

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004972.D
 Acq On : 03 Oct 2018 16:39
 Operator : JC/MD
 Sample : VX1004WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:44 PM

Quant Time: Oct 04 01:45:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210479	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176604	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	5.50	113	146022	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
50) Toluene-d8	8.72	98	557658	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	11.14	95	205115	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70750	20.540	ug/l	98
3) Chloromethane	1.32	50	77591	18.567	ug/l	100
4) Vinyl Chloride	1.40	62	78538	20.037	ug/l	99
5) Bromomethane	1.64	94	41061	17.666	ug/l	90
6) Chloroethane	1.71	64	45578	19.938	ug/l	99
7) Trichlorofluoromethane	1.92	101	99970	20.602	ug/l	93
8) Diethyl Ether	2.19	74	43195	20.491	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56892	20.583	ug/l	99
10) Methyl Iodide	2.51	142	50534	13.662	ug/l	93
11) Tert butyl alcohol	3.08	59	106989	106.027	ug/l	100
12) 1,1-Dichloroethene	2.37	96	54481	19.903	ug/l	94
13) Acrolein	2.29	56	25502	35.521	ug/l	91
14) Allyl chloride	2.72	41	123655	20.704	ug/l	96
15) Acrylonitrile	3.15	53	232878	104.837	ug/l	96
16) Acetone	2.45	43	206927	98.213	ug/l	93
17) Carbon Disulfide	2.56	76	147103	17.884	ug/l	100
18) Methyl Acetate	2.78	43	129928	24.340	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	207543	21.981	ug/l	95
20) Methylene Chloride	2.85	84	65934	21.037	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	59467	19.845	ug/l	85
22) Diisopropyl ether	3.87	45	213042	21.183	ug/l	96
23) Vinyl Acetate	3.82	43	912768	99.147	ug/l	99
24) 1,1-Dichloroethane	3.70	63	120703	20.119	ug/l	99
25) 2-Butanone	4.71	43	311422	100.276	ug/l	97
26) 2,2-Dichloropropane	4.58	77	83822	20.064	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	65955	19.703	ug/l	94
28) Bromochloromethane	5.01	49	55727	19.725	ug/l	98
29) Tetrahydrofuran	5.16	42	204230	105.803	ug/l	99
30) Chloroform	5.21	83	110162	19.429	ug/l	99
31) Cyclohexane	5.57	56	97054	21.137	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	92675	20.014	ug/l	95
36) 1,1-Dichloropropene	5.79	75	79400	18.371	ug/l	95
37) Ethyl Acetate	4.86	43	109278	19.047	ug/l	97
38) Carbon Tetrachloride	5.78	117	77805	17.125	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91163	20.656	ug/l #	84
40) Benzene	6.14	78	248152	18.339	ug/l	95
41) Methacrylonitrile	5.06	41	60876	19.133	ug/l	97
42) 1,2-Dichloroethane	6.20	62	87643	18.322	ug/l	98
43) Isopropyl Acetate	6.46	43	160153	19.340	ug/l	96
44) Trichloroethene	7.21	130	67619	20.328	ug/l	95
45) 1,2-Dichloropropane	7.52	63	65518	19.745	ug/l	98
46) Dibromomethane	7.66	93	41573	19.935	ug/l	98
47) Bromodichloromethane	7.90	83	79004	20.234	ug/l	99
48) Methyl methacrylate	7.78	41	81043	21.563	ug/l	97
49) 1,4-Dioxane	7.76	88	39354	421.458	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	576642	110.596	ug/l	100
52) Toluene	8.79	92	154887	20.832	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	87568	19.847	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	97572	21.113	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	65768	20.194	ug/l	97
56) Ethyl methacrylate	9.18	69	100682	20.822	ug/l	95
57) 1,3-Dichloropropane	9.37	76	109676	20.234	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	279588	108.197	ug/l	99
59) 2-Hexanone	9.50	43	455365	104.805	ug/l	95
60) Dibromochloromethane	9.59	129	62759	19.268	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66326	19.016	ug/l	94
64) Tetrachloroethene	9.34	164	67632	19.443	ug/l	95
65) Chlorobenzene	10.14	112	174883	19.297	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	60696	19.051	ug/l	98
67) Ethyl Benzene	10.26	91	284424	19.768	ug/l	96
68) m/p-Xylenes	10.36	106	223808	39.806	ug/l	95
69) o-Xylene	10.70	106	108083	20.929	ug/l	100
70) Styrene	10.71	104	181082	20.086	ug/l	100
71) Bromoform	10.86	173	49978	18.323	ug/l	96
73) Isopropylbenzene	11.02	105	292628	22.057	ug/l	100
74) N-amyl acetate	10.90	43	137230	19.909	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	106113	19.649	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	96160m	20.383	ug/l	
77) Bromobenzene	11.26	156	79304	20.580	ug/l	99
78) n-propylbenzene	11.36	91	331229	21.760	ug/l	99
79) 2-Chlorotoluene	11.42	91	202094	21.300	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	246335	20.141	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28006	17.535	ug/l	99
82) 4-Chlorotoluene	11.51	91	235111	21.052	ug/l	100
83) tert-Butylbenzene	11.77	119	238977	21.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	251594	19.945	ug/l	99
85) sec-Butylbenzene	11.94	105	290175	21.810	ug/l	100
86) p-Isopropyltoluene	12.07	119	257901	21.396	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	142397	19.790	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146900	19.777	ug/l	98
89) n-Butylbenzene	12.39	91	224639	20.520	ug/l	99
90) Hexachloroethane	12.60	117	37690	18.780	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	144807	19.257	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24011	20.249	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106796	20.246	ug/l	100
94) Hexachlorobutadiene	13.79	225	51339	18.769	ug/l	99
95) Naphthalene	13.83	128	340668	19.898	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110883	20.349	ug/l	100

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

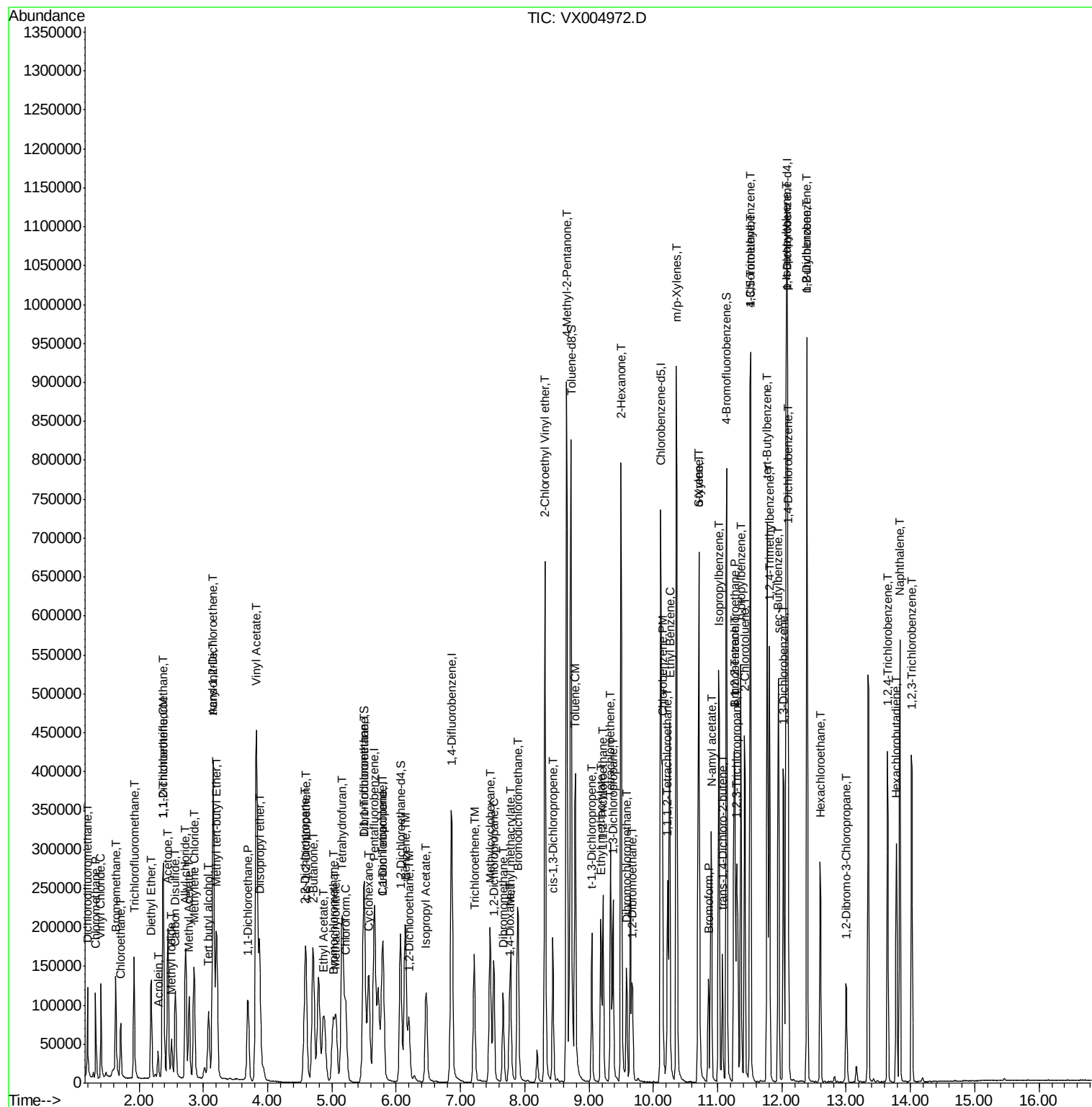
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Data File : VX004972.D
Acq On : 03 Oct 2018 16:39
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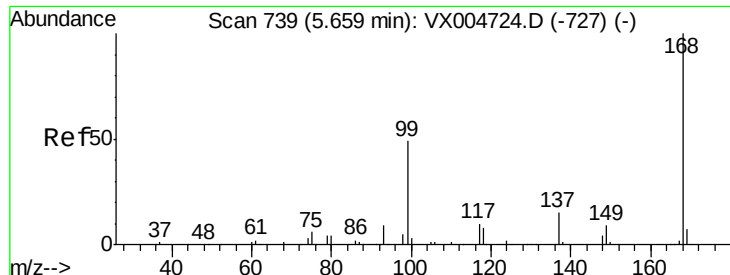
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion:168 Resp: 252632

Ion Ratio Lower Upper

168 100

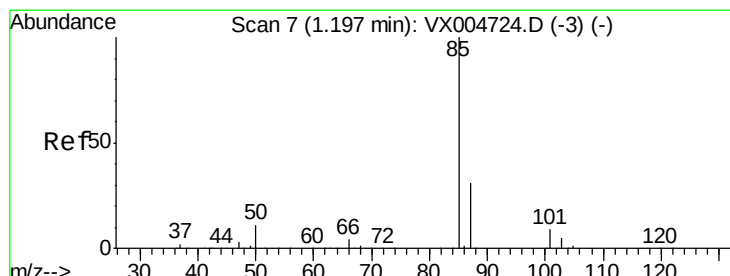
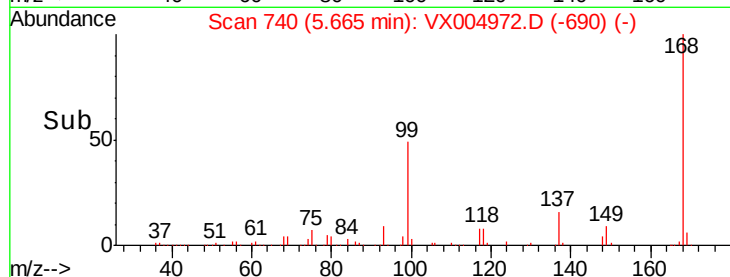
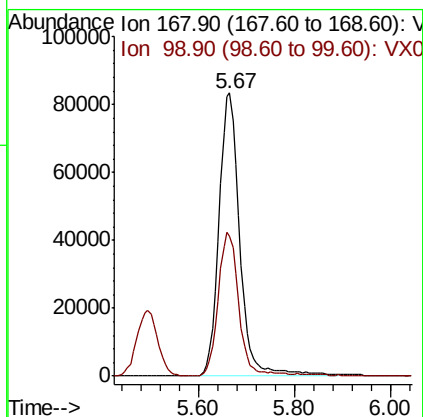
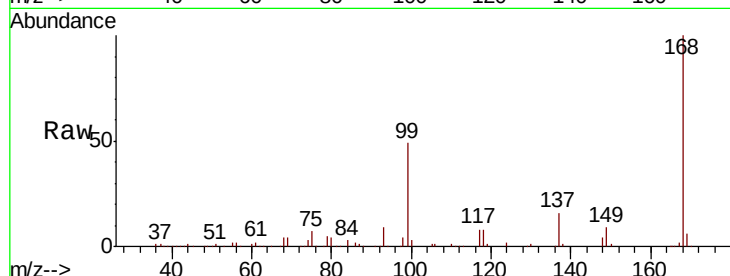
99 49.2 39.3 58.9

Manual Integrations

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10/5/2018 3:24:44 PM



#2

Dichlorodifluoromethane

Concen: 20.540 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004972.D

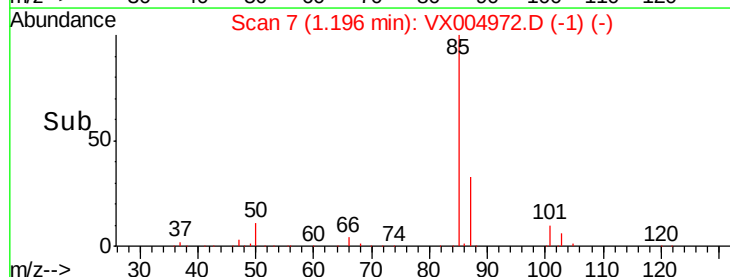
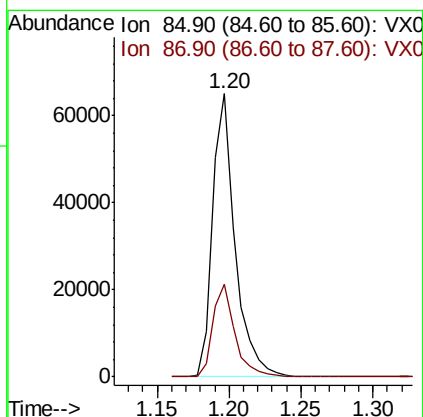
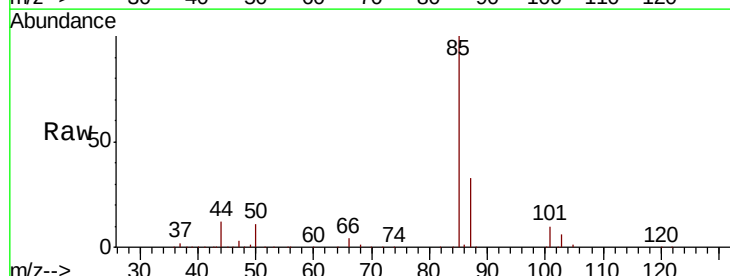
Acq: 03 Oct 2018 16:39

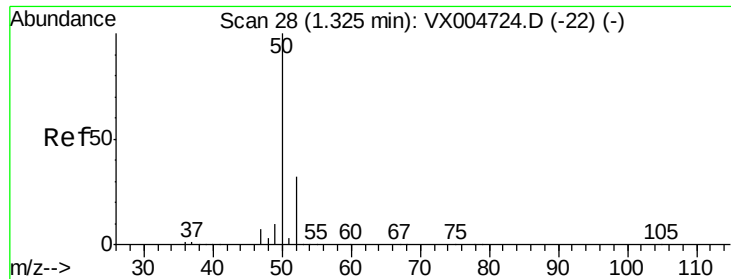
Tgt Ion: 85 Resp: 70750

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.1





#3

Chloromethane

Concen: 18.567 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion: 50 Resp: 77591

Ion Ratio Lower Upper

50 100

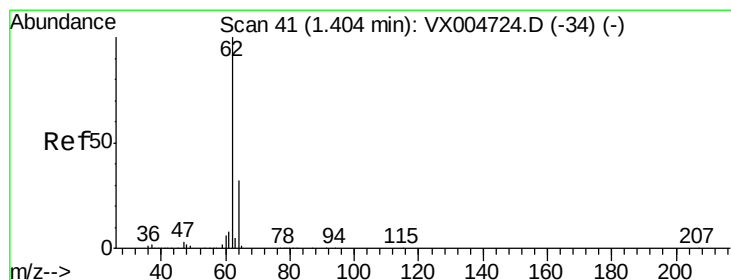
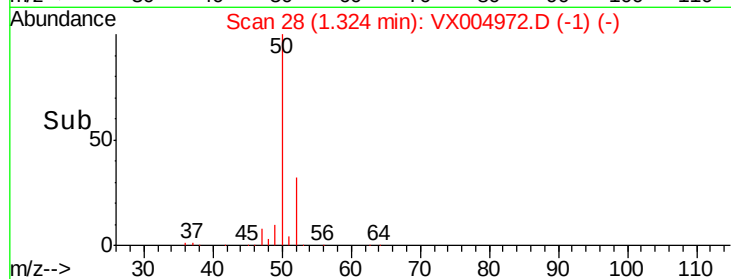
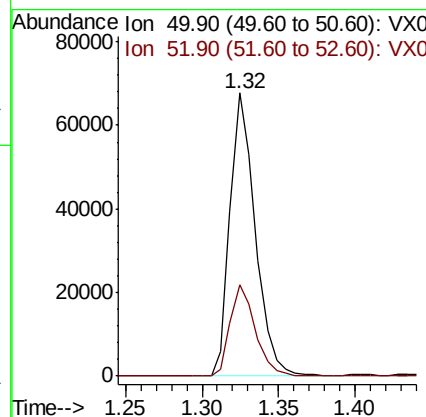
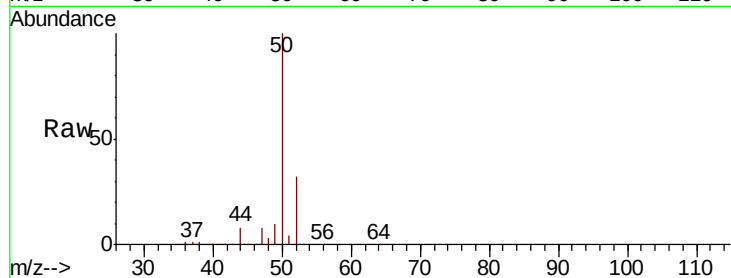
52 32.3 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.037 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004972.D

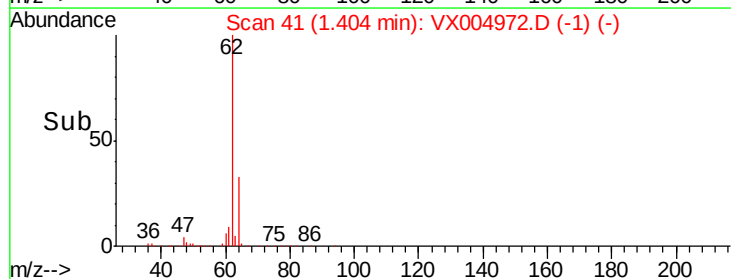
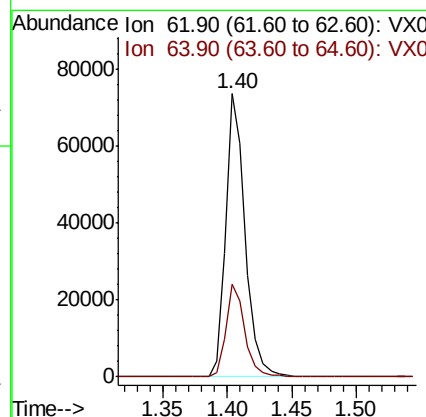
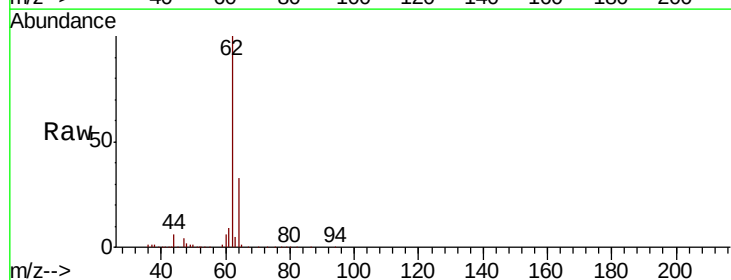
Acq: 03 Oct 2018 16:39

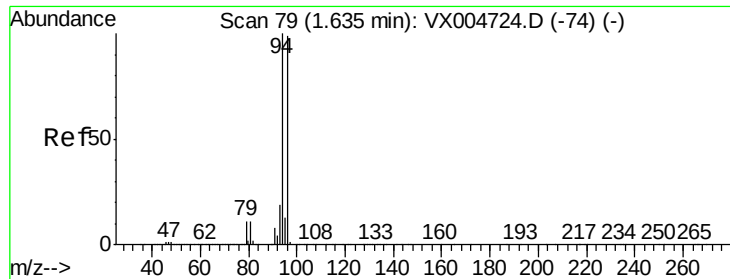
Tgt Ion: 62 Resp: 78538

Ion Ratio Lower Upper

62 100

64 32.6 25.5 38.3





#5

Bromomethane

Concen: 17.666 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion: 94 Resp: 41061

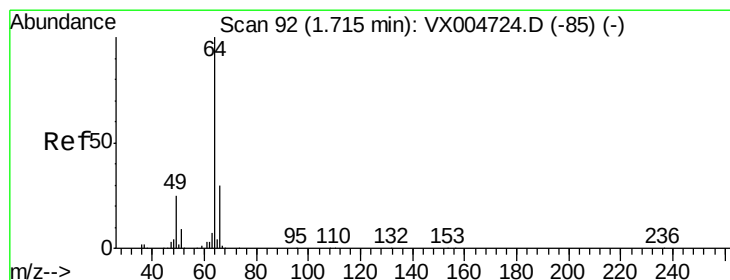
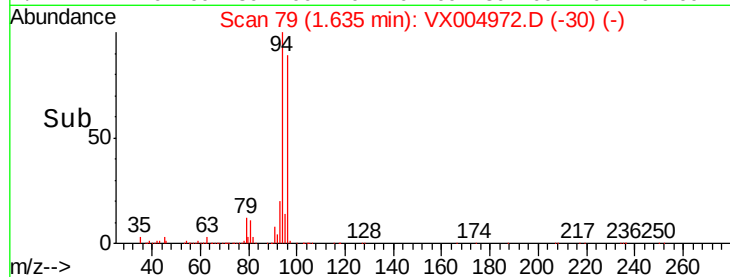
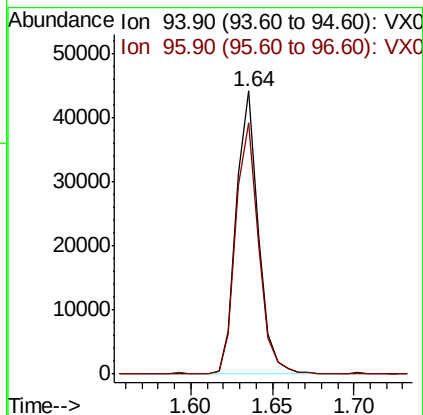
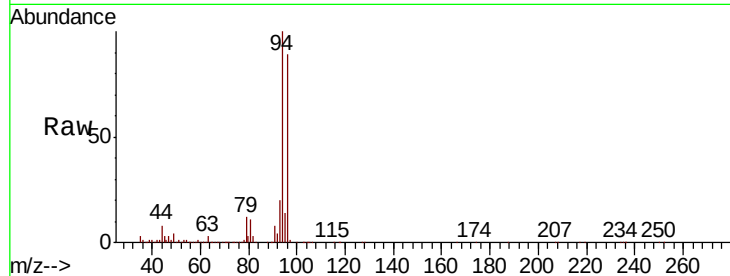
Ion Ratio Lower Upper

94 100

96 88.9 79.5 119.3

Manual Integrations
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#6

Chloroethane

Concen: 19.938 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX004972.D

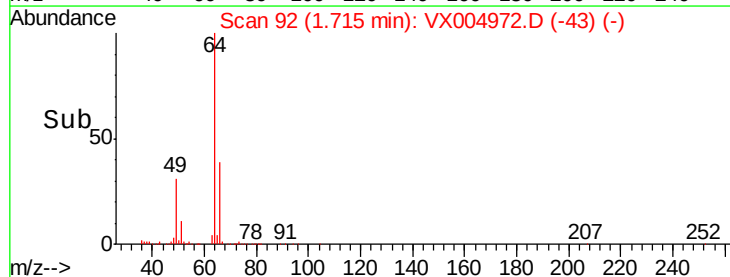
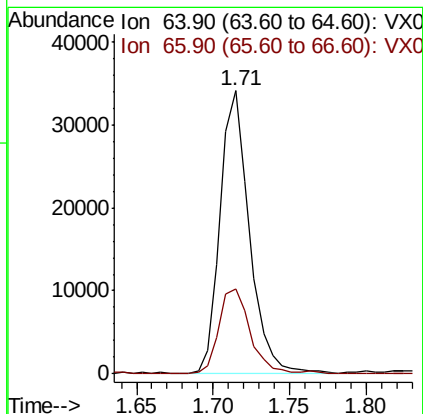
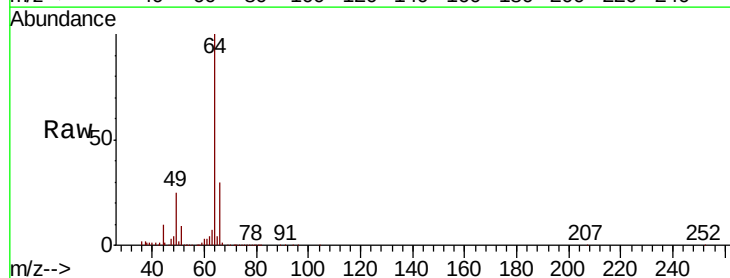
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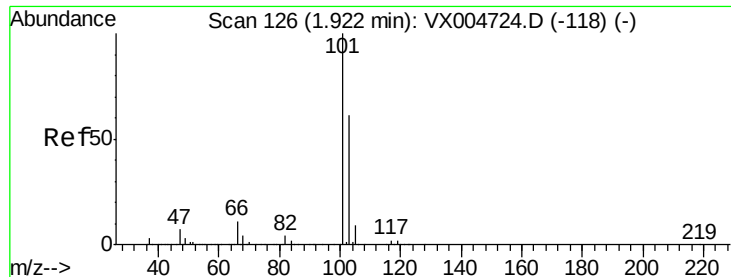
Tgt Ion: 64 Resp: 45578

Ion Ratio Lower Upper

64 100

66 30.0 23.8 35.6





#7

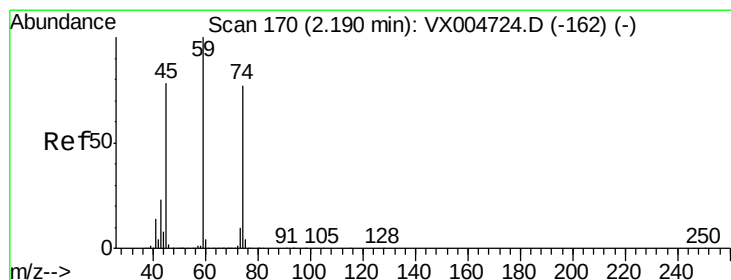
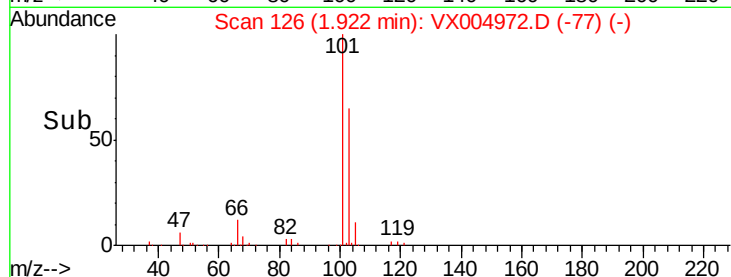
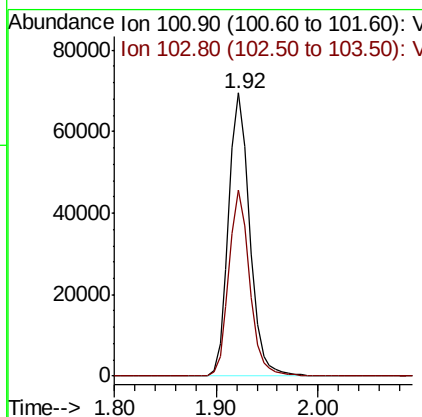
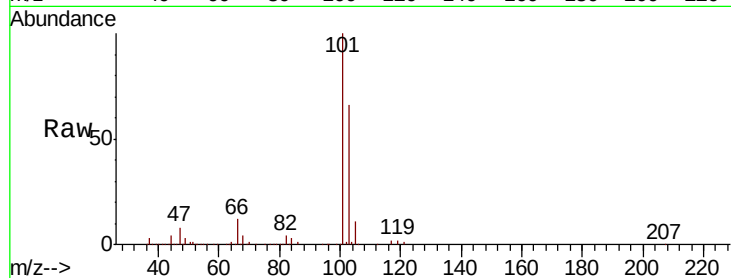
Trichlorofluoromethane
 Concen: 20.602 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	99970		
103	65.6	48.4	72.6	

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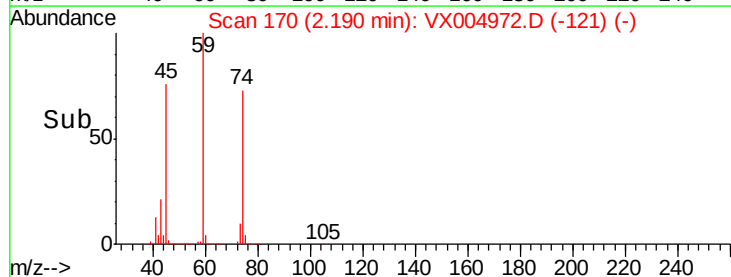
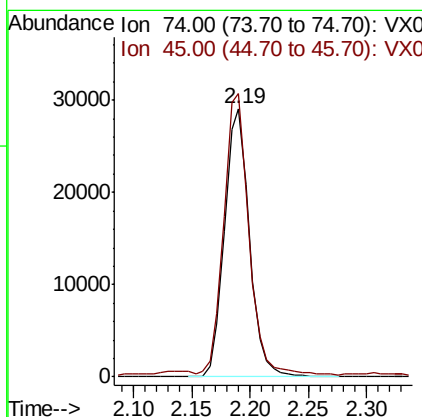
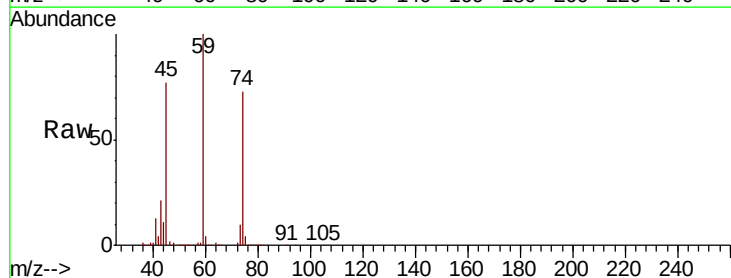
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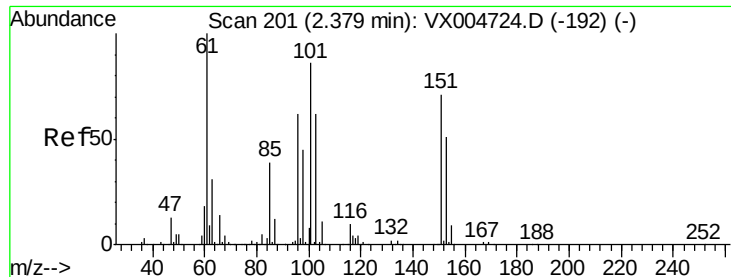


#8

Diethyl Ether
 Concen: 20.491 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	43195		
45	104.3	52.5	157.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.583 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

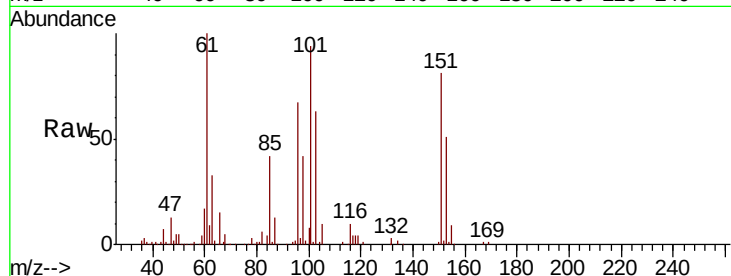
ClientSampleId :

VX1004WBSD01

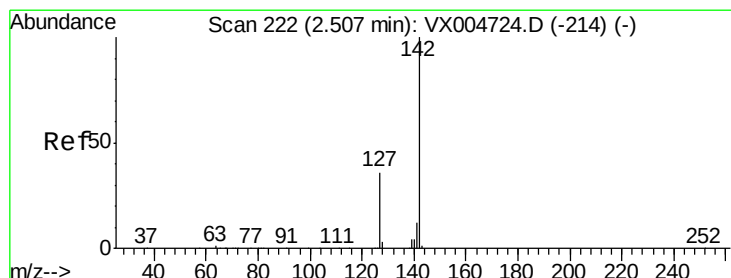
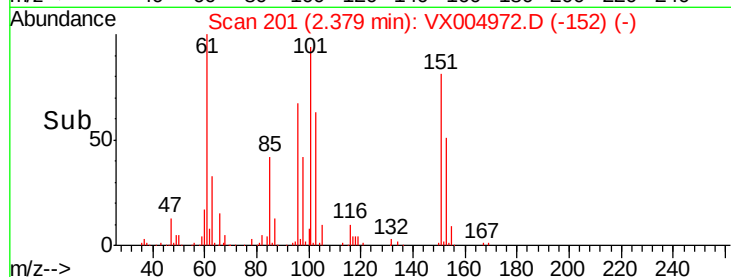
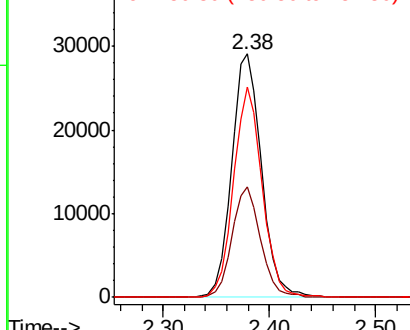
Tot Ion:	101	Resp:	56892
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.9	53.9
151	83.5	66.6	100.0

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.662 ug/l

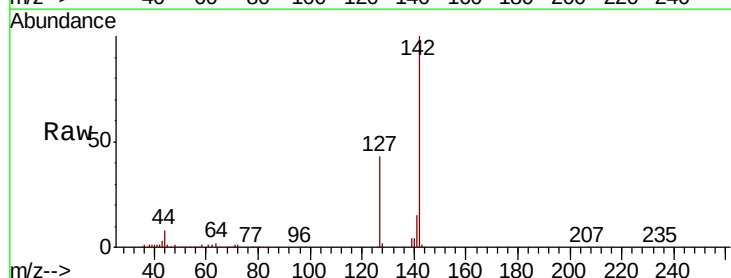
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

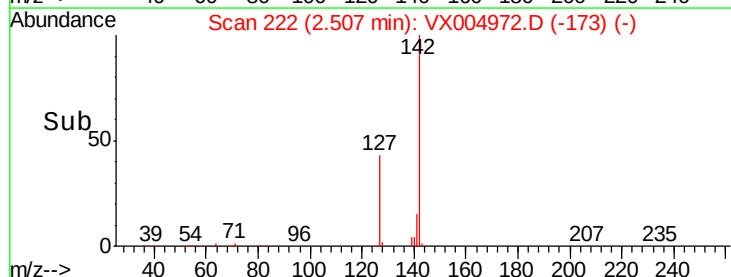
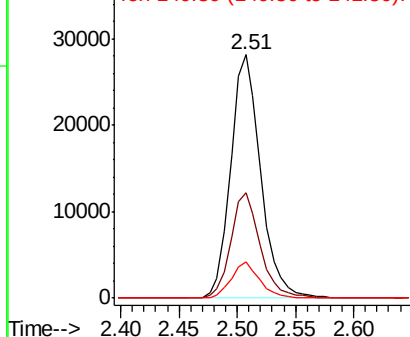
Lab File: VX004972.D

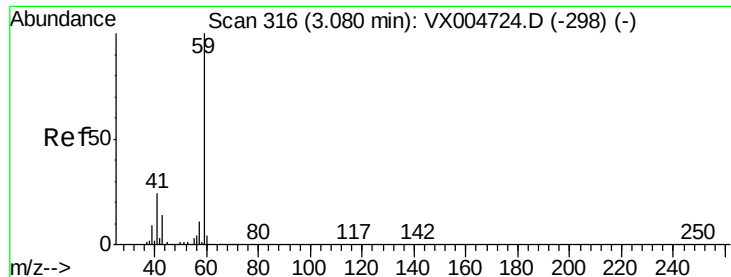
Acq: 03 Oct 2018 16:39

Tgt Ion:	142	Resp:	50534
Ion Ratio	Lower	Upper	
142	100		
127	42.3	30.1	45.1
141	14.2	10.1	15.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

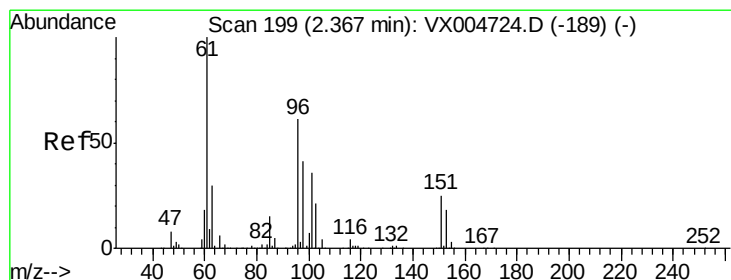
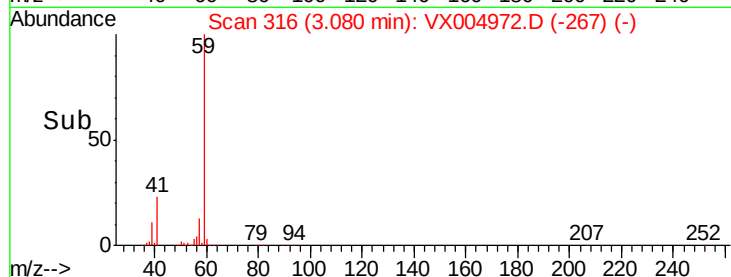
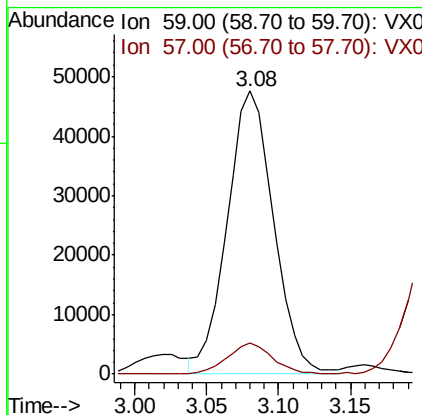
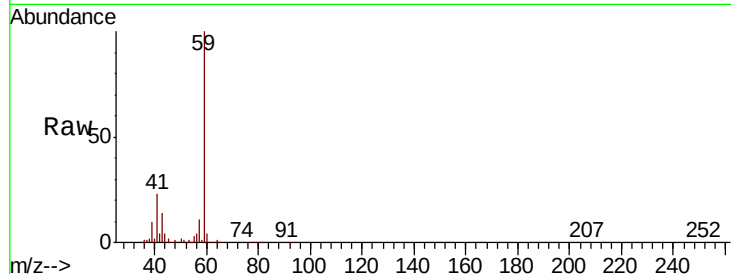
Tert butyl alcohol
 Concen: 106.027 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Tot Ion: 59 Resp: 106989
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.6 12.8

Manual Integrations
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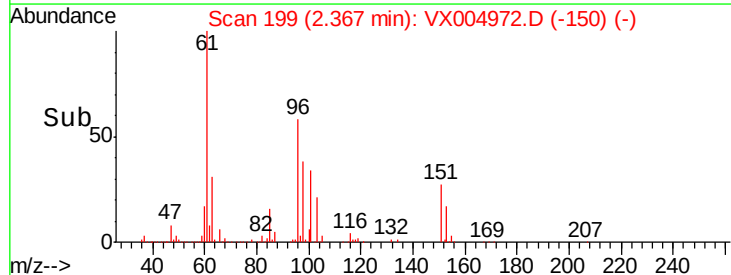
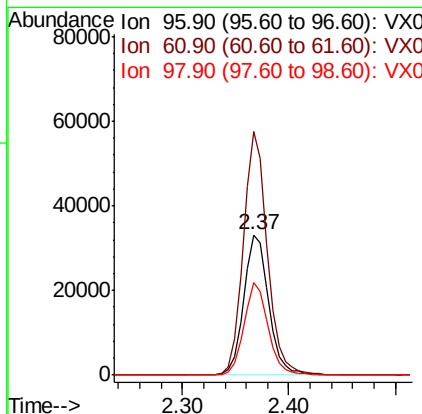
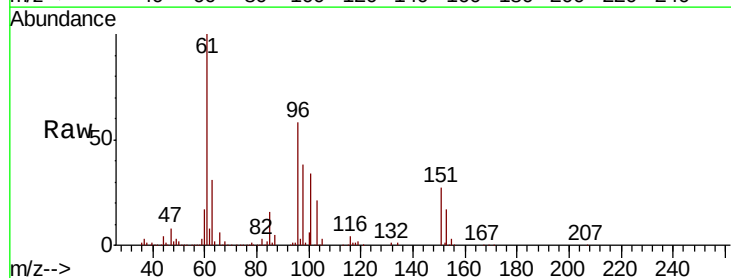
MMDadoda
 10/5/2018 3:24:44 PM

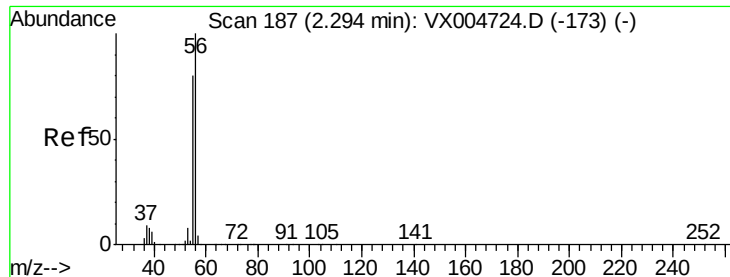


#12

1,1-Dichloroethene
 Concen: 19.903 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion: 96 Resp: 54481
 Ion Ratio Lower Upper
 96 100
 61 173.1 130.2 195.4
 98 65.6 53.4 80.0





#13

Acrolein

Concen: 35.521 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion: 56 Resp: 25502

Ion Ratio Lower Upper

56 100

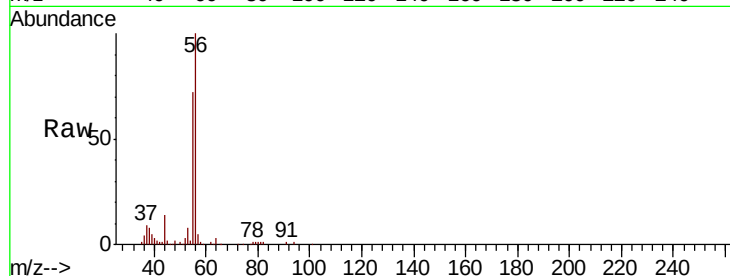
55 71.4 63.4 95.2

Manual Integrations

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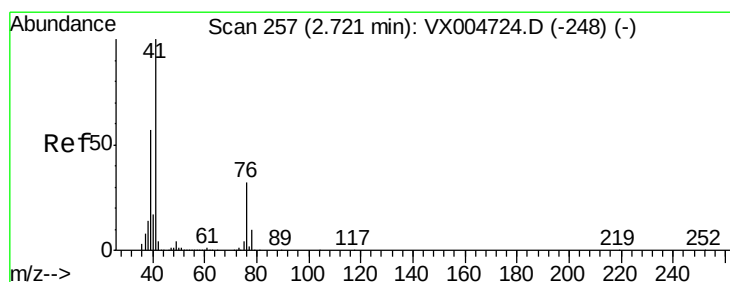
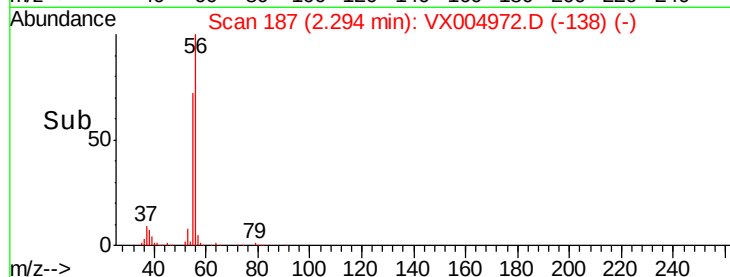
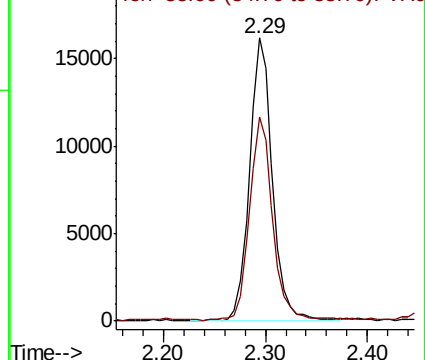
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.704 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

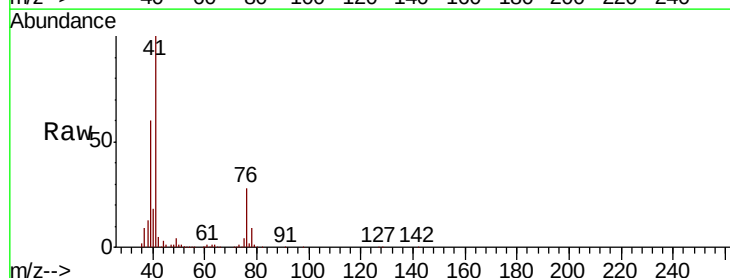
Tgt Ion: 41 Resp: 123655

Ion Ratio Lower Upper

41 100

39 57.0 44.1 66.1

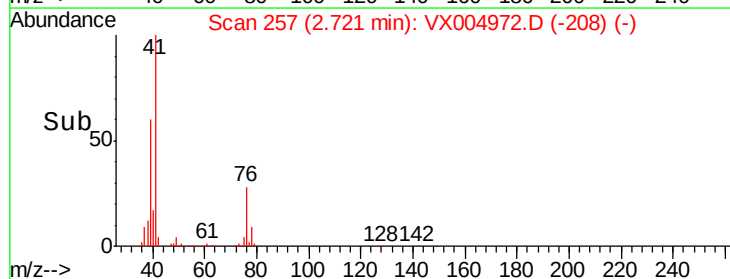
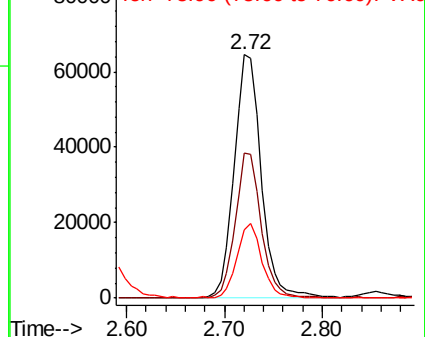
76 28.4 25.0 37.4

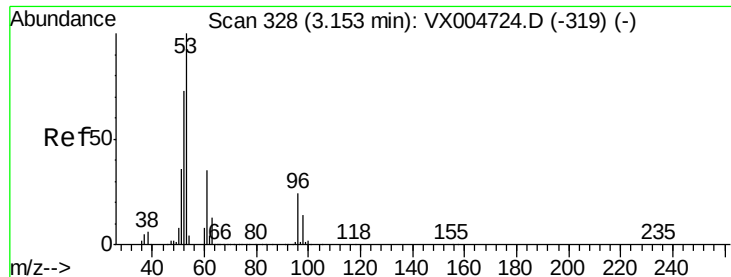


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 104.837 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

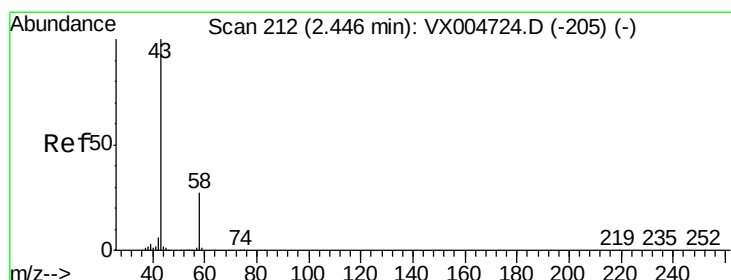
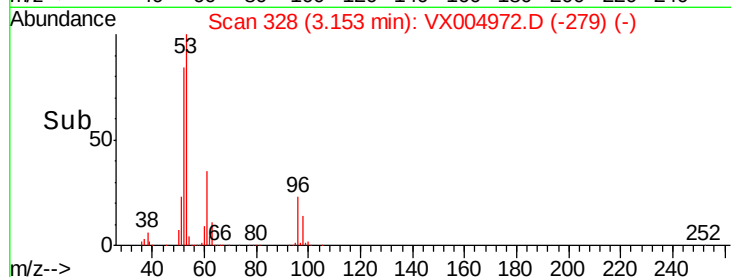
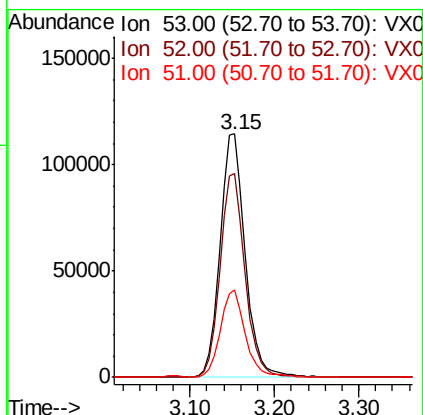
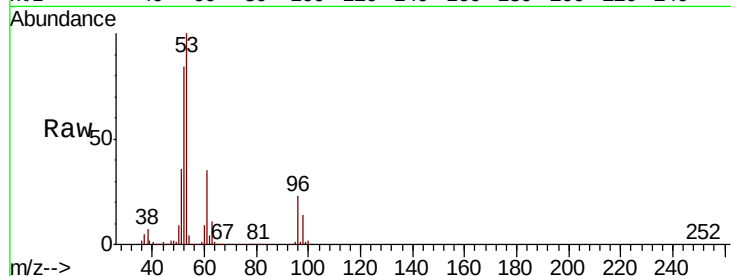
ClientSampleId :

VX1004WBSD01

Tot Ion	53	Resp	232878
Ion Ratio	Lower	Upper	
53	100		
52	83.4	63.0	94.4
51	35.7	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 98.213 ug/l

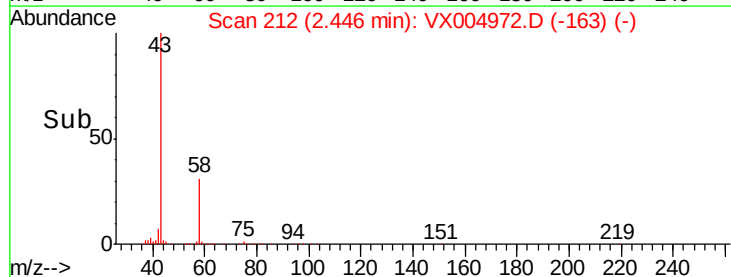
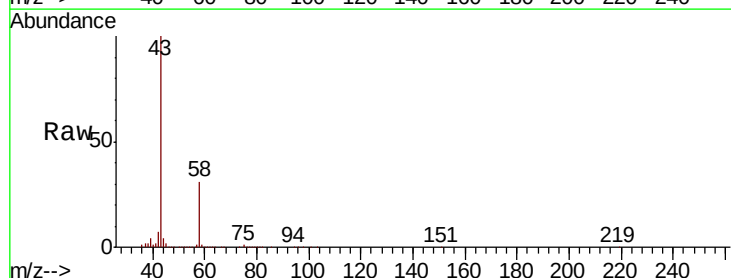
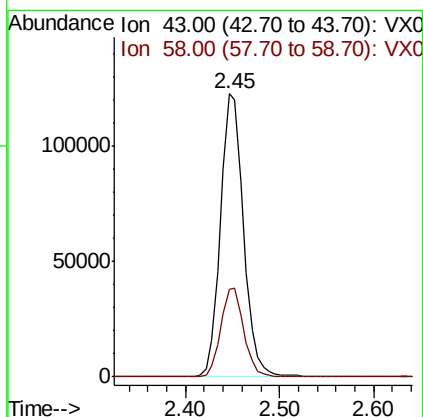
RT: 2.45 min Scan# 212

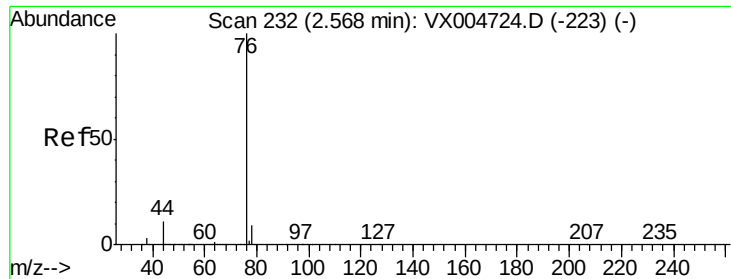
Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Tgt Ion	43	Resp	206927
Ion Ratio	Lower	Upper	
43	100		
58	31.1	21.8	32.6





#17

Carbon Disulfide

Concen: 17.884 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion: 76 Resp: 147103

Ion Ratio Lower Upper

76 100

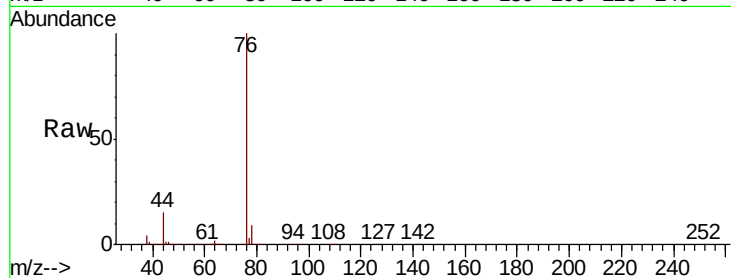
78 8.9 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

80000

60000

40000

20000

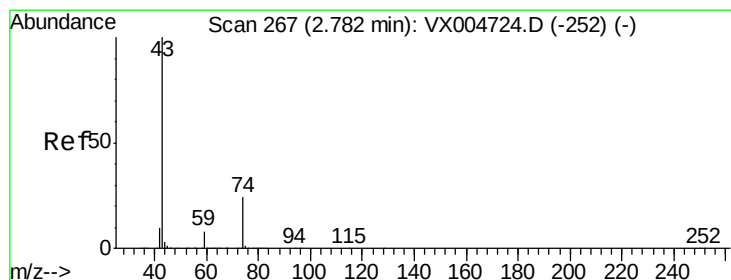
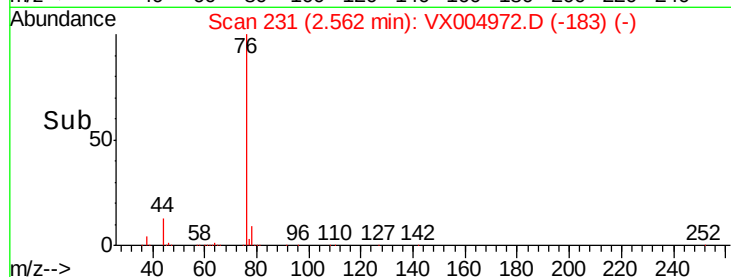
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 24.340 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004972.D

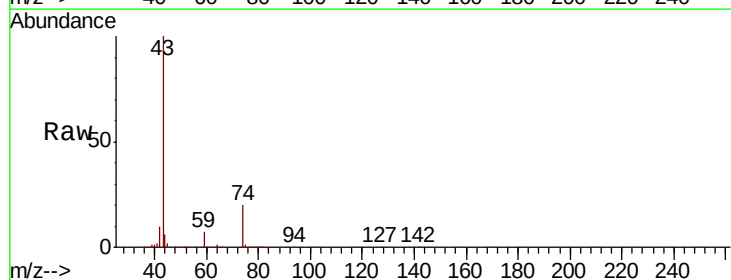
Acq: 03 Oct 2018 16:39

Tgt Ion: 43 Resp: 129928

Ion Ratio Lower Upper

43 100

74 21.0 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

60000

40000

20000

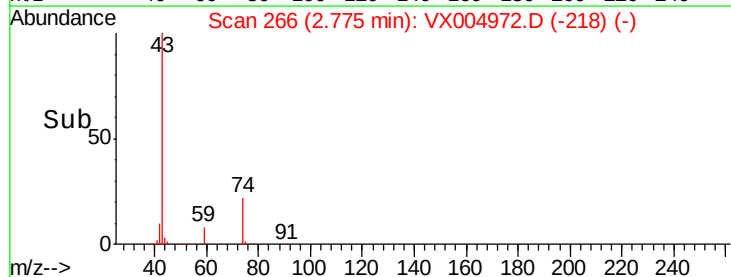
0

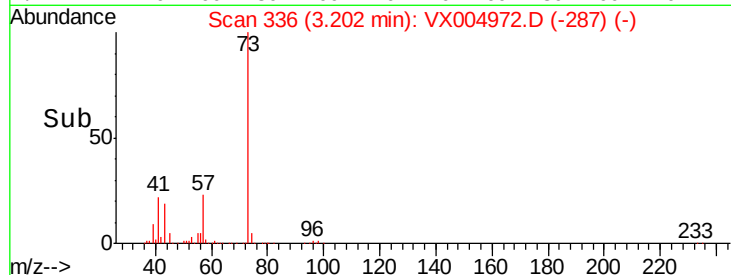
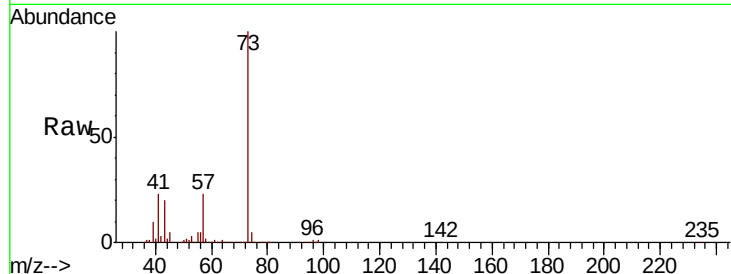
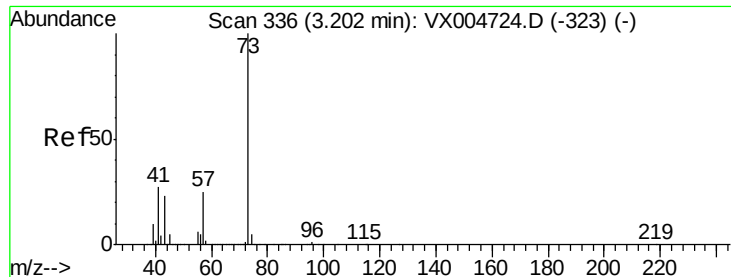
Time-->

2.70

2.80

2.90





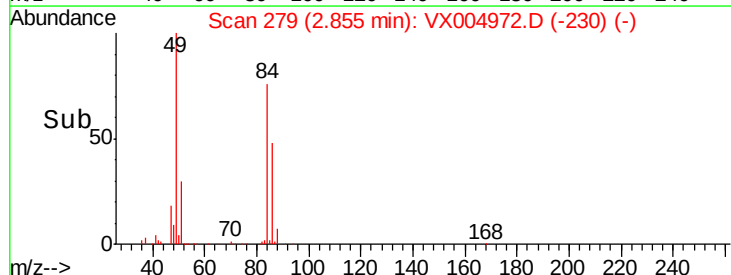
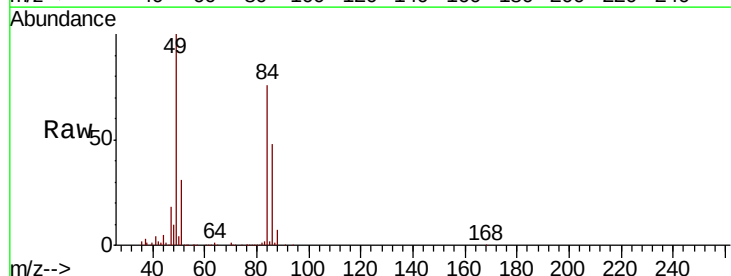
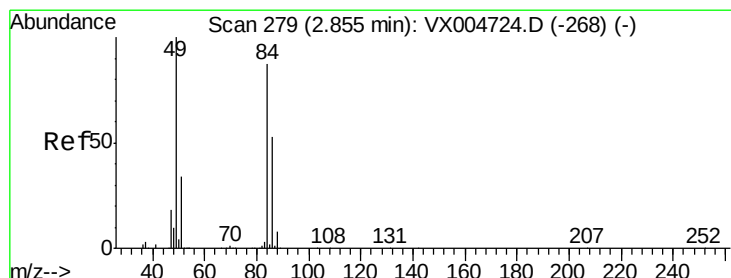
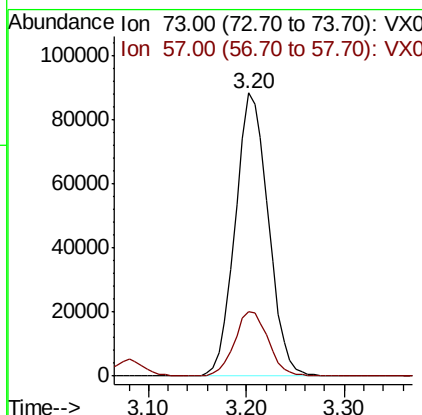
#19
Methyl tert-butyl Ether
Concen: 21.981 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	19.9	29.9

Instrument :
MSVOA_X
ClientSampleID :
VX1004WBSD01

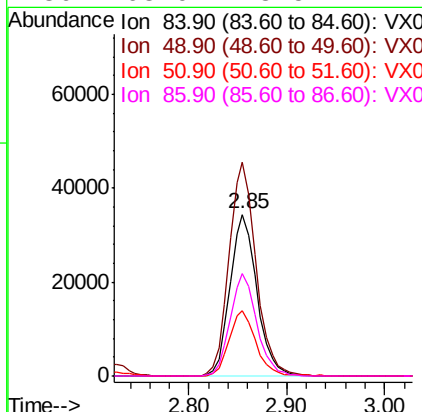
Manual Integrations
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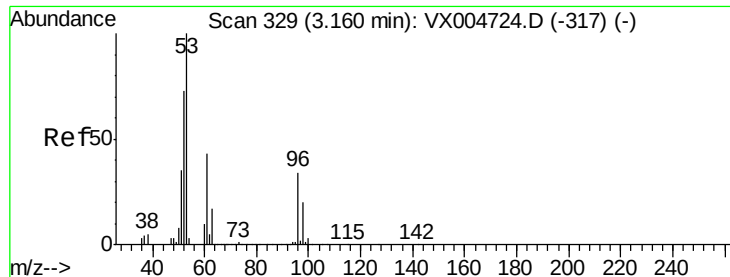
MMDadoda
10/5/2018 3:24:44 PM



#20
Methylene Chloride
Concen: 21.037 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.0	92.3	138.5
51	40.5	31.8	47.6
86	63.0	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 19.845 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

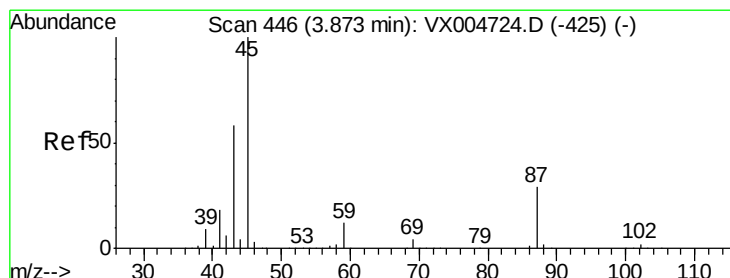
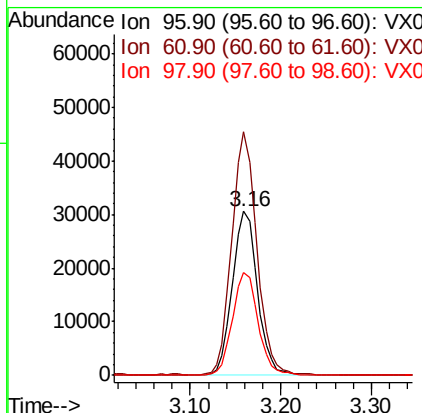
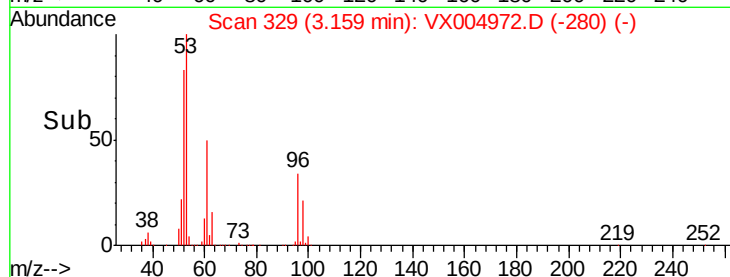
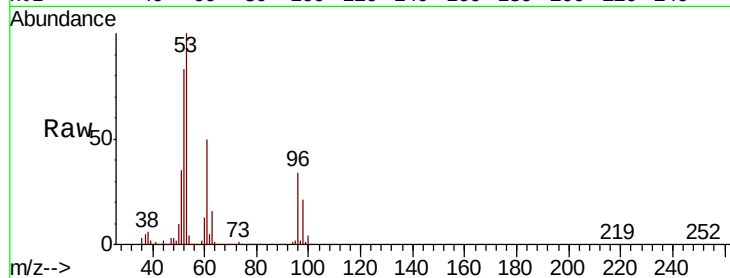
ClientSampleId :

VX1004WBSD01

Tot Ion:	96	Resp:	59467
Ion	Ratio	Lower	Upper
96	100		
61	148.0	101.0	151.6
98	63.0	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.183 ug/l

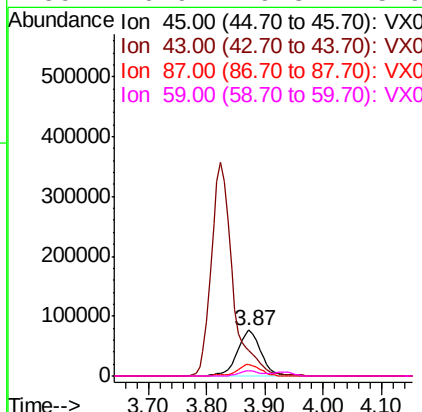
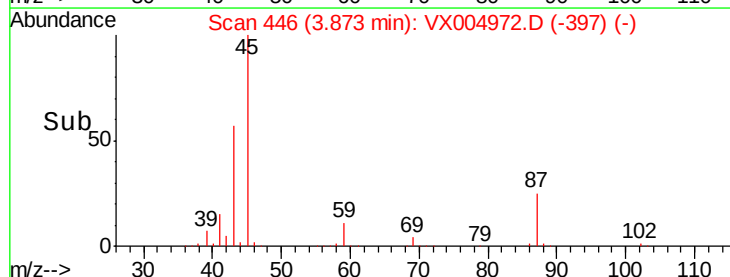
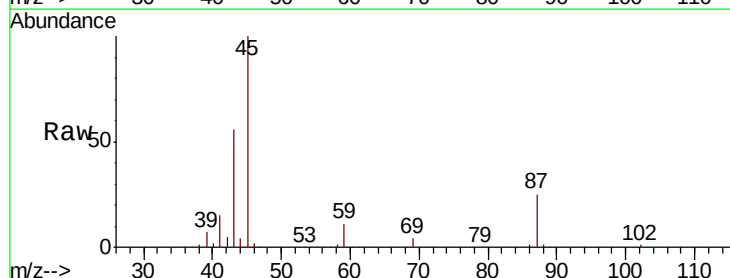
RT: 3.87 min Scan# 446

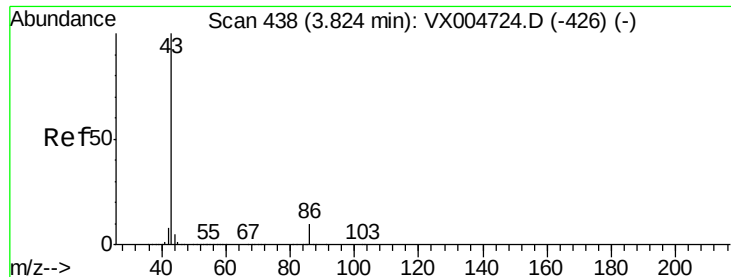
Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Tgt Ion:	45	Resp:	213042
Ion	Ratio	Lower	Upper
45	100		
43	56.2	46.7	70.1
87	24.9	22.9	34.3
59	10.9	9.3	13.9





#23

Vinyl Acetate

Concen: 99.147 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion: 43 Resp: 912768

Ion Ratio Lower Upper

43 100

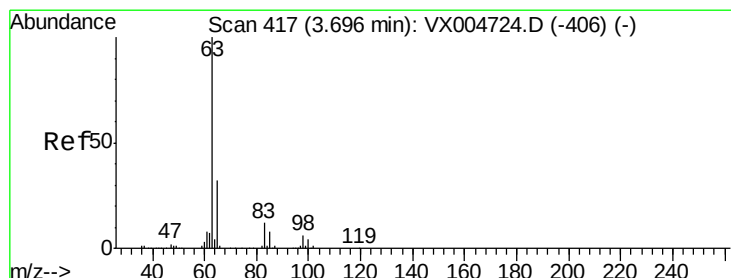
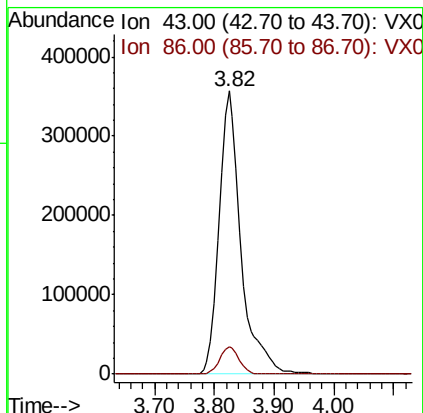
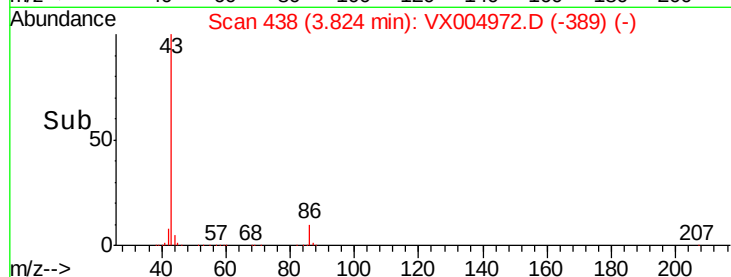
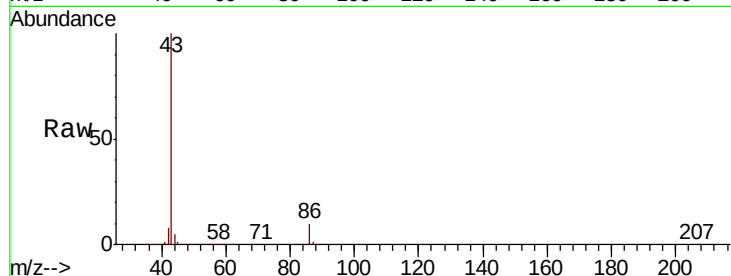
86 9.6 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.119 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

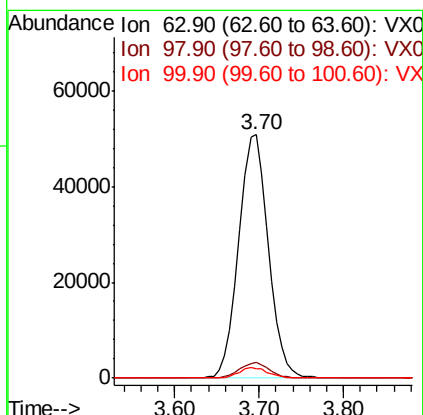
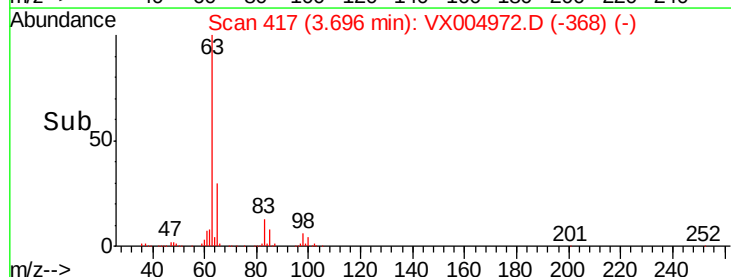
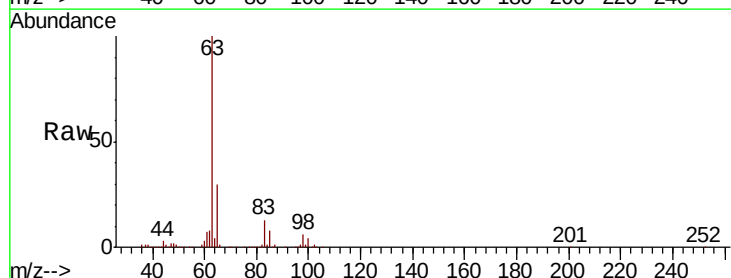
Tgt Ion: 63 Resp: 120703

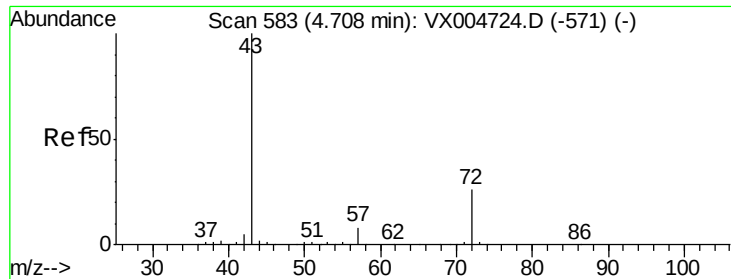
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 100.276 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion: 43 Resp: 311422

Ion Ratio Lower Upper

43 100

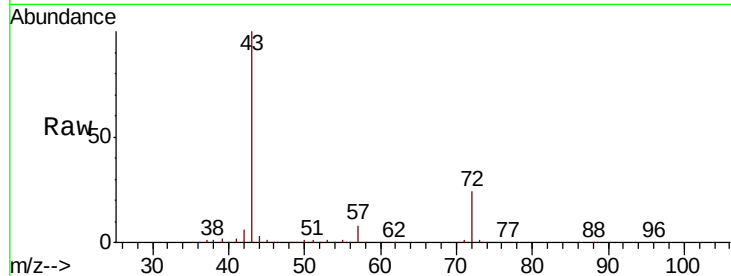
72 24.3 20.8 31.2

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

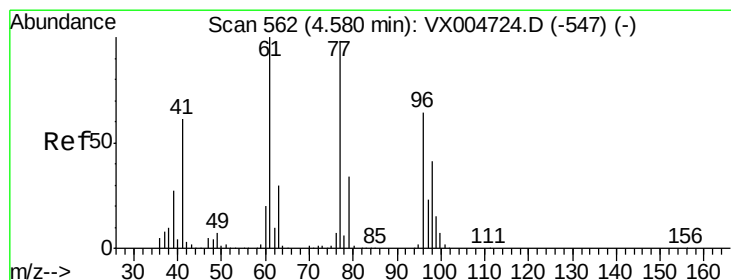
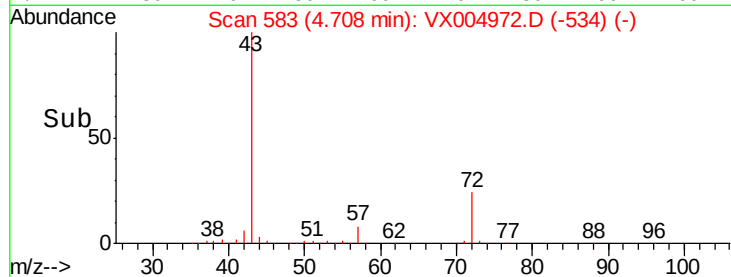
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 20.064 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004972.D

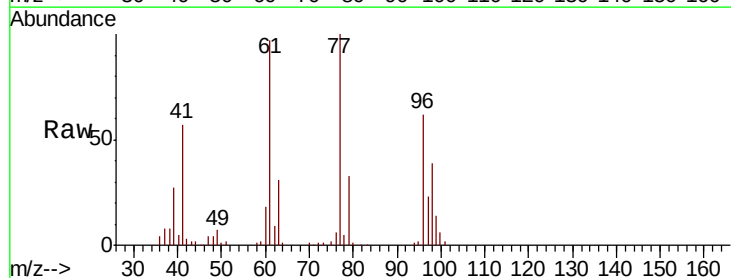
Acq: 03 Oct 2018 16:39

Tgt Ion: 77 Resp: 83822

Ion Ratio Lower Upper

77 100

97 23.9 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

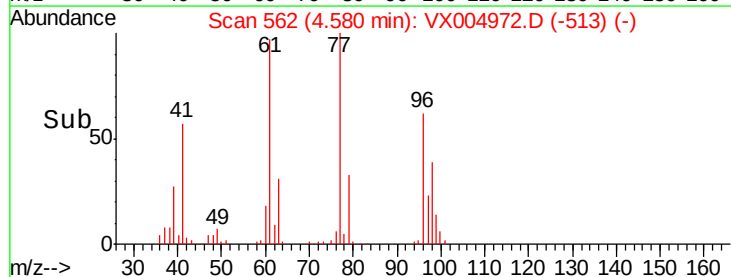
10000

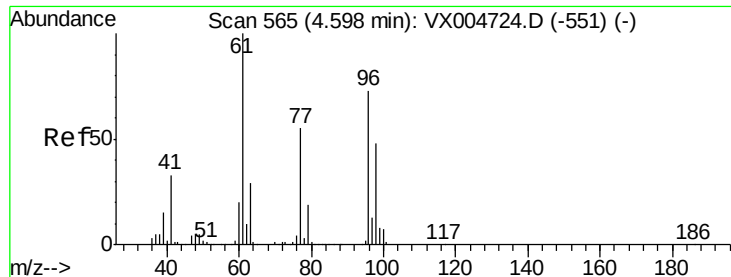
5000

0

4.40 4.50 4.60 4.70

Time-->





#27

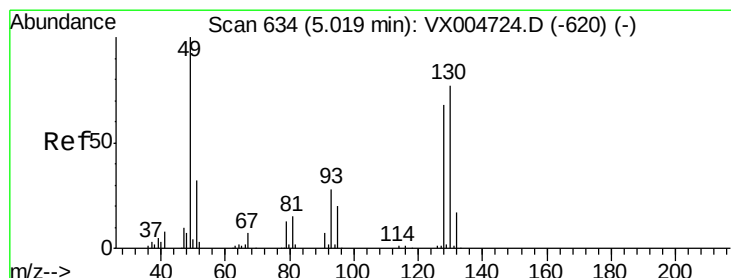
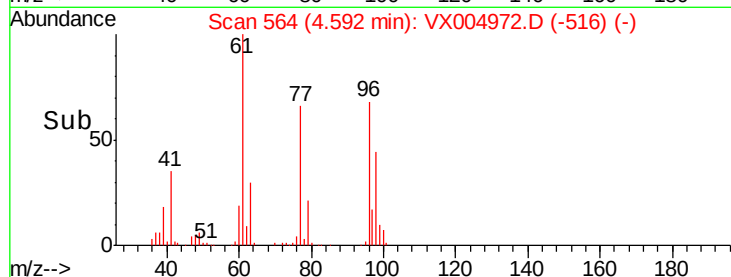
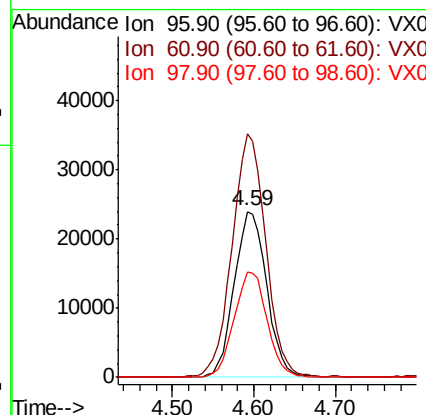
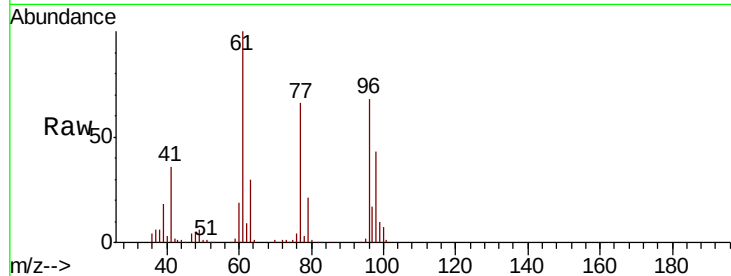
cis-1,2-Dichloroethene
Concen: 19.703 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	65955		
61	151.6		0.0	285.8
98	64.8		0.0	136.2

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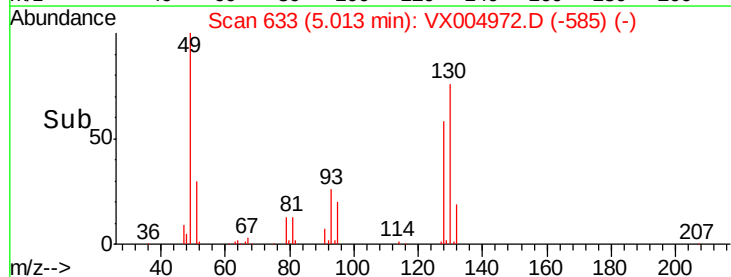
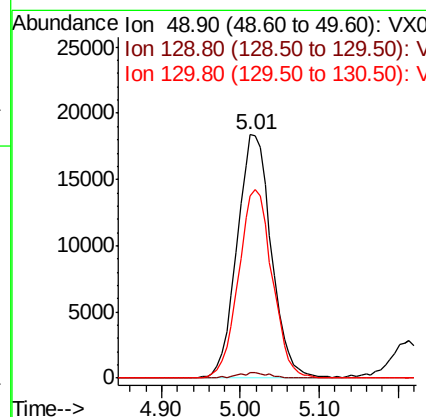
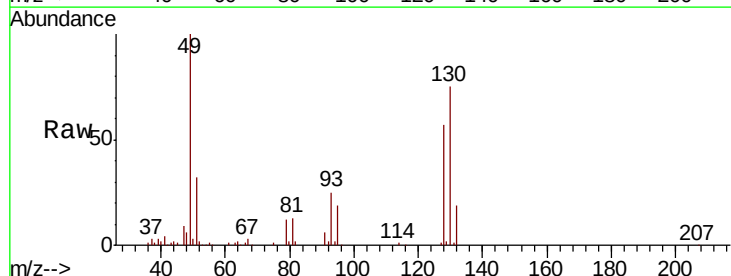
MMDadoda
10/5/2018 3:24:44 PM

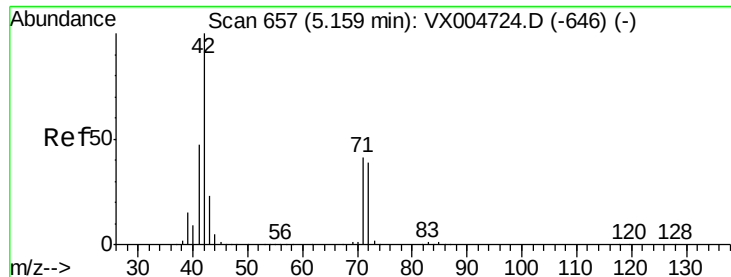


#28

Bromochloromethane
Concen: 19.725 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	55727		
129	2.0		0.0	4.2
130	75.9		62.0	93.0





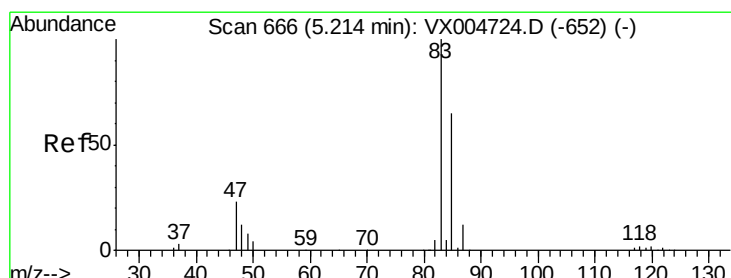
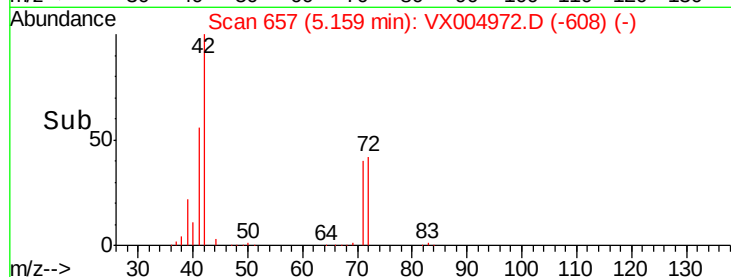
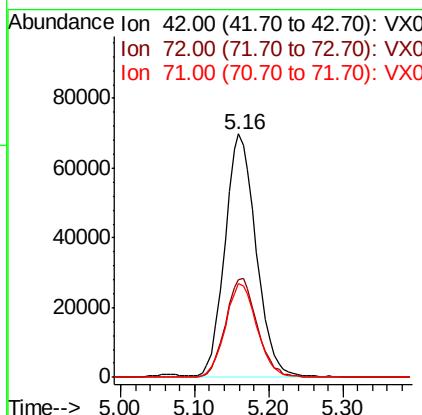
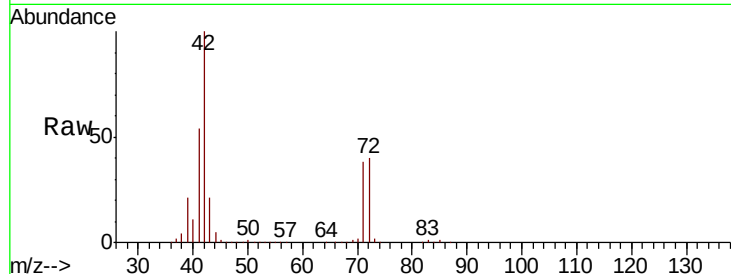
#29
Tetrahydrofuran
Concen: 105.803 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.7	50.5
71	39.0	32.2	48.4

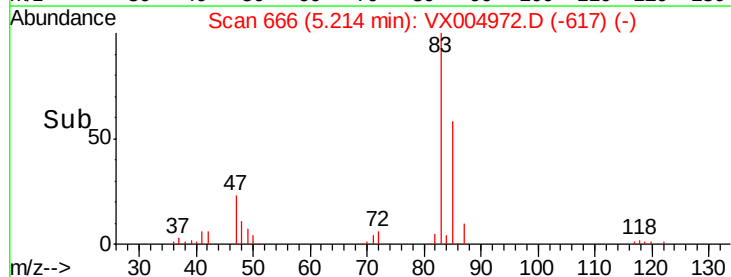
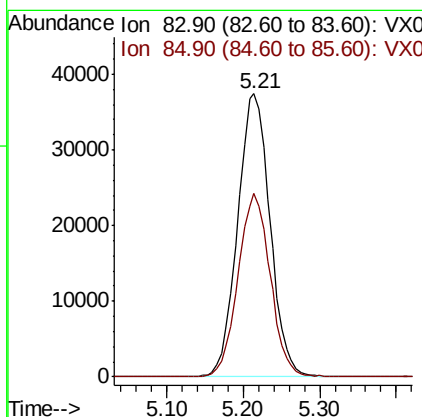
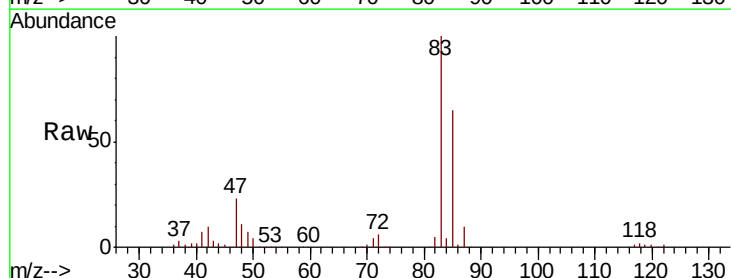
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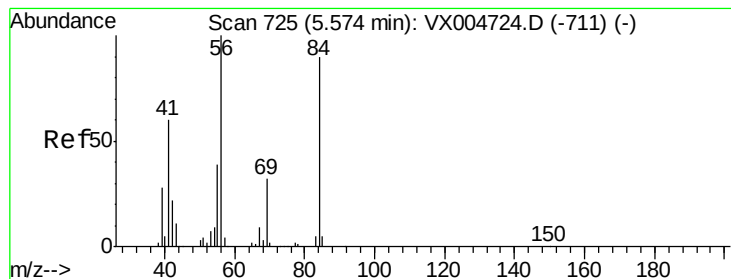
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#30
Chloroform
Concen: 19.429 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.4	78.6





#31

Cyclohexane

Concen: 21.137 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion: 56 Resp: 97054

Ion Ratio Lower Upper

56 100

69 28.7 25.9 38.9

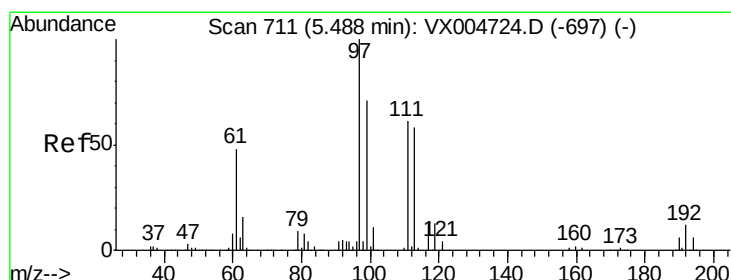
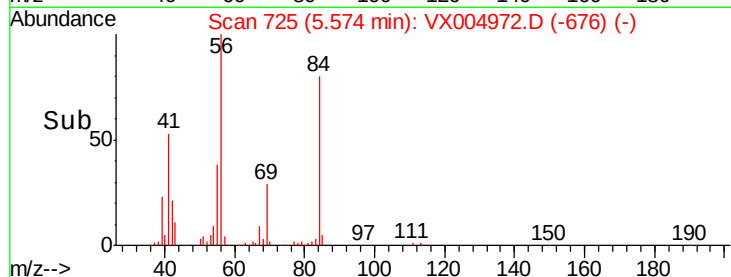
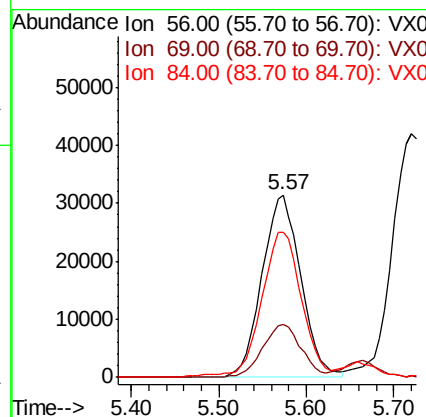
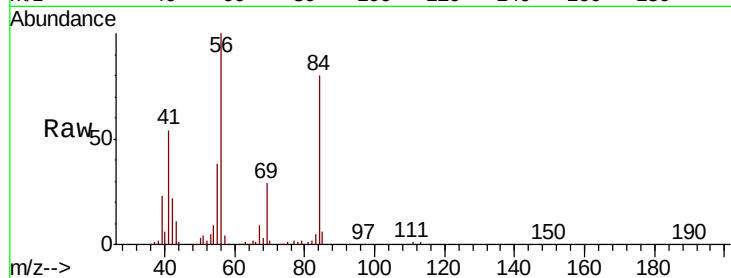
84 78.9 71.9 107.9

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#32

1,1,1-Trichloroethane

Concen: 20.014 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

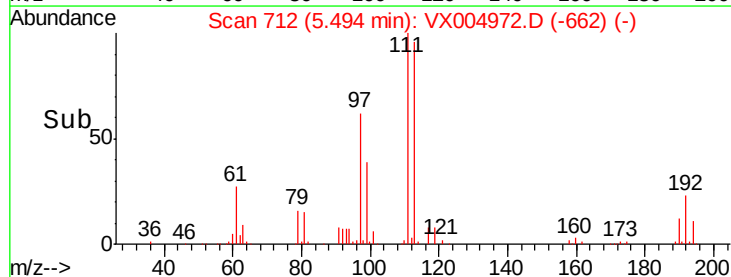
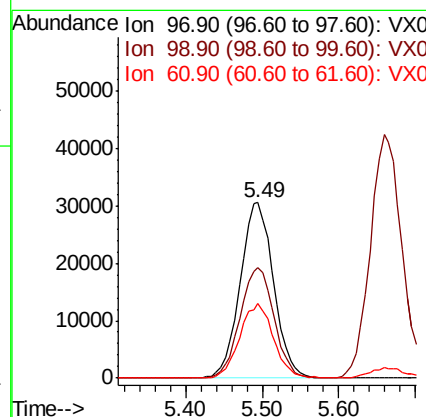
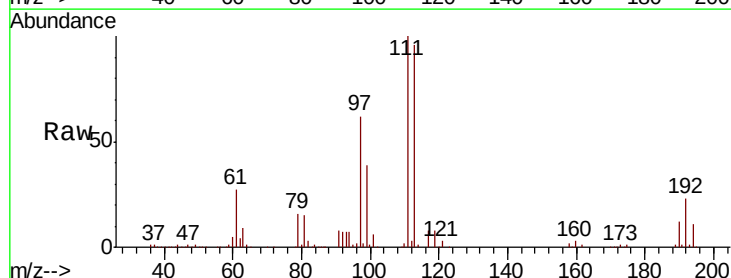
Tgt Ion: 97 Resp: 92675

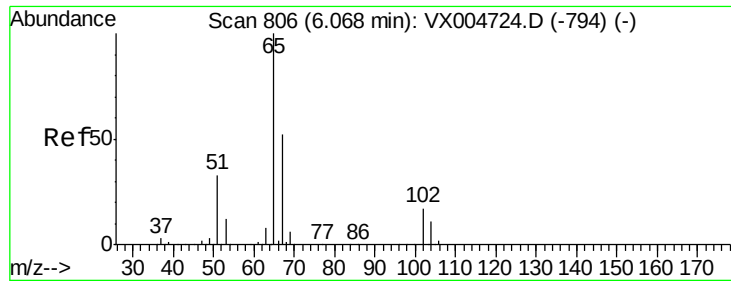
Ion Ratio Lower Upper

97 100

99 64.4 54.6 82.0

61 42.9 37.5 56.3





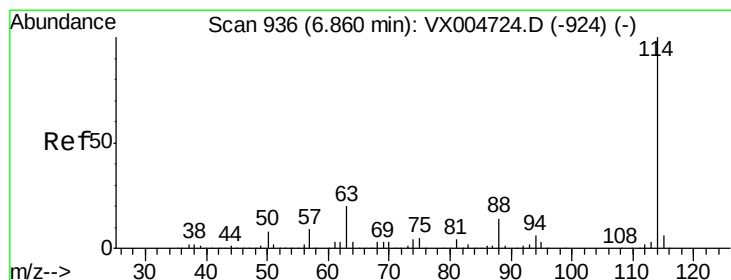
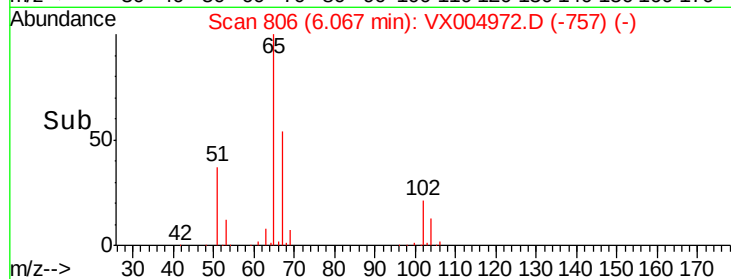
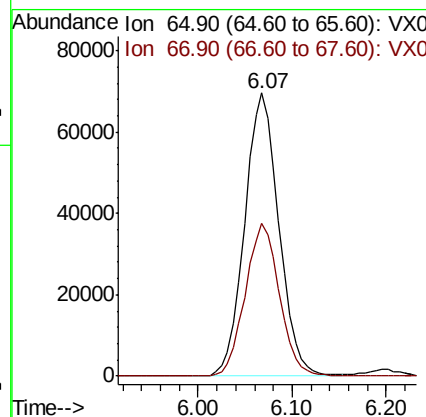
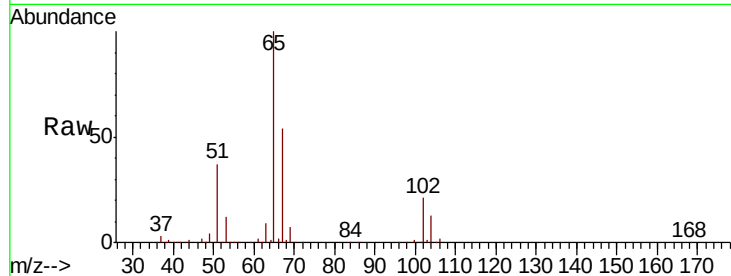
#33
 1,2-Dichloroethane-d4
 Concen: 48.936 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.4

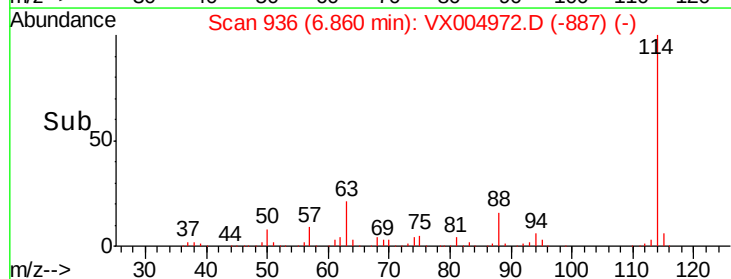
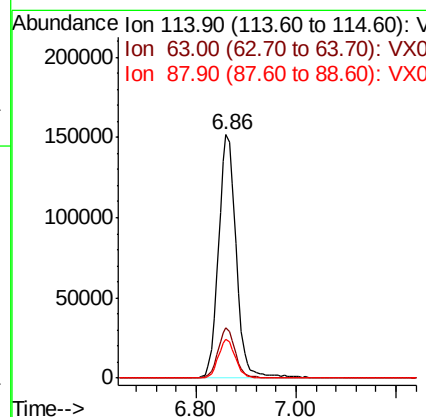
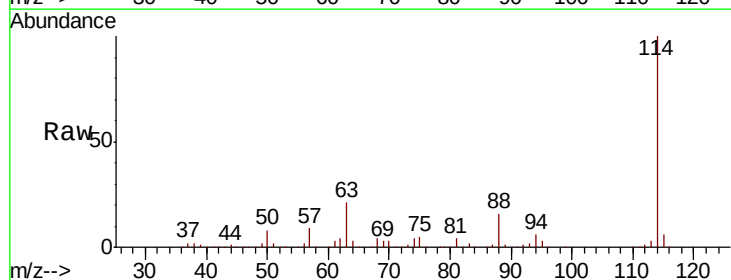
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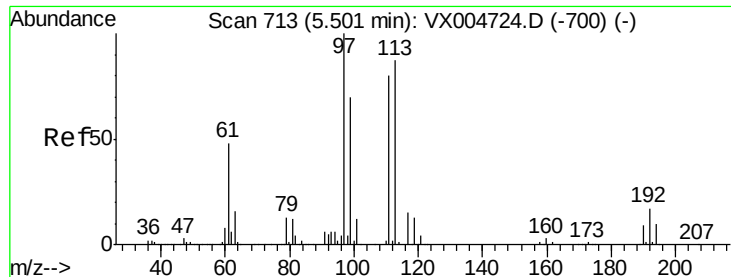
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.8
88	15.7	0.0	27.0





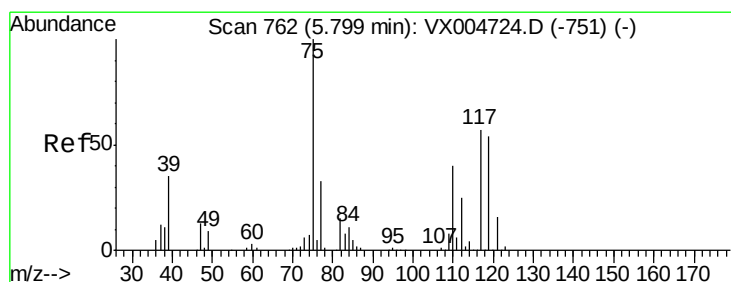
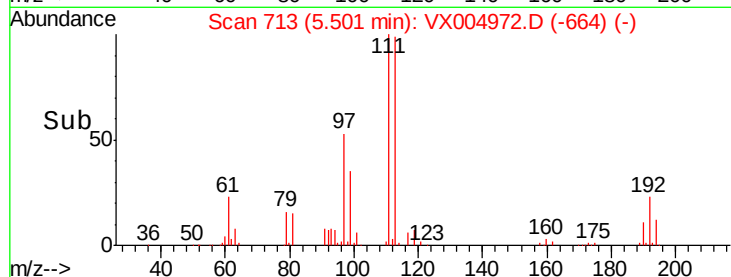
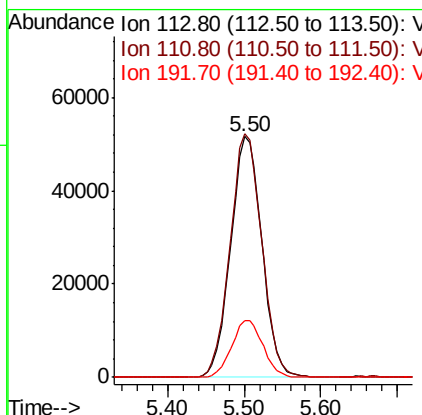
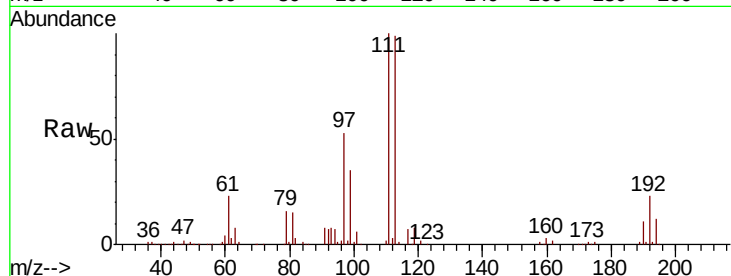
#35
Dibromofluoromethane
Concen: 46.095 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	77.0	115.4	
192	23.7	17.0	25.6	

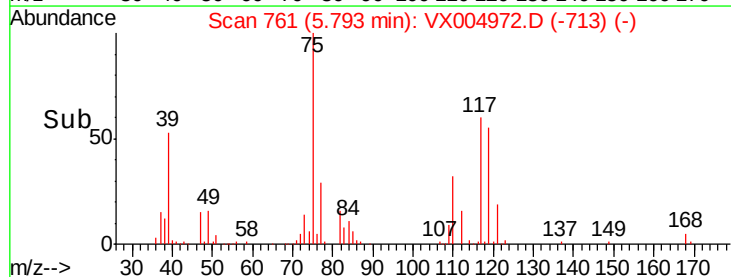
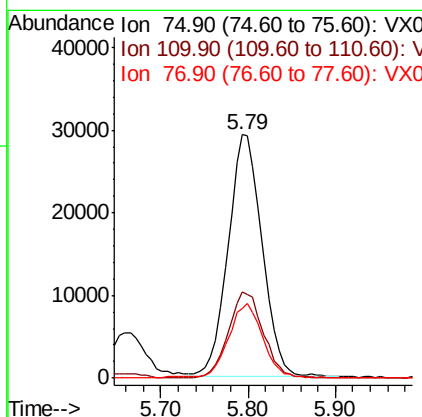
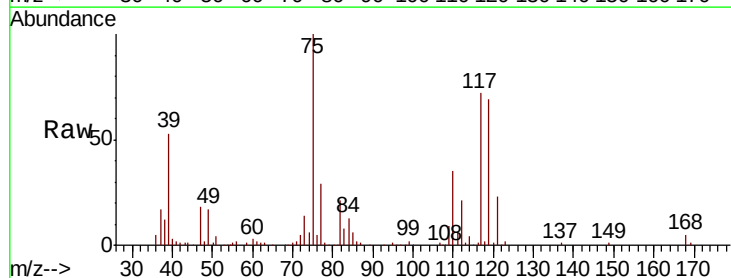
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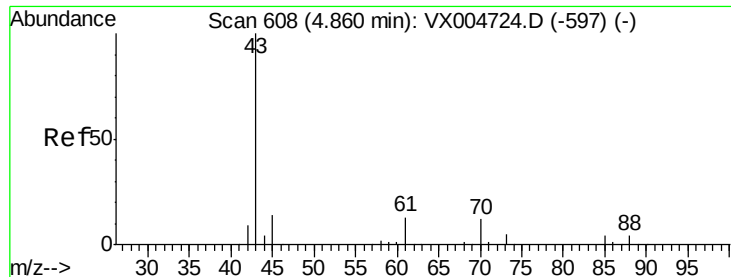
MMDadoda
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#36
1,1-Dichloropropene
Concen: 18.371 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.5	20.0	59.9	
77	31.6	27.1	40.7	





#37

Ethyl Acetate

Concen: 19.047 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

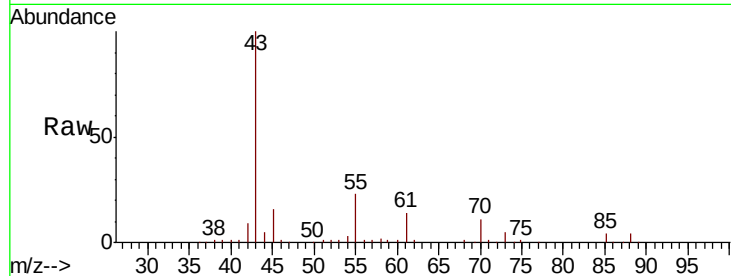
ClientSampleId :

VX1004WBSD01

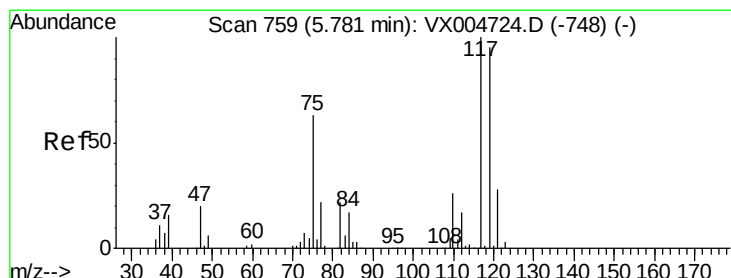
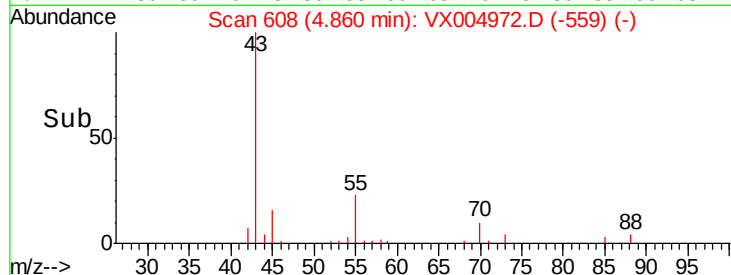
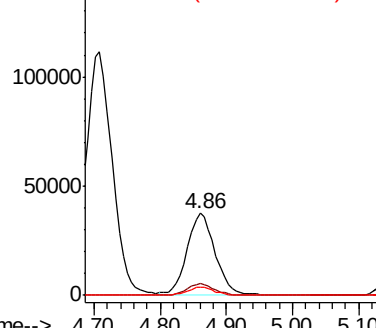
Tot Ion:	43	Resp:	109278
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.4	15.6
70	10.1	8.7	13.1

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



#38

Carbon Tetrachloride

Concen: 17.125 ug/l

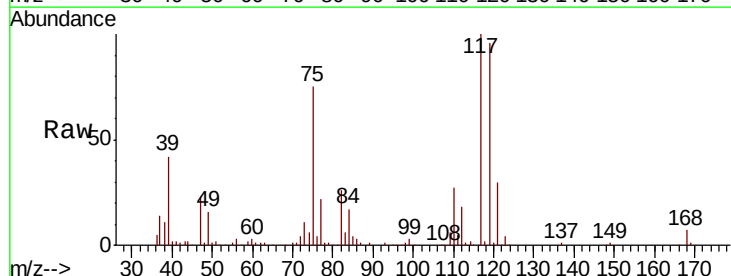
RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

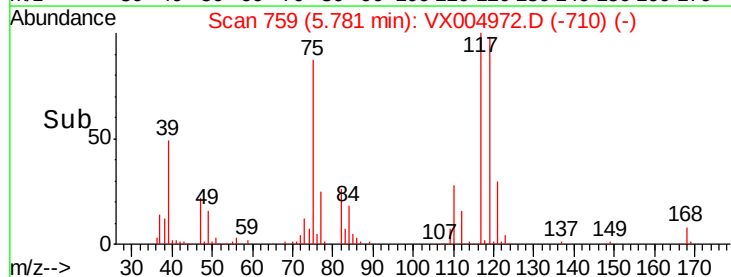
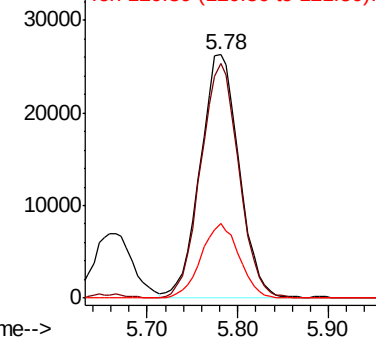
Lab File: VX004972.D

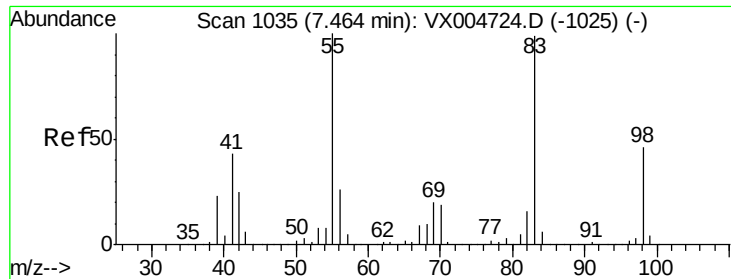
Acq: 03 Oct 2018 16:39

Tgt Ion:	117	Resp:	77805
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.2	112.8
121	30.6	22.5	33.7



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





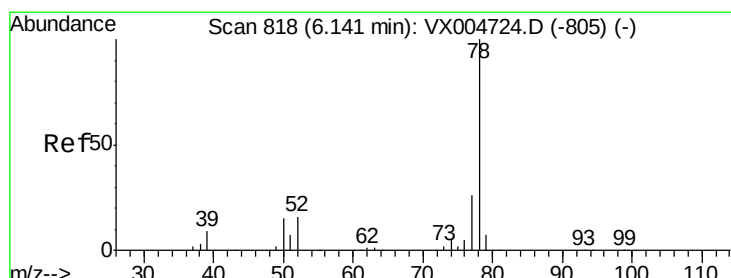
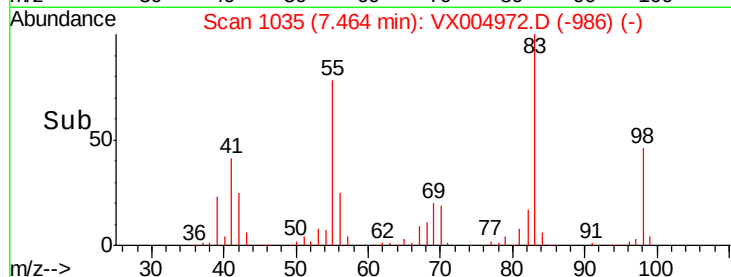
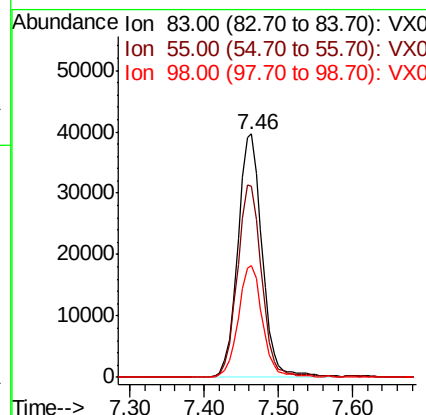
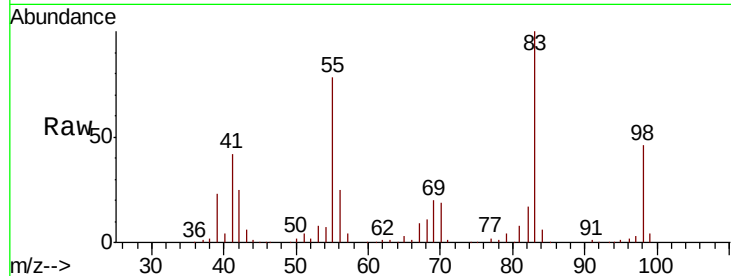
#39
Methylvlcyclohexane
Concen: 20.656 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Instrument :
MSVOA_X
ClientSampled :
VX1004WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	81.1	121.7#
98	45.8	37.3	55.9

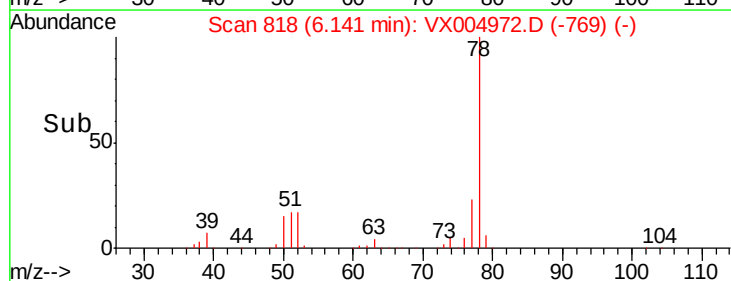
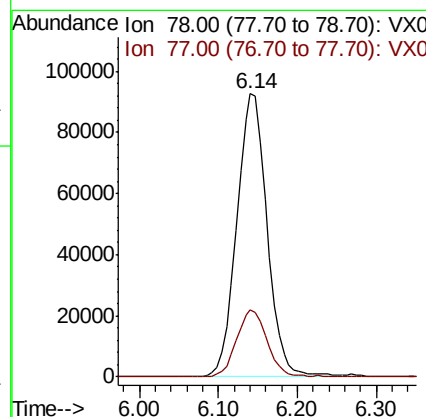
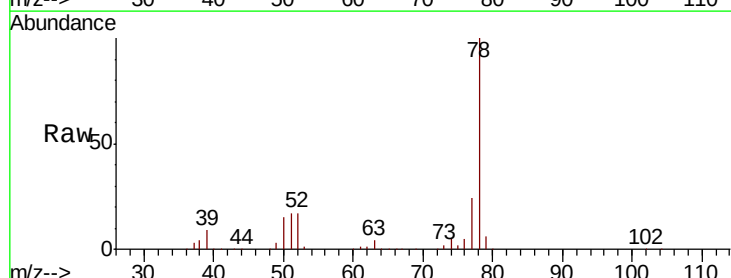
Manual Integrations
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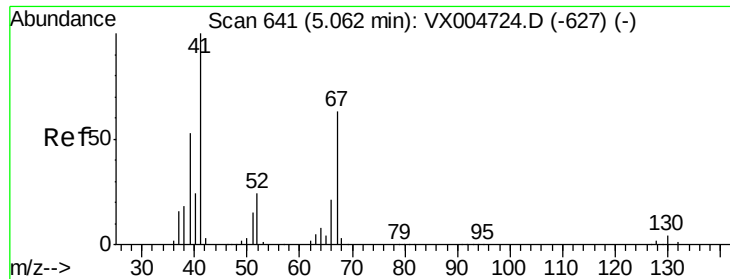
MMDadoda
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#40
Benzene
Concen: 18.339 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	21.0	31.4





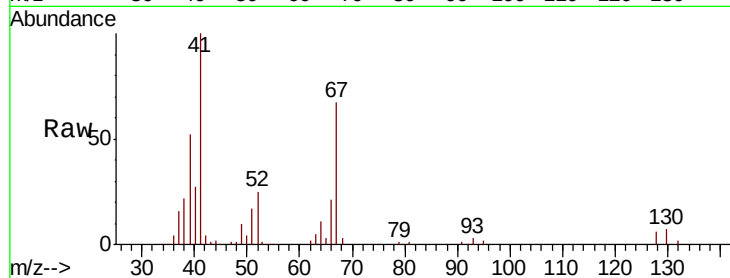
#41
Methacrylonitrile
Concen: 19.133 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

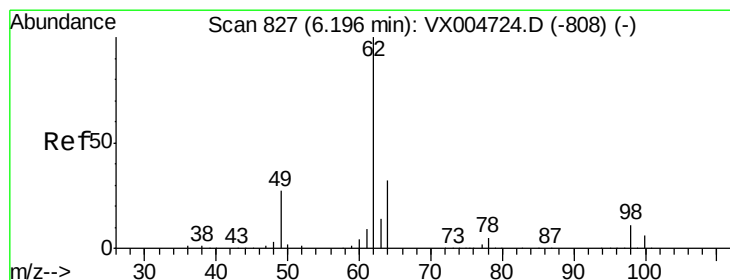
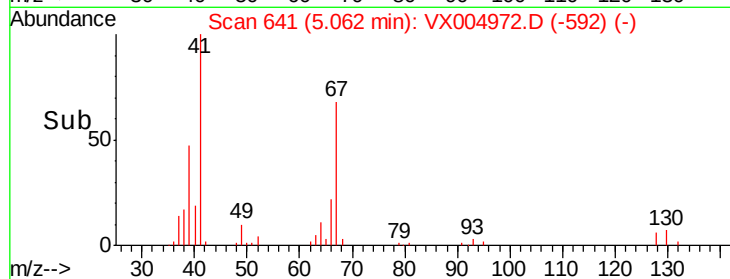
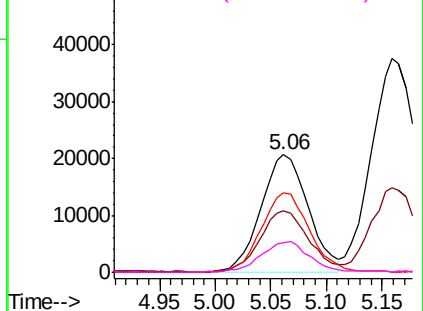
Tot Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.5	63.7
67	69.2	53.0	79.6
52	27.6	19.8	29.8

Manual Integrations
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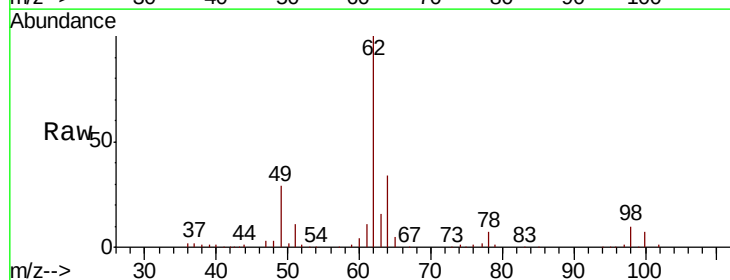


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

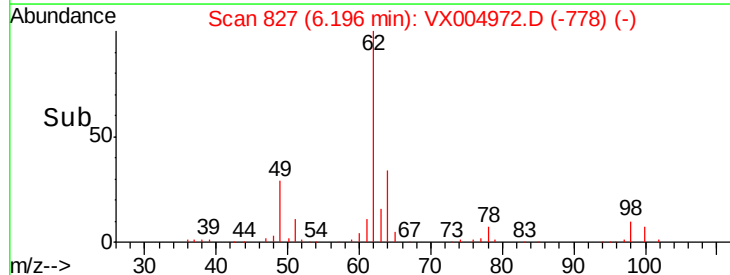
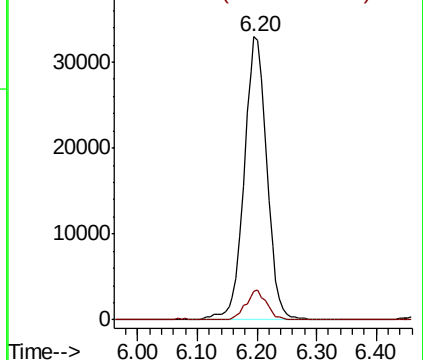


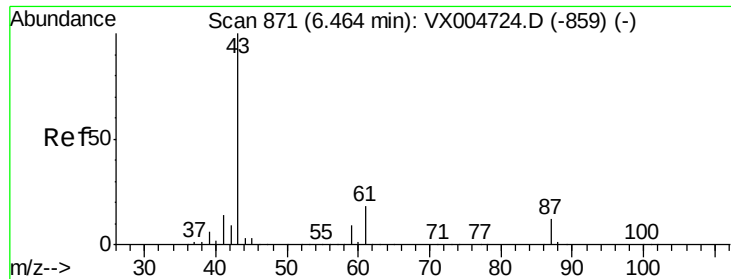
#42
1,2-Dichloroethane
Concen: 18.322 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.340 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

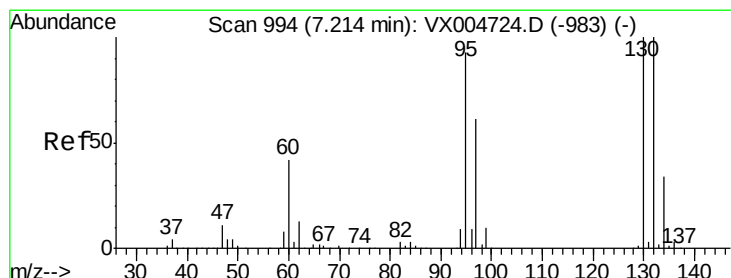
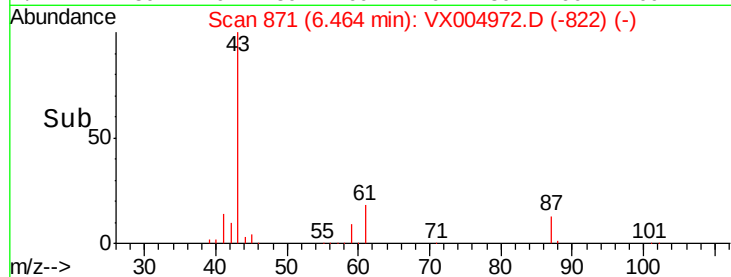
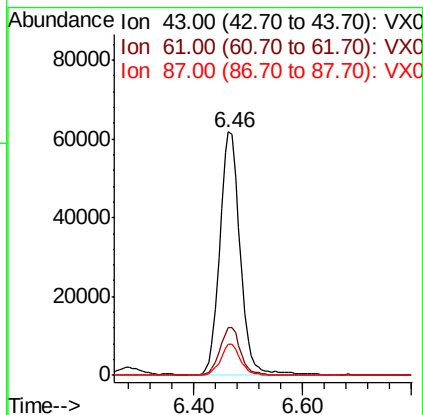
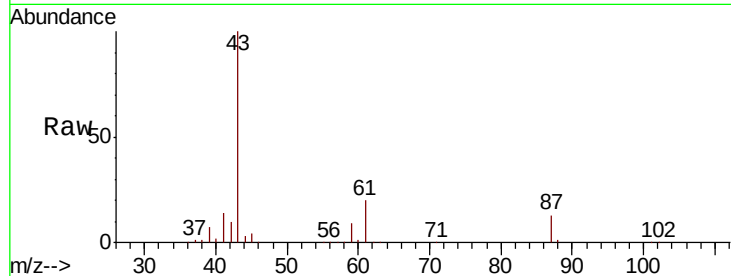
ClientSampleId :

VX1004WBSD01

Tot Ion:	43	Resp:	160153
Ion	Ratio	Lower	Upper
43	100		
61	19.9	14.2	21.4
87	12.5	9.3	13.9

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#44

Trichloroethene

Concen: 20.328 ug/l

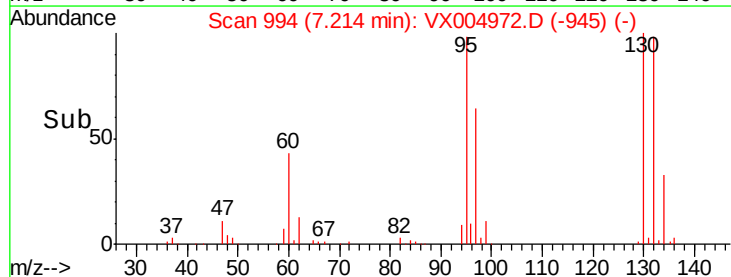
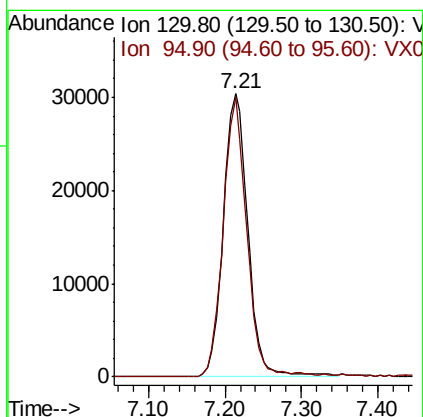
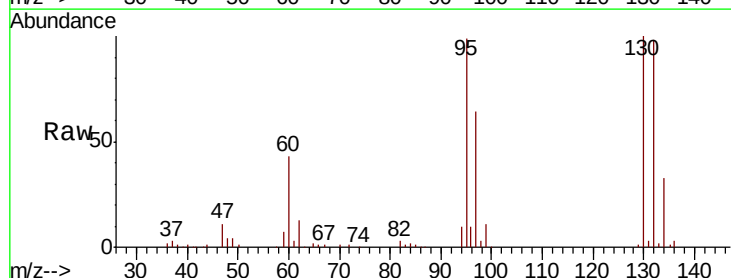
RT: 7.21 min Scan# 994

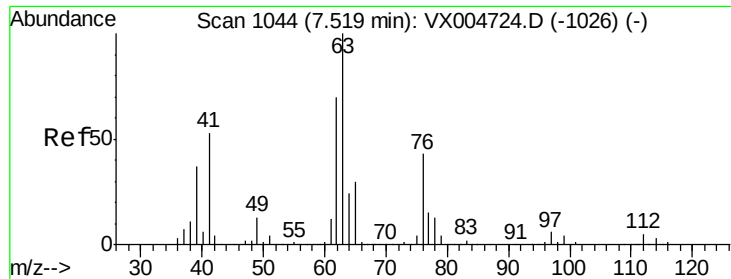
Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Tgt Ion:	130	Resp:	67619
Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	186.8





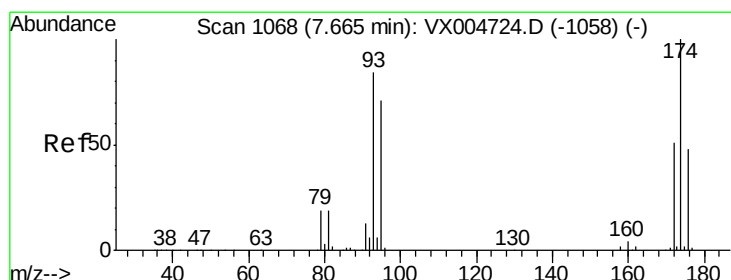
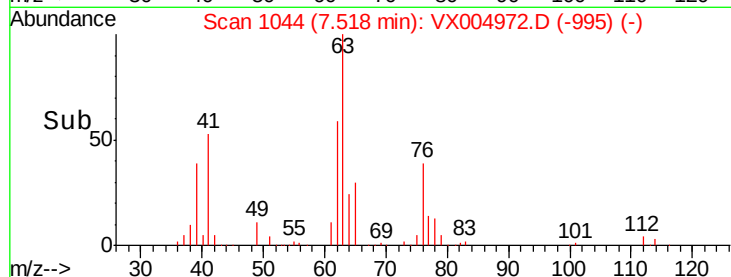
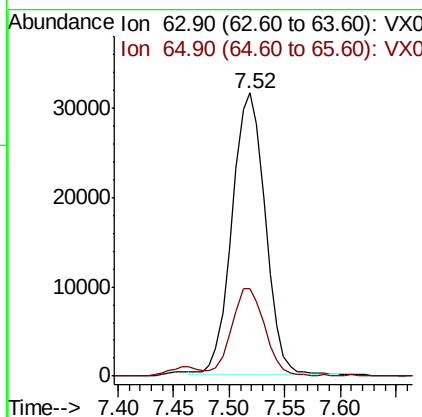
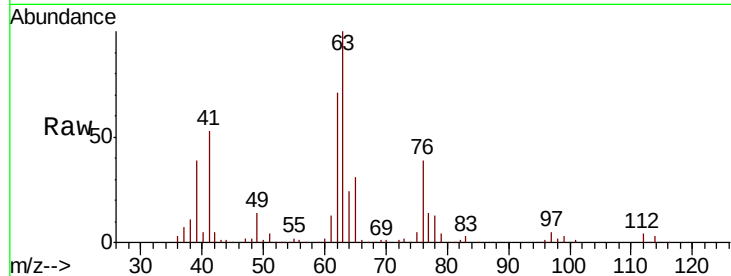
#45
 1,2-Dichloropropane
 Concen: 19.745 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Instrument :
 MSVOA_X
 ClientSampled :
 VX1004WBSD01

Tot Ion: 63 Resp: 65518
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.9 35.9

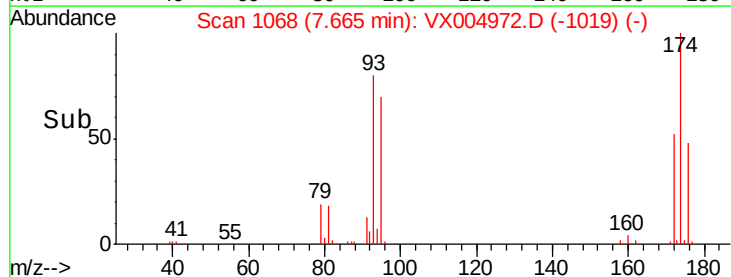
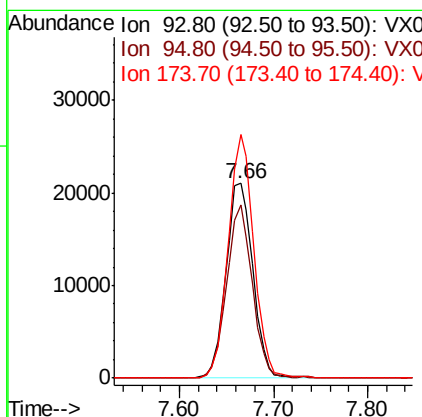
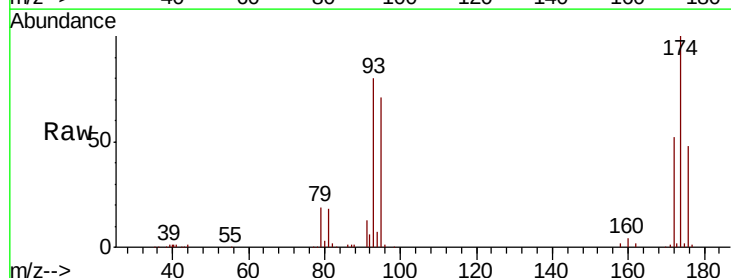
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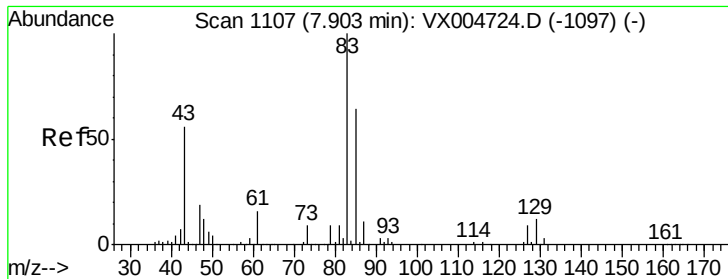
MMDadoda
 10/5/2018 3:24:44 PM



#46
 Dibromomethane
 Concen: 19.935 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion: 93 Resp: 41573
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.7 100.1
 174 118.8 92.7 139.1





#47

Bromodichloromethane

Concen: 20.234 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

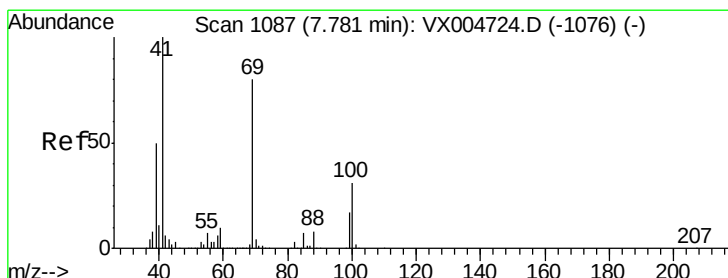
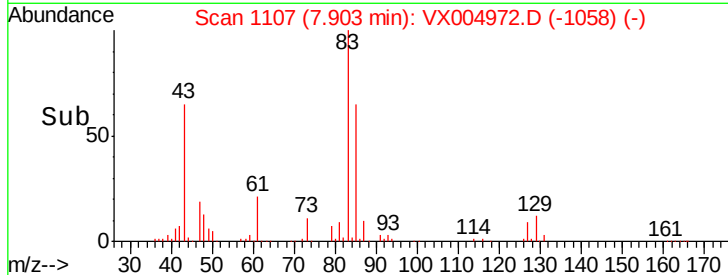
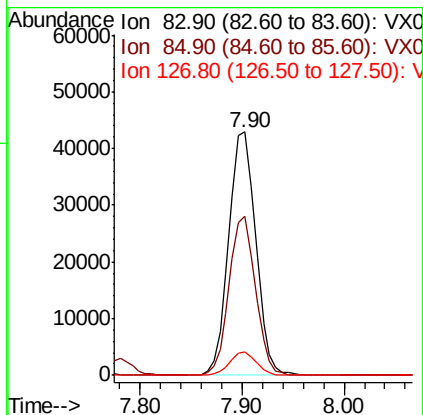
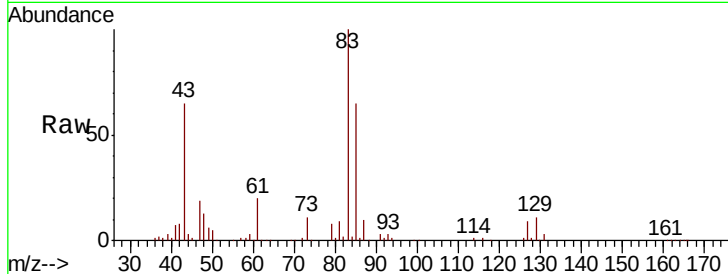
ClientSampleId :

VX1004WBSD01

Tot Ion:	83	Resp:	79004
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.2	76.8
127	9.4	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.563 ug/l

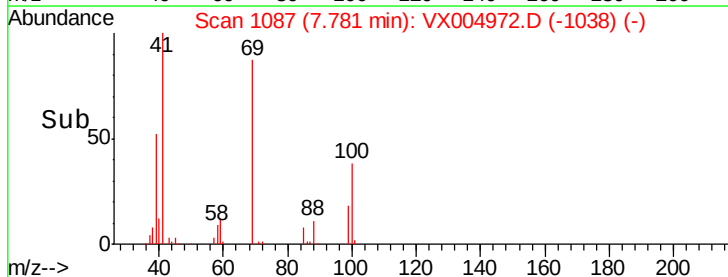
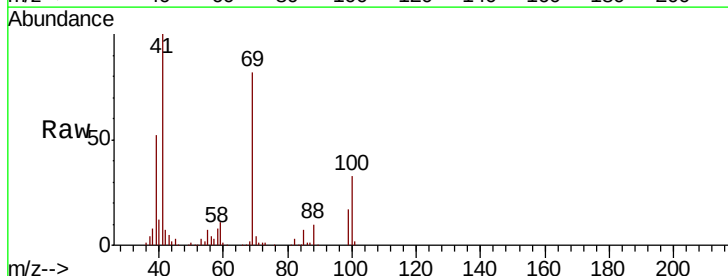
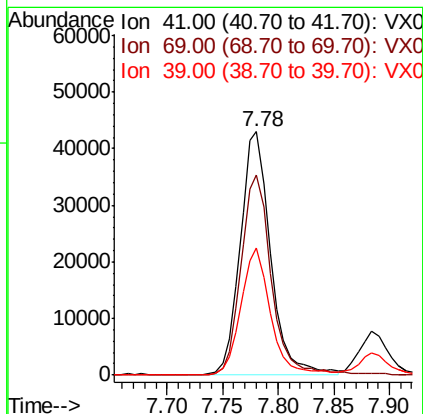
RT: 7.78 min Scan# 1087

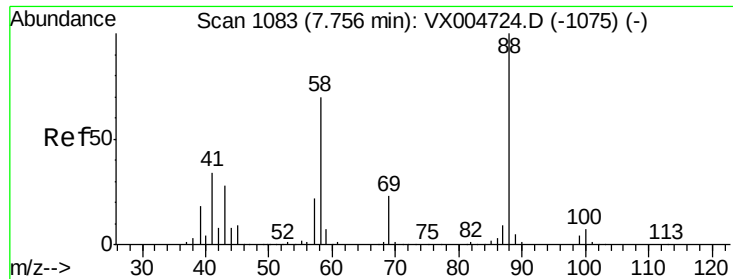
Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Tgt Ion:	41	Resp:	81043
Ion	Ratio	Lower	Upper
41	100		
69	83.4	63.8	95.6
39	51.7	40.7	61.1





#49

1,4-Dioxane

Concen: 421.458 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

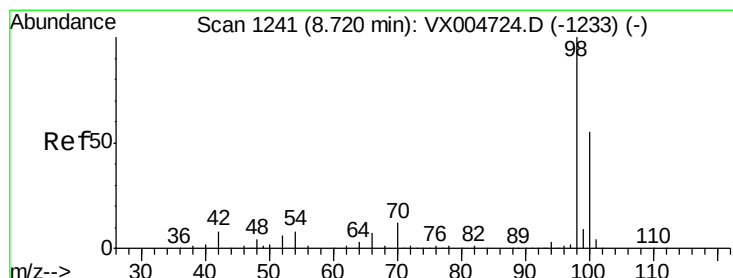
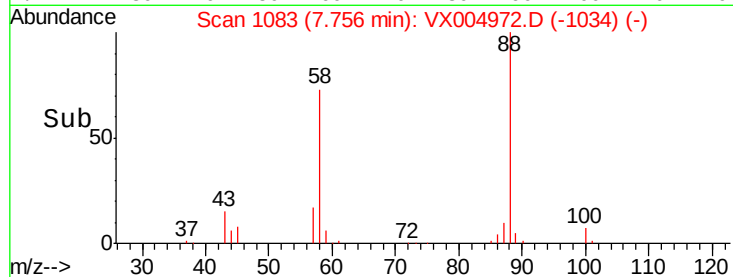
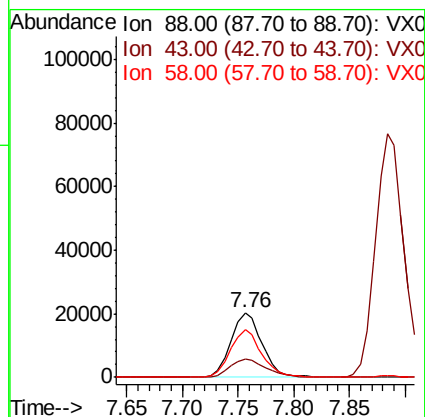
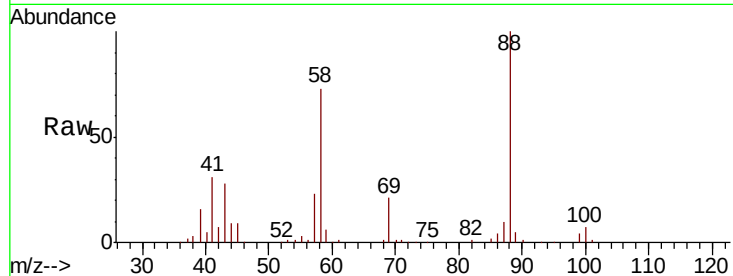
ClientSampleId :

VX1004WBSD01

Tot Ion:	88	Resp:	39354
Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.1	37.7
58	73.7	56.2	84.2

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#50

Toluene-d8

Concen: 52.952 ug/l

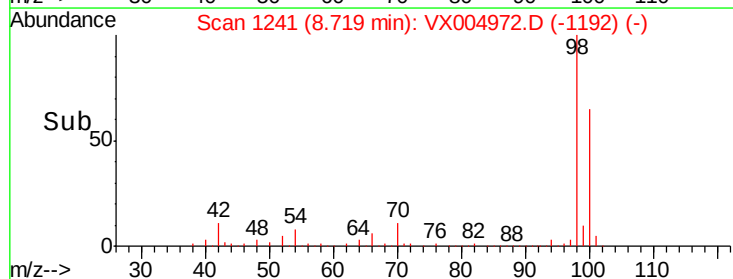
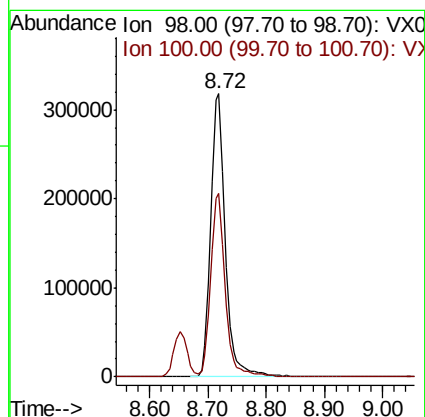
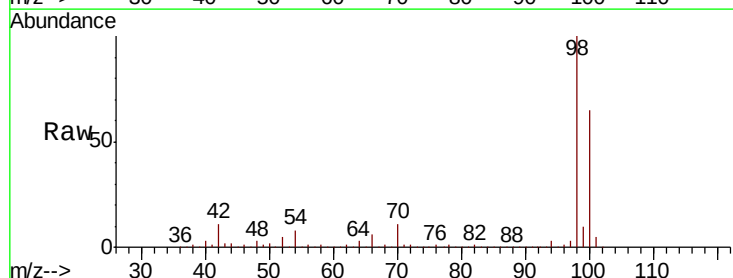
RT: 8.72 min Scan# 1241

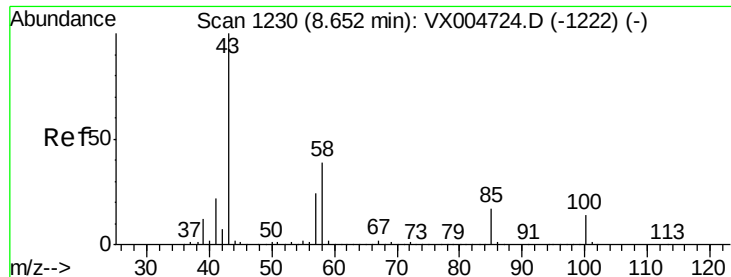
Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Tgt Ion:	98	Resp:	557658
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.9	77.9





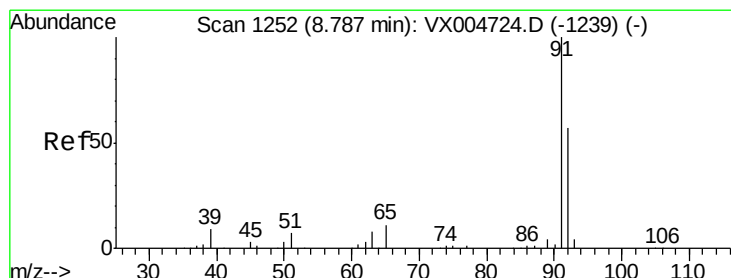
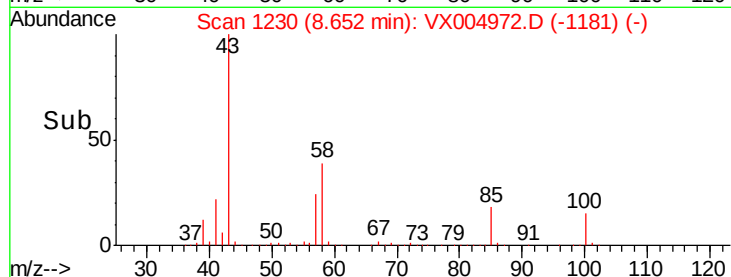
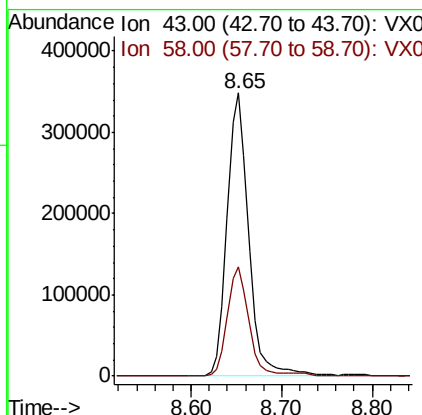
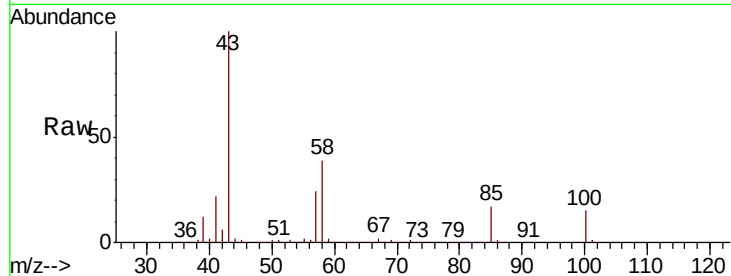
#51
4-Methyl-2-Pentanone
Concen: 110.596 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

Tot Ion: 43 Resp: 576642
Ion Ratio Lower Upper
43 100
58 37.8 30.5 45.7

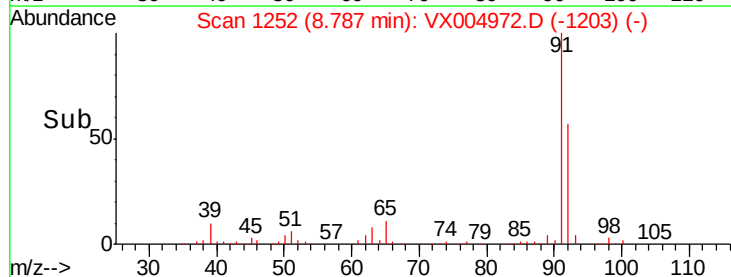
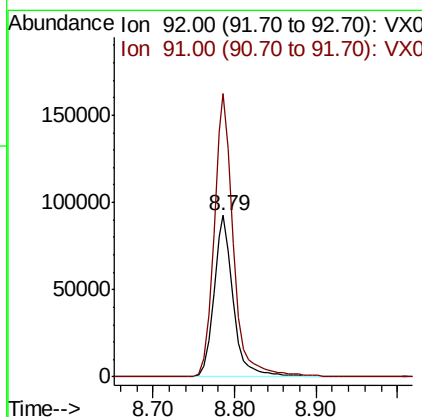
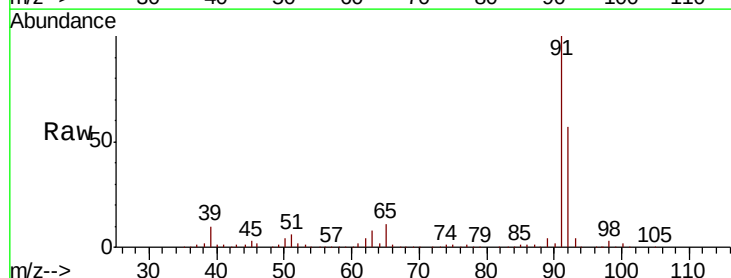
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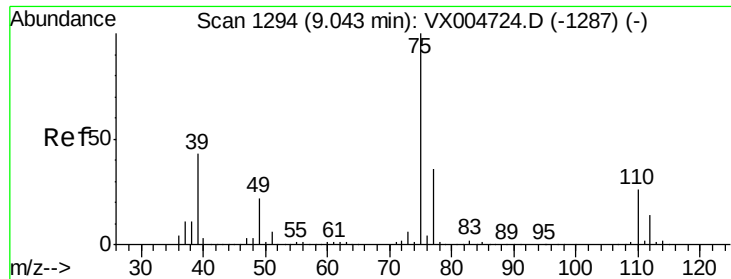
MMDadoda
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#52
Toluene
Concen: 20.832 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion: 92 Resp: 154887
Ion Ratio Lower Upper
92 100
91 175.3 136.7 205.1





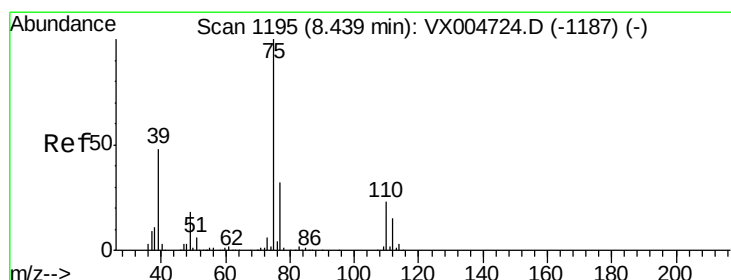
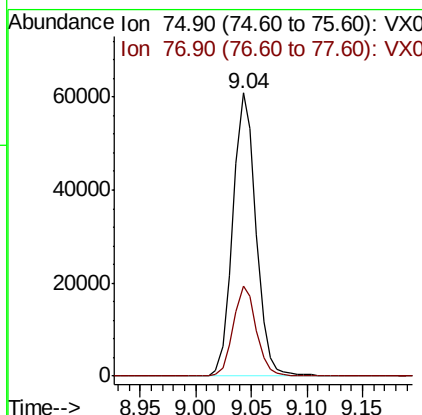
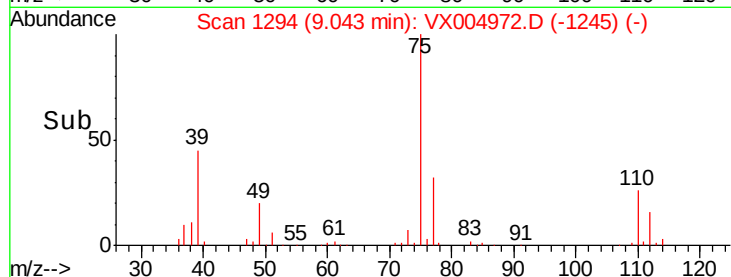
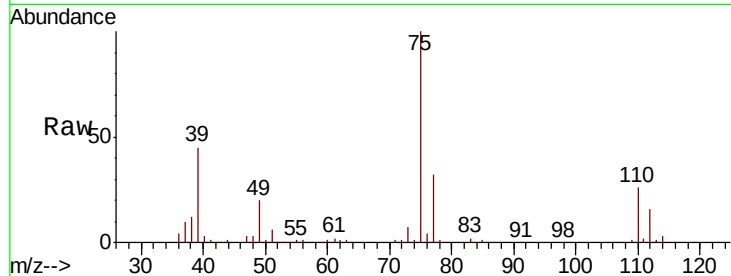
#53
t-1,3-Dichloropropene
Concen: 19.847 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

Tot Ion: 75 Resp: 87568
Ion Ratio Lower Upper
75 100
77 31.7 28.9 43.3

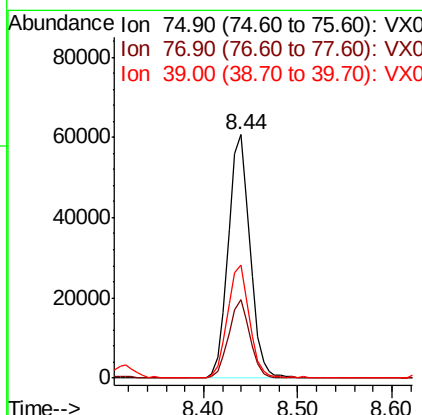
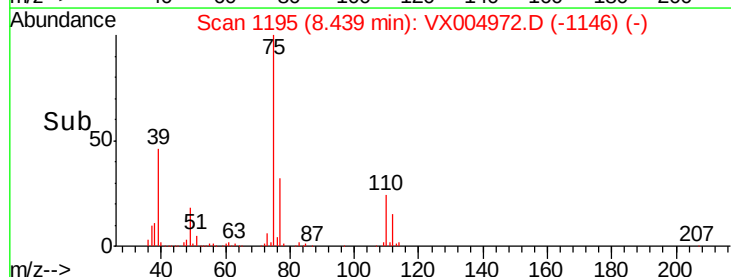
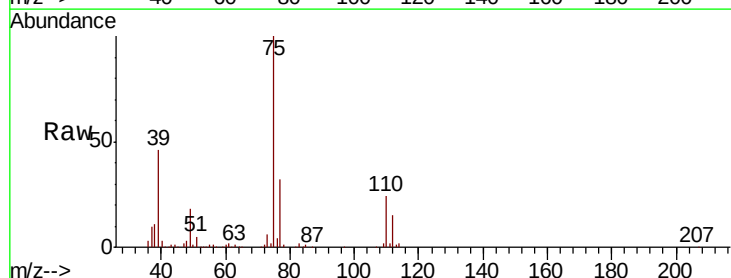
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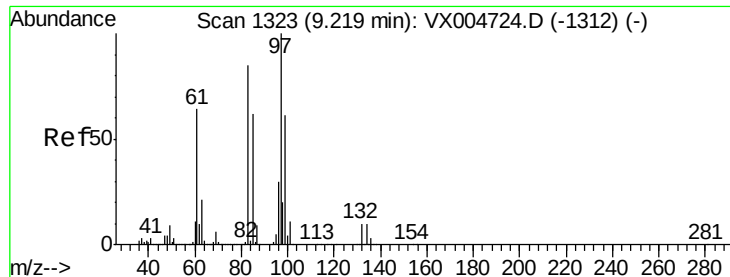
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.113 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion: 75 Resp: 97572
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
39 46.2 38.3 57.5





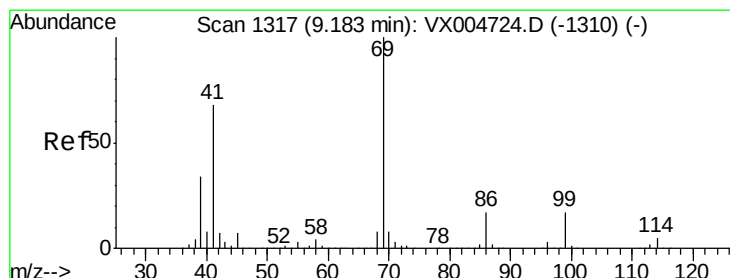
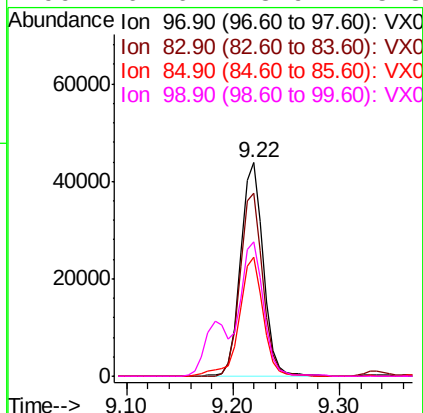
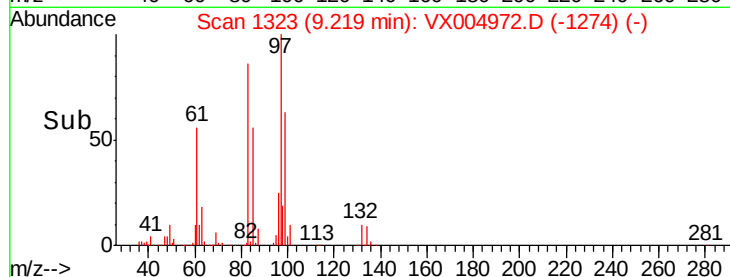
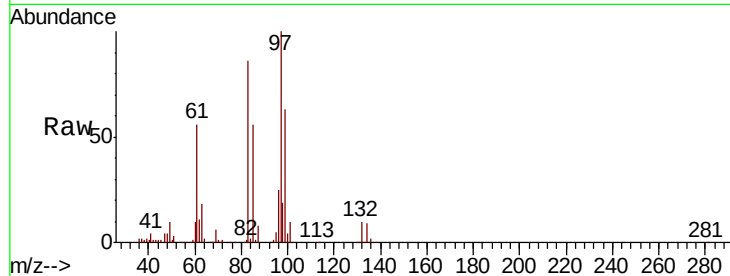
#55
 1,1,2-Trichloroethane
 Concen: 20.194 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Tot Ion:	97	Resp:	65768
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.2	102.2
85	55.7	49.9	74.9
99	62.6	48.9	73.3

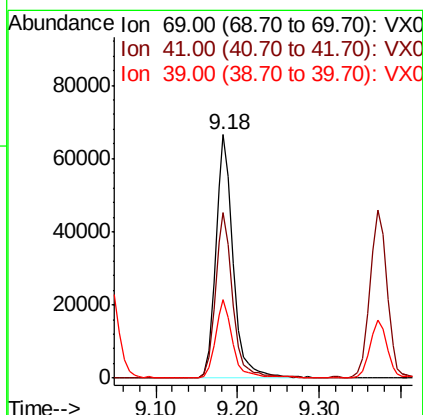
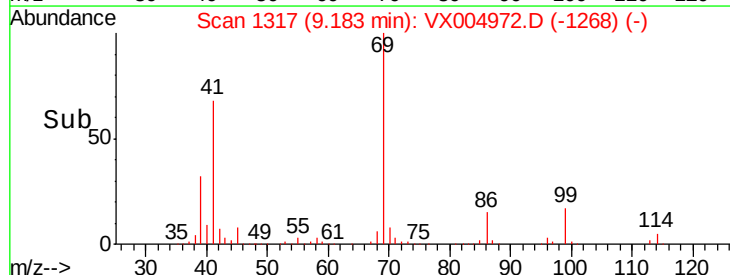
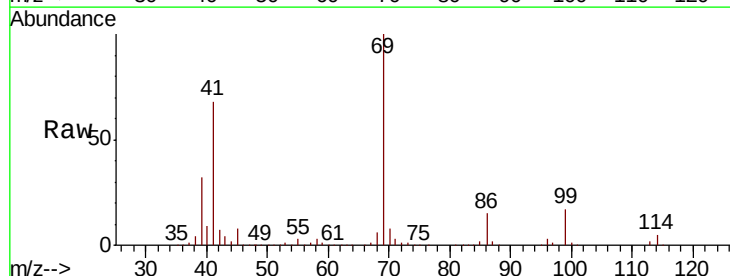
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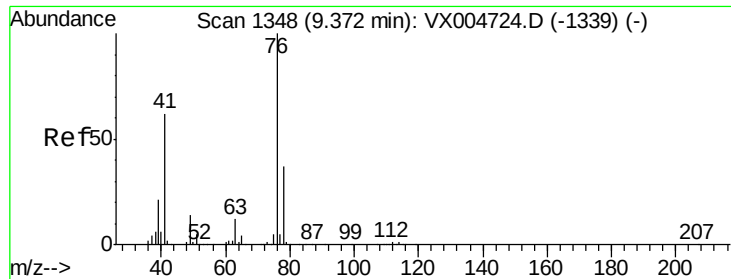
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#56
 Ethyl methacrylate
 Concen: 20.822 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion:	69	Resp:	100682
Ion	Ratio	Lower	Upper
69	100		
41	67.6	56.9	85.3
39	31.7	28.4	42.6





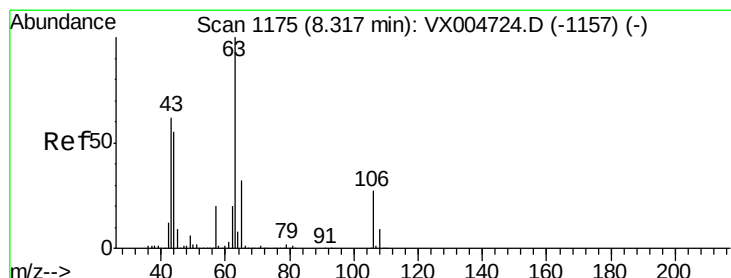
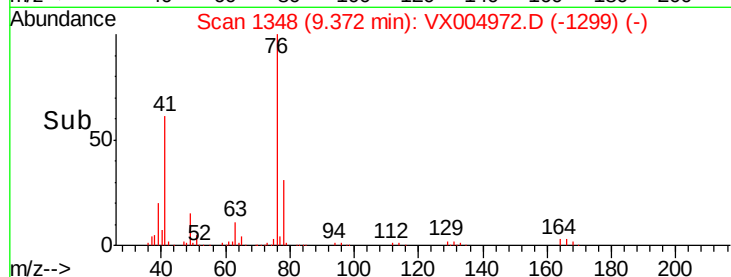
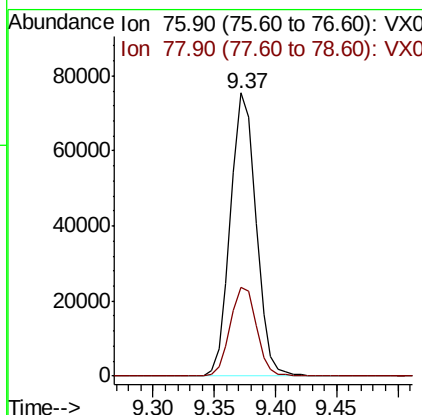
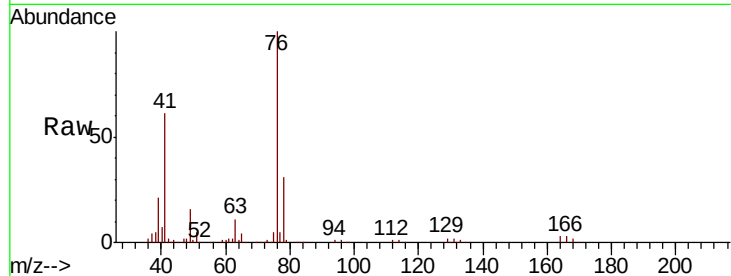
#57
 1,3-Dichloropropane
 Concen: 20.234 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.6	40.0

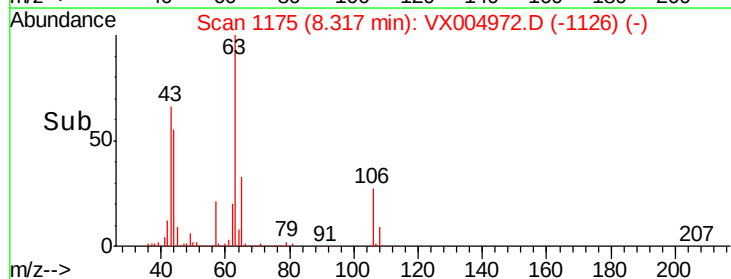
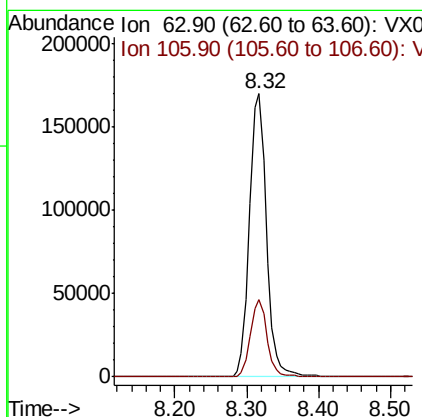
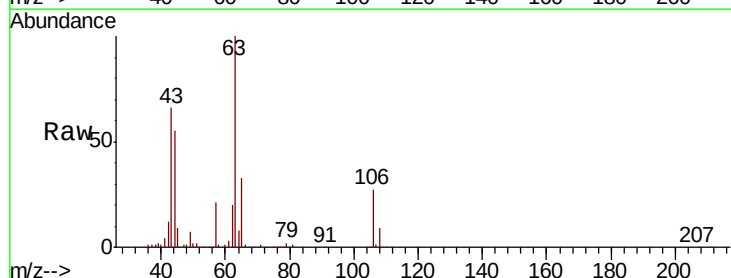
Manual Integrations
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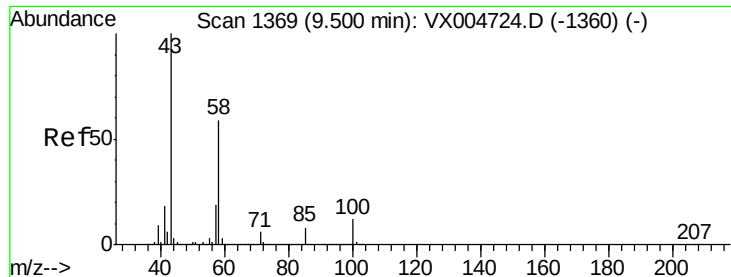
MMDadoda
 10/5/2018 3:24:44 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.197 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.0	31.6





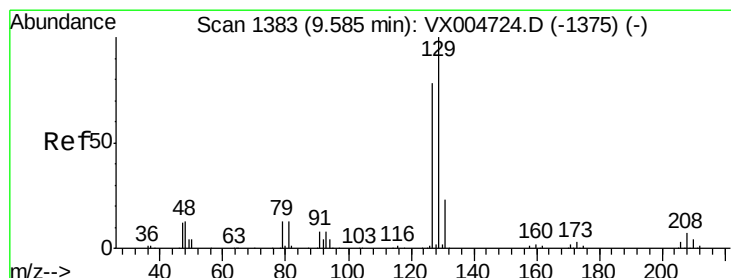
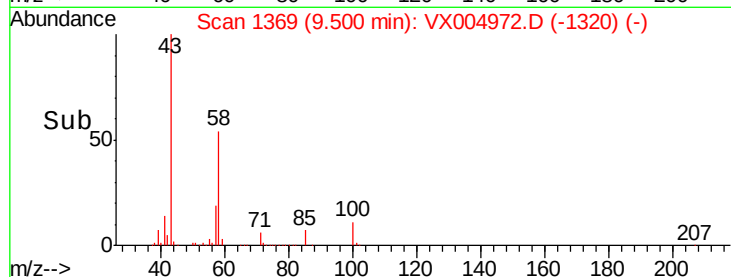
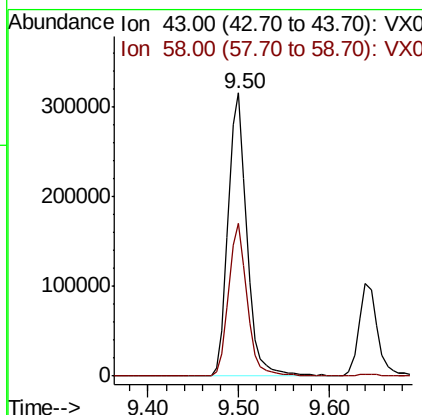
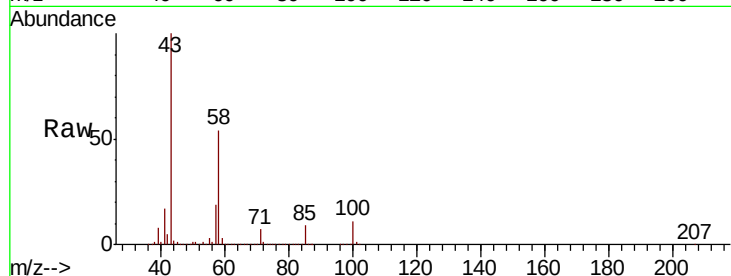
#59
2-Hexanone
Concen: 104.805 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Instrument :
MSVOA_X
ClientSampled :
VX1004WBSD01

Tot Ion	43	Resp	455365
Ion	Ratio	Lower	Upper
43	100		
58	53.5	28.4	85.3

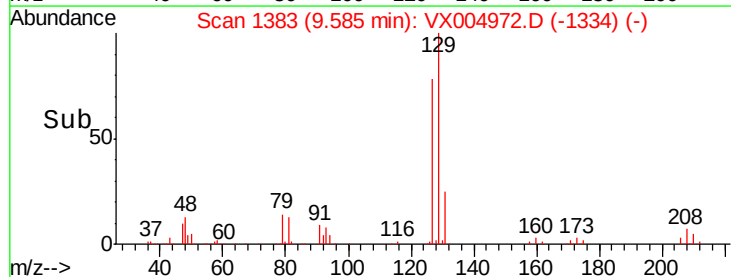
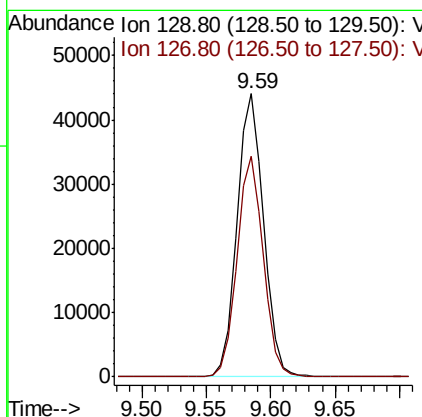
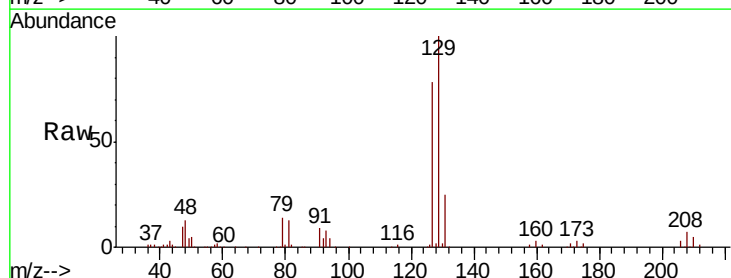
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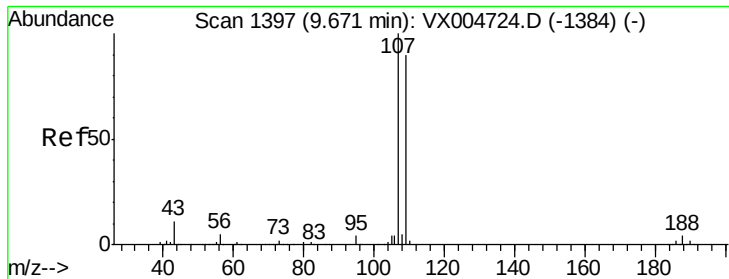
MMDadoda
10/5/2018 3:24:44 PM



#60
Dibromochloromethane
Concen: 19.268 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion	129	Resp	62759
Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.1	117.2





#61

1,2-Dibromoethane

Concen: 19.016 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion:107 Resp: 66326

Ion Ratio Lower Upper

107 100

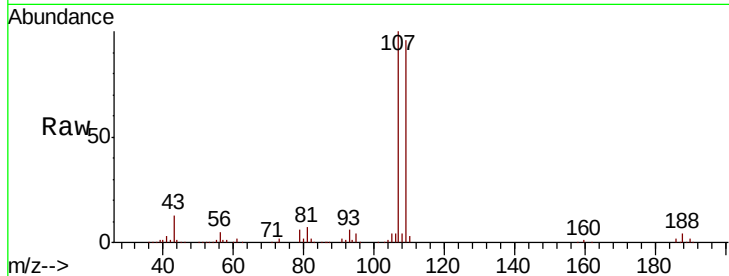
109 95.7 72.1 108.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

50000

40000

30000

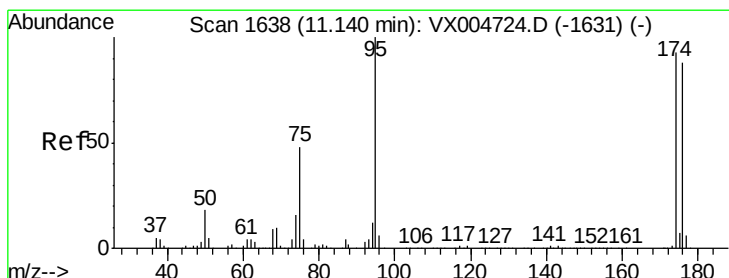
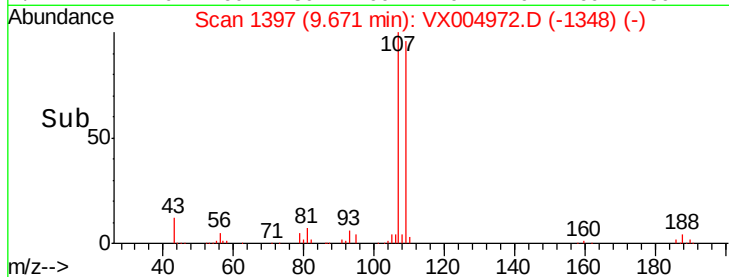
20000

10000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 54.063 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

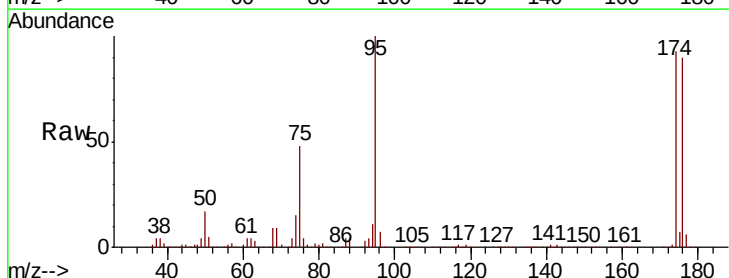
Tgt Ion: 95 Resp: 205115

Ion Ratio Lower Upper

95 100

174 90.8 0.0 185.0

176 87.8 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

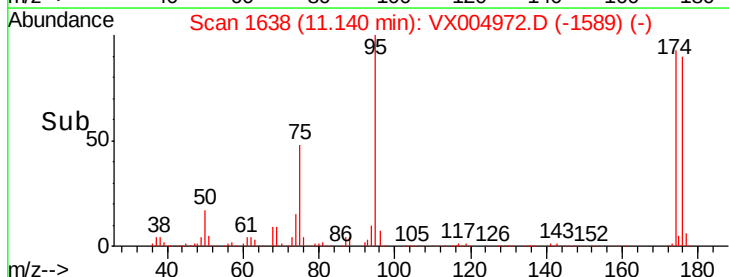
100000

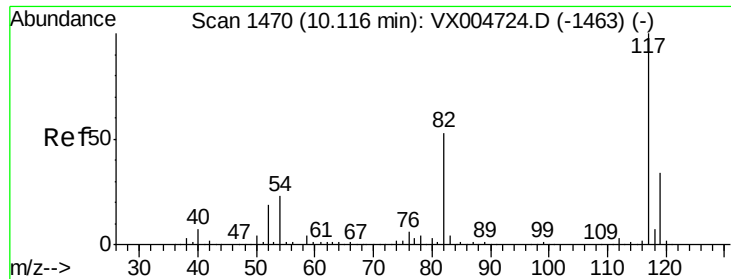
50000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

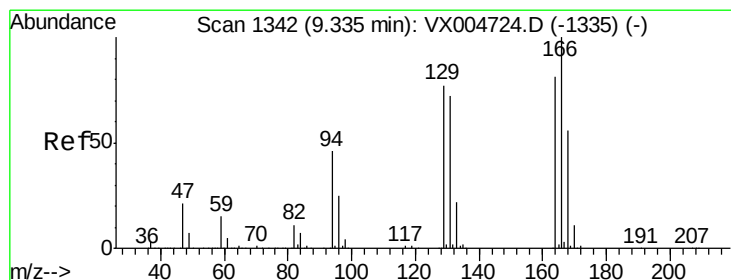
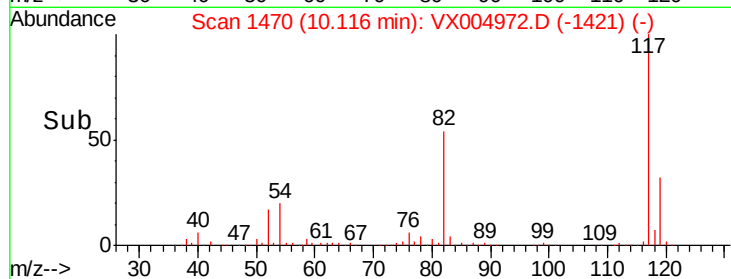
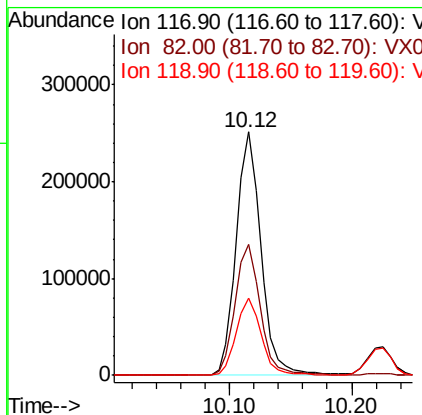
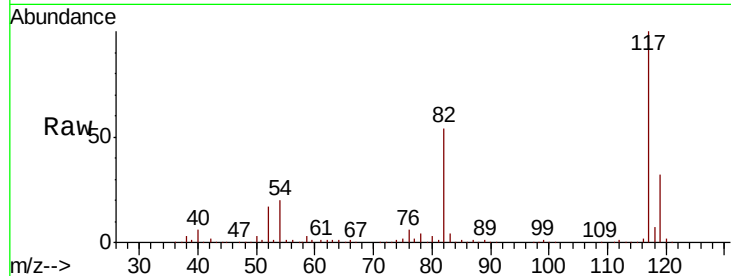
ClientSampleId :

VX1004WBSD01

Tot Ion:	117	Resp:	353417
Ion Ratio	Lower	Upper	
117	100		
82	54.0	42.2	63.4
119	31.8	27.4	41.0

Manual Integrations
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#64

Tetrachloroethene

Concen: 19.443 ug/l

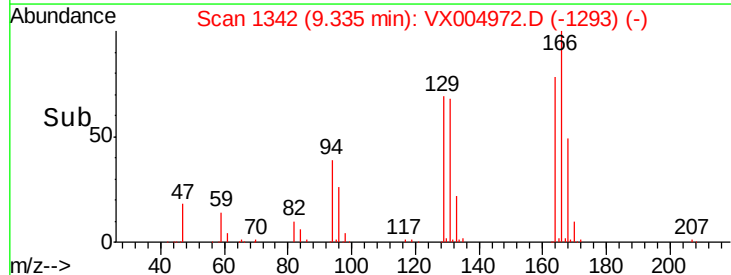
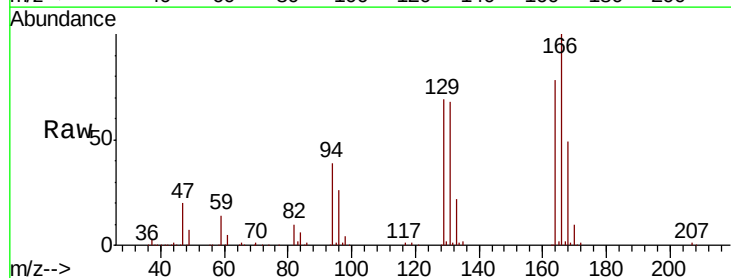
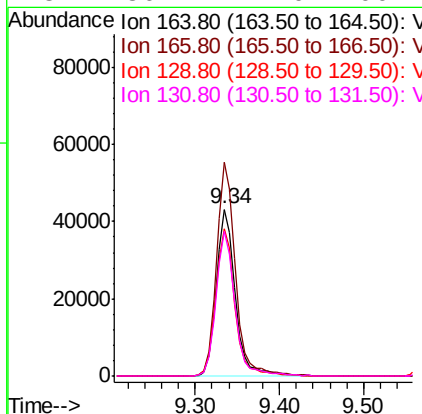
RT: 9.34 min Scan# 1342

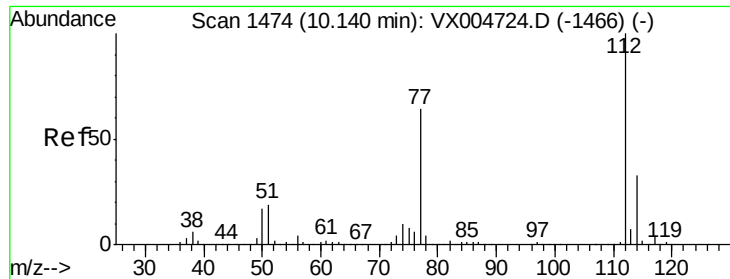
Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Tgt Ion:	164	Resp:	67632
Ion Ratio	Lower	Upper	
164	100		
166	128.3	98.4	147.6
129	88.7	76.1	114.1
131	86.7	71.0	106.4





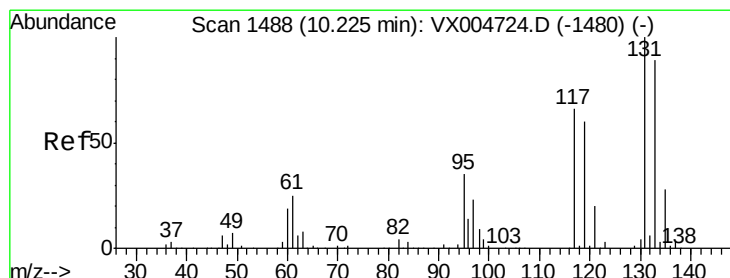
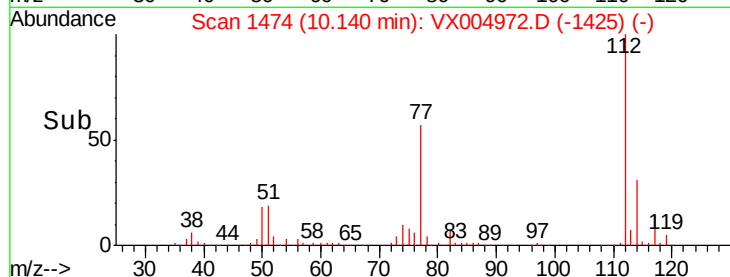
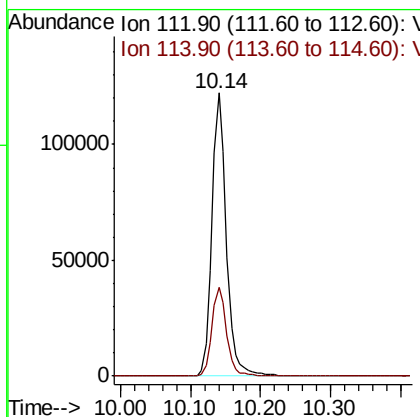
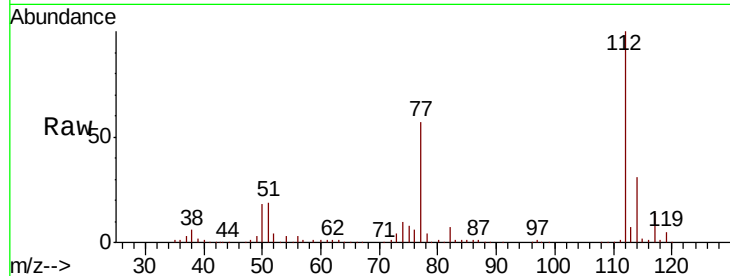
#65
Chlorobenzene
Concen: 19.297 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

Tot Ion:112 Resp: 174883
Ion Ratio Lower Upper
112 100
114 31.3 26.7 40.1

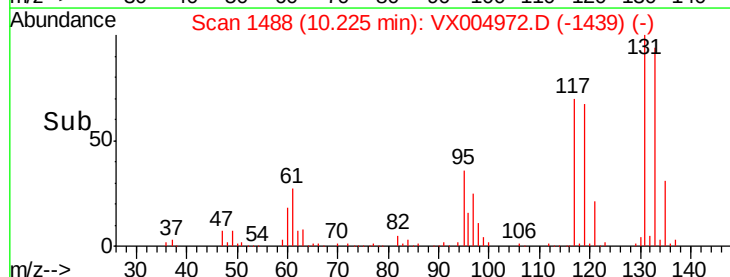
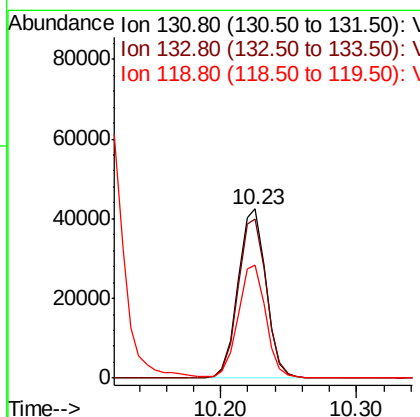
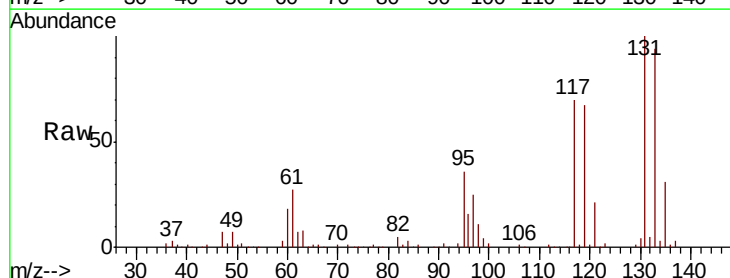
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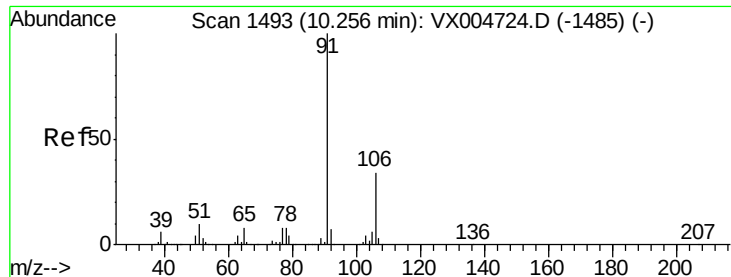
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.051 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion:131 Resp: 60696
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.0
119 66.6 32.3 96.8





#67

Ethyl Benzene

Concen: 19.768 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampled :

VX1004WBSD01

Tot Ion: 91 Resp: 284424

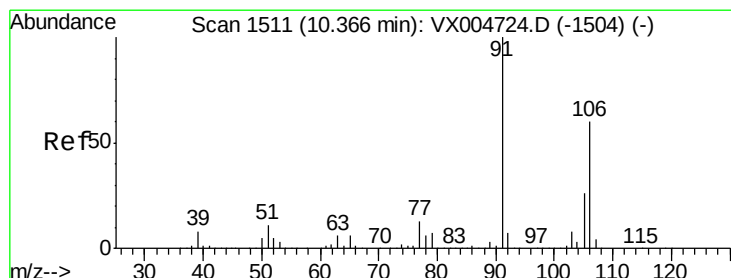
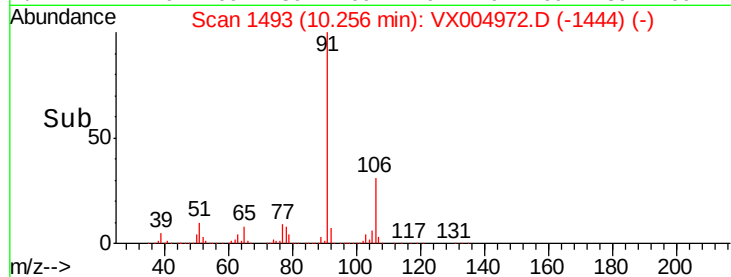
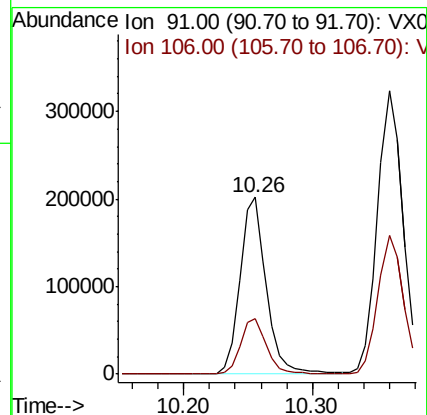
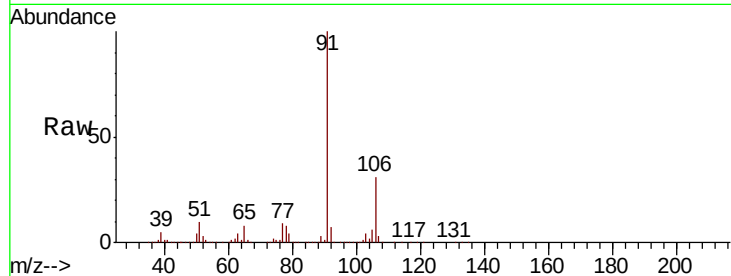
Ion Ratio Lower Upper

91 100

106 31.2 26.9 40.3

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#68

m/p-Xylenes

Concen: 39.806 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004972.D

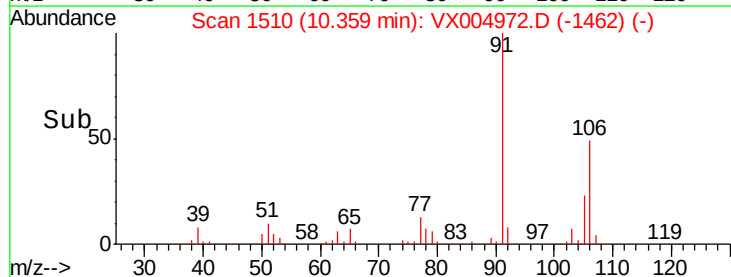
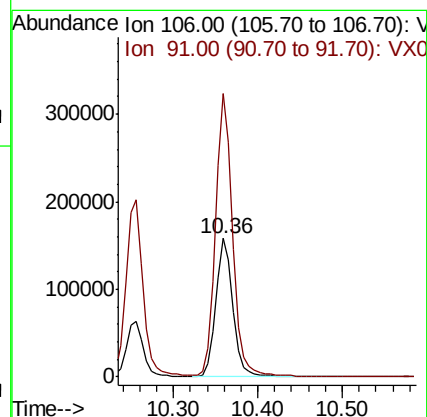
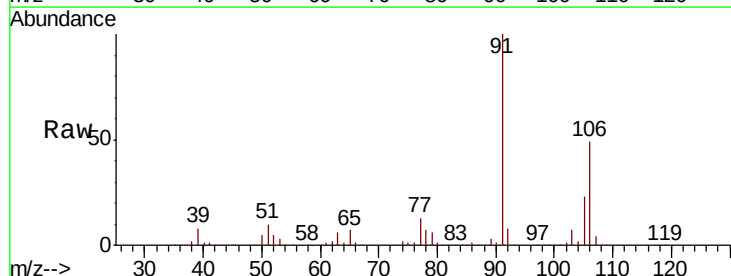
Acq: 03 Oct 2018 16:39

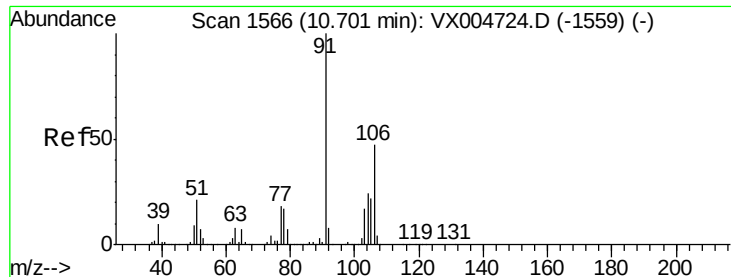
Tgt Ion: 106 Resp: 223808

Ion Ratio Lower Upper

106 100

91 204.2 157.5 236.3





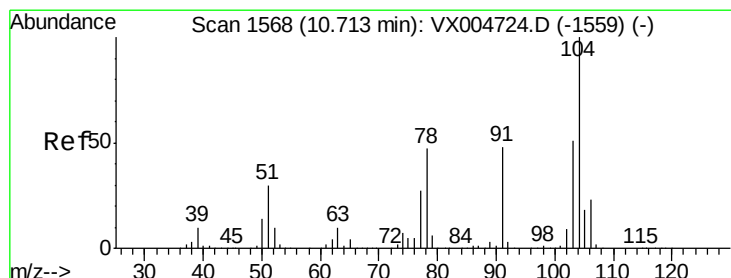
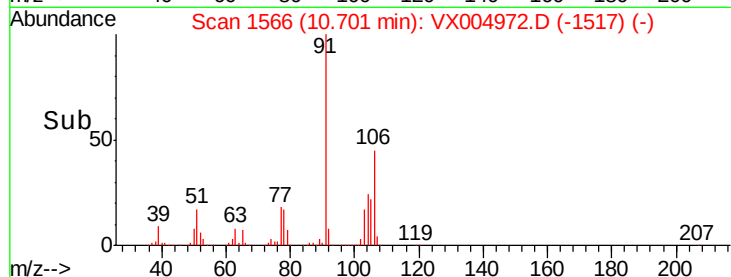
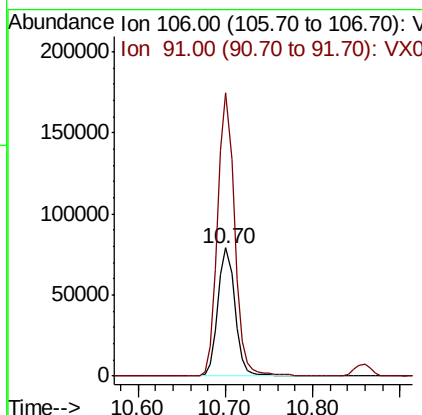
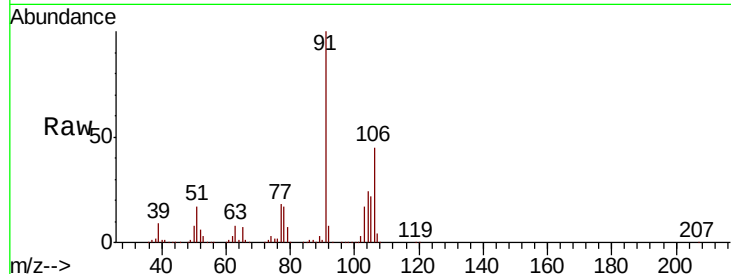
#69
o-Xylene
Concen: 20.929 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	217.2	108.3	324.8	

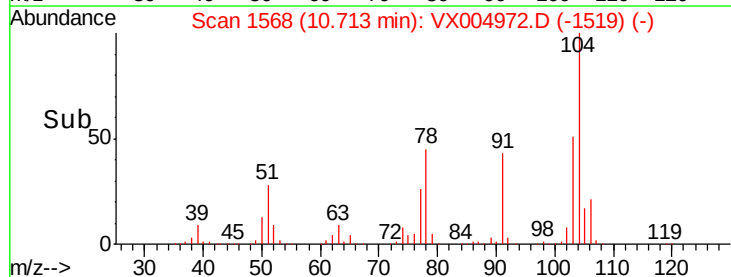
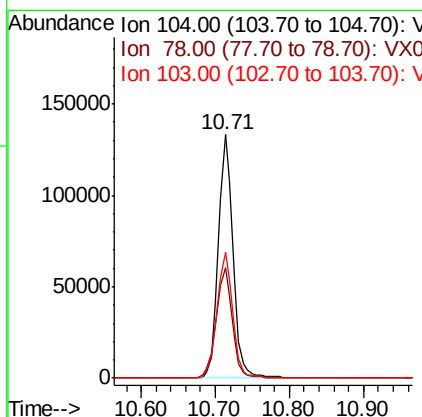
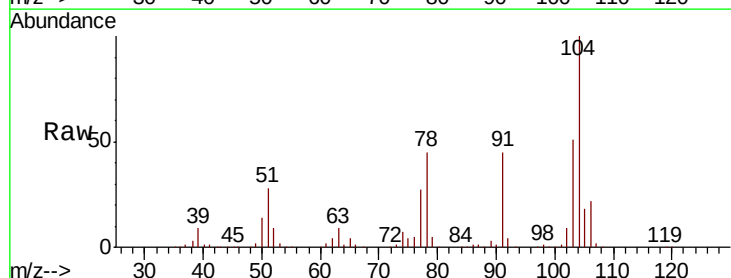
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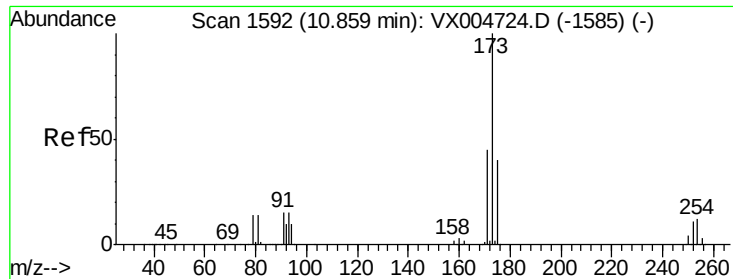
MMDadoda
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#70
Styrene
Concen: 20.086 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	49.5	40.0	60.0	
103	55.4	44.3	66.5	





#71

Bromoform

Concen: 18.323 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion:173 Resp: 49978

Ion Ratio Lower Upper

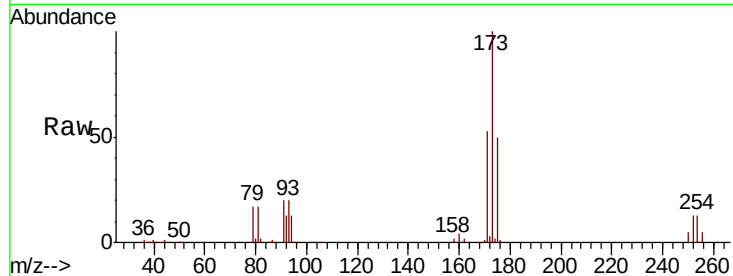
173 100

175 49.5 23.3 69.8

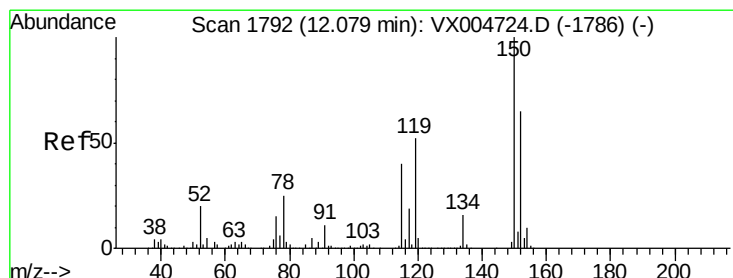
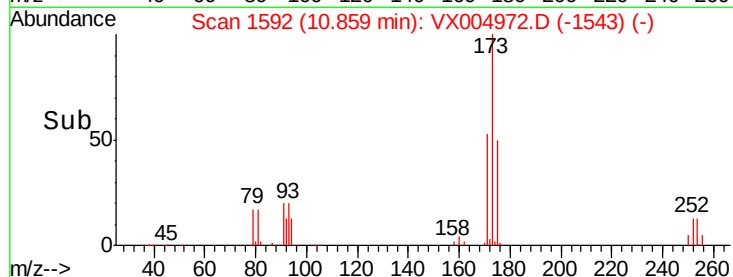
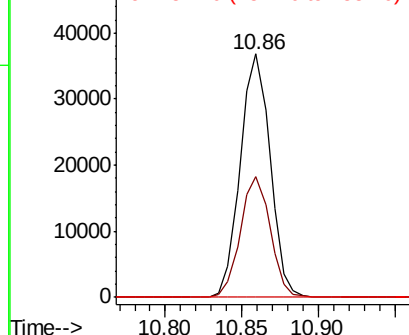
254 0.2 0.2 0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

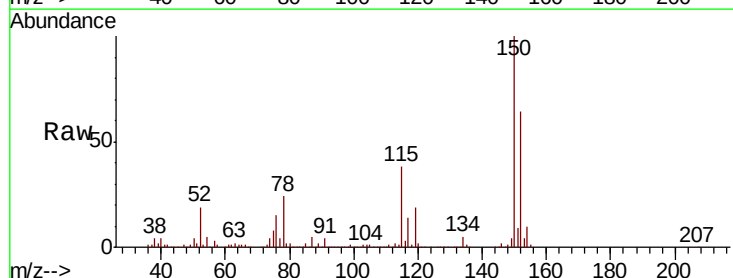
Tgt Ion:152 Resp: 210479

Ion Ratio Lower Upper

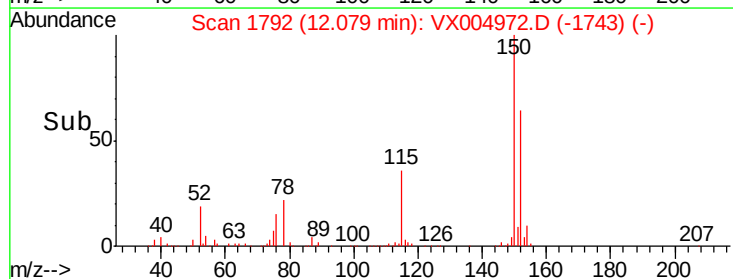
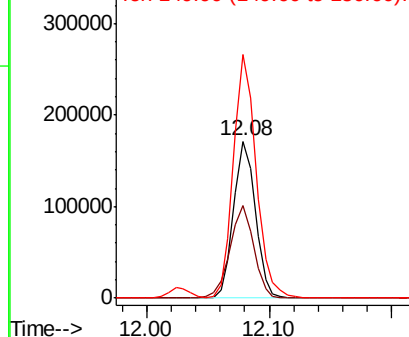
152 100

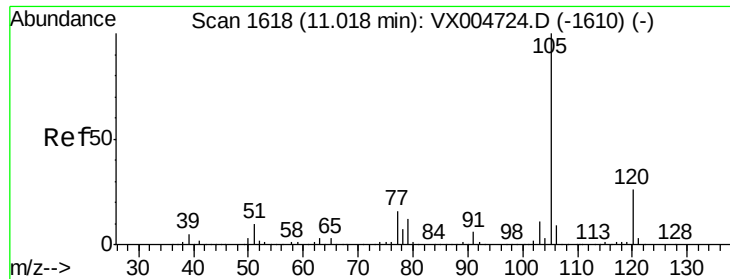
115 64.7 40.2 120.6

150 161.5 0.0 351.0



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





#73

Isopropylbenzene

Concen: 22.057 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion: 105 Resp: 292628

Ion Ratio Lower Upper

105 100

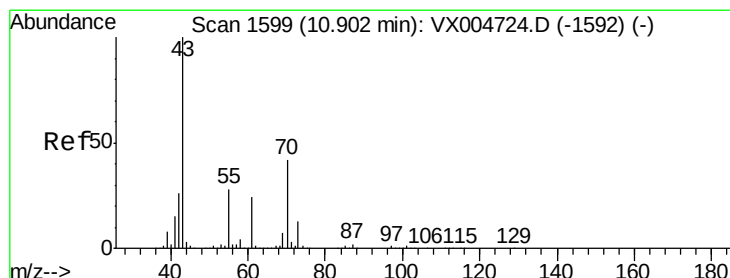
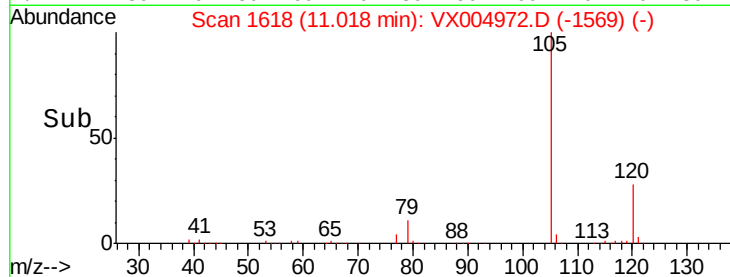
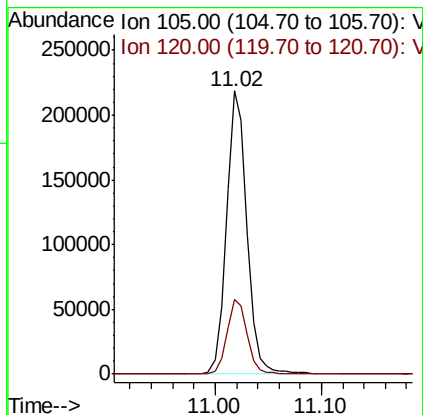
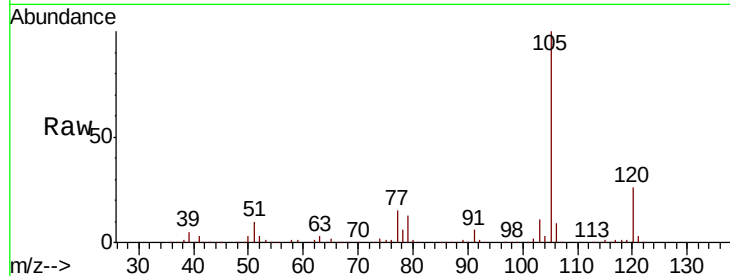
120 26.4 13.2 39.5

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#74

N-ethyl acetate

Concen: 19.909 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Tgt Ion: 43 Resp: 137230

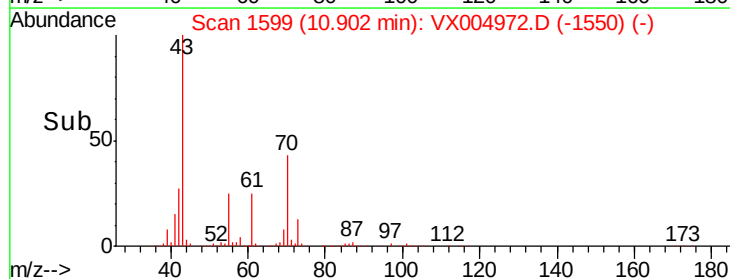
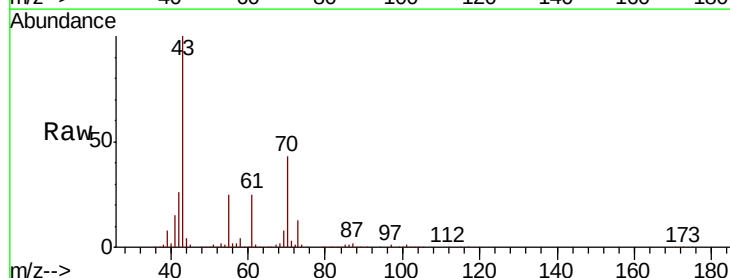
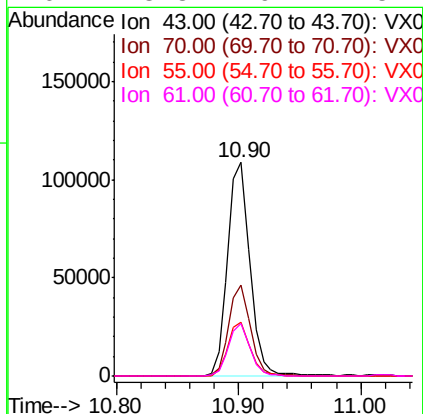
Ion Ratio Lower Upper

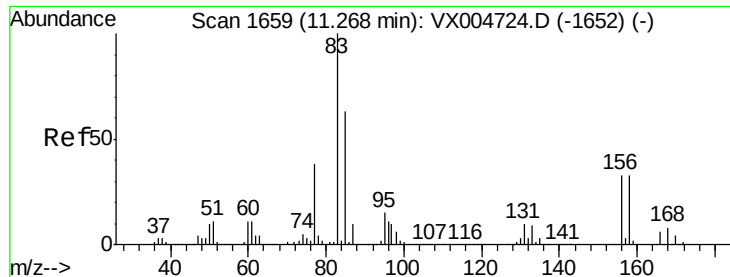
43 100

70 41.7 32.6 48.8

55 25.3 21.6 32.4

61 23.8 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.649 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

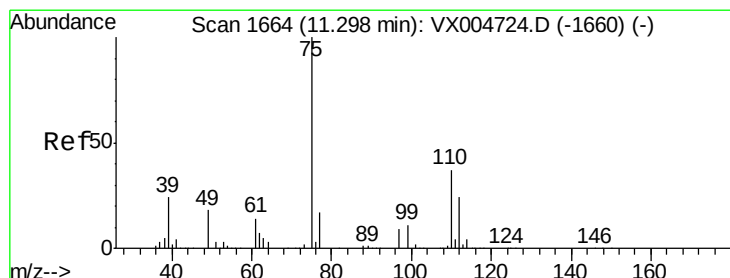
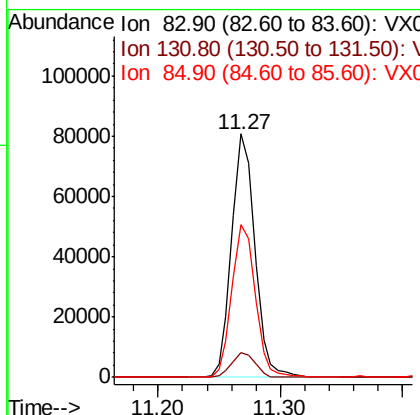
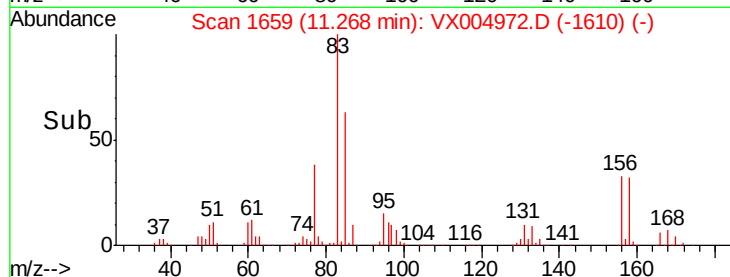
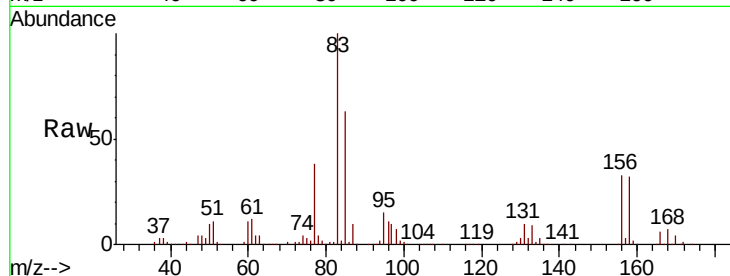
ClientSampleId :

VX1004WBSD01

Tot Ion:	83	Resp:	106113
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	63.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.383 ug/l m

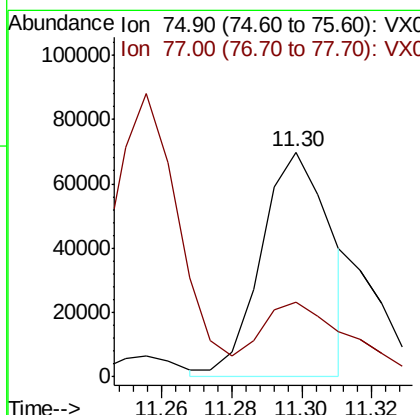
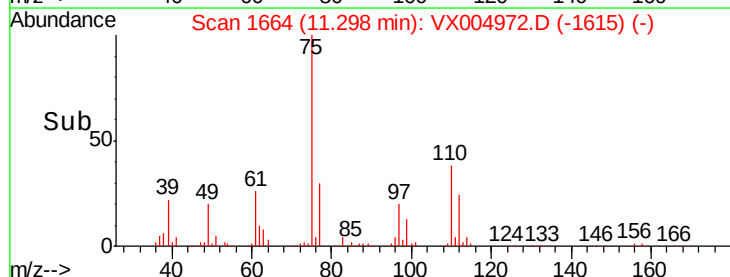
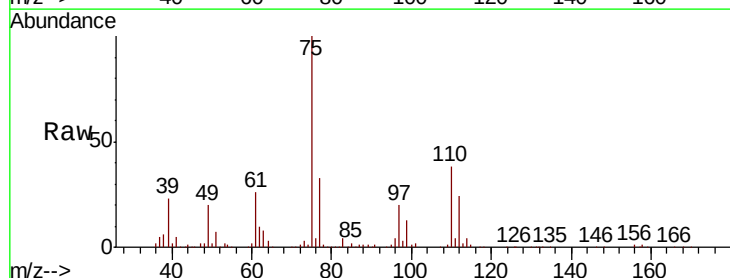
RT: 11.30 min Scan# 1664

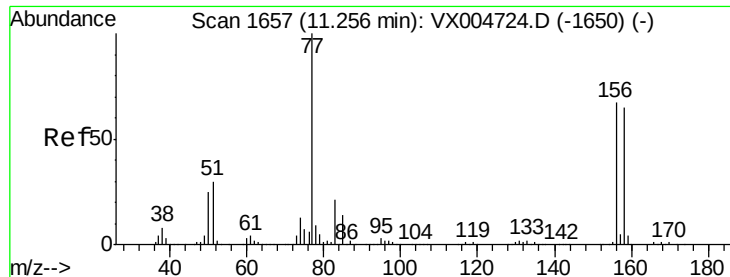
Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Tgt Ion:	75	Resp:	96160
Ion Ratio	Lower	Upper	
75	100		
77	42.4	21.4	64.3





#77

Bromobenzene

Concen: 20.580 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion:156 Resp: 79304

Ion Ratio Lower Upper

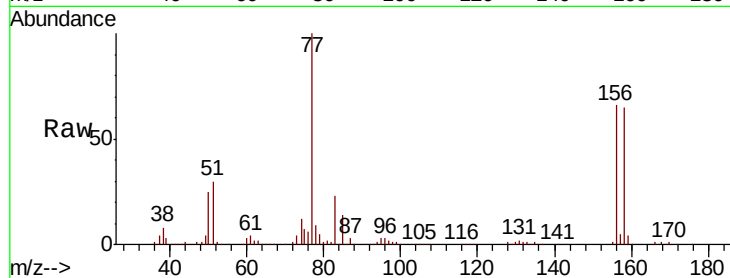
156 100

77 147.1 73.4 220.2

158 96.9 49.1 147.4

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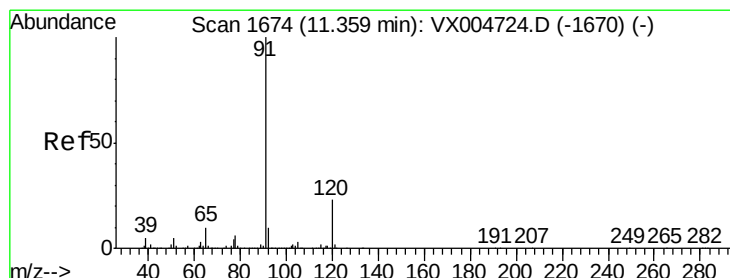
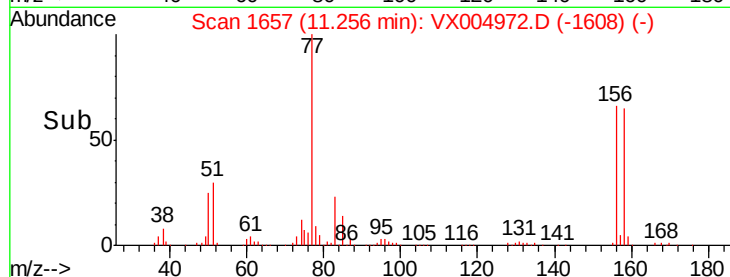
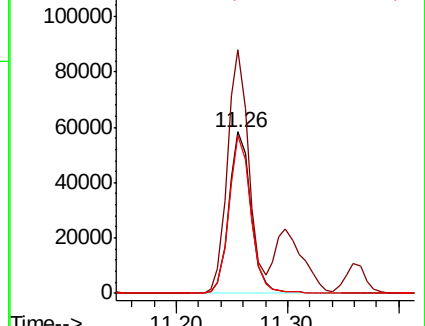
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.760 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004972.D

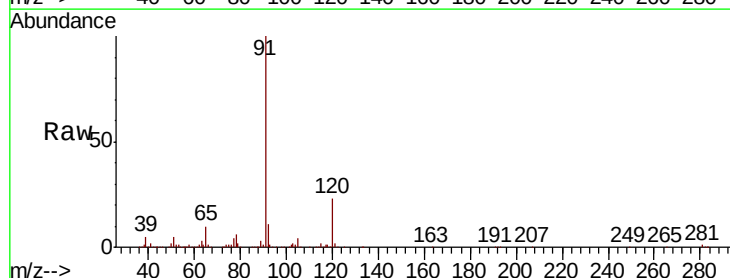
Acq: 03 Oct 2018 16:39

Tgt Ion: 91 Resp: 331229

Ion Ratio Lower Upper

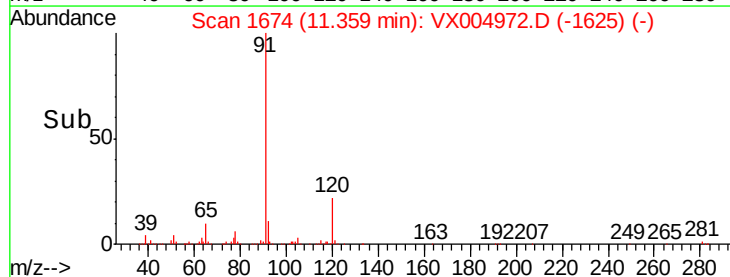
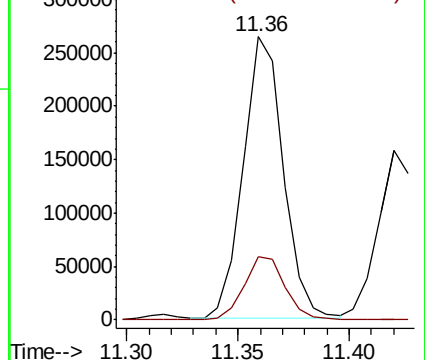
91 100

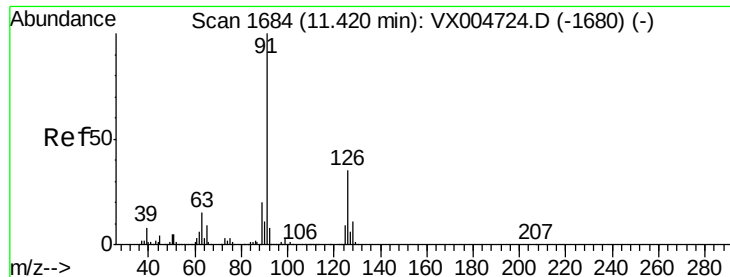
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.300 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion: 91 Resp: 202094

Ion Ratio Lower Upper

91 100

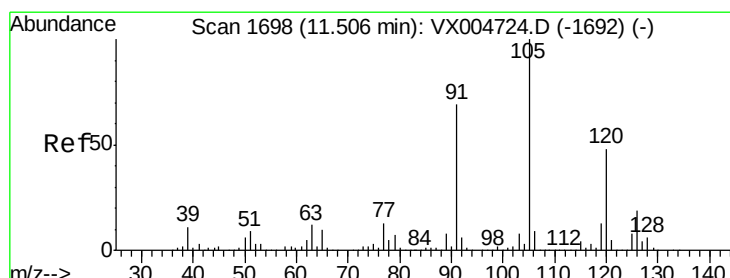
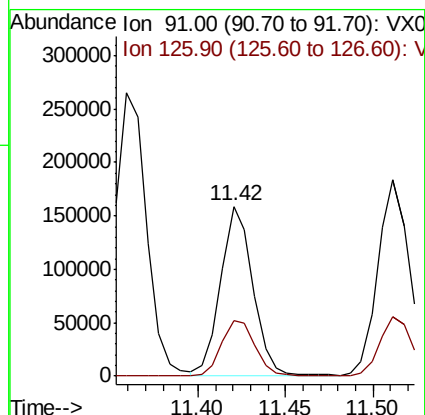
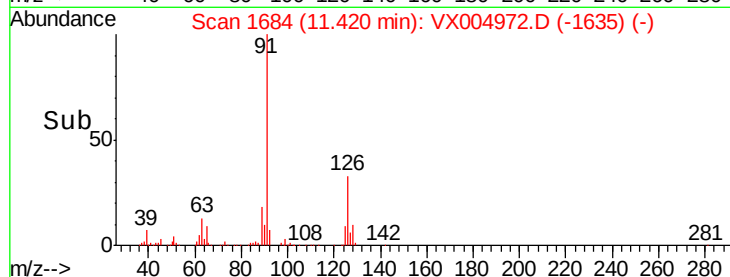
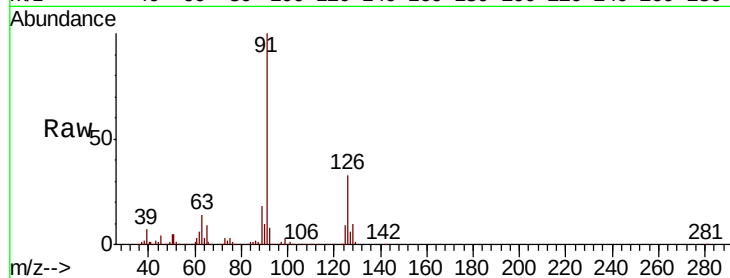
126 34.9 17.6 52.9

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#80

1,3,5-Trimethylbenzene

Concen: 20.141 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004972.D

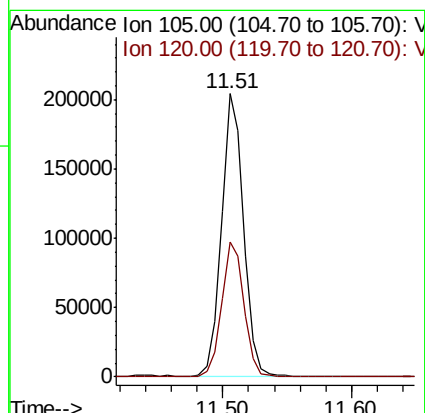
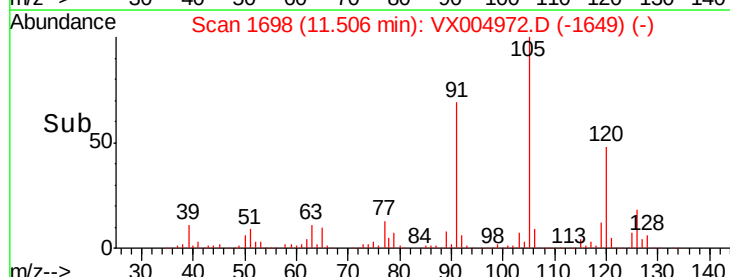
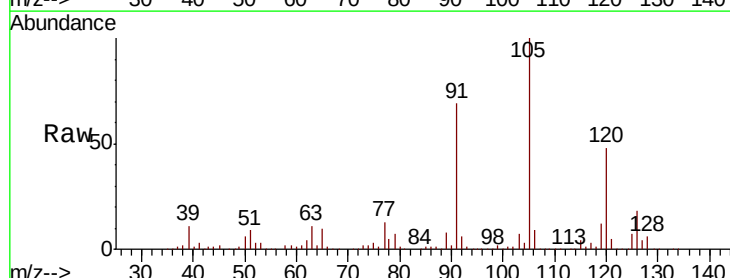
Acq: 03 Oct 2018 16:39

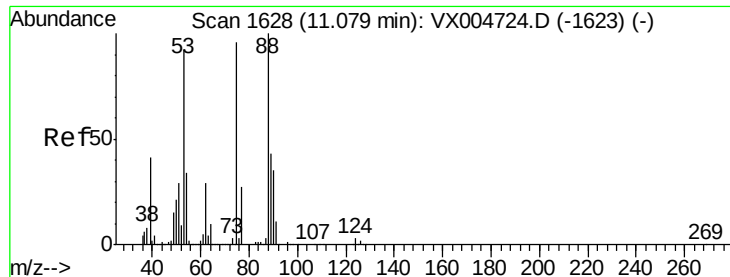
Tgt Ion: 105 Resp: 246335

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.535 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion: 75 Resp: 28006

Ion Ratio Lower Upper

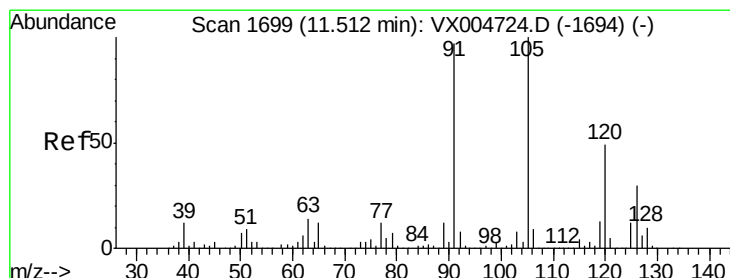
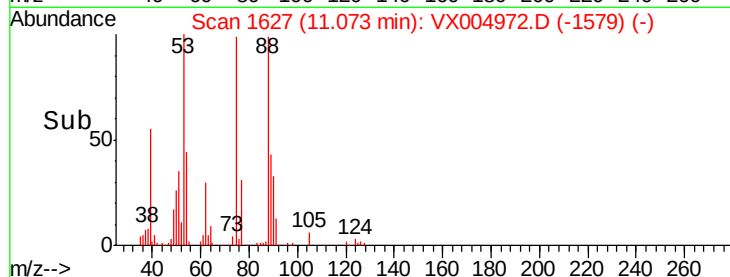
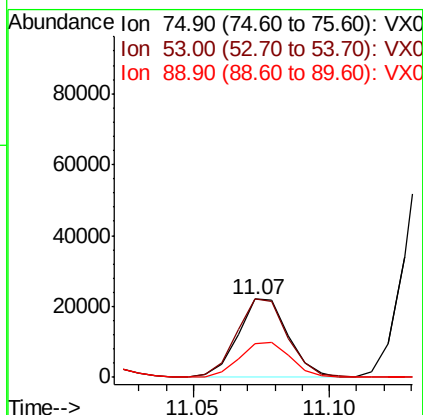
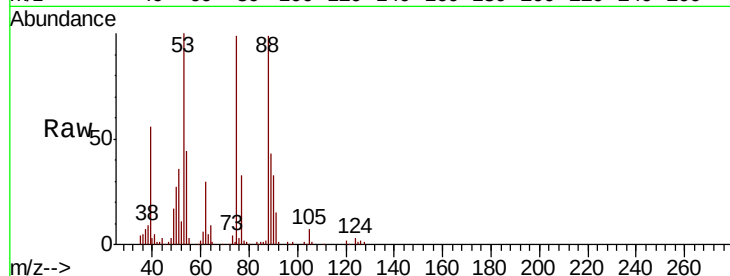
75 100

53 101.9 80.2 120.4

89 46.3 37.1 55.7

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#82

4-Chlorotoluene

Concen: 21.052 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004972.D

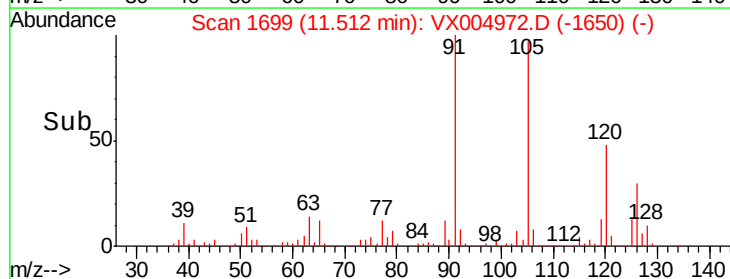
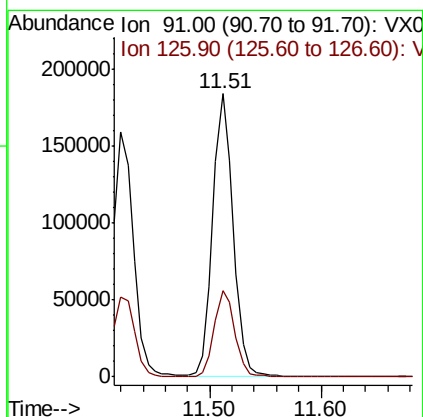
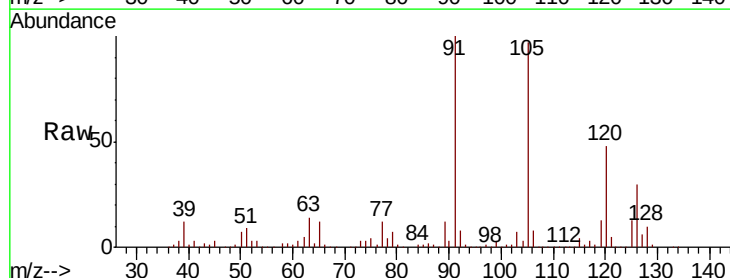
Acq: 03 Oct 2018 16:39

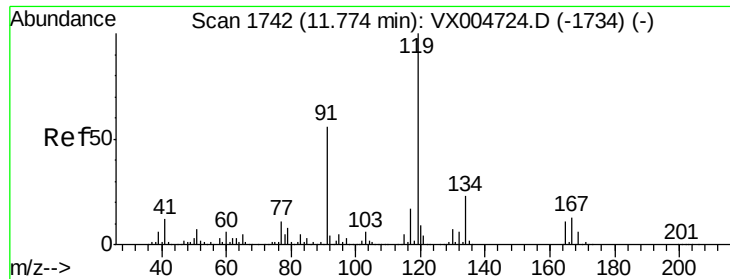
Tgt Ion: 91 Resp: 235111

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5





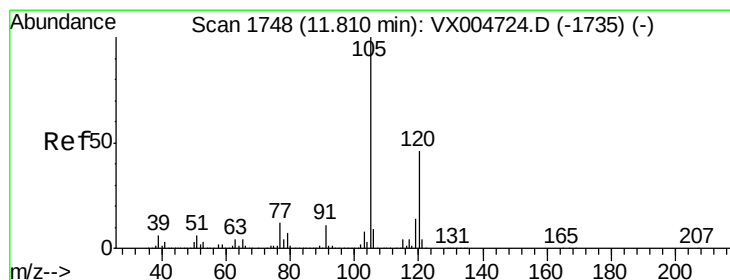
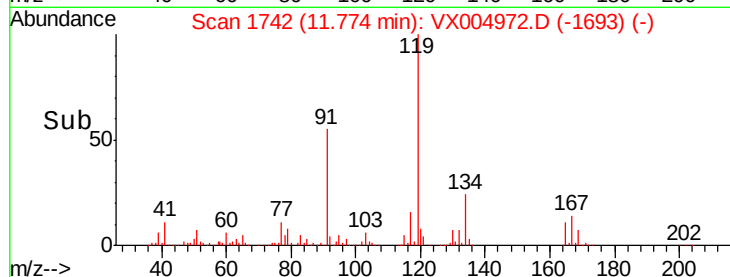
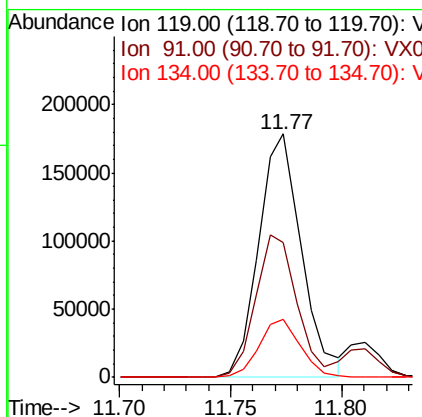
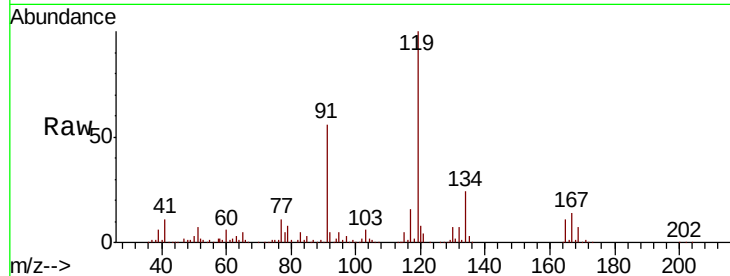
#83
 tert-Butylbenzene
 Concen: 21.878 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	238977		
91	56.0		27.5	82.5
134	23.1		11.5	34.4

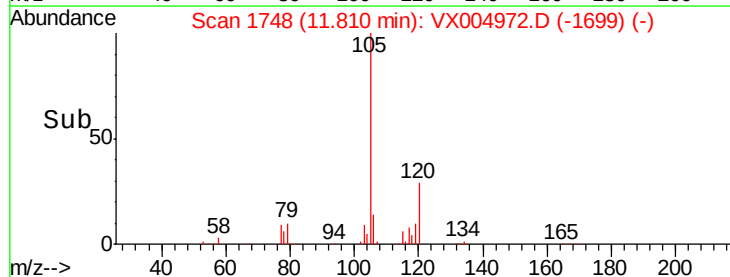
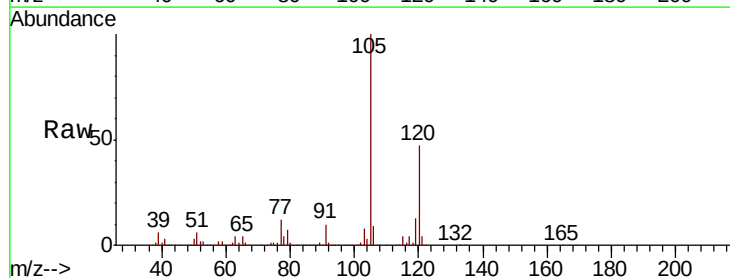
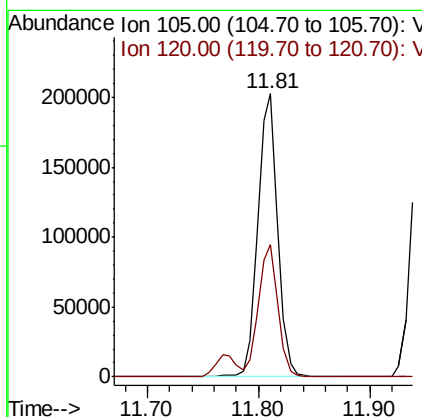
Manual Integrations
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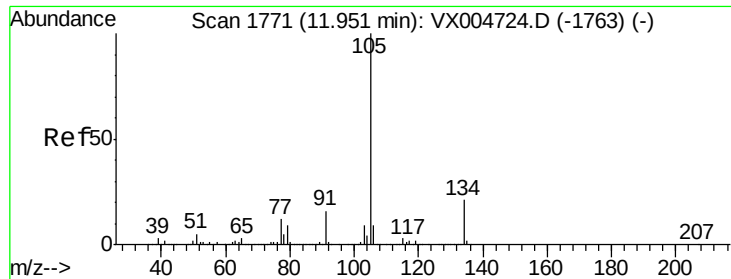
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.945 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	251594		
120	46.1		22.8	68.3





#85

sec-Butylbenzene

Concen: 21.810 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion:105 Resp: 290175

Ion Ratio Lower Upper

105 100

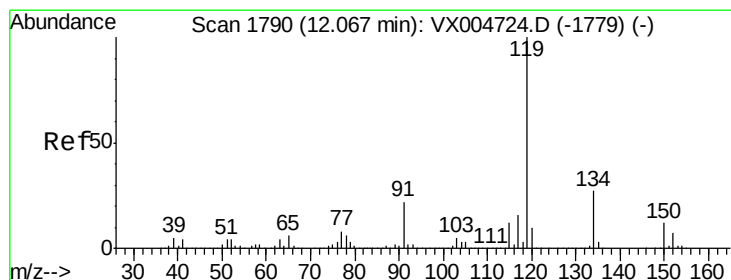
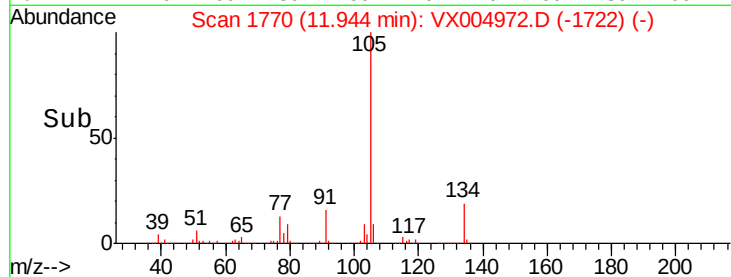
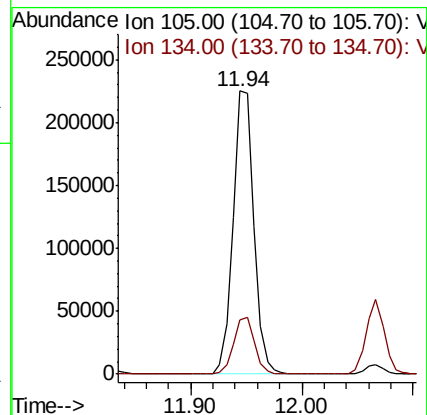
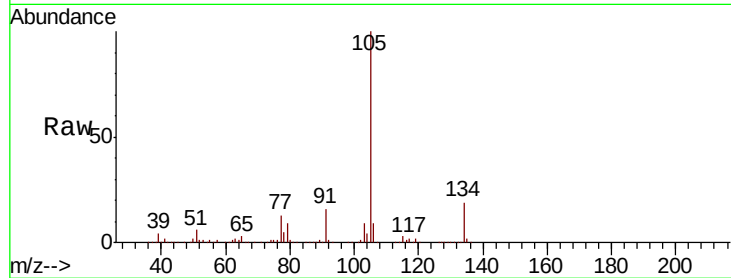
134 20.3 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 21.396 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

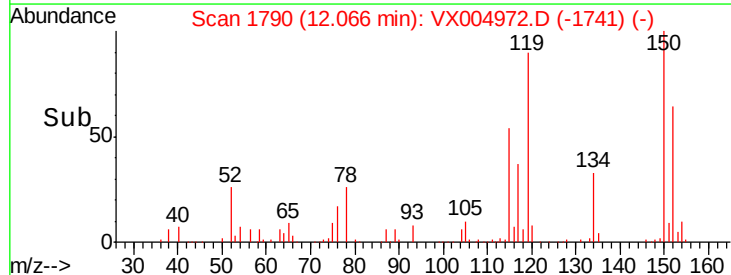
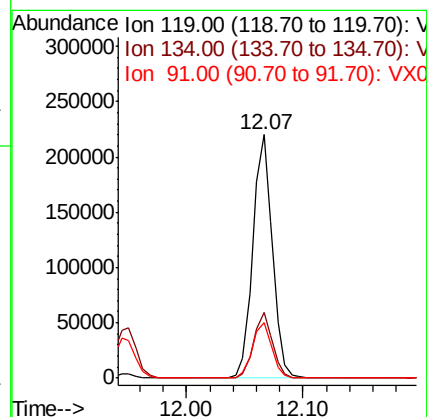
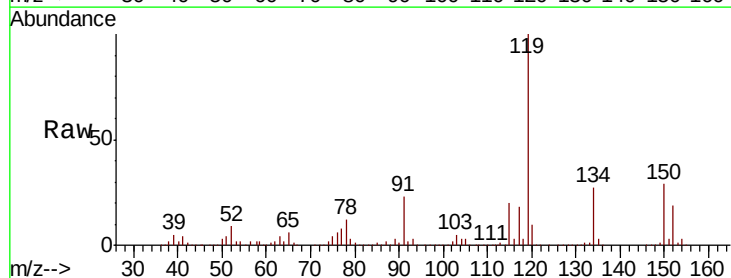
Tgt Ion:119 Resp: 257901

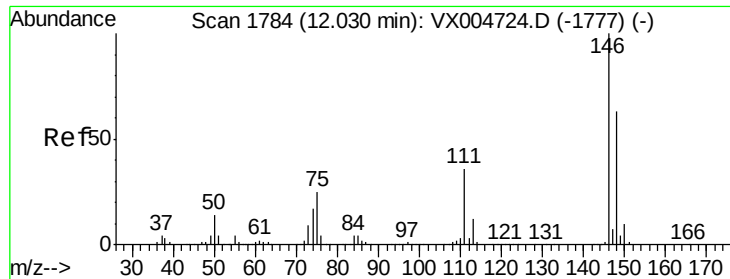
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 23.3 11.5 34.4





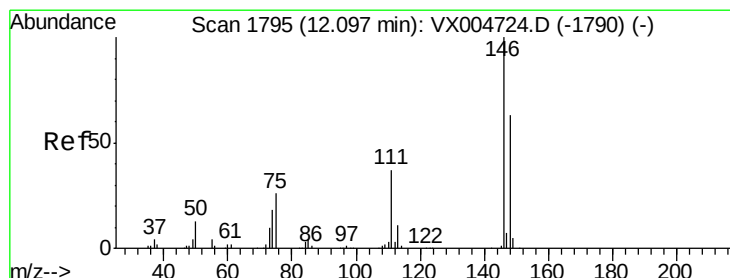
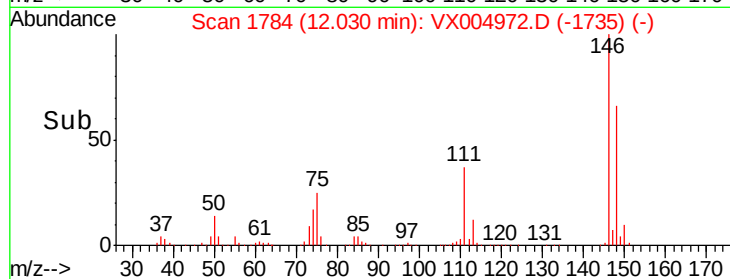
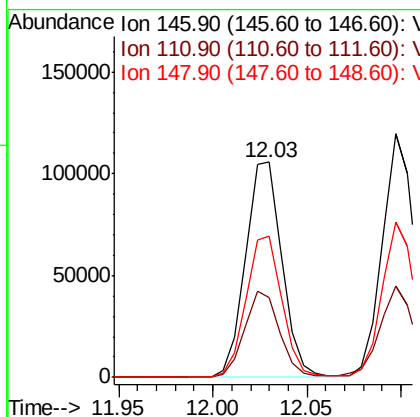
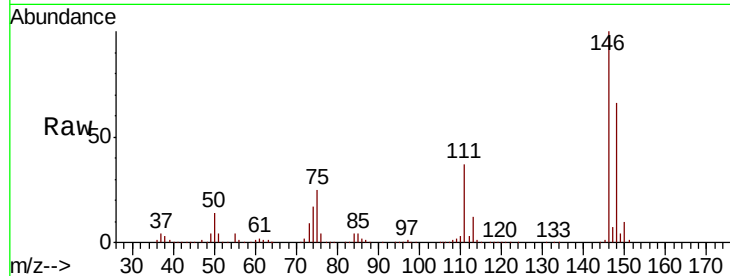
#87
 1,3-Dichlorobenzene
 Concen: 19.790 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	64.7	31.8	95.3

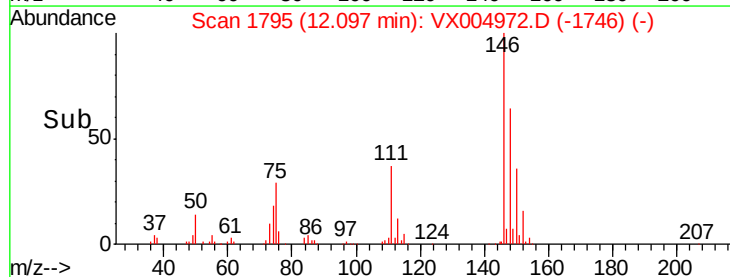
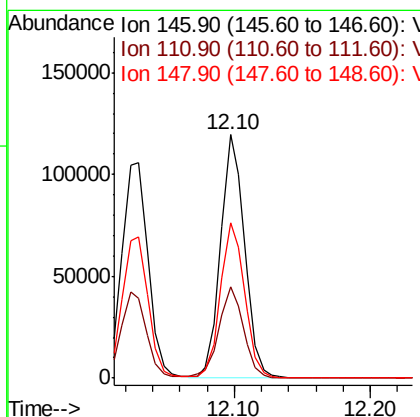
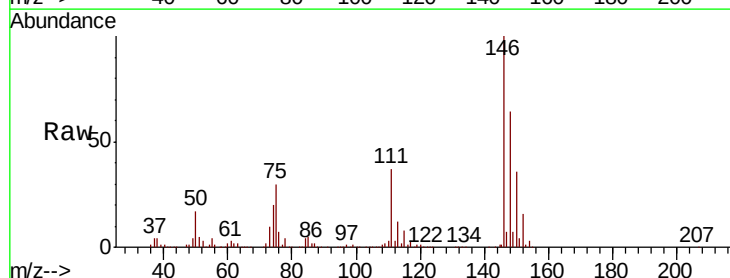
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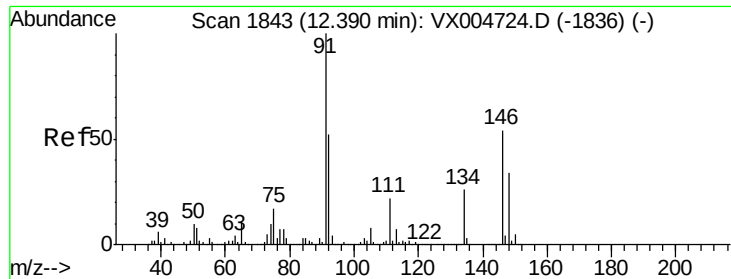
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#88
 1,4-Dichlorobenzene
 Concen: 19.777 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.4	55.2
148	64.6	32.0	96.0





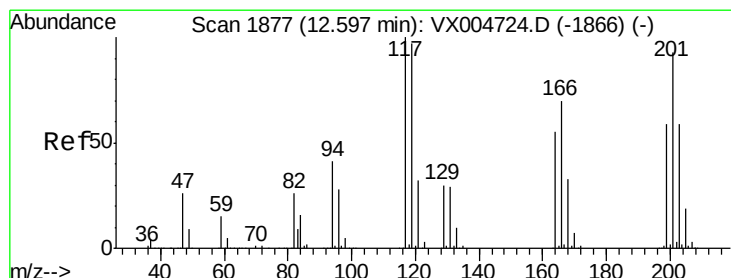
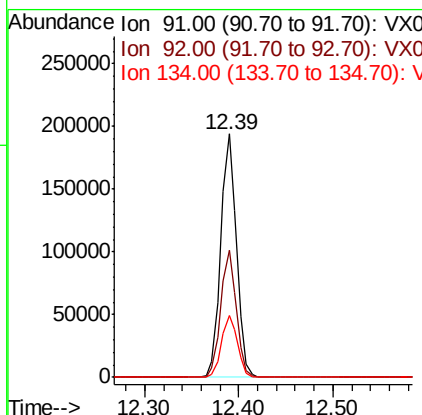
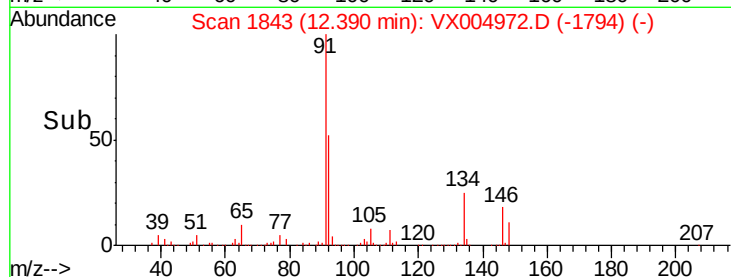
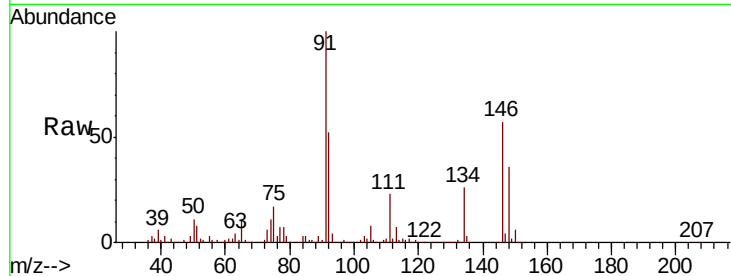
#89
n-Butylbenzene
Concen: 20.520 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	25.9	13.2	39.6

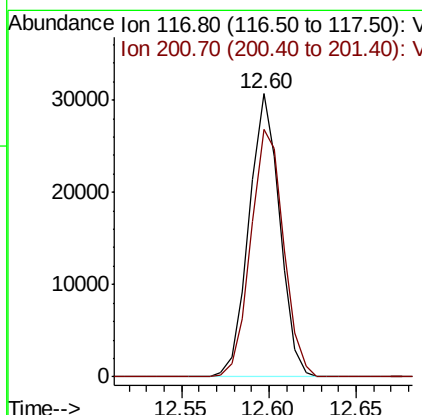
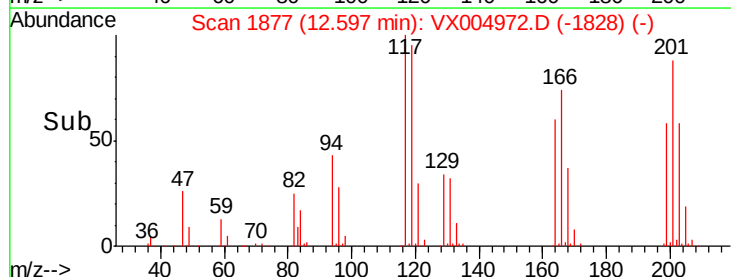
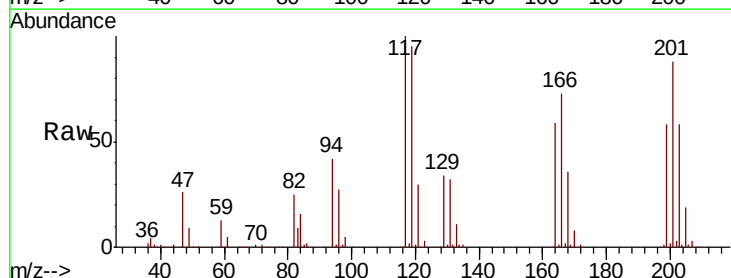
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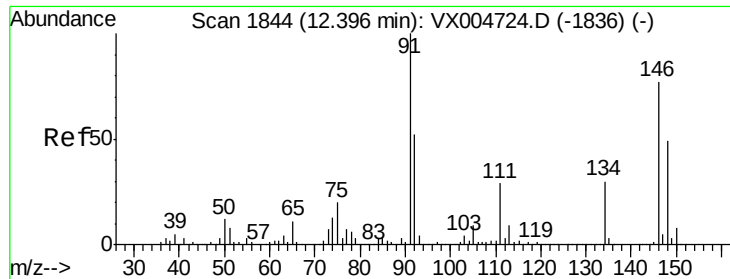
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#90
Hexachloroethane
Concen: 18.780 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.1	48.4	145.0





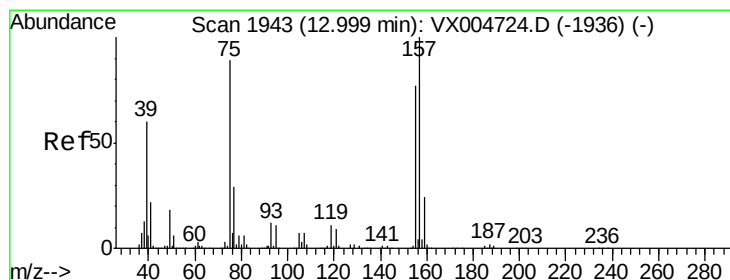
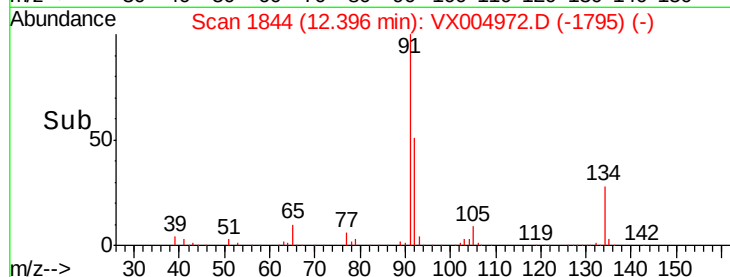
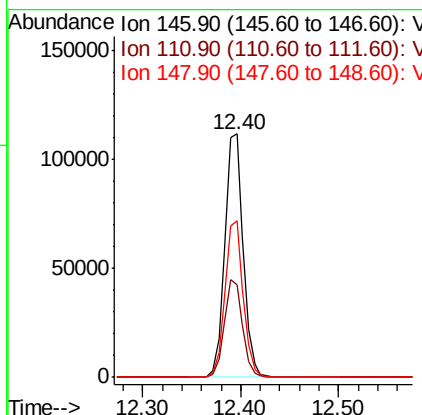
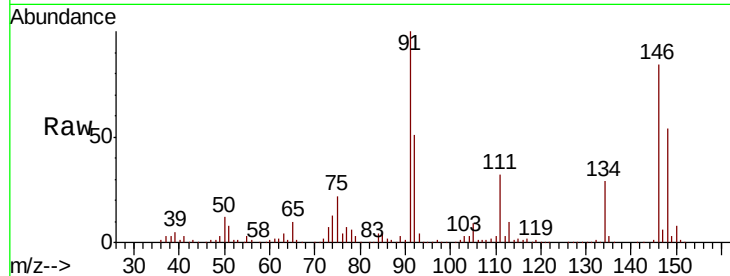
#91
 1,2-Dichlorobenzene
 Concen: 19.257 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	63.9	31.8	95.4

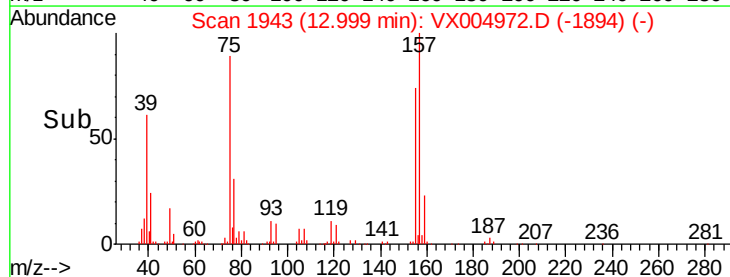
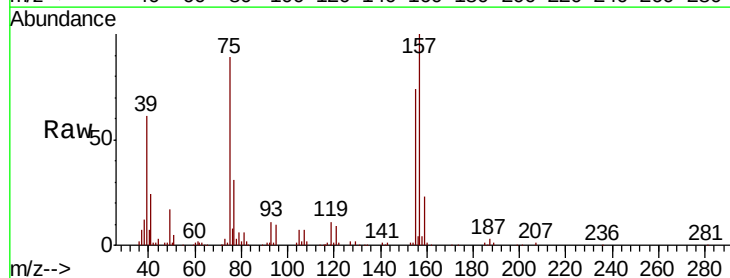
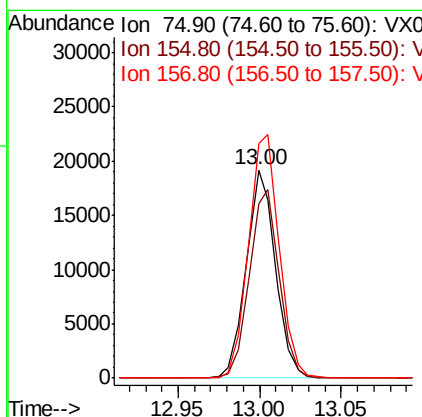
Manual Integrations
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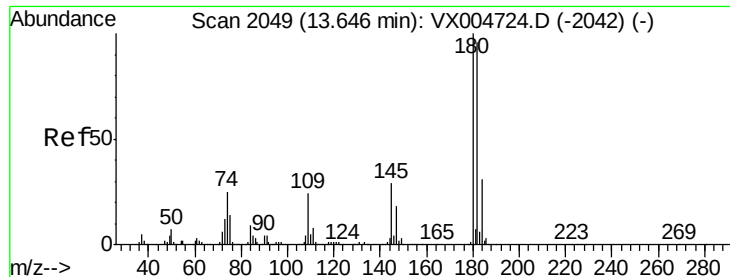
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 10/5/2018 3:24:44 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.249 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.7	46.1	138.3
157	122.3	60.2	180.6





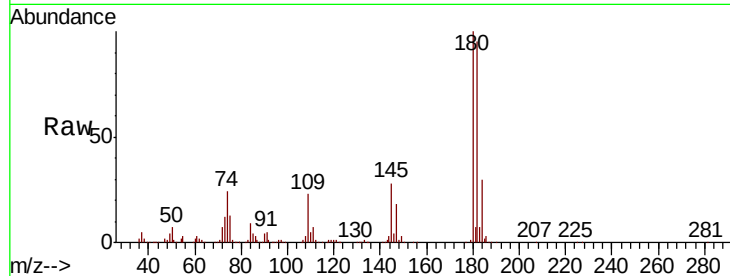
#93
 1,2,4-Trichlorobenzene
 Concen: 20.246 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.3	47.8	143.4	
145	28.0	14.1	42.4	

Manual Integrations
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 10/5/2018 3:24:44 PM

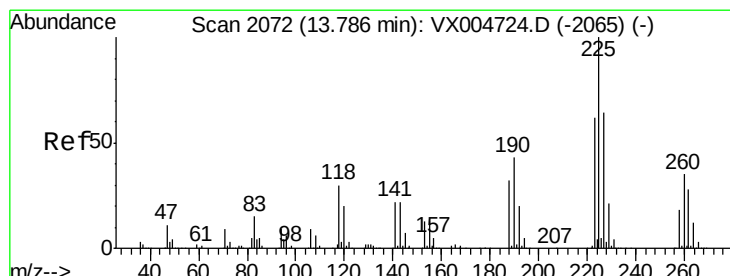
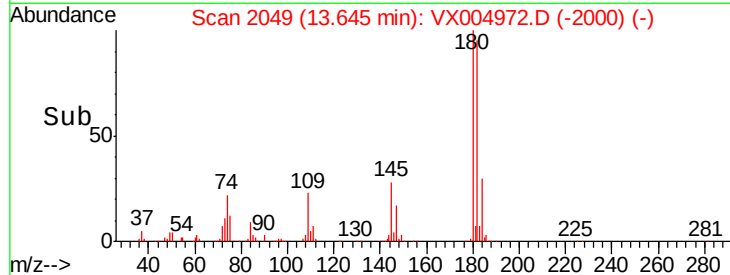
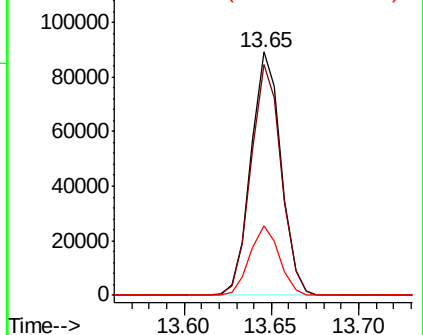


Abundance

Ion 179.80 (179.50 to 180.50): V

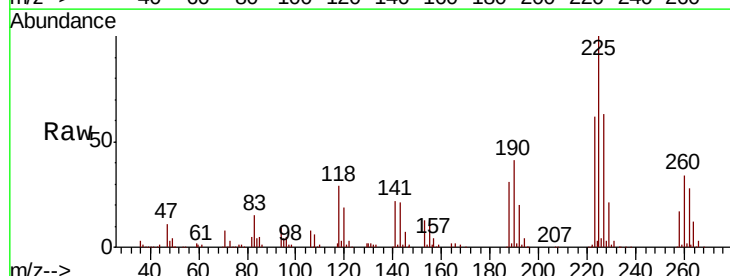
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.769 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	31.3	93.8	
227	63.5	31.9	95.5	

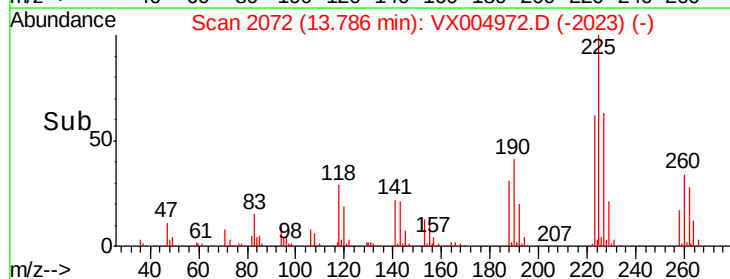
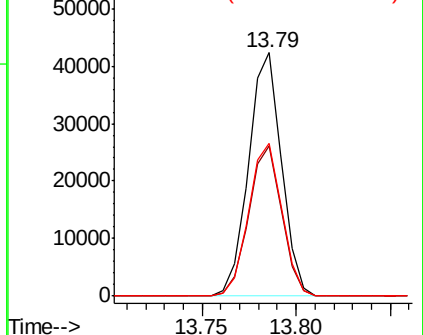


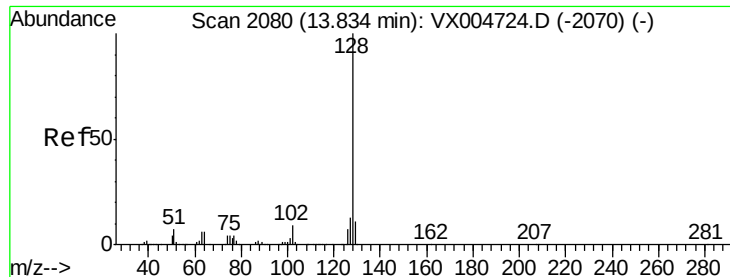
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





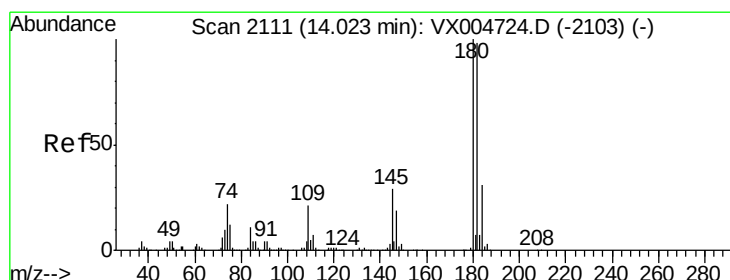
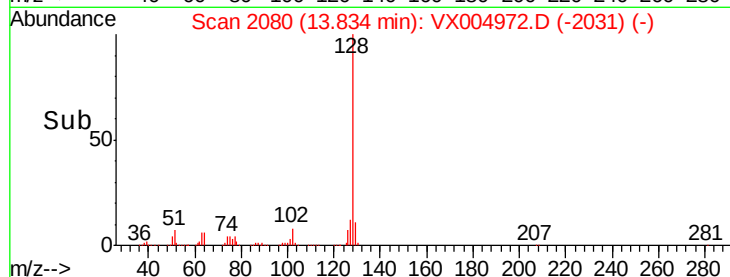
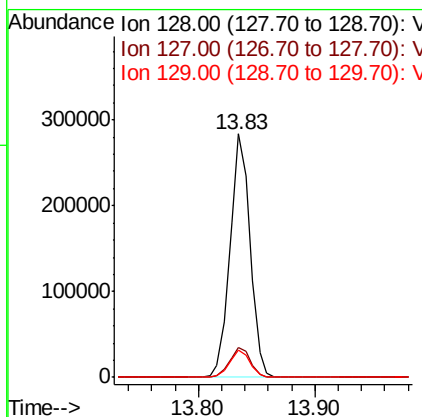
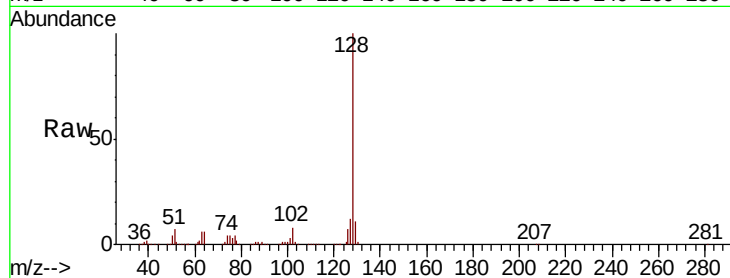
#95
Naphthalene
Concen: 19.898 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/5/2018 3:24:44 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.349 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.8
145	29.9	15.0	45.0

