

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032818\
 Data File : VX000483.D
 Acq On : 28 Mar 2018 12:53
 Operator : JC/MD
 Sample : VX0328WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/29/2018 11:19:41 AM

Quant Time: Mar 29 04:25:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	136465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	216952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	234197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	135133	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	89866	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	5.51	113	71992	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	8.73	98	294244	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.15	95	116672	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	31618	21.02	ug/l	99
3) Chloromethane	1.32	50	30582	19.30	ug/l	97
4) Vinyl Chloride	1.40	62	34939	20.87	ug/l	95
5) Bromomethane	1.64	94	27895	13.95	ug/l	97
6) Chloroethane	1.73	64	23104	24.33	ug/l	92
7) Trichlorofluoromethane	1.93	101	59947	19.84	ug/l	98
8) Diethyl Ether	2.19	74	22136	20.50	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34999	20.77	ug/l	97
10) Methyl Iodide	2.51	142	20844	15.69	ug/l	99
11) Tert butyl alcohol	3.06	59	63810	104.14	ug/l	99
12) 1,1-Dichloroethene	2.38	96	29720	20.09	ug/l	94
13) Acrolein	2.29	56	18952	105.80	ug/l	99
14) Allyl chloride	2.73	41	57071	21.79	ug/l	98
15) Acrylonitrile	3.15	53	129717	104.52	ug/l	99
16) Acetone	2.45	43	159684	107.76	ug/l	99
17) Carbon Disulfide	2.57	76	81062	20.61	ug/l	99
18) Methyl Acetate	2.78	43	65352	21.04	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	116087	21.22	ug/l	98
20) Methylene Chloride	2.86	84	35353	20.66	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32833	19.90	ug/l	95
22) Diisopropyl ether	3.88	45	111358	24.08	ug/l	97
23) Vinyl Acetate	3.83	43	542245	123.70	ug/l	99
24) 1,1-Dichloroethane	3.70	63	62198	21.39	ug/l	99
25) 2-Butanone	4.71	43	171254	102.82	ug/l	99
26) 2,2-Dichloropropane	4.59	77	40465	19.86	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	30855	20.01	ug/l	98
28) Bromochloromethane	5.03	49	22326	18.62	ug/l	99
29) Tetrahydrofuran	5.17	42	102955	100.46	ug/l	98
30) Chloroform	5.23	83	55839	20.49	ug/l	95
31) Cyclohexane	5.59	56	44333	19.73	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	47491	19.32	ug/l	99
36) 1,1-Dichloropropene	5.81	75	40856	20.10	ug/l	99
37) Ethyl Acetate	4.87	43	56482	20.35	ug/l	99
38) Carbon Tetrachloride	5.79	117	41507	19.47	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	51080	20.67	ug/l	91
40) Benzene	6.15	78	122102	20.69	ug/l	100
41) Methacrylonitrile	5.07	41	29932	20.45	ug/l	98
42) 1,2-Dichloroethane	6.21	62	48853	21.10	ug/l	99
43) Isopropyl Acetate	6.48	43	86459	20.92	ug/l	98
44) Trichloroethene	7.22	130	33738	19.95	ug/l	100
45) 1,2-Dichloropropane	7.52	63	32909	21.79	ug/l	100
46) Dibromomethane	7.67	93	24702	20.83	ug/l	95
47) Bromodichloromethane	7.91	83	44999	21.57	ug/l	93
48) Methyl methacrylate	7.79	41	42835	21.35	ug/l	98
49) 1,4-Dioxane	7.76	88	17458	414.01	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	353912	110.65	ug/l	97
52) Toluene	8.79	92	89076	21.59	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	52547	21.74	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	52231	22.27	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	38293	22.57	ug/l	98
56) Ethyl methacrylate	9.19	69	56890	22.13	ug/l	99
57) 1,3-Dichloropropane	9.38	76	62167	22.91	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	132640	107.50	ug/l	98
59) 2-Hexanone	9.51	43	299971	110.45	ug/l	97
60) Dibromochloromethane	9.59	129	39172	22.02	ug/l	99
61) 1,2-Dibromoethane	9.68	107	42004	23.09	ug/l	98
64) Tetrachloroethene	9.34	164	37171	20.45	ug/l	92
65) Chlorobenzene	10.15	112	105972	20.33	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	36161	20.43	ug/l	98
67) Ethyl Benzene	10.26	91	181396	20.53	ug/l	99
68) m/p-Xylenes	10.37	106	142510	40.99	ug/l	99
69) o-Xylene	10.71	106	69364	20.61	ug/l	98
70) Styrene	10.72	104	112179	20.14	ug/l	99
71) Bromoform	10.87	173	30536	19.75	ug/l #	98
73) Isopropylbenzene	11.02	105	189742	21.19	ug/l	97
74) N-amyl acetate	6.48	43	86459	20.19	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	68528	21.64	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	61463m	21.16	ug/l	
77) Bromobenzene	11.26	156	48041	20.14	ug/l	99
78) n-propylbenzene	11.37	91	221327	20.73	ug/l	100
79) 2-Chlorotoluene	11.43	91	125844	20.40	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	156755	20.82	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17921	19.98	ug/l	92
82) 4-Chlorotoluene	11.52	91	151413	20.56	ug/l	98
83) tert-Butylbenzene	11.78	119	153373	20.20	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	159837	20.25	ug/l	100
85) sec-Butylbenzene	11.96	105	194772	20.73	ug/l	100
86) p-Isopropyltoluene	12.07	119	172266	20.65	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	89950	19.95	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	94020	19.86	ug/l	98
89) n-Butylbenzene	12.40	91	166016	21.37	ug/l	98
90) Hexachloroethane	12.60	117	26762	20.38	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	91475	20.69	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17694	20.03	ug/l	97

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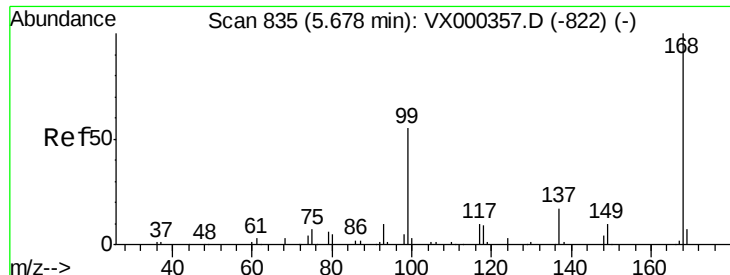
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	67692	21.36	ug/l	100
94) Hexachlorobutadiene	13.79	225	29885	22.77	ug/l	98
95) Naphthalene	13.84	128	234904	21.27	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	69296	22.12	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. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion:168 Resp: 136465

Ion Ratio Lower Upper

168 100

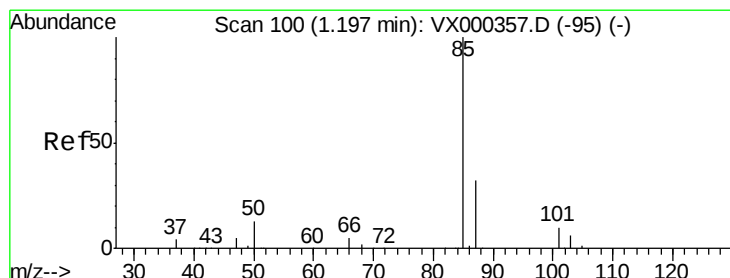
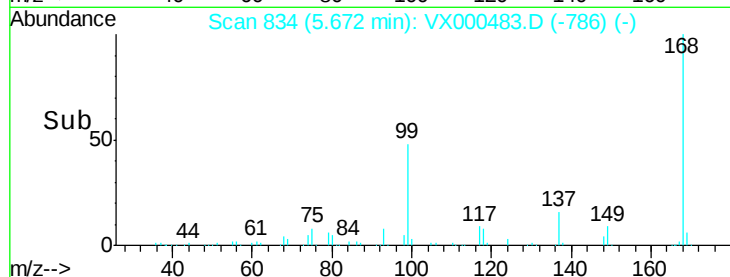
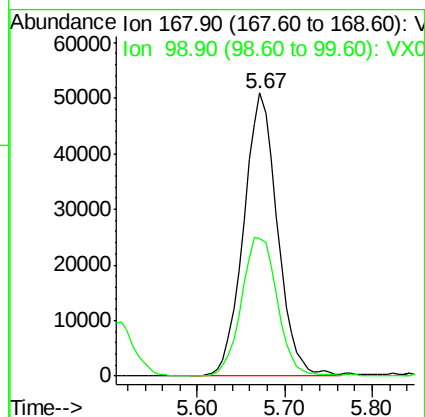
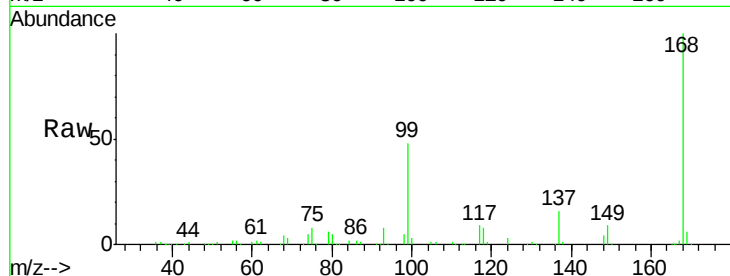
99 48.4 45.8 68.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 21.02 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000483.D

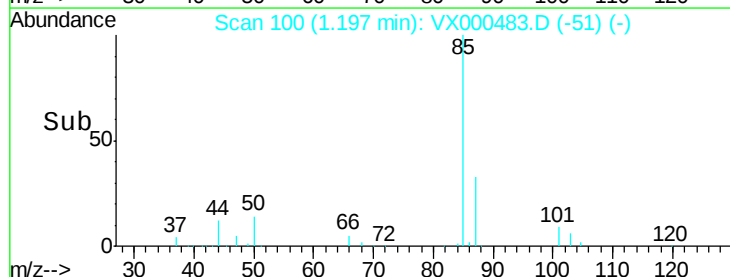
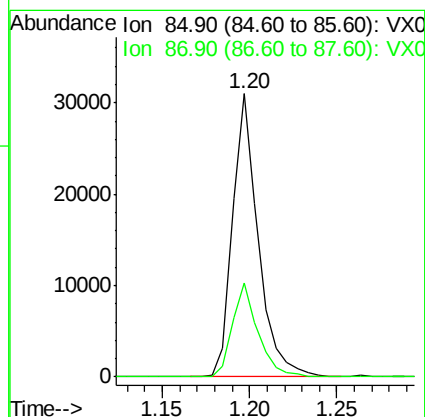
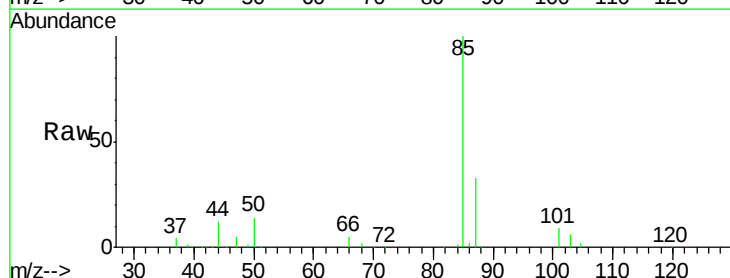
Acq: 28 Mar 2018 12:53

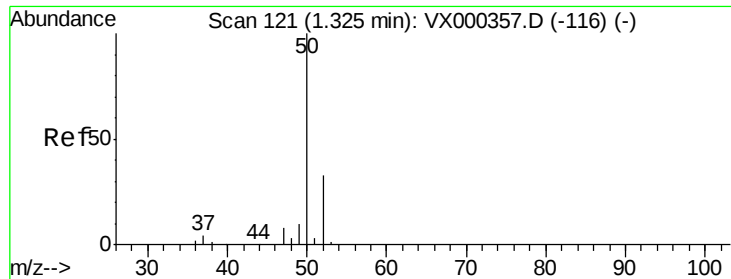
Tgt Ion: 85 Resp: 31618

Ion Ratio Lower Upper

85 100

87 33.1 16.8 50.3





#3

Chloromethane

Concen: 19.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion: 50 Resp: 30582

Ion Ratio Lower Upper

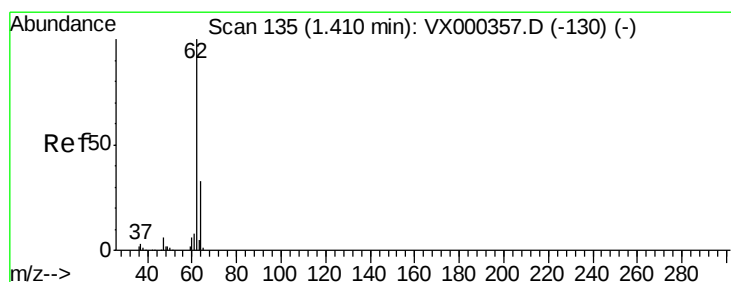
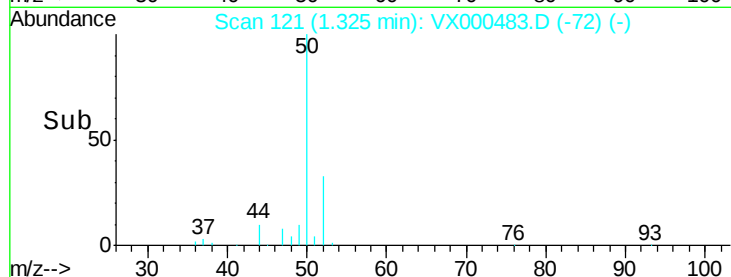
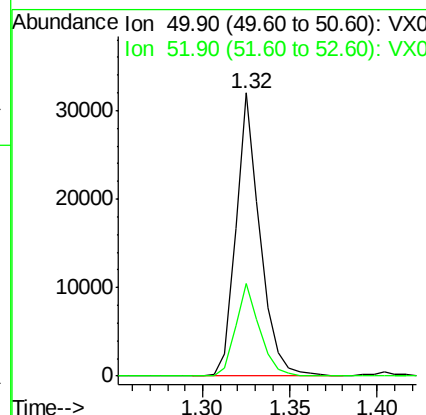
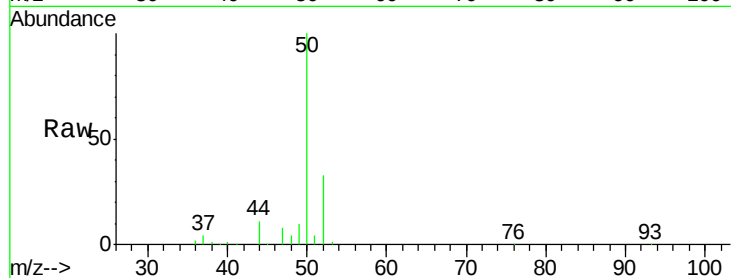
50 100

52 32.8 27.5 41.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.87 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000483.D

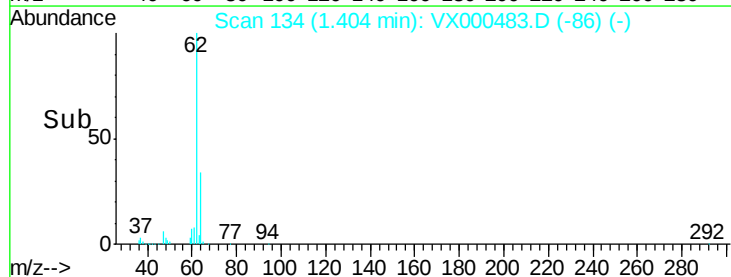
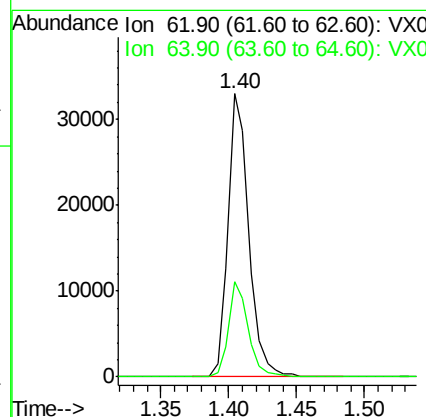
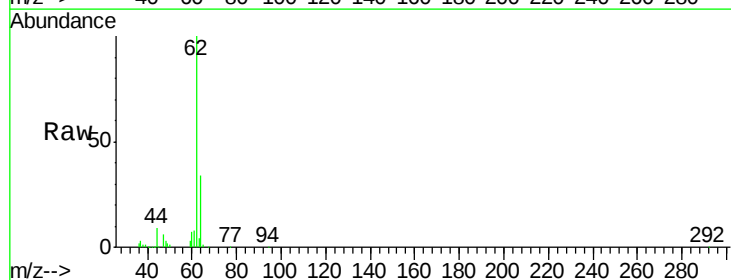
Acq: 28 Mar 2018 12:53

Tgt Ion: 62 Resp: 34939

Ion Ratio Lower Upper

62 100

64 33.6 24.8 37.2





#5

Bromomethane

Concen: 13.95 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion: 94 Resp: 27895

Ion Ratio Lower Upper

94 100

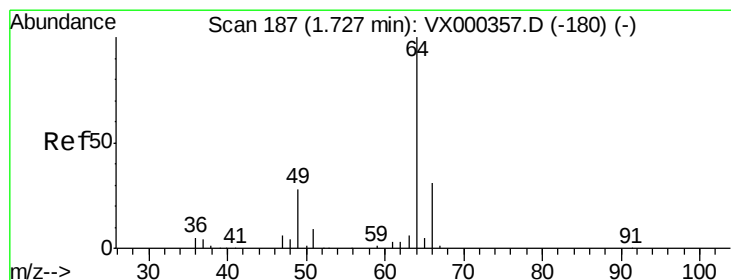
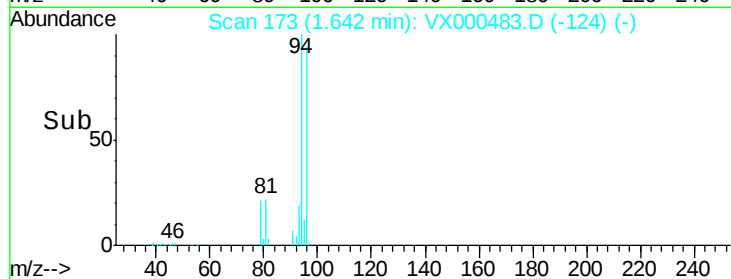
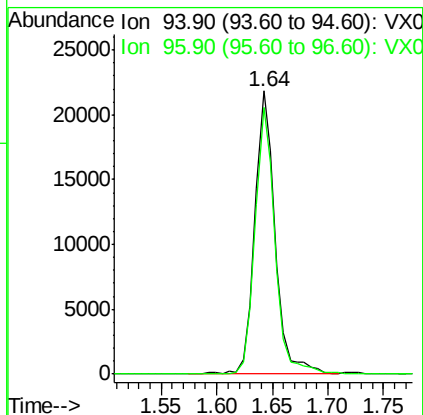
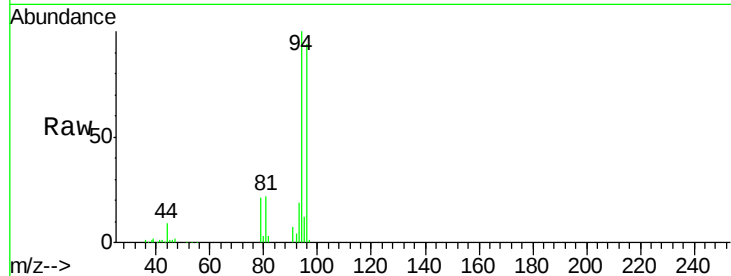
96 94.1 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 24.33 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000483.D

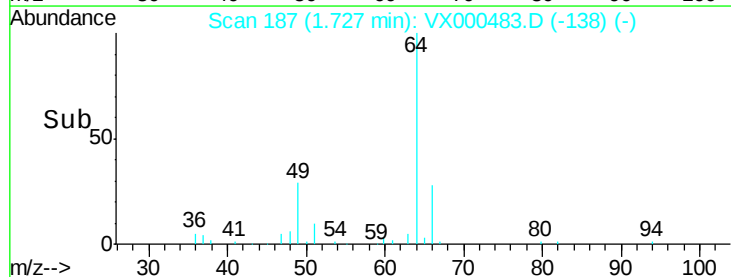
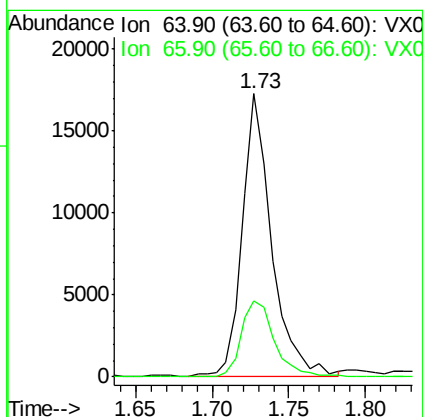
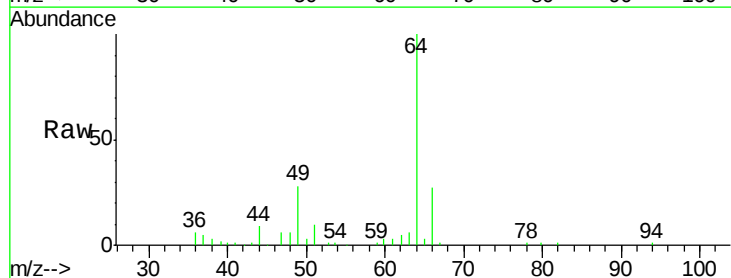
Acq: 28 Mar 2018 12:53

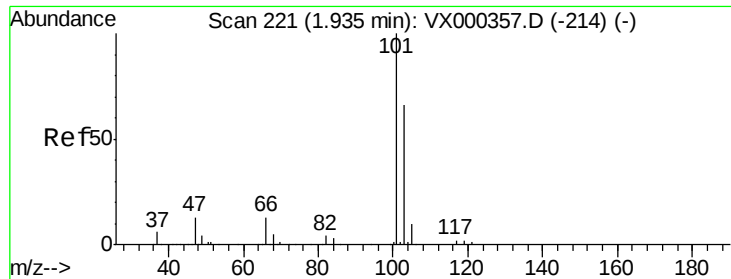
Tgt Ion: 64 Resp: 23104

Ion Ratio Lower Upper

64 100

66 26.7 24.8 37.2





#7

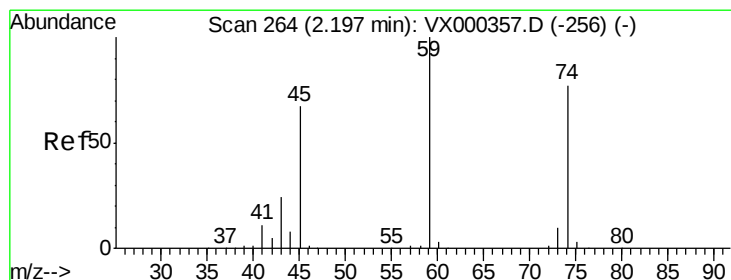
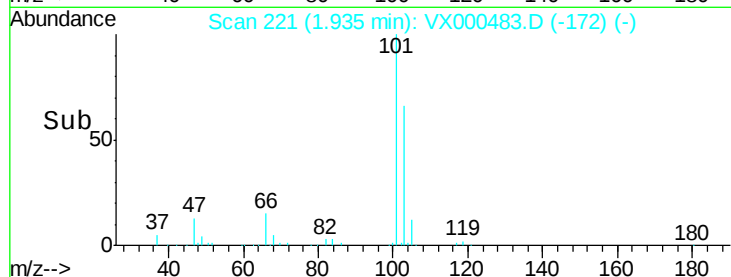
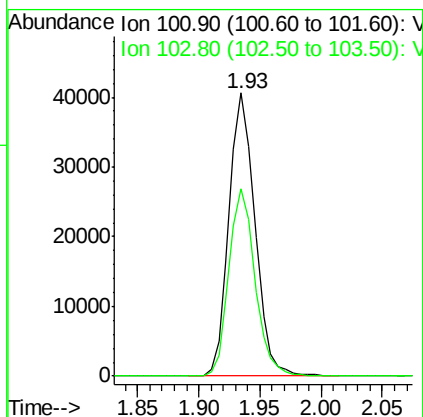
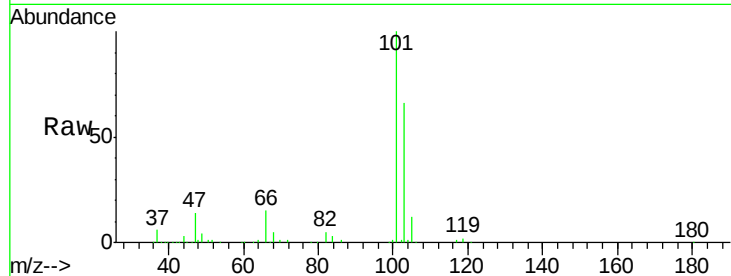
Trichlorofluoromethane
Concen: 19.84 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

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ClientSampleId :
VX0328WBSD01

Tot Ion:101 Resp: 59947
Ion Ratio Lower Upper
101 100
103 66.2 51.6 77.4

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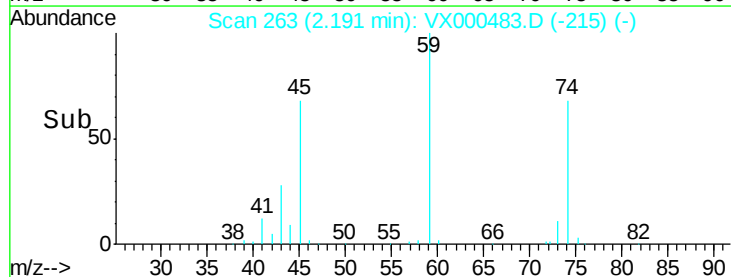
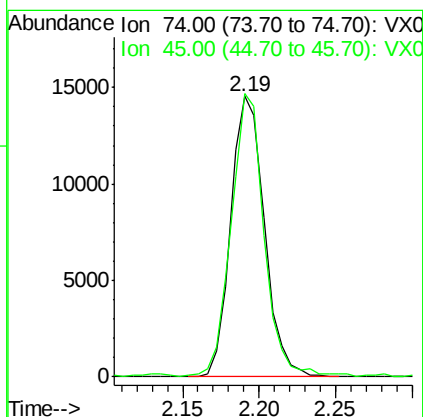
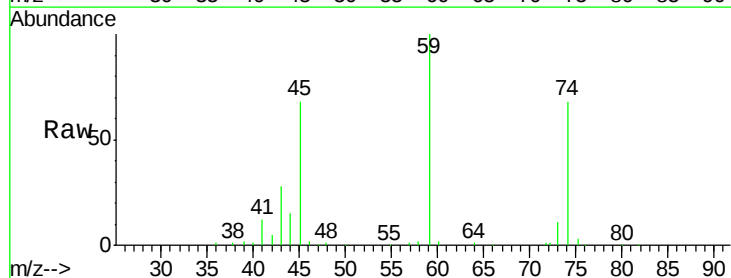
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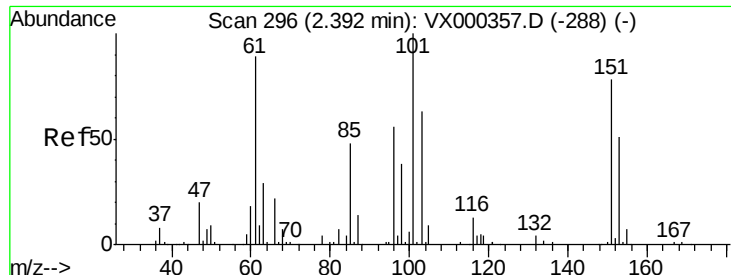


#8

Diethyl Ether
Concen: 20.50 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 74 Resp: 22136
Ion Ratio Lower Upper
74 100
45 99.7 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.77 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

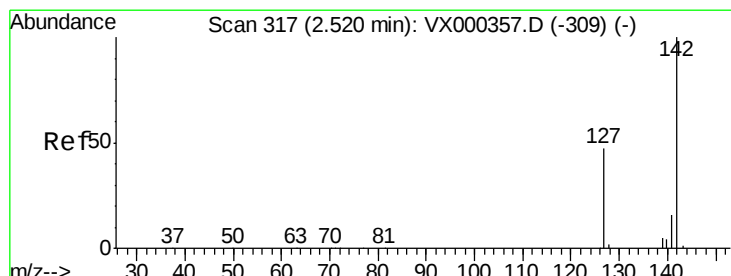
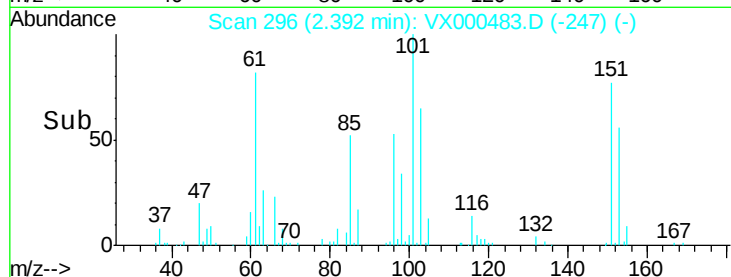
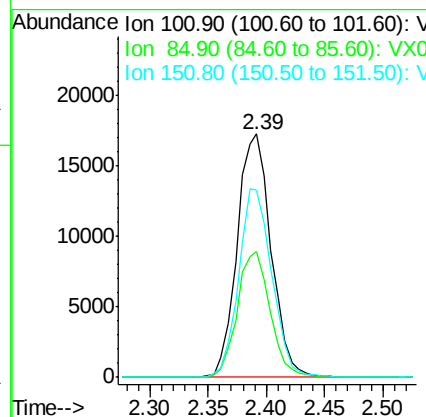
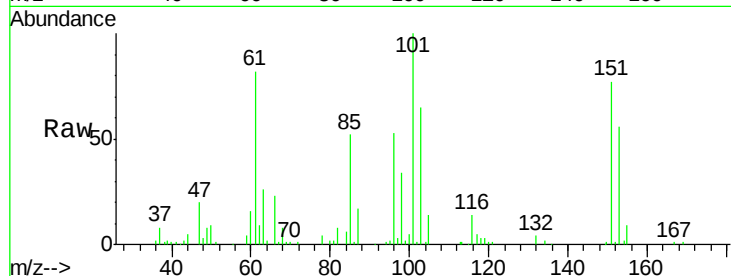
ClientSampleId :

VX0328WBSD01

Tot Ion:	101	Resp:	34999
Ion Ratio	Lower	Upper	
101	100		
85	50.1	37.6	56.4
151	76.1	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 15.69 ug/l

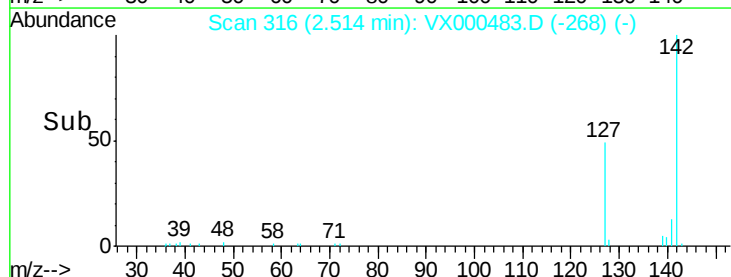
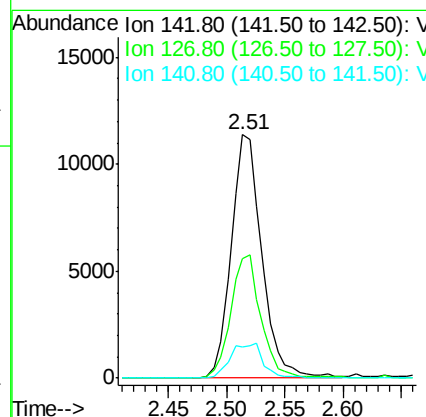
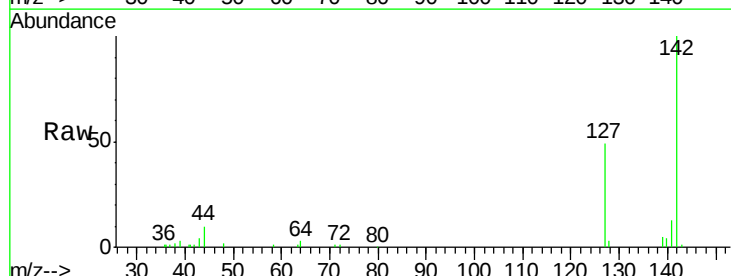
RT: 2.51 min Scan# 316

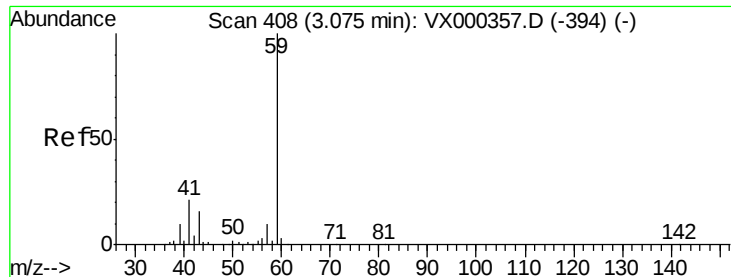
Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Tgt Ion:	142	Resp:	20844
Ion Ratio	Lower	Upper	
142	100		
127	50.0	39.2	58.8
141	15.2	11.7	17.5





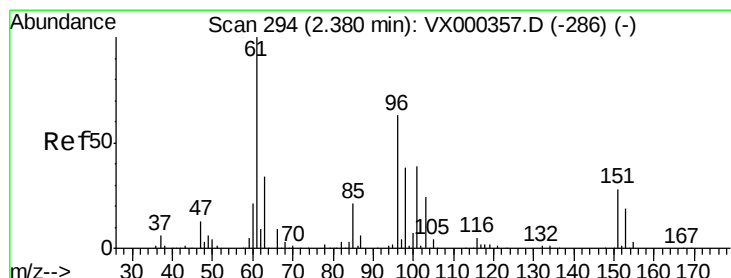
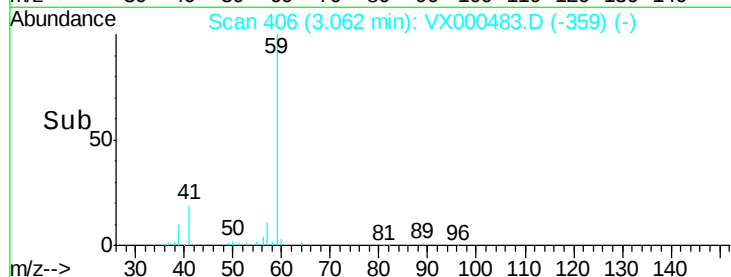
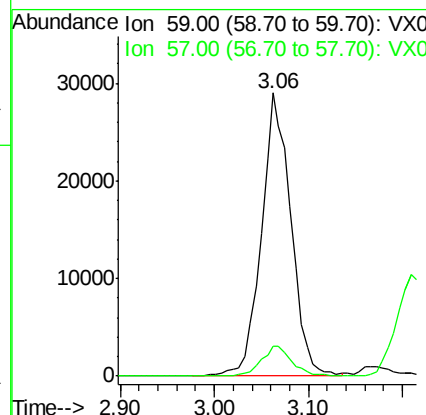
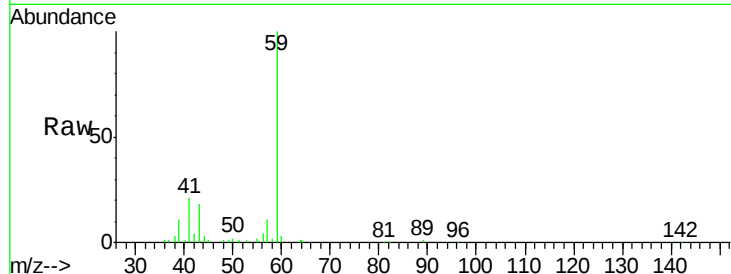
#11
Tert butyl alcohol
Concen: 104.14 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion: 59 Resp: 63810
Ion Ratio Lower Upper
59 100
57 11.0 8.4 12.6

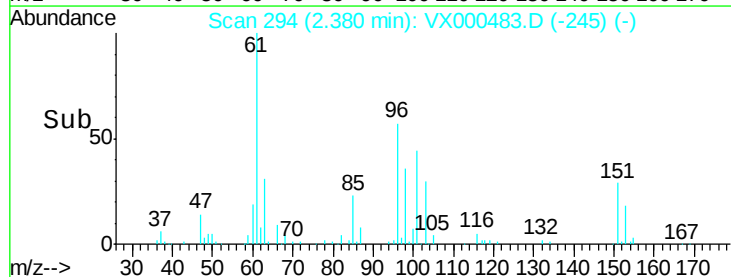
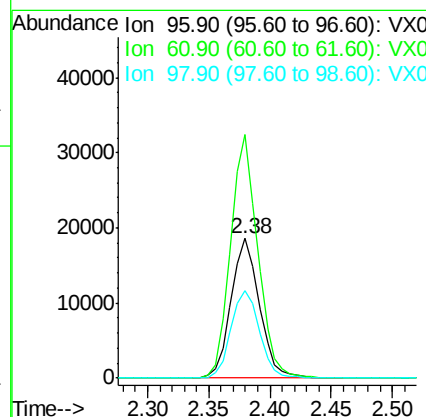
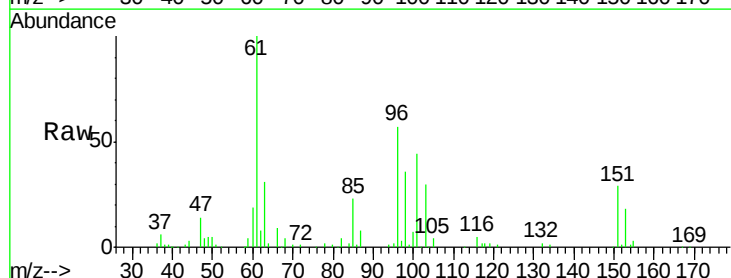
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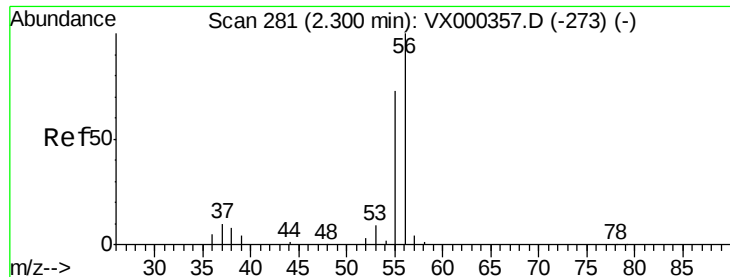
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.09 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 96 Resp: 29720
Ion Ratio Lower Upper
96 100
61 174.8 131.2 196.8
98 62.3 49.8 74.8





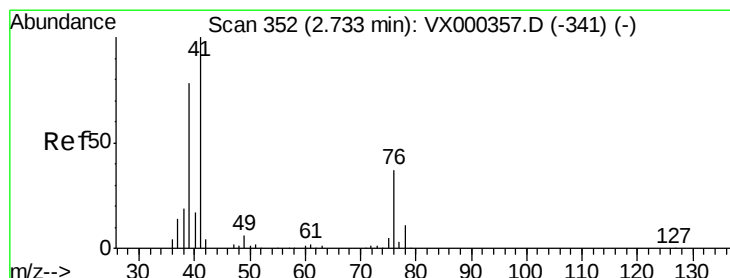
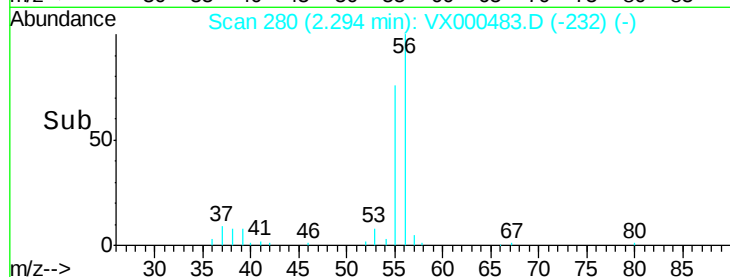
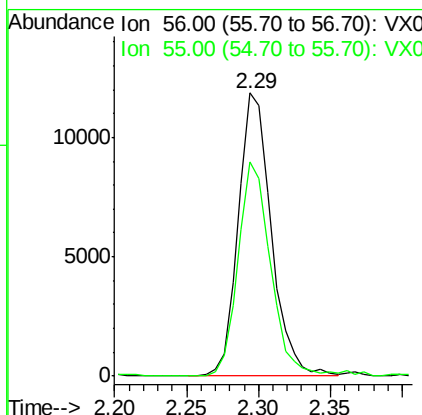
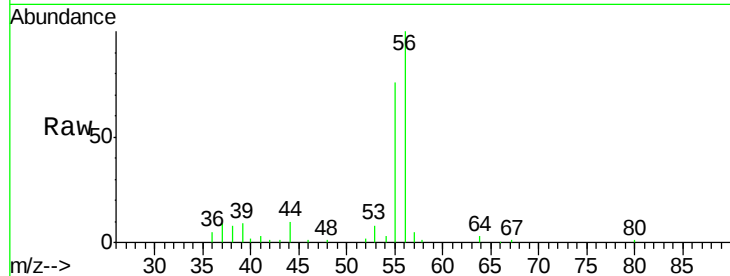
#13
Acrolein
Concen: 105.80 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	56	55	Ratio	100	74.5	Resp	18952	Lower	58.8	Upper	88.2
Ion											

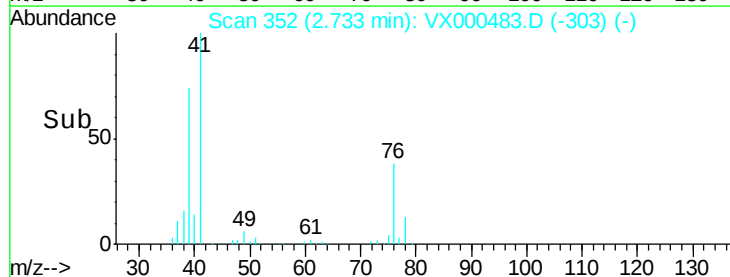
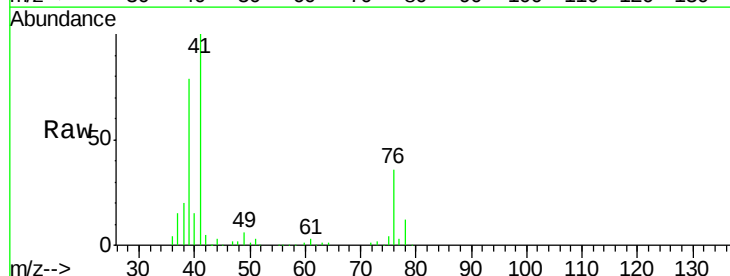
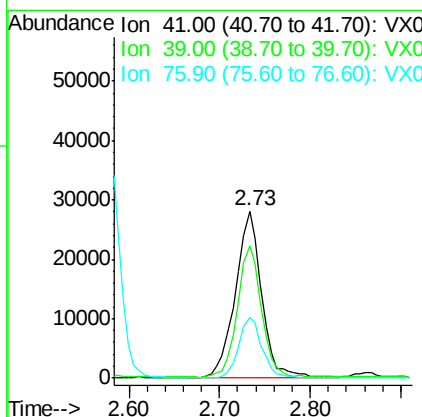
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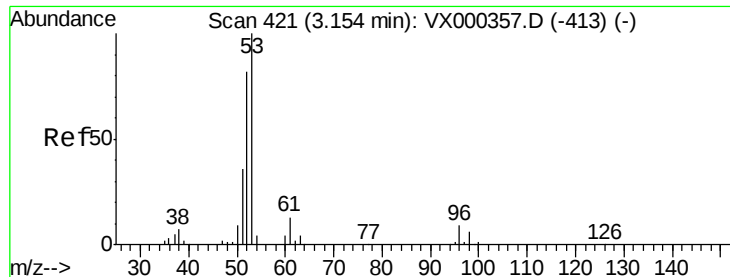
MMDadoda
3/29/2018 11:19:41 AM



#14
Allyl chloride
Concen: 21.79 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion	41	39	76	Ratio	100	71.0	32.2	Resp	57071	Lower	57.6	Upper	86.4	40.9
Ion														





#15

Acrylonitrile

Concen: 104.52 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

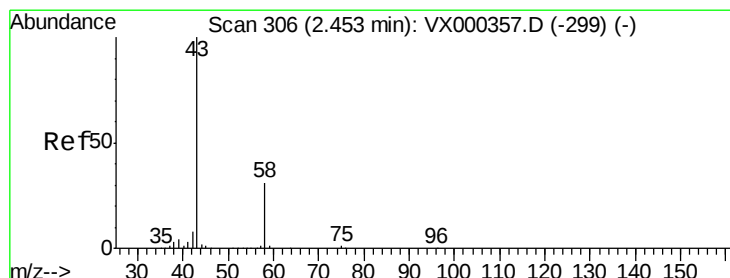
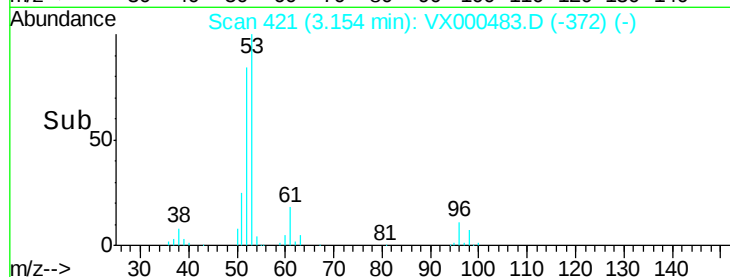
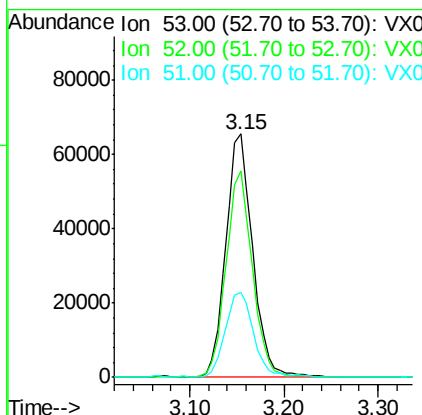
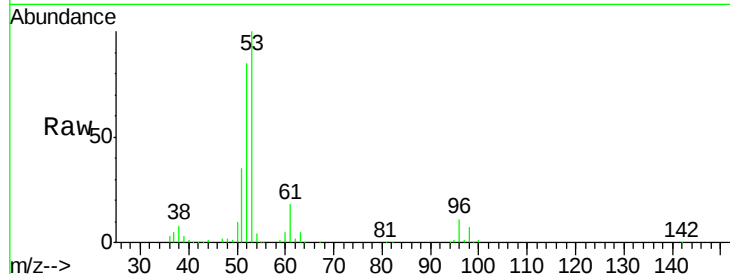
ClientSampleId :

VX0328WBSD01

Tot Ion:	53	Resp:	129717
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.6	99.8
51	37.4	29.3	43.9

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#16

Acetone

Concen: 107.76 ug/l

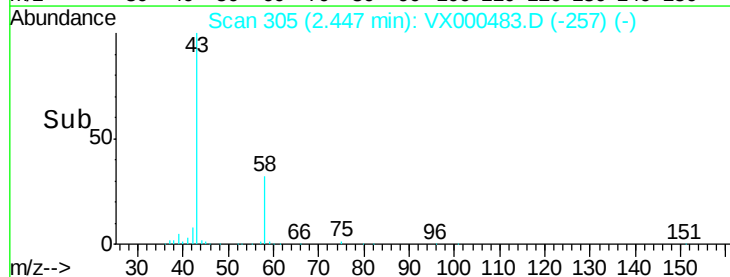
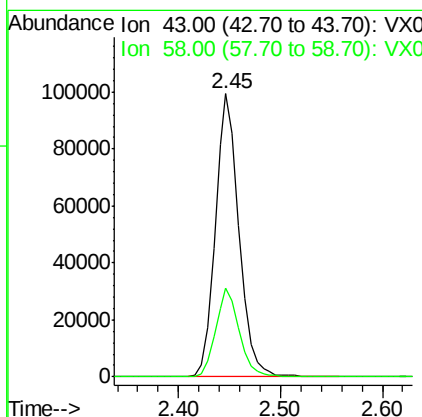
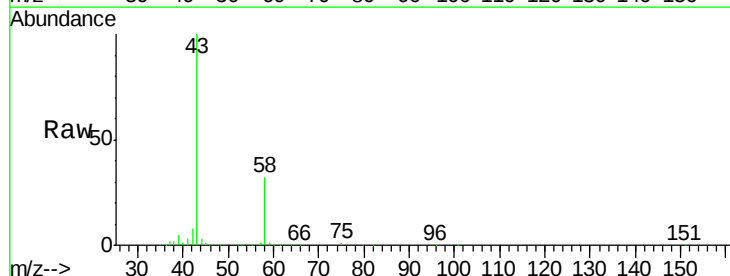
RT: 2.45 min Scan# 305

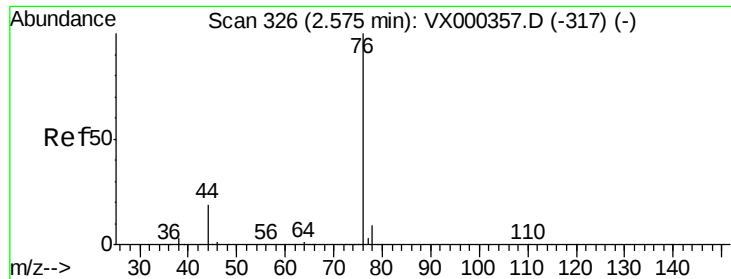
Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Tgt Ion:	43	Resp:	159684
Ion Ratio	Lower	Upper	
43	100		
58	31.6	24.7	37.1





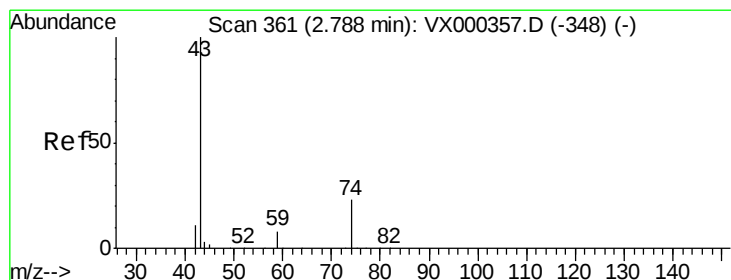
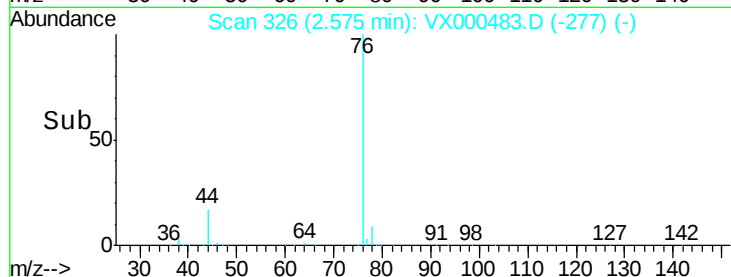
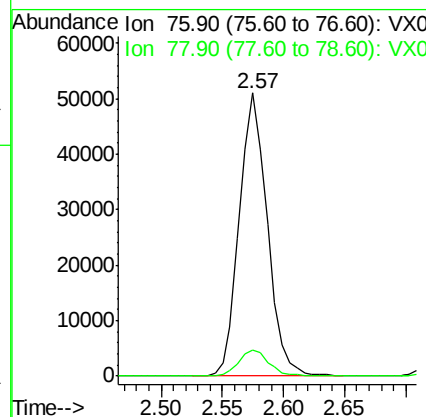
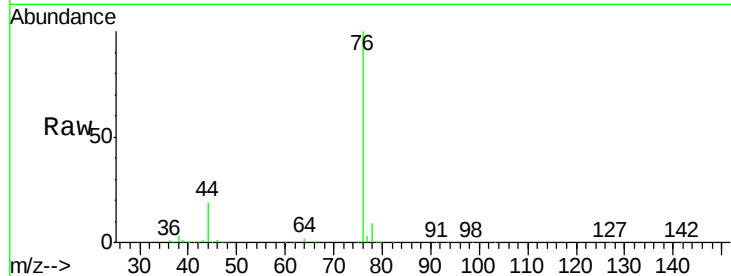
#17
Carbon Disulfide
Concen: 20.61 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion: 76 Resp: 81062
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

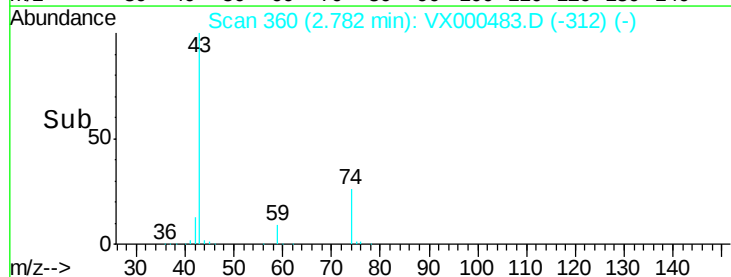
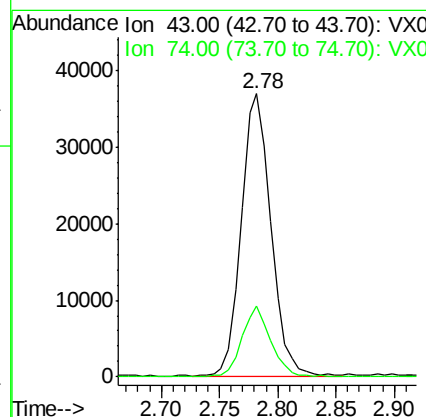
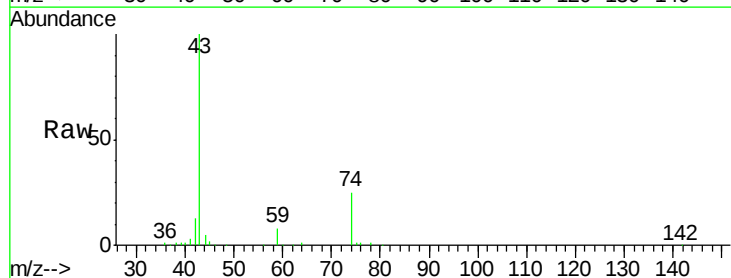
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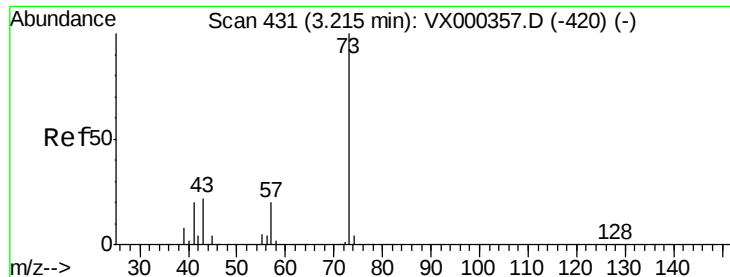
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#18
Methyl Acetate
Concen: 21.04 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 43 Resp: 65352
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2





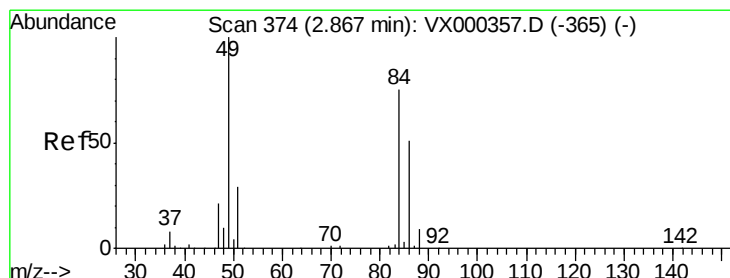
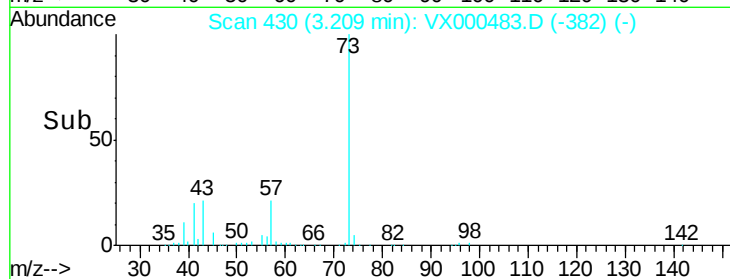
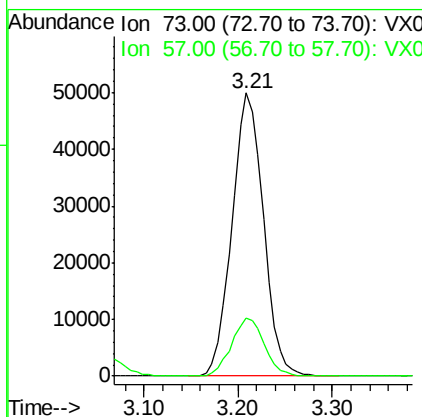
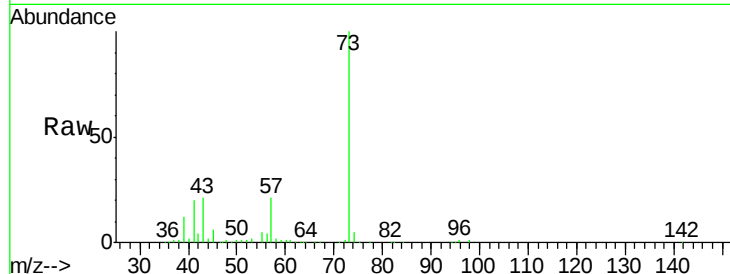
#19
Methyl tert-butyl Ether
Concen: 21.22 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion: 73 Resp: 116087
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8

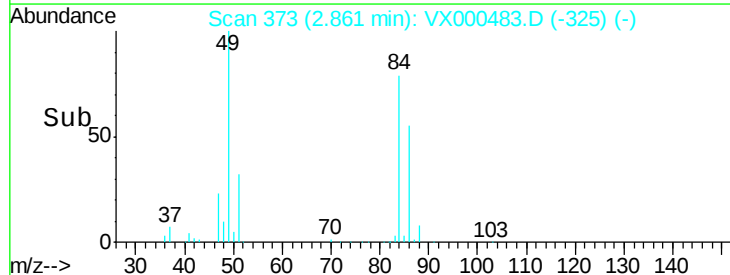
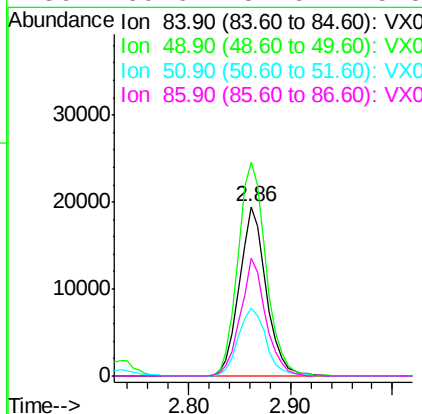
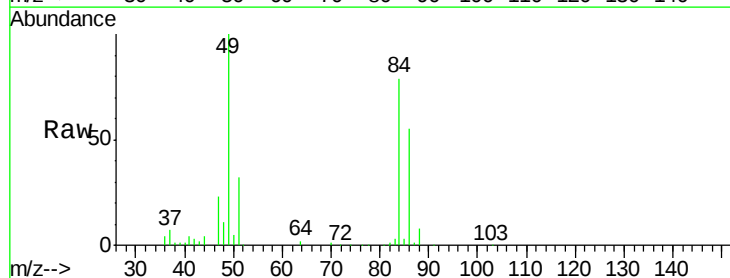
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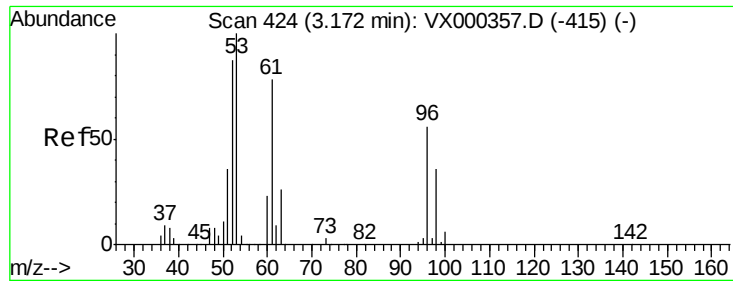
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#20
Methylene Chloride
Concen: 20.66 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 84 Resp: 35353
Ion Ratio Lower Upper
84 100
49 126.3 100.6 151.0
51 39.9 31.6 47.4
86 69.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 19.90 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion: 96 Resp: 32833

Ion Ratio Lower Upper

96 100

61 136.3 104.0 156.0

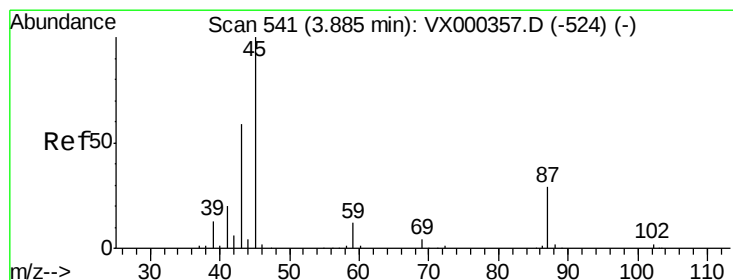
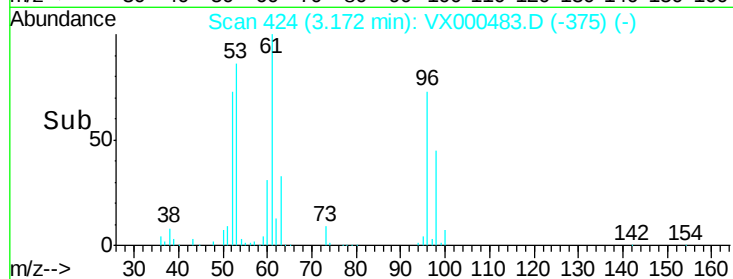
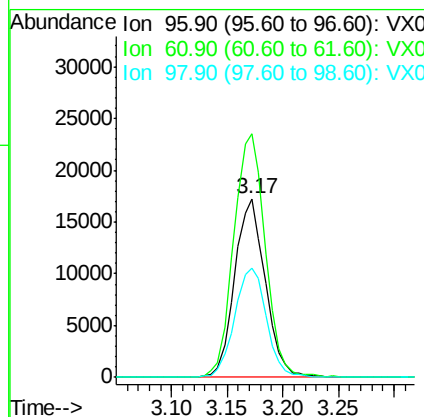
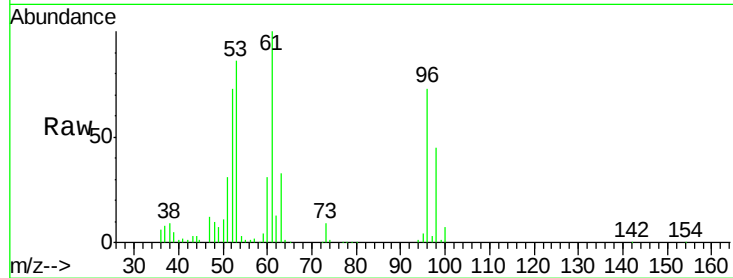
98 61.0 52.1 78.1

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#22

Diisopropyl ether

Concen: 24.08 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Tgt Ion: 45 Resp: 111358

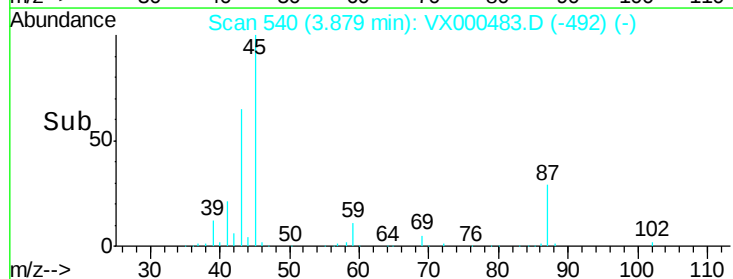
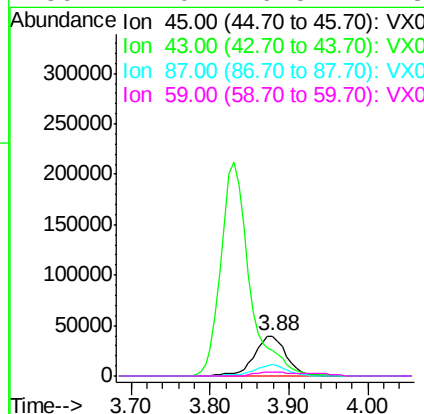
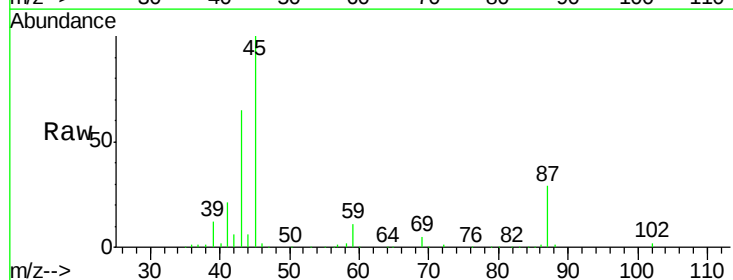
Ion Ratio Lower Upper

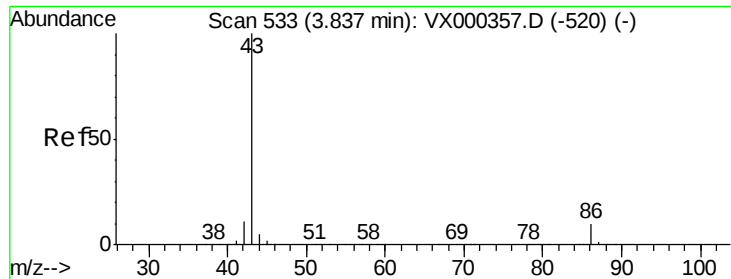
45 100

43 64.3 53.9 80.9

87 28.7 22.6 34.0

59 11.0 9.5 14.3





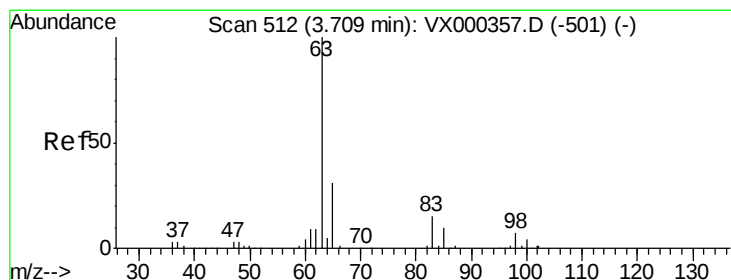
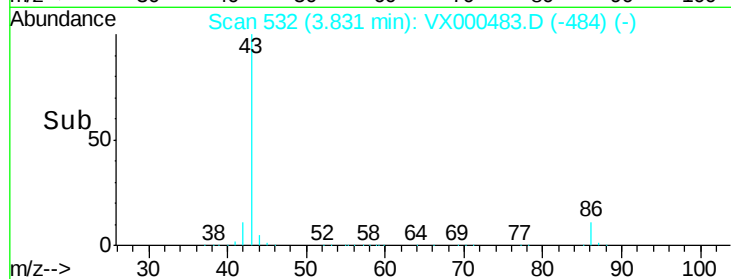
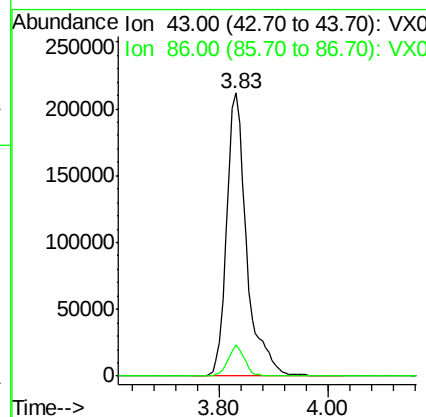
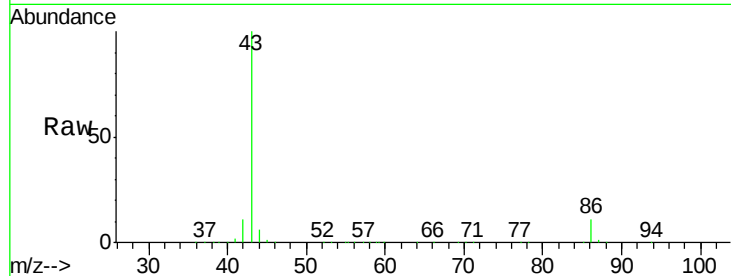
#23
 Vinyl Acetate
 Concen: 123.70 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion	43	Resp	542245
Ion Ratio	100	Lower	Upper
43	100		
86	11.0	8.6	12.8

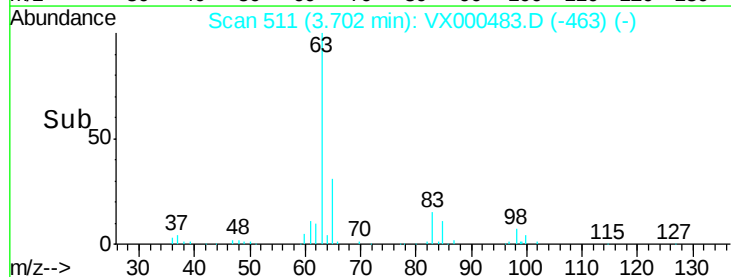
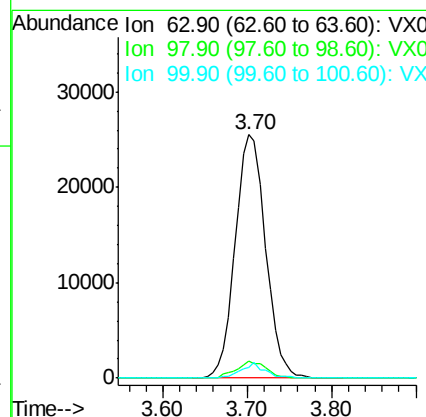
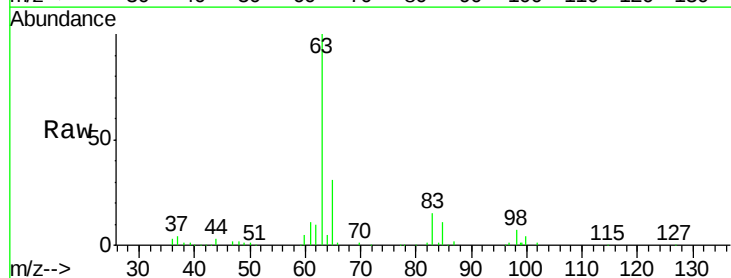
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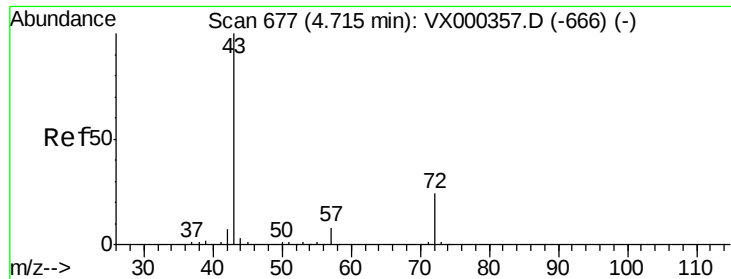
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#24
 1,1-Dichloroethane
 Concen: 21.39 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion	63	Resp	62198
Ion Ratio	100	Lower	Upper
63	100		
98	6.9	3.3	9.9
100	4.3	2.0	5.8





#25

2-Butanone

Concen: 102.82 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion: 43 Resp: 171254

Ion Ratio Lower Upper

43 100

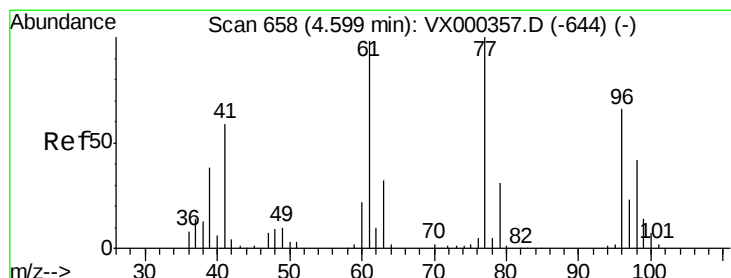
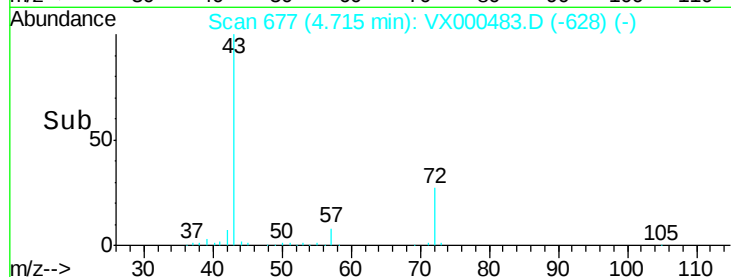
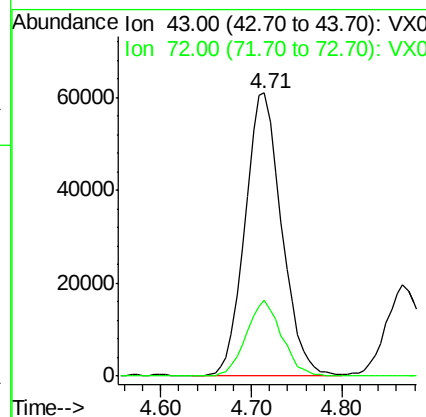
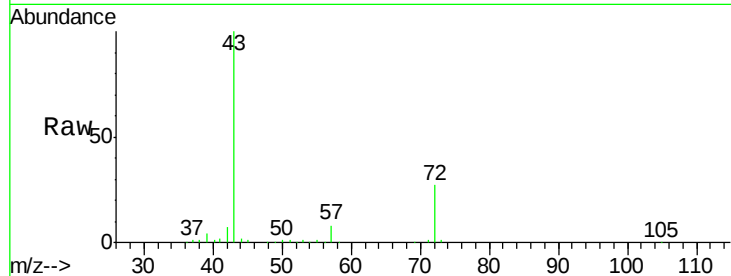
72 27.0 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.86 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000483.D

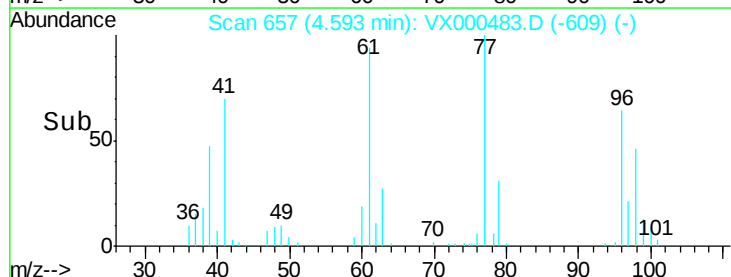
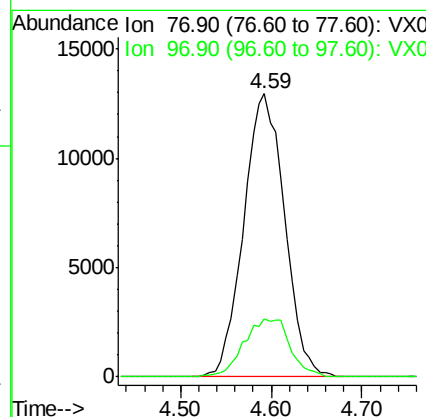
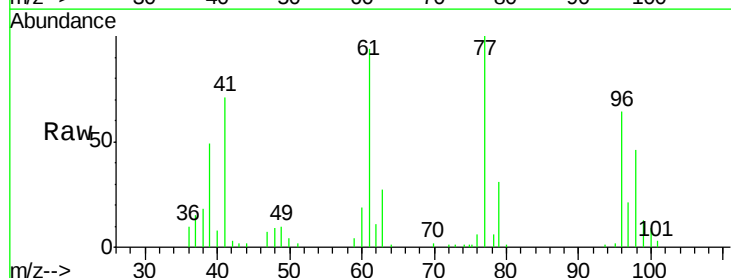
Acq: 28 Mar 2018 12:53

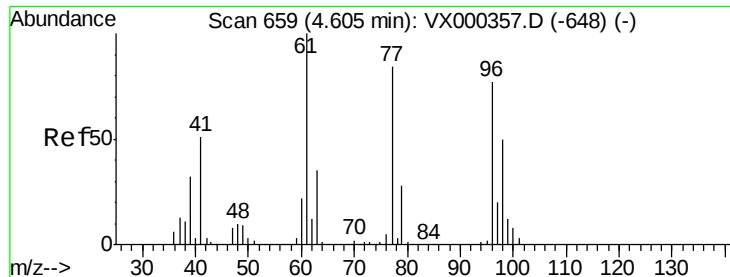
Tgt Ion: 77 Resp: 40465

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.01 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

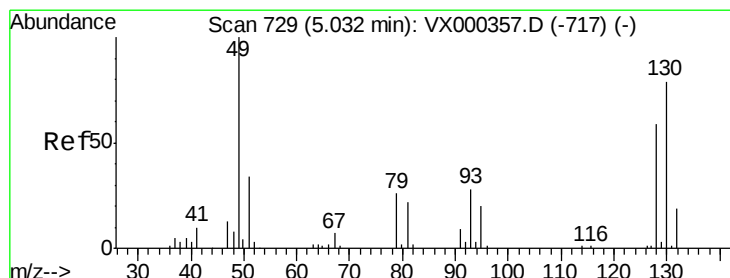
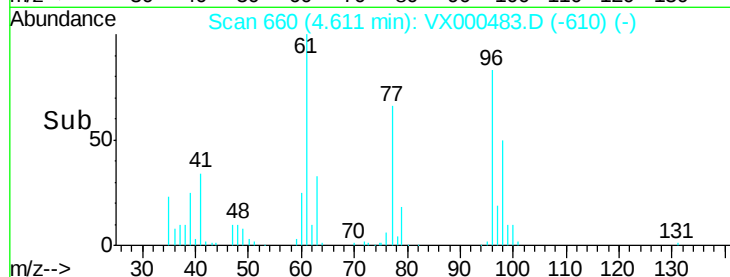
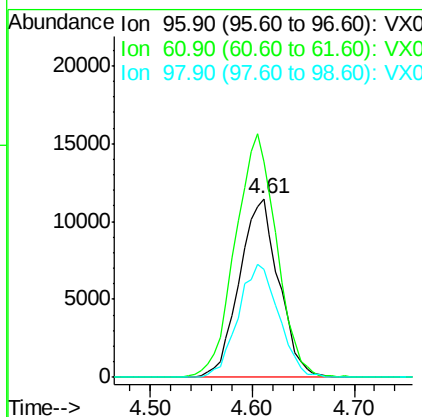
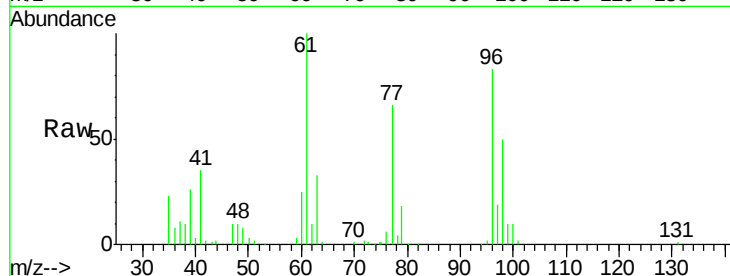
ClientSampleId :

VX0328WBSD01

Tot Ion:	96	Resp:	30855
Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	291.6
98	65.0	0.0	132.0

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#28

Bromochloromethane

Concen: 18.62 ug/l

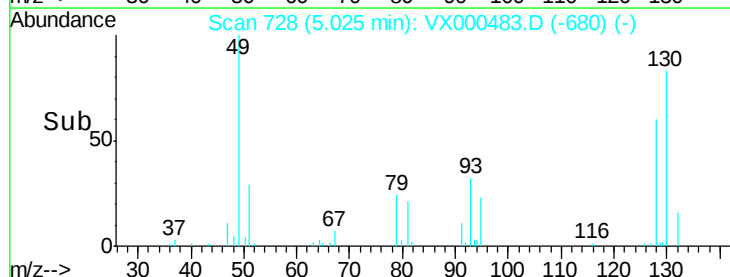
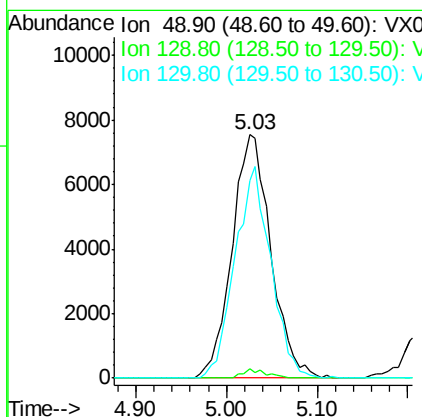
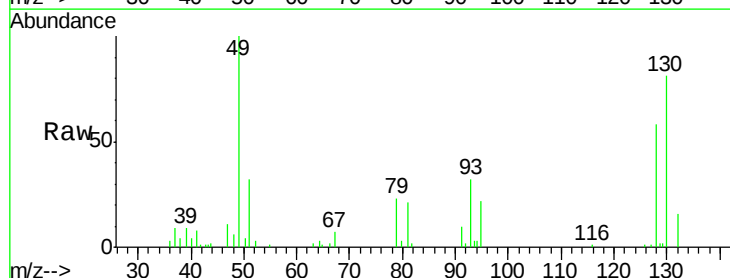
RT: 5.03 min Scan# 728

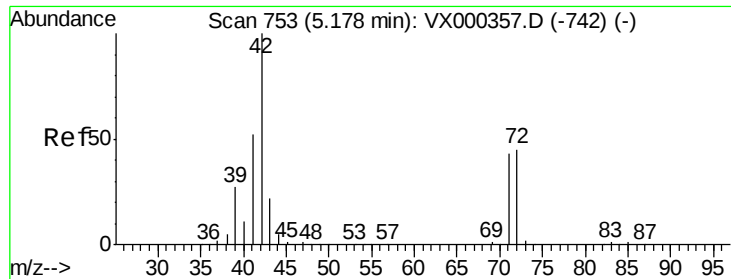
Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Tgt Ion:	49	Resp:	22326
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	80.7	64.0	96.0





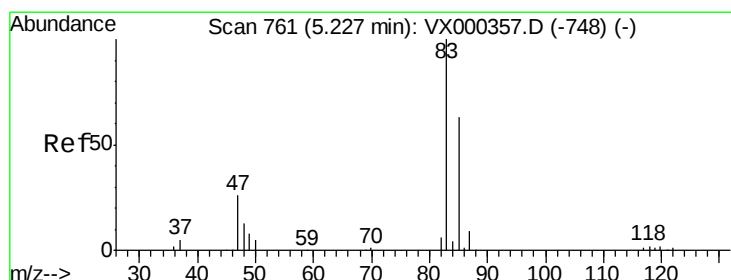
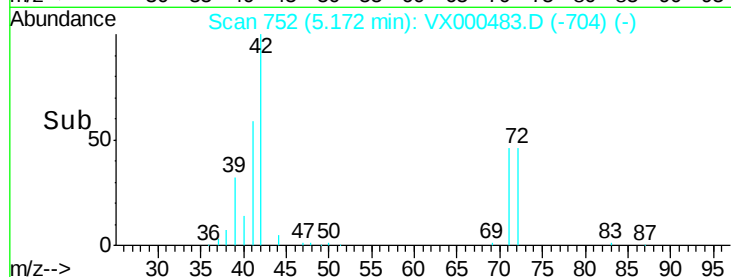
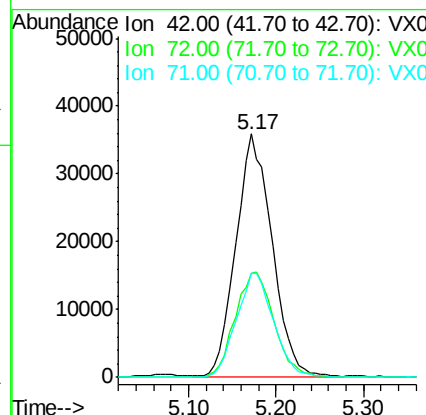
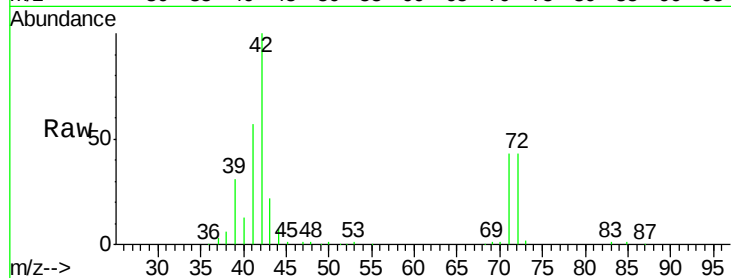
#29
Tetrahydrofuran
Concen: 100.46 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.9	56.9
71	44.2	34.4	51.6

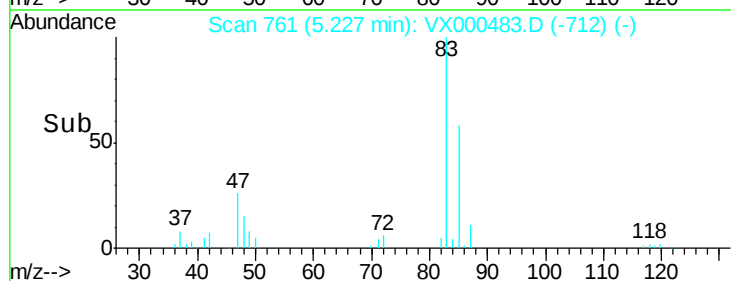
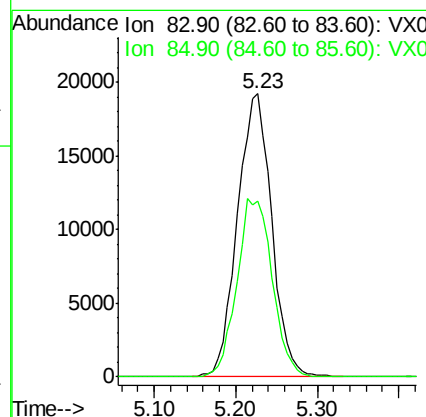
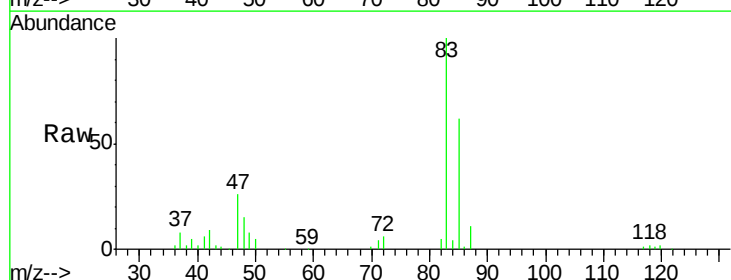
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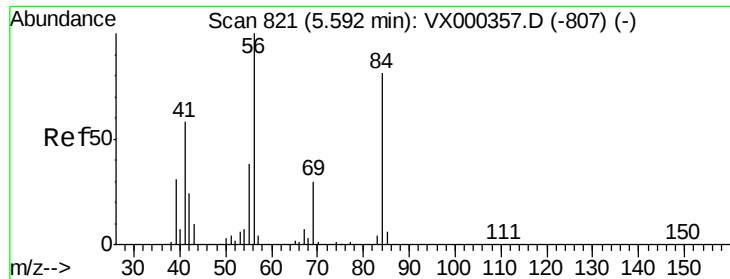
MMDadoda
3/29/2018 11:19:41 AM



#30
Chloroform
Concen: 20.49 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	53.3	79.9





#31

Cyclohexane

Concen: 19.73 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

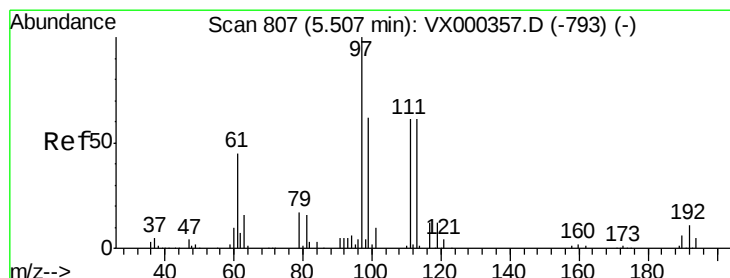
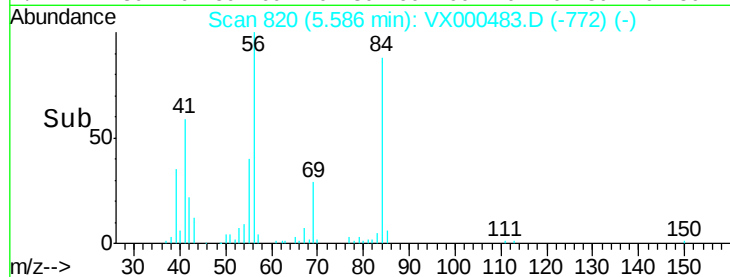
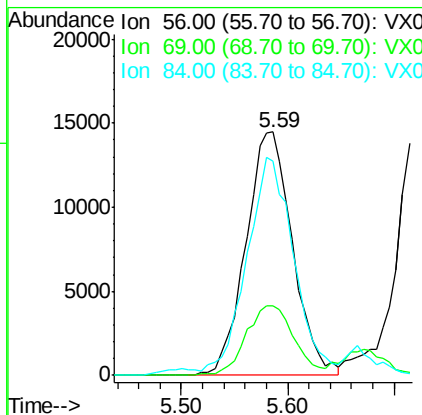
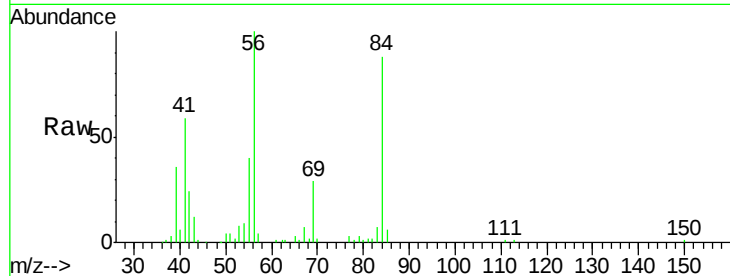
ClientSampleId :

VX0328WBSD01

Tot Ion:	56	Resp:	44333
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.4	35.0
84	85.7	71.0	106.4

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#32

1,1,1-Trichloroethane

Concen: 19.32 ug/l

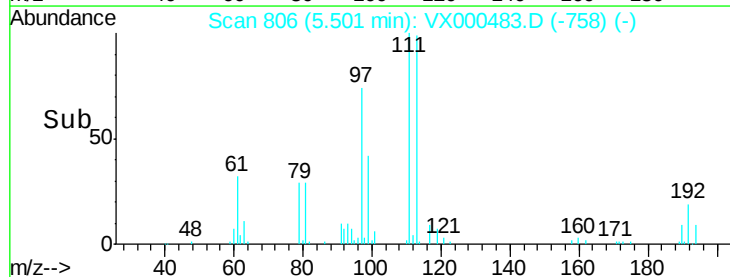
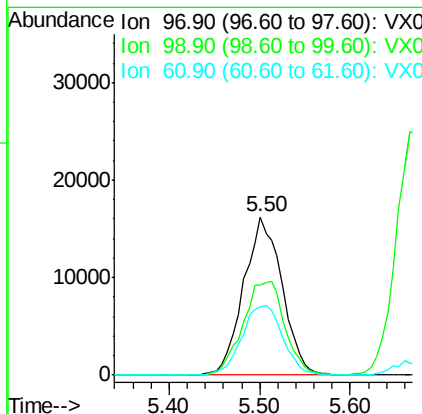
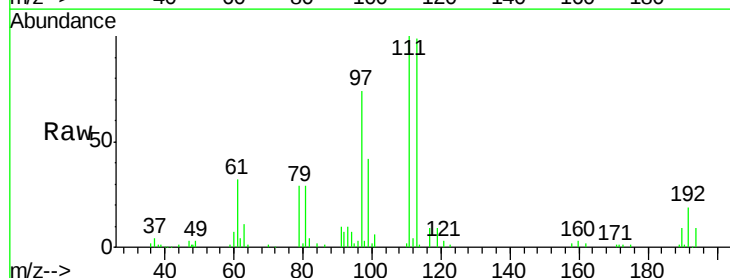
RT: 5.50 min Scan# 806

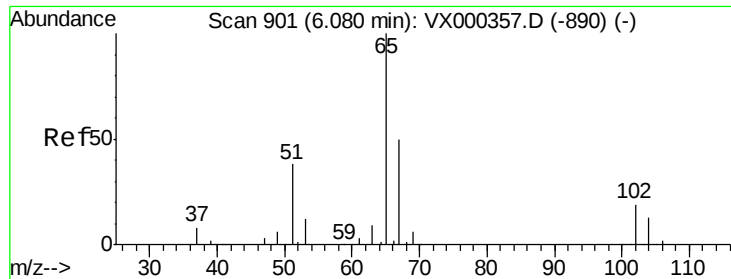
Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Tgt Ion:	97	Resp:	47491
Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.1	78.1
61	46.8	36.2	54.4





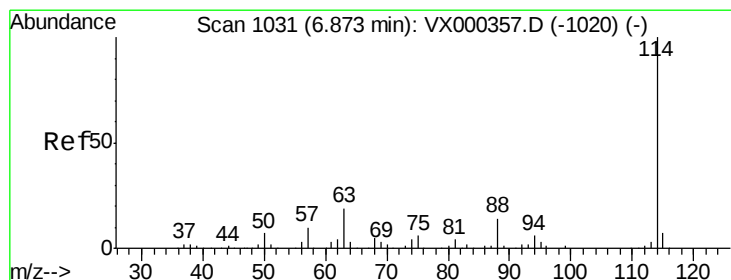
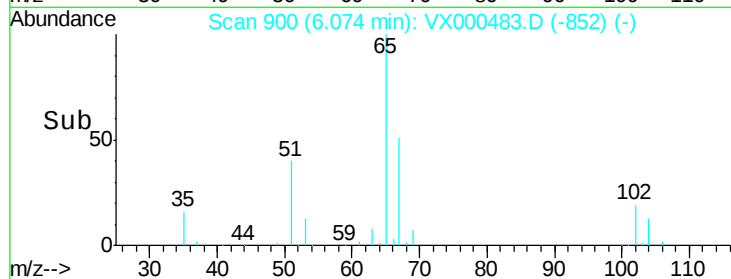
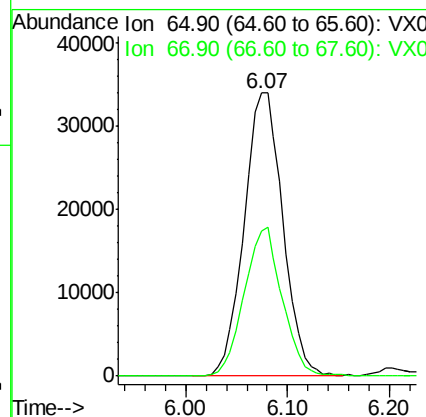
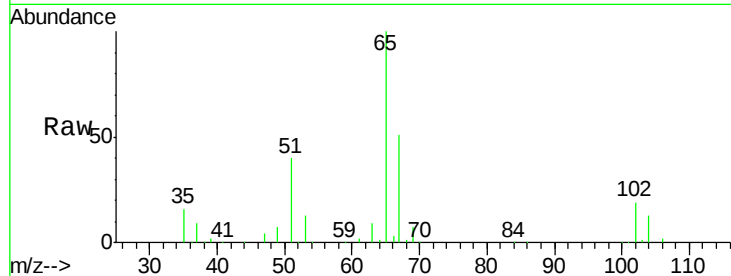
#33
 1,2-Dichloroethane-d4
 Concen: 50.45 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	89866		
67	51.4	0.0	103.2	

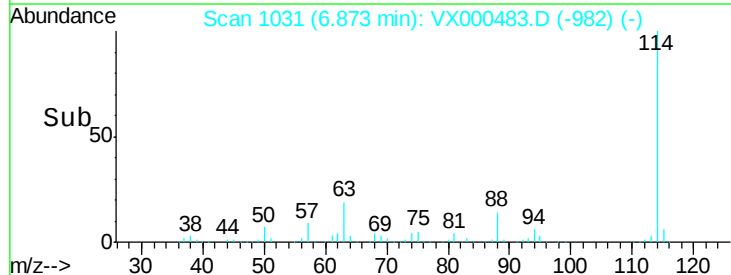
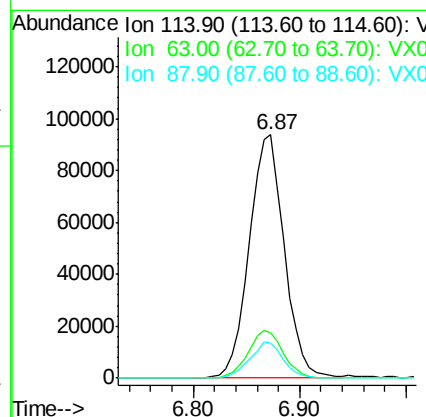
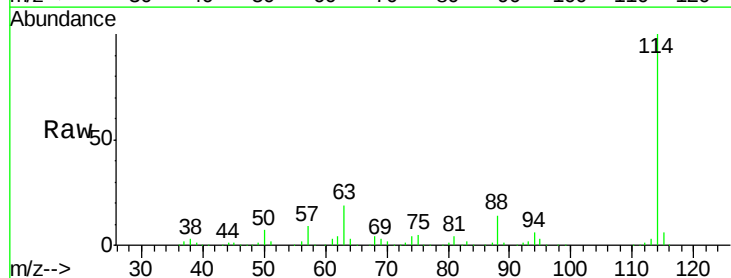
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	216952		
63	18.5	0.0	38.4	
88	14.4	0.0	27.0	





#35

Dibromofluoromethane

Concen: 52.66 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion:113 Resp: 71992

Ion Ratio Lower Upper

113 100

111 100.8 82.4 123.6

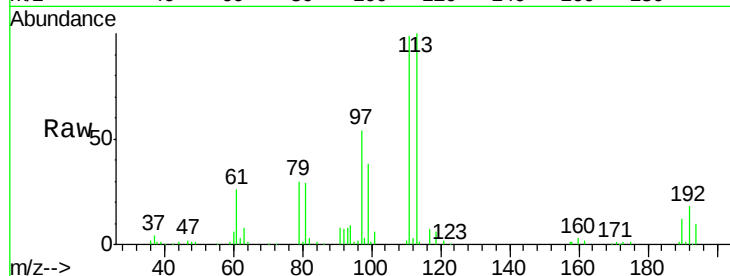
192 20.2 15.8 23.6

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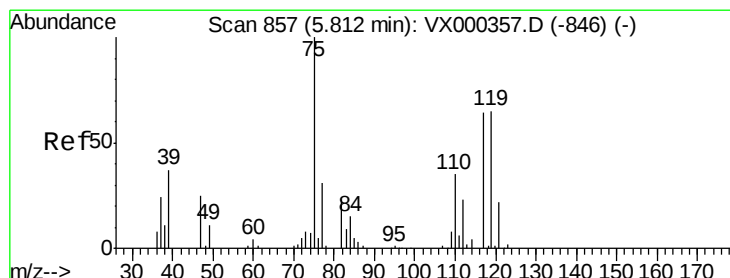
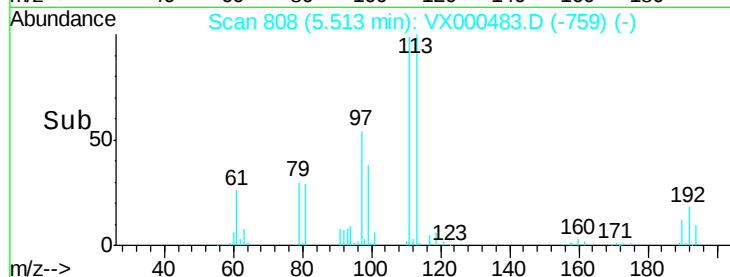
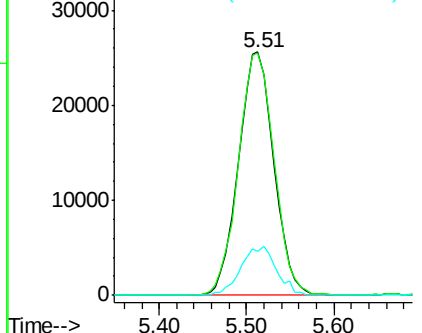
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.10 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

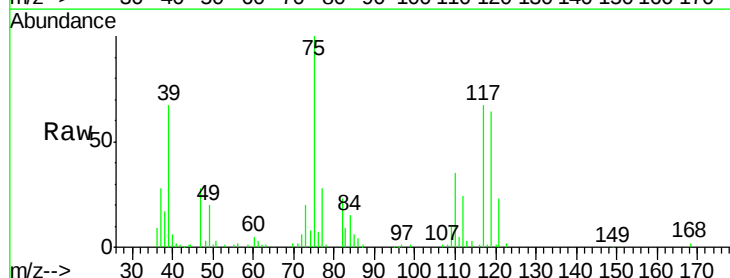
Tgt Ion: 75 Resp: 40856

Ion Ratio Lower Upper

75 100

110 35.7 17.9 53.7

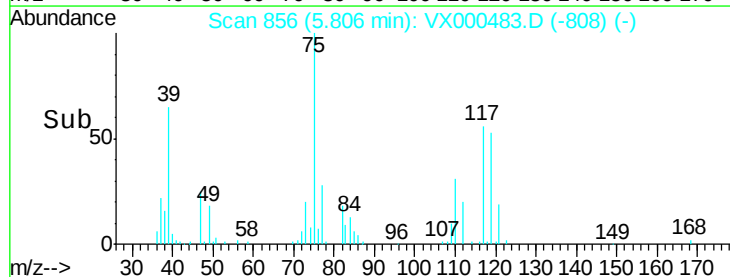
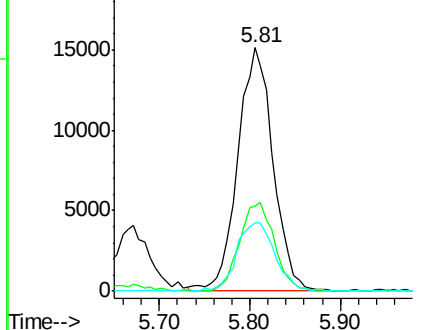
77 30.7 24.0 36.0

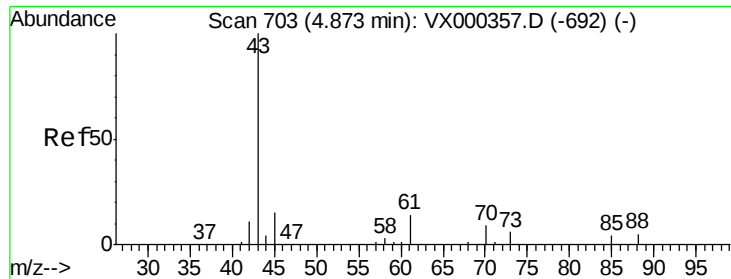


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





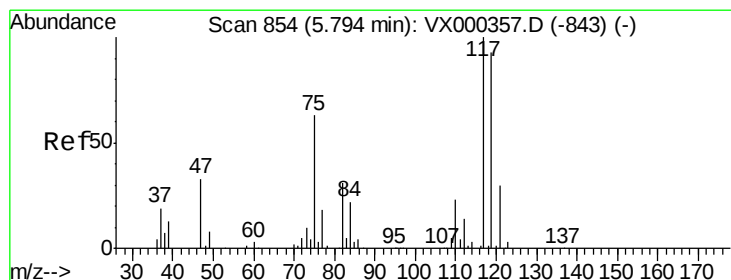
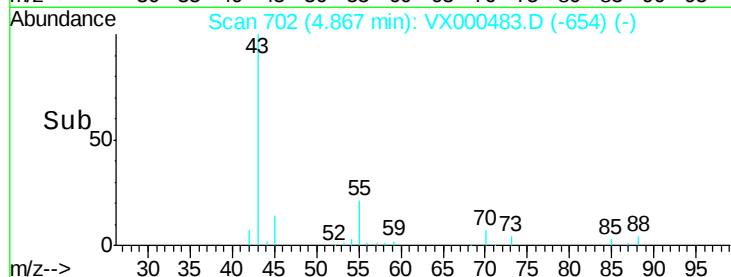
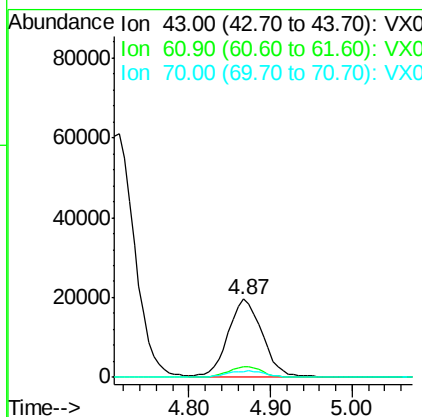
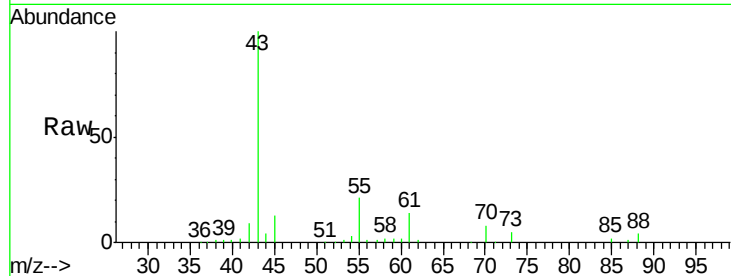
#37
Ethyl Acetate
Concen: 20.35 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	9.3	7.7	11.5

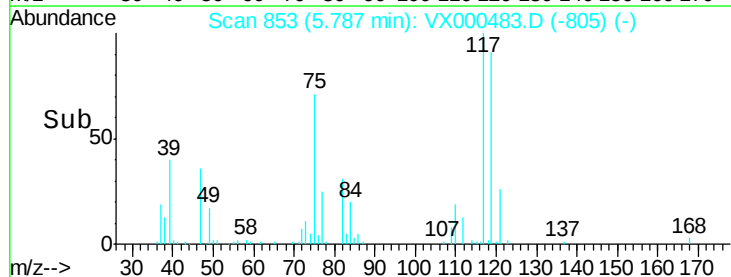
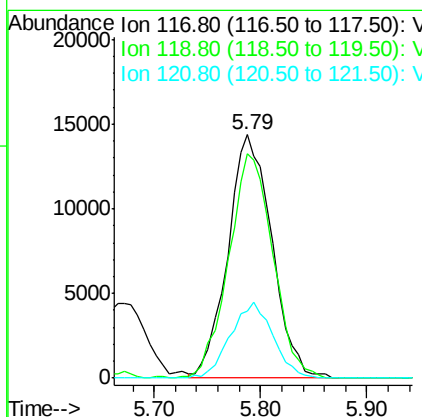
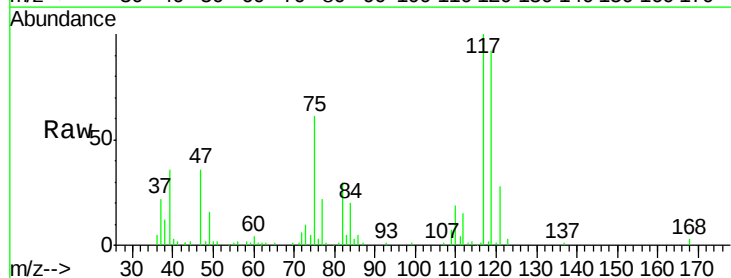
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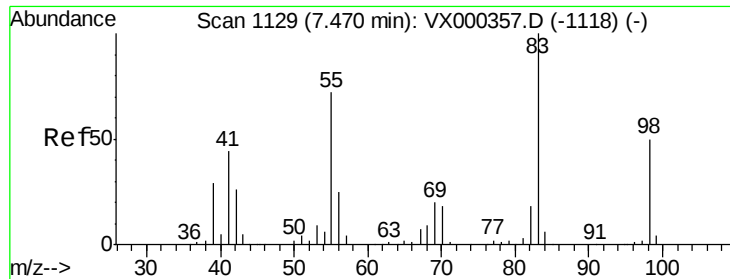
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#38
Carbon Tetrachloride
Concen: 19.47 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	77.4	116.2
121	27.7	24.8	37.2





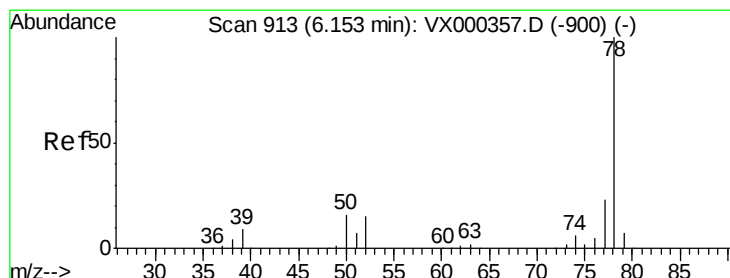
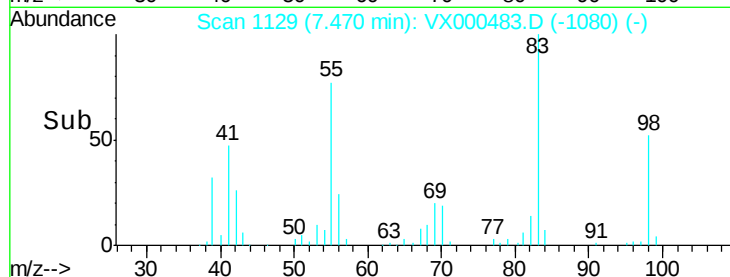
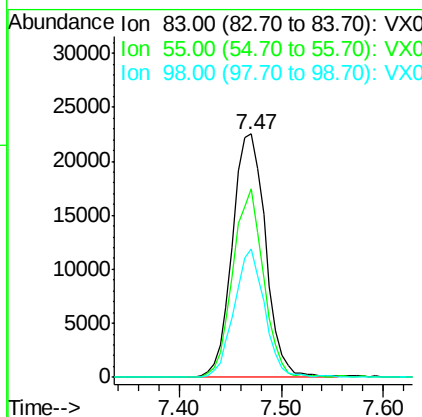
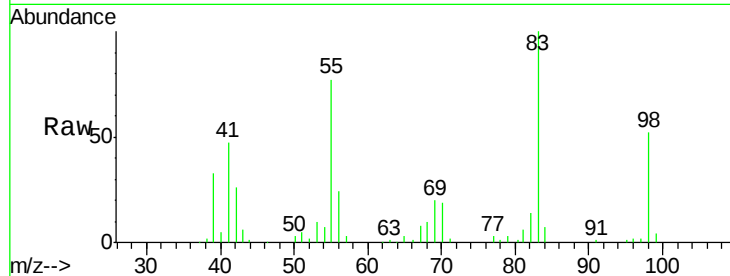
#39
Methvlcvclohexane
Concen: 20.67 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	55.5	83.3
98	52.5	38.2	57.4

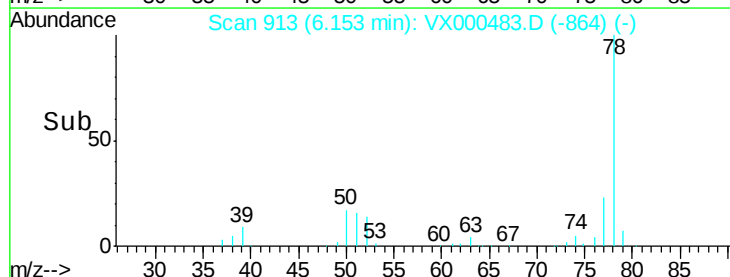
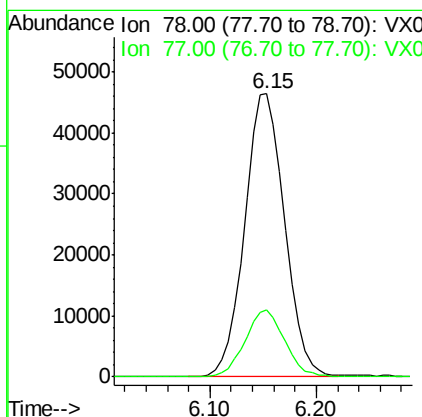
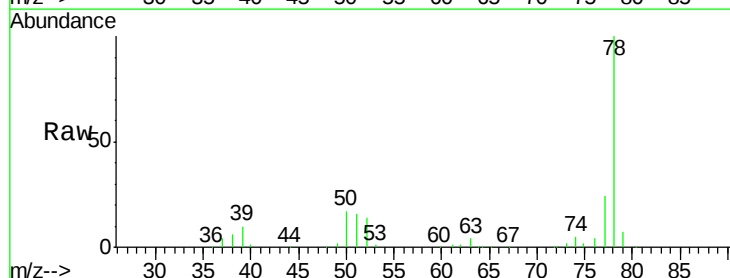
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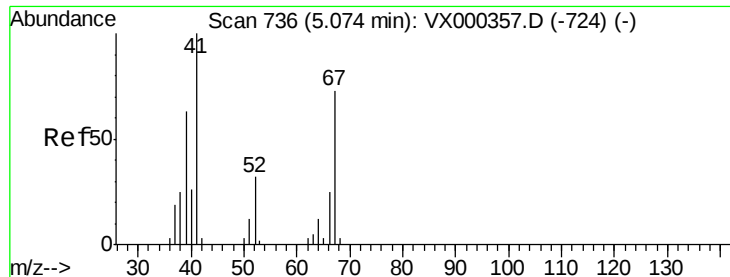
MMDadoda
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#40
Benzene
Concen: 20.69 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





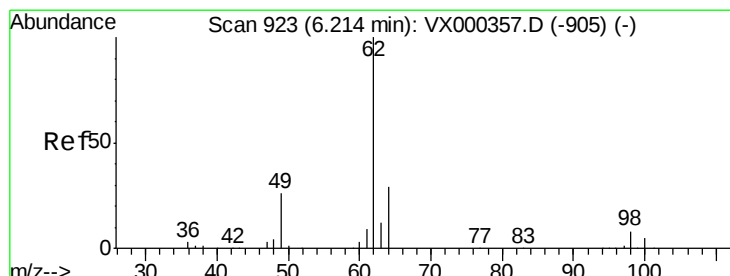
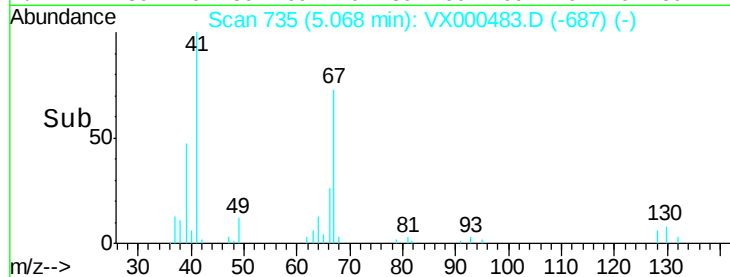
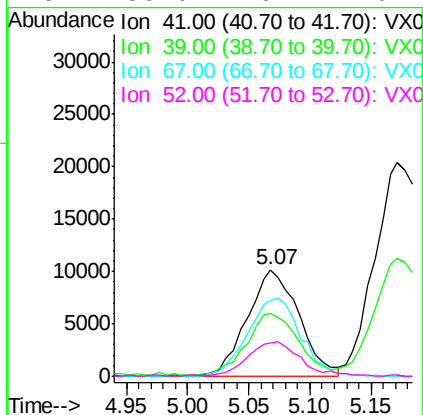
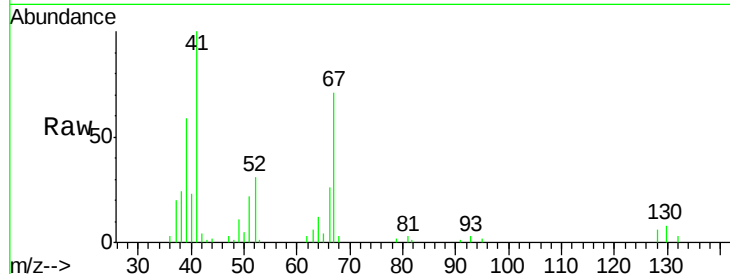
#41
Methacrylonitrile
Concen: 20.45 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		29932		
39	56.6	45.7	68.5		
67	75.0	57.8	86.8		
52	33.0	26.7	40.1		

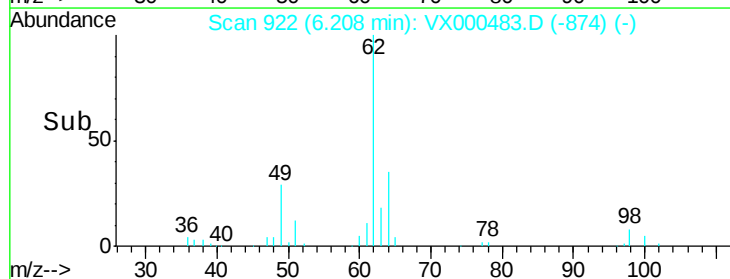
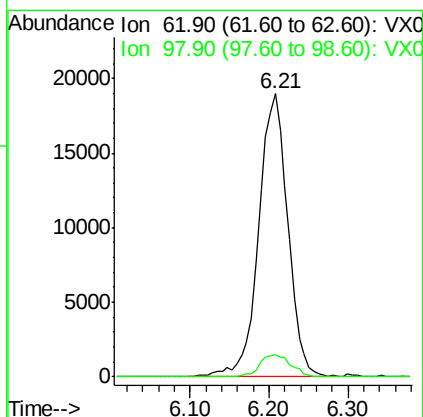
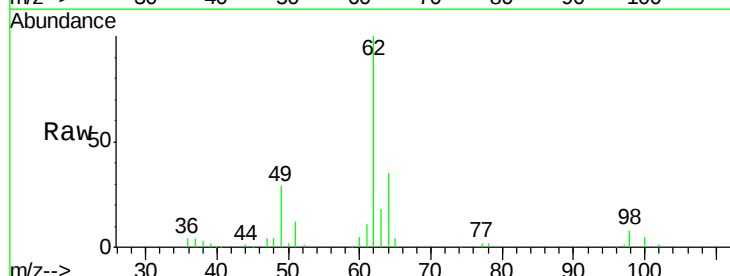
Manual Integrations
APPROVED

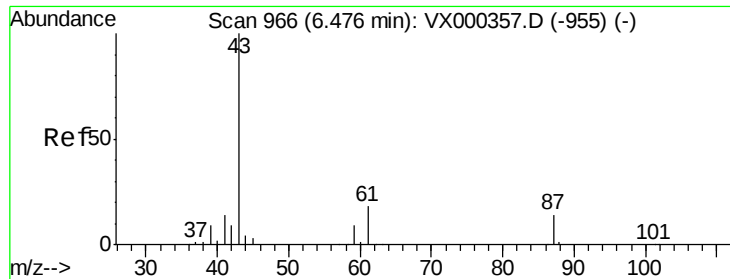
MMDadoda
3/29/2018 11:19:41 AM



#42
1,2-Dichloroethane
Concen: 21.10 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		48853		
98	8.4	0.0	15.8		





#43

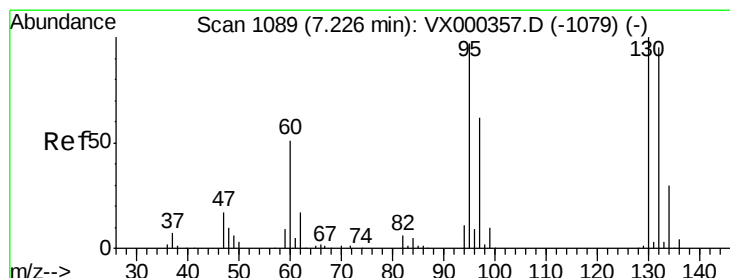
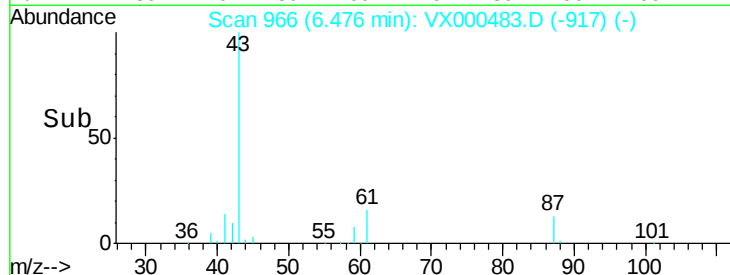
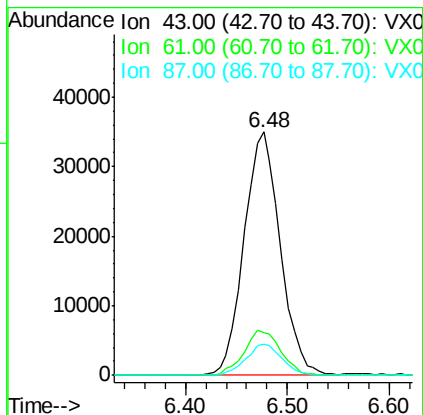
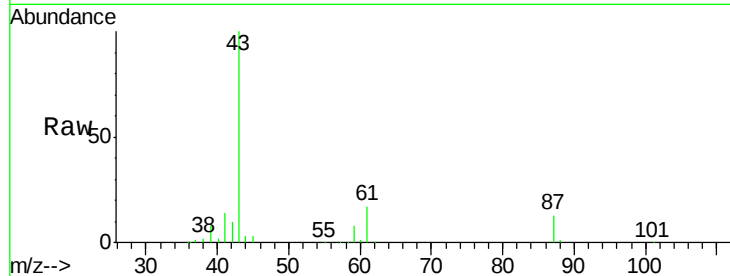
Isopropyl Acetate
 Concen: 20.92 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.4	21.6
87	12.7	11.0	16.4

Manual Integrations
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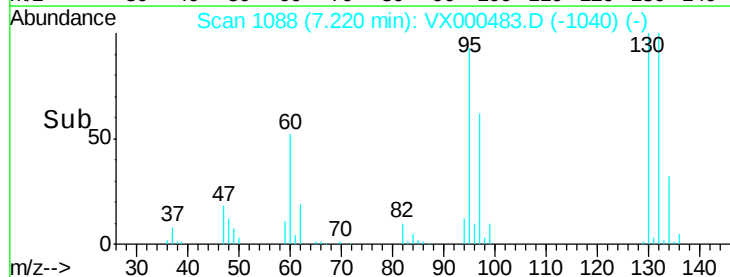
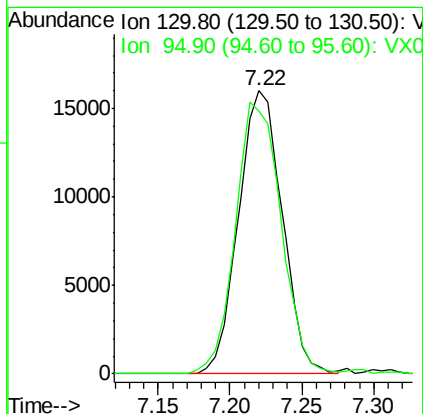
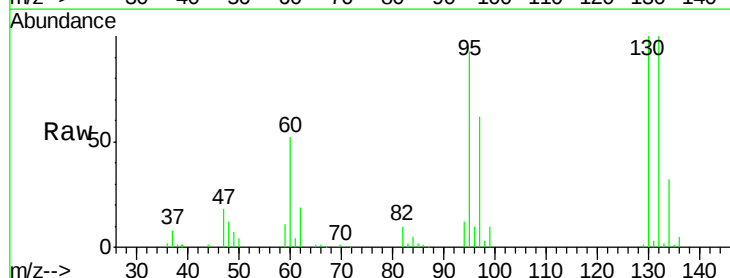
MMDadoda
 3/29/2018 11:19:41 AM



#44

Trichloroethene
 Concen: 19.95 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	186.0





#45

1,2-Dichloropropane

Concen: 21.79 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampled :

VX0328WBSD01

Tot Ion: 63 Resp: 32909

Ion Ratio Lower Upper

63 100

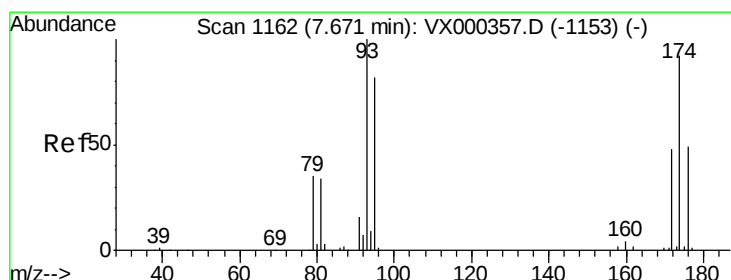
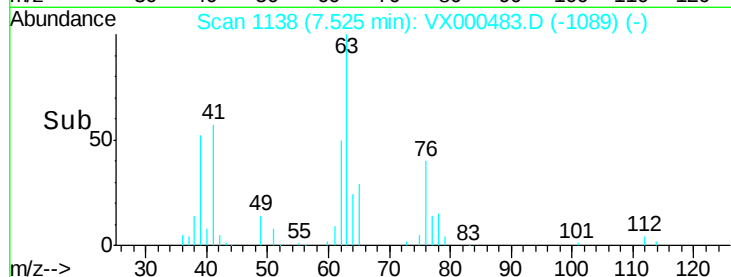
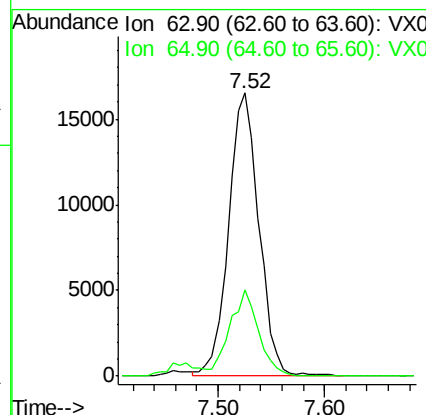
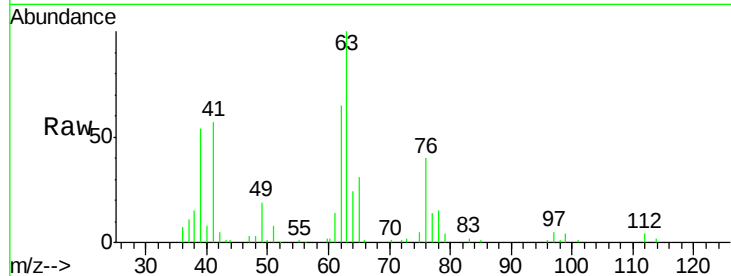
65 30.6 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 20.83 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

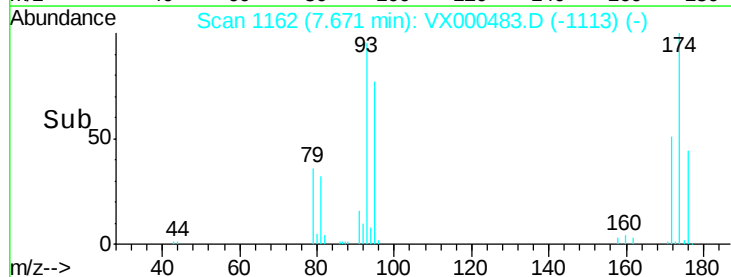
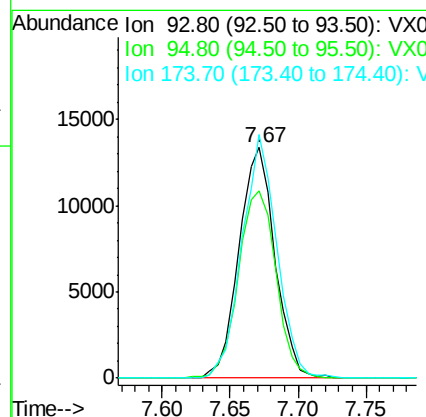
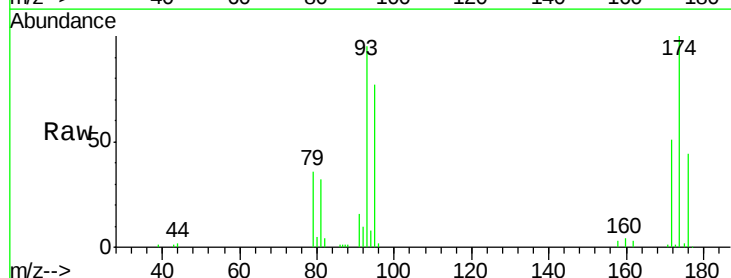
Tgt Ion: 93 Resp: 24702

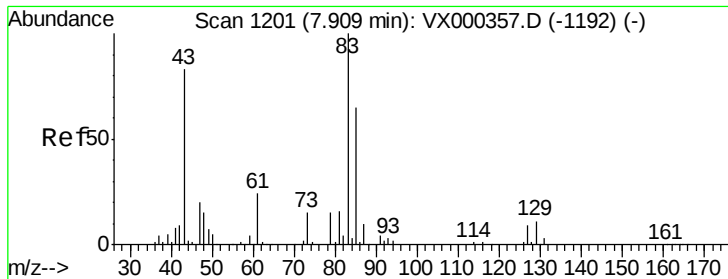
Ion Ratio Lower Upper

93 100

95 85.0 66.5 99.7

174 102.3 76.0 114.0





#47

Bromodichloromethane

Concen: 21.57 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

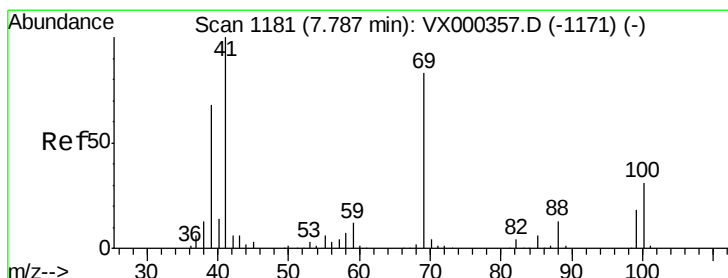
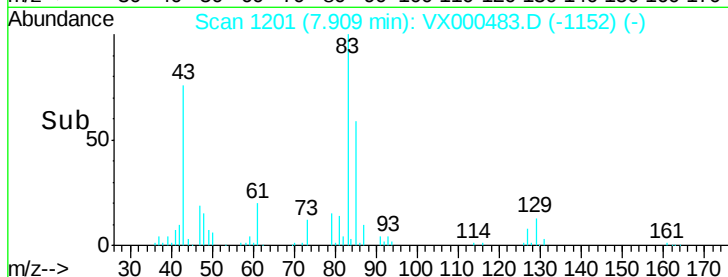
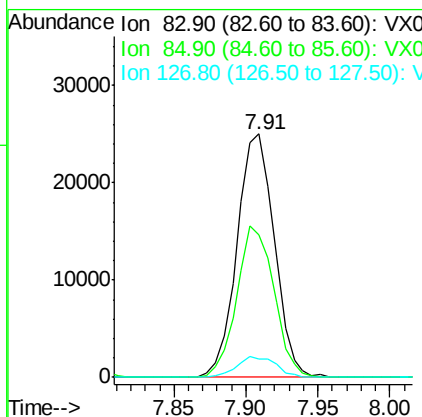
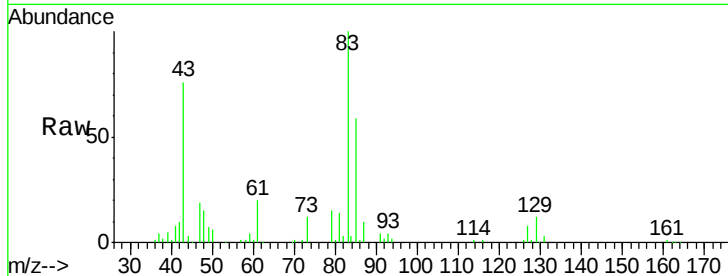
ClientSampleId :

VX0328WBSD01

Tot Ion:	83	Resp:	44999
Ion	Ratio	Lower	Upper
83	100		
85	58.7	51.4	77.0
127	7.6	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.35 ug/l

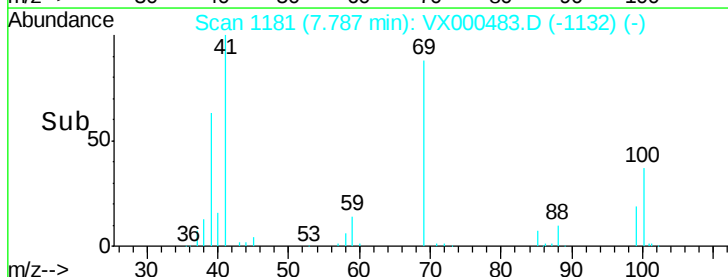
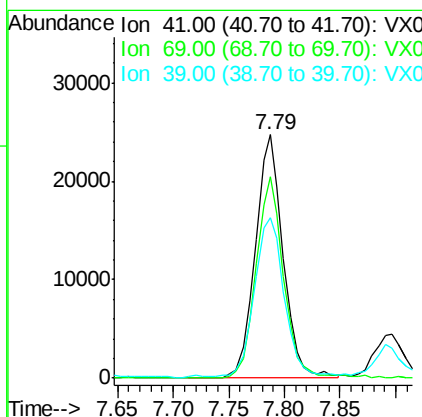
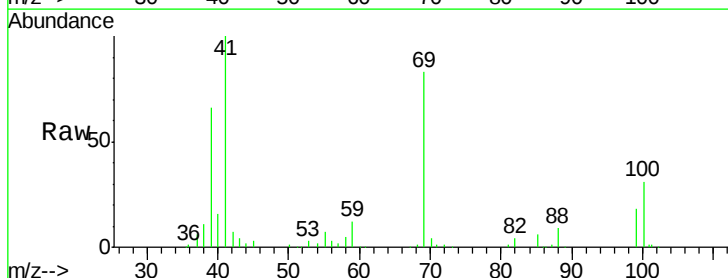
RT: 7.79 min Scan# 1181

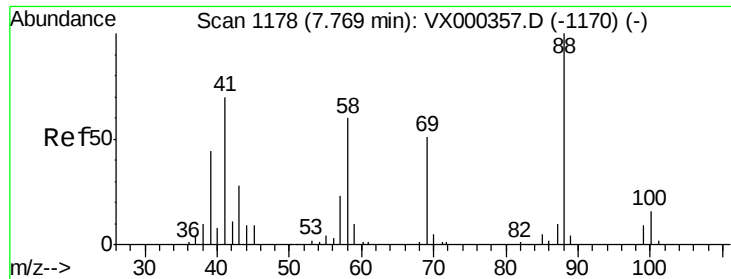
Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Tgt Ion:	41	Resp:	42835
Ion	Ratio	Lower	Upper
41	100		
69	82.6	68.2	102.4
39	68.8	54.6	81.8





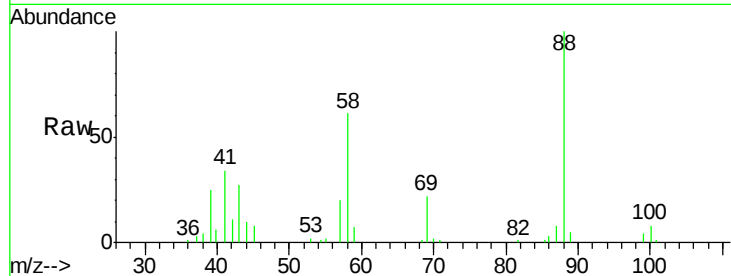
#49
1,4-Dioxane
Concen: 414.01 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	26.8	40.2
58	62.8	52.2	78.2

Manual Integrations
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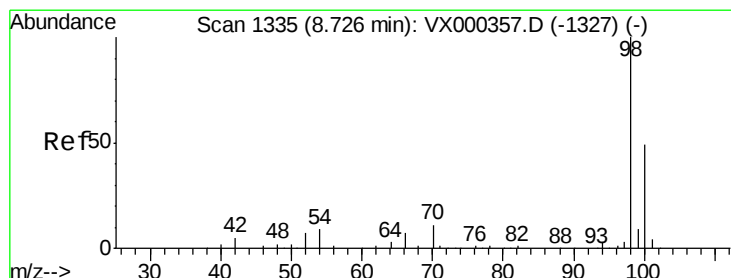
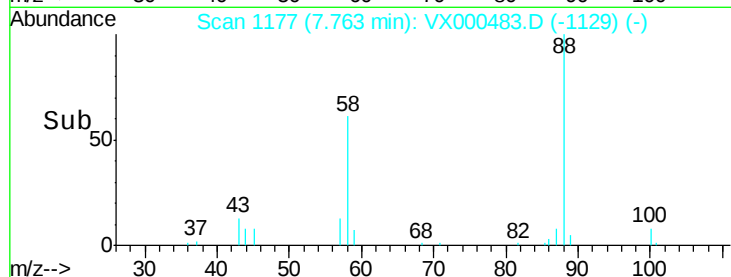
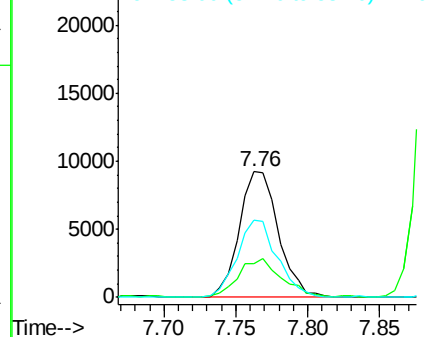


Abundance

Ion 88.00 (87.70 to 88.70): VX0

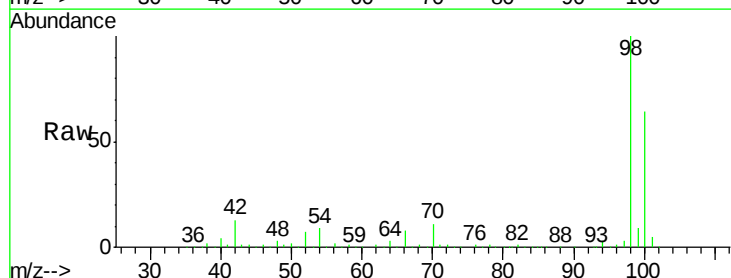
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.97 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

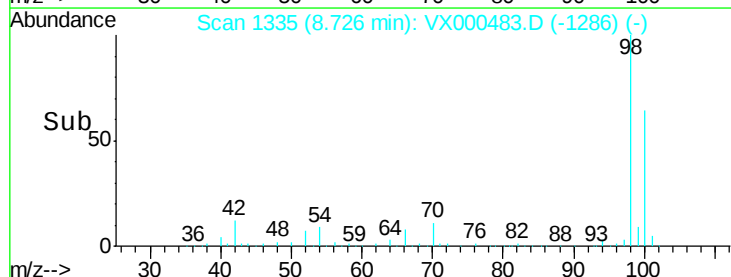
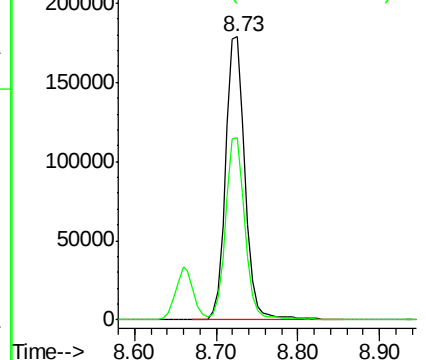
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8



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: 110.65 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion: 43 Resp: 353912

Ion Ratio Lower Upper

43 100

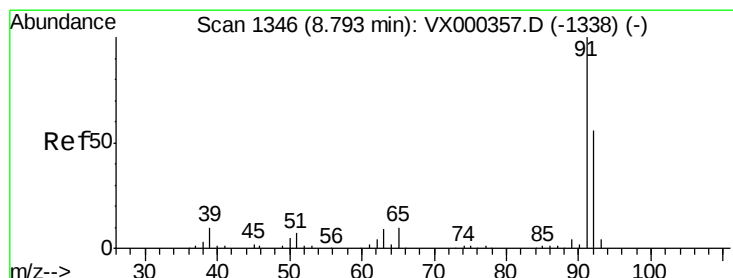
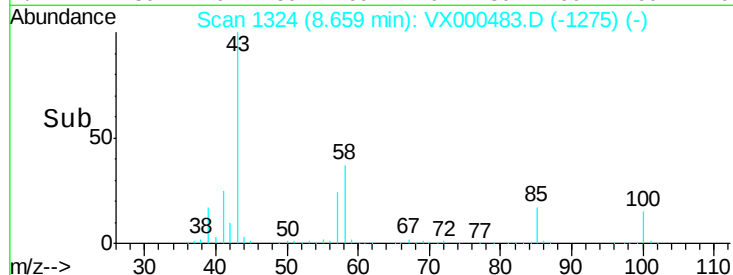
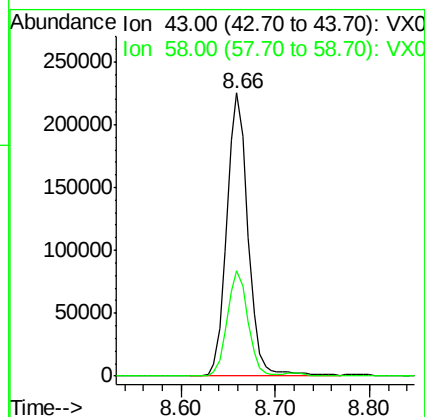
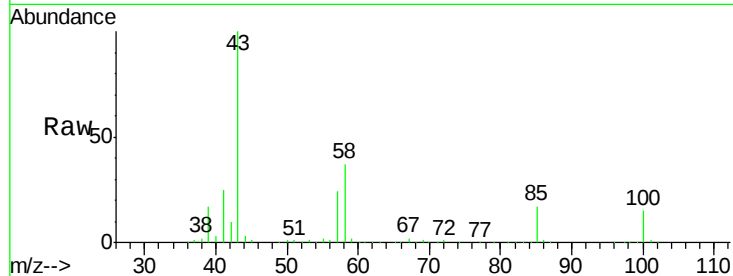
58 36.2 30.3 45.5

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#52

Toluene

Concen: 21.59 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000483.D

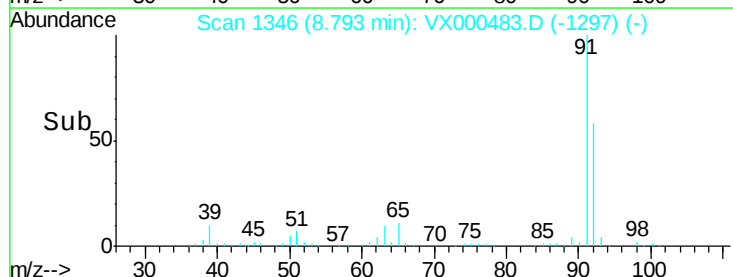
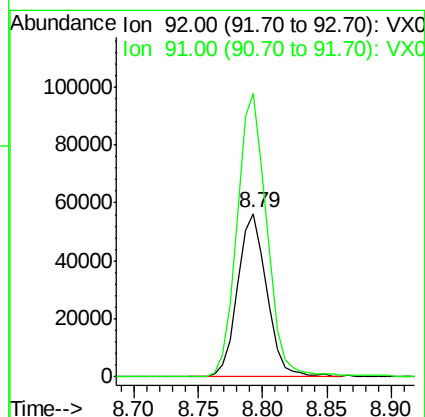
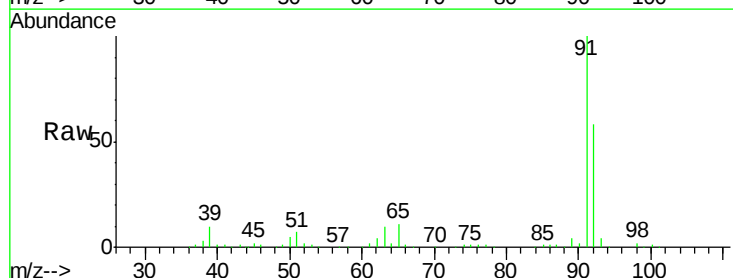
Acq: 28 Mar 2018 12:53

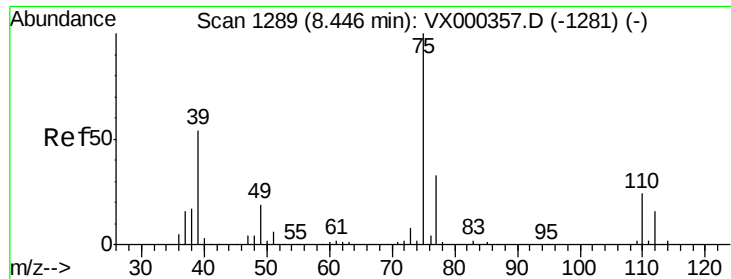
Tgt Ion: 92 Resp: 89076

Ion Ratio Lower Upper

92 100

91 177.8 140.2 210.2





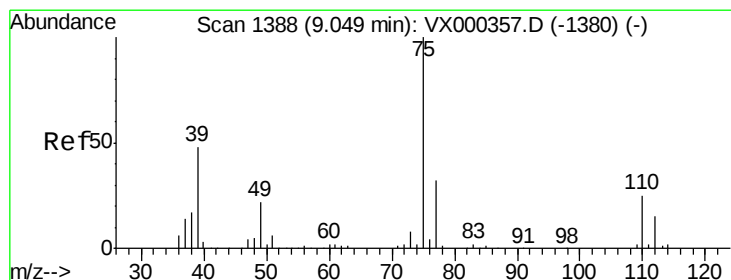
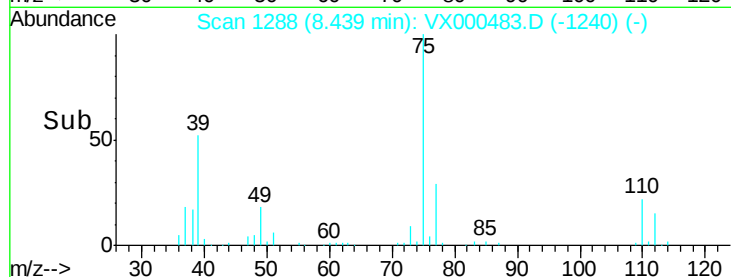
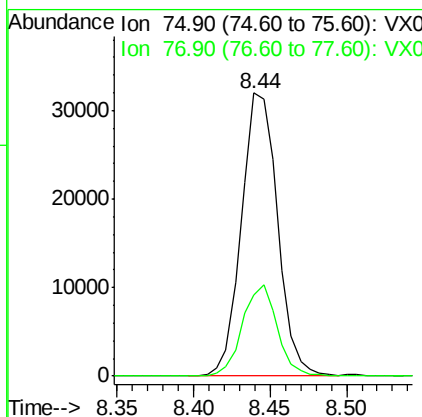
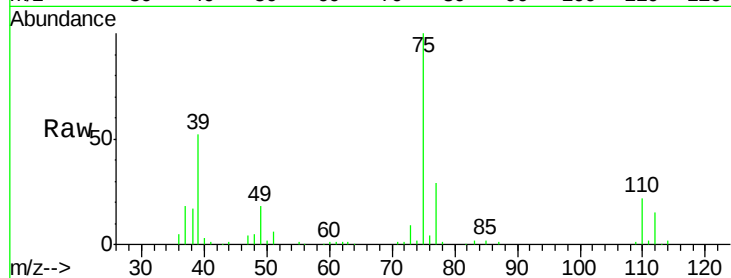
#53
t-1,3-Dichloropropene
Concen: 21.74 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.5	24.0	36.0

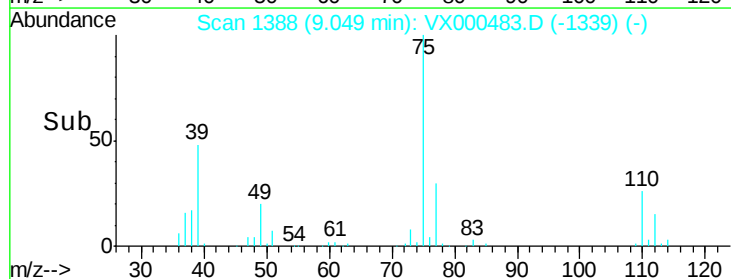
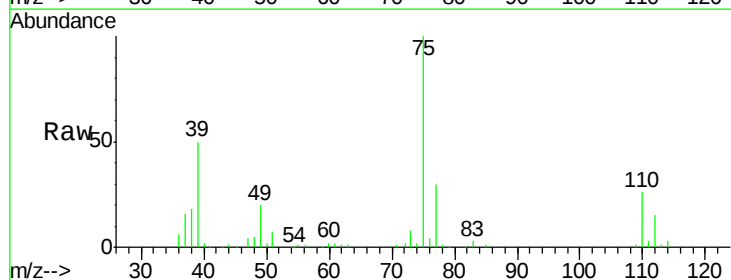
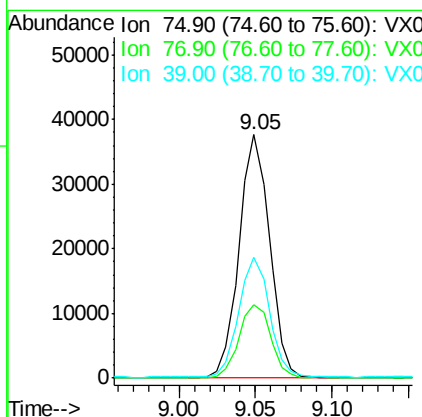
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#54
cis-1,3-Dichloropropene
Concen: 22.27 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.1	39.1
39	49.3	39.8	59.6





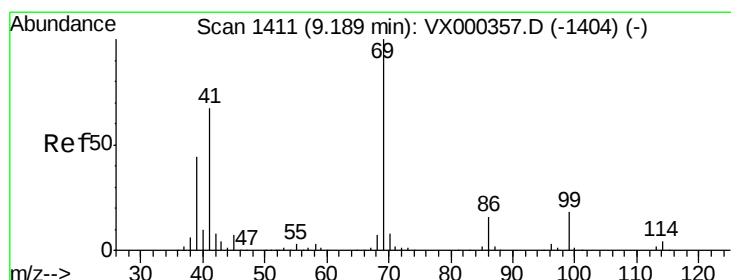
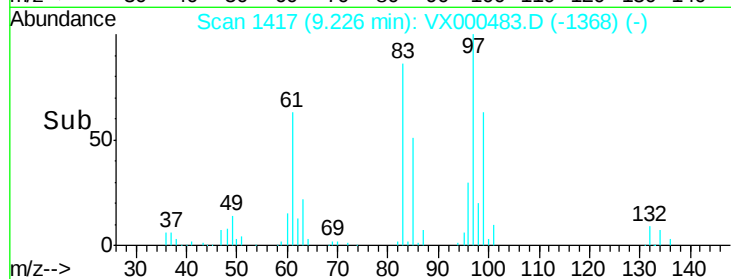
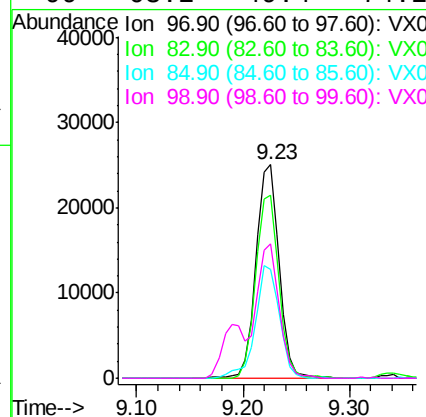
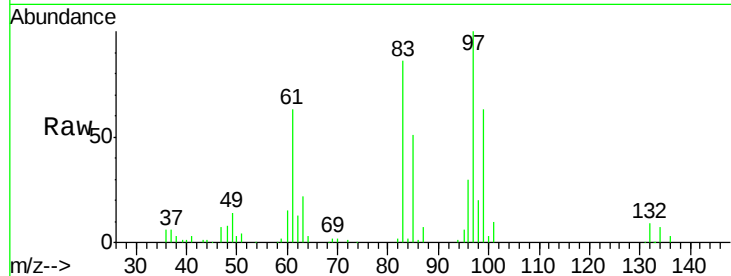
#55
 1,1,2-Trichloroethane
 Concen: 22.57 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion:	97	Resp:	38293
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.9	101.9
85	51.0	42.8	64.2
99	63.2	49.4	74.2

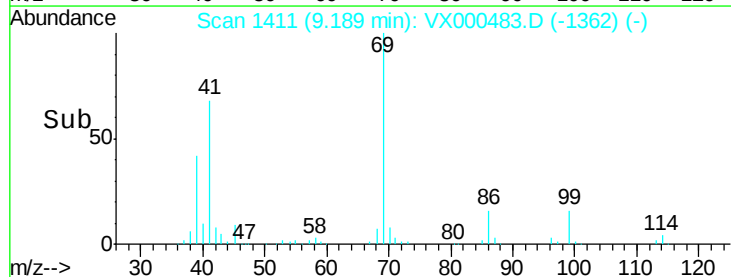
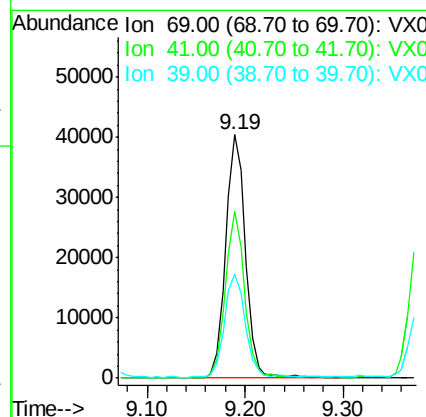
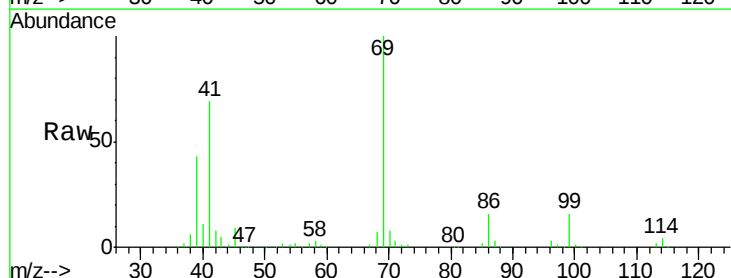
Manual Integrations
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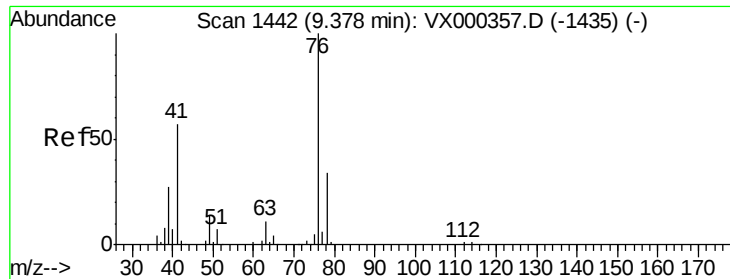
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#56
 Ethyl methacrylate
 Concen: 22.13 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion:	69	Resp:	56890
Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.0	79.6
39	43.5	35.3	52.9





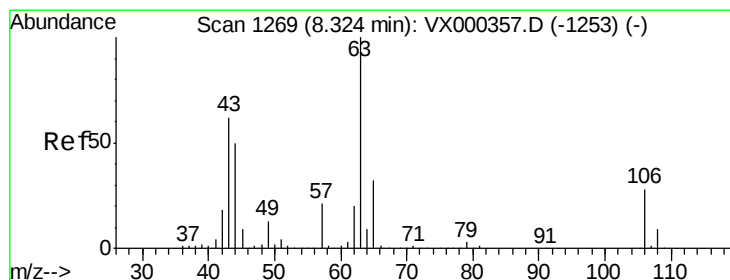
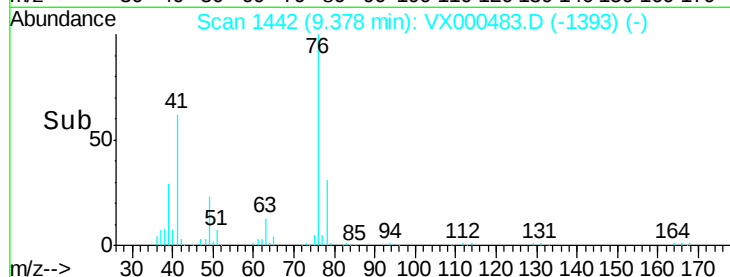
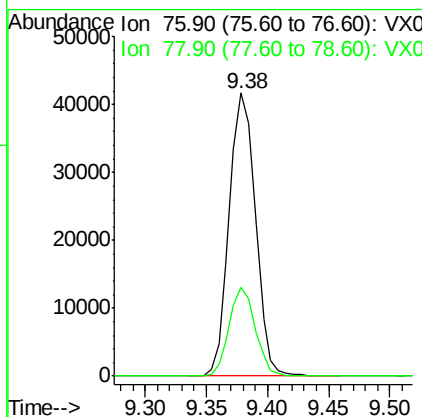
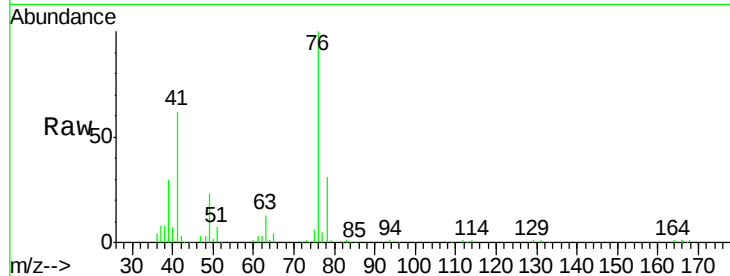
#57
 1,3-Dichloropropane
 Concen: 22.91 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion: 76 Resp: 62167
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.4 39.6

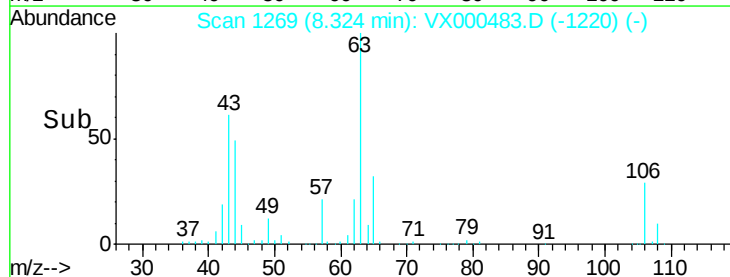
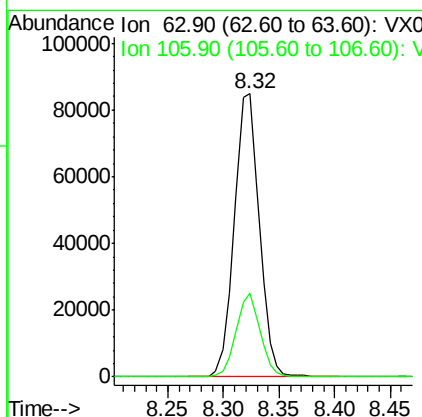
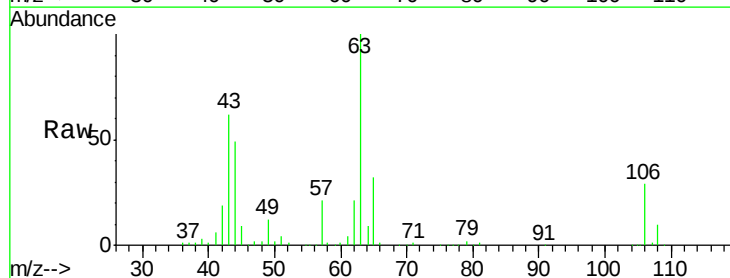
Manual Integrations
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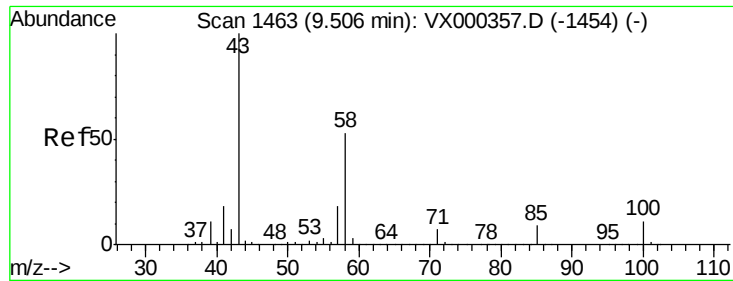
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#58
 2-Chloroethyl Vinyl ether
 Concen: 107.50 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion: 63 Resp: 132640
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.2 34.8





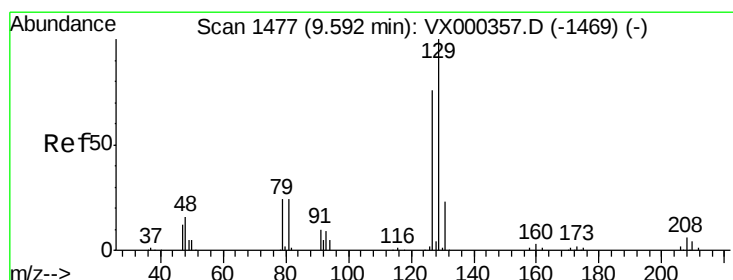
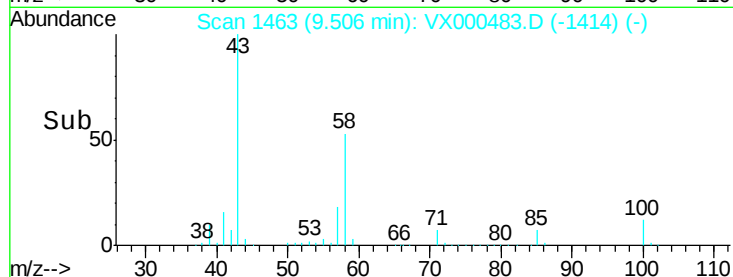
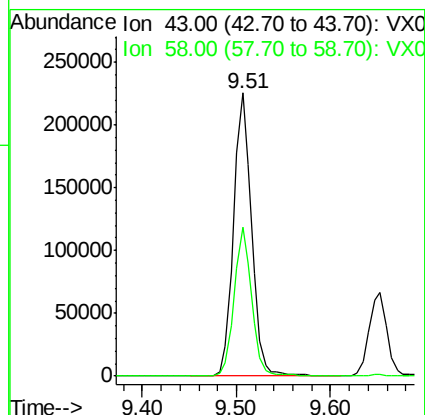
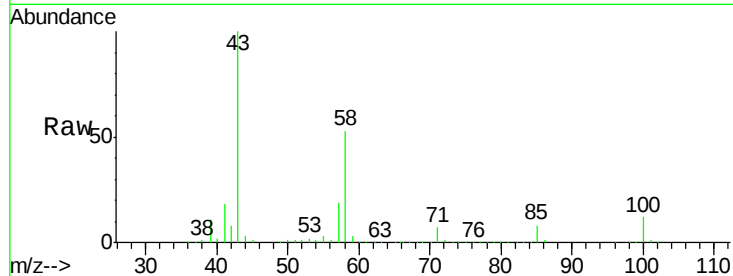
#59
2-Hexanone
Concen: 110.45 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion: 43 Resp: 299971
Ion Ratio Lower Upper
43 100
58 51.0 26.6 79.7

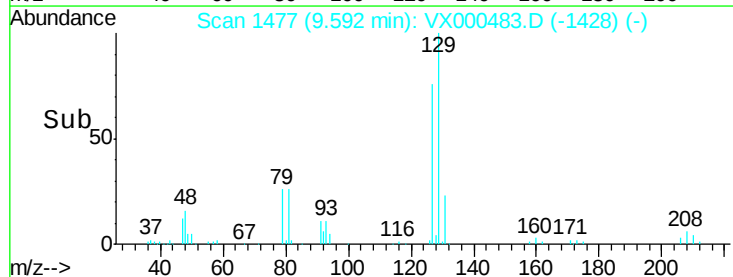
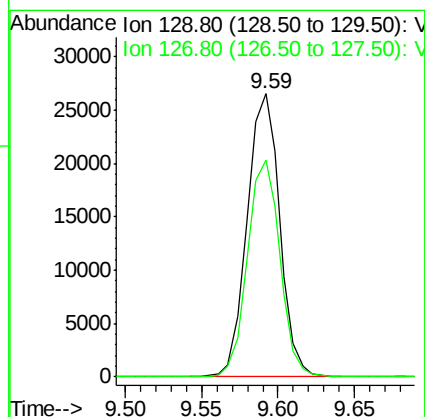
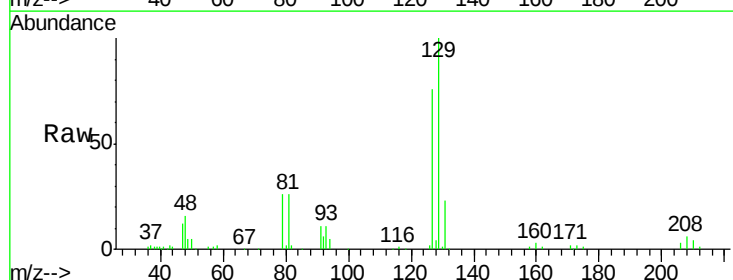
Manual Integrations
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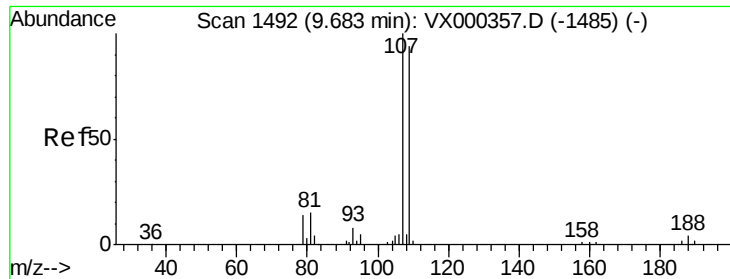
MMDadoda
3/29/2018 11:19:41 AM



#60
Dibromochloromethane
Concen: 22.02 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 129 Resp: 39172
Ion Ratio Lower Upper
129 100
127 76.3 37.9 113.6





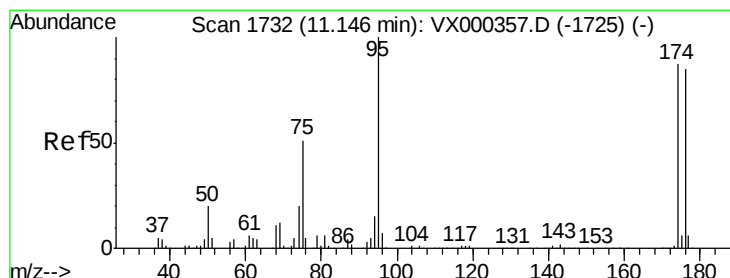
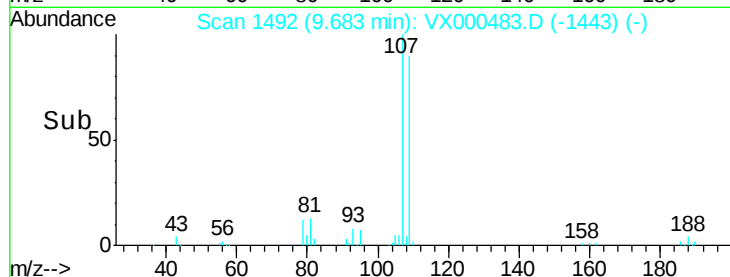
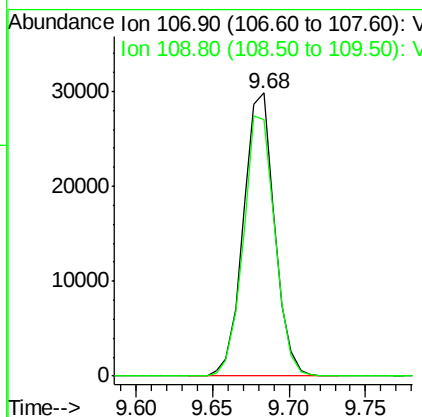
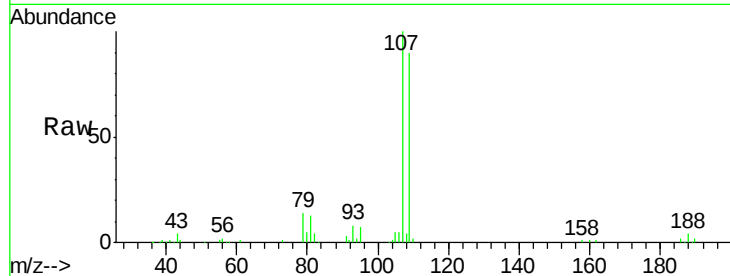
#61
 1,2-Dibromoethane
 Concen: 23.09 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion:107 Resp: 42004
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.1 114.1

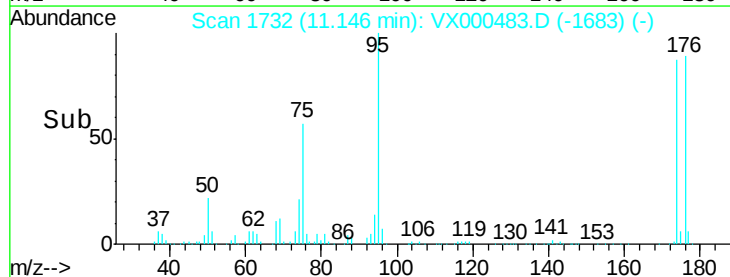
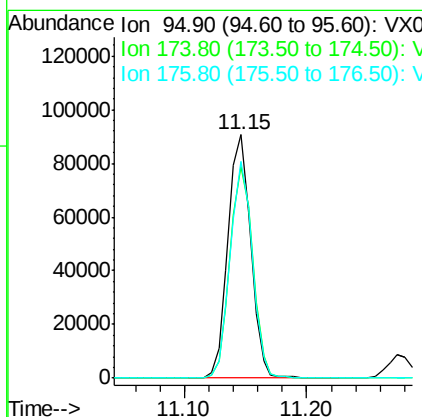
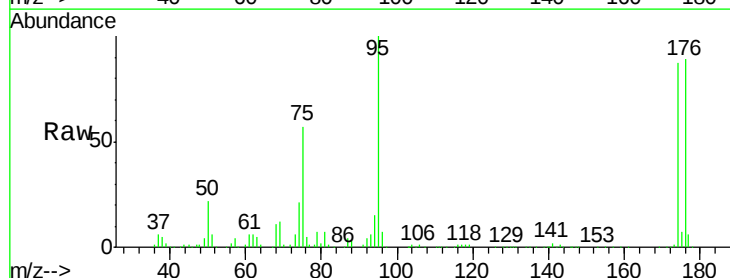
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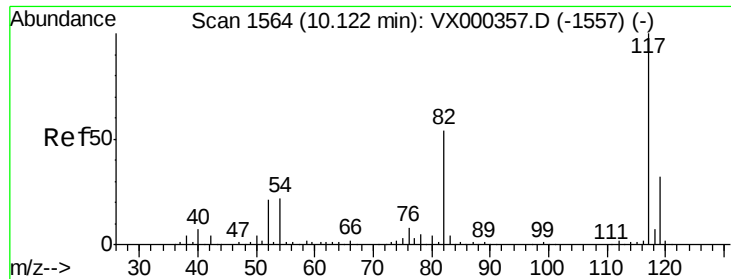
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#62
 4-Bromofluorobenzene
 Concen: 48.91 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion: 95 Resp: 116672
 Ion Ratio Lower Upper
 95 100
 174 87.3 0.0 173.6
 176 86.5 0.0 164.6





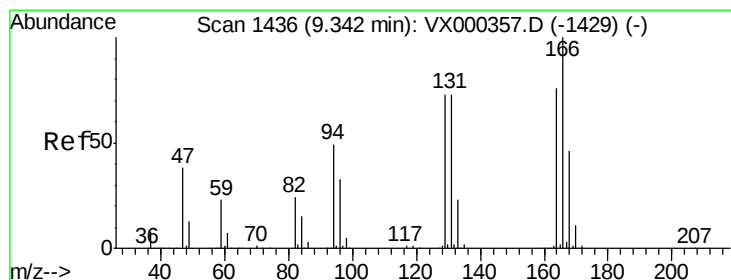
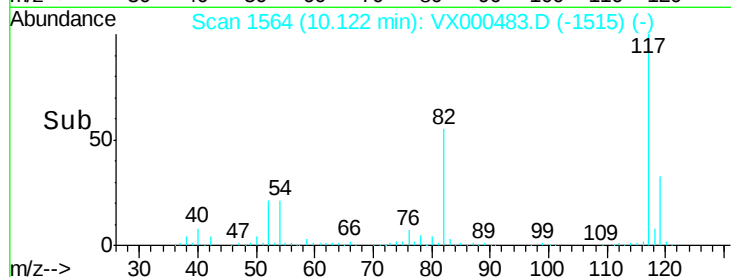
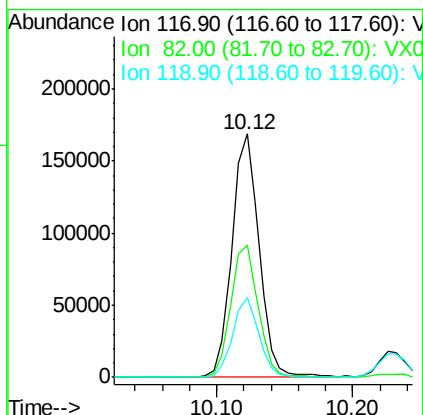
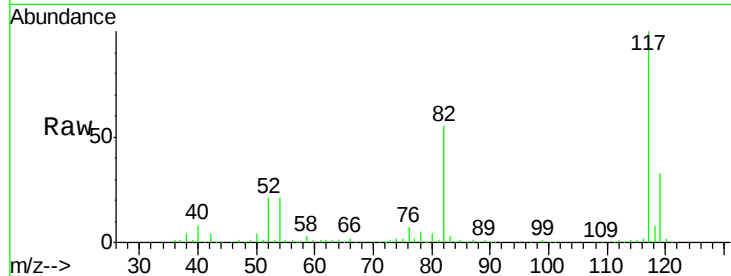
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.8
119	32.6	24.9	37.3

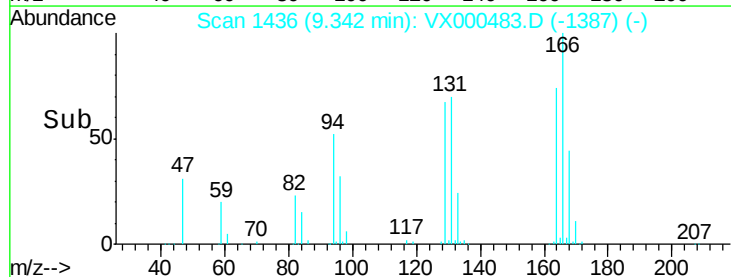
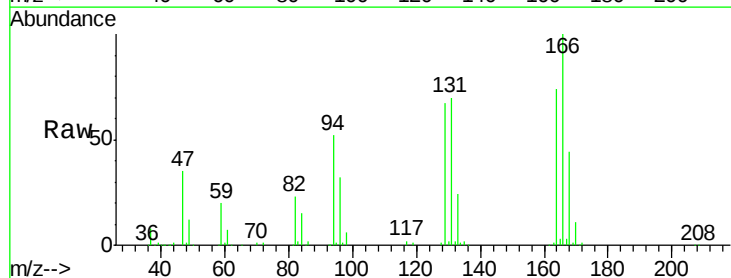
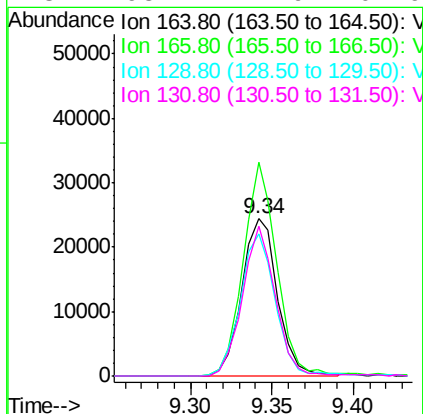
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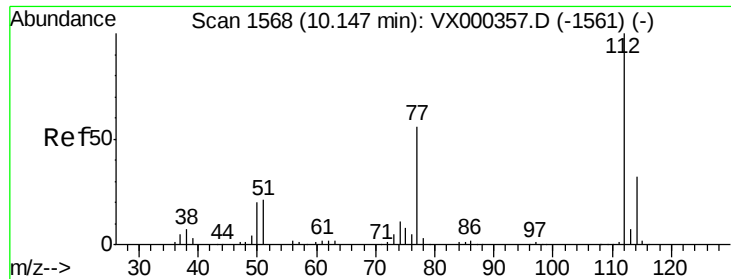
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#64
Tetrachloroethene
Concen: 20.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.9	101.0	151.6
129	90.5	79.0	118.4
131	95.4	71.9	107.9





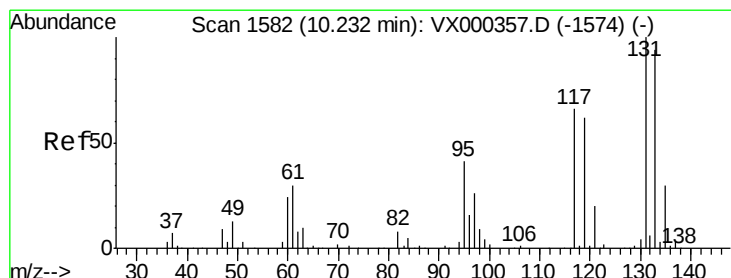
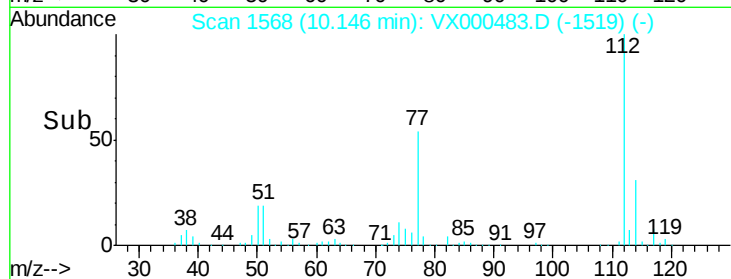
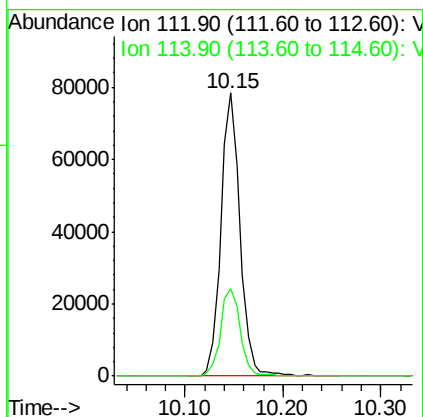
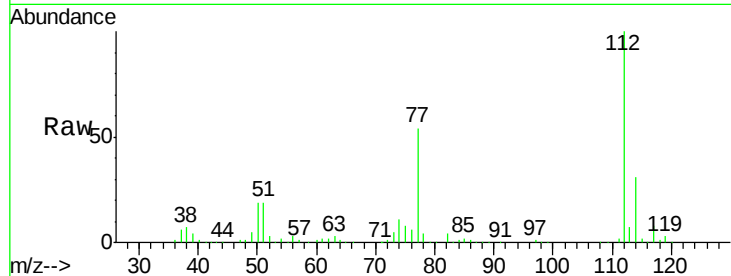
#65
Chlorobenzene
Concen: 20.33 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion:112 Resp: 105972
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

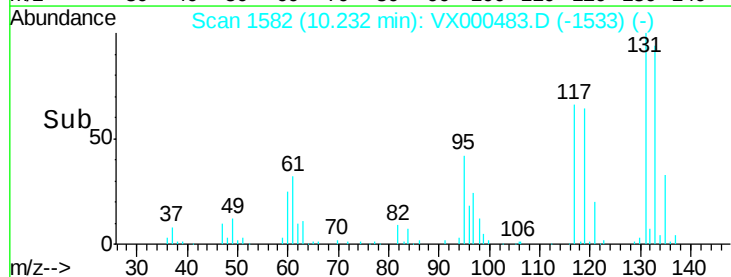
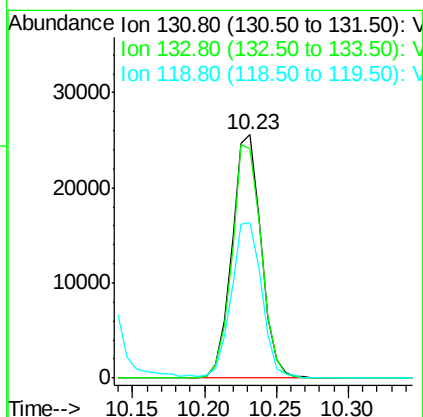
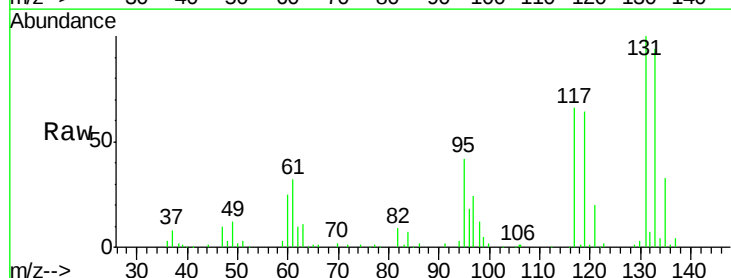
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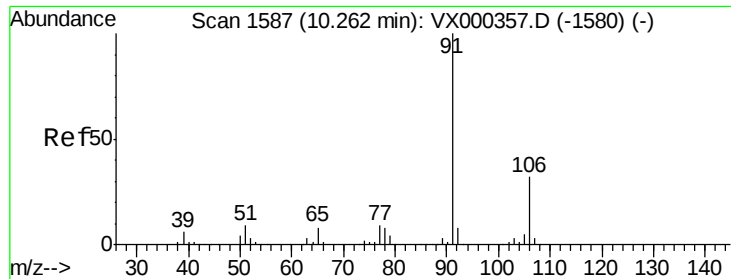
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.43 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion:131 Resp: 36161
Ion Ratio Lower Upper
131 100
133 96.8 47.1 141.3
119 66.9 33.1 99.2





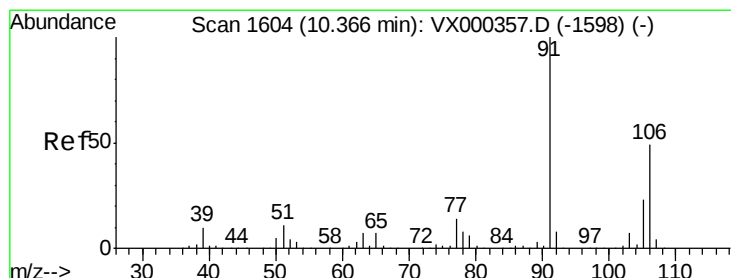
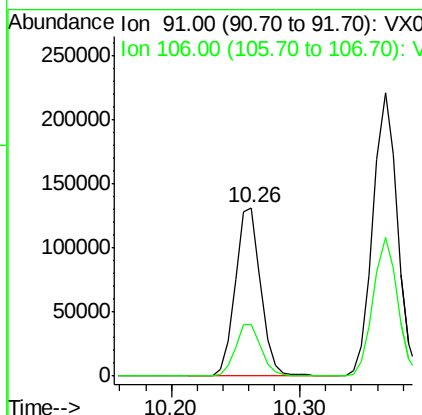
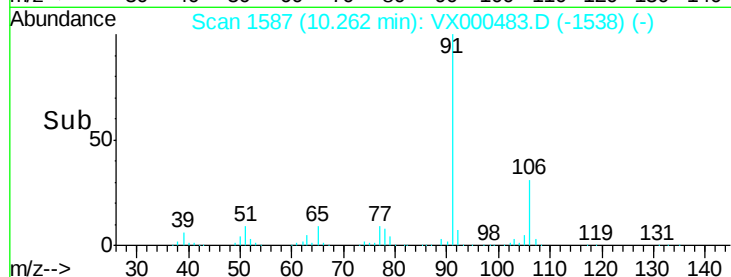
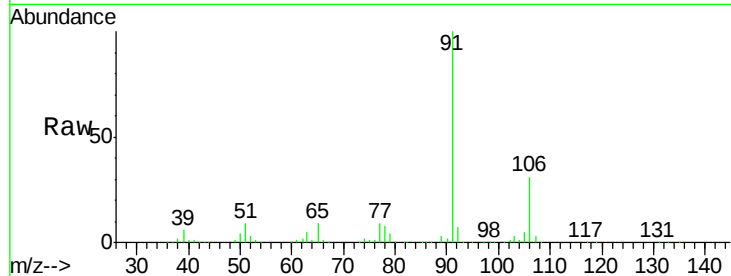
#67
Ethyl Benzene
Concen: 20.53 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion: 91 Resp: 181396
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6

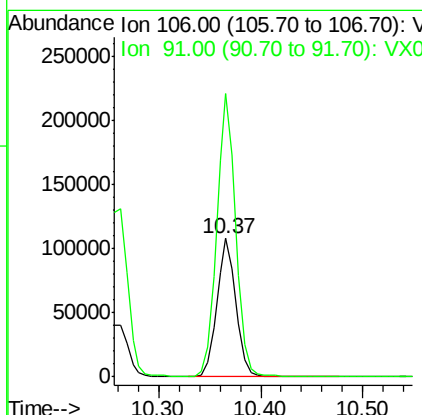
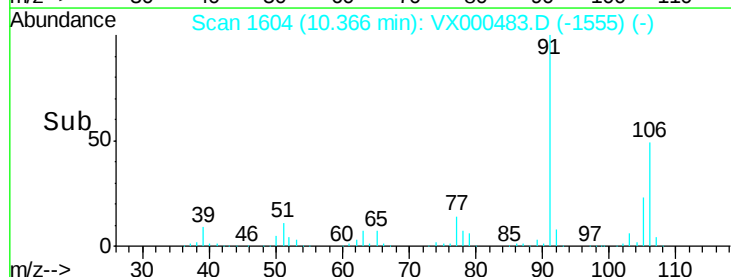
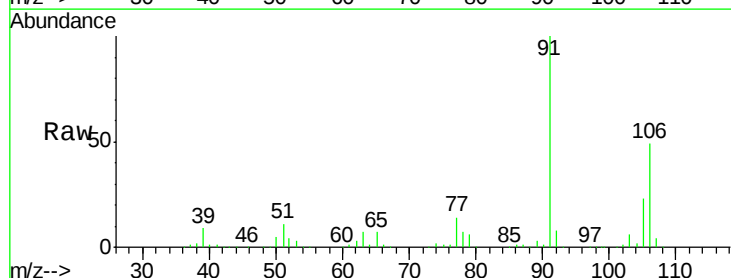
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#68
m/p-Xylenes
Concen: 40.99 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 106 Resp: 142510
Ion Ratio Lower Upper
106 100
91 202.5 163.4 245.2





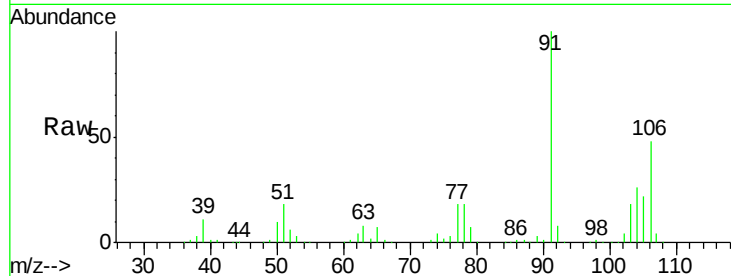
#69
o-Xylene
Concen: 20.61 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

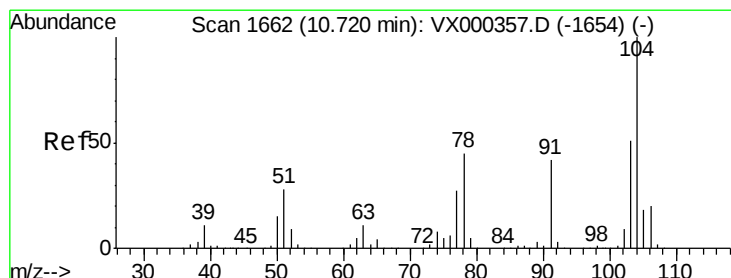
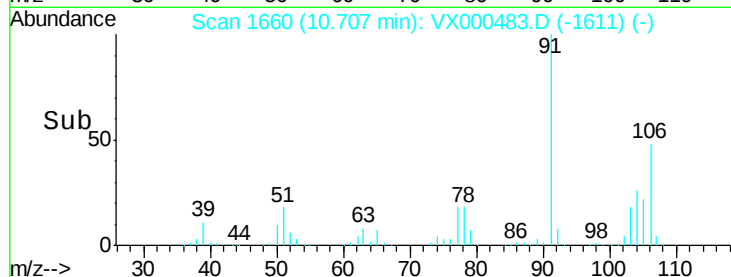
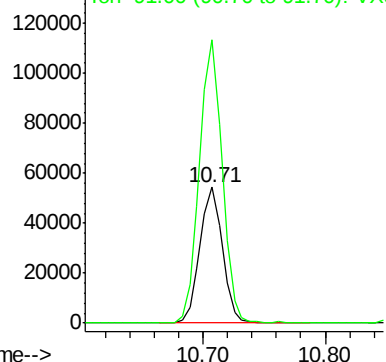
Tot Ion:106 Resp: 69364
Ion Ratio Lower Upper
106 100
91 210.7 106.5 319.6

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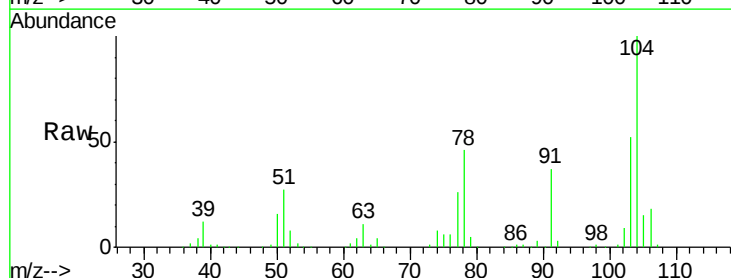


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

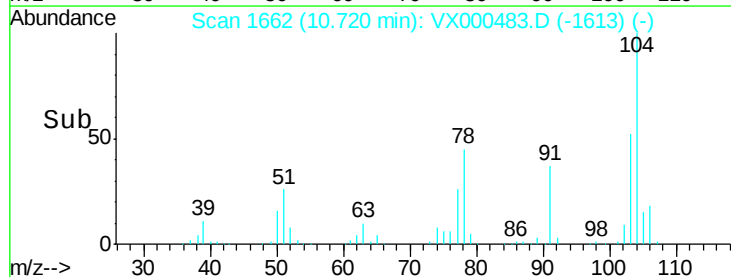
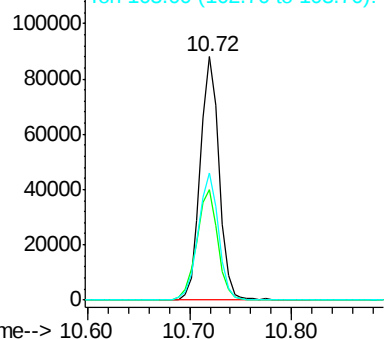


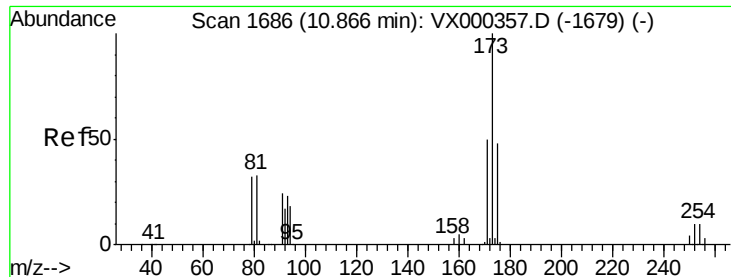
#70
Styrene
Concen: 20.14 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion:104 Resp: 112179
Ion Ratio Lower Upper
104 100
78 50.8 40.5 60.7
103 56.2 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





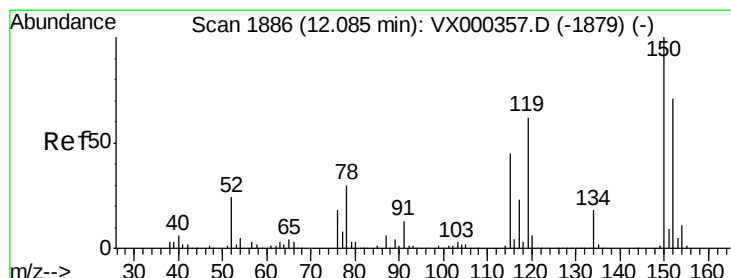
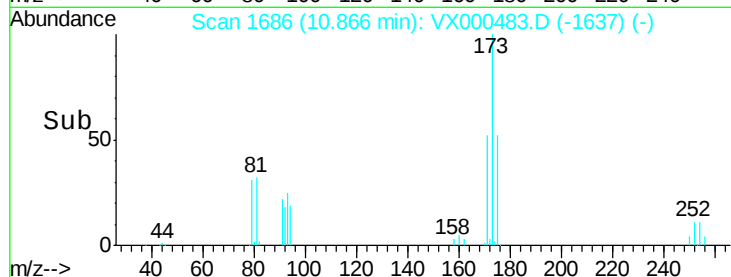
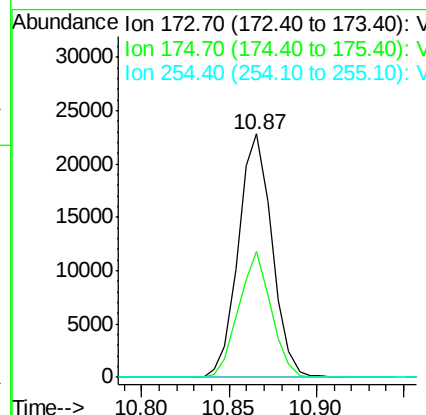
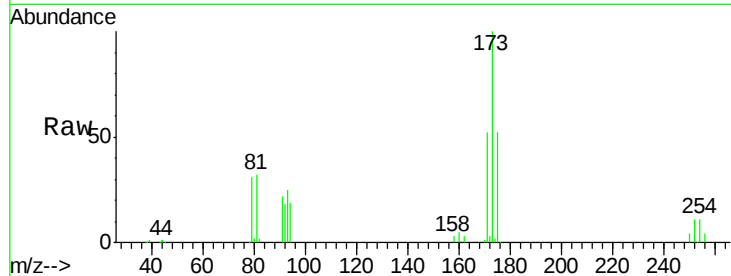
#71
Bromoform
Concen: 19.75 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	25.4	76.4
254	0.0	0.0	0.0

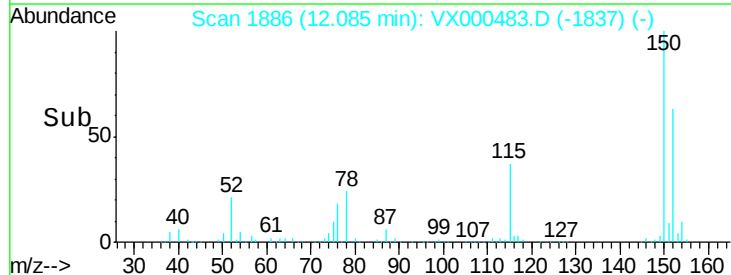
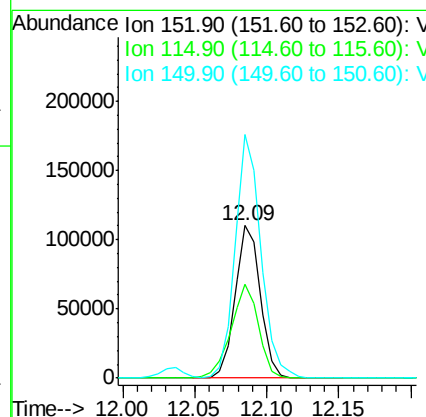
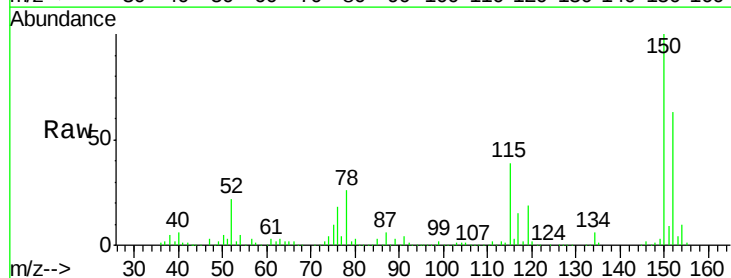
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.6	39.8	119.3
150	164.0	0.0	344.4





#73

Isopropylbenzene

Concen: 21.19 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion:105 Resp: 189742

Ion Ratio Lower Upper

105 100

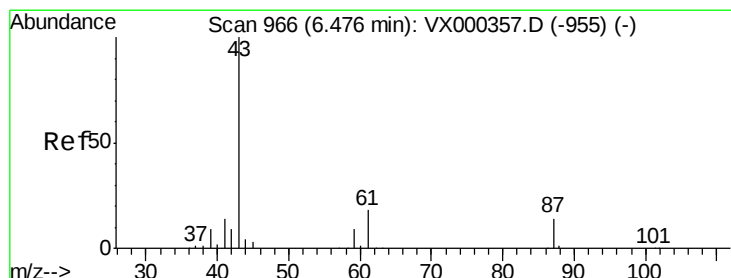
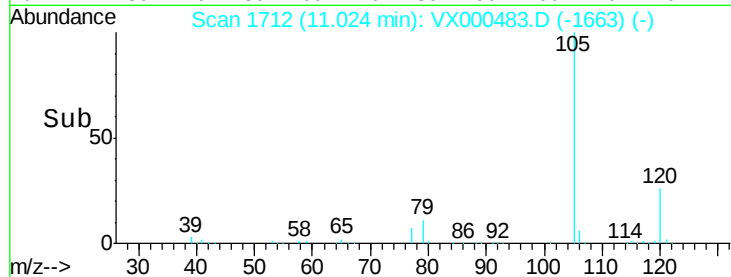
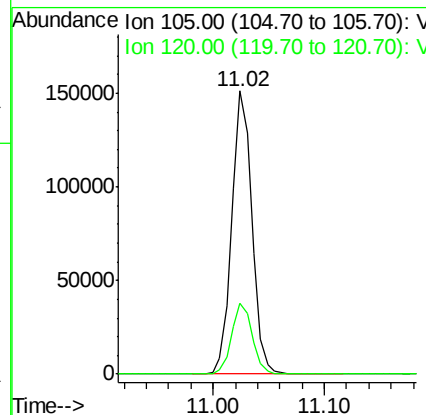
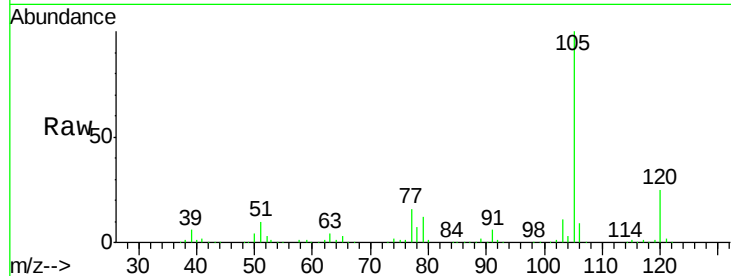
120 25.4 13.6 40.7

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#74

N-ethyl acetate

Concen: 20.19 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Tgt Ion: 43 Resp: 86459

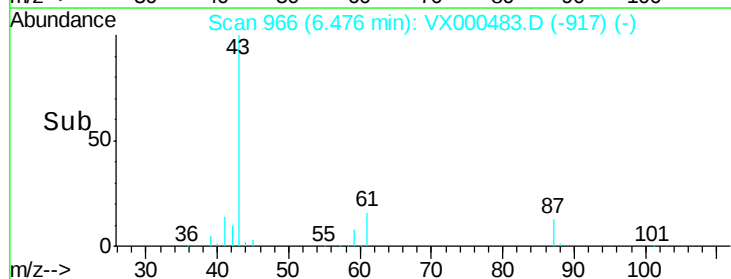
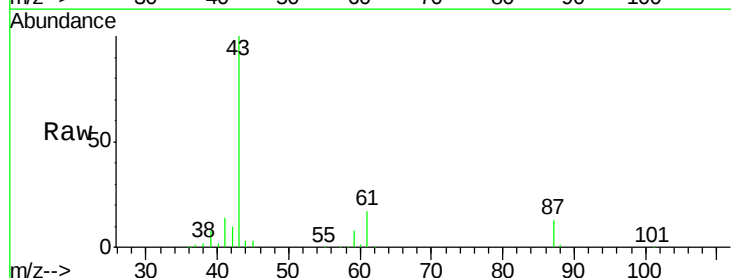
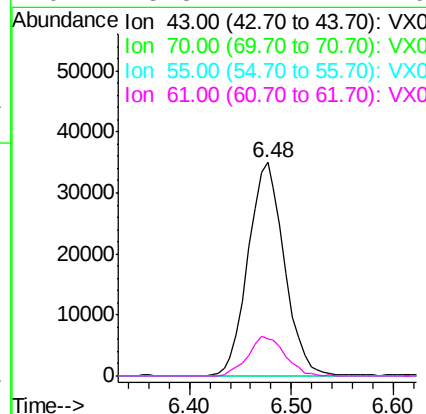
Ion Ratio Lower Upper

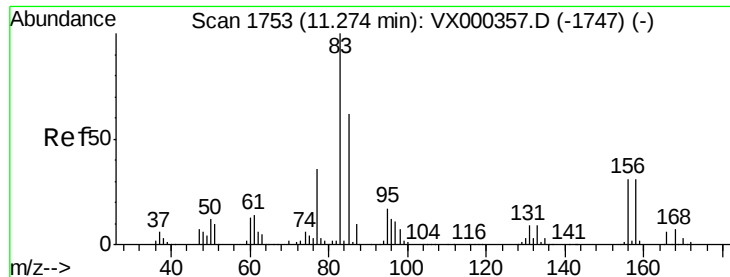
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.8 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.64 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

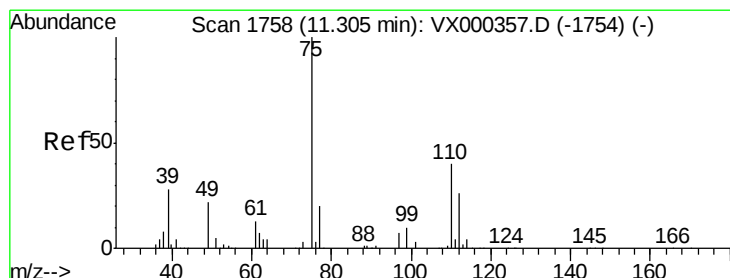
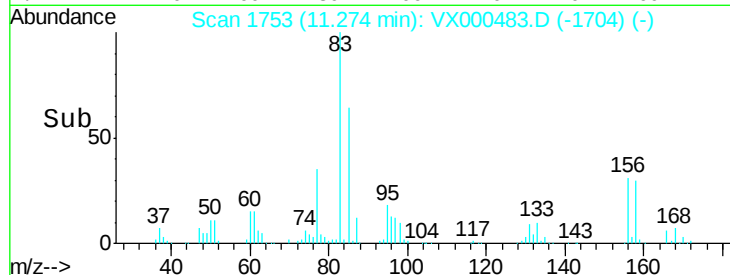
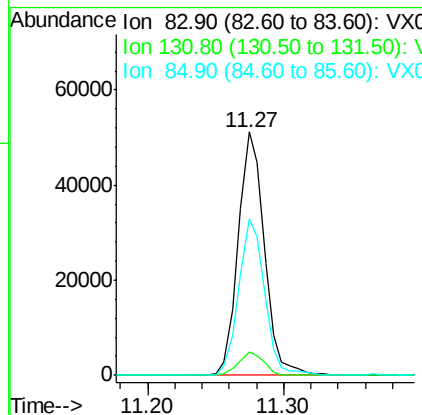
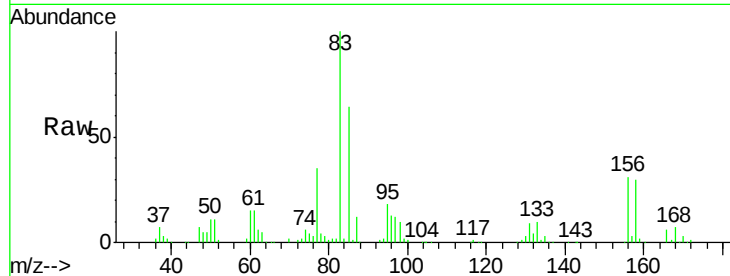
ClientSampleId :

VX0328WBSD01

Tot Ion:	83	Resp:	68528
Ion Ratio	Lower	Upper	
83	100		
131	9.2	5.0	14.9
85	63.9	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 21.16 ug/l m

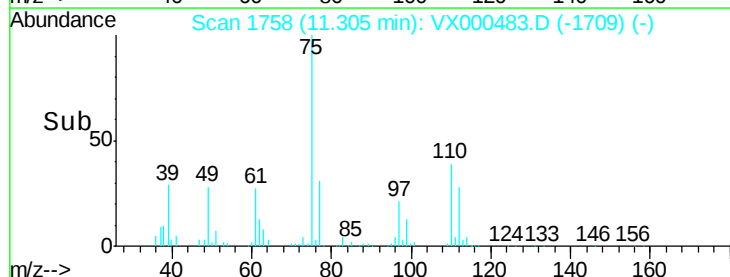
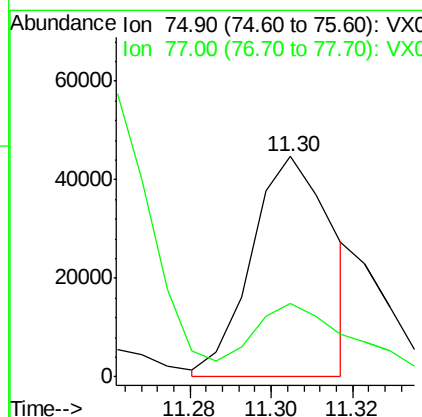
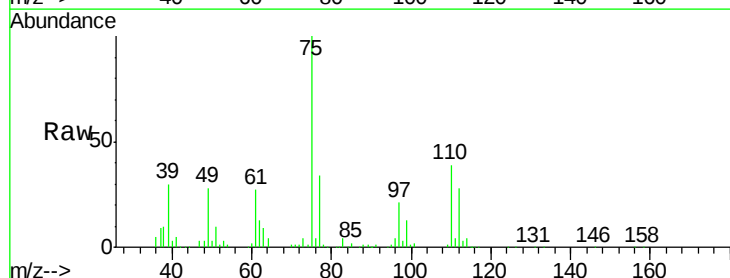
RT: 11.30 min Scan# 1758

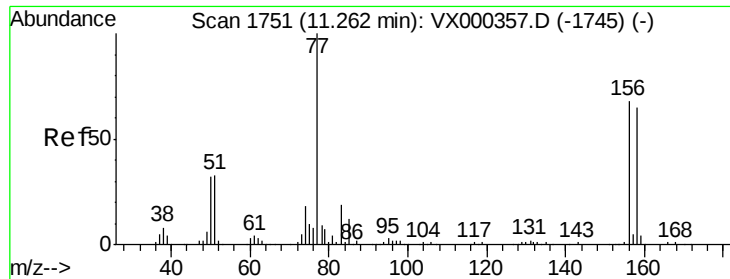
Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Tgt Ion:	75	Resp:	61463
Ion Ratio	Lower	Upper	
75	100		
77	41.5	21.4	64.2





#77

Bromobenzene

Concen: 20.14 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion:156 Resp: 48041

Ion Ratio Lower Upper

156 100

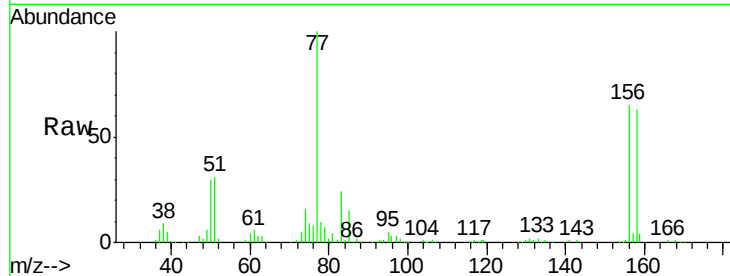
77 147.6 73.4 220.2

158 96.2 48.5 145.6

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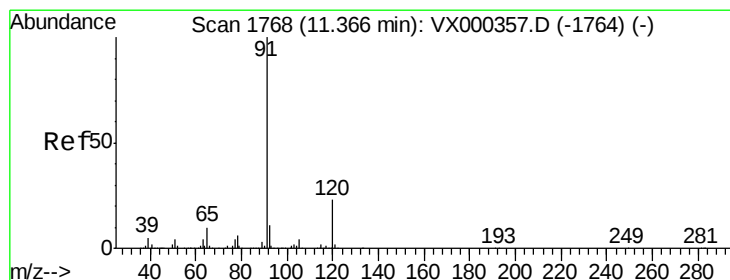
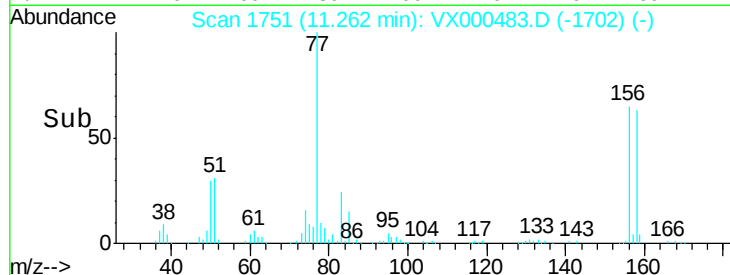
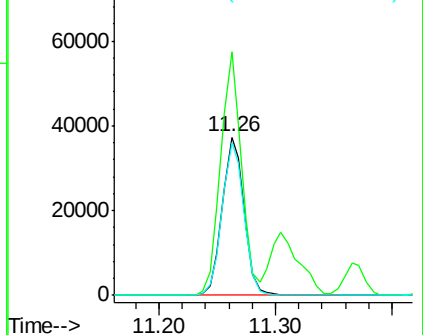
3/29/2018 11:19:41 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.73 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000483.D

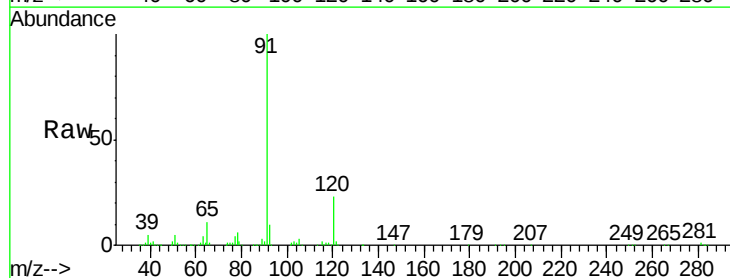
Acq: 28 Mar 2018 12:53

Tgt Ion: 91 Resp: 221327

Ion Ratio Lower Upper

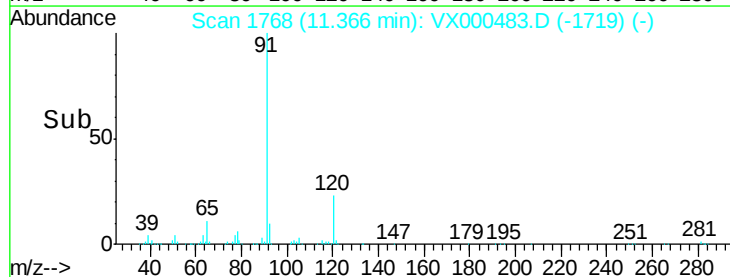
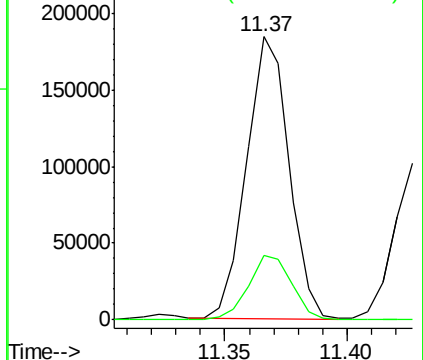
91 100

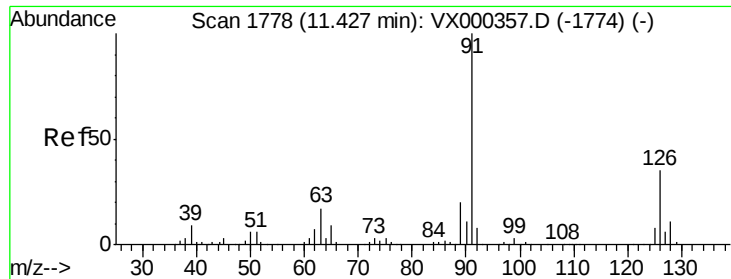
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





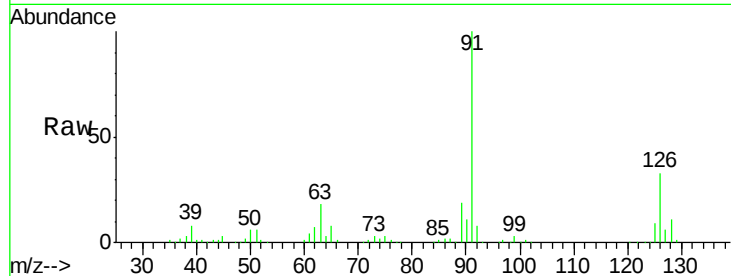
#79
 2-Chlorotoluene
 Concen: 20.40 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

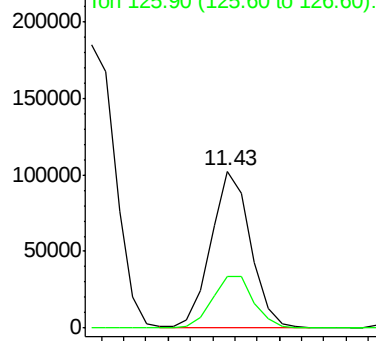
Tot Ion: 91 Resp: 125844
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.7 53.1

Manual Integrations
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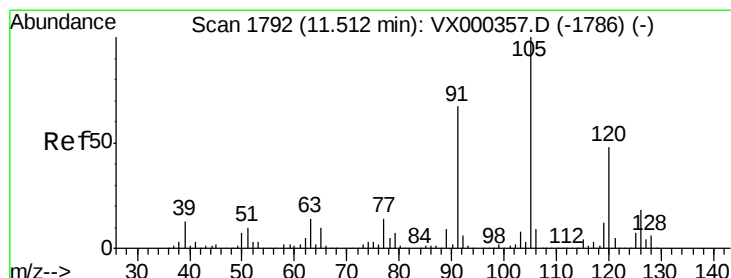
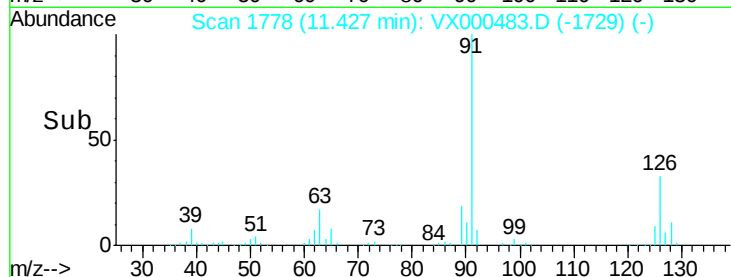
MMDadoda
 3/29/2018 11:19:41 AM



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

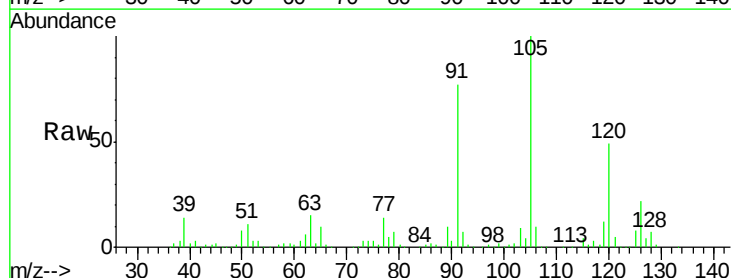


Time-->

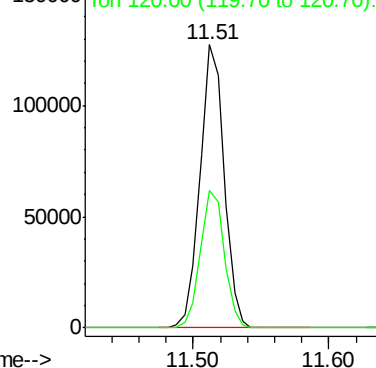


#80
 1,3,5-Trimethylbenzene
 Concen: 20.82 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

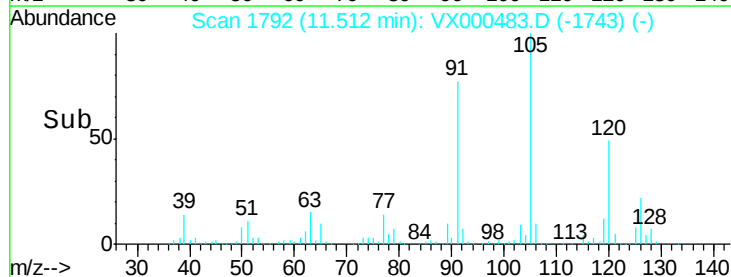
Tgt Ion: 105 Resp: 156755
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



Time-->





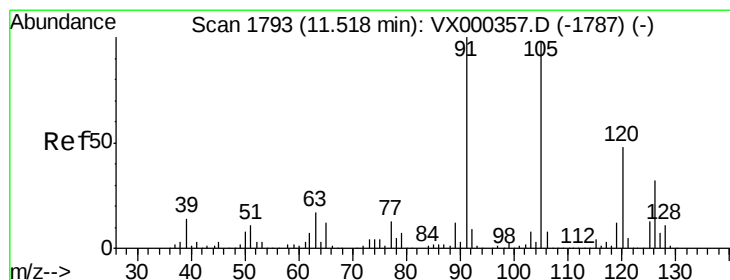
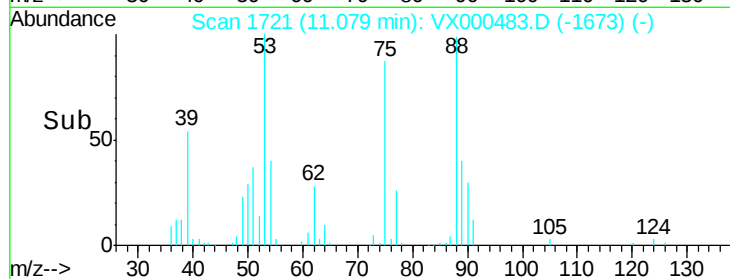
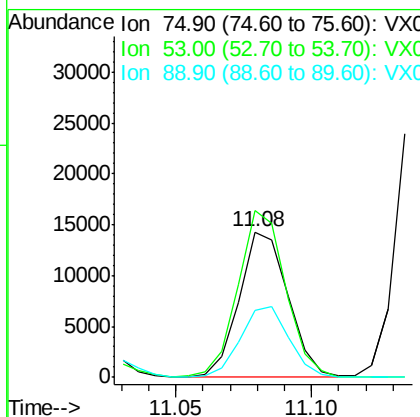
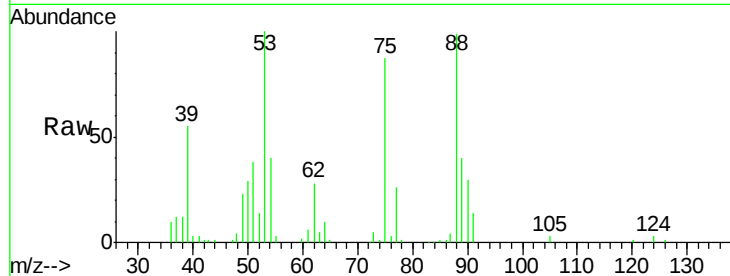
#81
trans-1,4-Dichloro-2-butene
Concen: 19.98 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.9	80.7	121.1
89	48.4	39.4	59.0

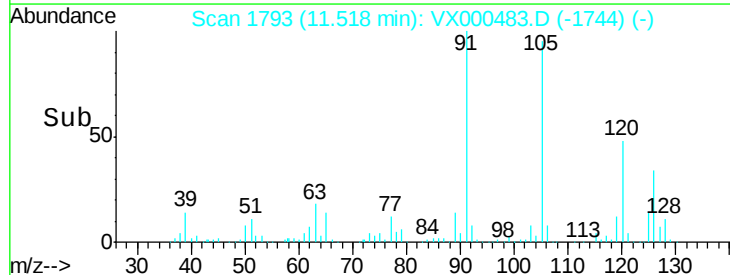
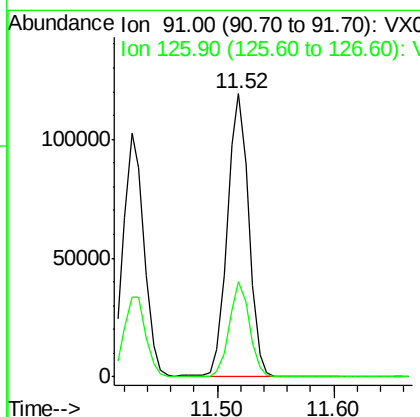
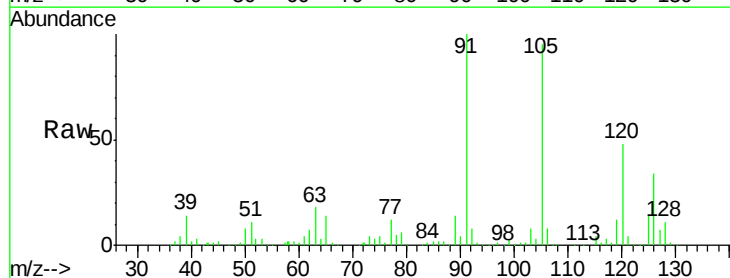
Manual Integrations
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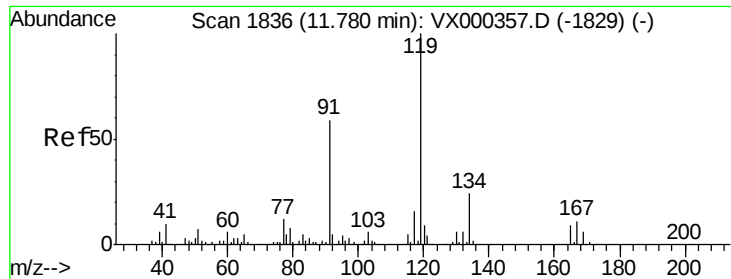
MM Dadoda
3/29/2018 11:19:41 AM



#82
4-Chlorotoluene
Concen: 20.56 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.4	46.1





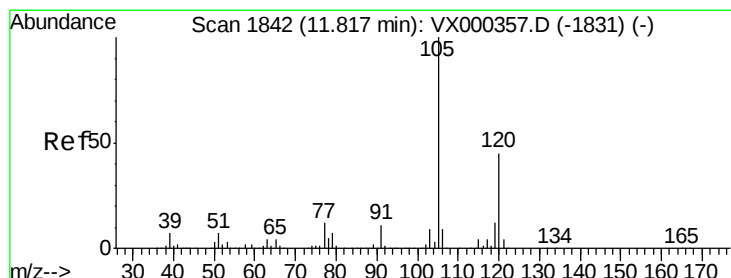
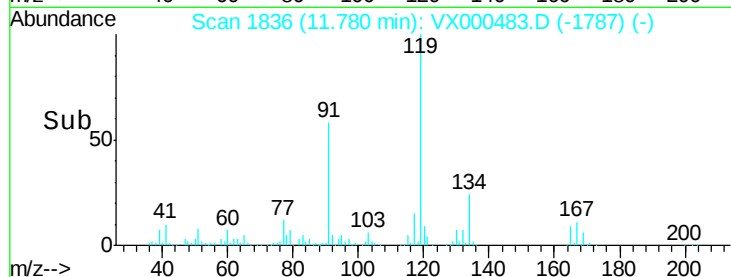
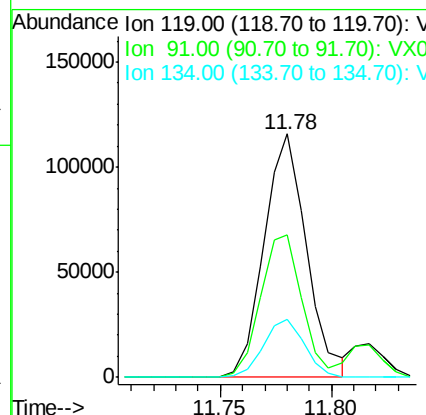
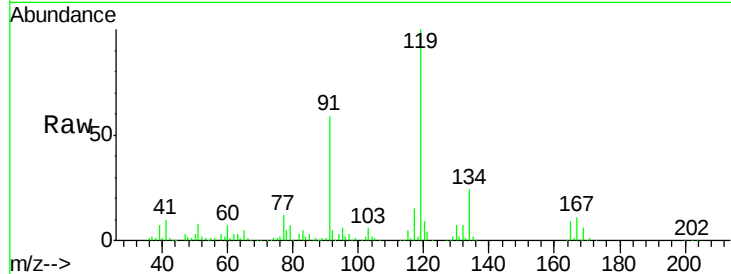
#83
tert-Butylbenzene
Concen: 20.20 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	153373		
91	57.0		28.8	86.4
134	23.2		11.4	34.1

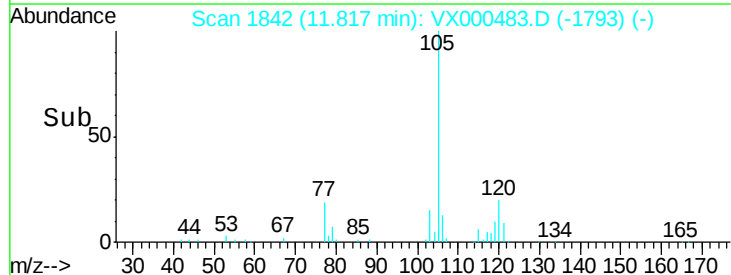
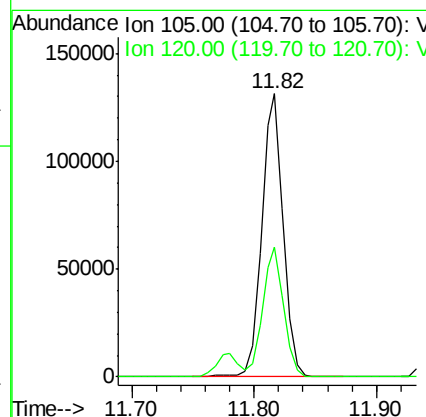
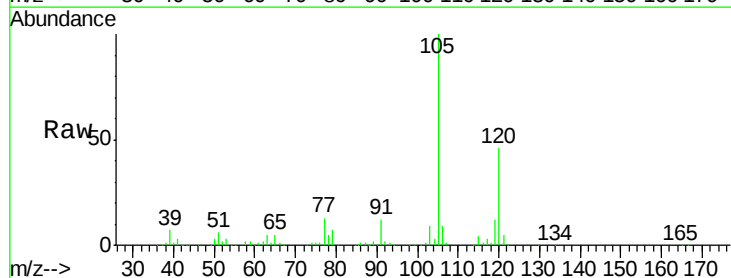
Manual Integrations
APPROVED

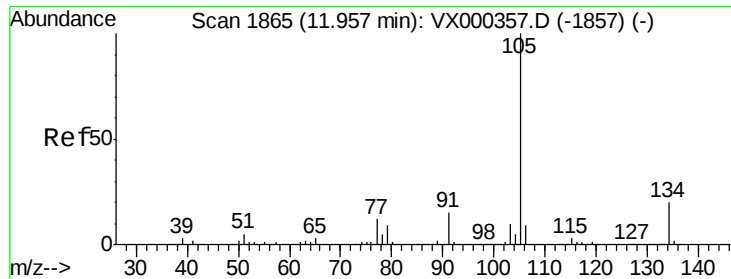
MMDadoda
3/29/2018 11:19:41 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.25 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	159837		
120	44.9		22.4	67.3





#85

sec-Butylbenzene

Concen: 20.73 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion:105 Resp: 194772

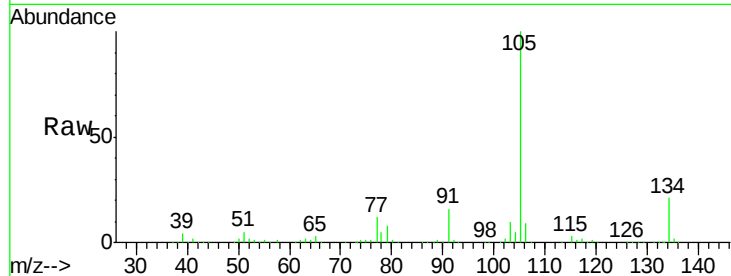
Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8

Manual Integrations
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3/29/2018 11:19:41 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

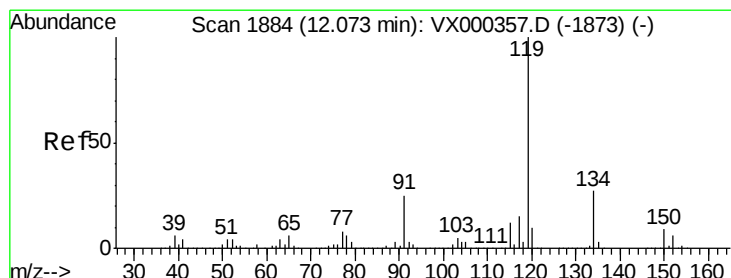
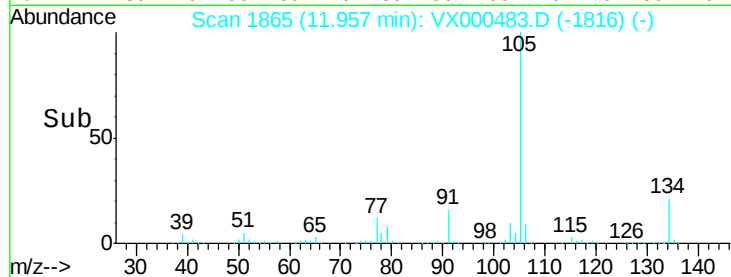
11.96

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.65 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

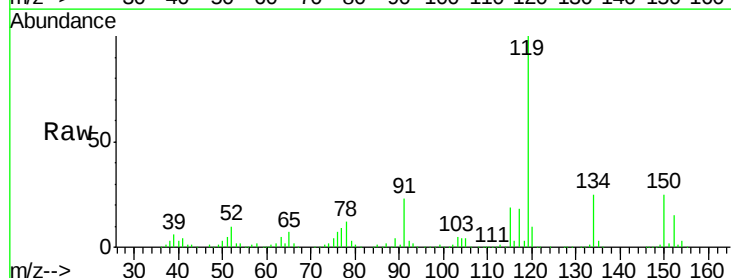
Tgt Ion:119 Resp: 172266

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 24.6 12.0 36.1



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

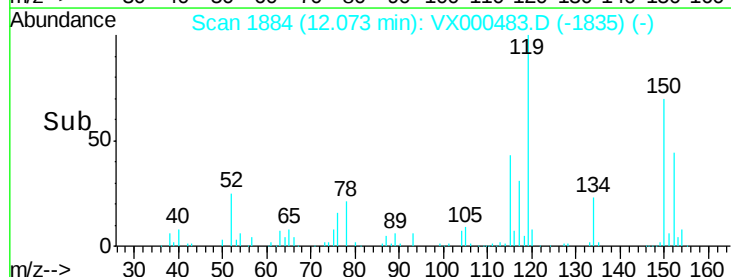
12.07

100000

50000

0

Time-->





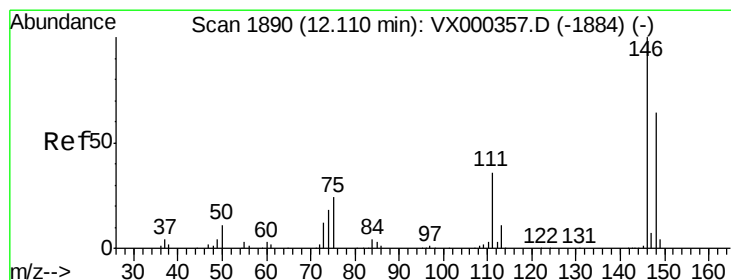
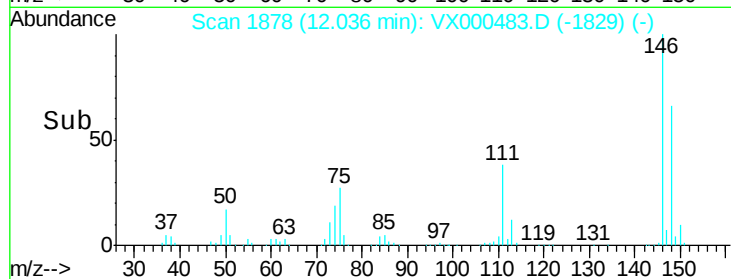
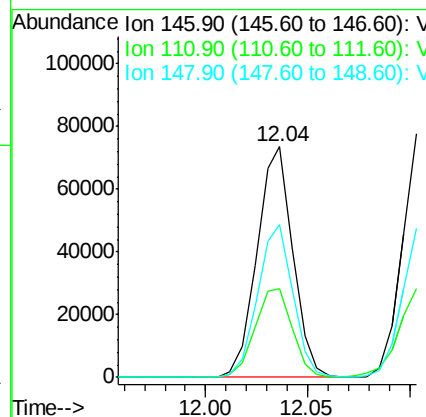
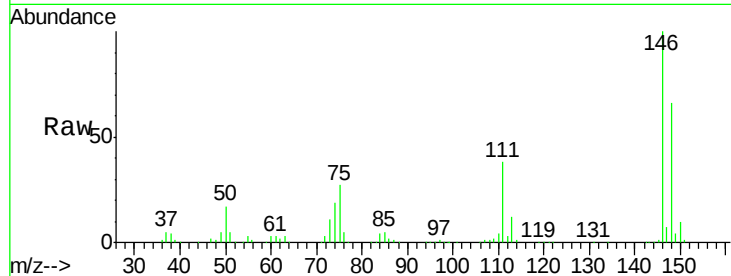
#87
 1,3-Dichlorobenzene
 Concen: 19.95 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.5	58.5
148	65.2	32.4	97.0

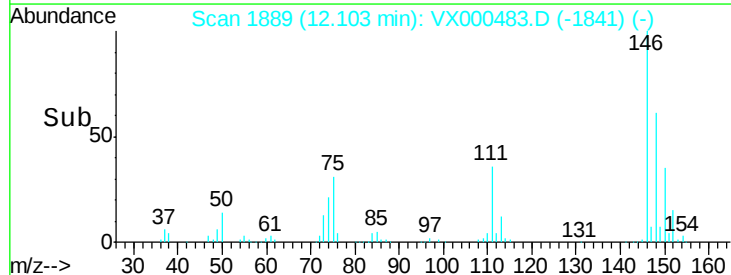
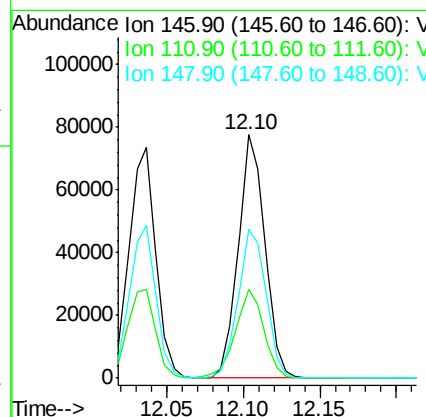
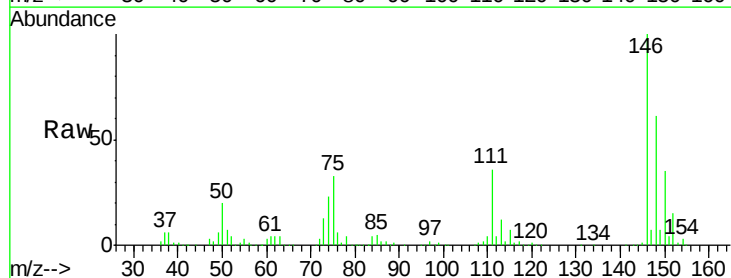
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 19.86 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.9	56.9
148	64.2	31.0	93.0





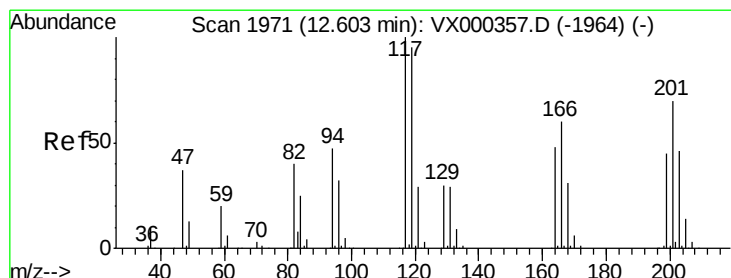
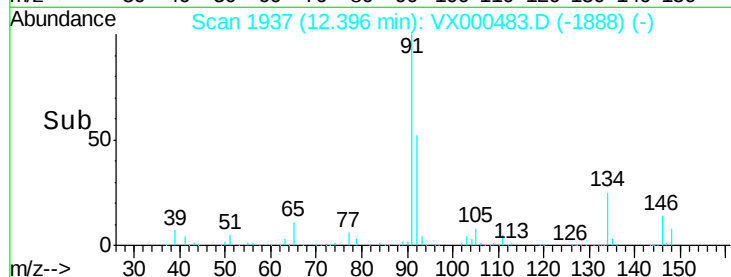
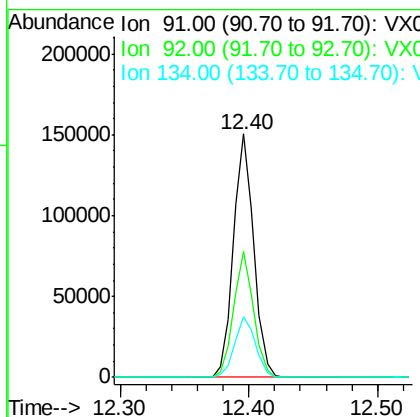
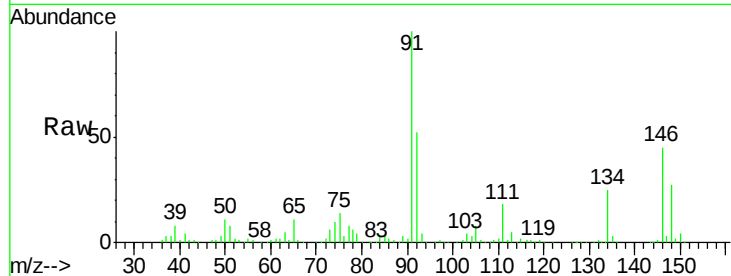
#89
n-Butylbenzene
Concen: 21.37 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	166016		
92	50.8	25.9	77.8	
134	25.5	13.1	39.3	

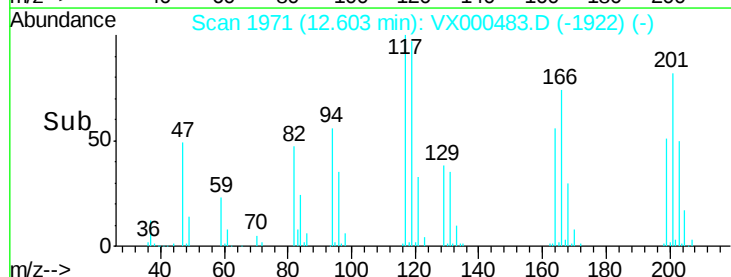
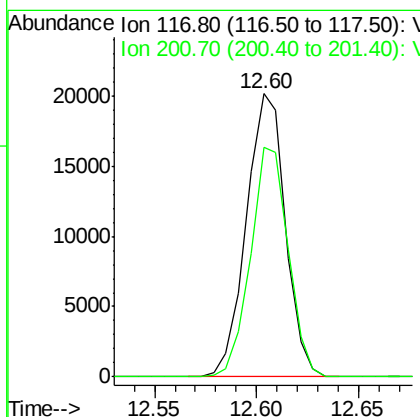
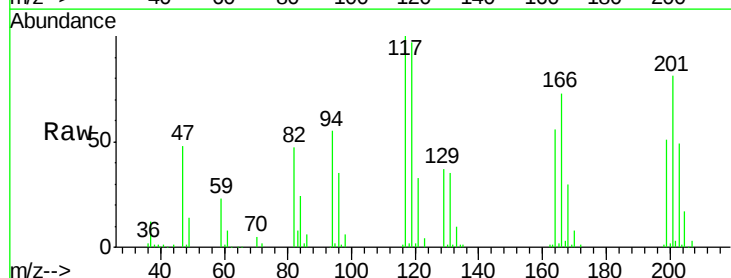
Manual Integrations
APPROVED

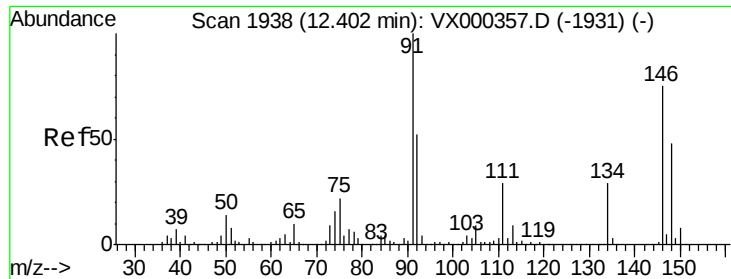
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#90
Hexachloroethane
Concen: 20.38 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26762		
201	78.8	37.9	113.6	





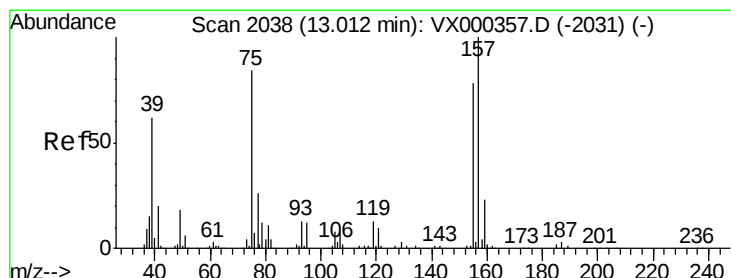
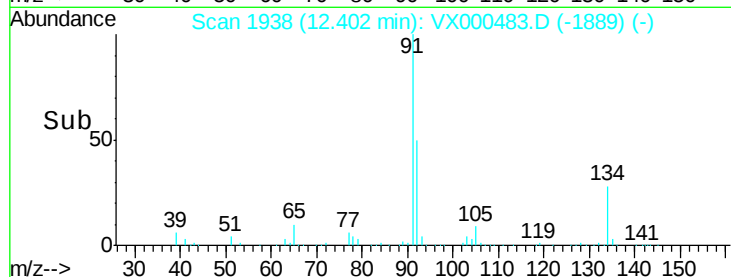
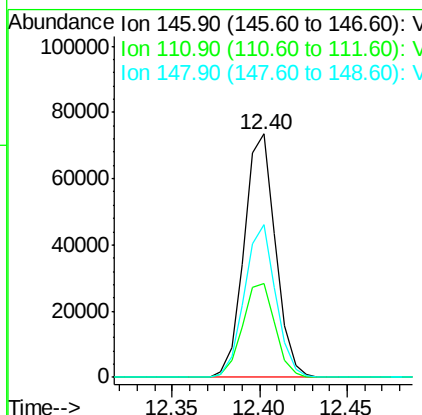
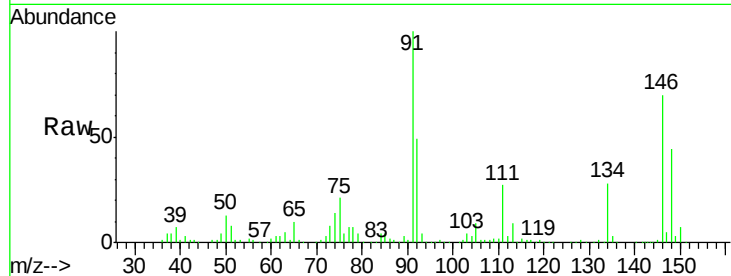
#91
1,2-Dichlorobenzene
Concen: 20.69 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	62.4	31.2	93.6

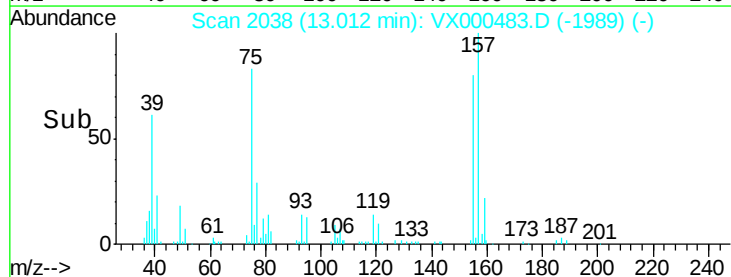
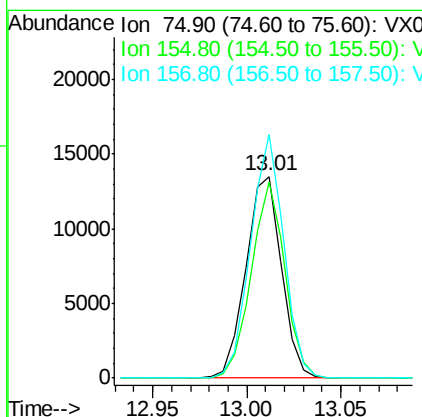
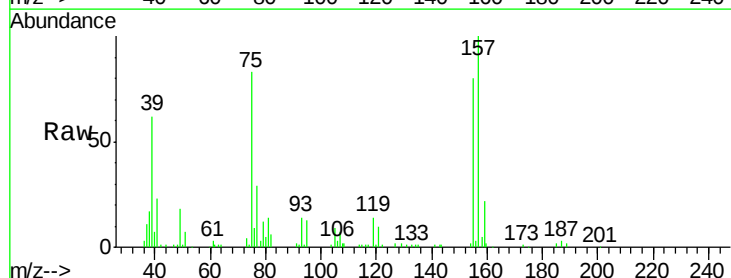
Manual Integrations
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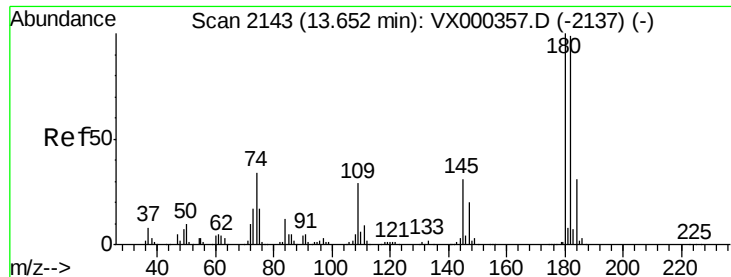
MMDadoda
3/29/2018 11:19:41 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.03 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.2	45.0	134.8
157	112.2	58.1	174.2





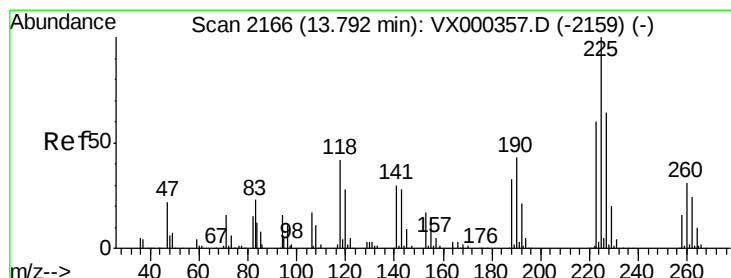
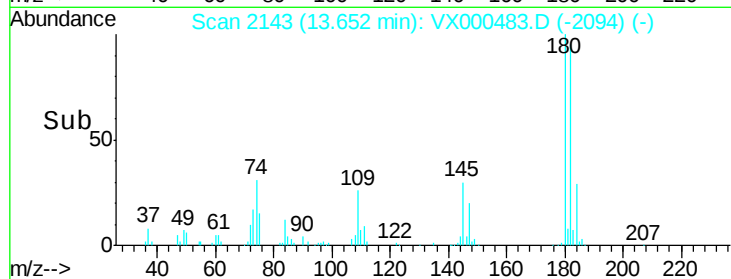
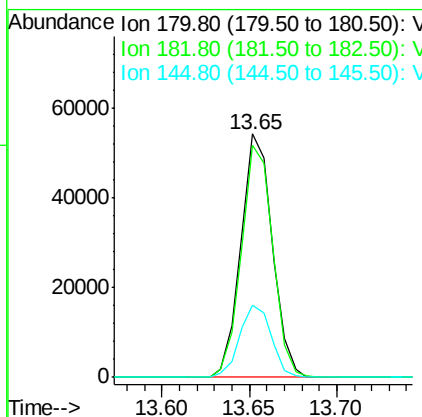
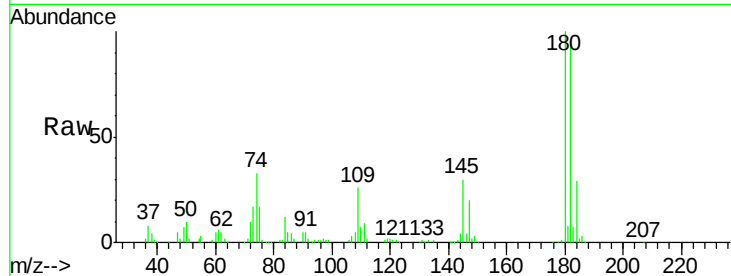
#93
 1,2,4-Trichlorobenzene
 Concen: 21.36 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.9
145	29.7	15.1	45.3

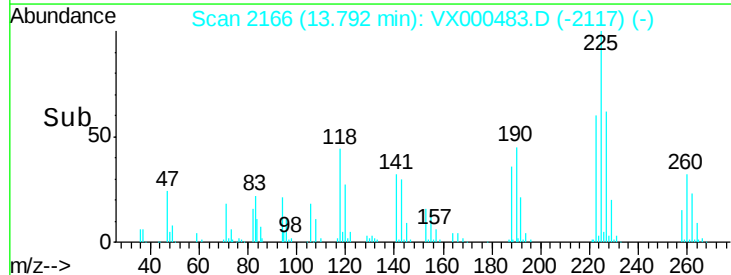
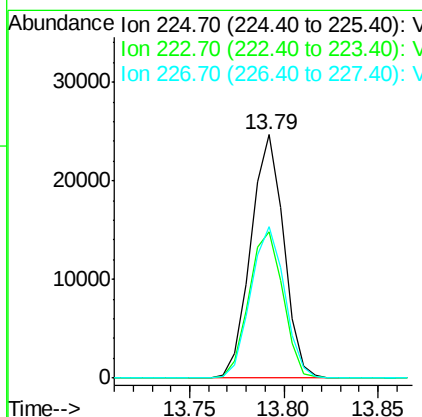
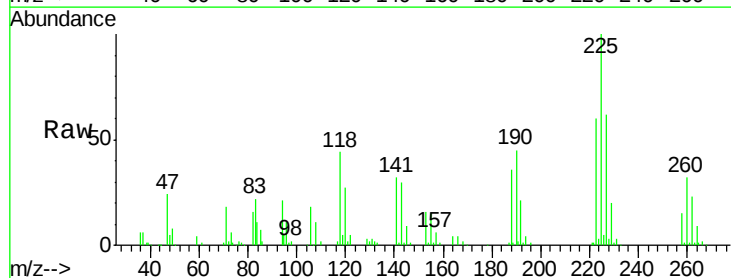
Manual Integrations
 APPROVED

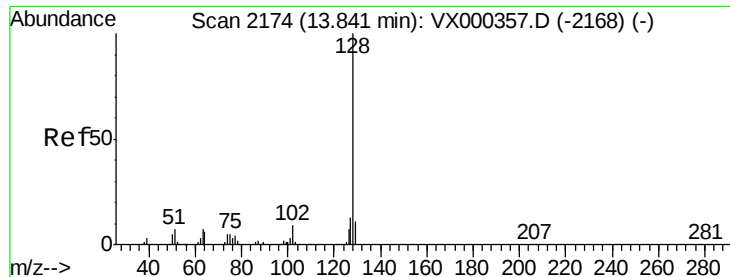
MMDadoda
 3/29/2018 11:19:41 AM



#94
 Hexachlorobutadiene
 Concen: 22.77 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	32.0	96.0
227	64.0	32.6	98.0





#95

Naphthalene

Concen: 21.27 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

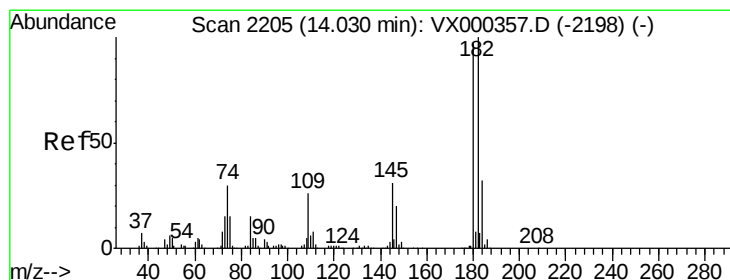
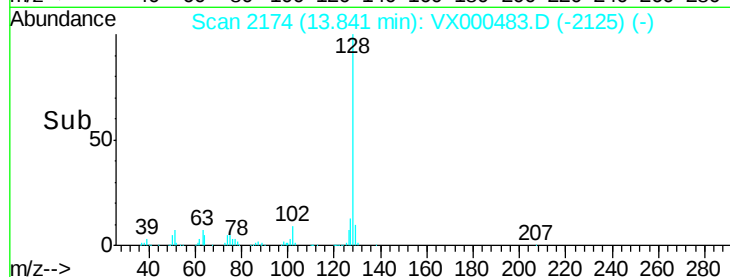
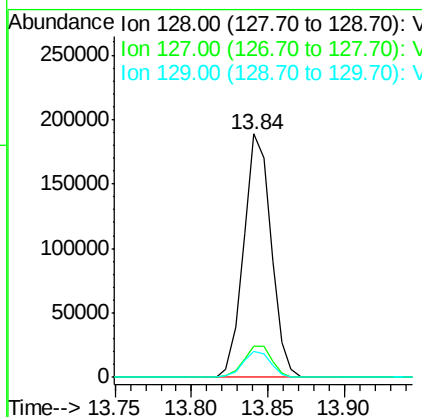
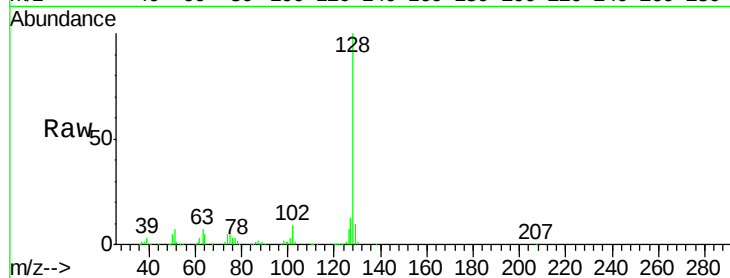
ClientSampleId :

VX0328WBSD01

Tot Ion:	128	Resp:	234904
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
3/29/2018 11:19:41 AM



#96

1,2,3-Trichlorobenzene

Concen: 22.12 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Tgt Ion:	180	Resp:	69296
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.4	142.3
145	30.1	15.8	47.3

