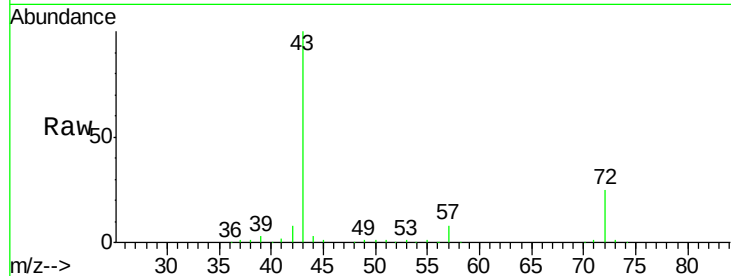
72 24.8 20.5 30.7

Manual Integrations

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MMDadoda

5/2/2018 4:20:57 PM



#26

2,2-Dichloropropane

Concen: 19.34 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001287.D

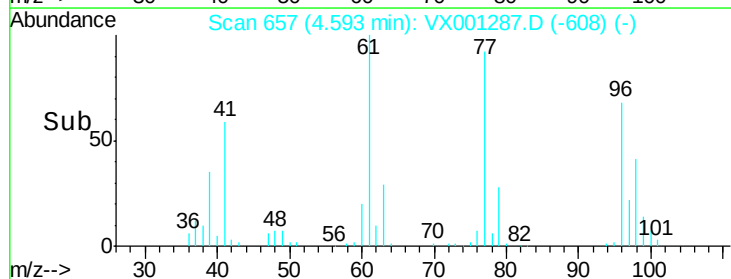
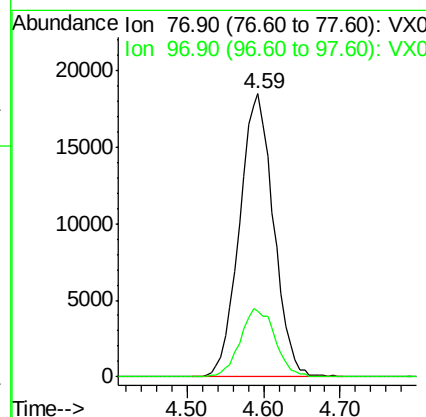
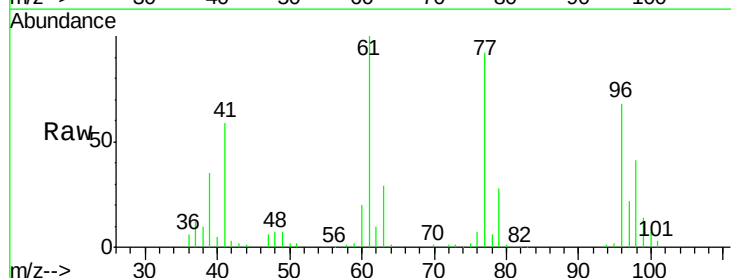
Acq: 01 May 2018 20:19

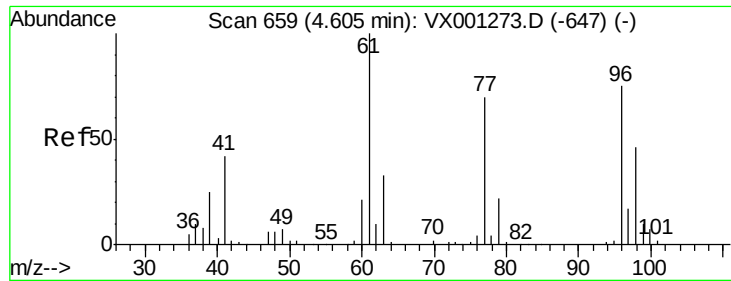
Tgt Ion: 77 Resp: 57053

Ion Ratio Lower Upper

77 100

97 24.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 20.17 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

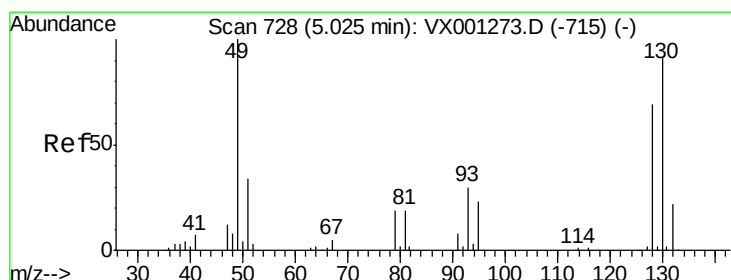
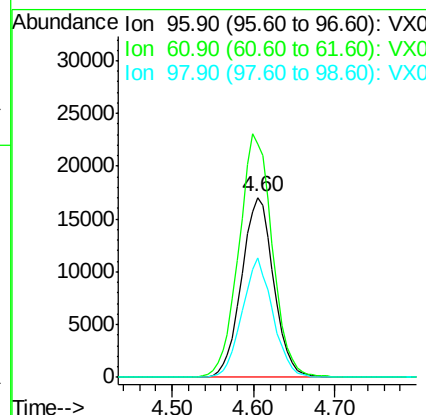
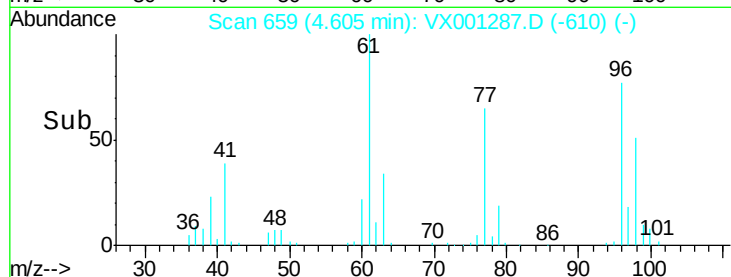
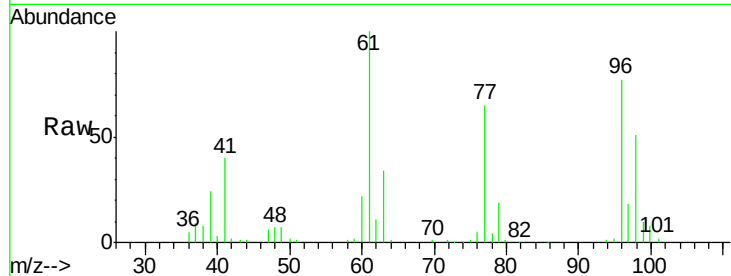
ClientSampleId :

VX0501WBSD02

Tot Ion:	96	Resp:	46592
Ion	Ratio	Lower	Upper
96	100		
61	140.6	0.0	288.0
98	63.2	0.0	130.2

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#28

Bromochloromethane

Concen: 22.74 ug/l

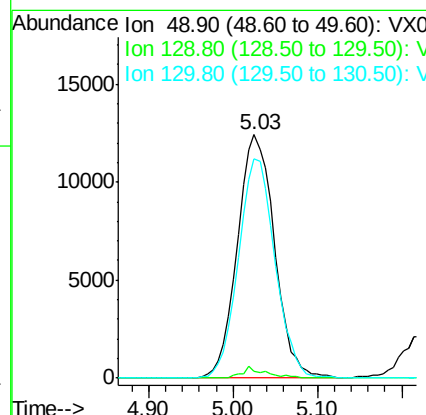
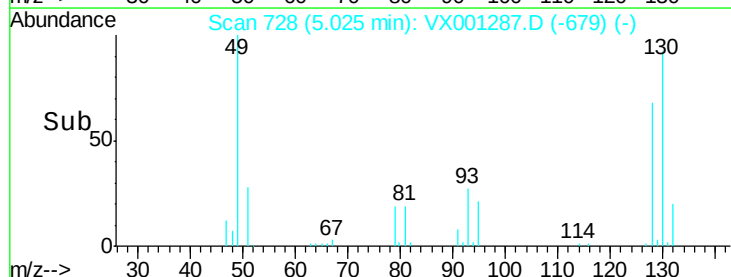
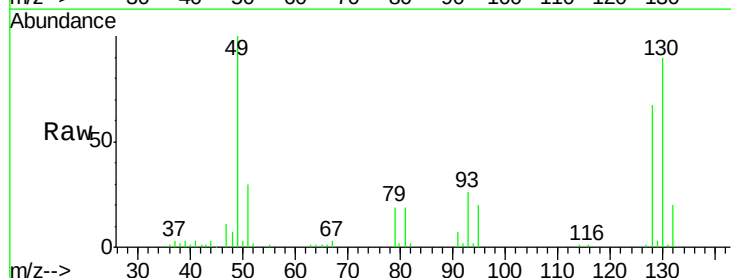
RT: 5.03 min Scan# 728

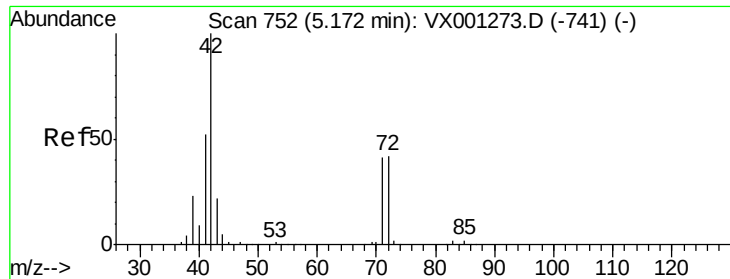
Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion:	49	Resp:	37061
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.8
130	89.1	70.4	105.6





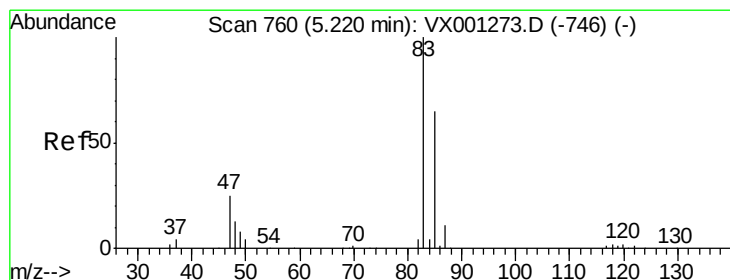
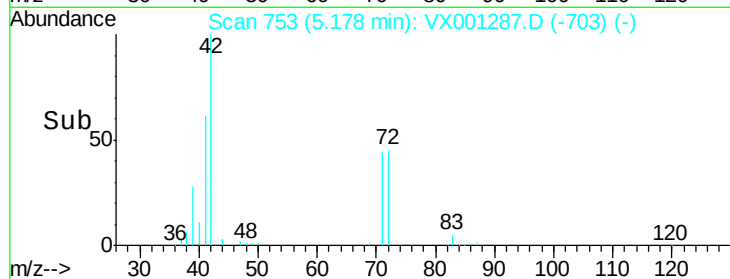
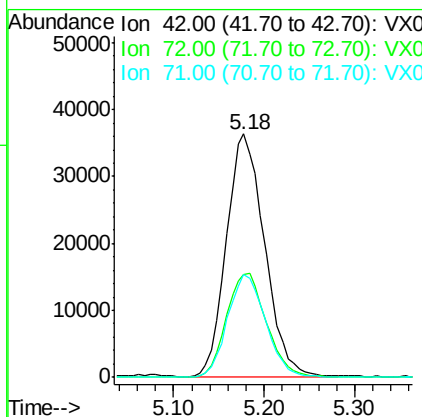
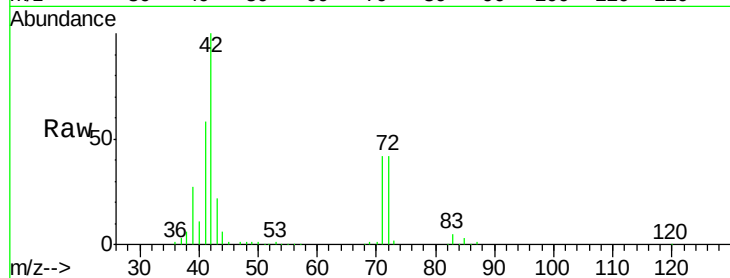
#29
Tetrahydrofuran
Concen: 111.88 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	34.6	52.0
71	42.5	32.7	49.1

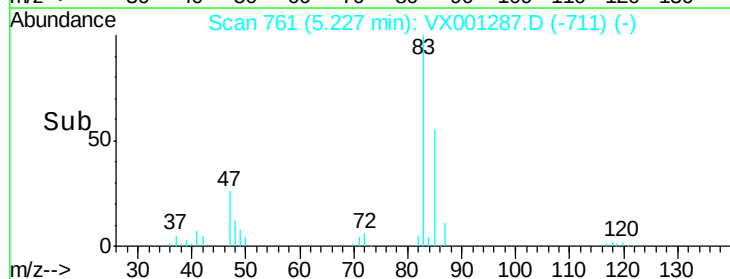
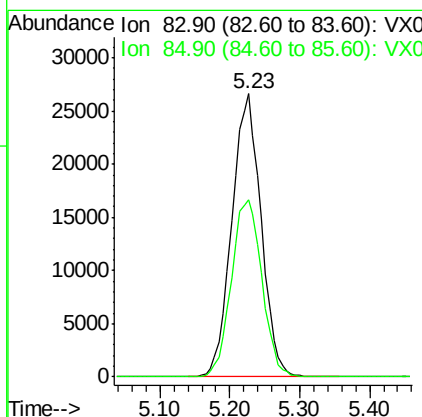
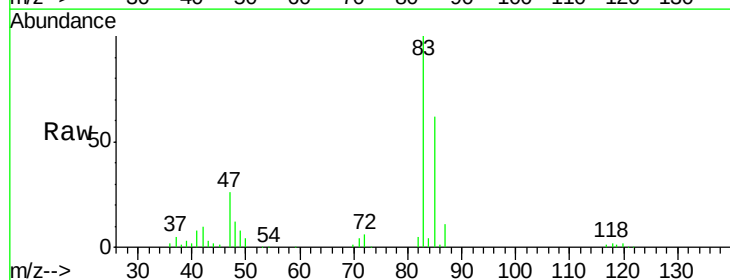
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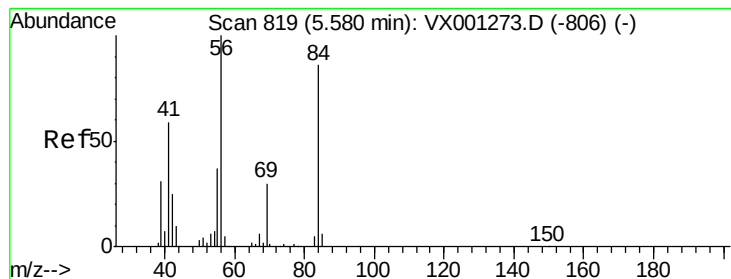
MMDadoda
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#30
Chloroform
Concen: 20.14 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.2	78.2





#31

Cyclohexane

Concen: 19.18 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

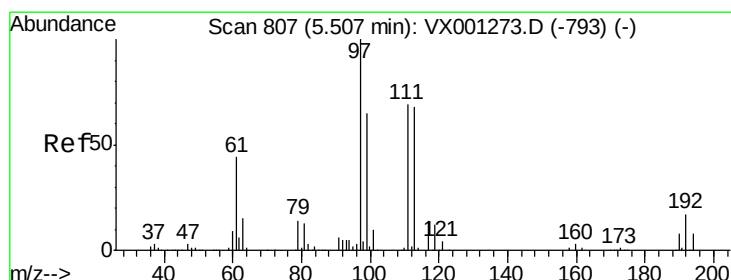
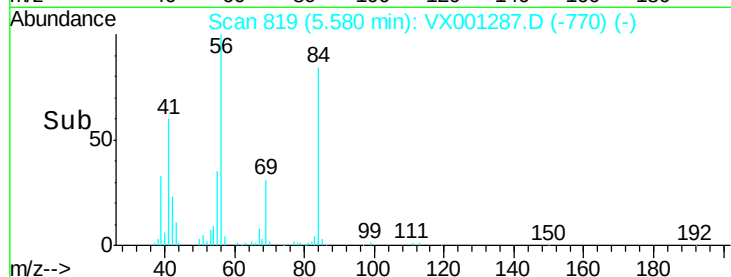
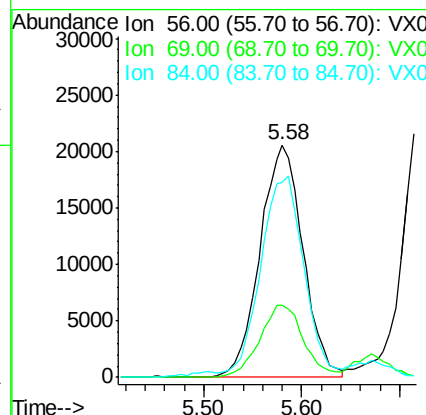
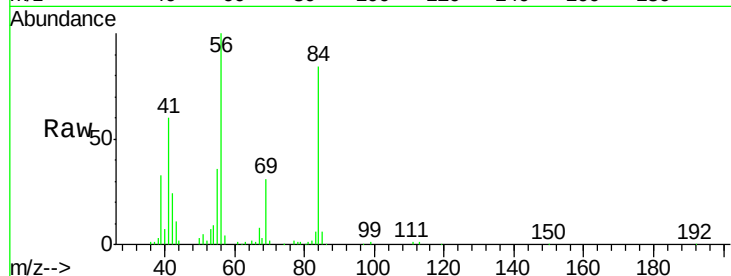
ClientSampleId :

VX0501WBSD02

Tot Ion:	56	Resp:	62789
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.0	36.0
84	82.2	69.0	103.4

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#32

1,1,1-Trichloroethane

Concen: 20.12 ug/l

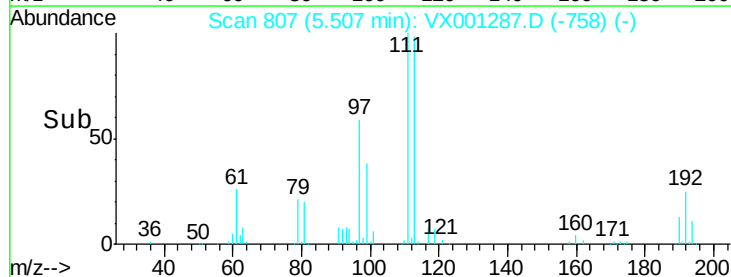
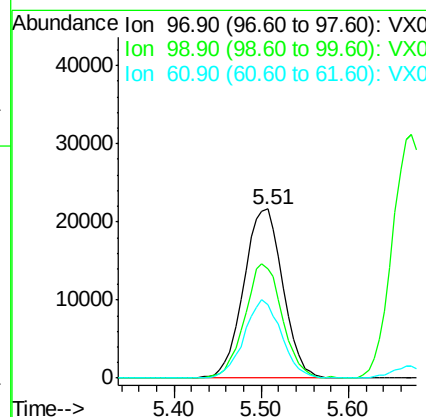
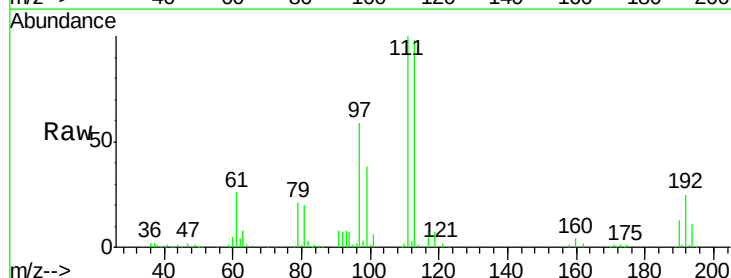
RT: 5.51 min Scan# 807

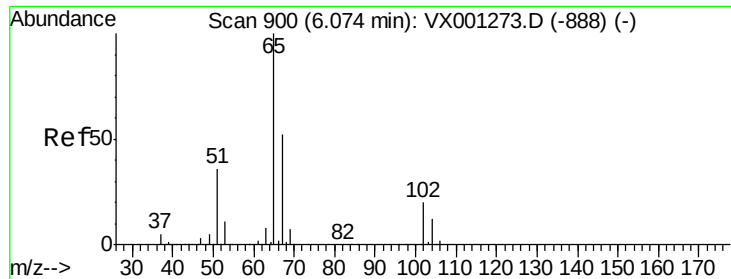
Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion:	97	Resp:	67372
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.6
61	44.3	35.4	53.2





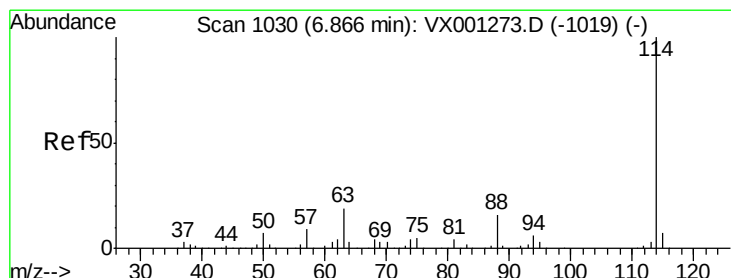
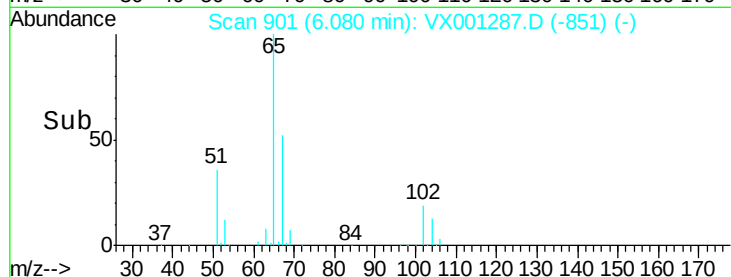
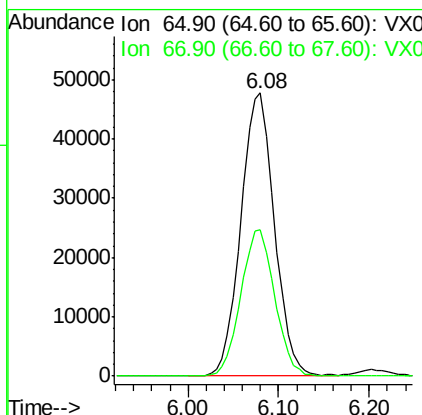
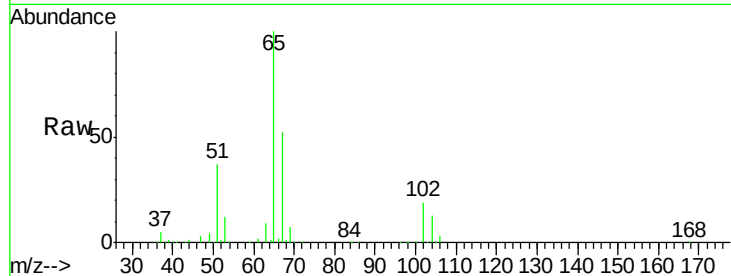
#33
 1,2-Dichloroethane-d4
 Concen: 45.90 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	122332		
67	52.4	0.0	102.8	

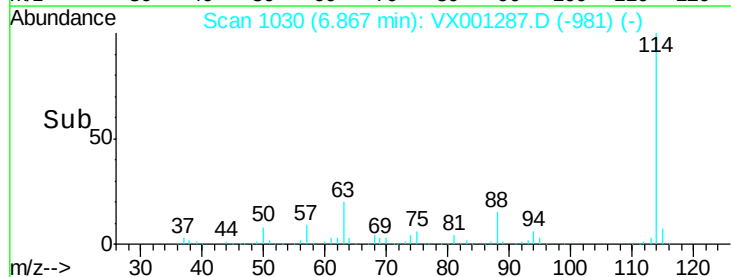
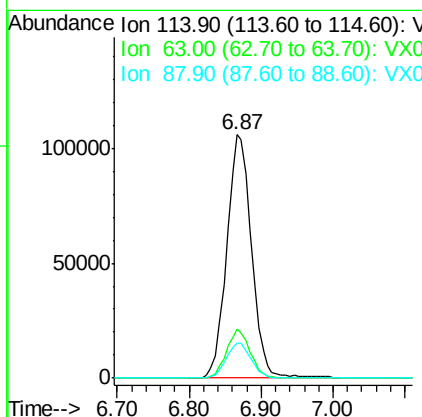
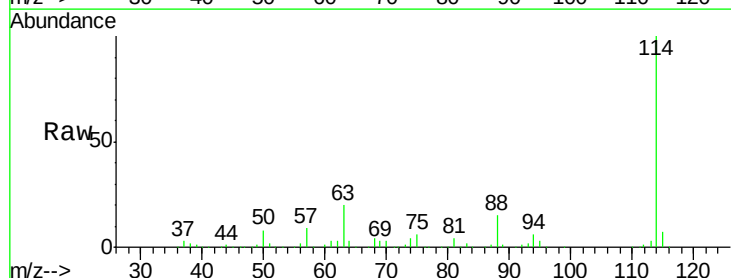
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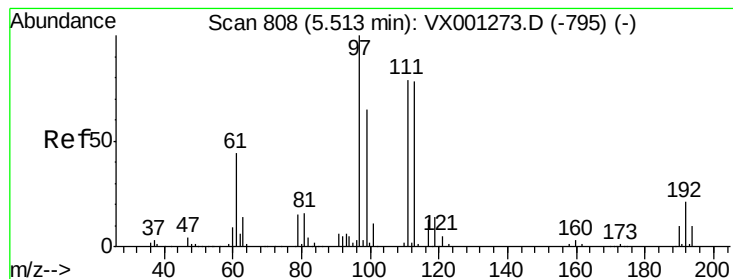
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	253382		
63	20.2	0.0	38.8	
88	14.6	0.0	32.2	





#35

Dibromofluoromethane

Concen: 47.37 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

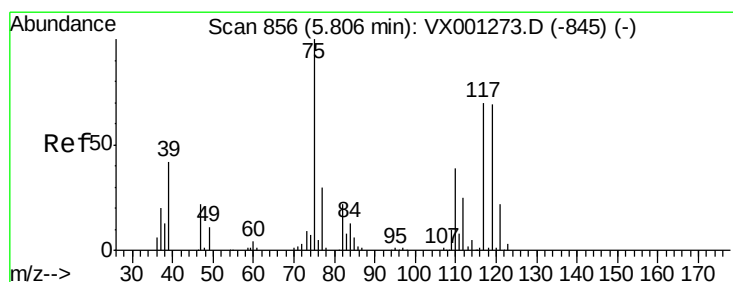
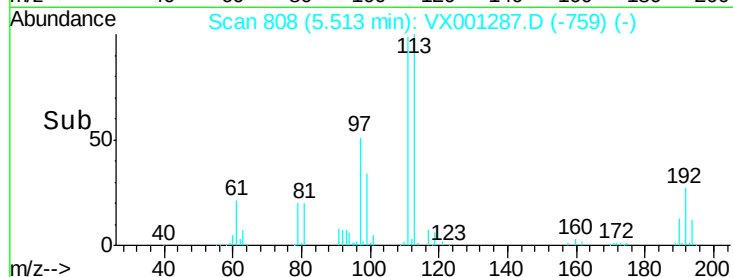
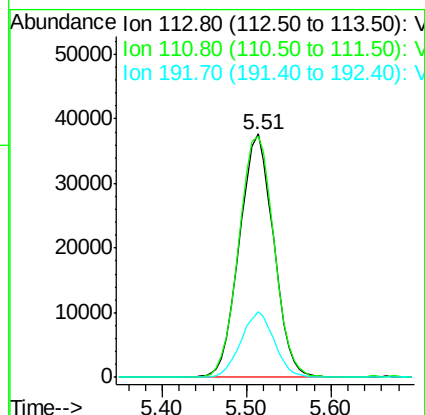
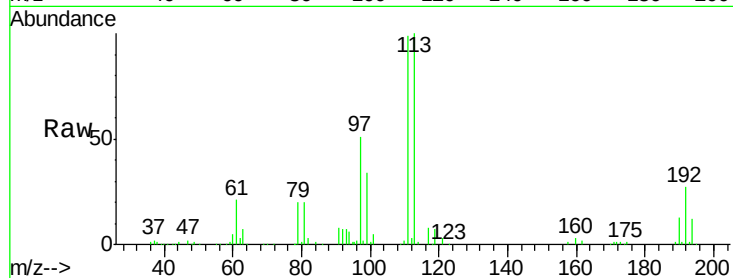
ClientSampleId :

VX0501WBSD02

Tot Ion:	113	Resp:	103407
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.2	121.8
192	26.2	20.7	31.1

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#36

1,1-Dichloropropene

Concen: 19.18 ug/l

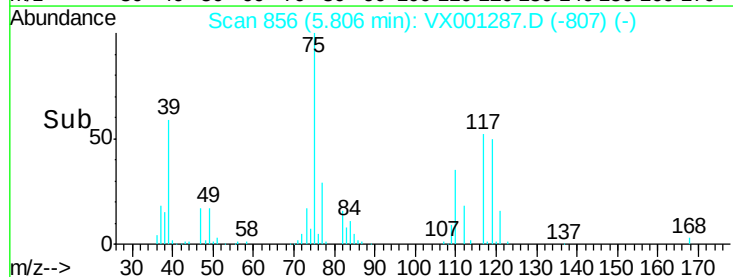
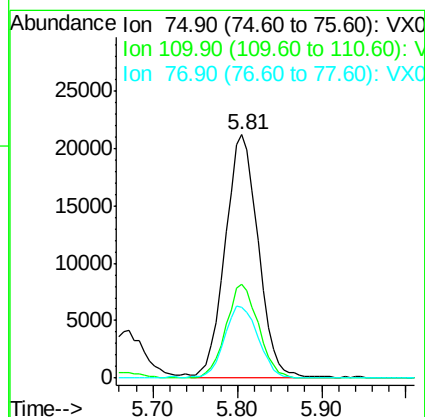
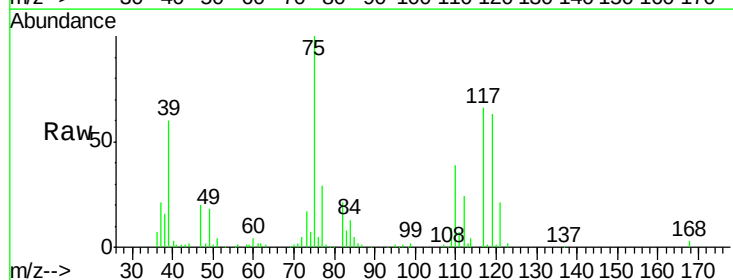
RT: 5.81 min Scan# 856

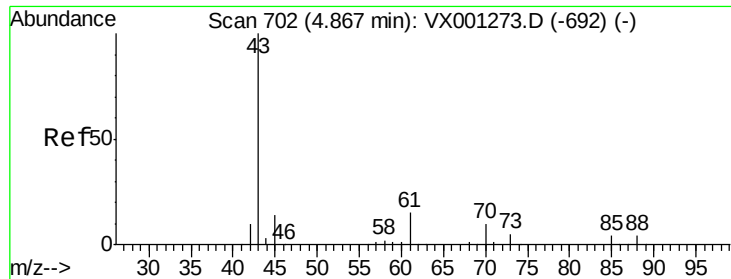
Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion:	75	Resp:	56100
Ion Ratio	Lower	Upper	
75	100		
110	38.4	18.9	56.9
77	30.8	24.2	36.2





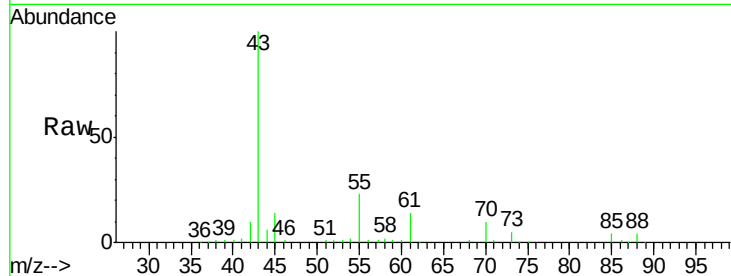
#37
Ethyl Acetate
Concen: 21.28 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

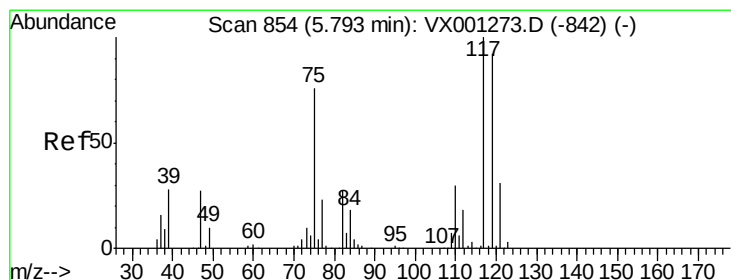
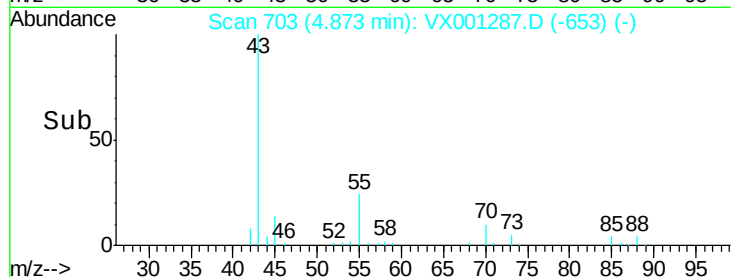
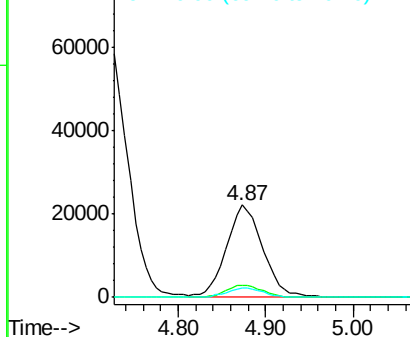
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.7	16.1
70	10.3	8.0	12.0

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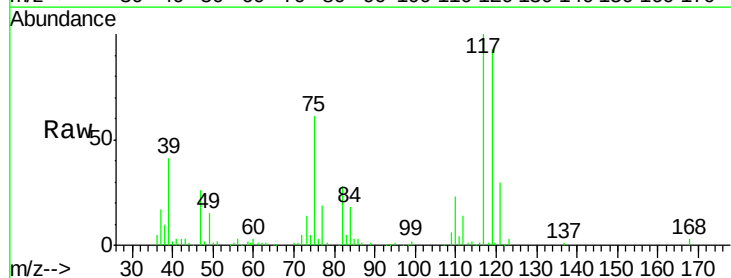


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

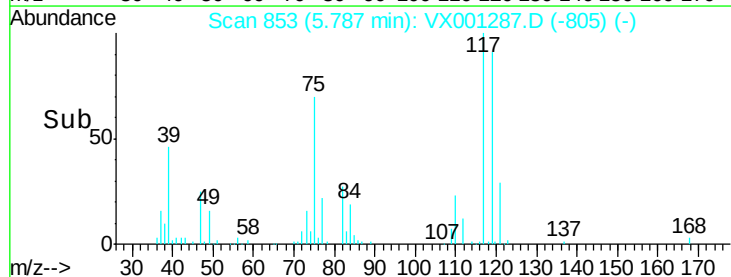
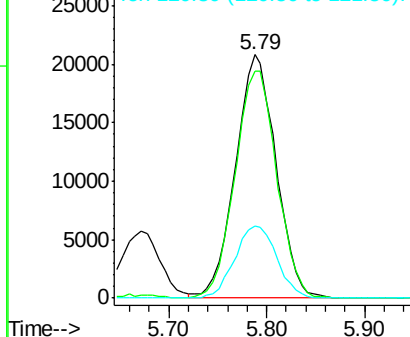


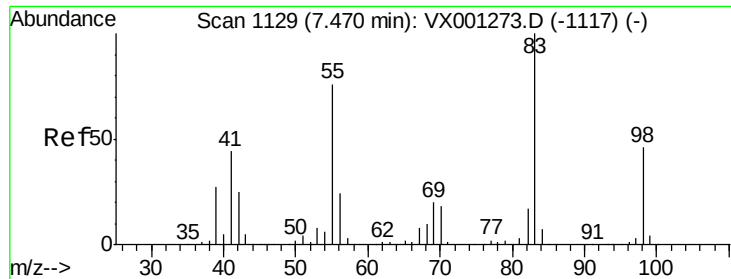
#38
Carbon Tetrachloride
Concen: 19.55 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	73.4	110.2
121	29.5	25.0	37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





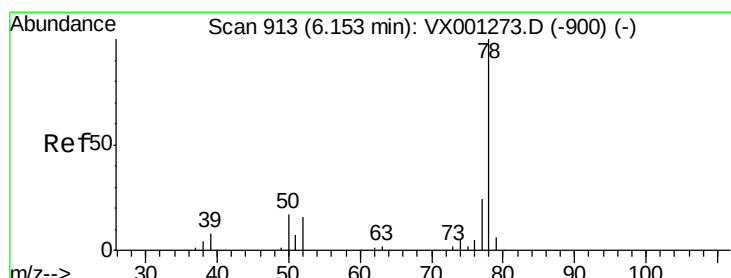
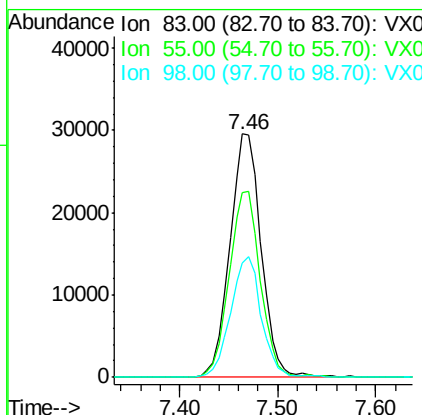
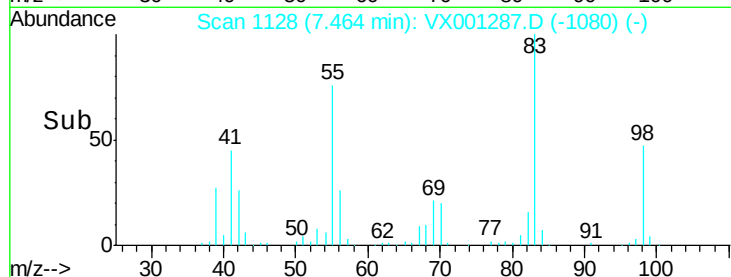
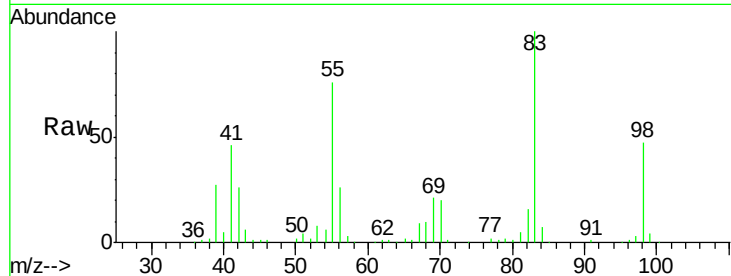
#39
Methylvlcyclohexane
Concen: 18.99 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.4	90.6
98	47.0	37.0	55.6

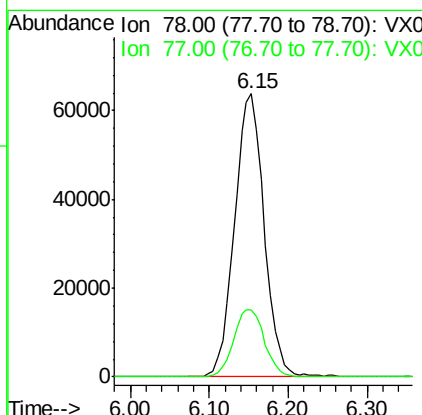
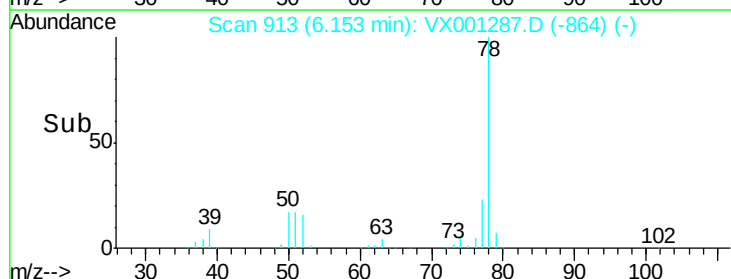
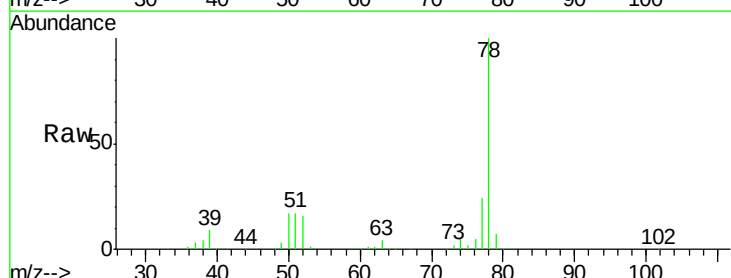
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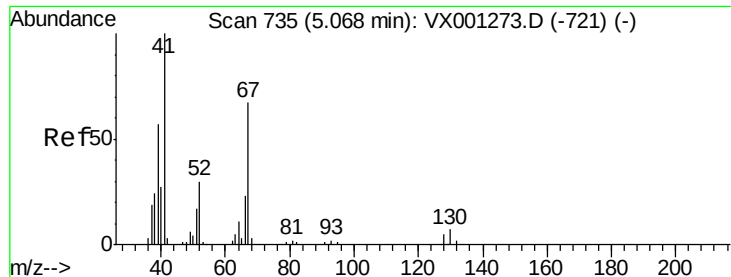
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#40
Benzene
Concen: 19.76 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





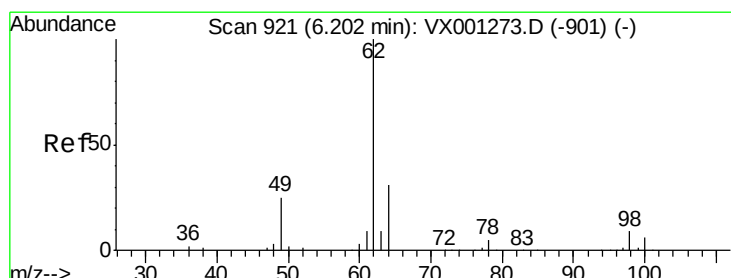
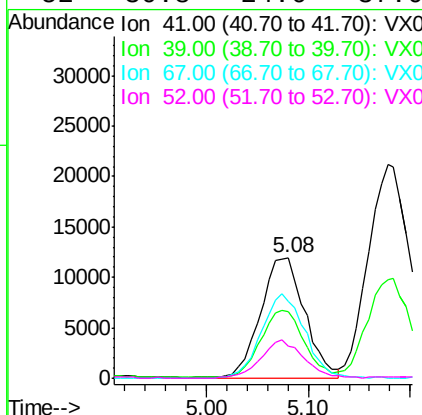
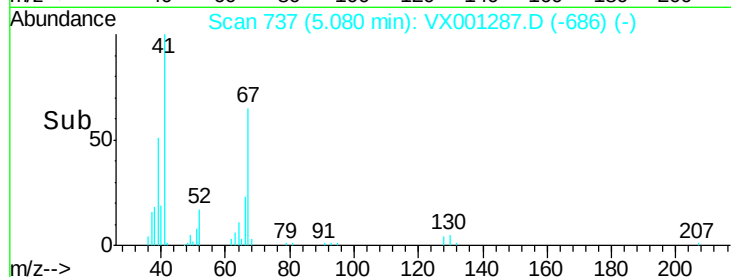
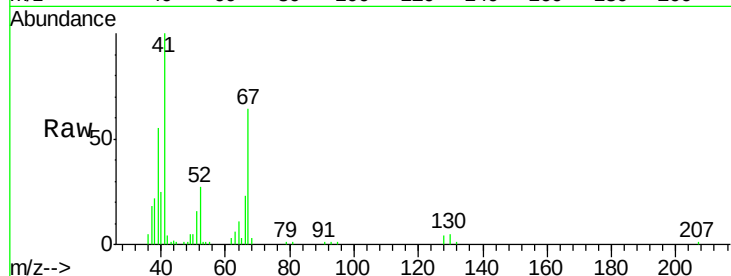
#41
Methacrylonitrile
Concen: 21.06 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		36212		
39	54.3		45.8	68.8	
67	67.7		54.8	82.2	
52	30.8		24.6	37.0	

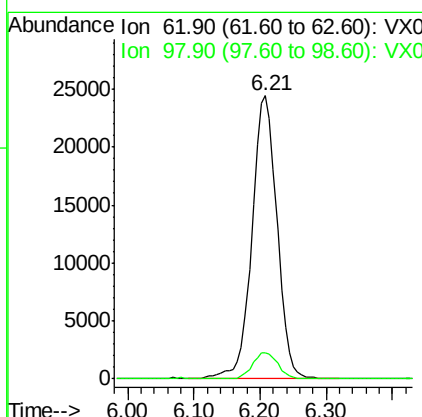
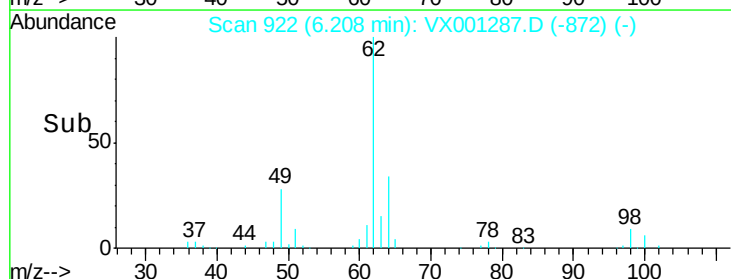
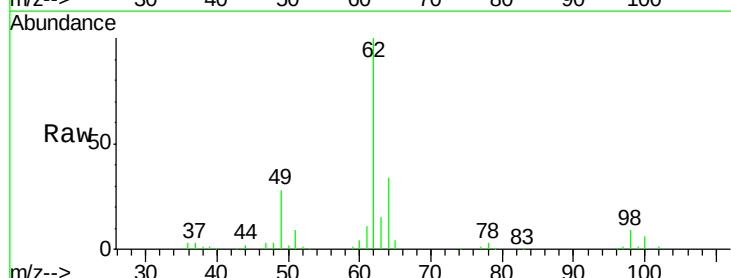
Manual Integrations
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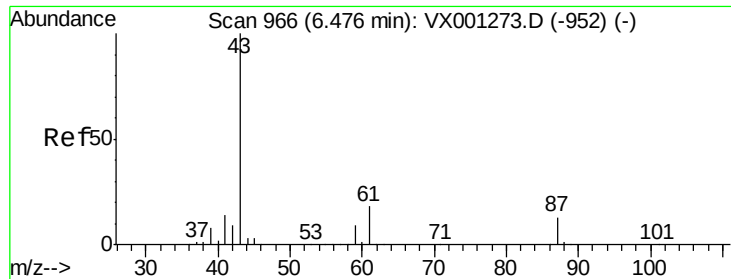
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.83 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		64588		
98	9.3		0.0	17.2	





#43

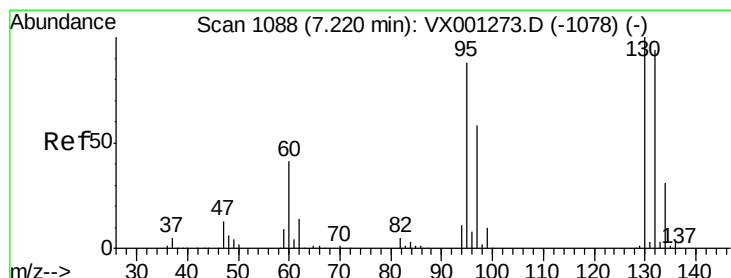
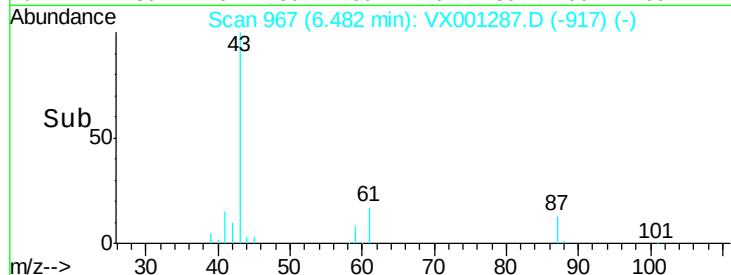
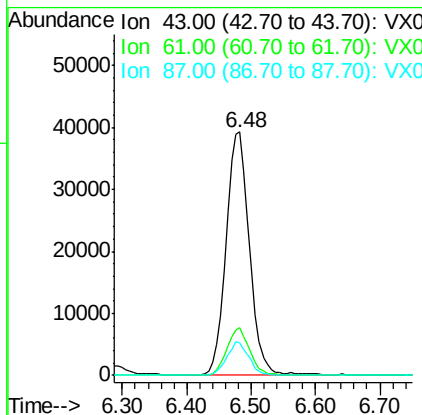
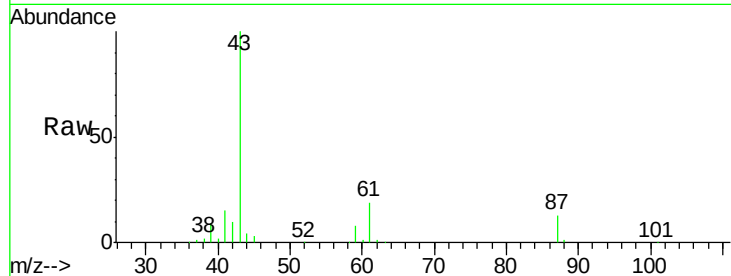
Isopropyl Acetate
 Concen: 20.98 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.0	22.4
87	13.1	10.2	15.4

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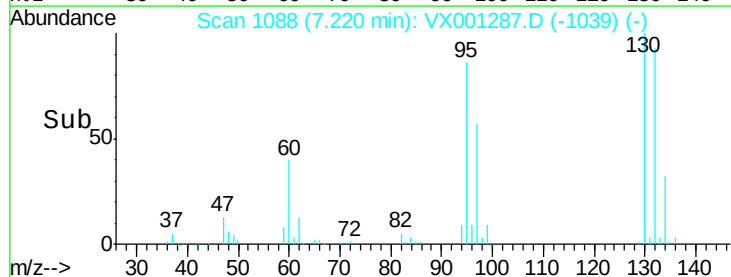
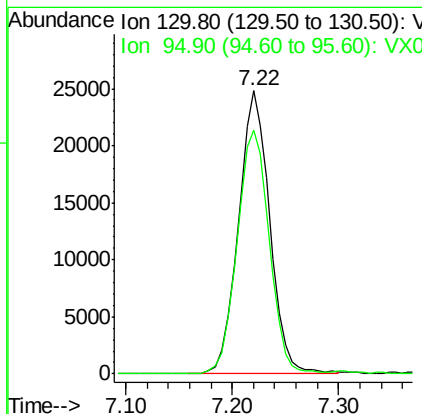
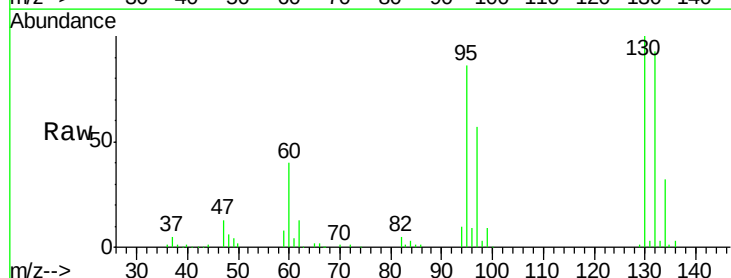
MMDadoda
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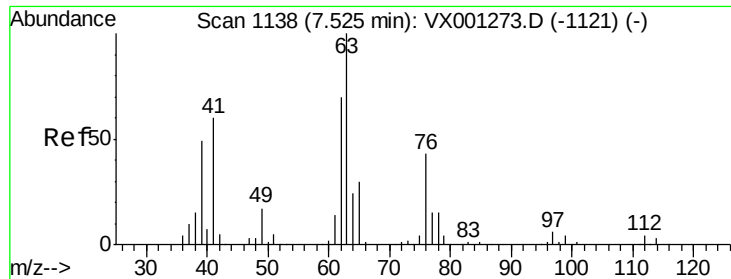


#44

Trichloroethene
 Concen: 19.85 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.3	0.0	176.0





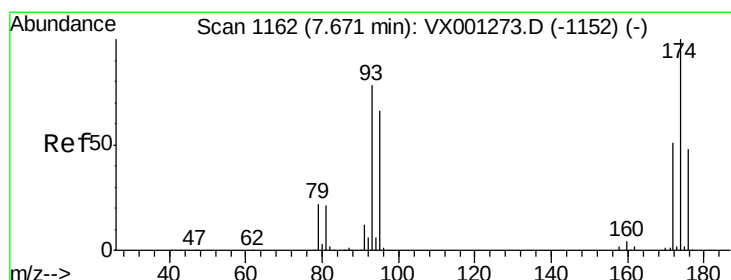
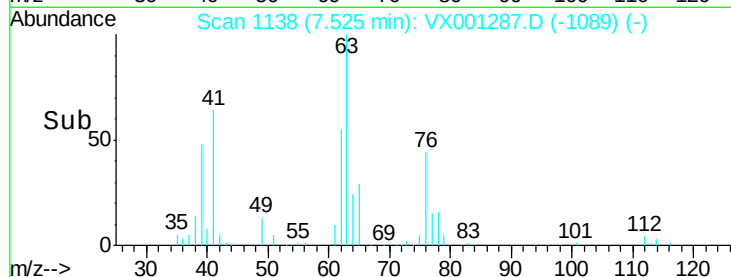
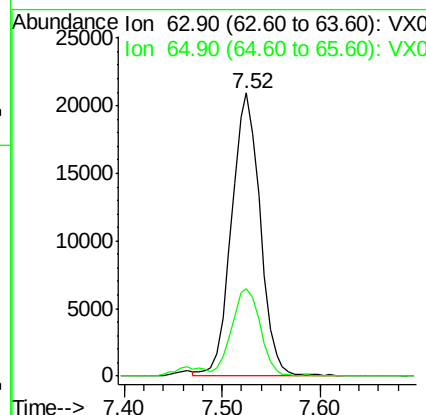
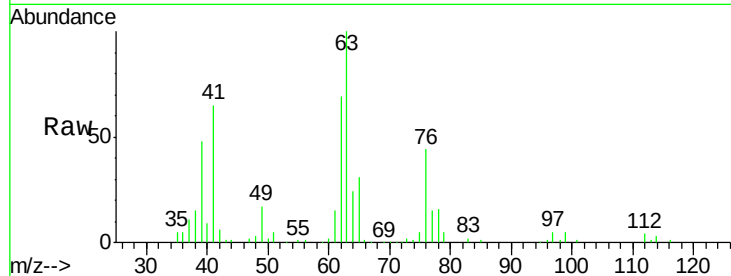
#45
 1,2-Dichloropropane
 Concen: 19.70 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

Tot Ion: 63 Resp: 42561
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.2 36.4

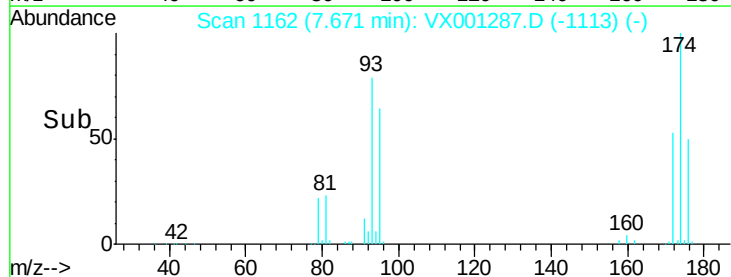
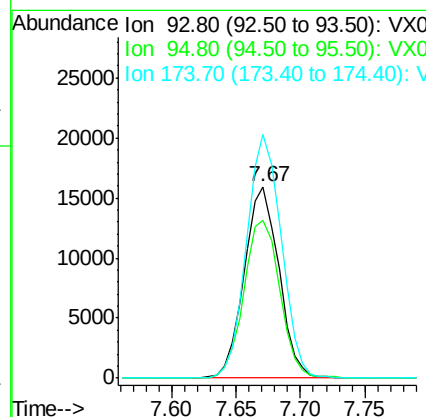
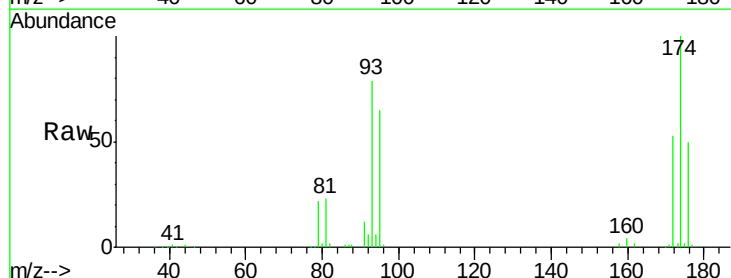
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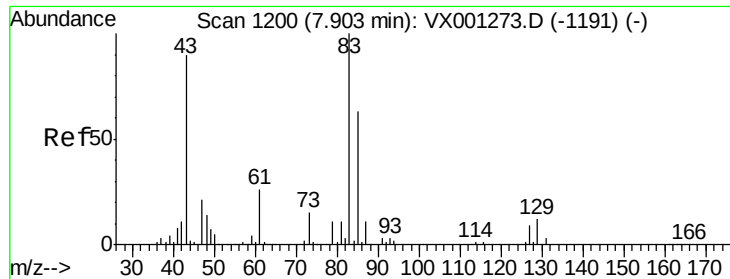
MMDadoda
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#46
 Dibromomethane
 Concen: 19.63 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion: 93 Resp: 29730
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.0 100.6
 174 127.7 102.3 153.5





#47

Bromodichloromethane

Concen: 19.74 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

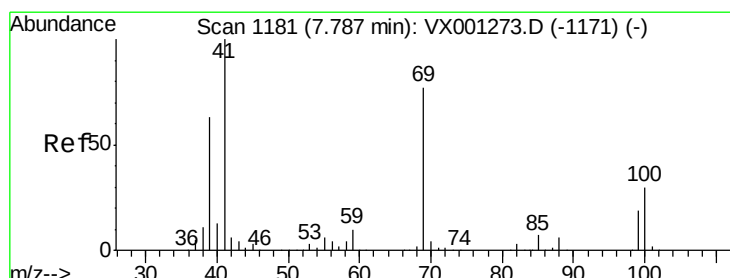
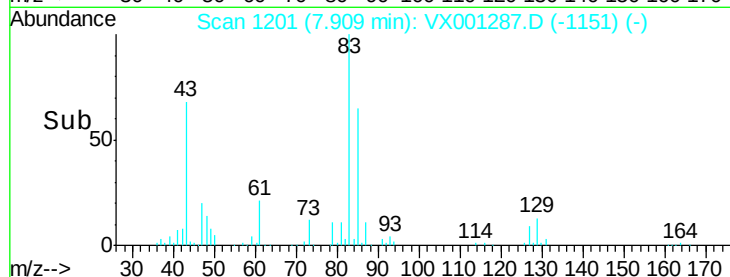
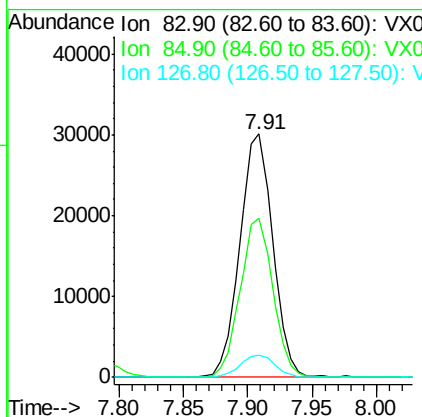
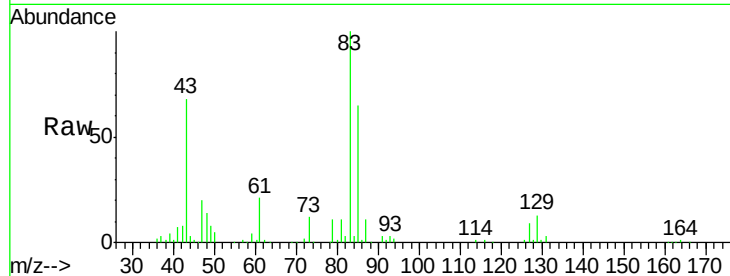
ClientSampleId :

VX0501WBSD02

Tot Ion:	83	Resp:	53459
Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.3	75.5
127	9.0	7.4	11.2

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#48

Methyl methacrylate

Concen: 20.35 ug/l

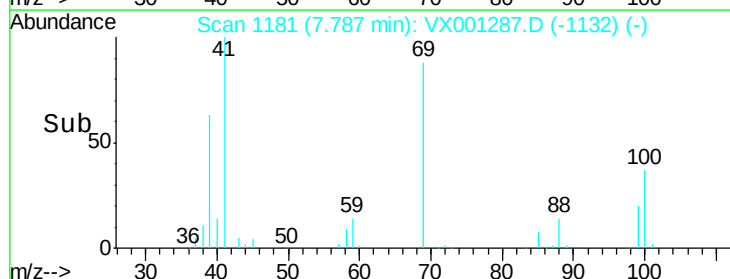
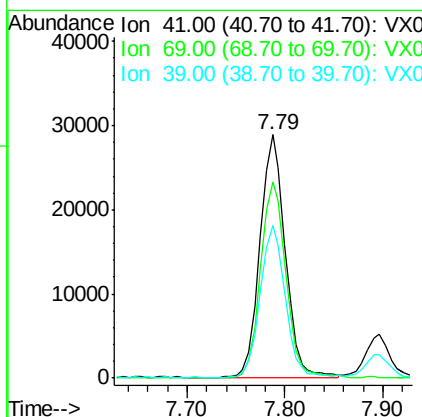
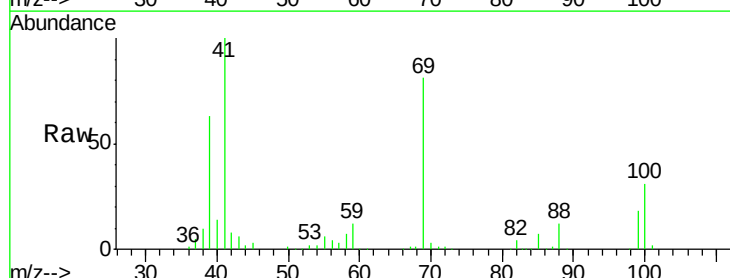
RT: 7.79 min Scan# 1181

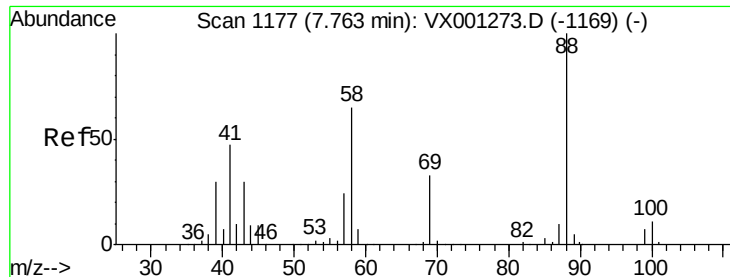
Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion:	41	Resp:	51714
Ion	Ratio	Lower	Upper
41	100		
69	81.6	63.0	94.6
39	62.2	50.2	75.4





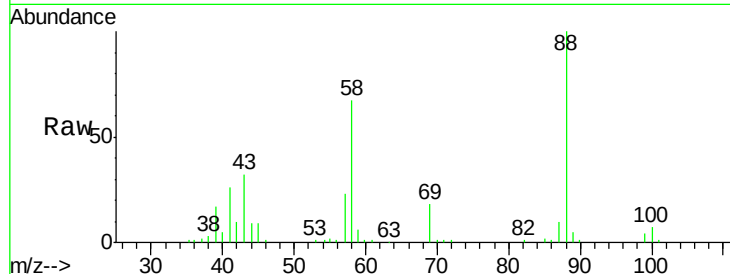
#49
1,4-Dioxane
Concen: 497.49 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

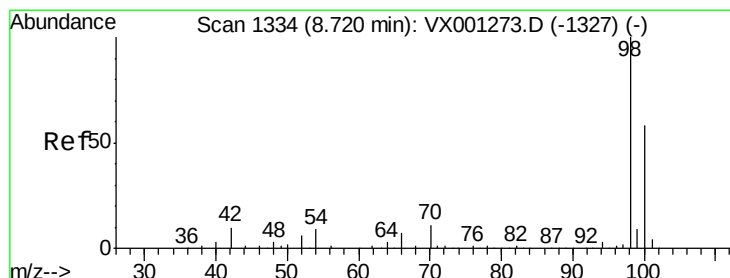
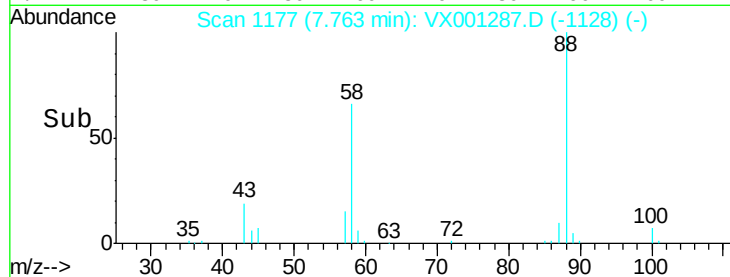
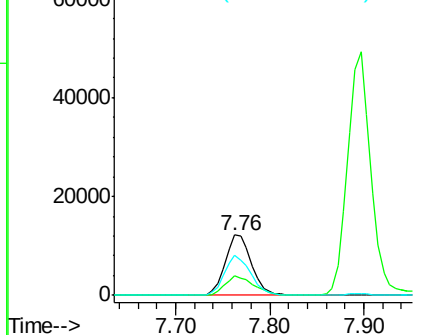
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	27.9	41.9
58	65.3	54.2	81.2

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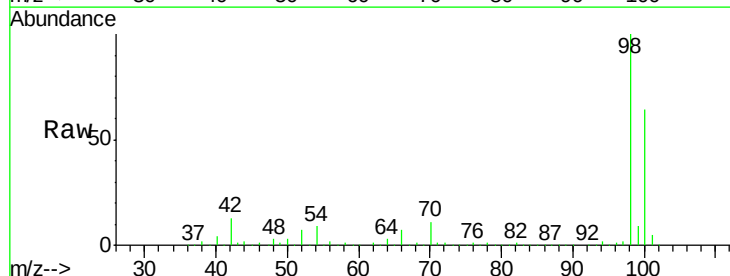


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

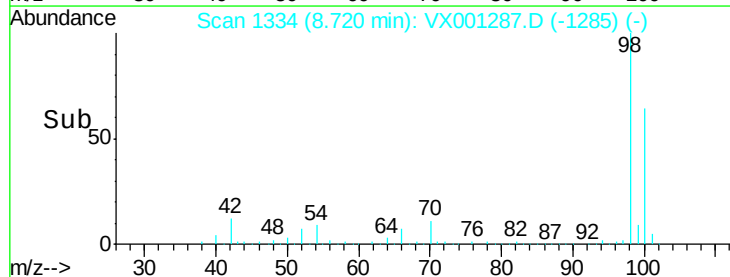
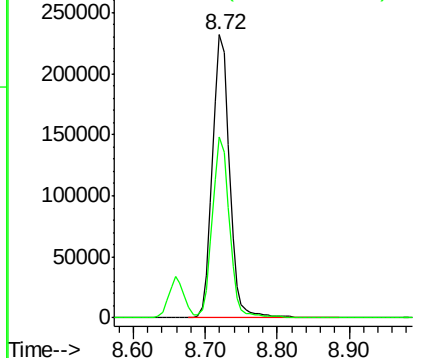


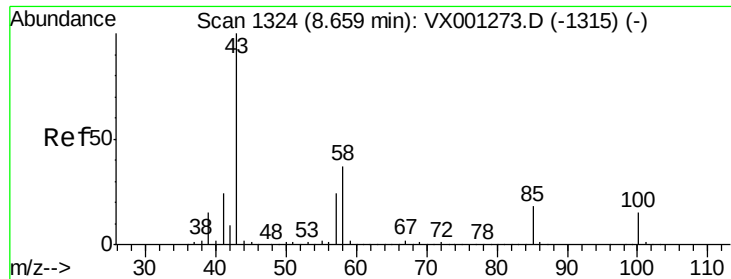
#50
Toluene-d8
Concen: 49.01 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.0	76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 110.38 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

Tot Ion: 43 Resp: 340203

Ion Ratio Lower Upper

43 100

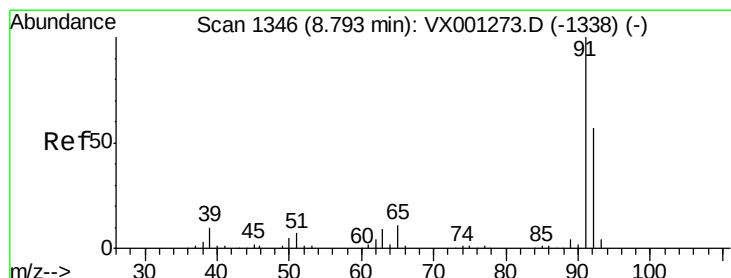
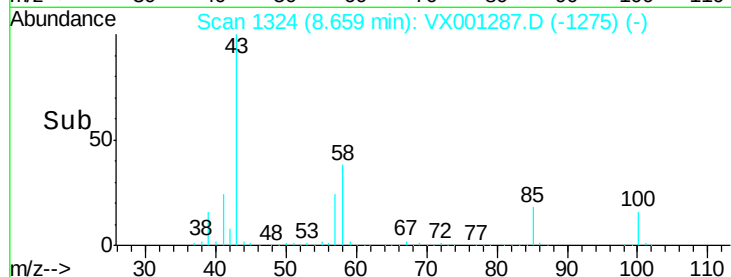
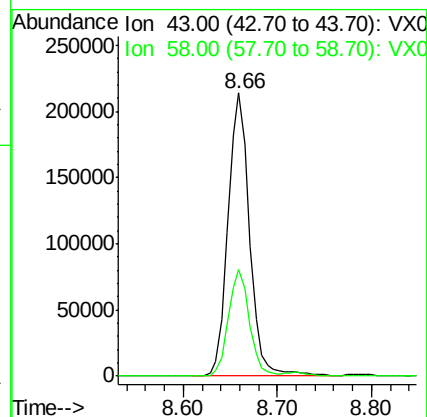
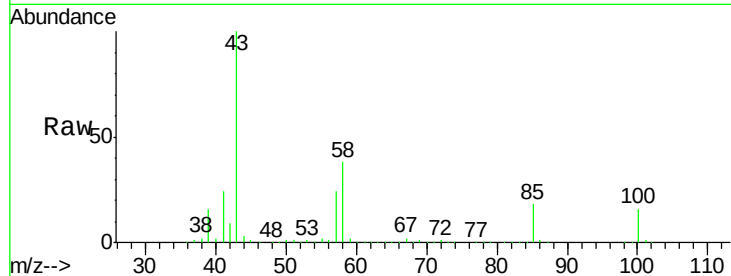
58 36.5 29.0 43.6

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#52

Toluene

Concen: 19.81 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001287.D

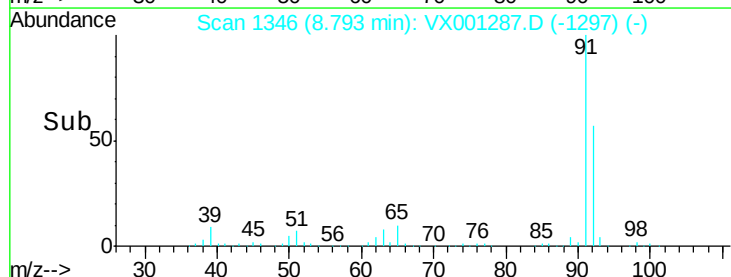
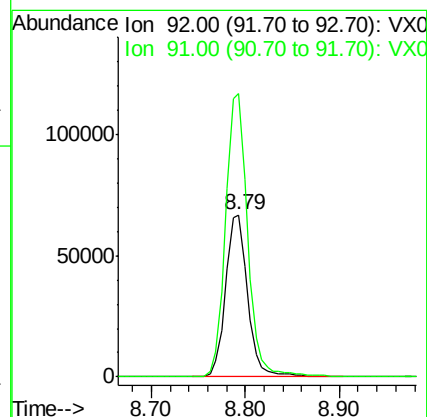
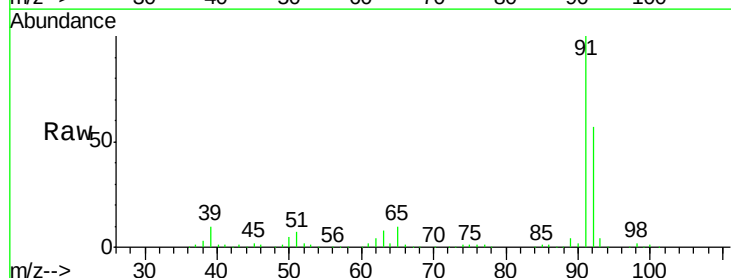
Acq: 01 May 2018 20:19

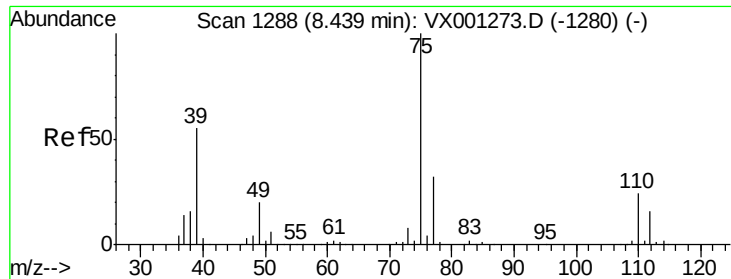
Tgt Ion: 92 Resp: 108909

Ion Ratio Lower Upper

92 100

91 175.6 139.0 208.6





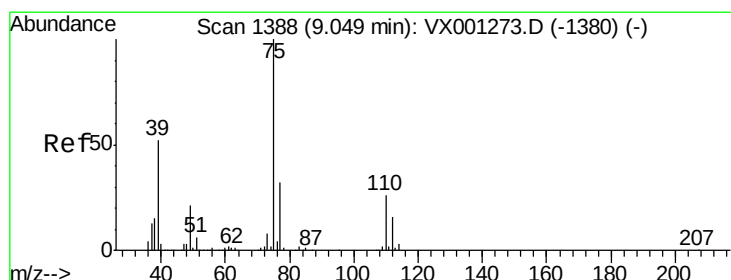
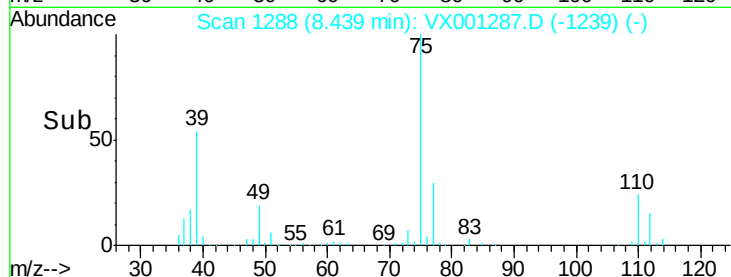
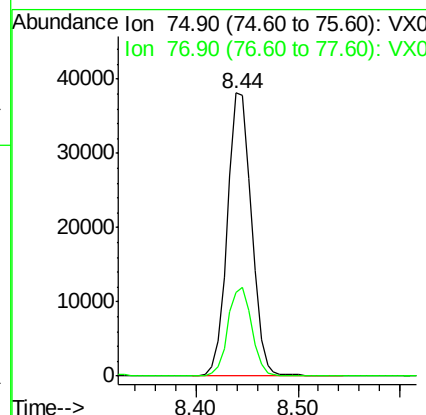
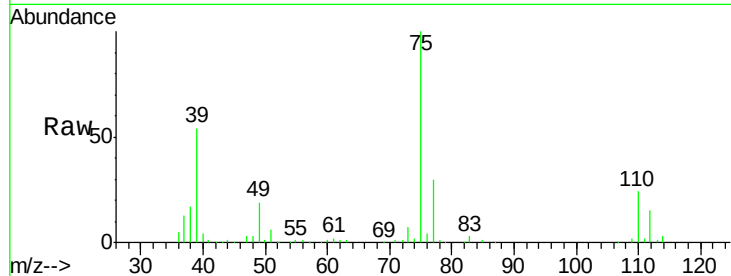
#53
t-1,3-Dichloropropene
Concen: 19.48 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tot Ion: 75 Resp: 62735
Ion Ratio Lower Upper
75 100
77 29.7 25.6 38.4

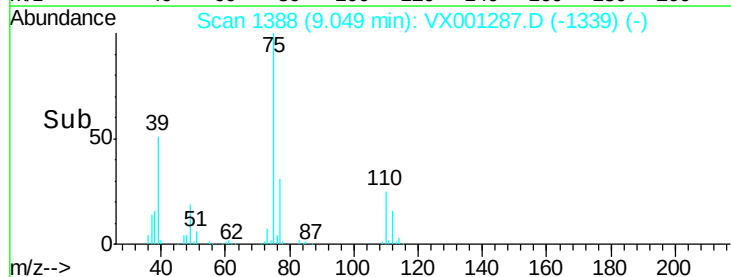
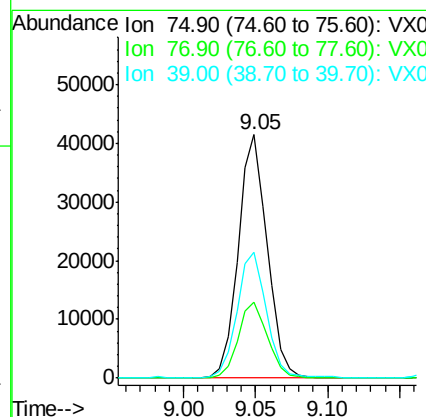
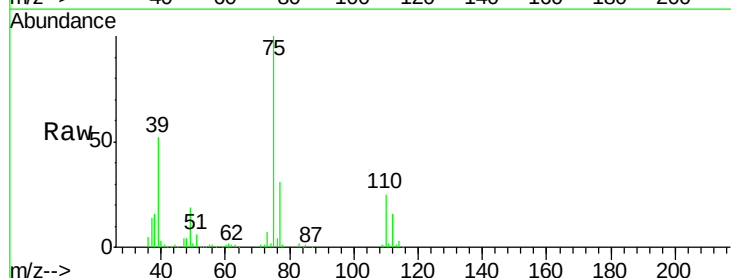
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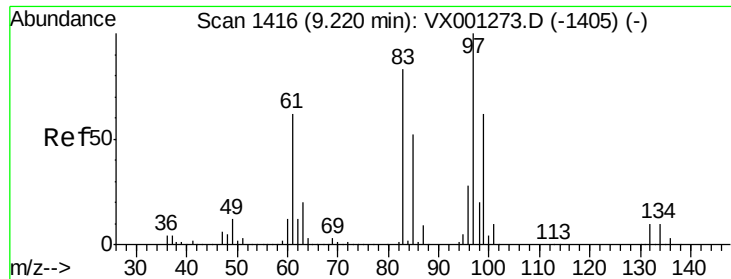
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#54
cis-1,3-Dichloropropene
Concen: 19.55 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 75 Resp: 57917
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3
39 51.7 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 20.64 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

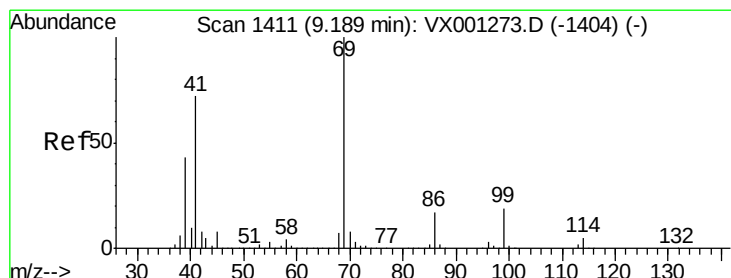
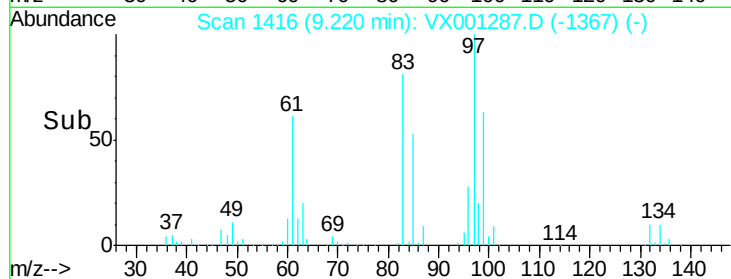
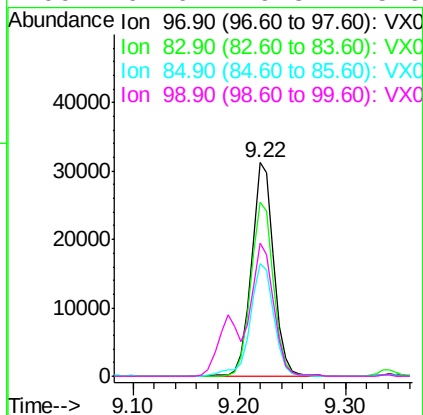
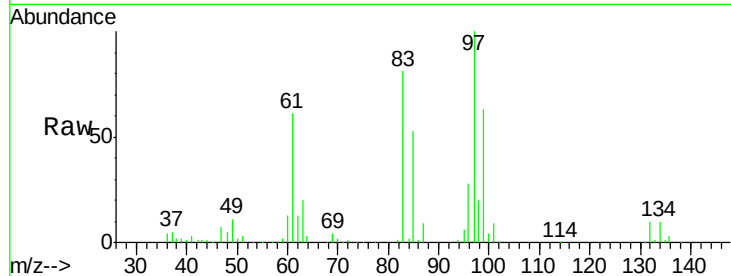
ClientSampleId :

VX0501WBSD02

Tot Ion:	97	Resp:	45843
Ion	Ratio	Lower	Upper
97	100		
83	81.5	66.4	99.6
85	52.6	41.6	62.4
99	62.6	49.3	73.9

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.73 ug/l

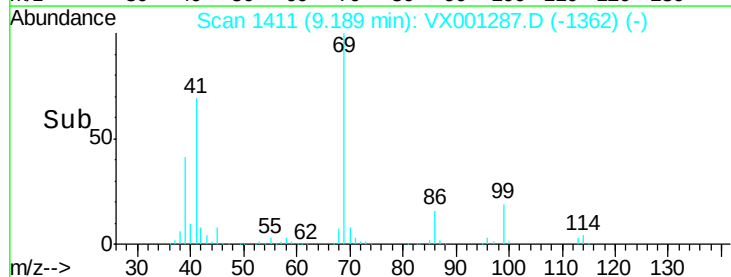
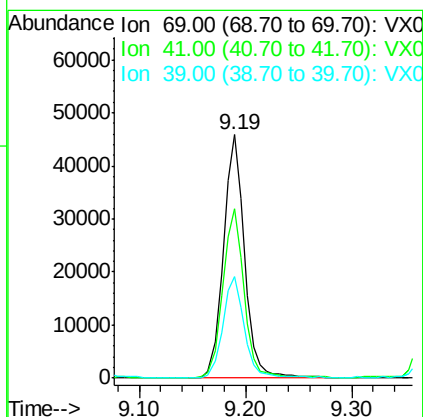
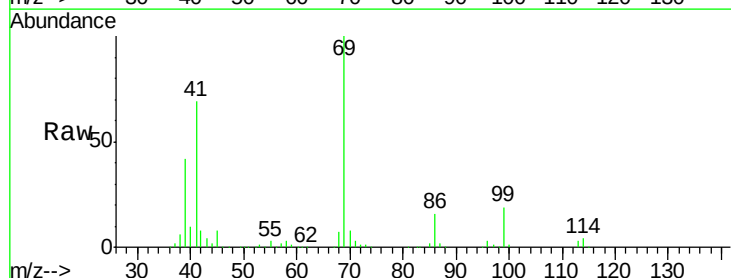
RT: 9.19 min Scan# 1411

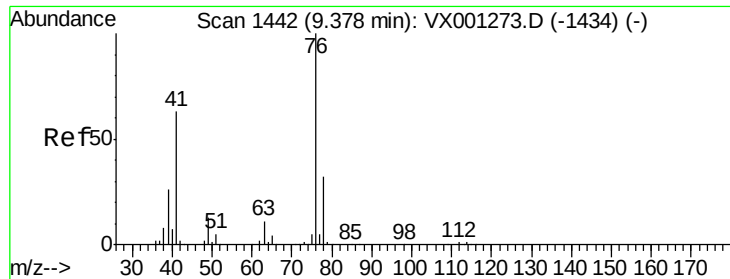
Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion:	69	Resp:	63796
Ion	Ratio	Lower	Upper
69	100		
41	69.7	57.2	85.8
39	42.5	34.3	51.5





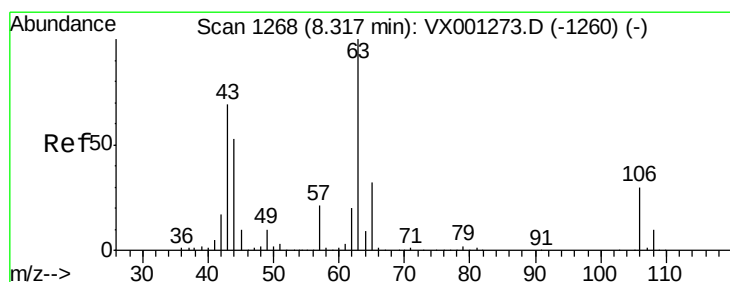
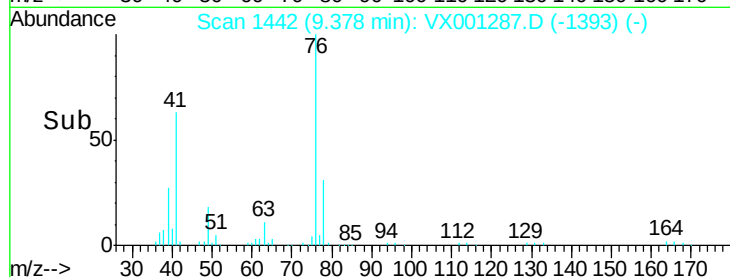
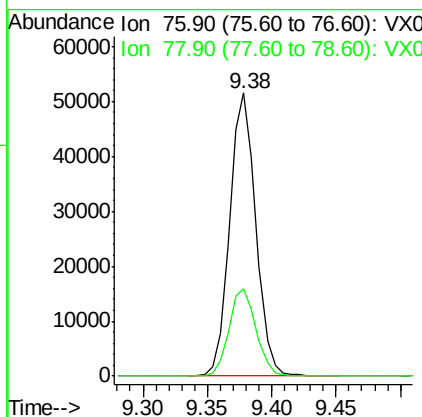
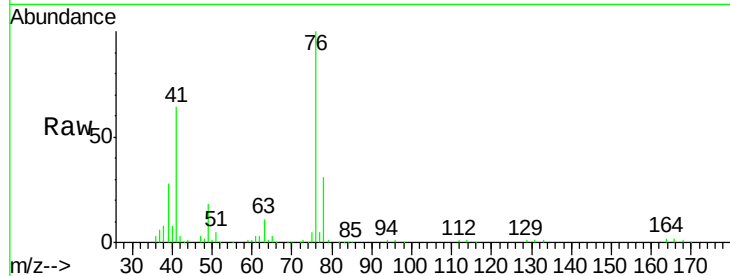
#57
 1,3-Dichloropropane
 Concen: 20.47 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.6	38.4

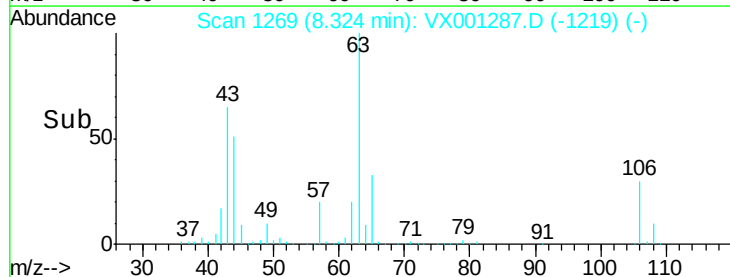
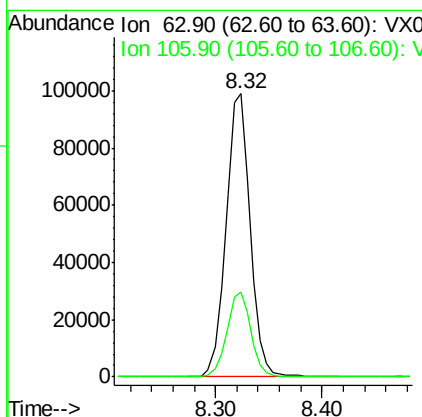
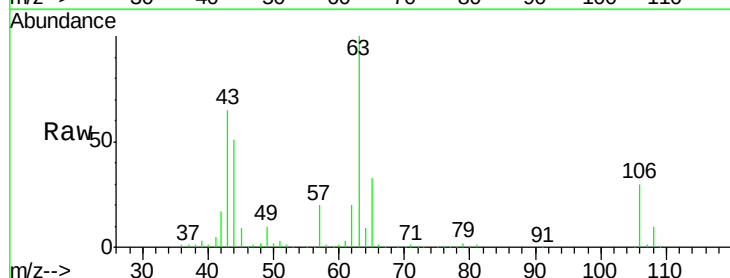
Manual Integrations
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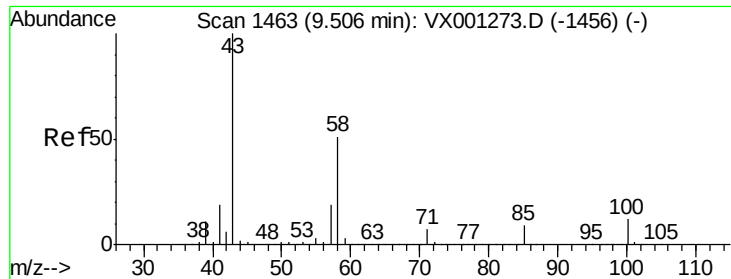
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#58
 2-Chloroethyl Vinyl ether
 Concen: 105.65 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.8	35.6





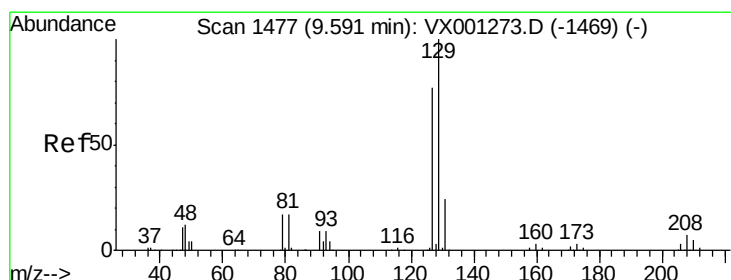
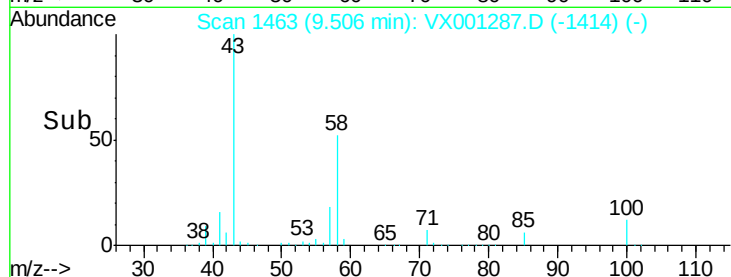
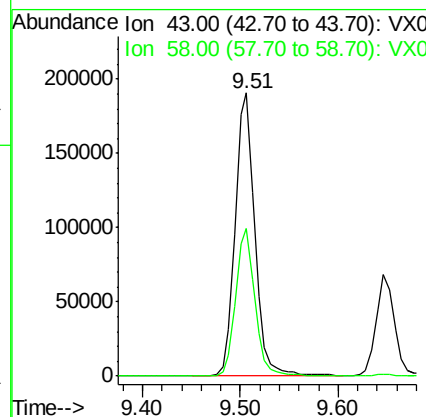
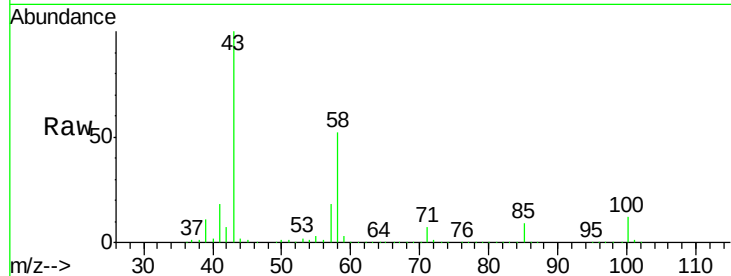
#59
2-Hexanone
Concen: 110.36 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tot Ion: 43 Resp: 265846
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.0

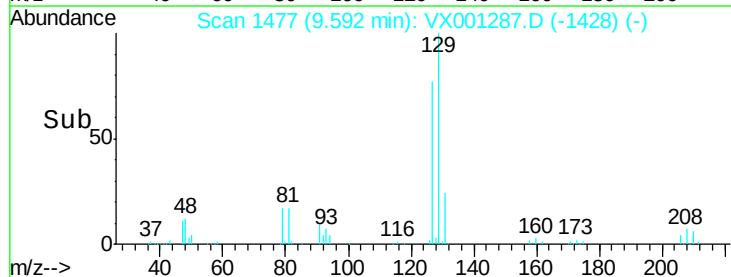
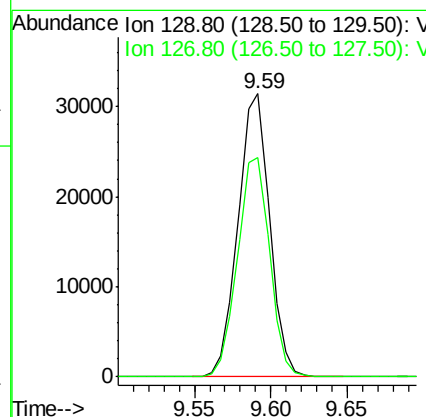
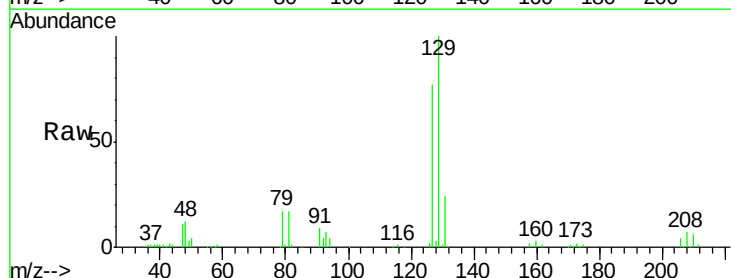
Manual Integrations
APPROVED

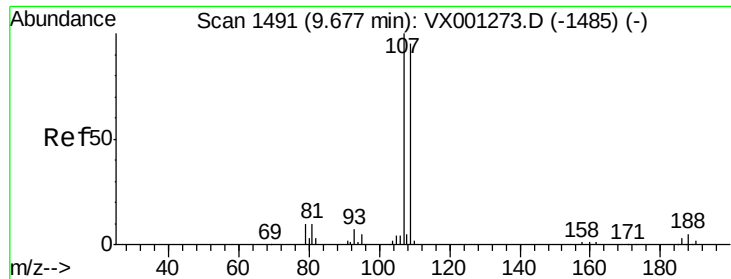
MMDadoda
5/2/2018 4:20:57 PM



#60
Dibromochloromethane
Concen: 19.45 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 129 Resp: 45079
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 20.61 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

Tot Ion:107 Resp: 48513

Ion Ratio Lower Upper

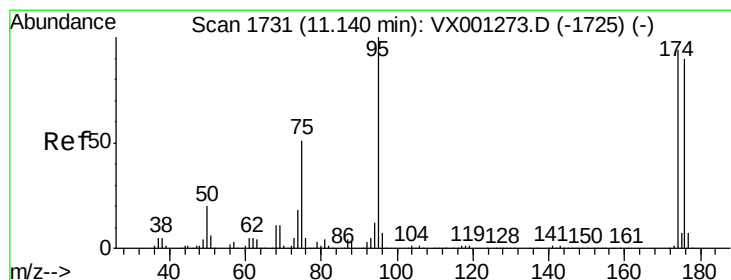
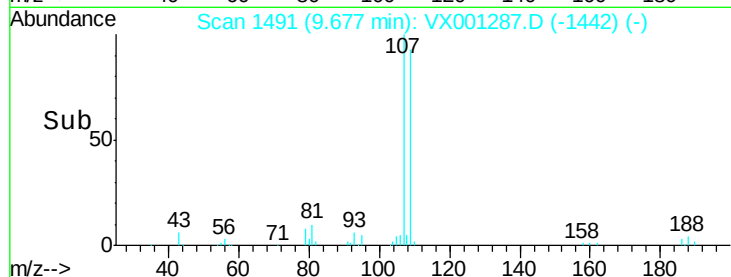
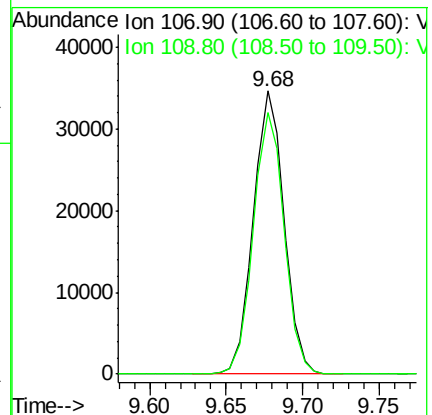
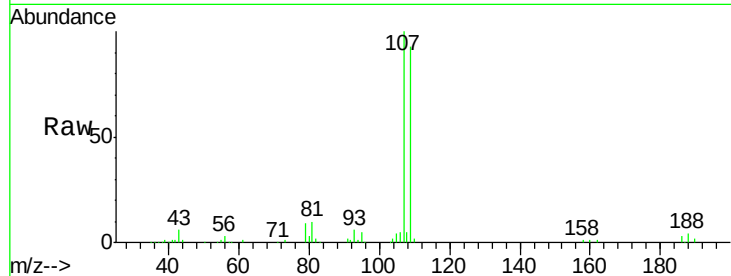
107 100

109 93.1 75.4 113.2

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 46.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

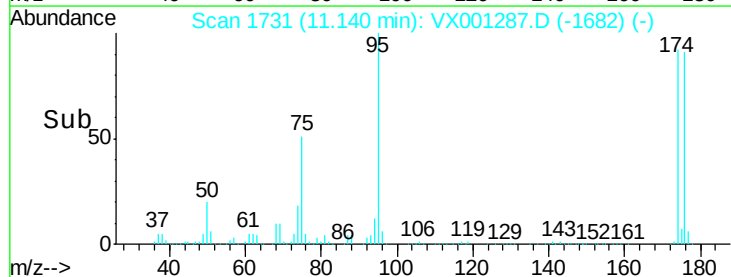
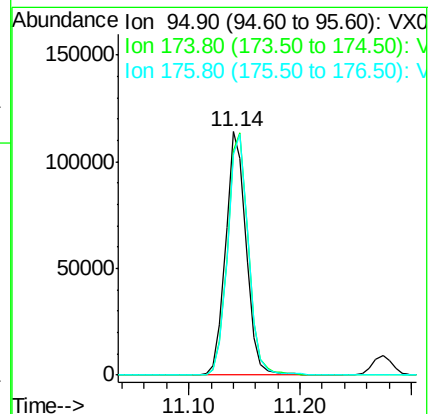
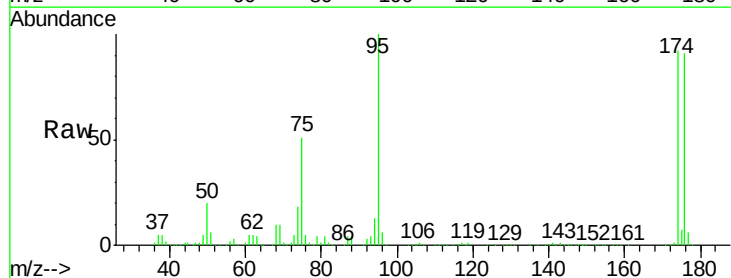
Tgt Ion: 95 Resp: 144658

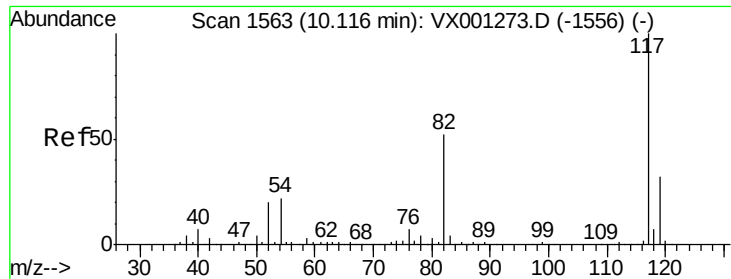
Ion Ratio Lower Upper

95 100

174 101.1 0.0 201.8

176 99.9 0.0 197.2





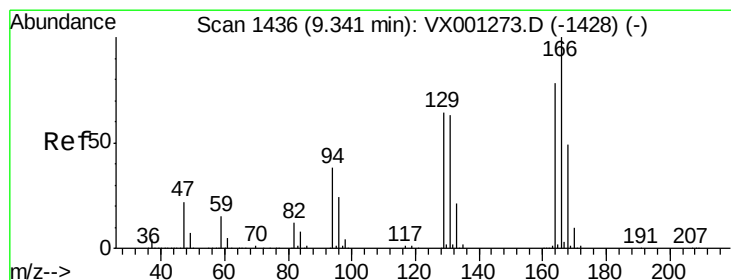
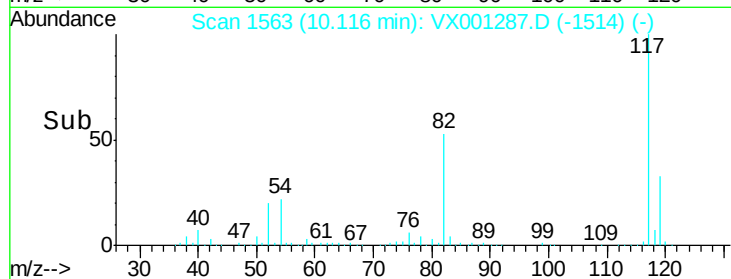
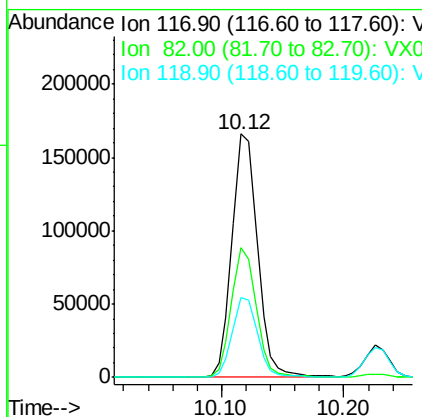
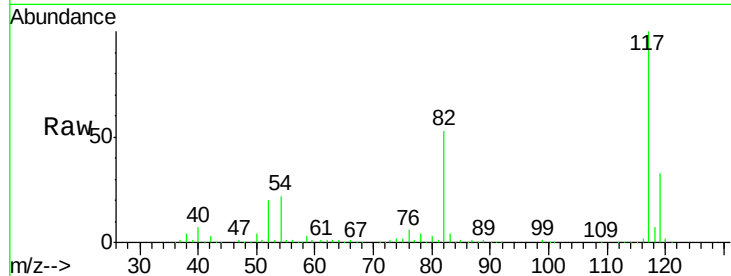
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	240836		
82	53.1		41.4	62.0
119	32.9		25.5	38.3

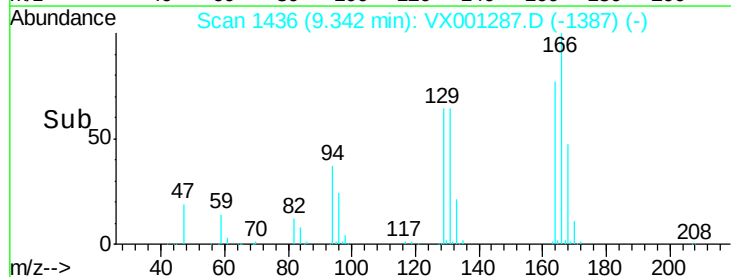
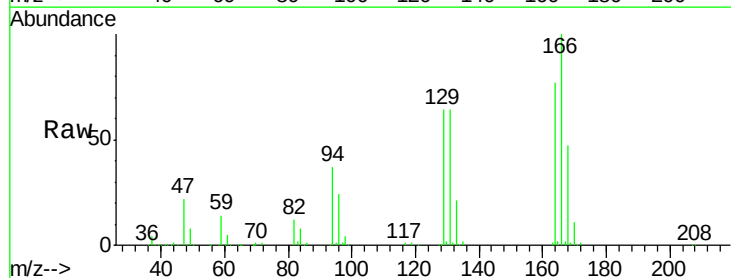
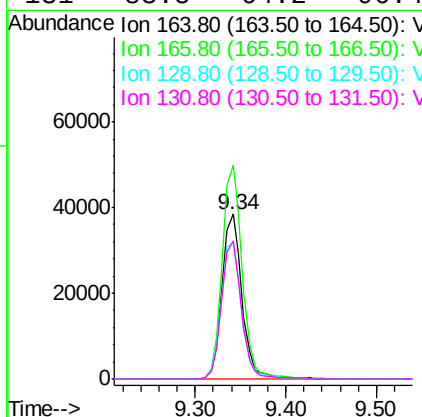
Manual Integrations
APPROVED

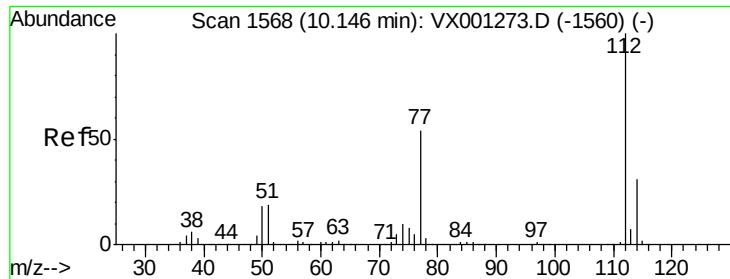
MMDadoda
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#64
Tetrachloroethene
Concen: 20.78 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	59288		
166	129.5		102.3	153.5
129	82.6		65.1	97.7
131	83.5		64.2	96.4





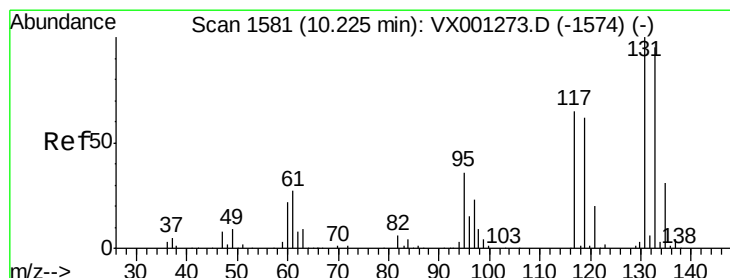
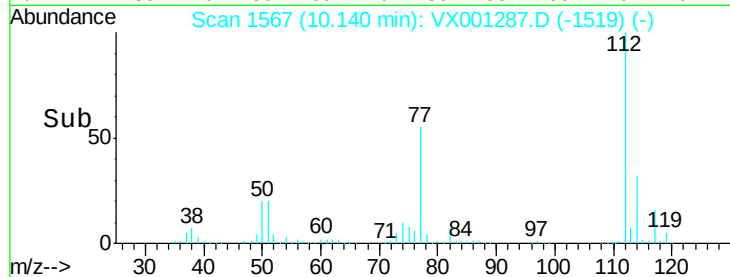
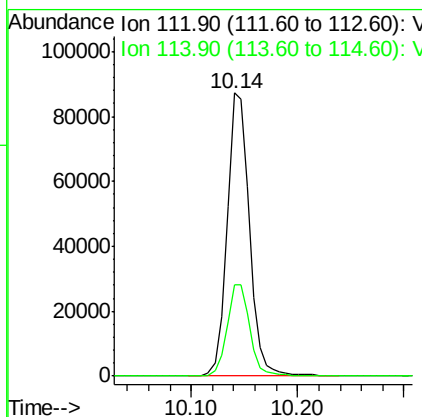
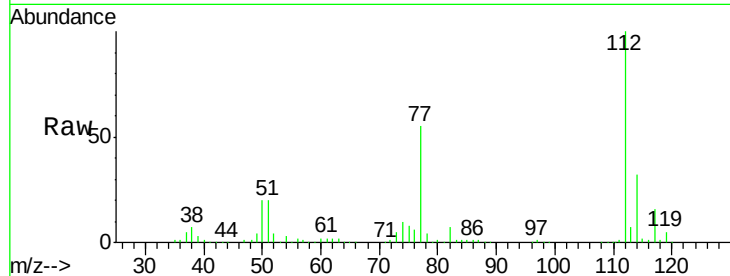
#65
Chlorobenzene
Concen: 19.59 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tot Ion:112 Resp: 128285
Ion Ratio Lower Upper
112 100
114 32.2 24.8 37.2

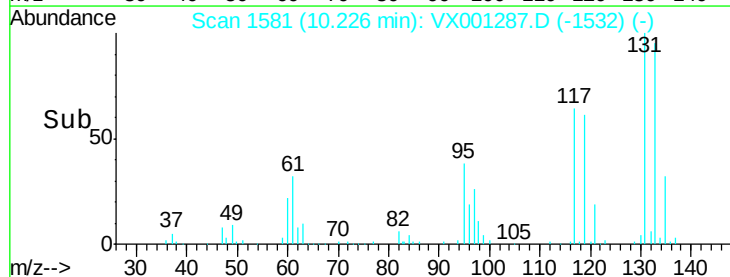
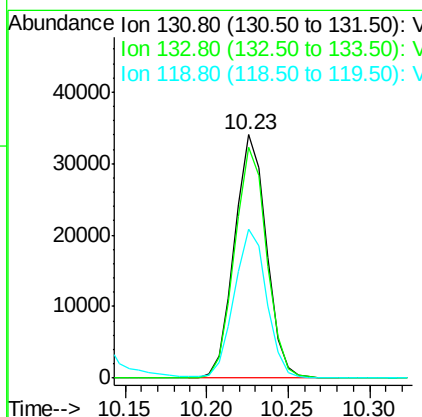
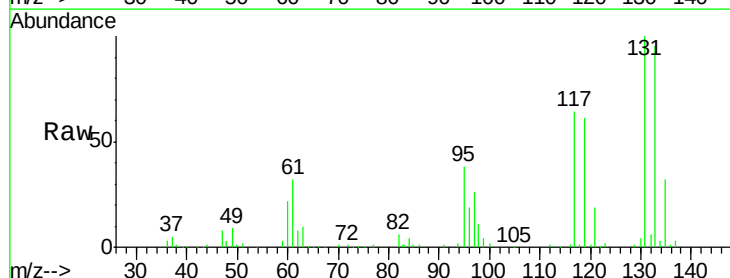
Manual Integrations
APPROVED

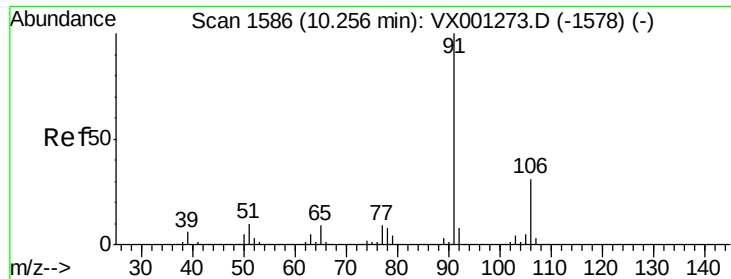
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.41 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion:131 Resp: 46402
Ion Ratio Lower Upper
131 100
133 95.3 48.3 144.9
119 62.6 31.2 93.6





#67

Ethyl Benzene

Concen: 19.47 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampled :

VX0501WBSD02

Tot Ion: 91 Resp: 210107

Ion Ratio Lower Upper

91 100

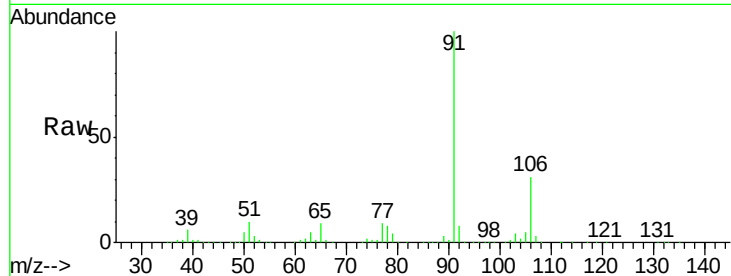
106 31.2 24.9 37.3

Manual Integrations

APPROVED

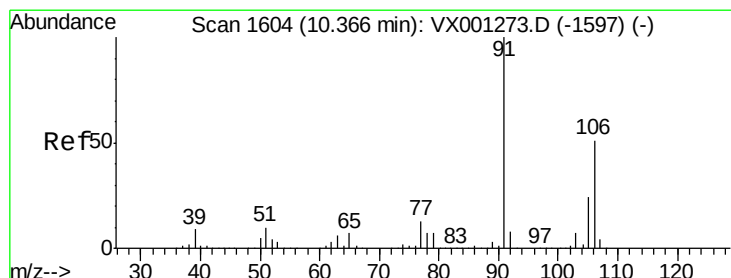
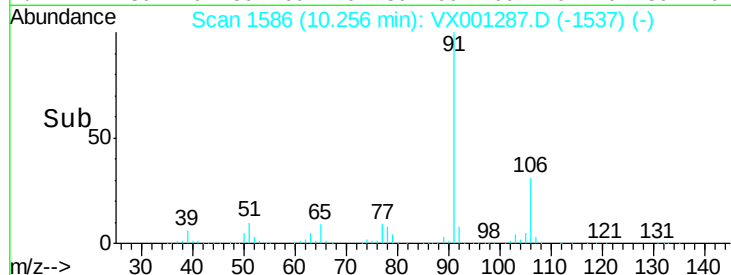
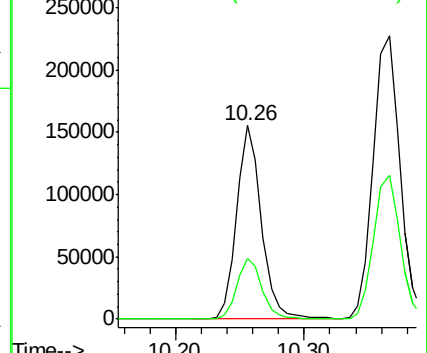
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.62 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001287.D

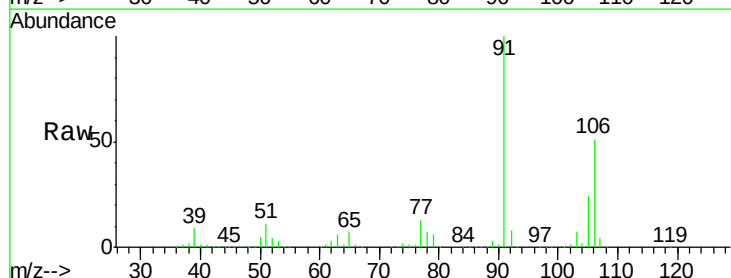
Acq: 01 May 2018 20:19

Tgt Ion: 106 Resp: 168274

Ion Ratio Lower Upper

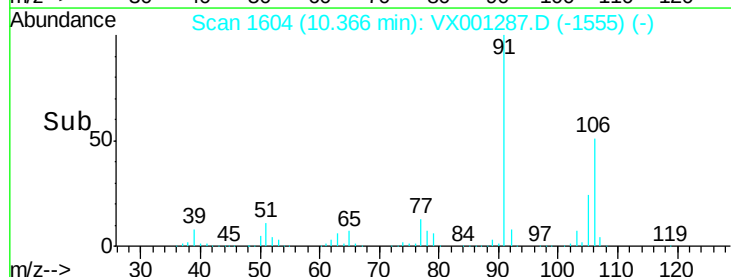
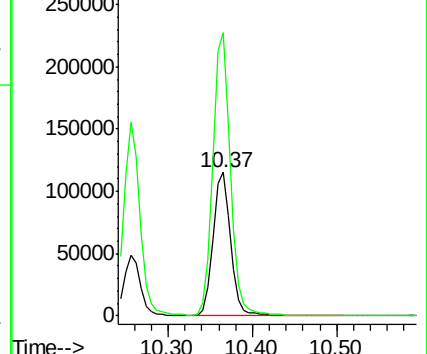
106 100

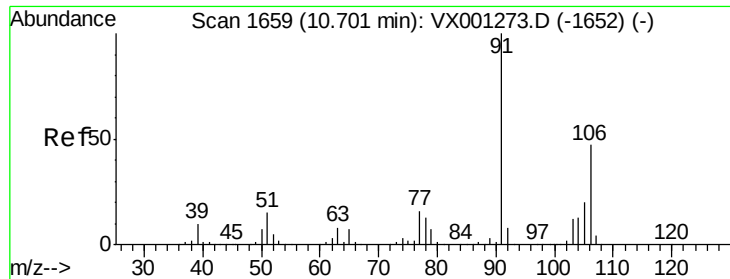
91 196.9 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





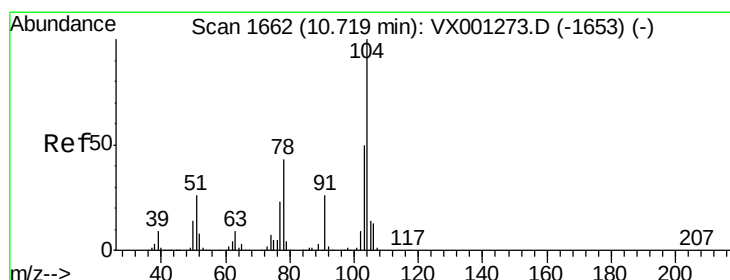
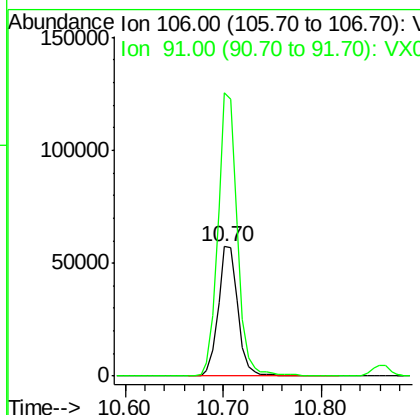
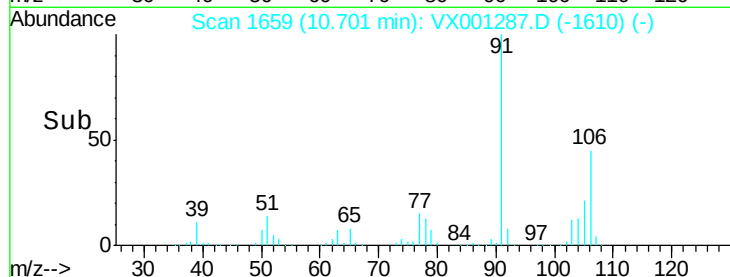
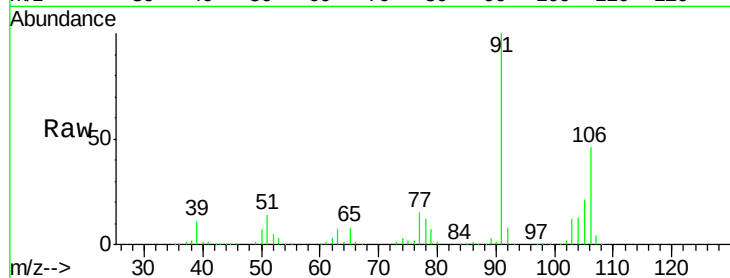
#69
o-Xylene
Concen: 19.44 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	214.4	106.3	80053	319.0	

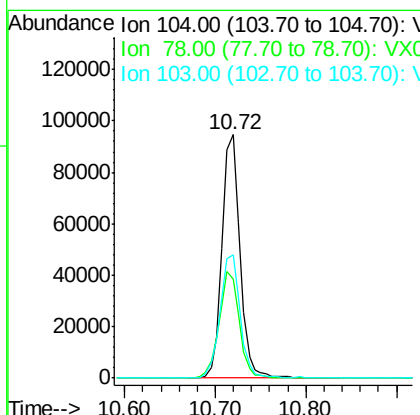
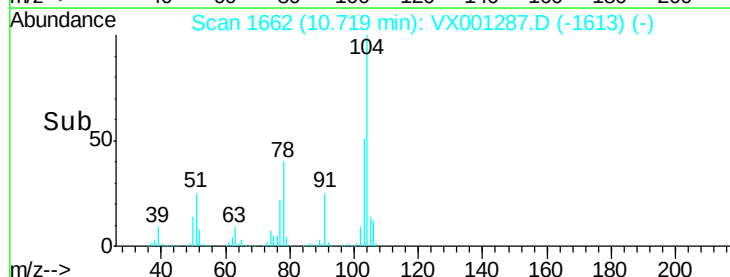
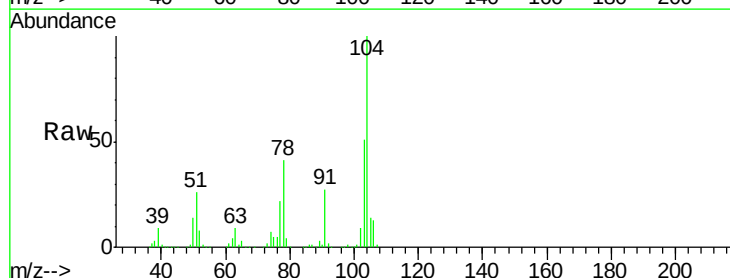
Manual Integrations
APPROVED

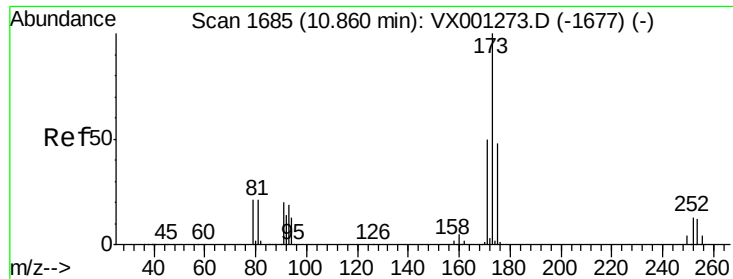
MMDadoda
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#70
Styrene
Concen: 19.54 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.1	40.1	131655	60.1	
103	56.8	44.5		66.7	





#71

Bromoform

Concen: 19.07 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

Tot Ion:173 Resp: 36096

Ion Ratio Lower Upper

173 100

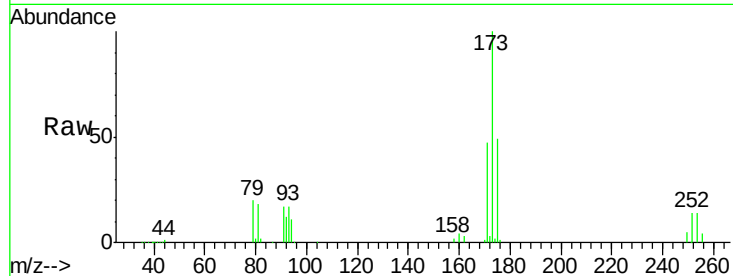
175 49.1 24.6 74.0

254 0.0 0.2 0.2#

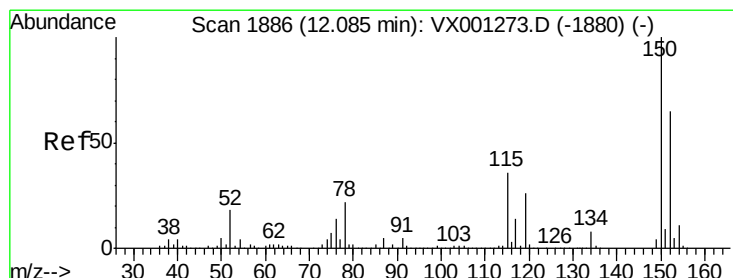
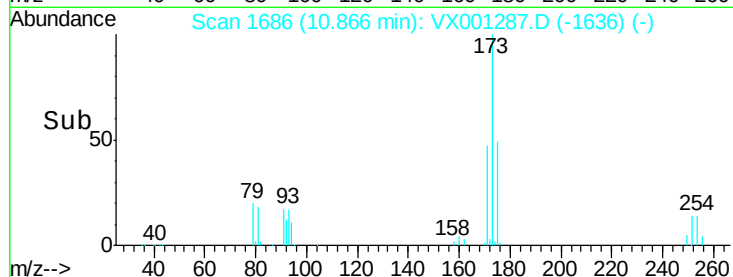
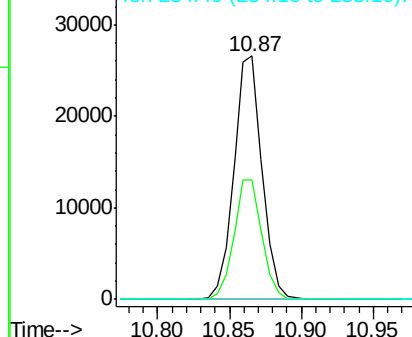
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

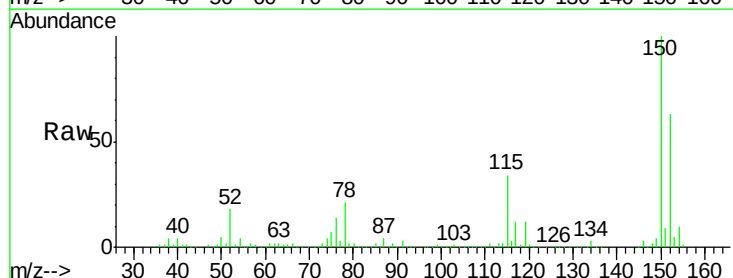
Tgt Ion:152 Resp: 161496

Ion Ratio Lower Upper

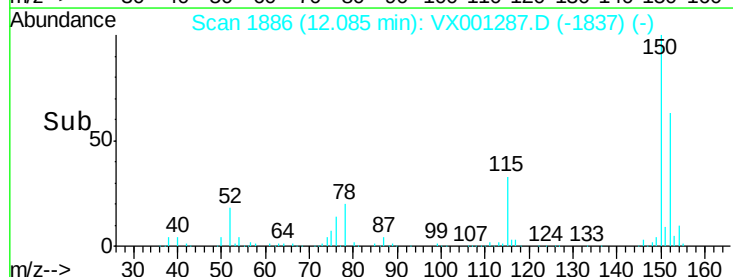
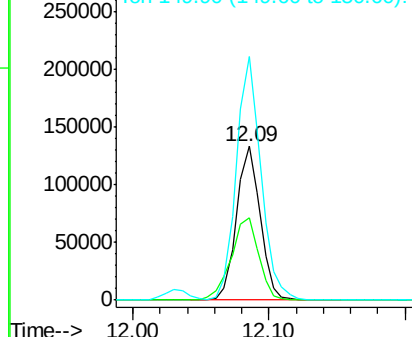
152 100

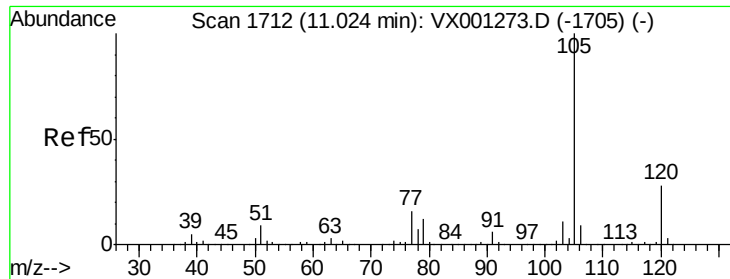
115 62.5 38.6 115.7

150 165.3 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.04 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

Tot Ion:105 Resp: 216504

Ion Ratio Lower Upper

105 100

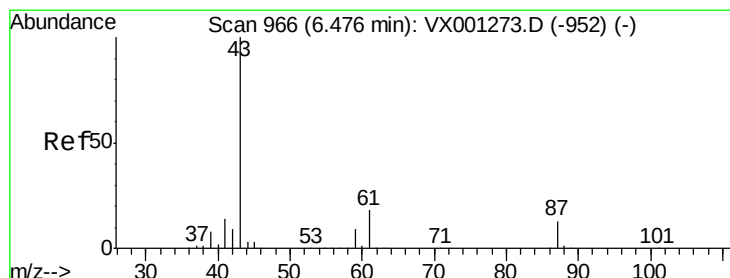
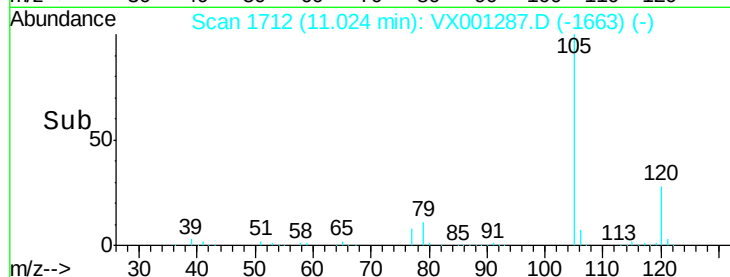
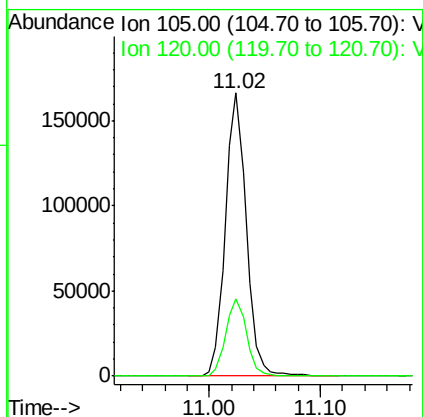
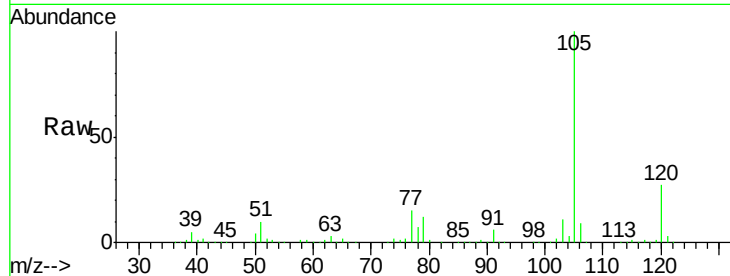
120 27.3 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.64 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion: 43 Resp: 100280

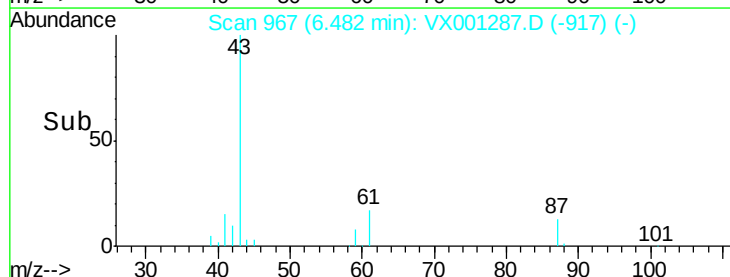
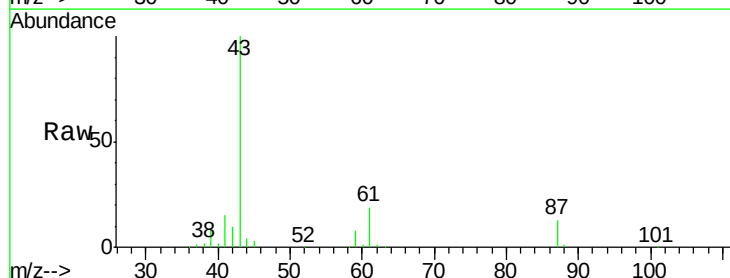
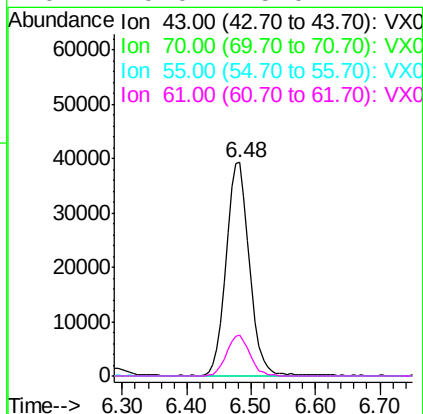
Ion Ratio Lower Upper

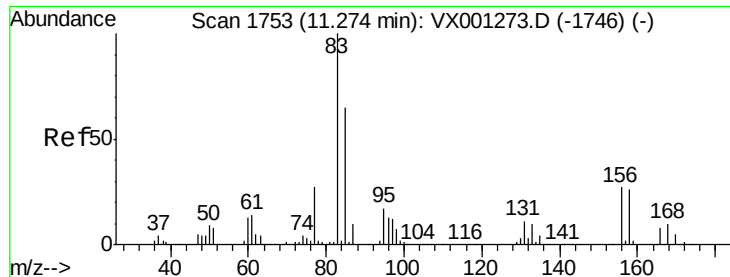
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.0 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.01 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

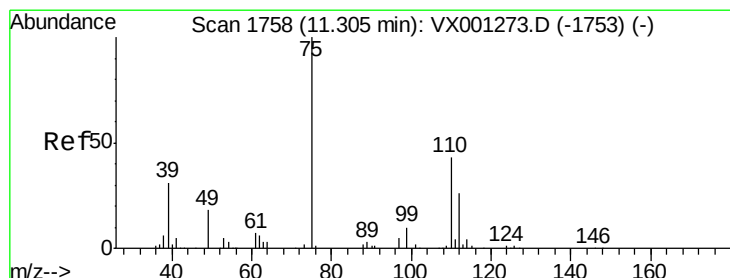
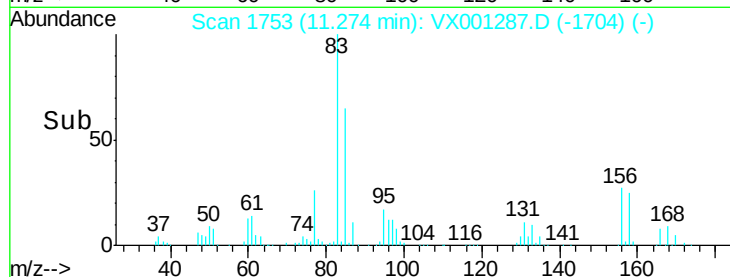
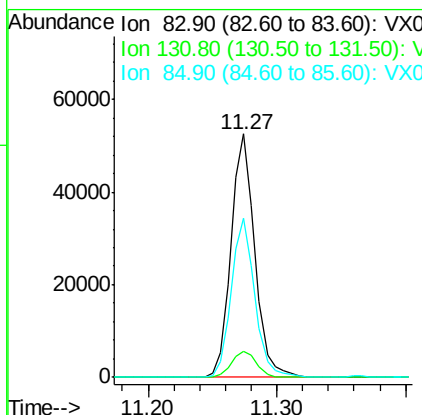
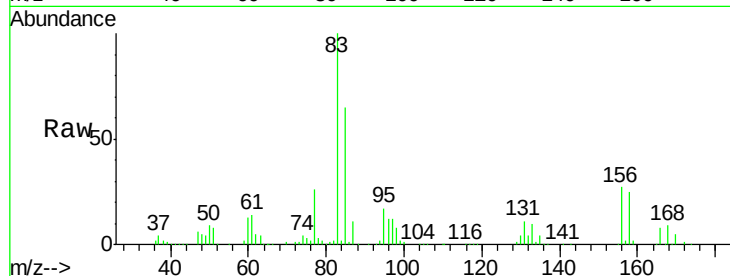
ClientSampled :

VX0501WBSD02

Tot Ion:	83	Resp:	67996
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.8	17.3
85	64.9	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.21 ug/l m

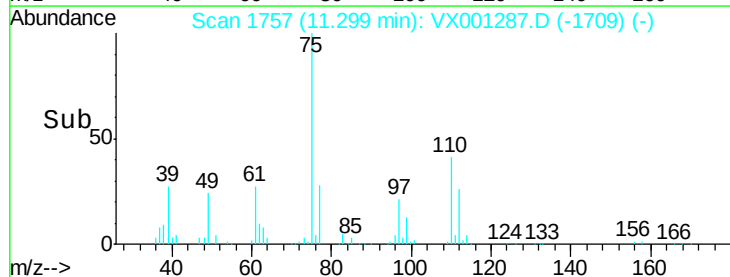
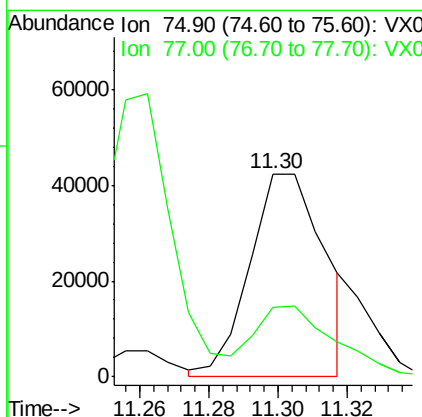
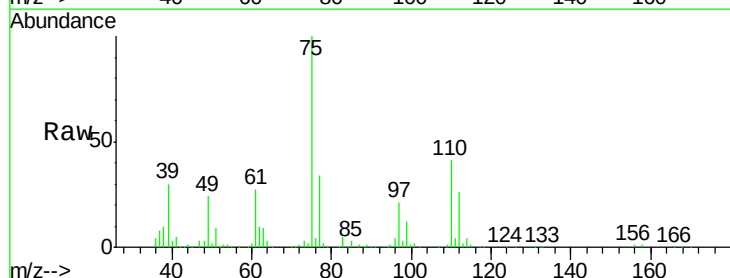
RT: 11.30 min Scan# 1757

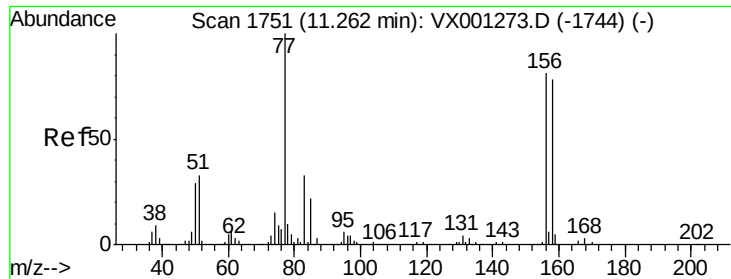
Delta R.T. -0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion:	75	Resp:	63344
Ion	Ratio	Lower	Upper
75	100		
77	37.5	18.9	56.5





#77

Bromobenzene

Concen: 20.14 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

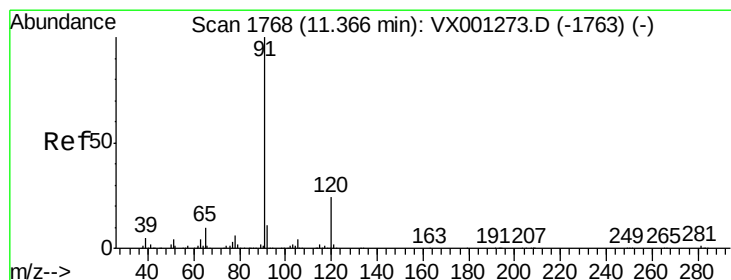
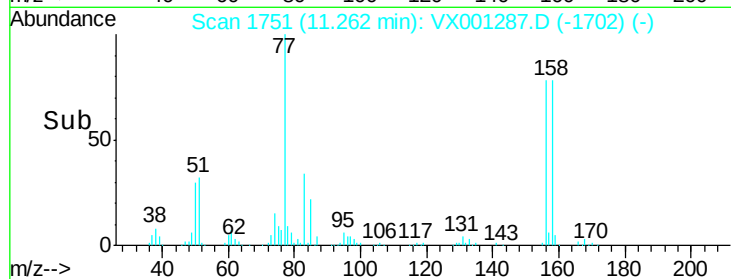
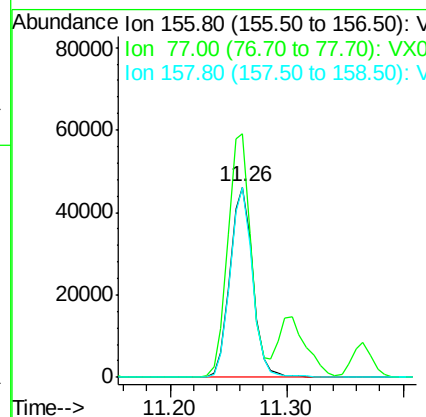
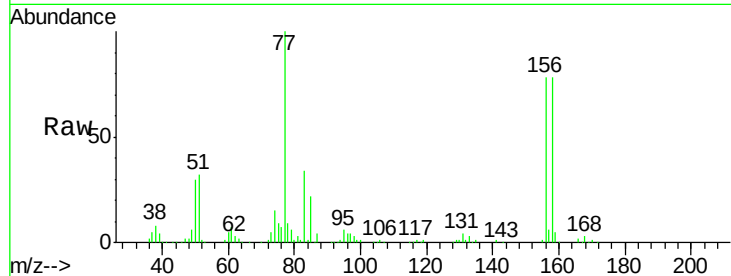
ClientSampleId :

VX0501WBSD02

Tot Ion:	156	Resp:	62774
Ion Ratio	Lower	Upper	
156	100		
77	130.6	65.3	195.8
158	97.5	48.5	145.5

Manual Integrations
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#78

n-propylbenzene

Concen: 20.13 ug/l

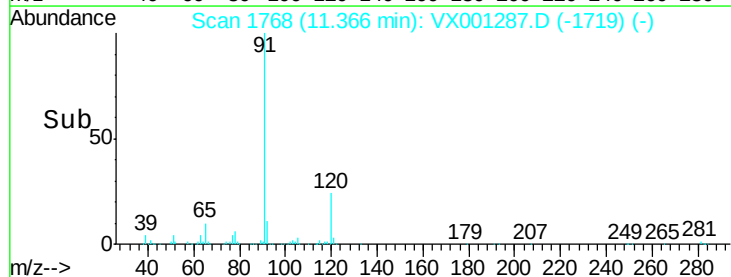
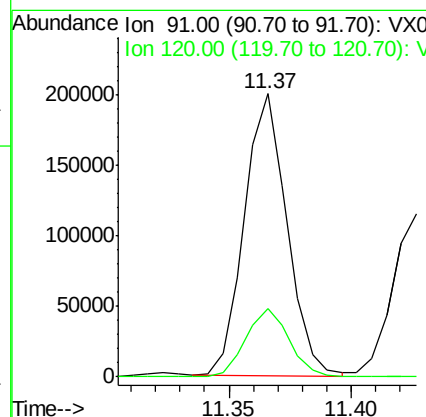
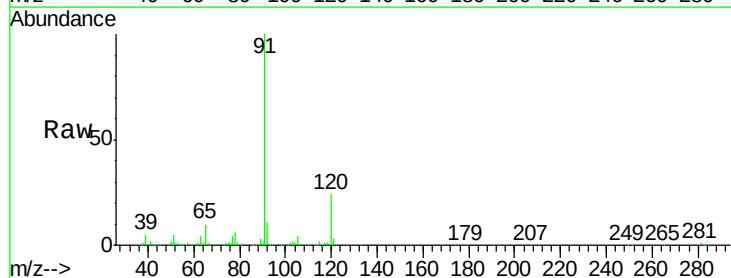
RT: 11.37 min Scan# 1768

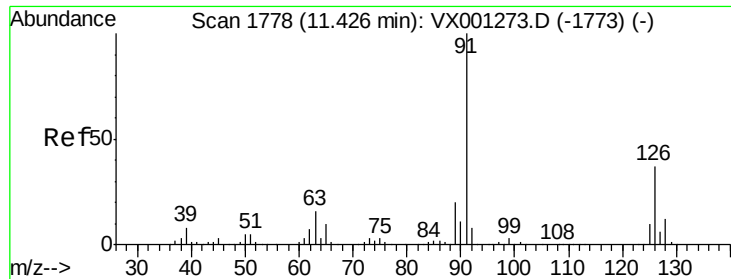
Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion:	91	Resp:	241747
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.3	36.8





#79

2-Chlorotoluene

Concen: 20.18 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

Tot Ion: 91 Resp: 146192

Ion Ratio Lower Upper

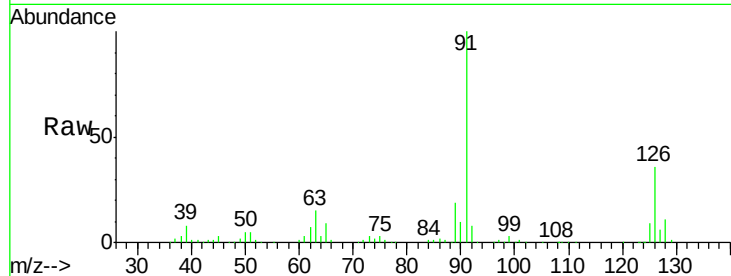
91 100

126 36.6 18.4 55.4

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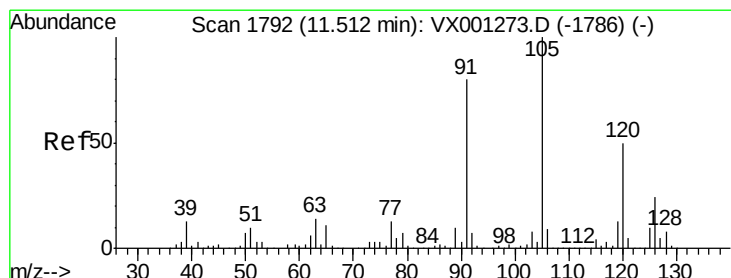
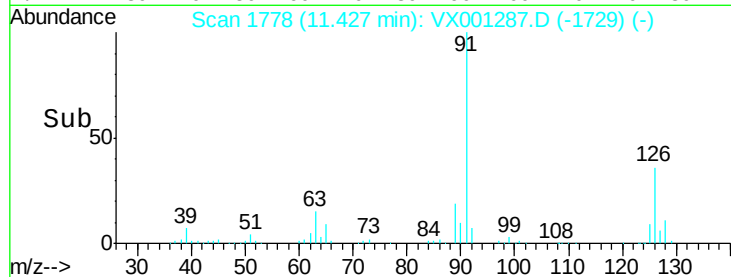
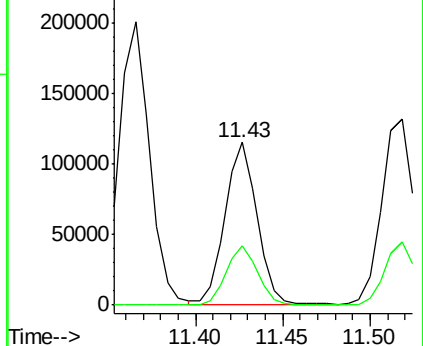
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.27 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001287.D

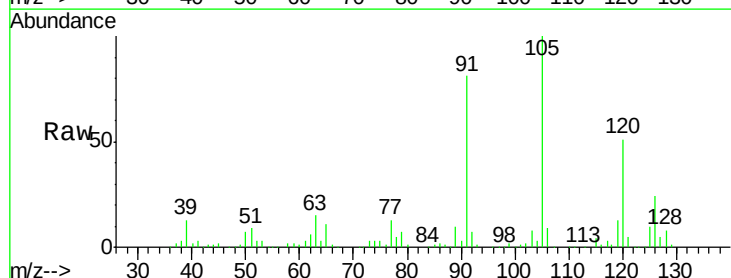
Acq: 01 May 2018 20:19

Tgt Ion:105 Resp: 183928

Ion Ratio Lower Upper

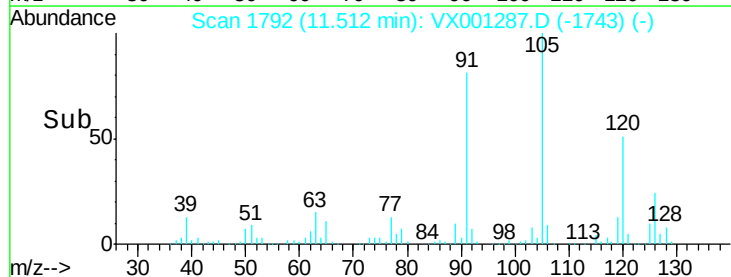
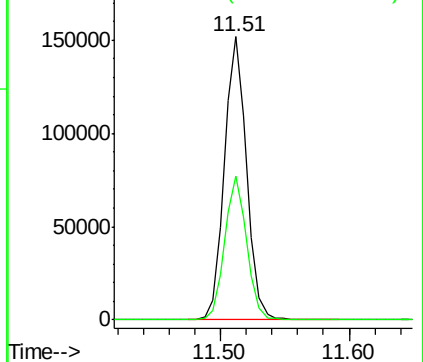
105 100

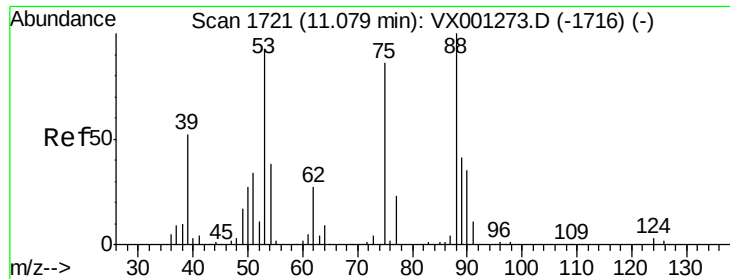
120 50.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.74 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

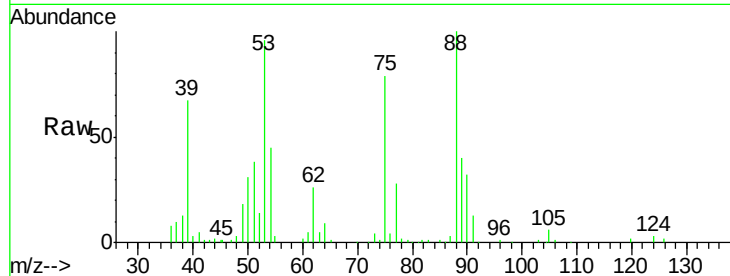
ClientSampleId :

VX0501WBSD02

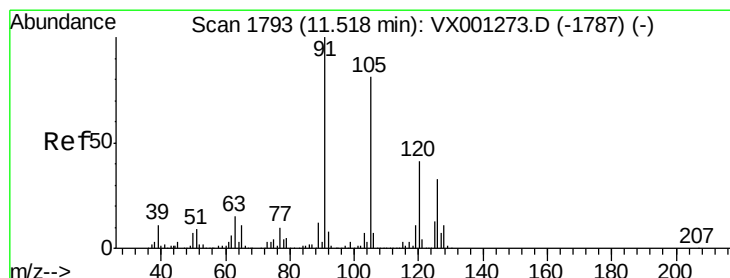
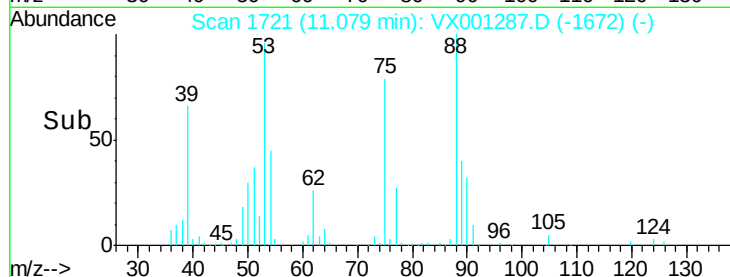
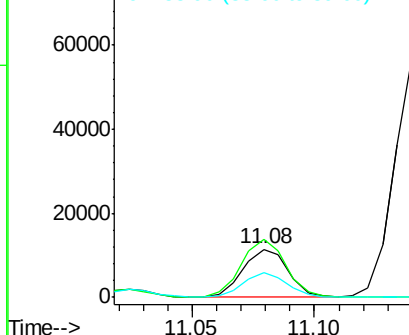
Tot Ion:	75	Resp:	14512
Ion Ratio	Lower	Upper	
75	100		
53	121.0	87.1	130.7
89	50.9	38.9	58.3

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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.82 ug/l

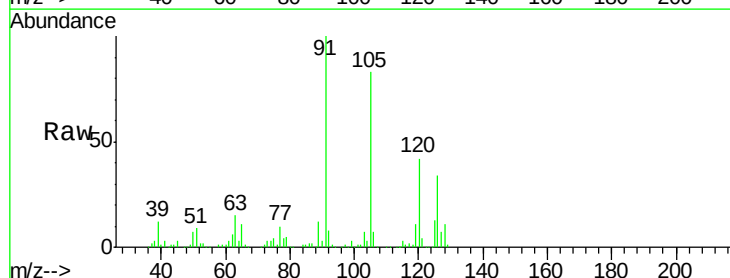
RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

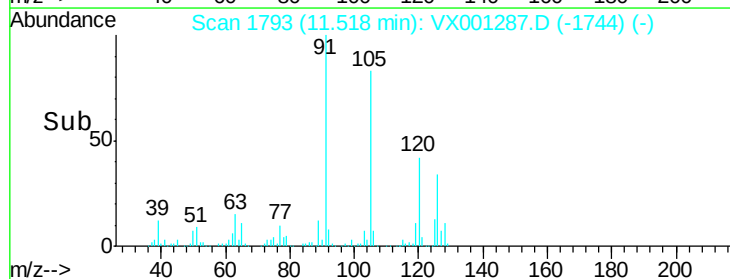
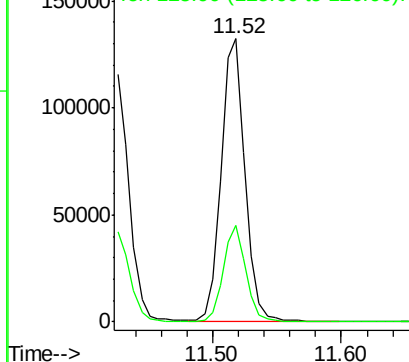
Lab File: VX001287.D

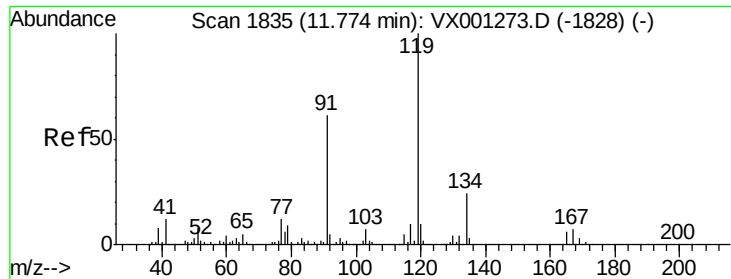
Acq: 01 May 2018 20:19

Tgt Ion:	91	Resp:	172749
Ion Ratio	Lower	Upper	
91	100		
126	32.1	16.1	48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





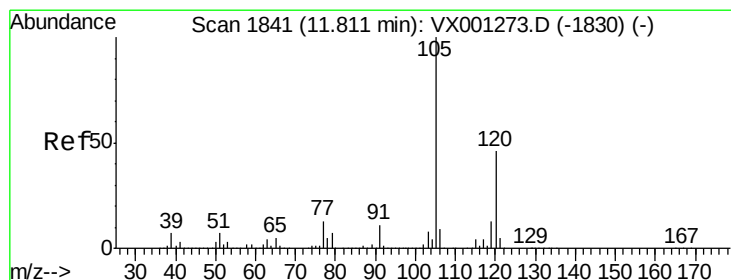
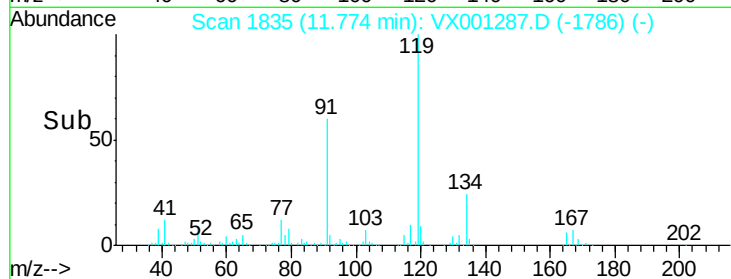
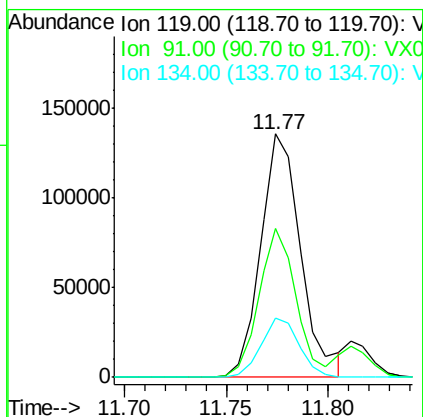
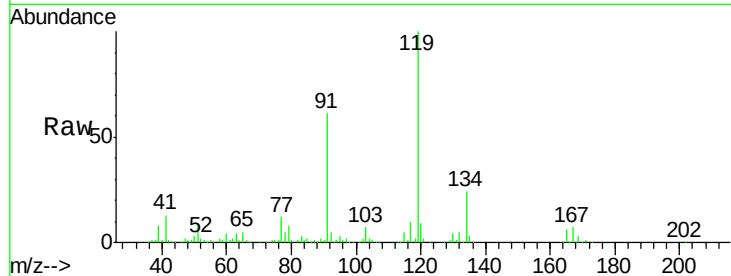
#83
 tert-Butylbenzene
 Concen: 20.46 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	185115		
91	56.5	28.1	84.3	
134	23.3	11.8	35.3	

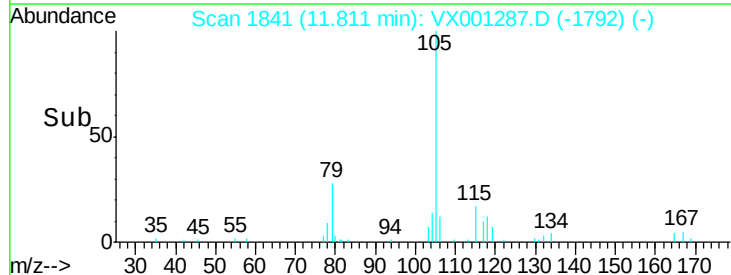
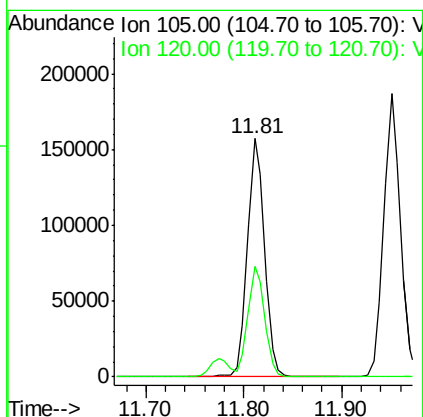
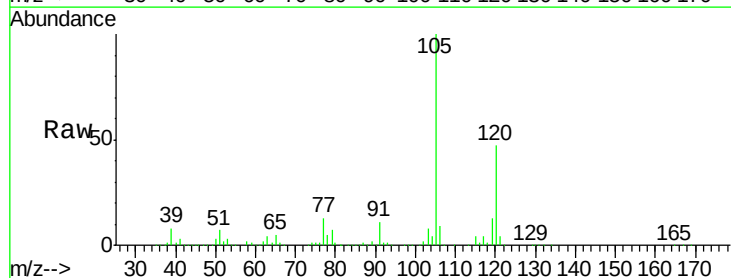
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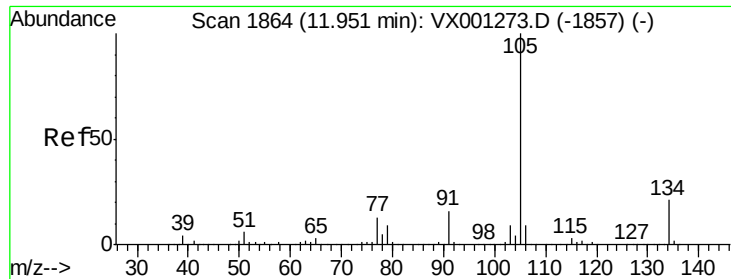
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.65 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	191978		
120	45.3	22.7	68.1	





#85

sec-Butylbenzene

Concen: 20.49 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

Tot Ion:105 Resp: 221832

Ion Ratio Lower Upper

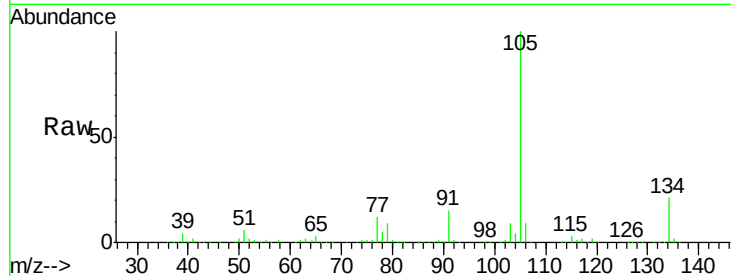
105 100

134 21.5 10.7 31.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

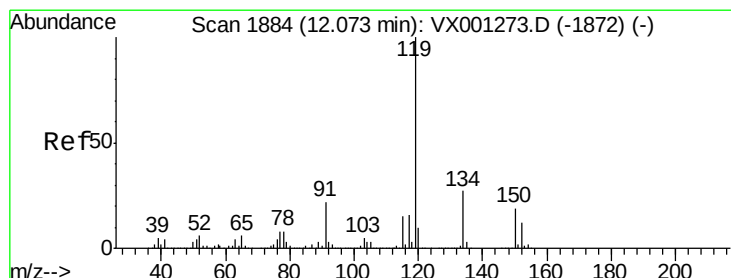
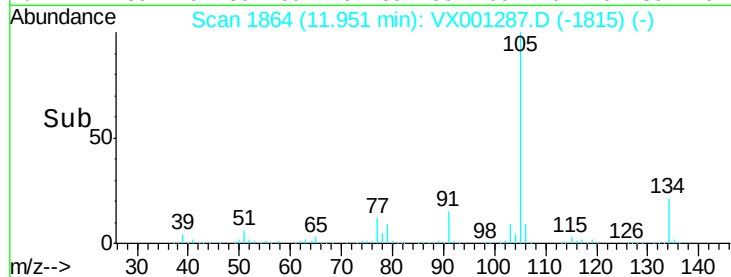
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.39 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

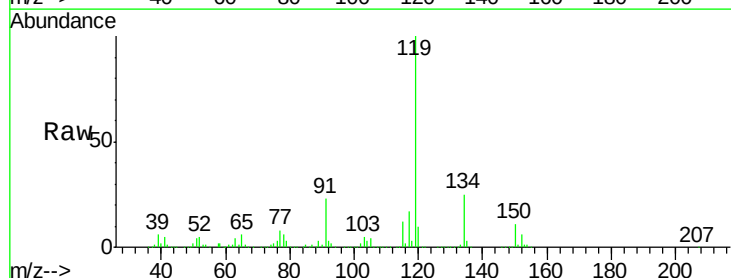
Tgt Ion:119 Resp: 202448

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 23.1 11.7 35.1



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

200000

150000

100000

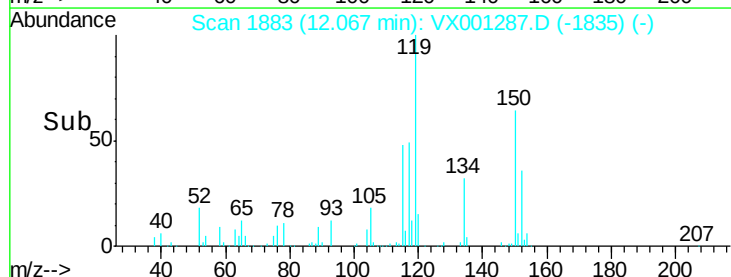
50000

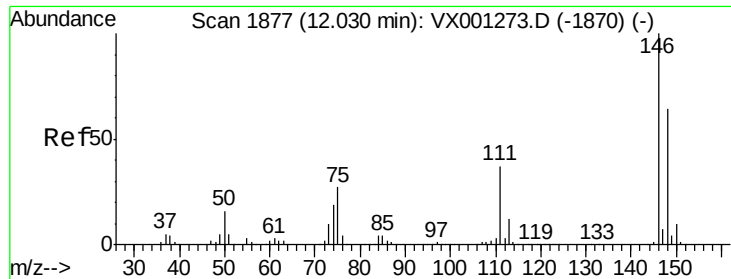
0

12.00

12.10

Time-->





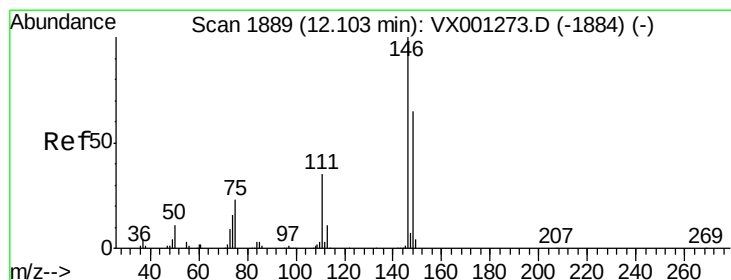
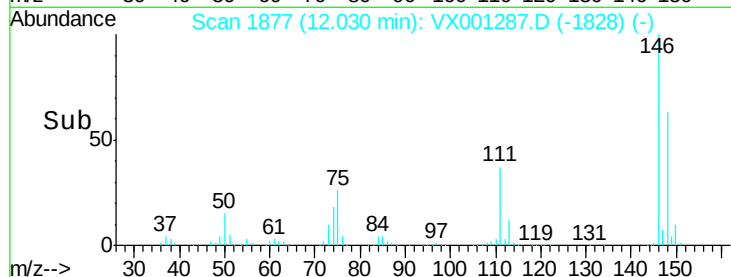
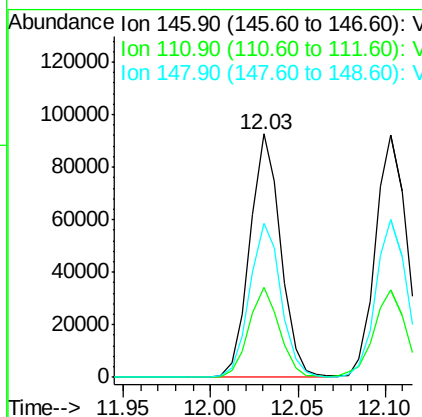
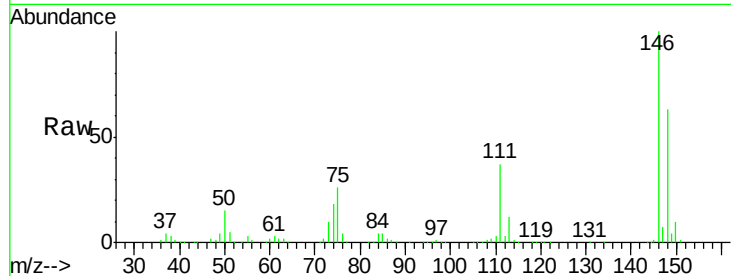
#87
 1,3-Dichlorobenzene
 Concen: 19.59 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.2
148	64.2	32.2	96.6

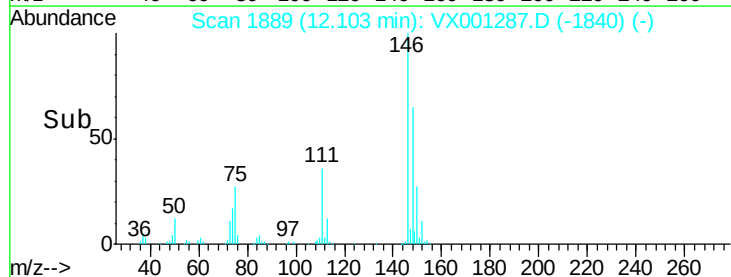
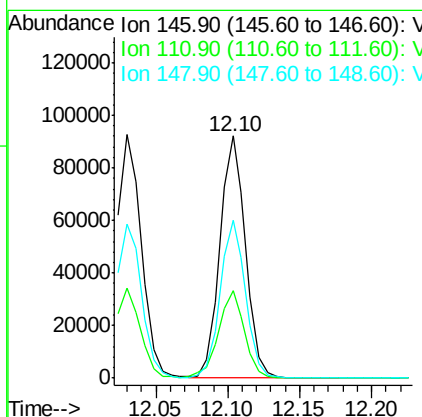
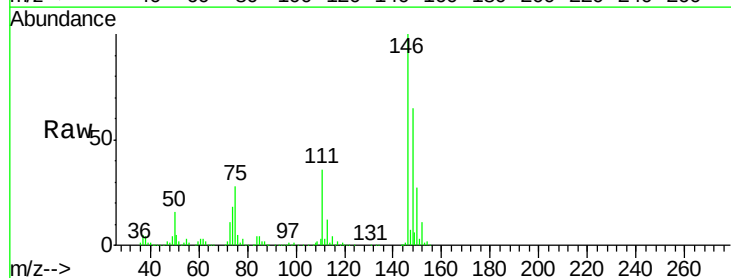
Manual Integrations
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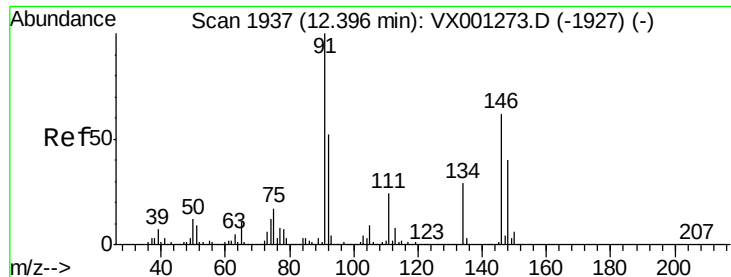
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#88
 1,4-Dichlorobenzene
 Concen: 19.19 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.9	53.7
148	64.8	32.3	96.8





#89

n-Butylbenzene

Concen: 19.48 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

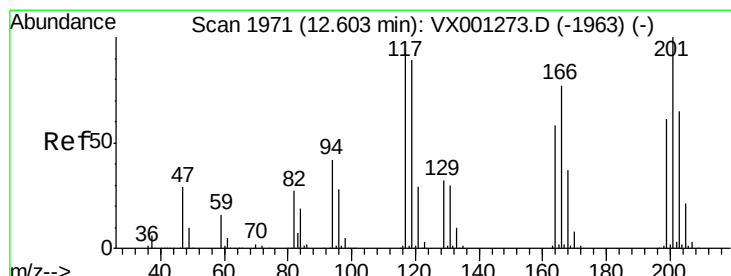
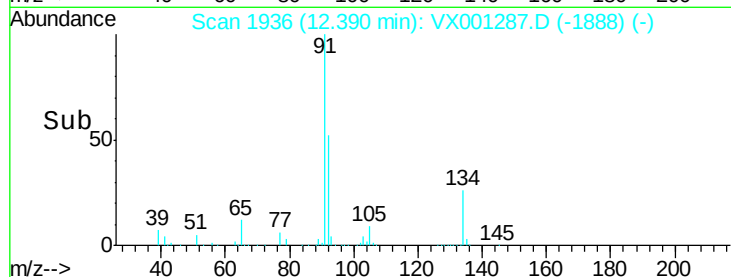
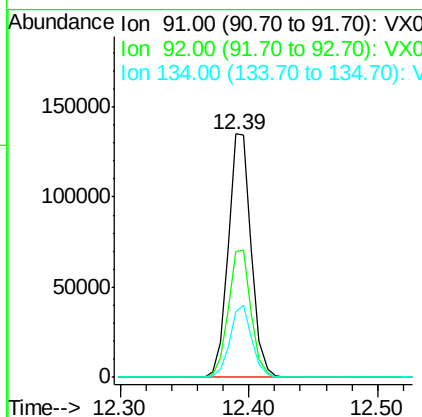
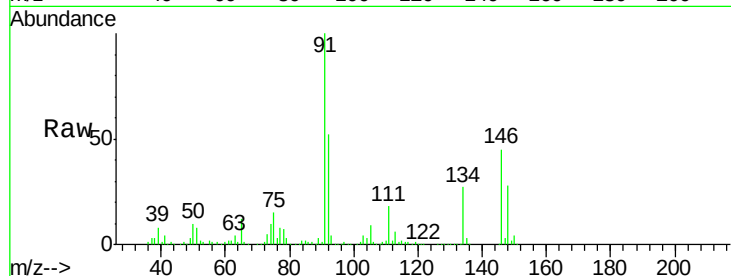
ClientSampleId :

VX0501WBSD02

Tot Ion:	91	Resp:	168843
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.2	78.5
134	28.1	14.0	42.0

Manual Integrations
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#90

Hexachloroethane

Concen: 19.30 ug/l

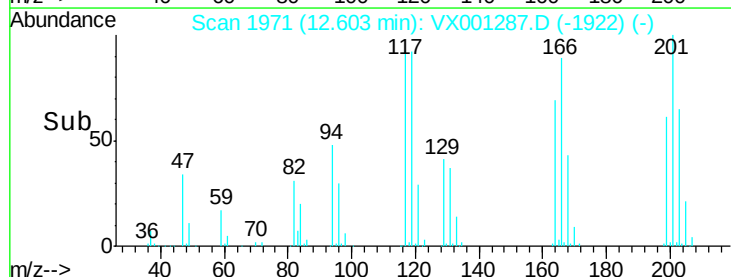
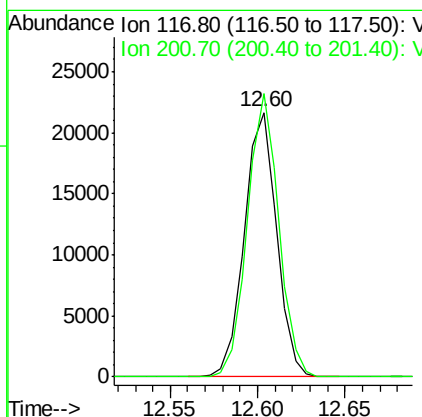
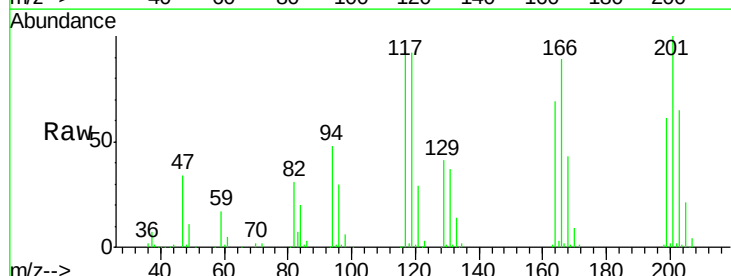
RT: 12.60 min Scan# 1971

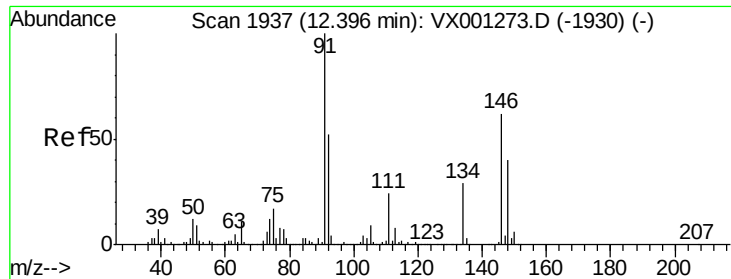
Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion:	117	Resp:	27751
Ion	Ratio	Lower	Upper
117	100		
201	104.1	51.6	154.8





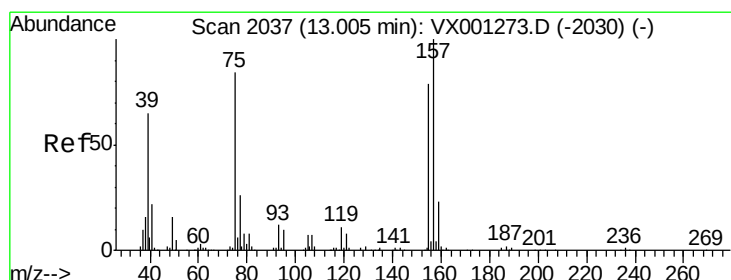
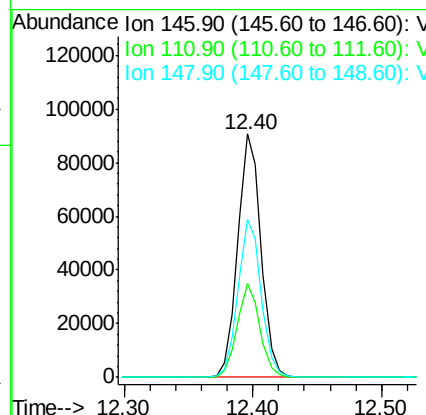
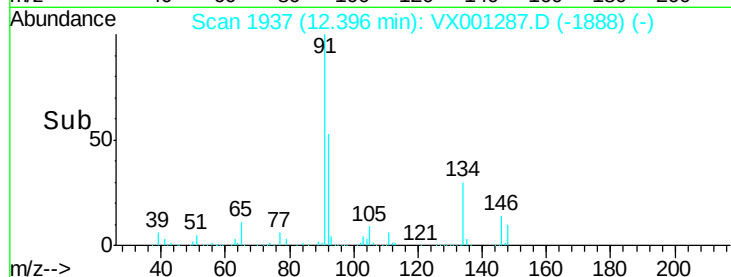
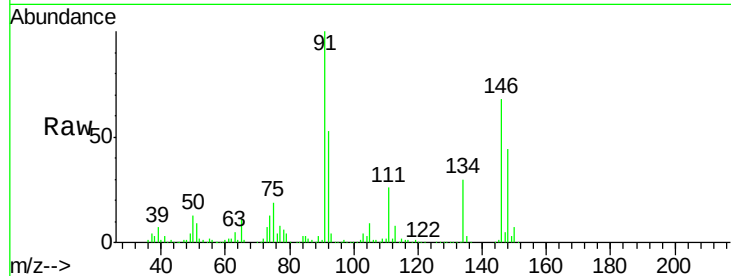
#91
 1,2-Dichlorobenzene
 Concen: 19.78 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	114556		
111	37.5	18.9	56.5	
148	64.5	32.4	97.0	

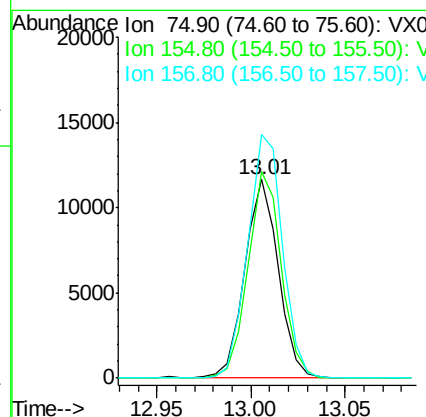
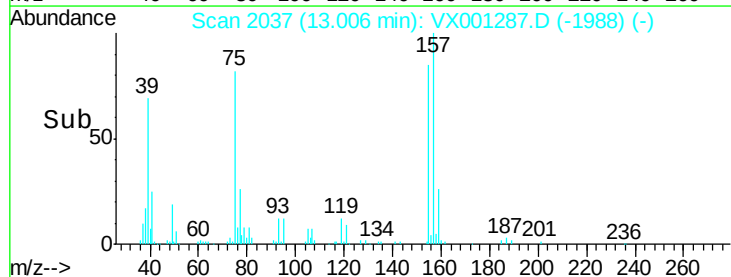
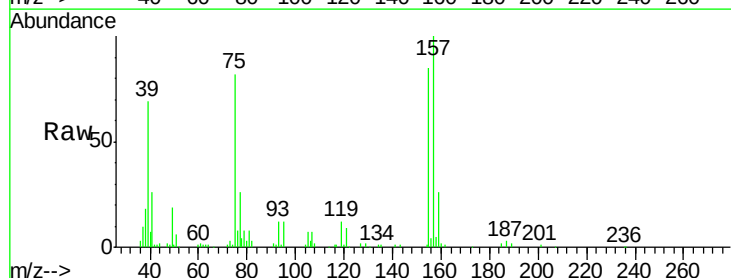
Manual Integrations
 APPROVED

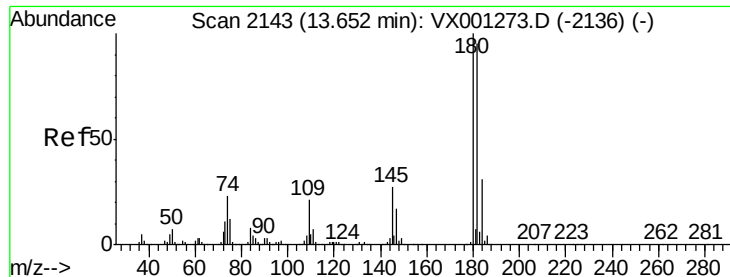
MMDadoda
 5/2/2018 4:20:57 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.96 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	14366		
155	102.8	49.9	149.7	
157	127.2	63.7	191.1	





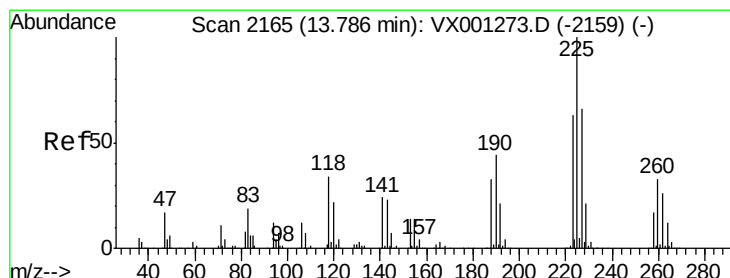
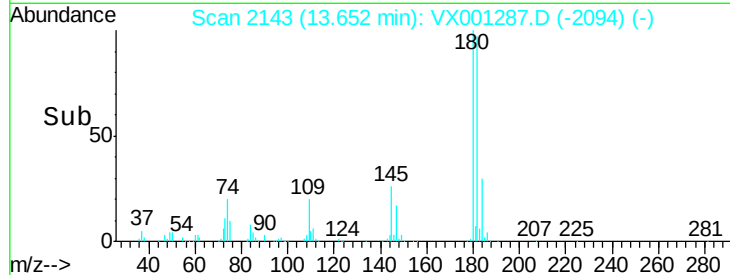
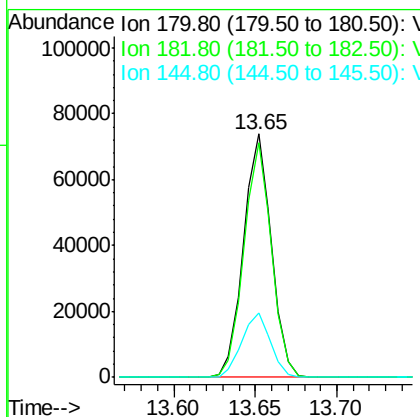
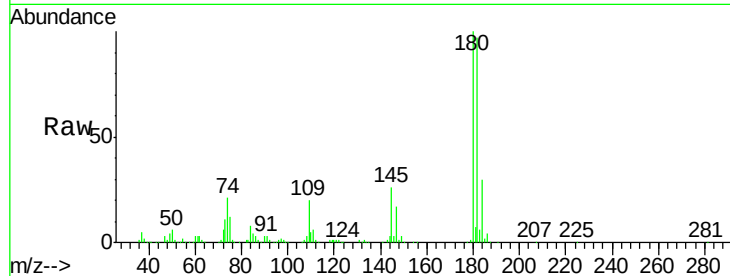
#93
 1,2,4-Trichlorobenzene
 Concen: 18.86 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	47.3	141.9	
145	27.3	13.5	40.4	

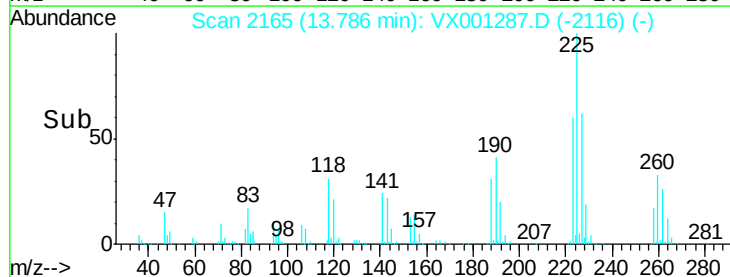
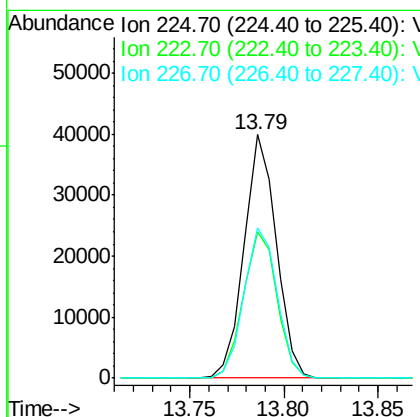
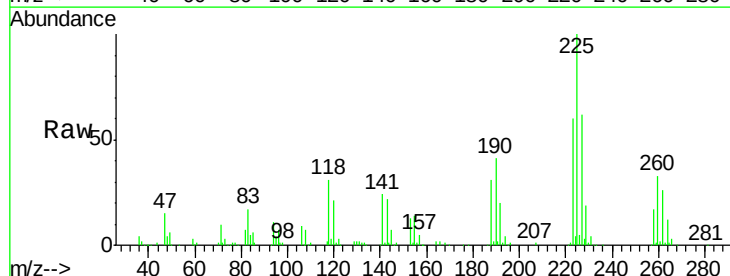
Manual Integrations
 APPROVED

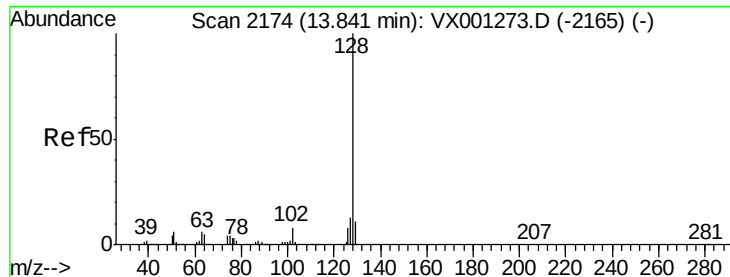
MMDadoda
 5/2/2018 4:20:57 PM



#94
 Hexachlorobutadiene
 Concen: 19.48 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	31.4	94.0	
227	63.7	32.5	97.5	





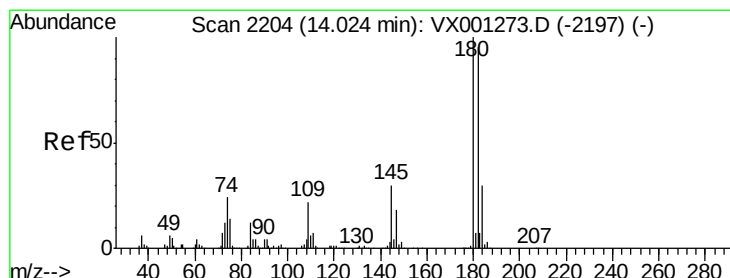
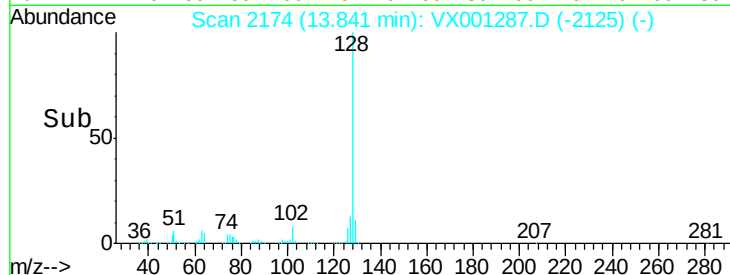
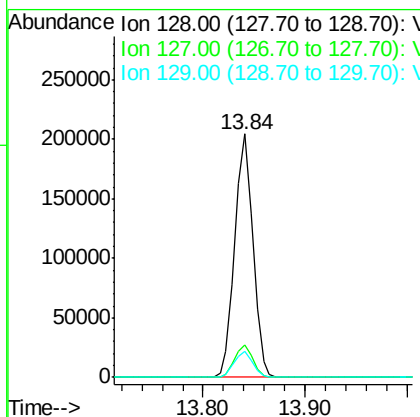
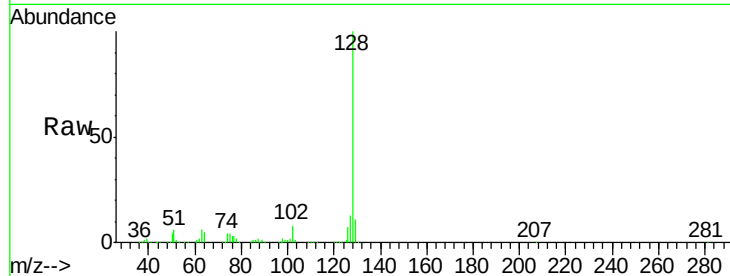
#95
Naphthalene
Concen: 21.13 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	249676		
127	13.2		10.5	15.7
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.71 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90121		
182	95.4		48.1	144.3
145	29.0		14.4	43.4

