

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005857.D
 Acq On : 09 Nov 2018 13:19
 Operator : JC/MD
 Sample : VX1109WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:11:45 AM

Quant Time: Nov 12 00:20:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	109569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	153296	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	136366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	73998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	63761	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	5.50	113	52049	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	8.71	98	179540	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	11.14	95	66103	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21214	21.474	ug/l	96
3) Chloromethane	1.32	50	27559	21.257	ug/l	97
4) Vinyl Chloride	1.40	62	25840	19.853	ug/l	99
5) Bromomethane	1.64	94	15642	19.639	ug/l	86
6) Chloroethane	1.73	64	17531	22.574	ug/l	98
7) Trichlorofluoromethane	1.93	101	37154	21.506	ug/l	95
8) Diethyl Ether	2.18	74	14799	21.861	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20755	20.888	ug/l	98
10) Methyl Iodide	2.51	142	22589	18.758	ug/l	98
11) Tert butyl alcohol	3.06	59	37333	103.461	ug/l	98
12) 1,1-Dichloroethene	2.37	96	19032	19.652	ug/l	91
13) Acrolein	2.29	56	14532	97.151	ug/l	99
14) Allyl chloride	2.73	41	43831	20.264	ug/l	99
15) Acrylonitrile	3.15	53	76262	101.981	ug/l	98
16) Acetone	2.45	43	73404	108.230	ug/l	94
17) Carbon Disulfide	2.57	76	57497	19.904	ug/l	96
18) Methyl Acetate	2.78	43	40540	21.458	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	71855	21.738	ug/l	93
20) Methylene Chloride	2.85	84	21876	19.636	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	20230	19.804	ug/l	94
22) Diisopropyl ether	3.87	45	80006	21.115	ug/l	96
23) Vinyl Acetate	3.82	43	342682	105.479	ug/l	99
24) 1,1-Dichloroethane	3.70	63	42224	20.887	ug/l	98
25) 2-Butanone	4.70	43	108337	101.604	ug/l	100
26) 2,2-Dichloropropane	4.57	77	32695	22.048	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	22670	20.099	ug/l	97
28) Bromochloromethane	5.01	49	19286	21.347	ug/l	91
29) Tetrahydrofuran	5.15	42	70340	102.742	ug/l	99
30) Chloroform	5.22	83	39460	20.232	ug/l	91
31) Cyclohexane	5.57	56	35086	19.994	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	33703	20.718	ug/l	99
36) 1,1-Dichloropropene	5.79	75	27862	18.854	ug/l	99
37) Ethyl Acetate	4.85	43	39076	20.108	ug/l	99
38) Carbon Tetrachloride	5.78	117	28867	19.512	ug/l	86

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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	30667	20.475	ug/l	97
40) Benzene	6.14	78	87389	20.285	ug/l	99
41) Methacrylonitrile	5.05	41	22014	20.964	ug/l	99
42) 1,2-Dichloroethane	6.20	62	33323	21.595	ug/l	100
43) Isopropyl Acetate	6.46	43	55917	19.857	ug/l	98
44) Trichloroethene	7.21	130	22153	20.248	ug/l	100
45) 1,2-Dichloropropane	7.51	63	22589	21.602	ug/l #	89
46) Dibromomethane	7.66	93	14029	21.380	ug/l	99
47) Bromodichloromethane	7.90	83	26928	21.715	ug/l	98
48) Methyl methacrylate	7.77	41	27117	21.446	ug/l	99
49) 1,4-Dioxane	7.75	88	11874	435.804	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	184758	104.106	ug/l	100
52) Toluene	8.79	92	50075	20.797	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	30046	20.532	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	32381	21.709	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	20580	19.178	ug/l	98
56) Ethyl methacrylate	9.18	69	30927	19.262	ug/l	99
57) 1,3-Dichloropropane	9.37	76	34981	19.398	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	92043	109.998	ug/l	98
59) 2-Hexanone	9.49	43	145073	92.738	ug/l	100
60) Dibromochloromethane	9.59	129	21253	18.326	ug/l	100
61) 1,2-Dibromoethane	9.67	107	21656	18.251	ug/l	99
64) Tetrachloroethene	9.34	164	21778	18.758	ug/l	99
65) Chlorobenzene	10.14	112	56109	20.539	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	20636	21.728	ug/l	99
67) Ethyl Benzene	10.25	91	94095	21.480	ug/l	99
68) m/p-Xylenes	10.36	106	73915	44.236	ug/l	99
69) o-Xylene	10.70	106	34592	23.087	ug/l	98
70) Styrene	10.71	104	58008	23.469	ug/l	99
71) Bromoform	10.86	173	17703	22.235	ug/l #	98
73) Isopropylbenzene	11.02	105	95411	22.296	ug/l	99
74) N-amyl acetate	10.90	43	46531	20.145	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	33381	21.253	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	33108m	21.973	ug/l	
77) Bromobenzene	11.26	156	25334	21.004	ug/l	98
78) n-propylbenzene	11.36	91	110656	21.942	ug/l	99
79) 2-Chlorotoluene	11.42	91	66452	21.800	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	81649	22.453	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9846	20.827	ug/l	96
82) 4-Chlorotoluene	11.51	91	79208	22.048	ug/l	99
83) tert-Butylbenzene	11.77	119	79866	21.709	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	83772	20.804	ug/l	100
85) sec-Butylbenzene	11.94	105	96711	21.497	ug/l	100
86) p-Isopropyltoluene	12.07	119	87142	21.868	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	46790	20.214	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	48061	20.282	ug/l	99
89) n-Butylbenzene	12.39	91	74396	20.144	ug/l	99
90) Hexachloroethane	12.60	117	14363	21.589	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	46853	20.205	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8005	20.885	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	33926	20.783	ug/l	100
94) Hexachlorobutadiene	13.78	225	17182	20.037	ug/l	99
95) Naphthalene	13.83	128	102752	20.024	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	34881	20.974	ug/l	99

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

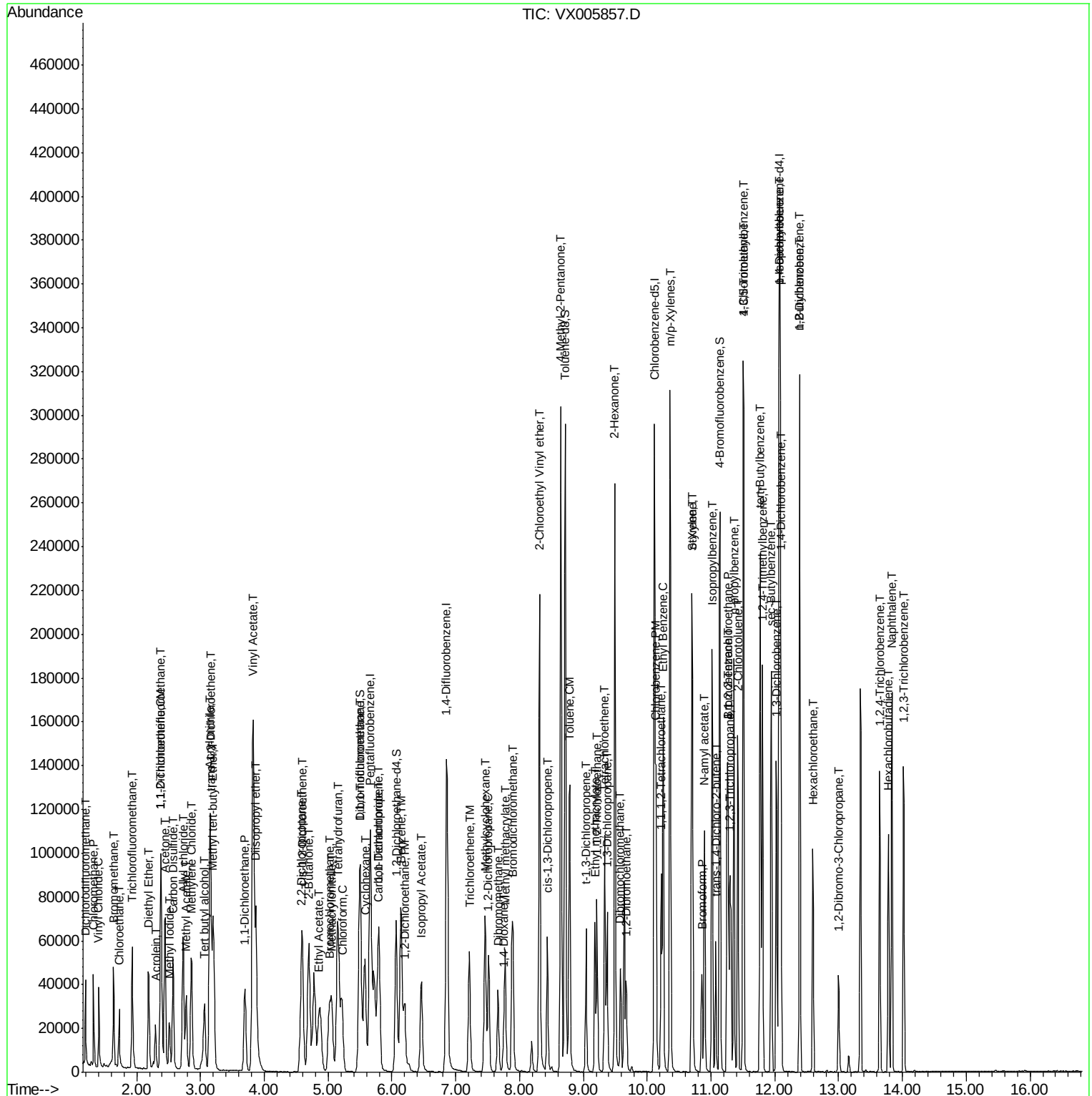
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\
Data File : VX005857.D
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Operator : JC/MD
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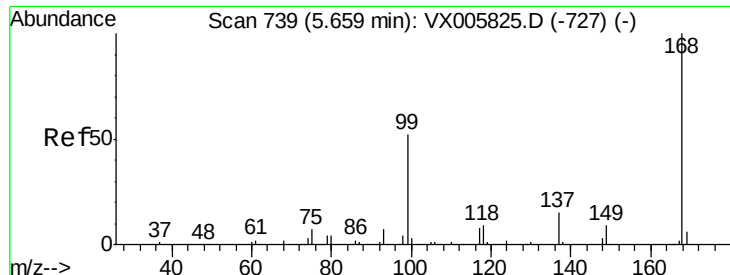
Instrument :
MSVOA_X
Client Sample Id :
VX1109WBSD01

Manual Integrations
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion:168 Resp: 109569

Ion Ratio Lower Upper

168 100

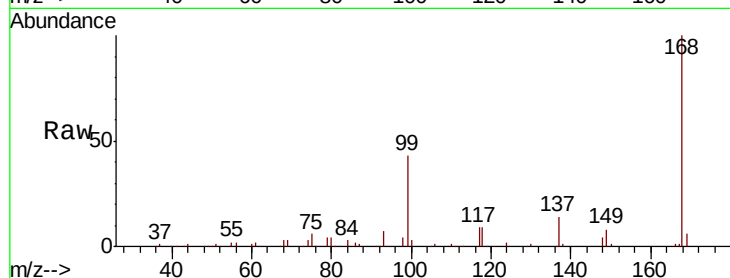
99 43.3 40.7 61.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

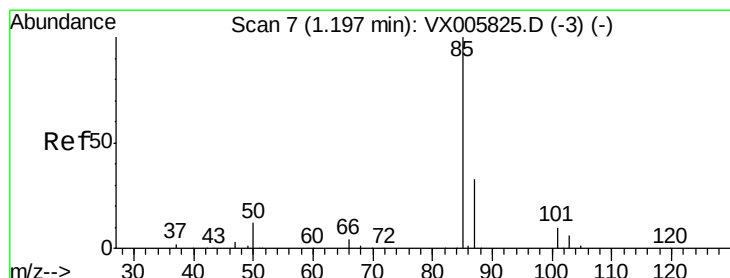
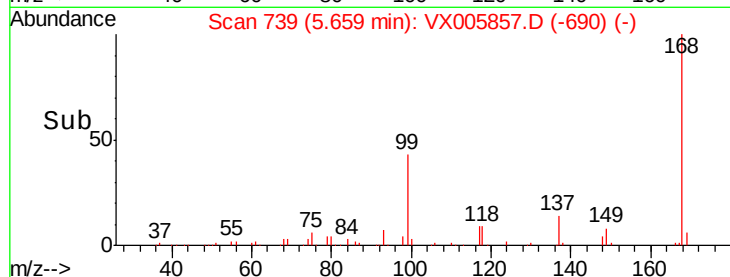
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.474 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005857.D

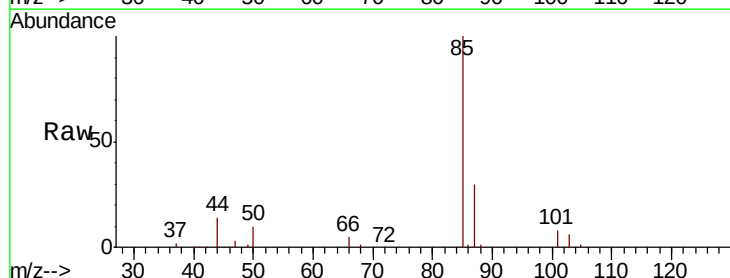
Acq: 09 Nov 2018 13:19

Tgt Ion: 85 Resp: 21214

Ion Ratio Lower Upper

85 100

87 30.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

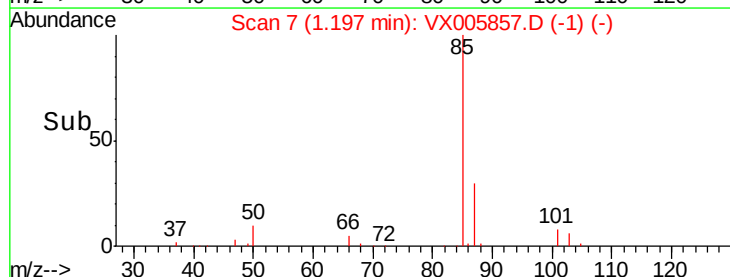
15000

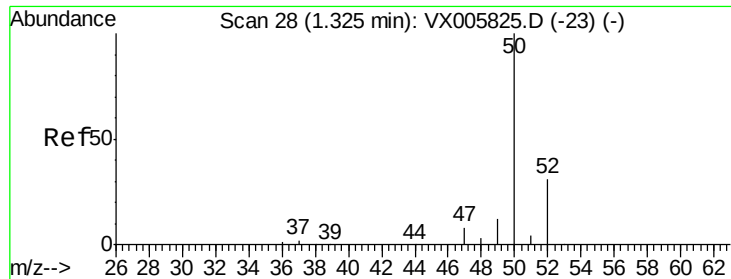
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 21.257 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 50 Resp: 27559

Ion Ratio Lower Upper

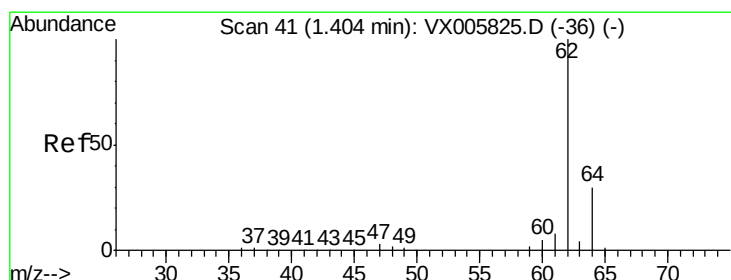
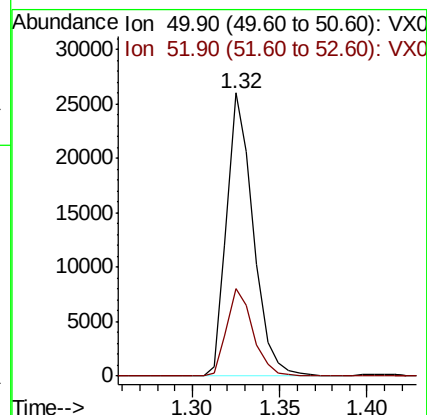
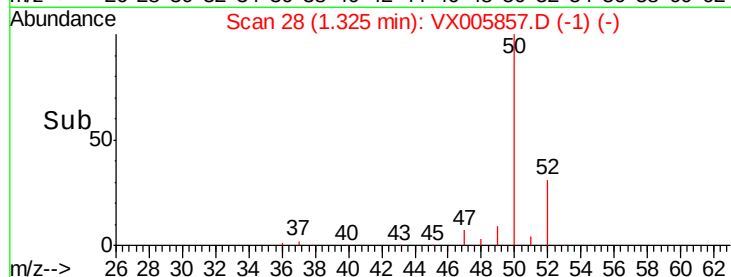
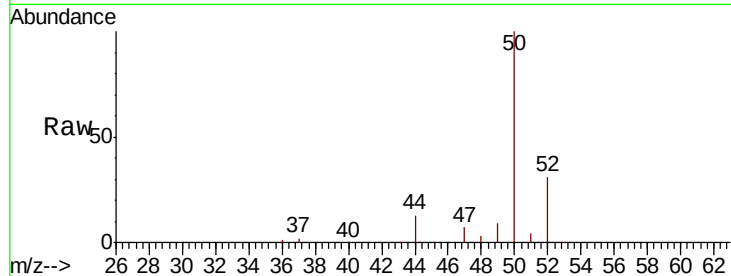
50 100

52 31.1 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.853 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005857.D

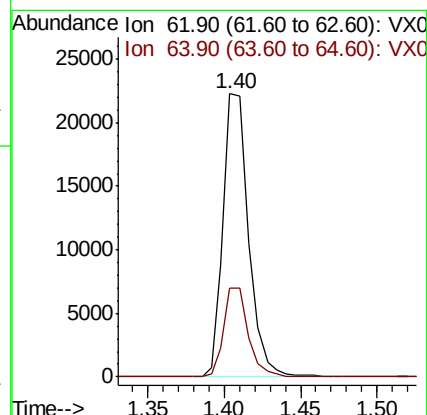
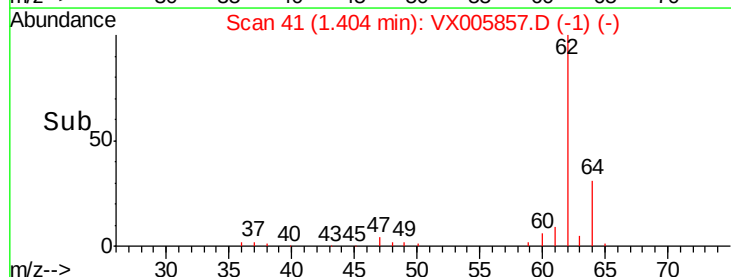
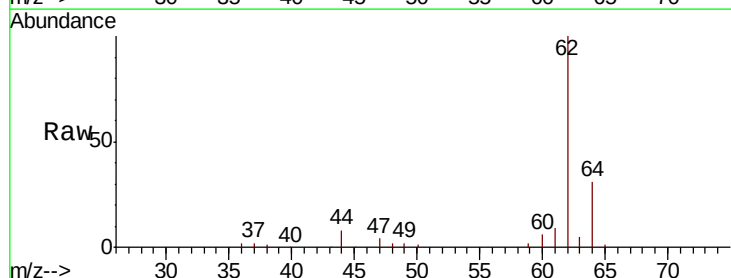
Acq: 09 Nov 2018 13:19

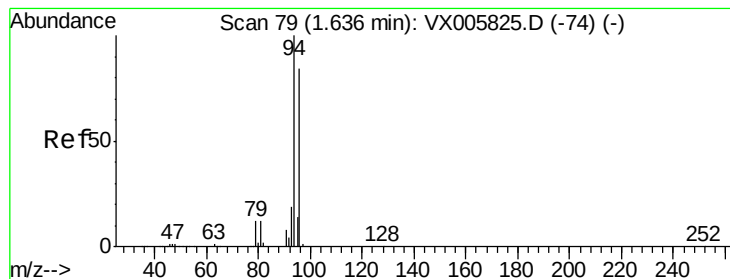
Tgt Ion: 62 Resp: 25840

Ion Ratio Lower Upper

62 100

64 31.2 25.3 37.9





#5

Bromomethane

Concen: 19.639 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 94 Resp: 15642

Ion Ratio Lower Upper

94 100

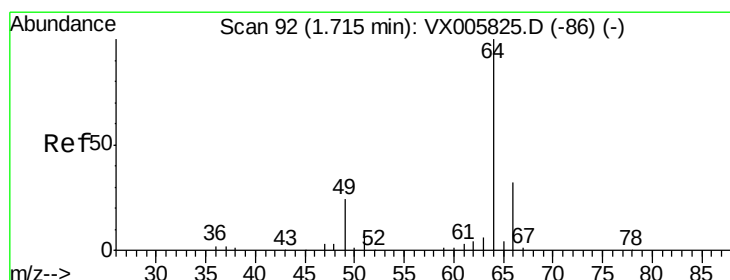
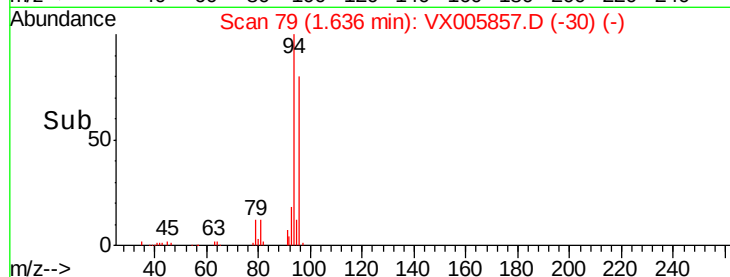
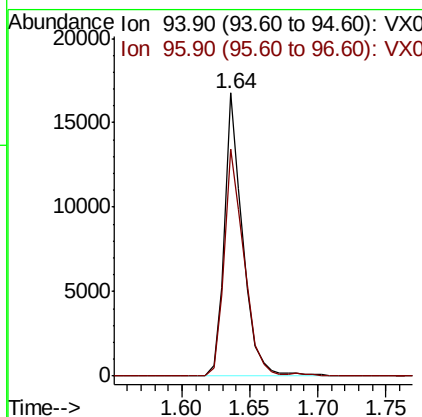
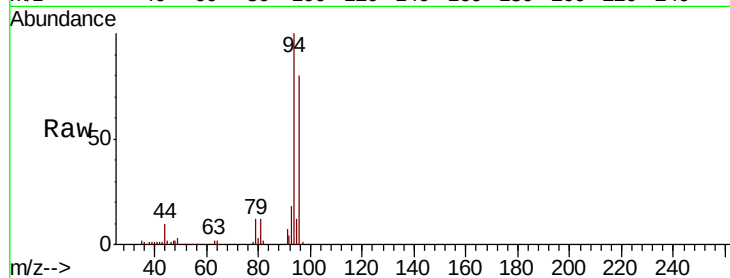
96 80.2 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 22.574 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX005857.D

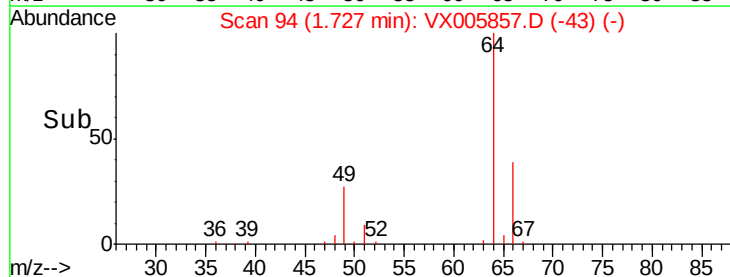
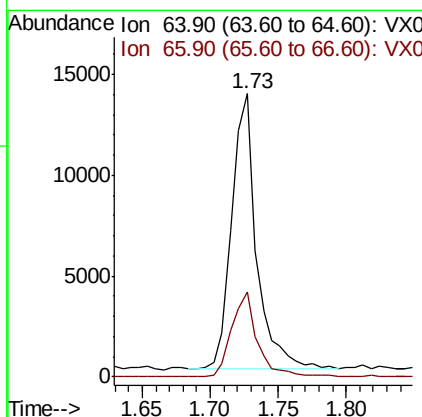
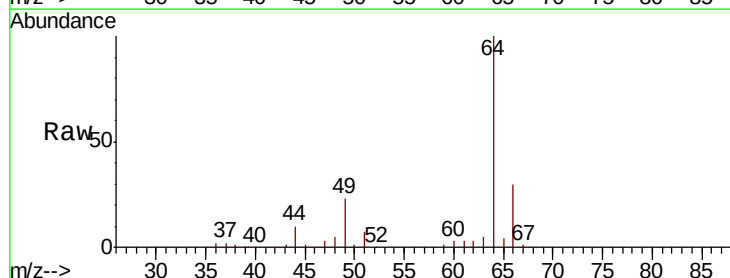
Acq: 09 Nov 2018 13:19

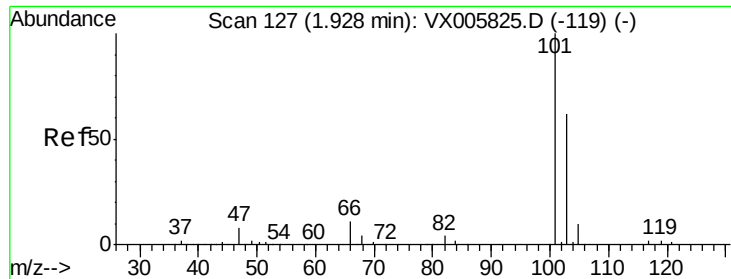
Tgt Ion: 64 Resp: 17531

Ion Ratio Lower Upper

64 100

66 31.1 25.8 38.6





#7

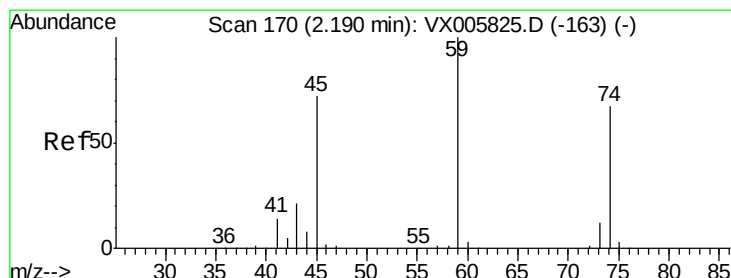
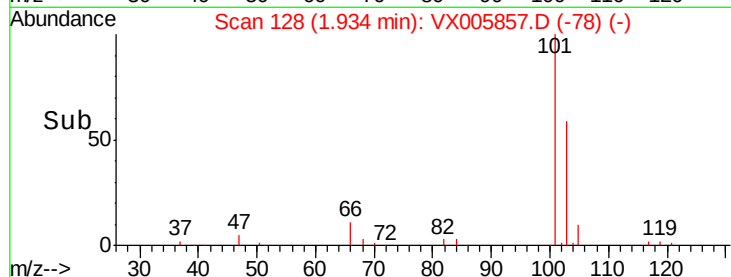
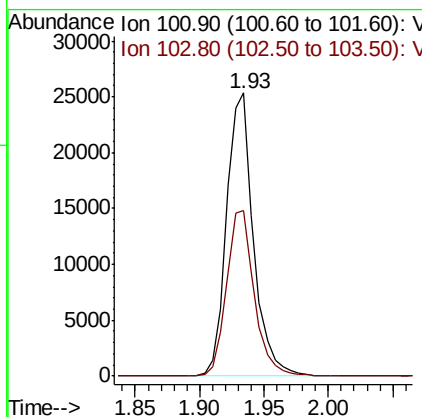
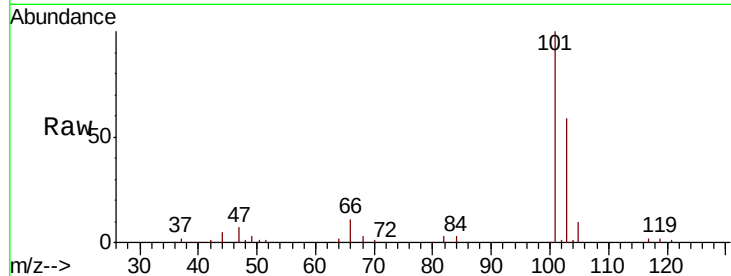
Trichlorofluoromethane
Concen: 21.506 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion:101 Resp: 37154
Ion Ratio Lower Upper
101 100
103 58.7 50.0 75.0

Manual Integrations
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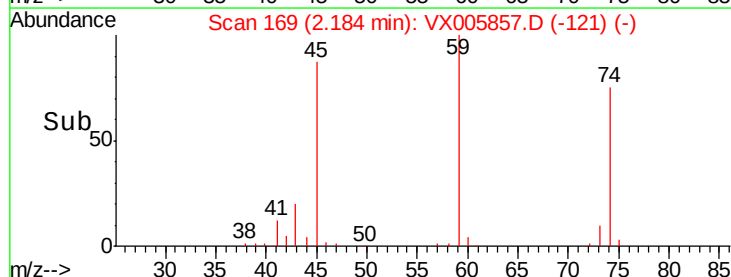
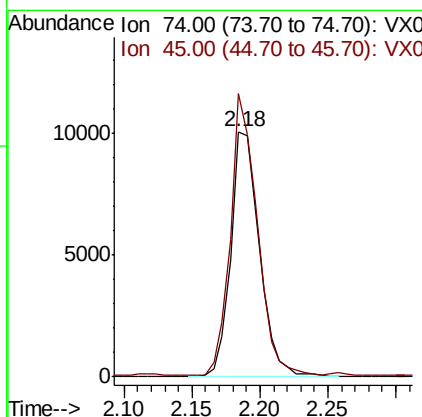
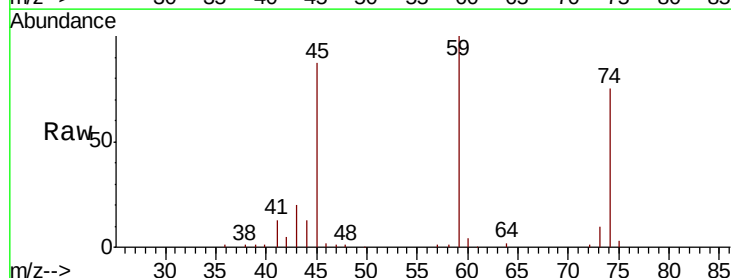
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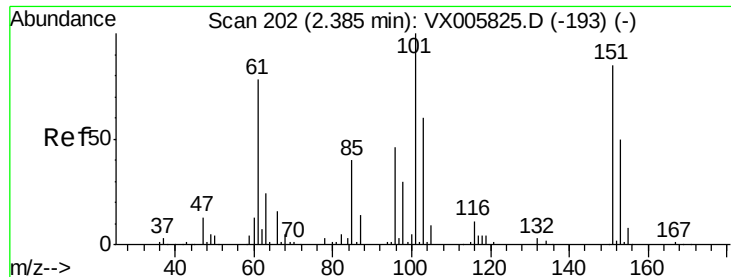


#8

Diethyl Ether
Concen: 21.861 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion: 74 Resp: 14799
Ion Ratio Lower Upper
74 100
45 107.2 54.1 162.3





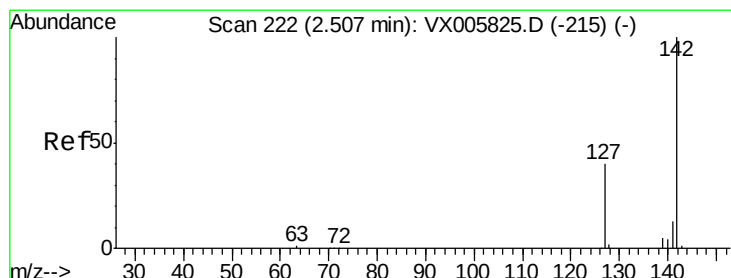
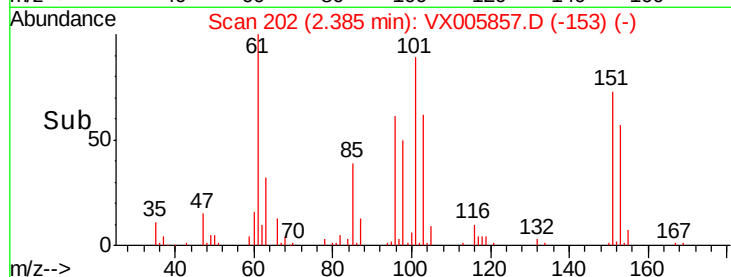
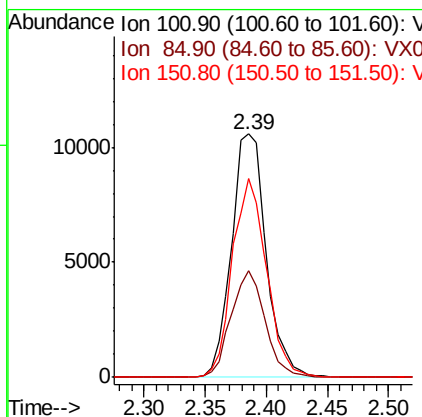
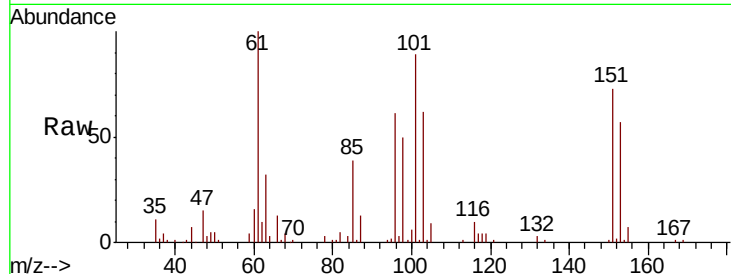
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.888 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	20755		
85	42.7		35.0	52.4
151	80.6		66.2	99.2

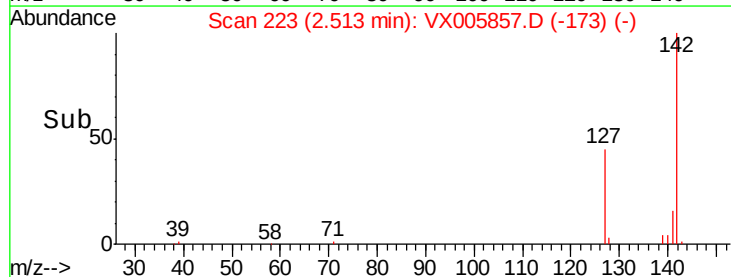
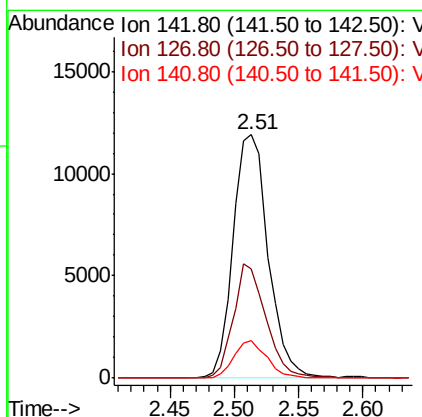
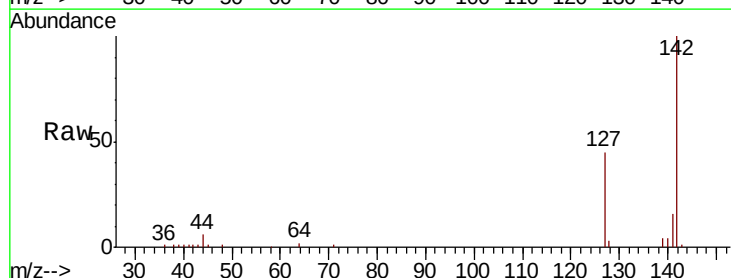
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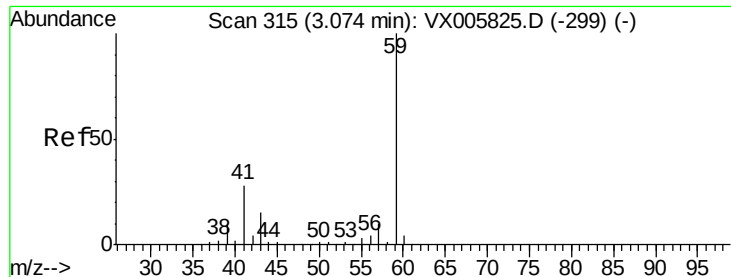
MMDadoda
 11/12/2018 9:11:45 AM



#10
 Methyl Iodide
 Concen: 18.758 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	22589		
127	43.4		36.0	54.0
141	14.3		11.7	17.5





#11

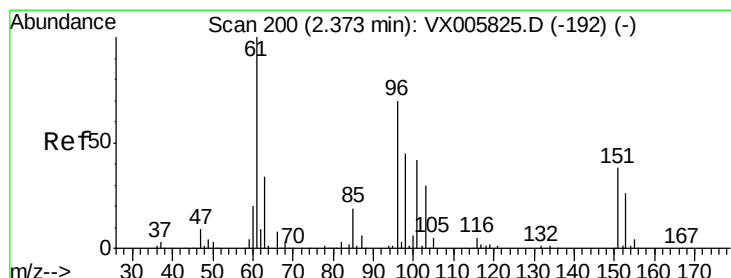
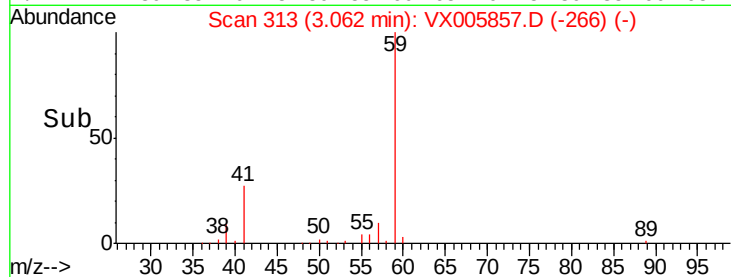
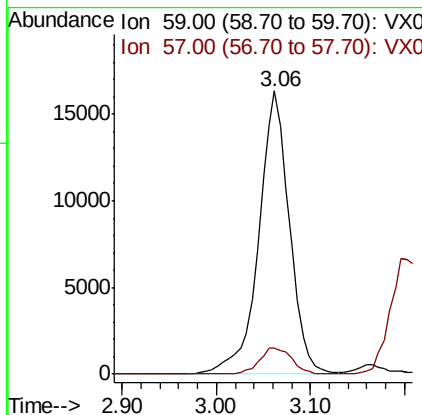
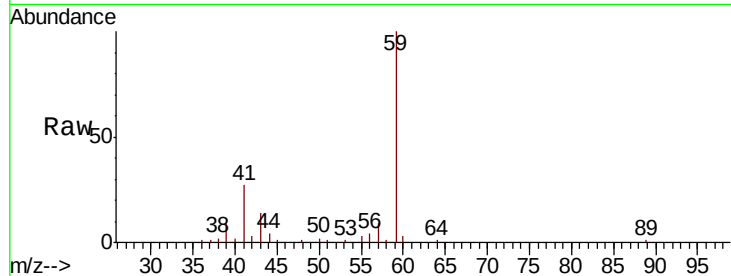
Tert butyl alcohol
Concen: 103.461 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

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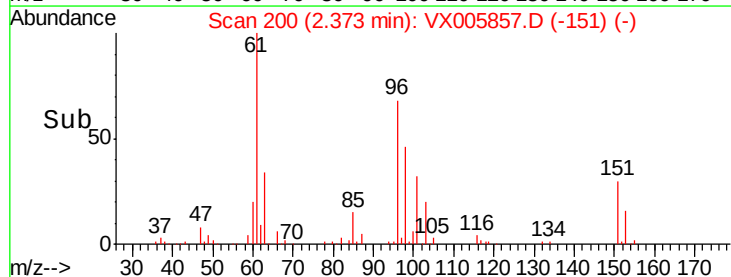
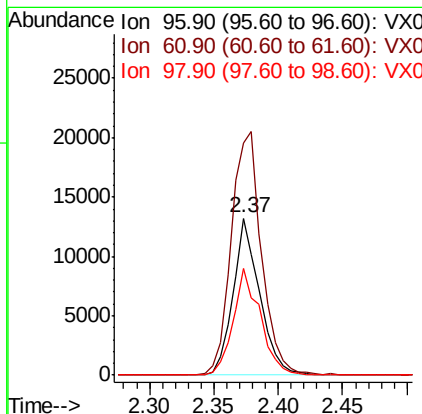
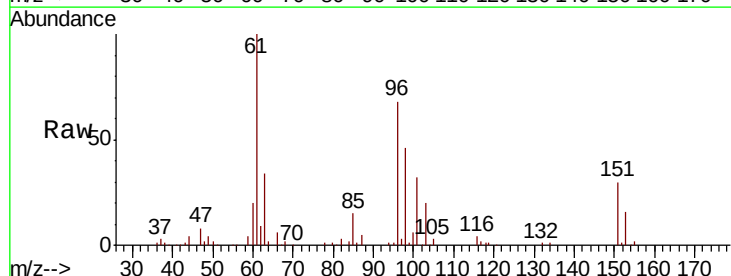
MMDadoda
11/12/2018 9:11:45 AM

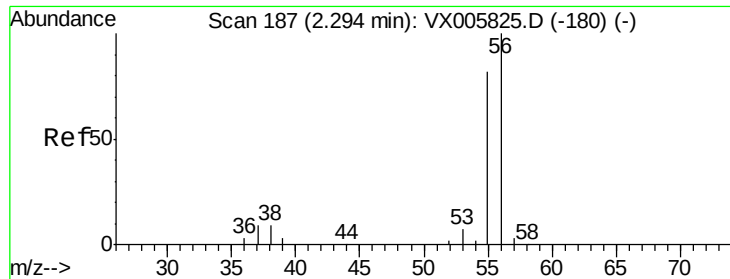


#12

1,1-Dichloroethene
Concen: 19.652 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.0	131.8	197.8
98	67.6	53.4	80.2





#13

Acrolein

Concen: 97.151 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 56 Resp: 14532

Ion Ratio Lower Upper

56 100

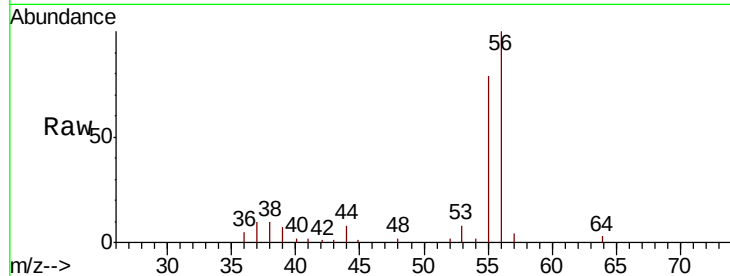
55 72.8 57.3 85.9

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

10000

8000

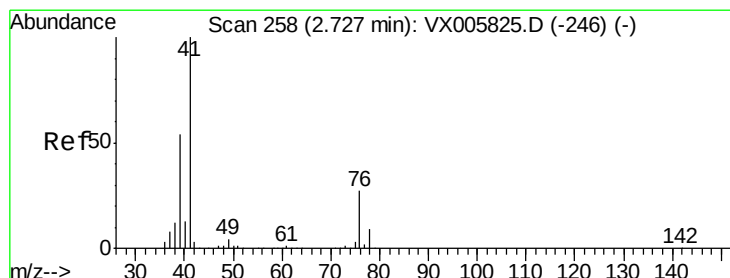
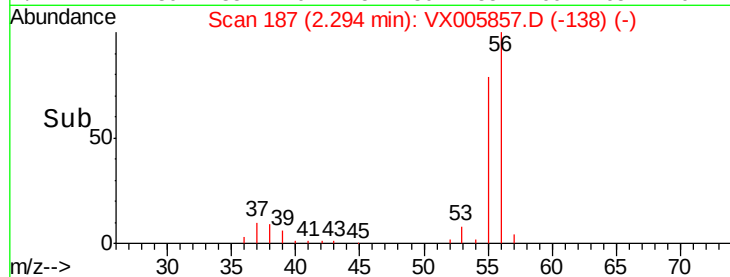
6000

4000

2000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 20.264 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

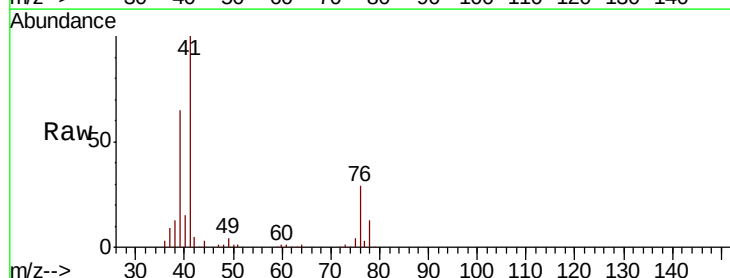
Tgt Ion: 41 Resp: 43831

Ion Ratio Lower Upper

41 100

39 58.9 48.2 72.4

76 27.4 21.9 32.9



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

2.73

30000

25000

20000

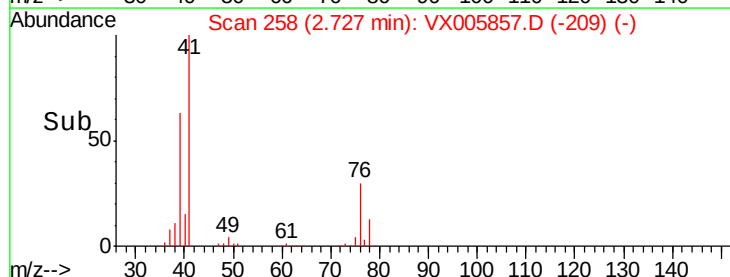
15000

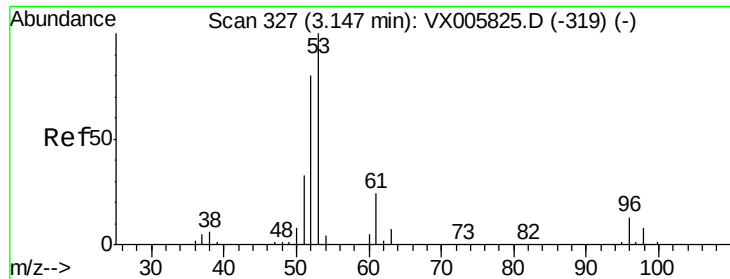
10000

5000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 101.981 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

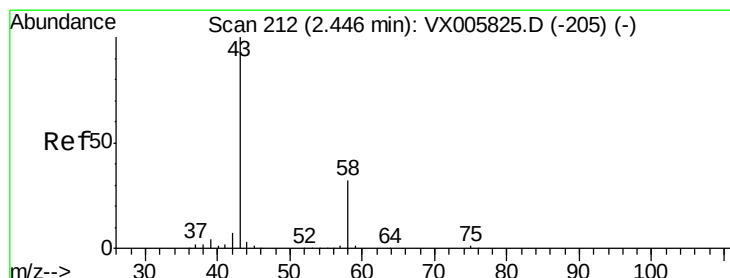
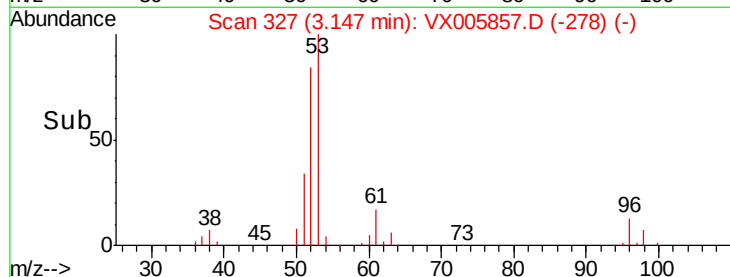
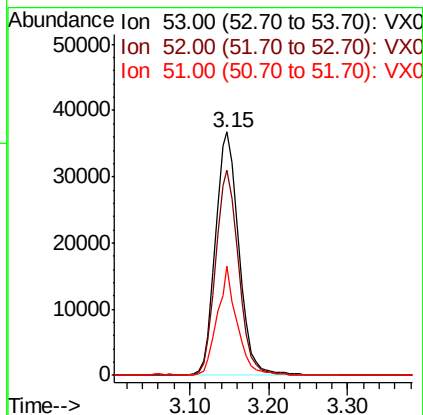
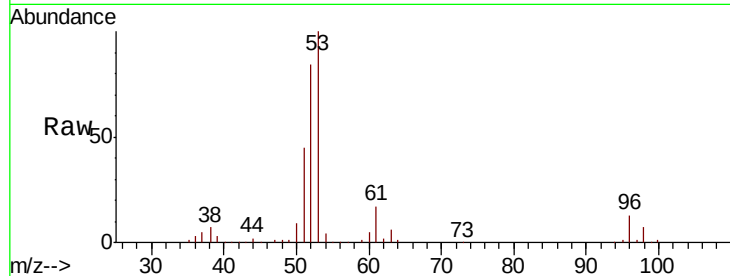
ClientSampleId :

VX1109WBSD01

Tot Ion:	53	Resp:	76262
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.6	99.8
51	37.9	28.4	42.6

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#16

Acetone

Concen: 108.230 ug/l

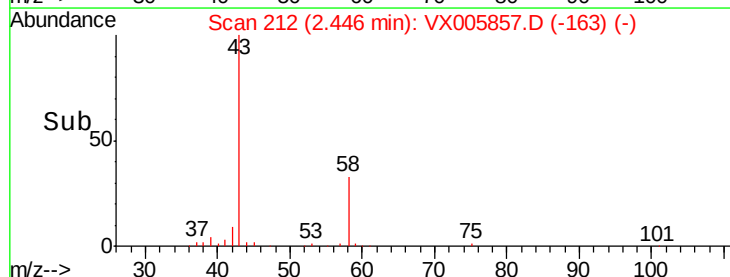
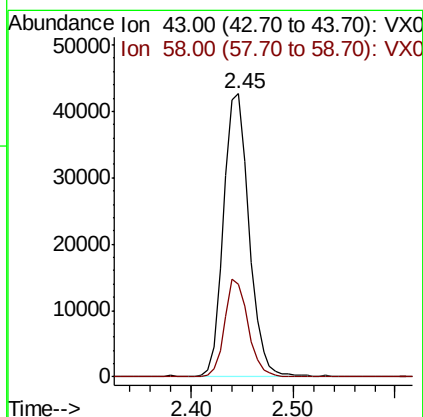
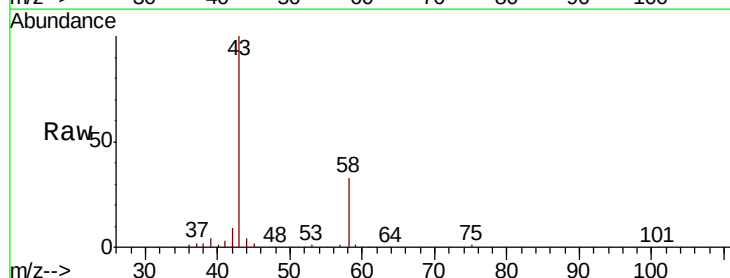
RT: 2.45 min Scan# 212

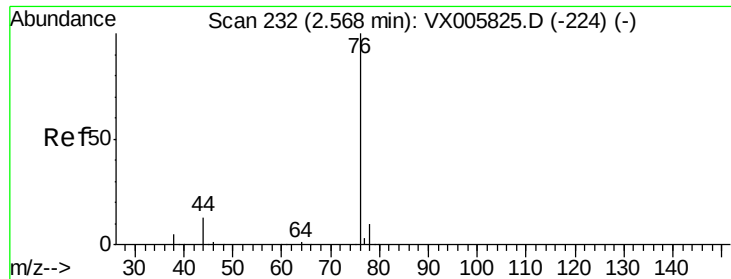
Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Tgt Ion:	43	Resp:	73404
Ion	Ratio	Lower	Upper
43	100		
58	33.0	23.8	35.6





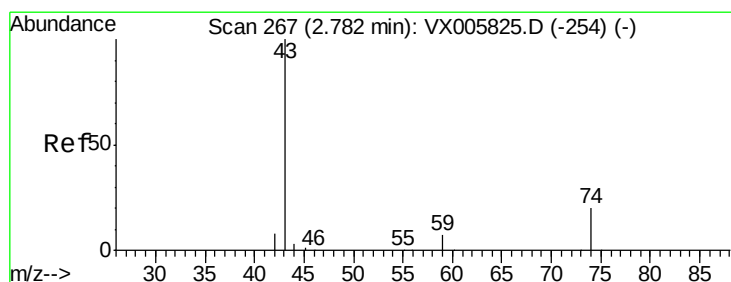
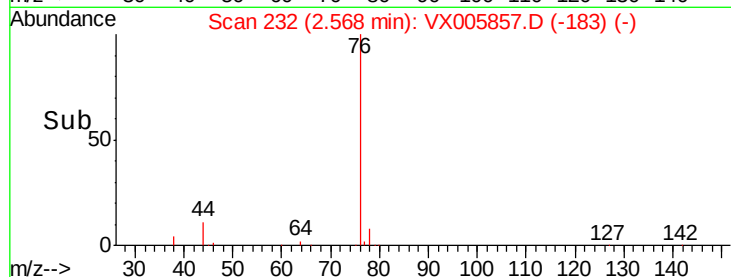
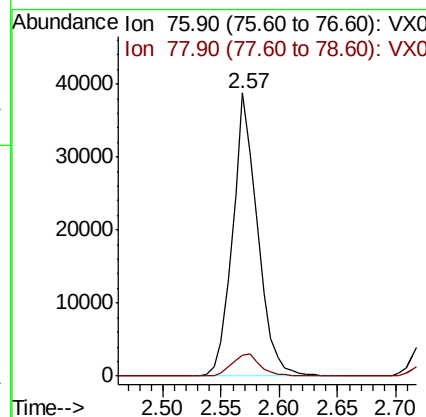
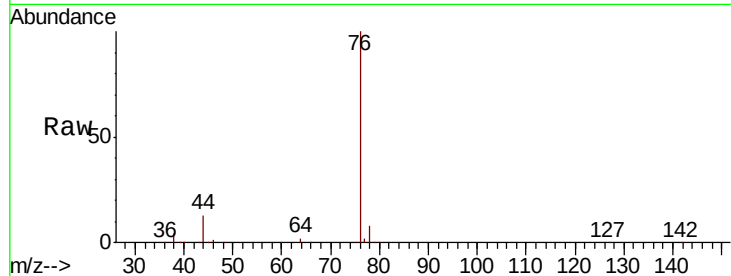
#17
Carbon Disulfide
Concen: 19.904 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.3	10.9

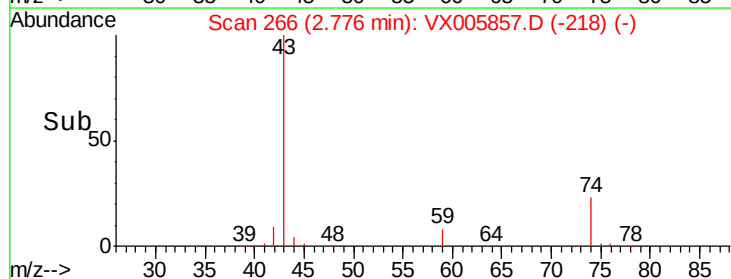
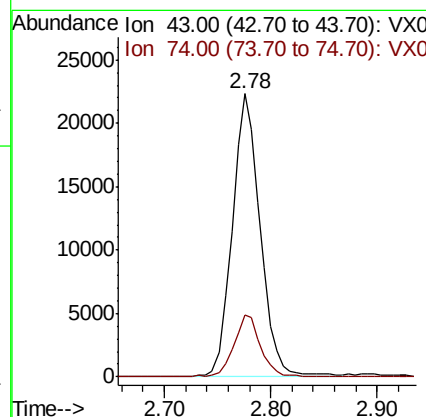
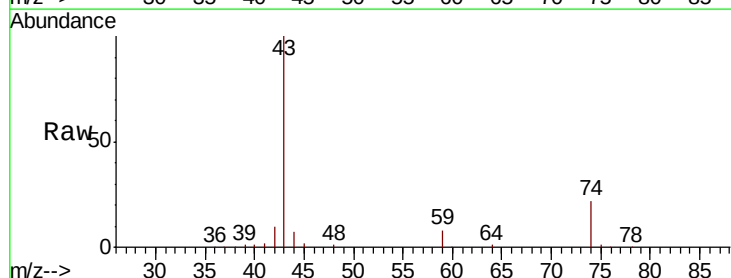
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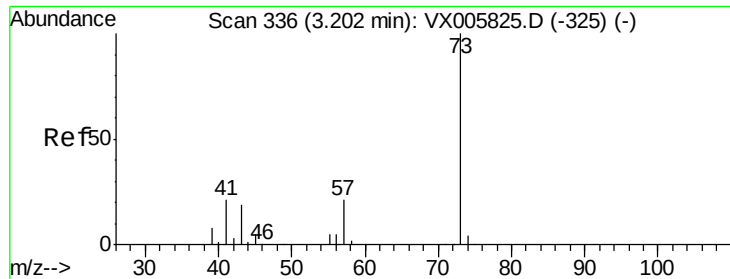
MMDadoda
11/12/2018 9:11:45 AM



#18
Methyl Acetate
Concen: 21.458 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	16.8	25.2





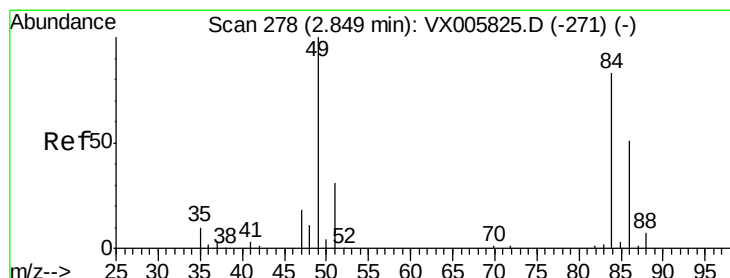
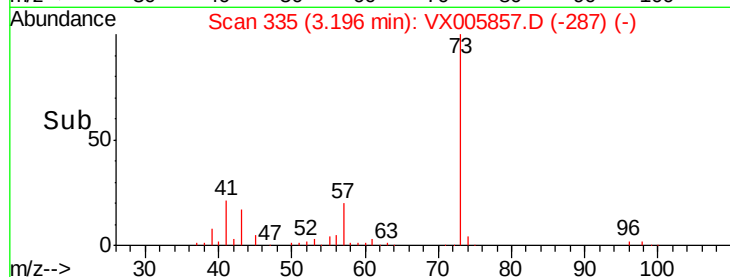
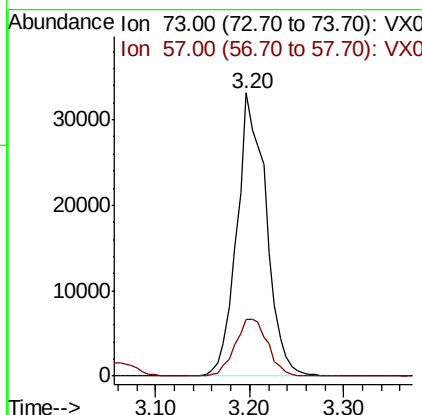
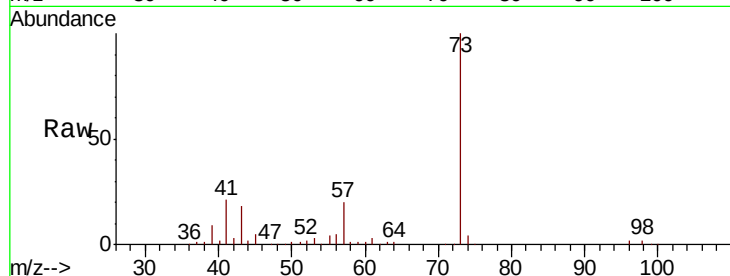
#19
Methyl tert-butyl Ether
Concen: 21.738 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion: 73 Resp: 71855
Ion Ratio Lower Upper
73 100
57 20.2 18.8 28.2

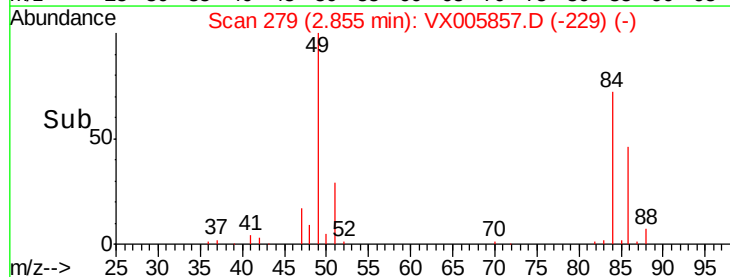
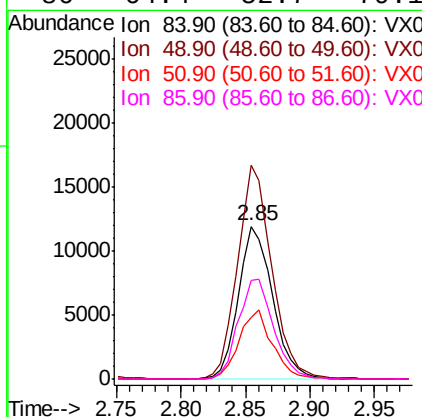
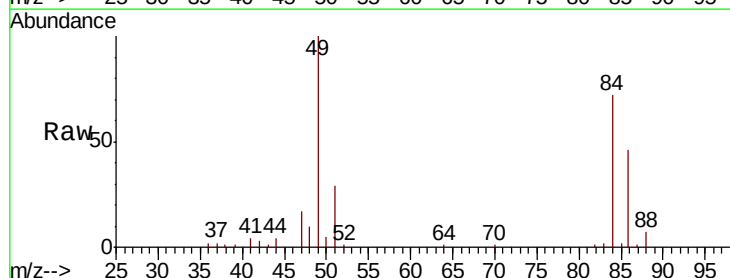
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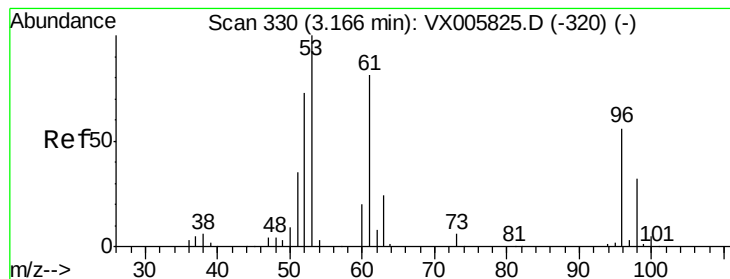
MMDadoda
11/12/2018 9:11:45 AM



#20
Methylene Chloride
Concen: 19.636 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion: 84 Resp: 21876
Ion Ratio Lower Upper
84 100
49 139.6 109.5 164.3
51 39.9 33.3 49.9
86 64.4 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.804 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 96 Resp: 20230

Ion Ratio Lower Upper

96 100

61 148.5 115.6 173.4

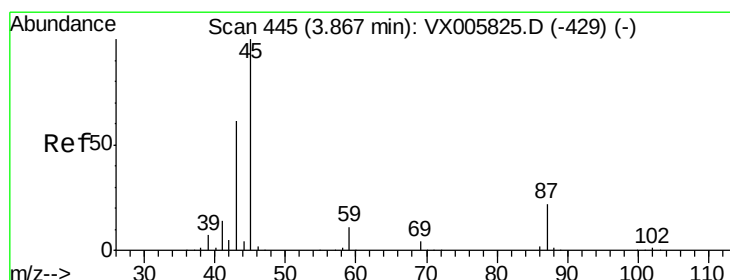
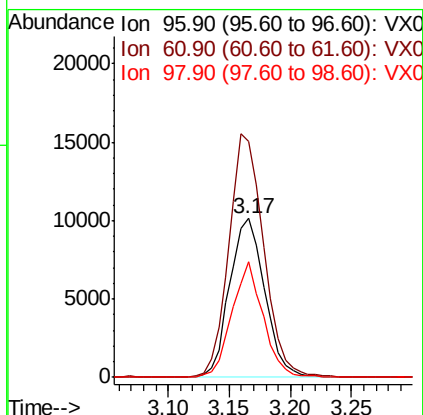
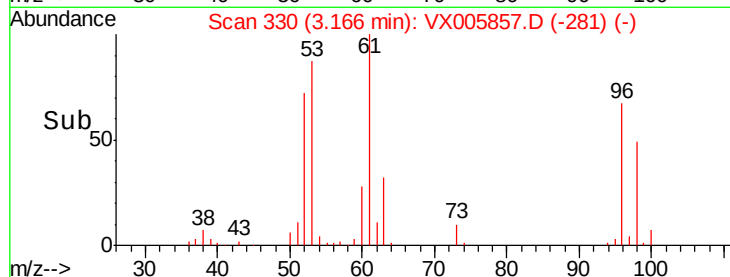
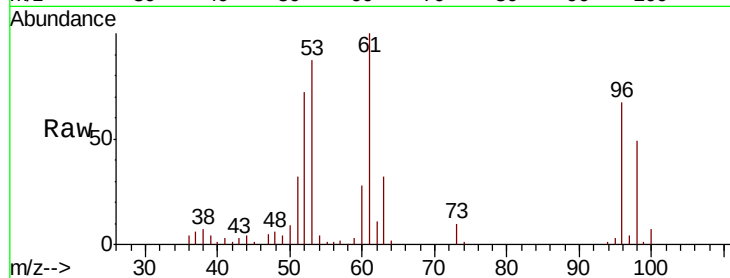
98 72.7 50.2 75.2

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#22

Diisopropyl ether

Concen: 21.115 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Tgt Ion: 45 Resp: 80006

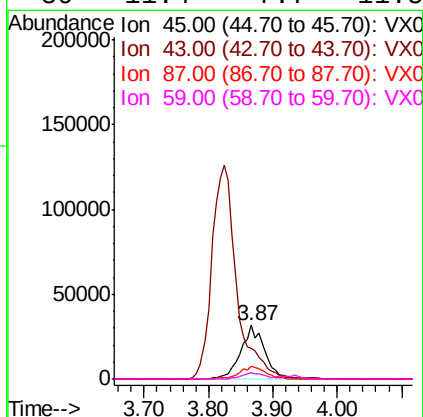
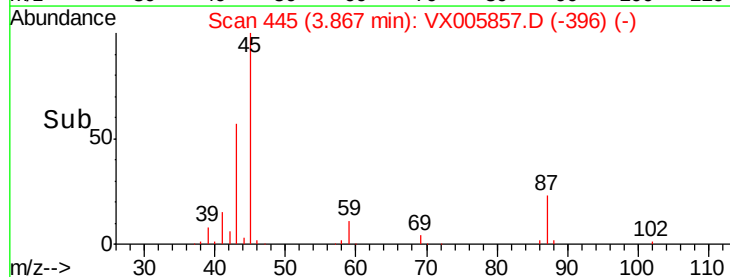
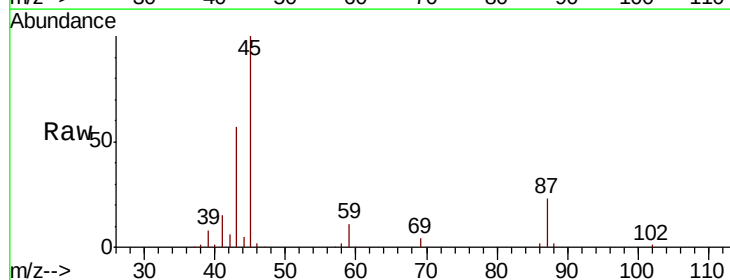
Ion Ratio Lower Upper

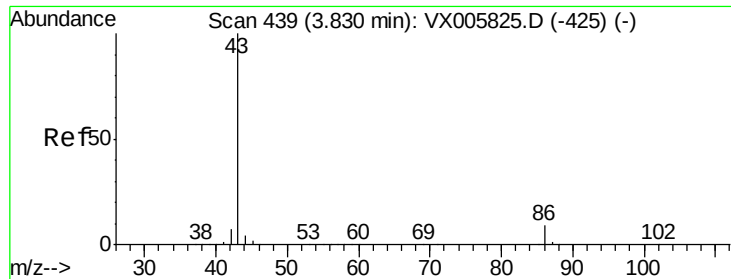
45 100

43 56.7 47.4 71.2

87 23.2 15.9 23.9

59 11.4 7.7 11.5





#23

Vinyl Acetate

Concen: 105.479 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 43 Resp: 342682

Ion Ratio Lower Upper

43 100

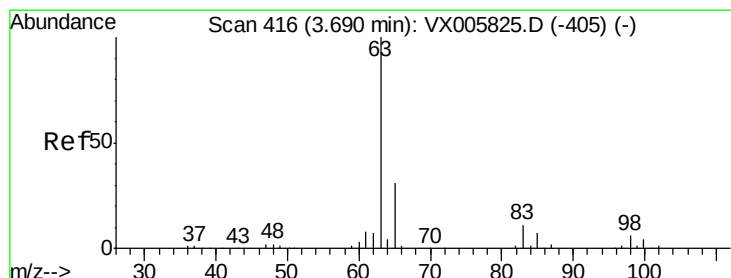
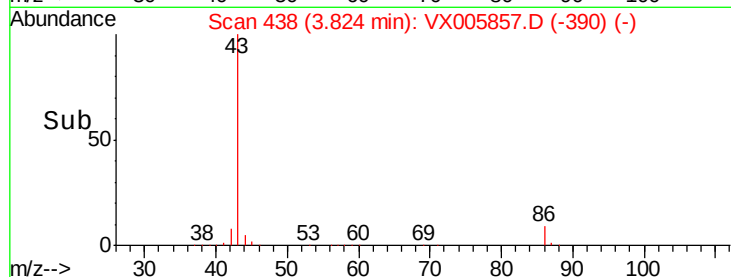
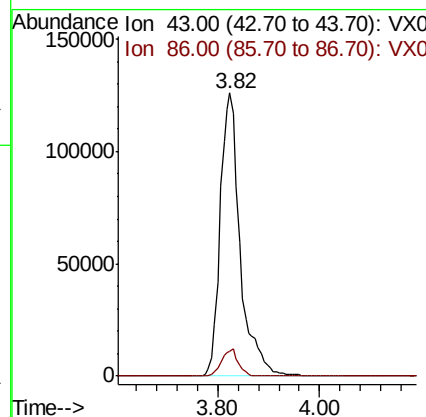
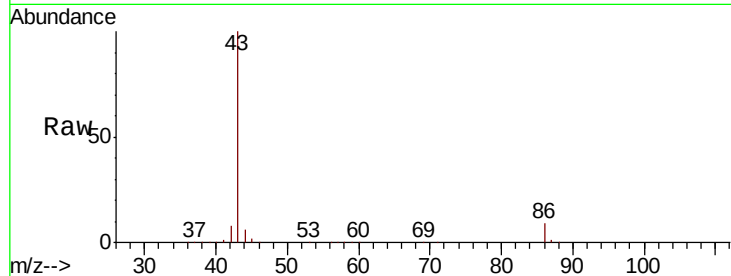
86 8.9 7.4 11.2

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#24

1,1-Dichloroethane

Concen: 20.887 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

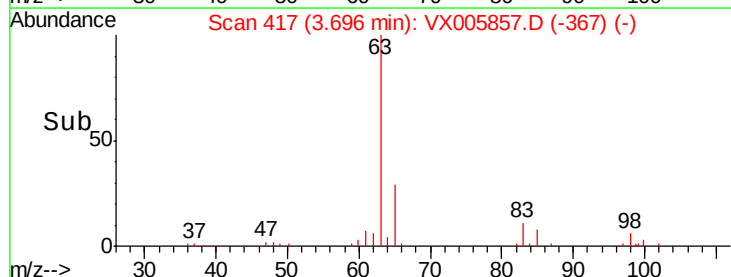
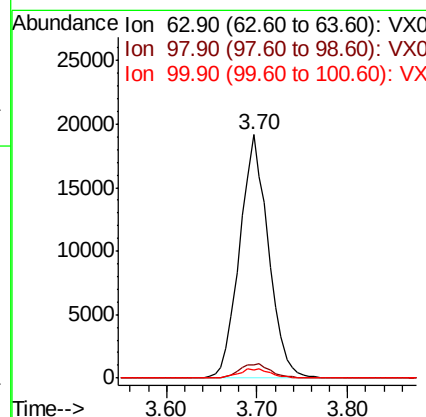
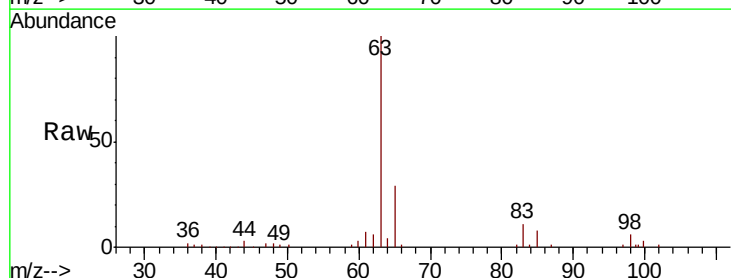
Tgt Ion: 63 Resp: 42224

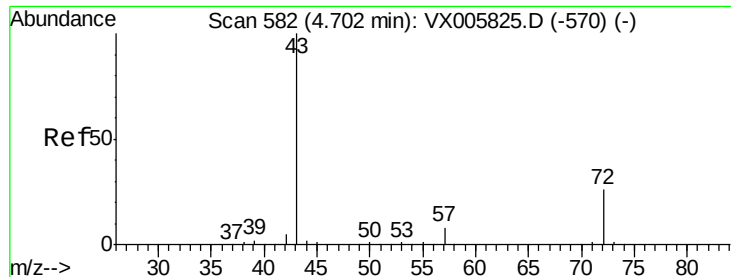
Ion Ratio Lower Upper

63 100

98 5.6 3.2 9.6

100 3.3 2.1 6.2





#25

2-Butanone

Concen: 101.604 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 43 Resp: 108337

Ion Ratio Lower Upper

43 100

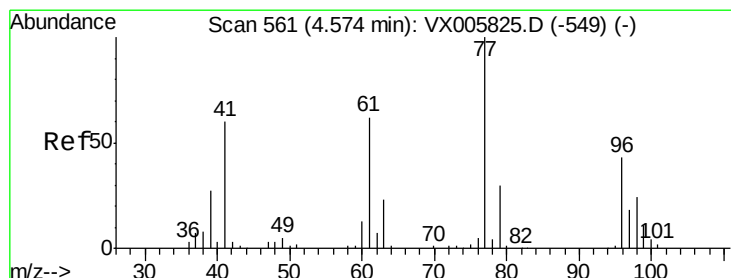
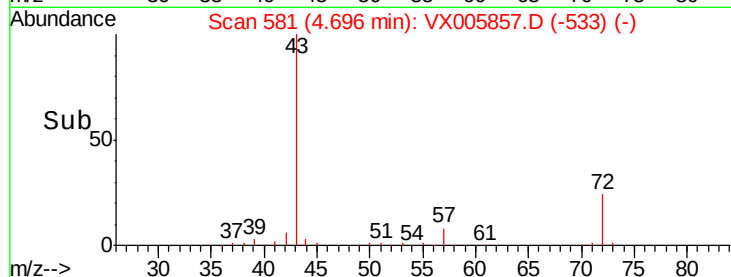
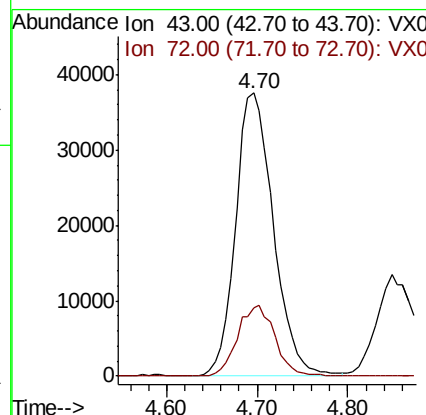
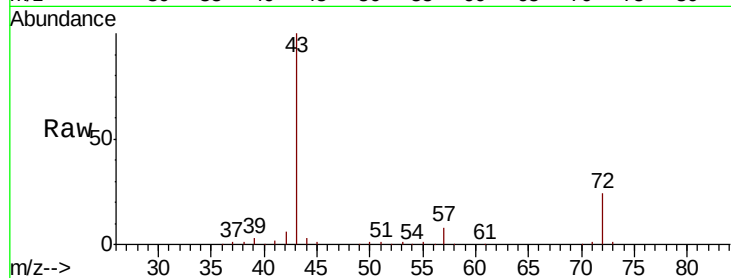
72 24.2 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 22.048 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX005857.D

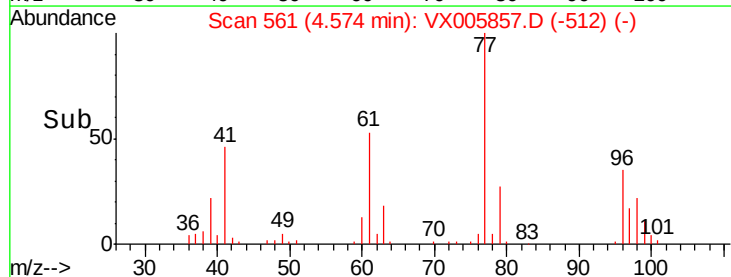
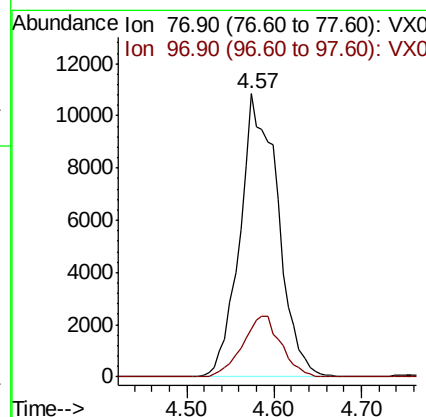
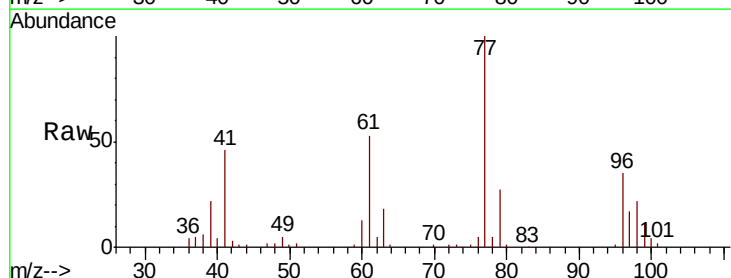
Acq: 09 Nov 2018 13:19

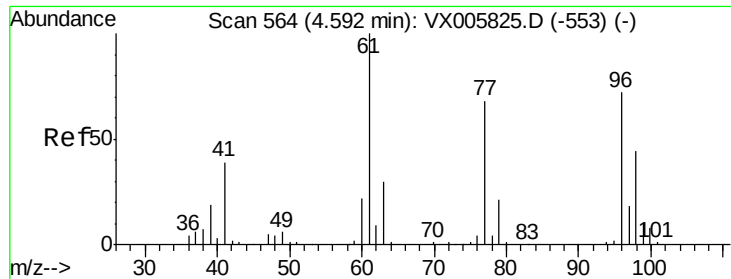
Tgt Ion: 77 Resp: 32695

Ion Ratio Lower Upper

77 100

97 21.7 11.5 34.5





#27

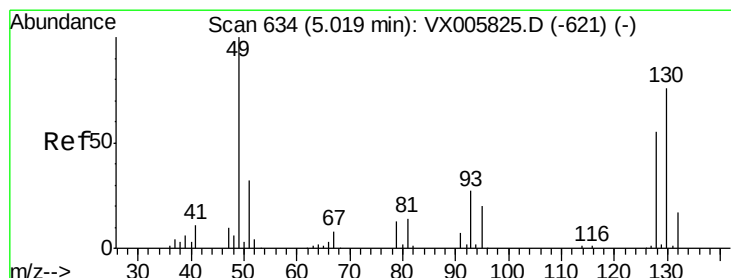
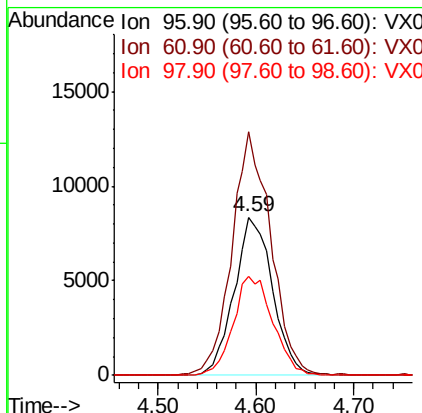
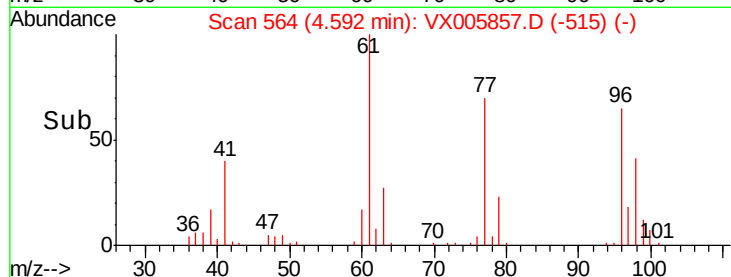
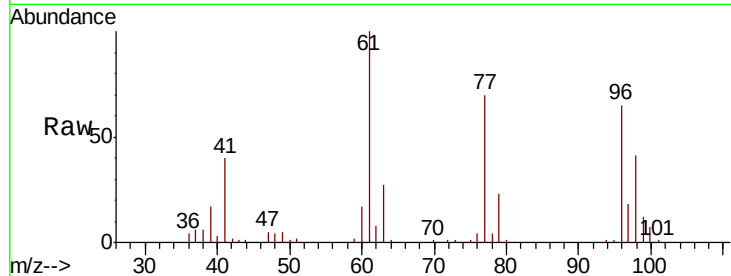
cis-1,2-Dichloroethene
Concen: 20.099 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	304.6
98	64.7	0.0	127.4

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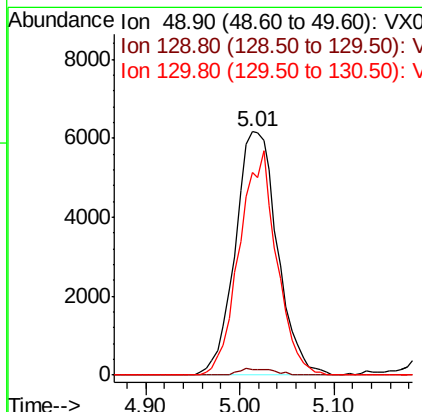
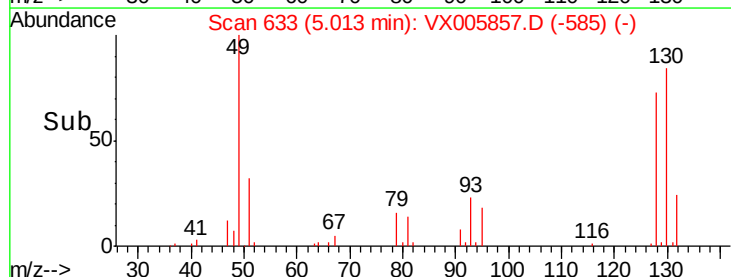
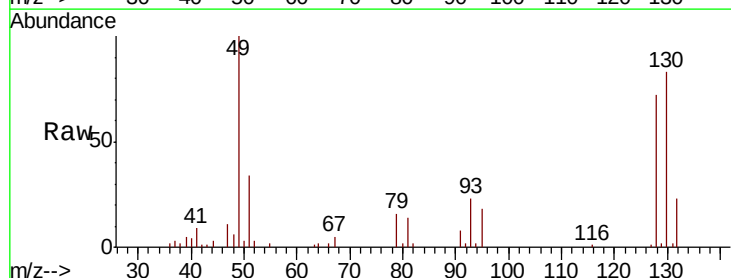
MMDadoda
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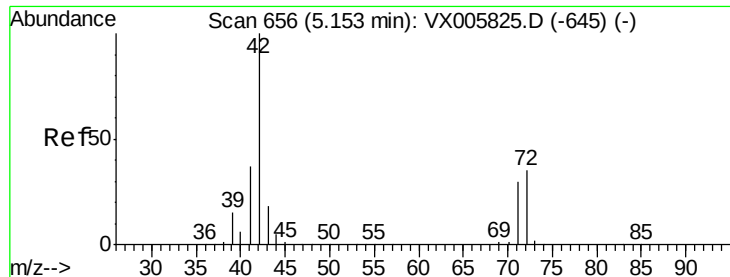


#28

Bromochloromethane
Concen: 21.347 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	81.6	58.9	88.3





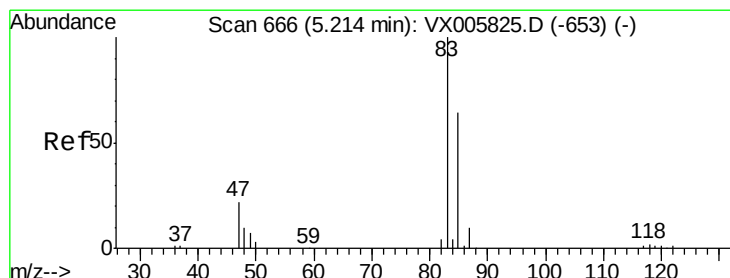
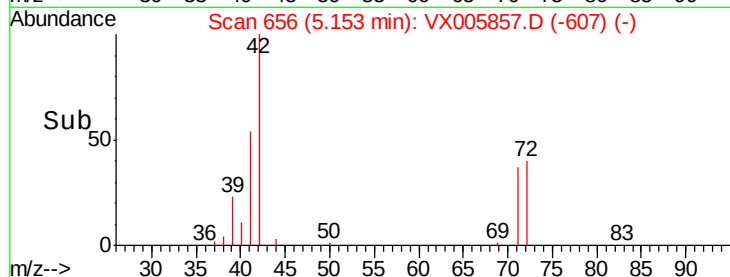
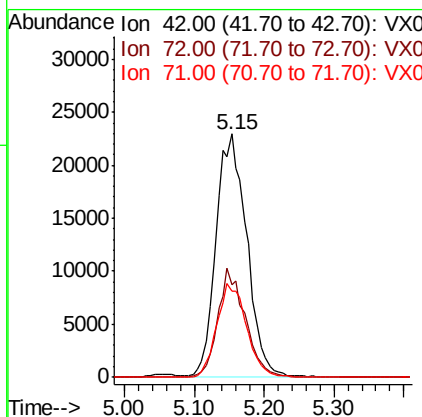
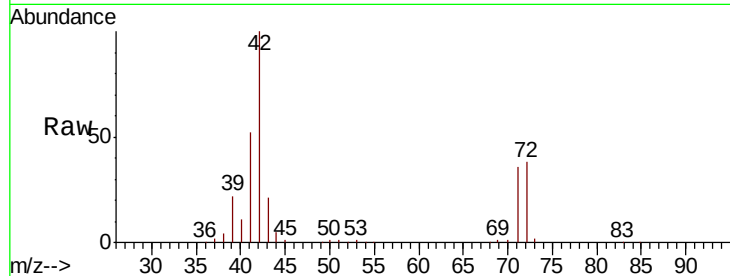
#29
Tetrahydrofuran
Concen: 102.742 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.0	48.0
71	36.9	29.8	44.8

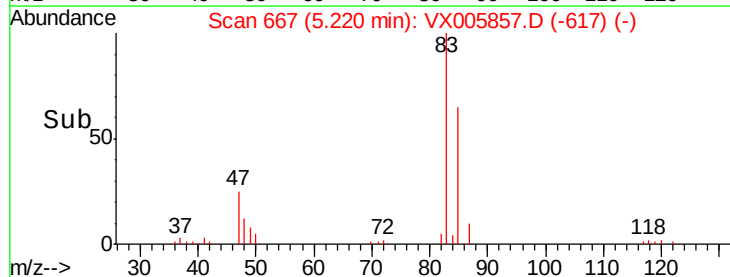
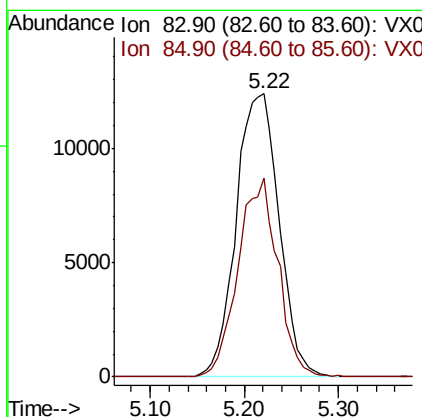
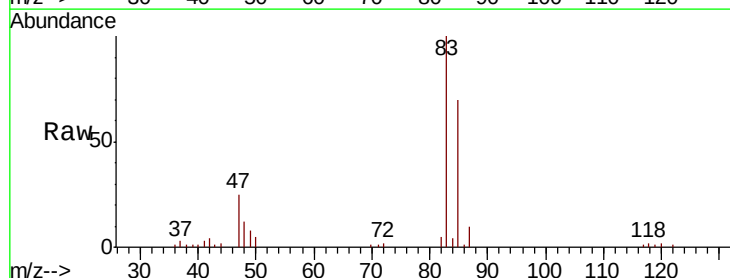
Manual Integrations
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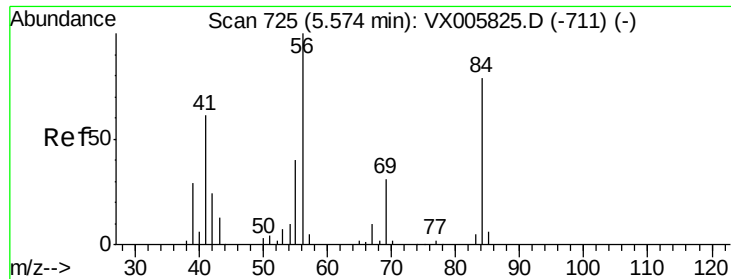
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#30
Chloroform
Concen: 20.232 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.1	50.6	76.0





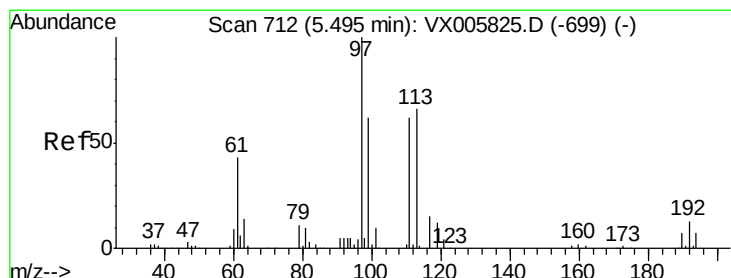
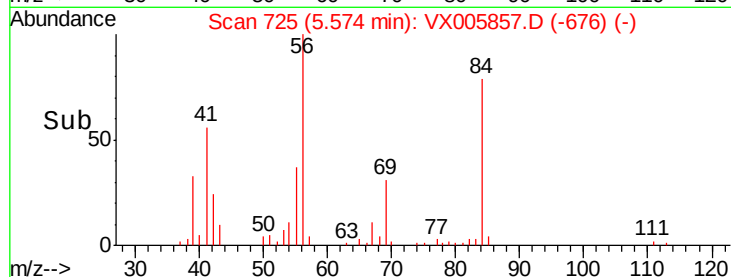
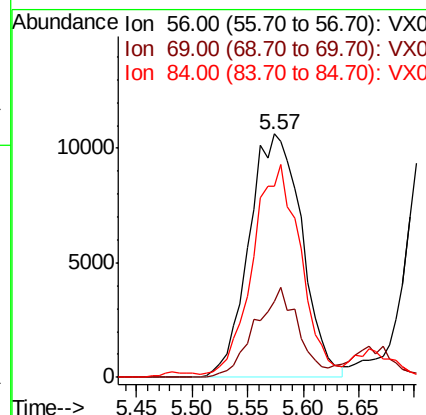
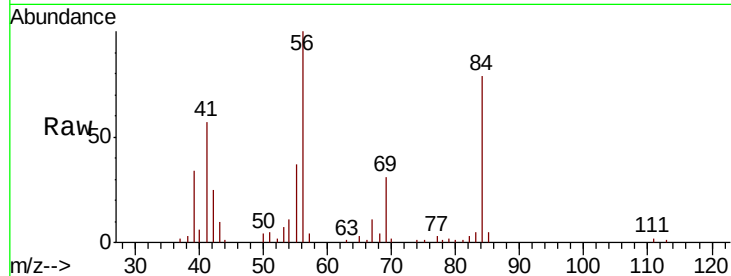
#31
Cyclohexane
Concen: 19.994 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	22.6	34.0
84	77.2	62.7	94.1

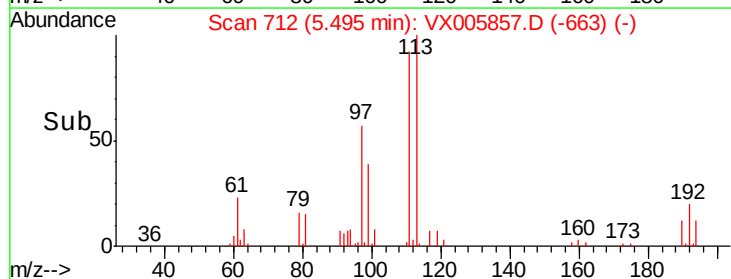
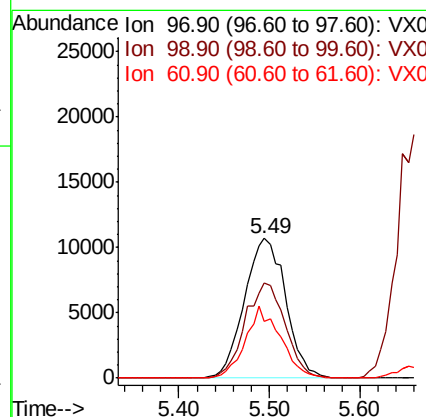
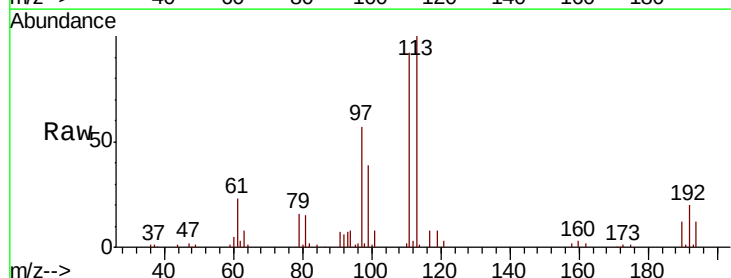
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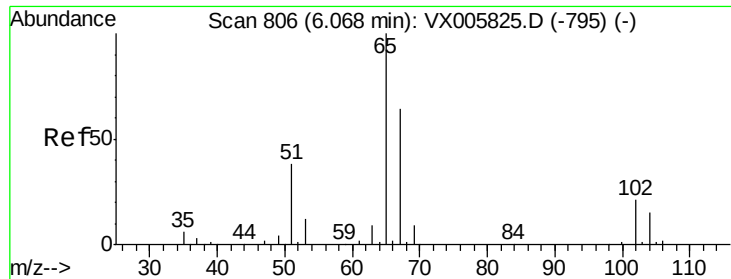
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.718 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.4	52.3	78.5
61	43.6	35.2	52.8





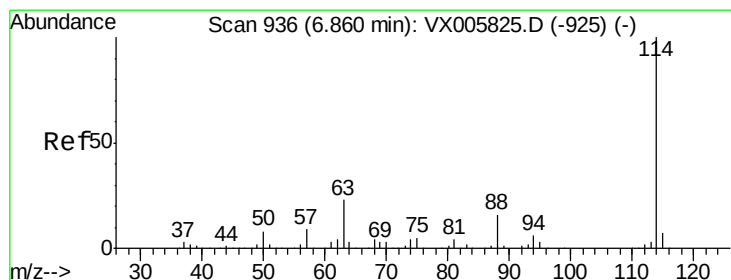
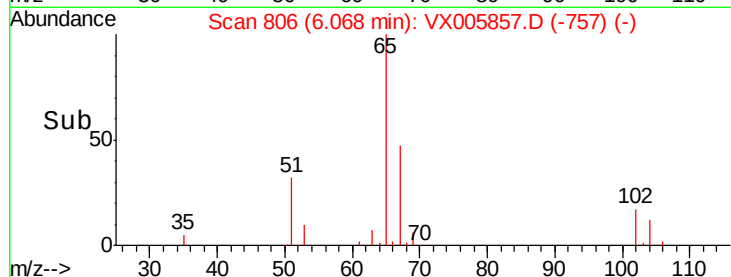
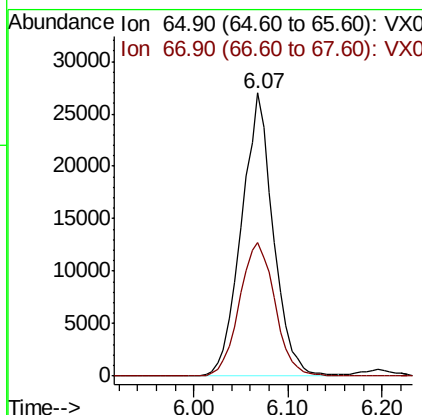
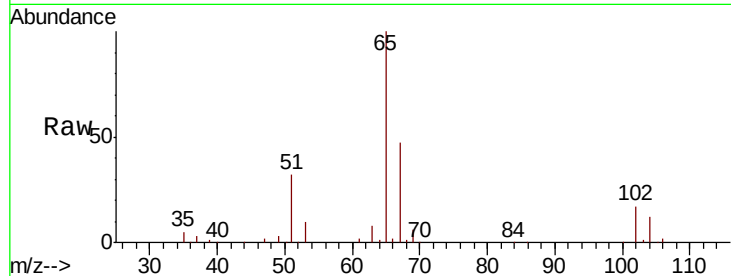
#33
 1,2-Dichloroethane-d4
 Concen: 50.619 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion: 65 Resp: 63761
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0

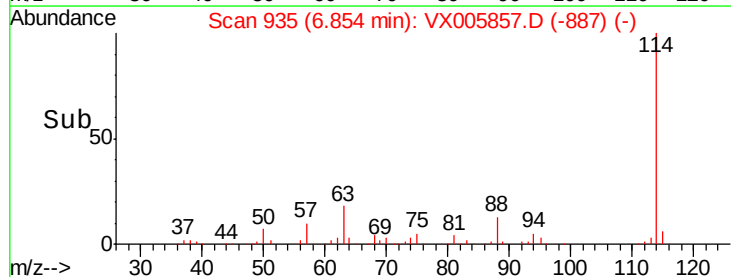
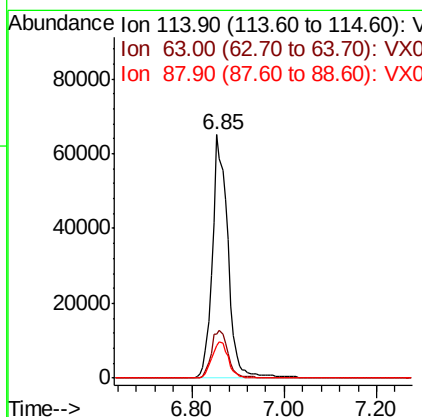
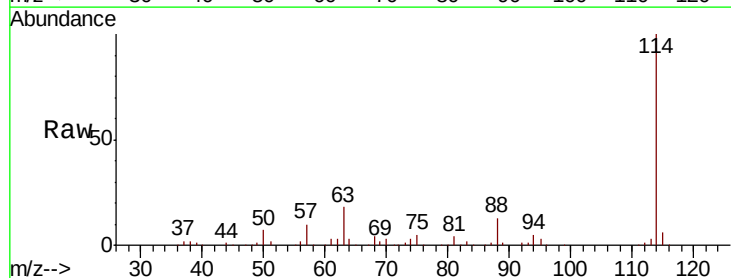
Manual Integrations
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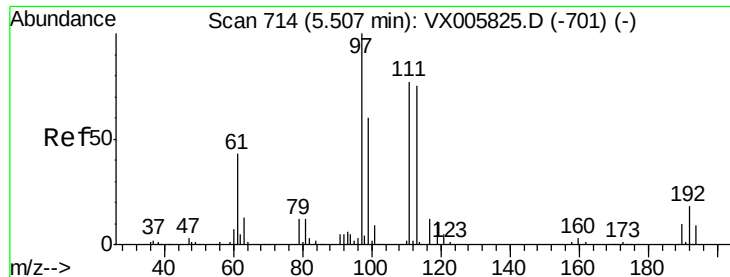
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 11/12/2018 9:11:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion: 114 Resp: 153296
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 42.8
 88 13.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.920 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

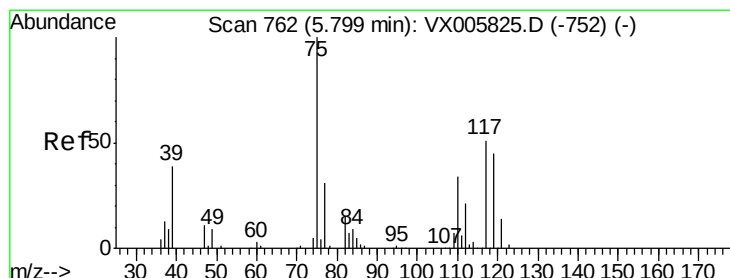
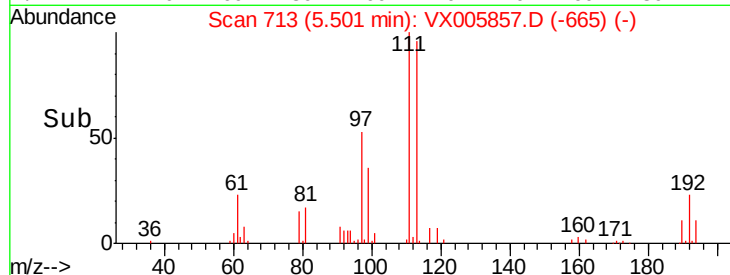
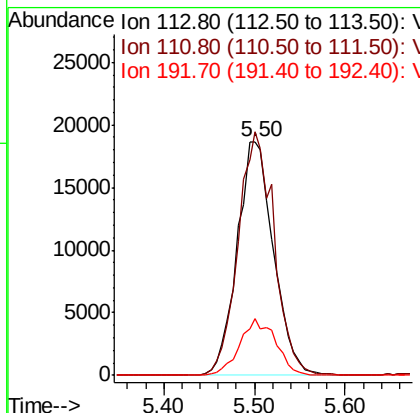
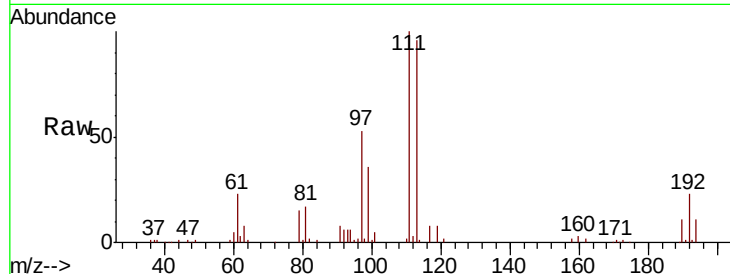
ClientSampleId :

VX1109WBSD01

Tot Ion:	113	Resp:	52049
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	23.9	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 18.854 ug/l

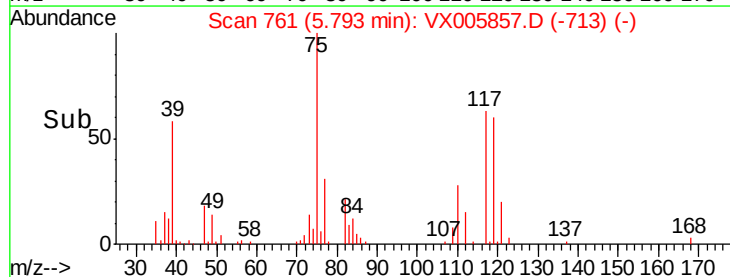
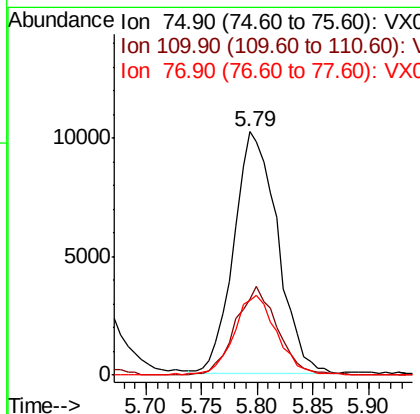
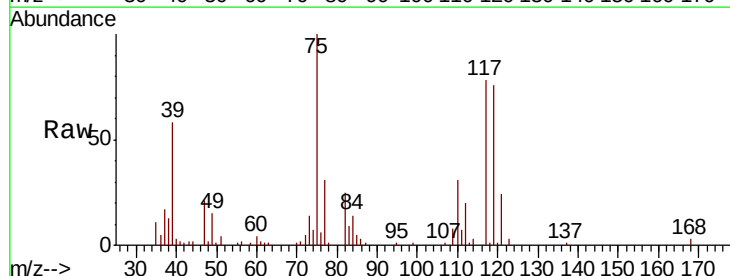
RT: 5.79 min Scan# 761

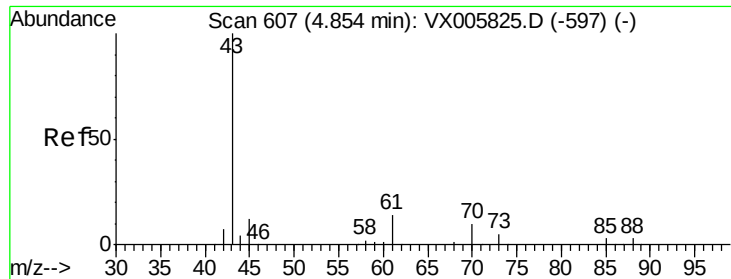
Delta R.T. -0.01 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Tgt Ion:	75	Resp:	27862
Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.4	52.2
77	32.2	25.8	38.6





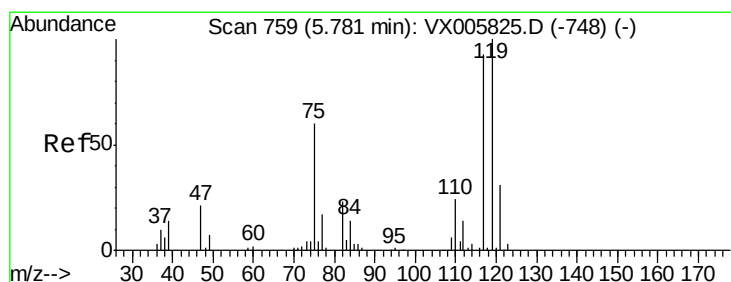
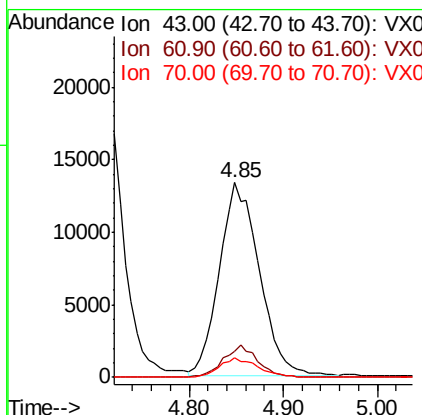
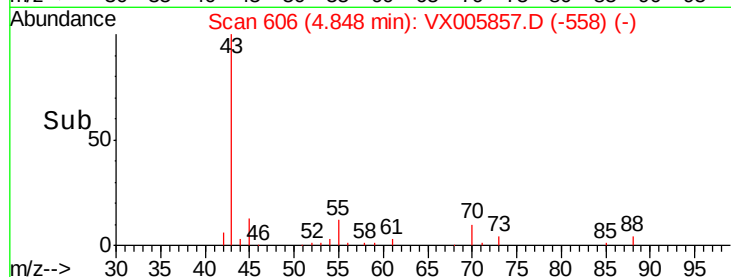
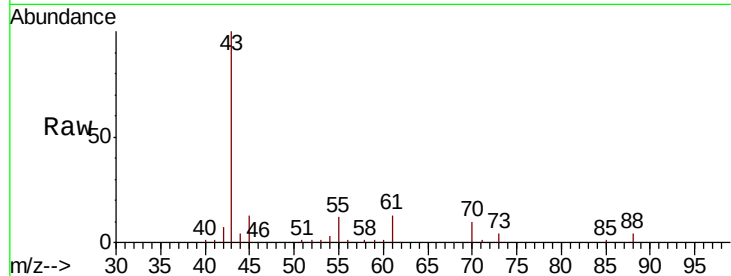
#37
Ethyl Acetate
Concen: 20.108 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.8	16.2
70	9.8	7.8	11.8

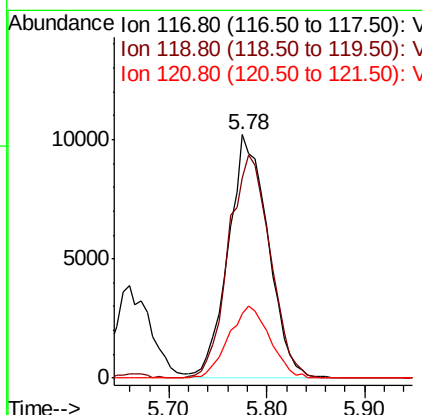
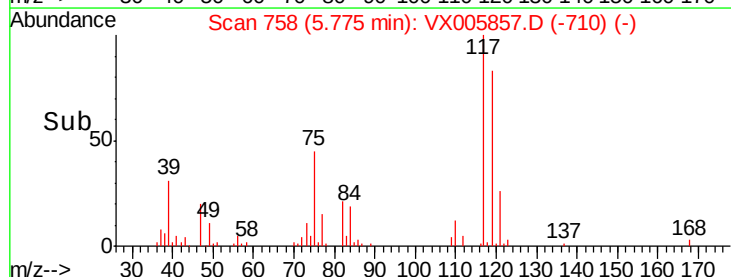
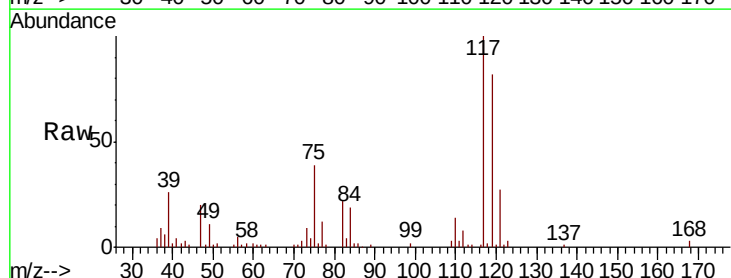
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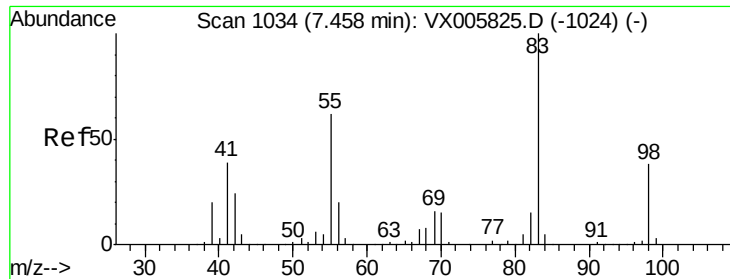
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#38
Carbon Tetrachloride
Concen: 19.512 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	82.2	78.1	117.1
121	26.6	24.6	36.8





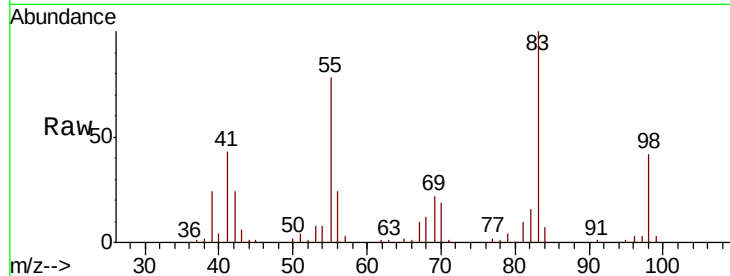
#39
Methylvlcyclohexane
Concen: 20.475 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

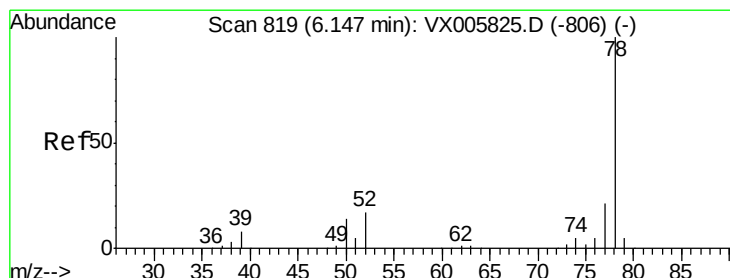
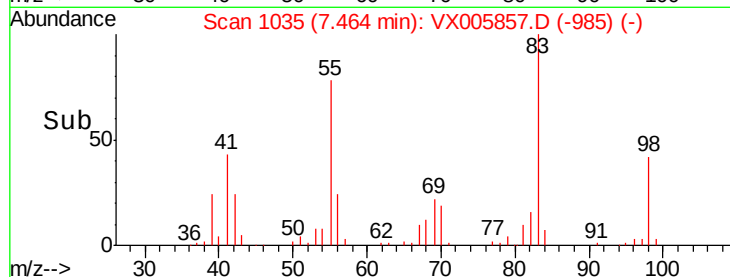
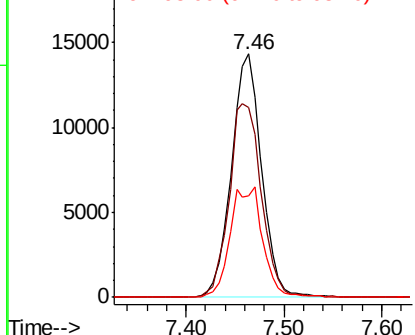
Tot Ion	83	Resp	30667
Ion Ratio	100	Lower	Upper
83	100		
55	78.0	63.7	95.5
98	41.8	36.2	54.2

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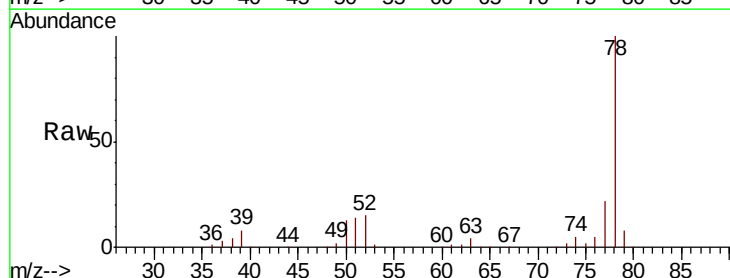


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

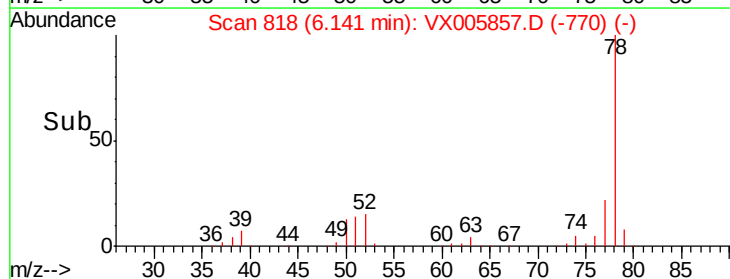
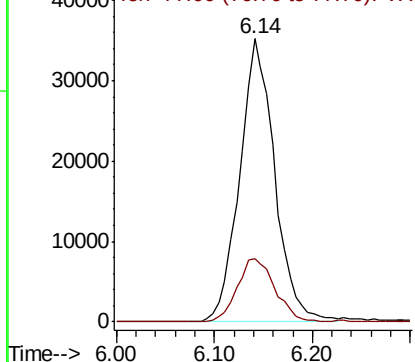


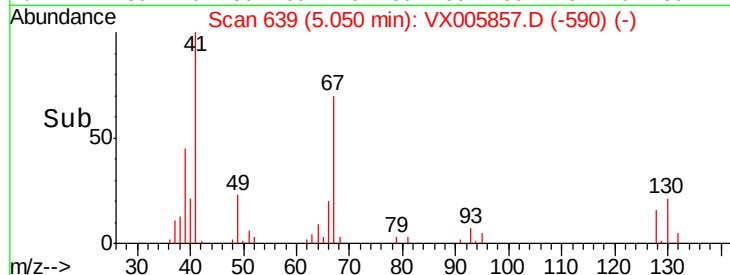
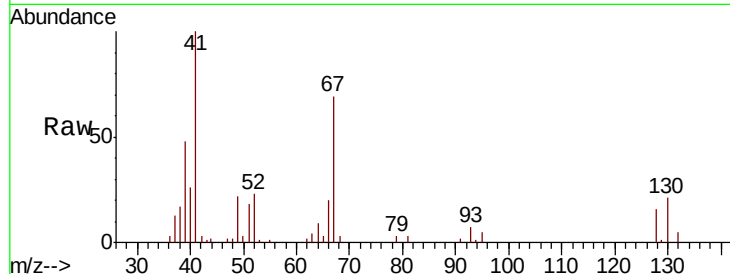
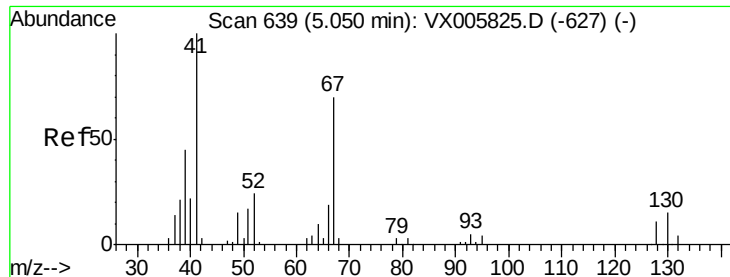
#40
Benzene
Concen: 20.285 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	78	Resp	87389
Ion Ratio	100	Lower	Upper
78	100		
77	22.4	18.4	27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





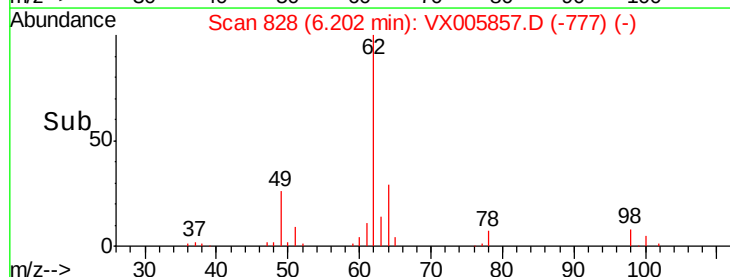
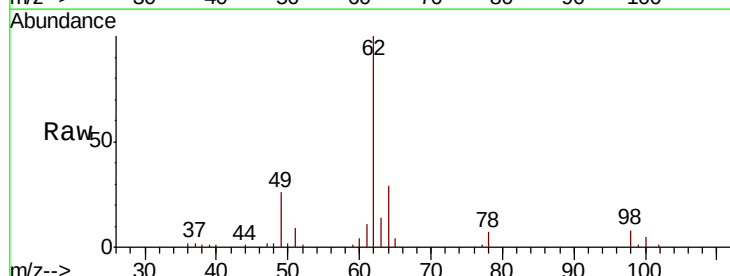
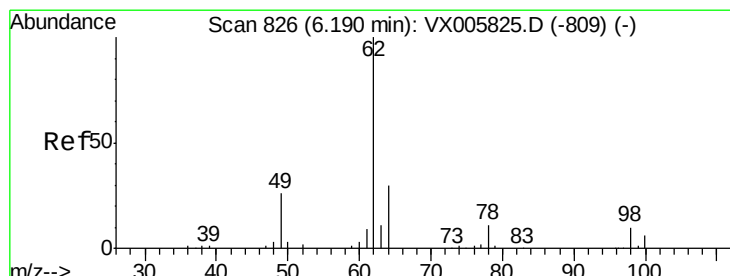
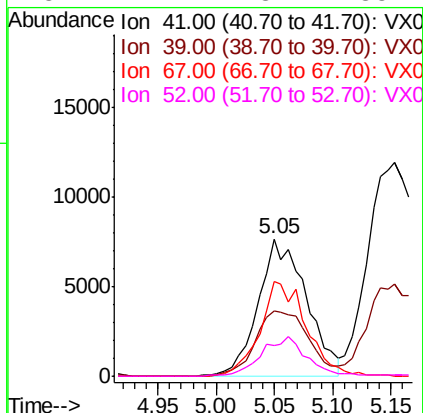
#41
Methacrylonitrile
Concen: 20.964 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	52.8	42.2	63.2
67	67	66.4	53.4	80.0
52	52	27.4	23.4	35.2

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

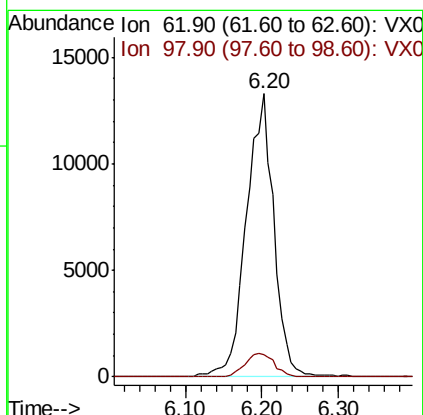
Manual Integrations
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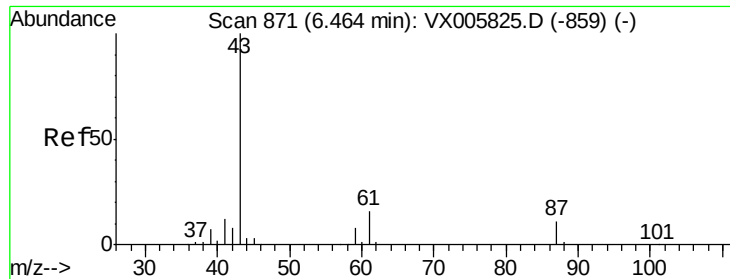
MMDadoda
11/12/2018 9:11:45 AM



#42
1,2-Dichloroethane
Concen: 21.595 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	8.7	0.0	17.8





#43

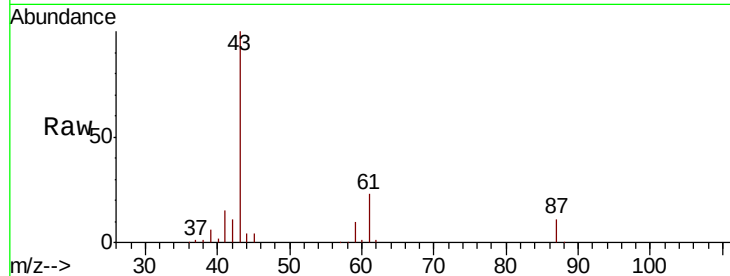
Isopropyl Acetate
 Concen: 19.857 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

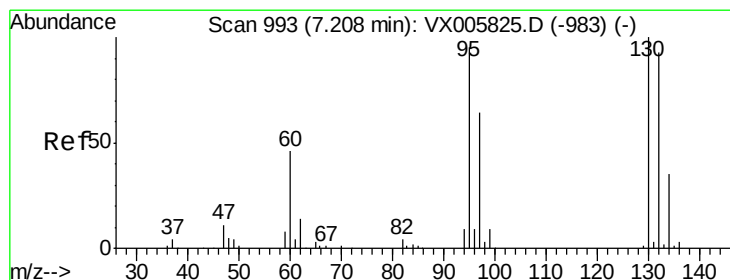
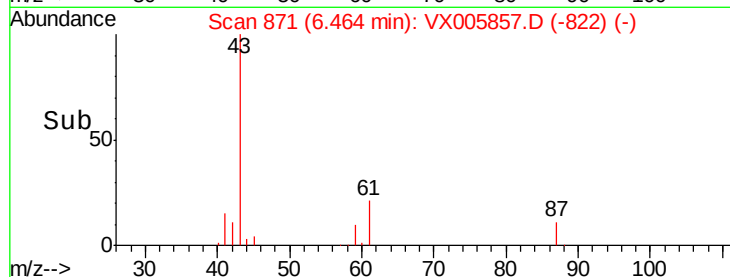
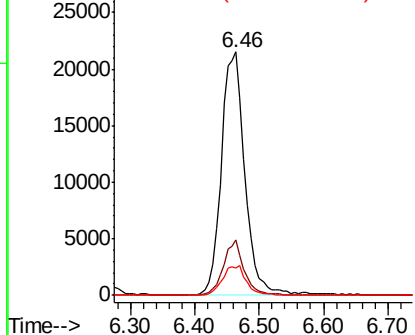
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.6	22.0
87	12.0	9.6	14.4

Manual Integrations
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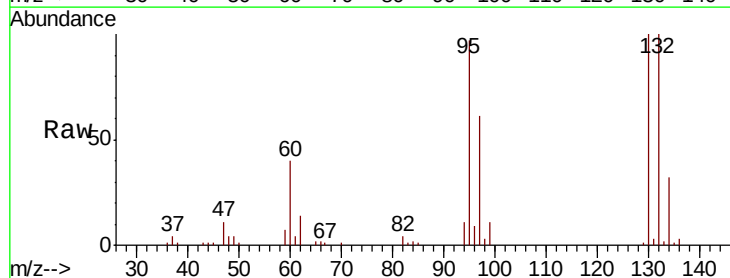
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



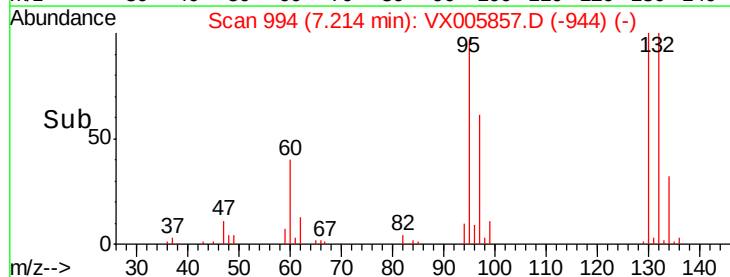
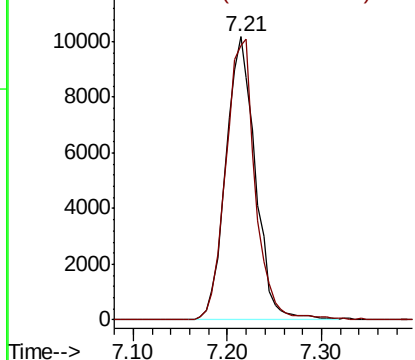
#44

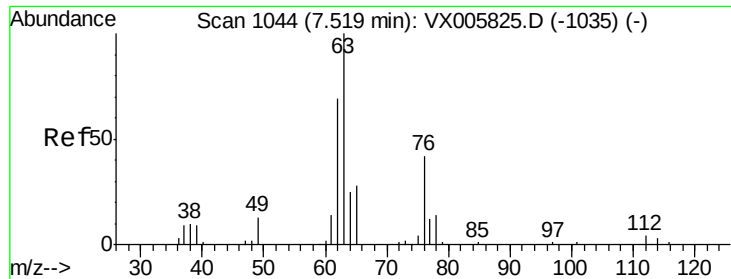
Trichloroethene
 Concen: 20.248 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	194.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





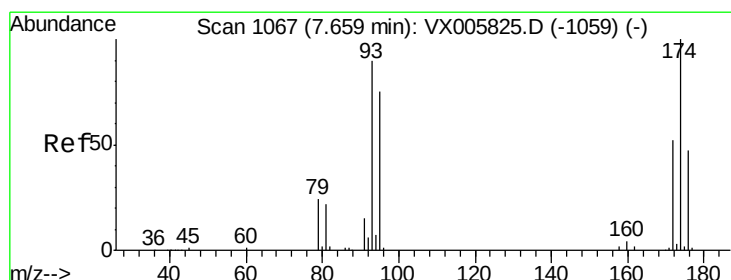
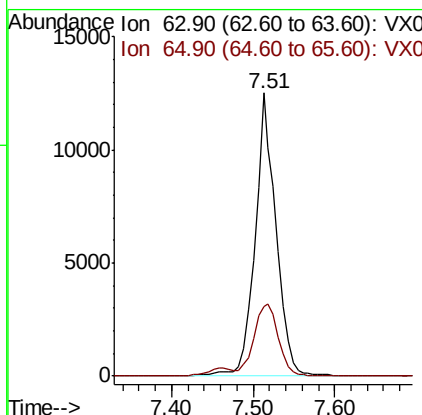
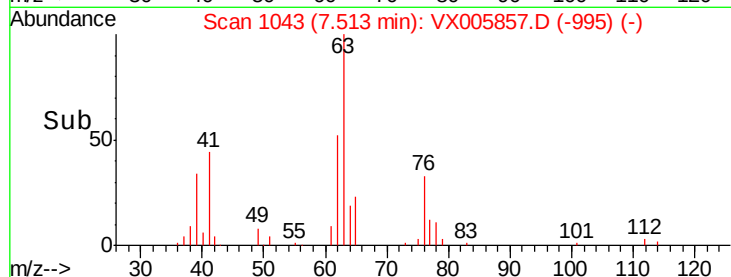
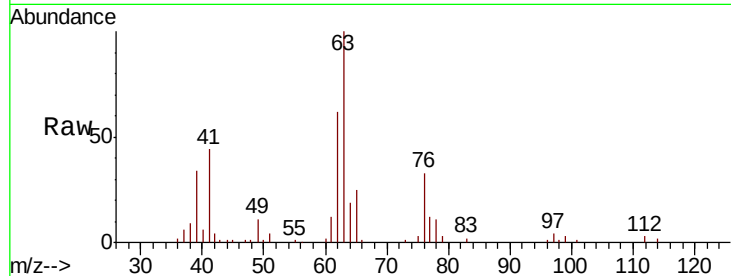
#45
 1,2-Dichloropropane
 Concen: 21.602 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion: 63 Resp: 22589
 Ion Ratio Lower Upper
 63 100
 65 24.7 24.8 37.2#

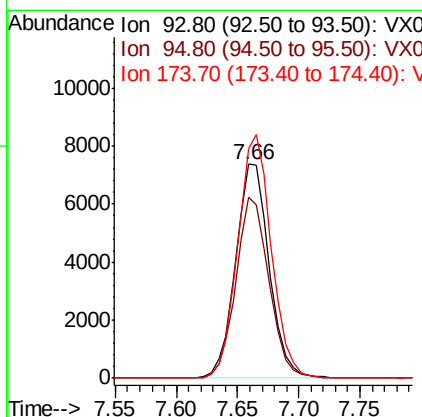
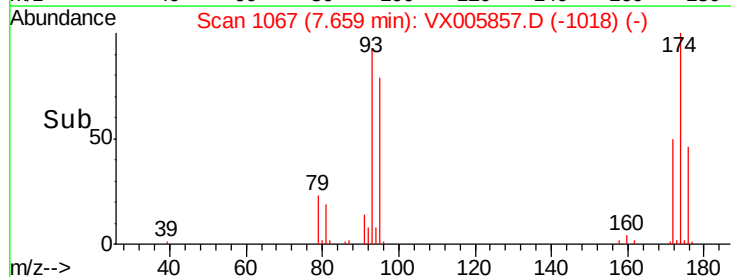
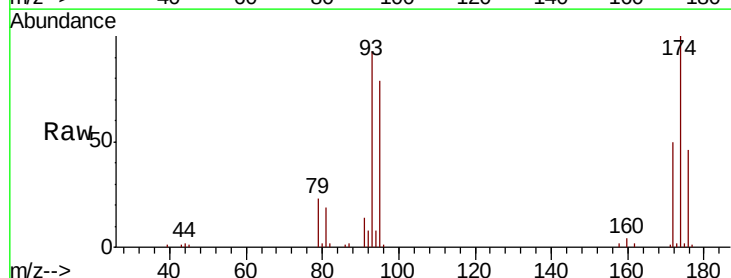
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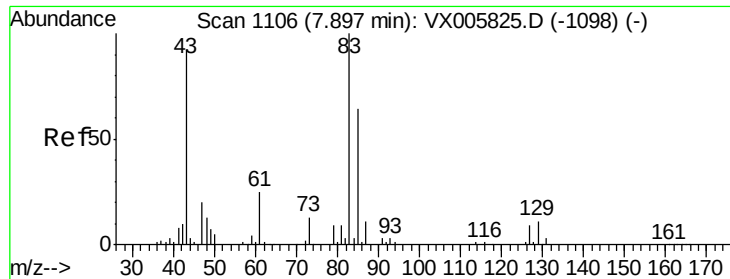
MMDadoda
 11/12/2018 9:11:45 AM



#46
 Dibromomethane
 Concen: 21.380 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion: 93 Resp: 14029
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.4 101.0
 174 113.5 91.5 137.3





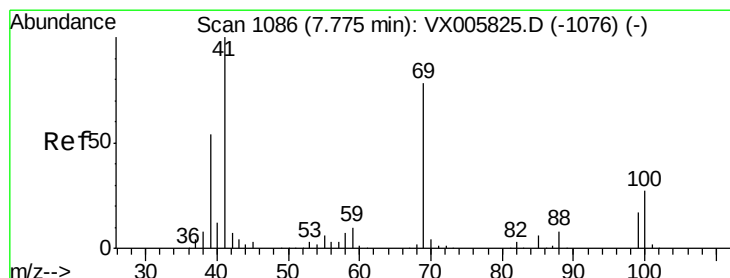
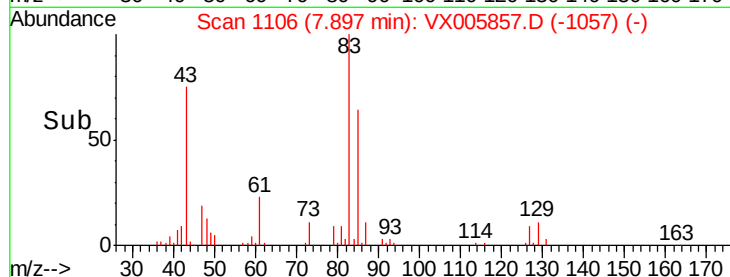
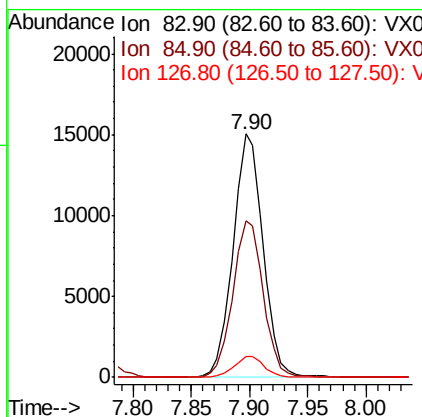
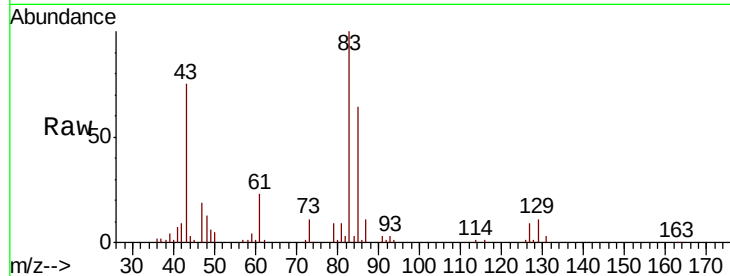
#47
Bromodichloromethane
Concen: 21.715 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.2	75.4
127	8.6	6.9	10.3

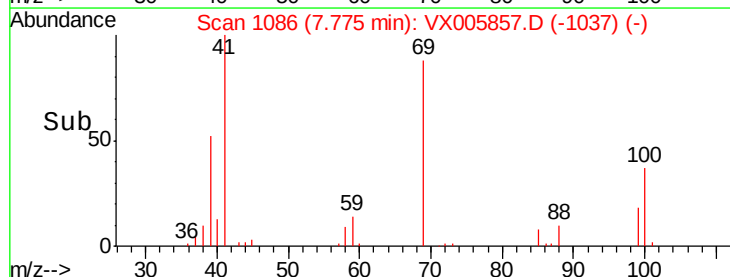
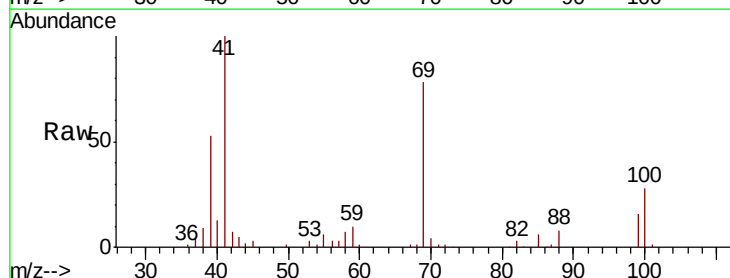
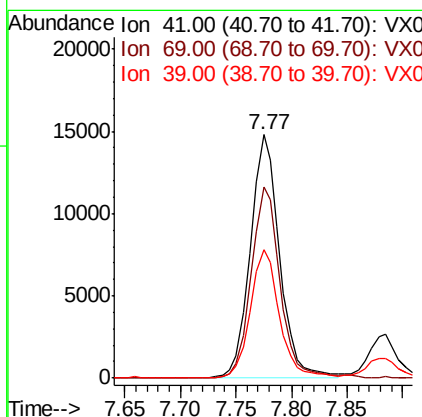
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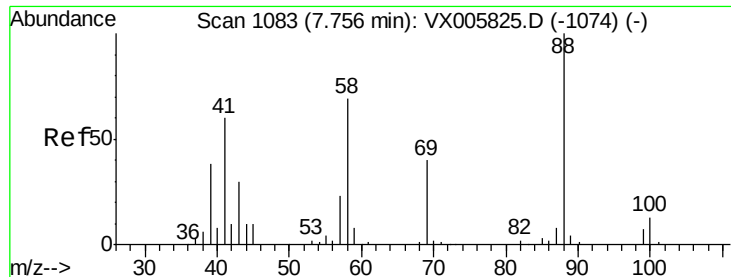
MMDadoda
11/12/2018 9:11:45 AM



#48
Methyl methacrylate
Concen: 21.446 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.8	63.2	94.8
39	52.4	42.2	63.2





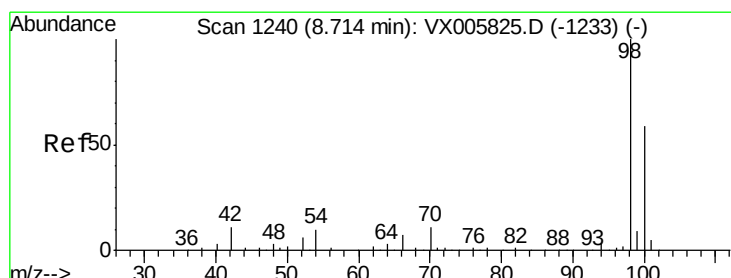
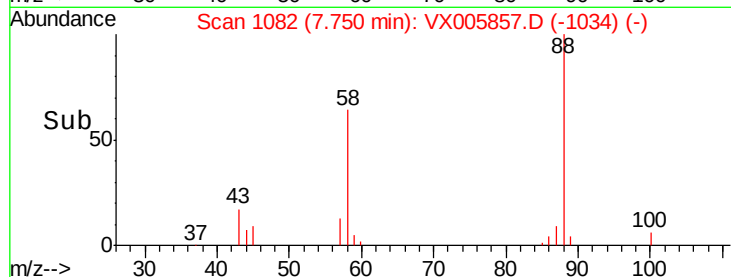
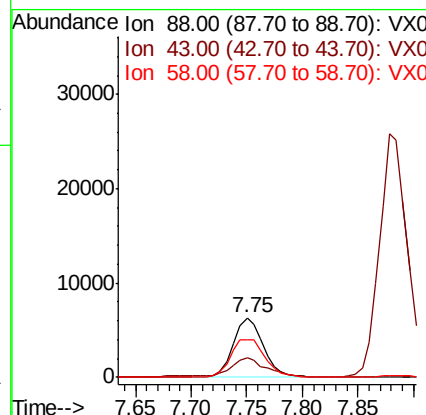
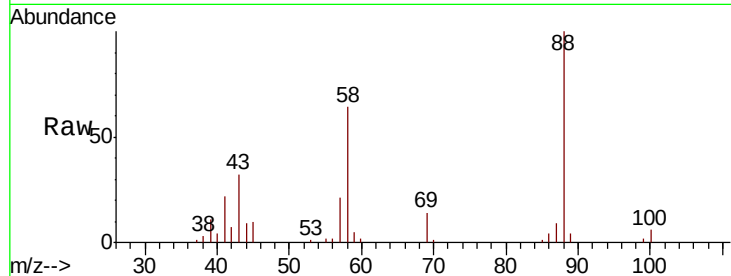
#49
1,4-Dioxane
Concen: 435.804 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	27.4	41.0
58	73.1	59.4	89.2

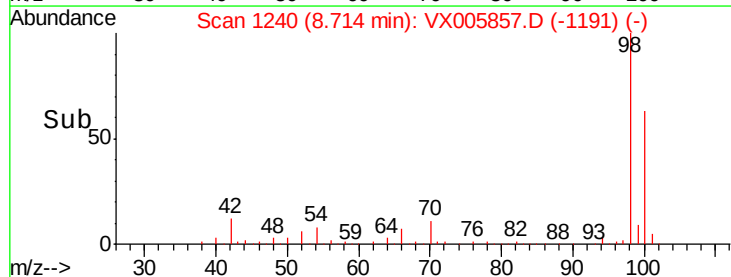
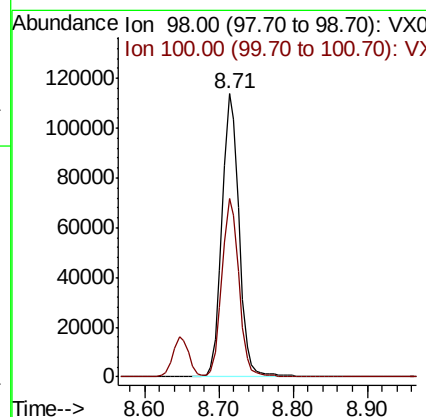
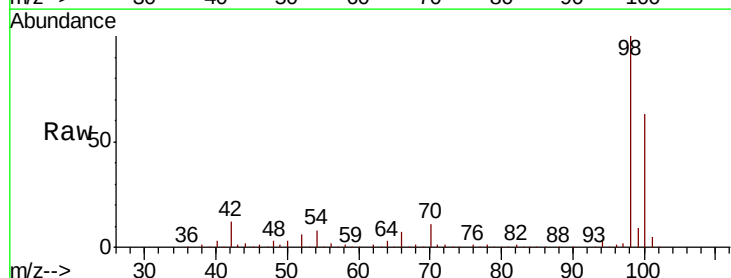
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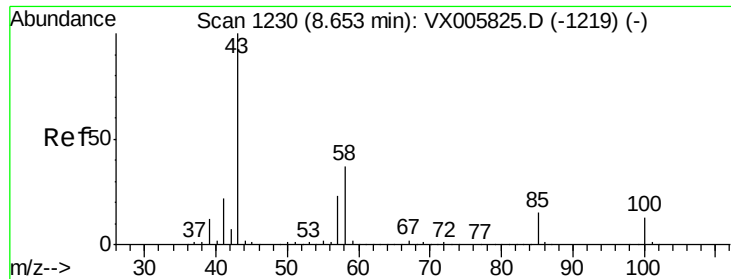
MMDadoda
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#50
Toluene-d8
Concen: 51.795 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.3	76.9





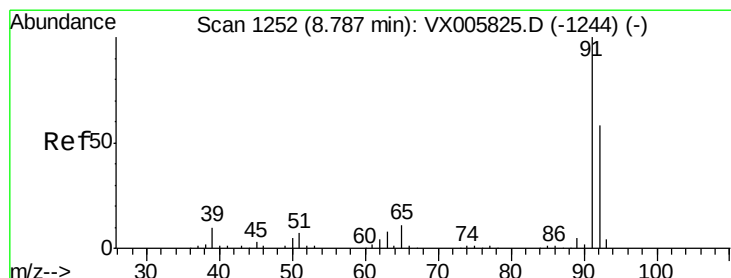
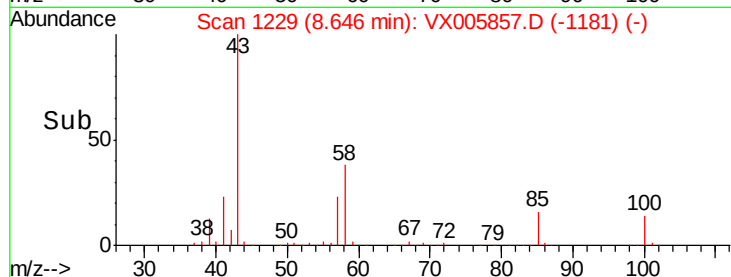
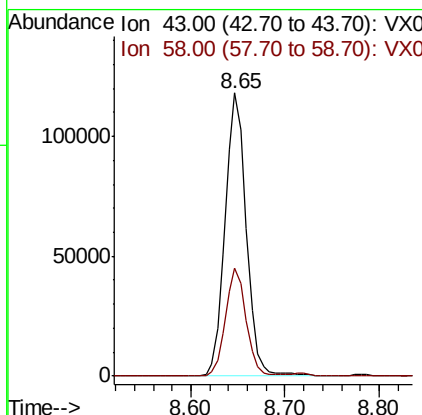
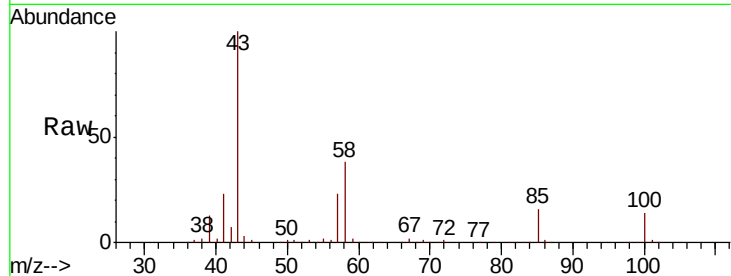
#51
4-Methyl-2-Pentanone
Concen: 104.106 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.7	44.5

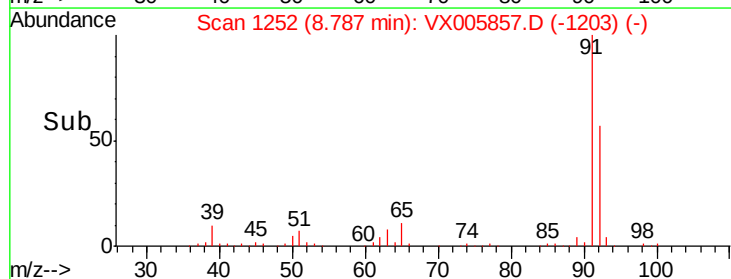
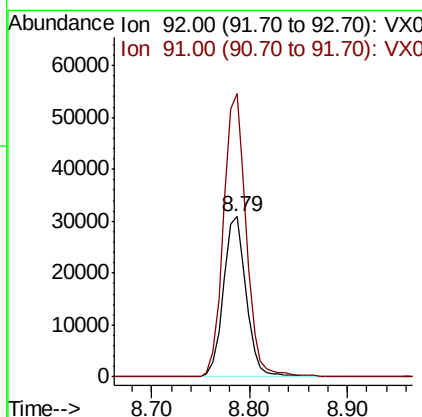
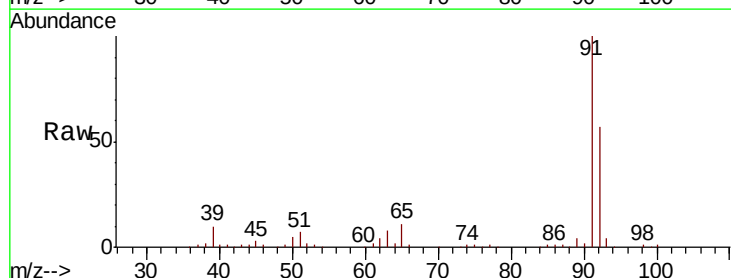
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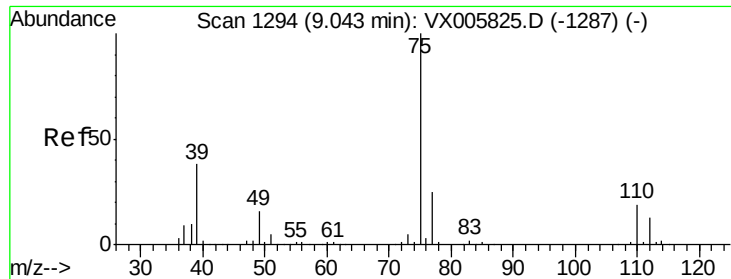
MMDadoda
11/12/2018 9:11:45 AM



#52
Toluene
Concen: 20.797 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.9	140.4	210.6





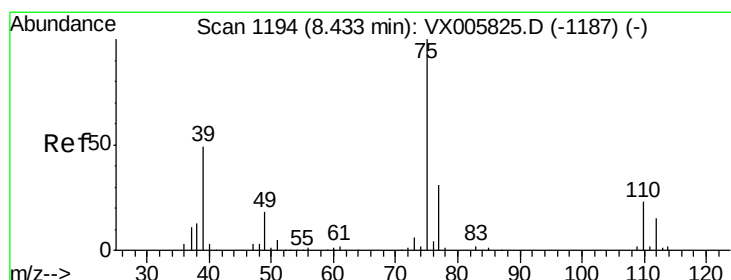
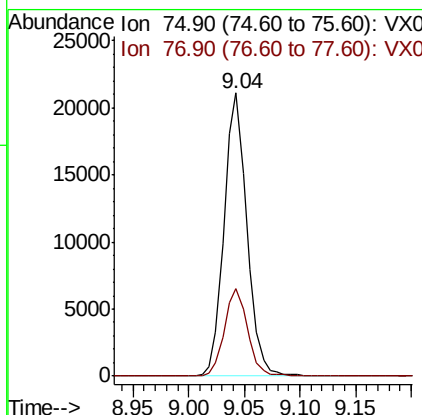
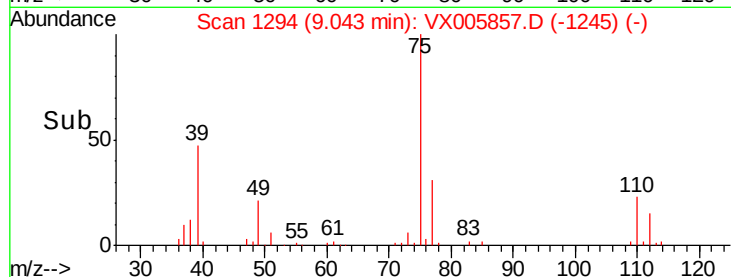
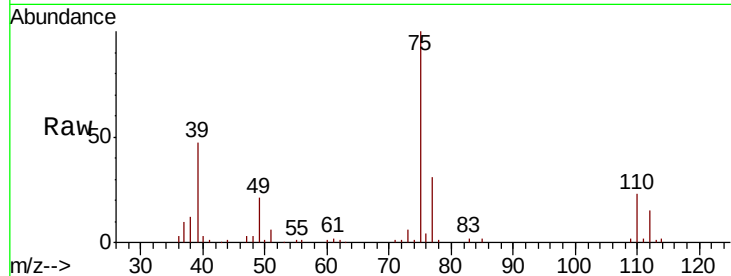
#53
t-1,3-Dichloropropene
Concen: 20.532 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion: 75 Resp: 30046
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

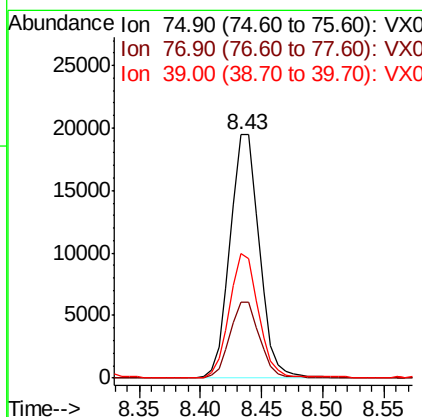
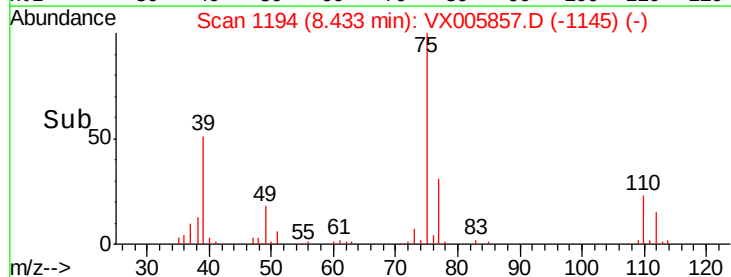
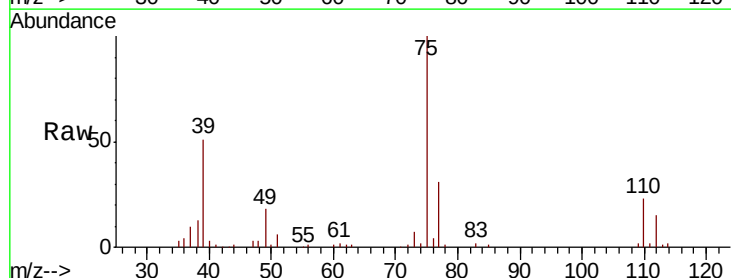
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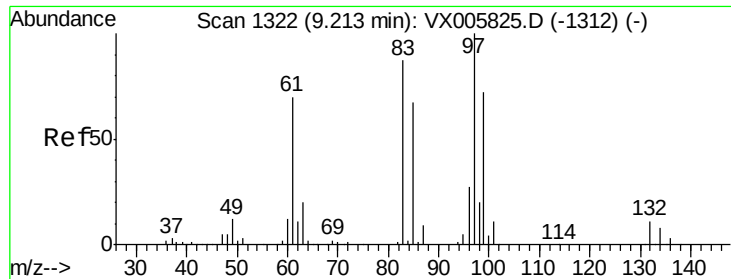
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.709 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion: 75 Resp: 32381
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 51.1 38.2 57.2





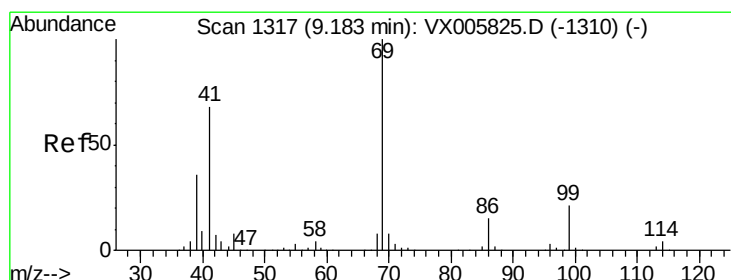
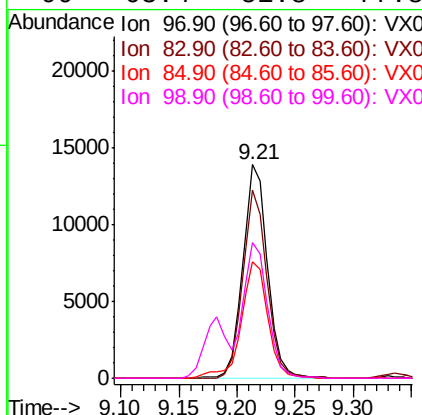
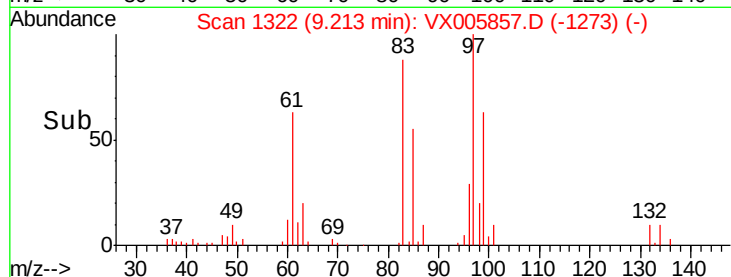
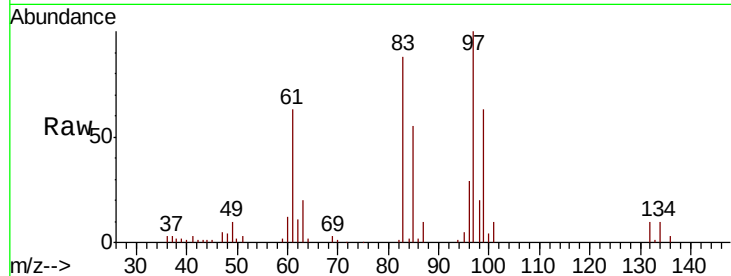
#55
 1,1,2-Trichloroethane
 Concen: 19.178 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion:	97	Resp:	20580
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.7	106.1
85	54.8	45.8	68.6
99	63.4	51.8	77.8

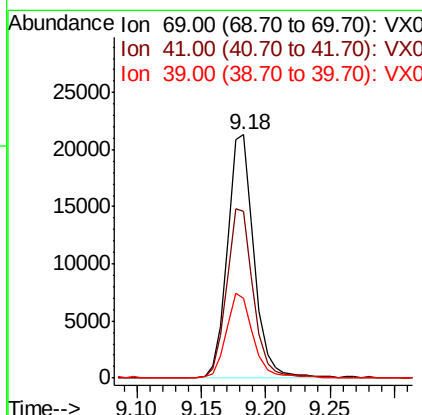
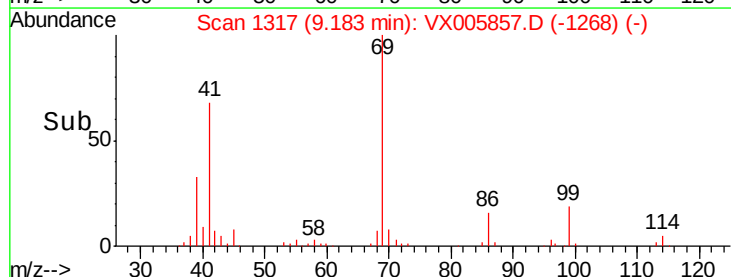
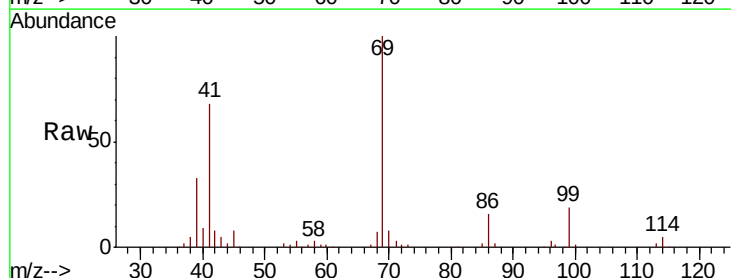
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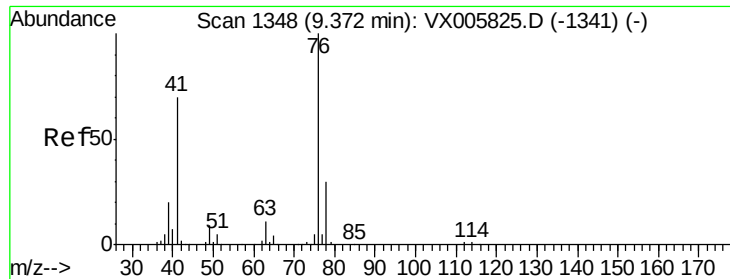
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 11/12/2018 9:11:45 AM



#56
 Ethyl methacrylate
 Concen: 19.262 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion:	69	Resp:	30927
Ion	Ratio	Lower	Upper
69	100		
41	70.7	57.0	85.6
39	35.5	28.3	42.5





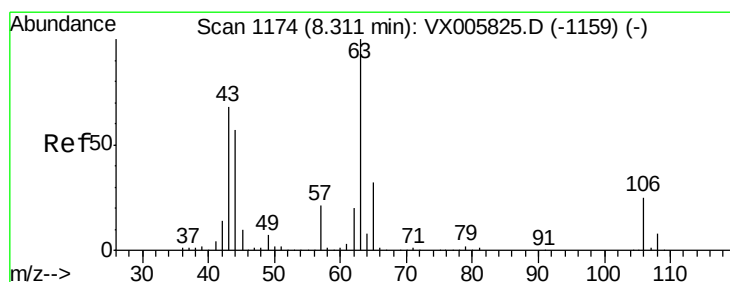
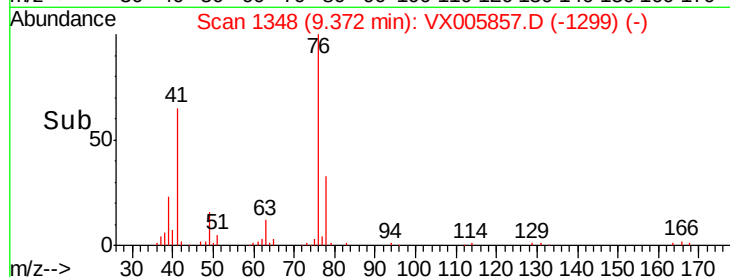
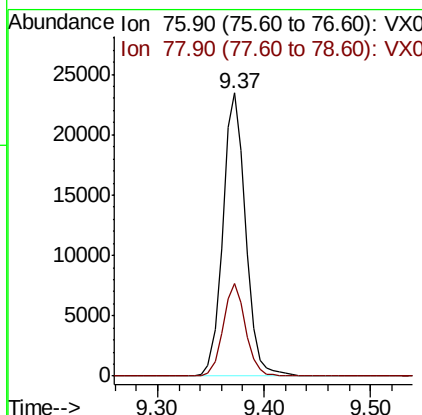
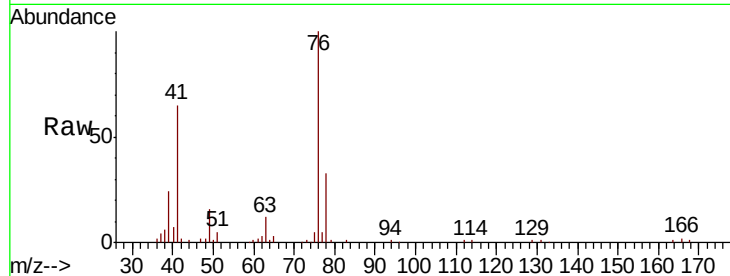
#57
 1,3-Dichloropropane
 Concen: 19.398 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion: 76 Resp: 34981
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.3 37.9

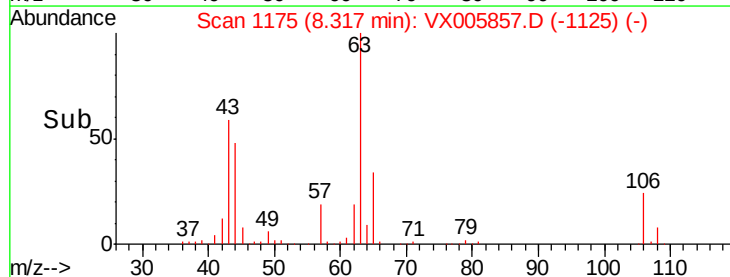
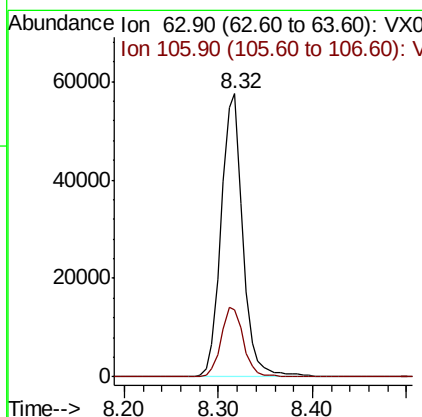
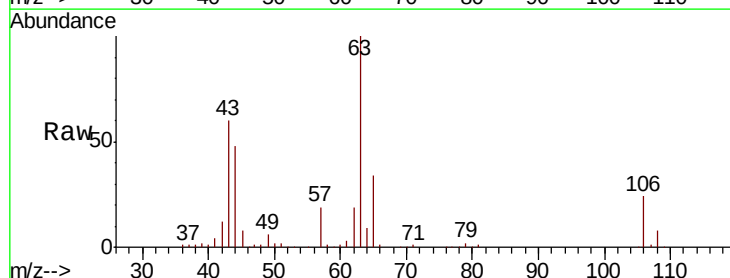
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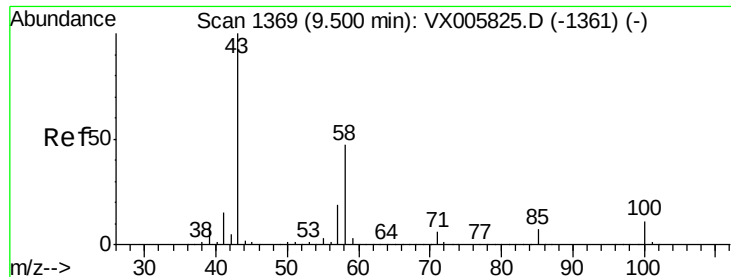
MMDadoda
 11/12/2018 9:11:45 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.998 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion: 63 Resp: 92043
 Ion Ratio Lower Upper
 63 100
 106 25.5 21.3 31.9





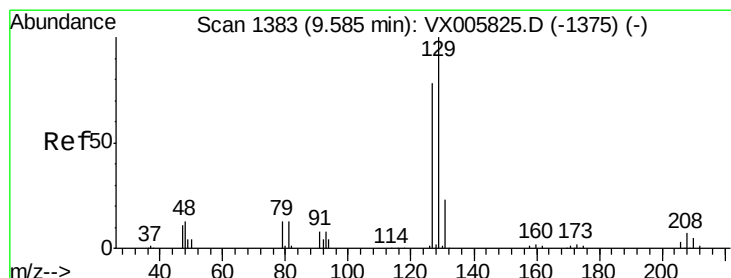
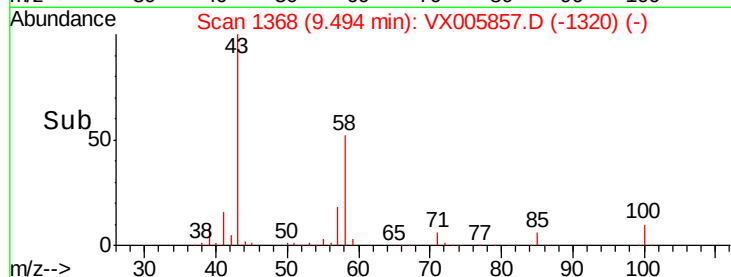
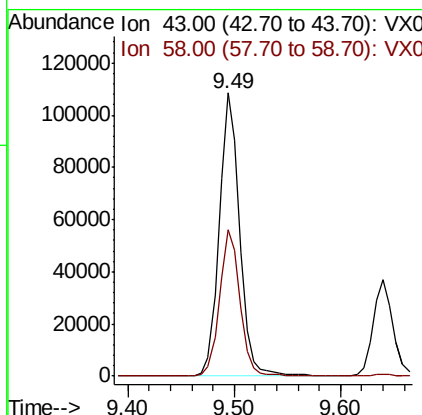
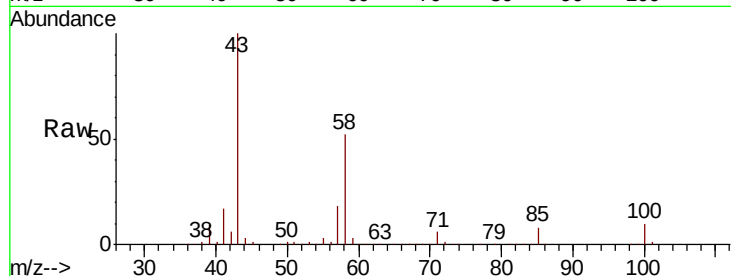
#59
2-Hexanone
Concen: 92.738 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion: 43 Resp: 145073
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8

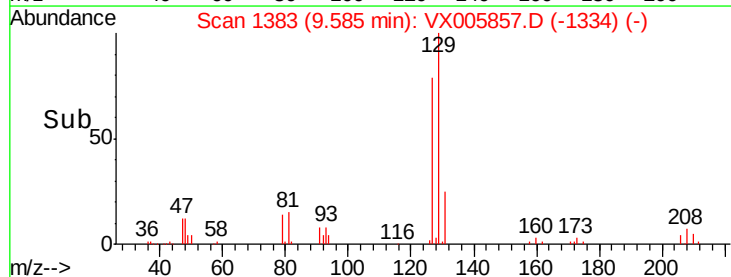
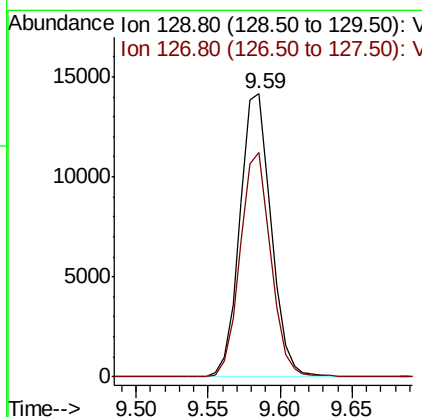
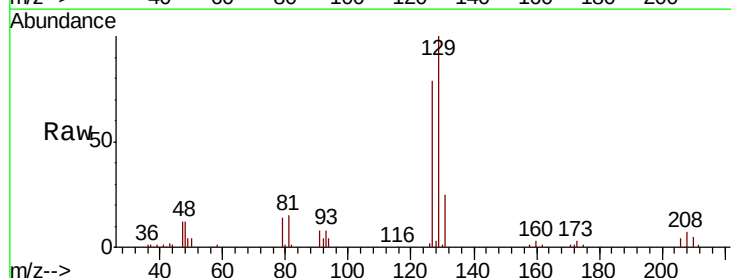
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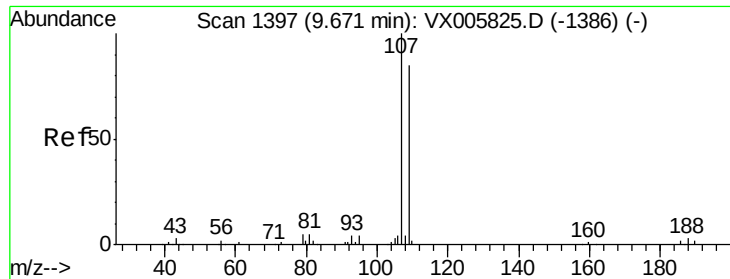
MMDadoda
11/12/2018 9:11:45 AM



#60
Dibromochloromethane
Concen: 18.326 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion: 129 Resp: 21253
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





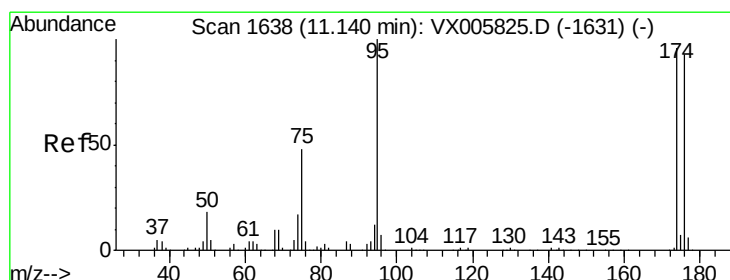
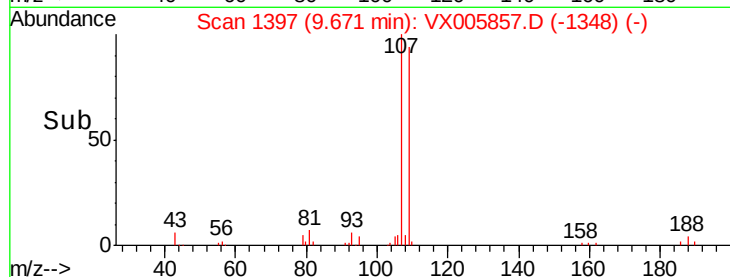
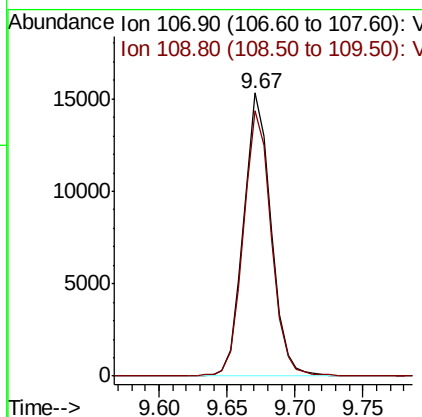
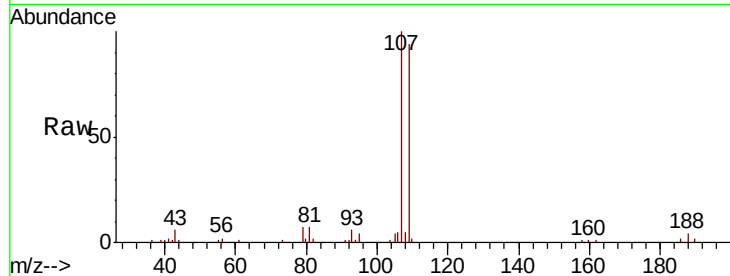
#61
 1,2-Dibromoethane
 Concen: 18.251 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion: 107 Resp: 21656
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.7 113.5

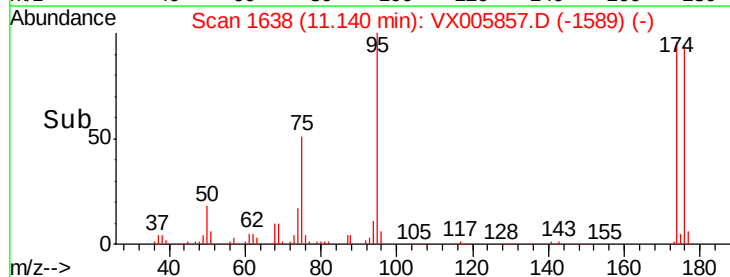
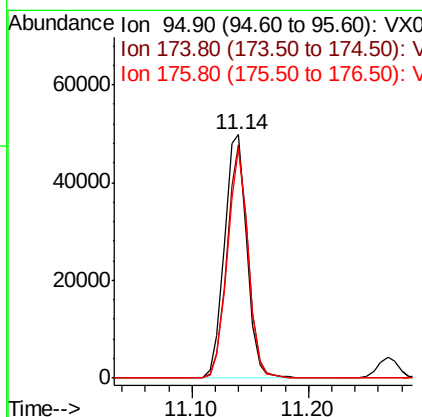
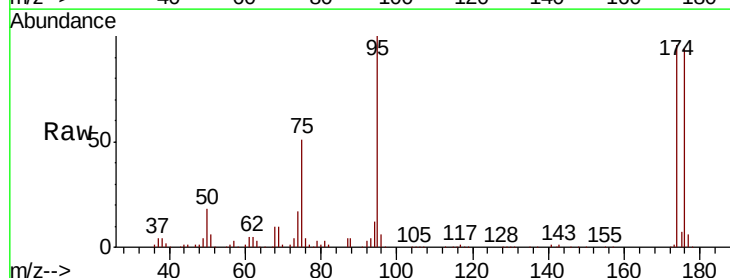
Manual Integrations
 APPROVED

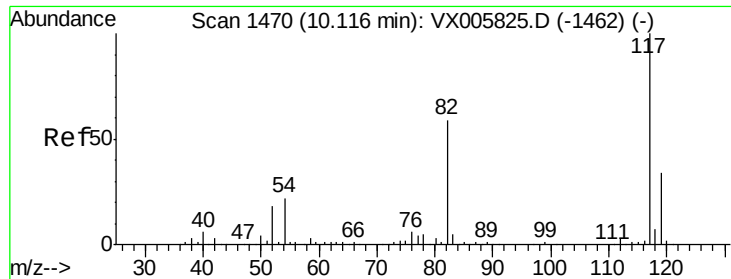
MMDadoda
 11/12/2018 9:11:45 AM



#62
 4-Bromofluorobenzene
 Concen: 53.040 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion: 95 Resp: 66103
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 184.4
 176 87.7 0.0 177.4





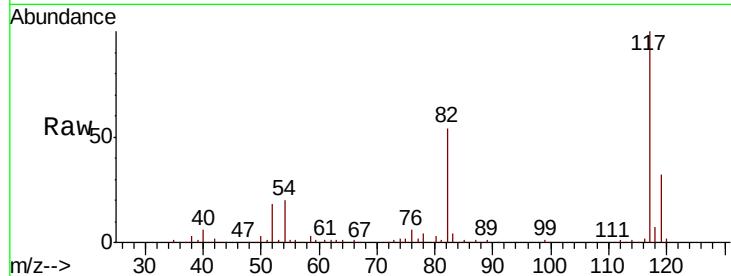
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.1	66.1
119	31.9	26.2	39.2

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MMDadoda
11/12/2018 9:11:45 AM

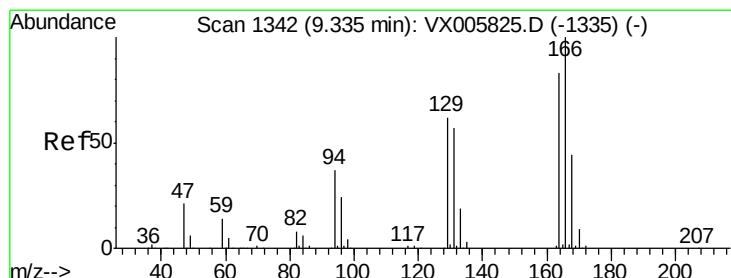
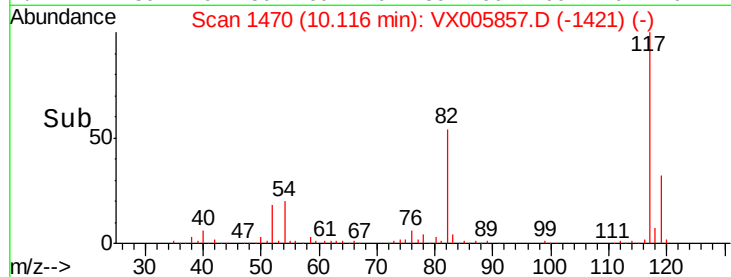
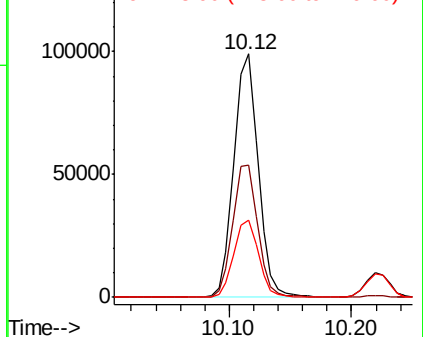


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.758 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	101.9	152.9
129	89.9	72.6	109.0
131	86.6	71.1	106.7

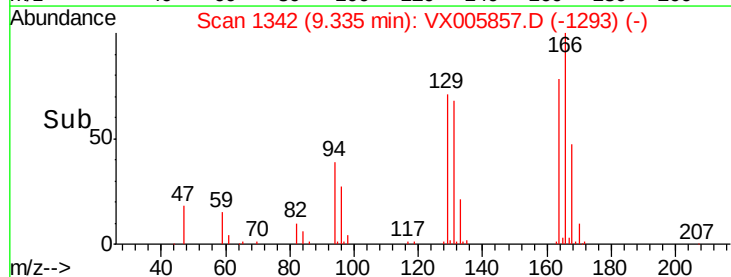
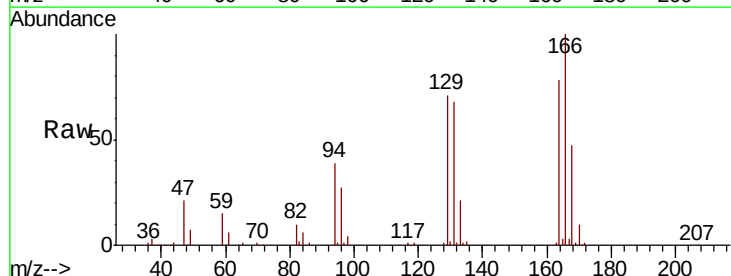
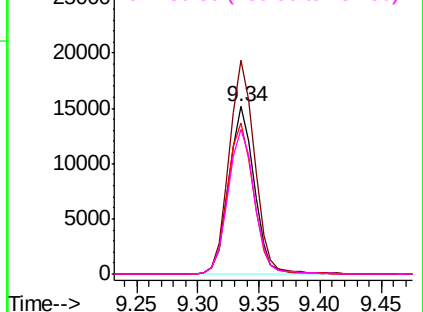
Abundance

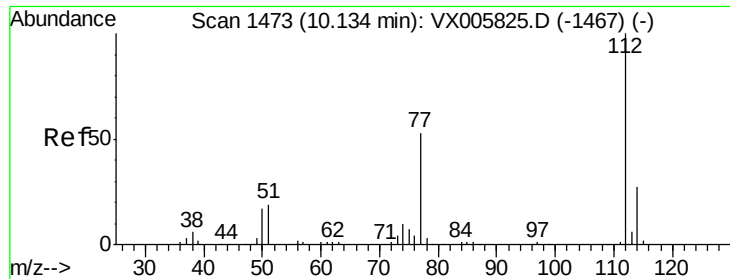
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





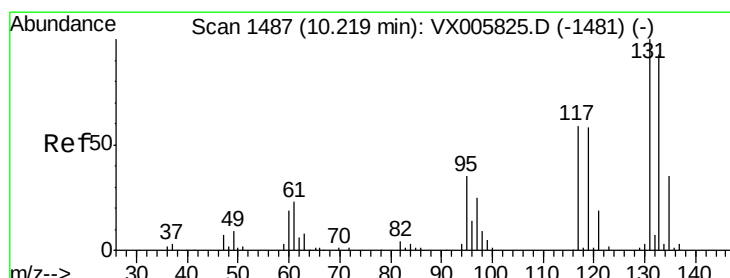
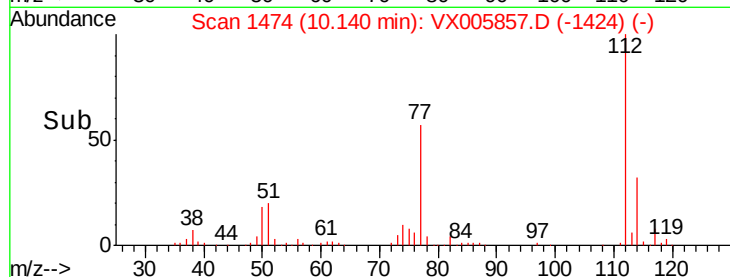
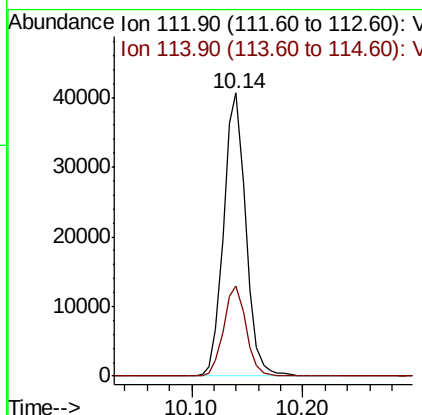
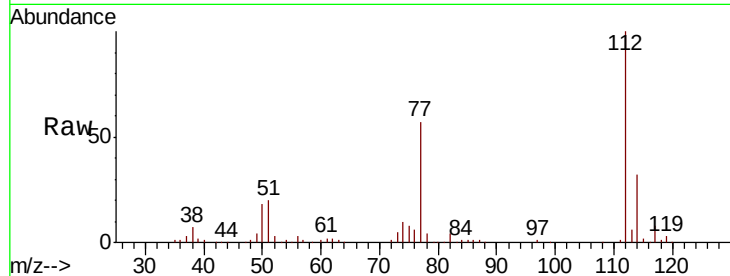
#65
Chlorobenzene
Concen: 20.539 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion:112 Resp: 56109
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

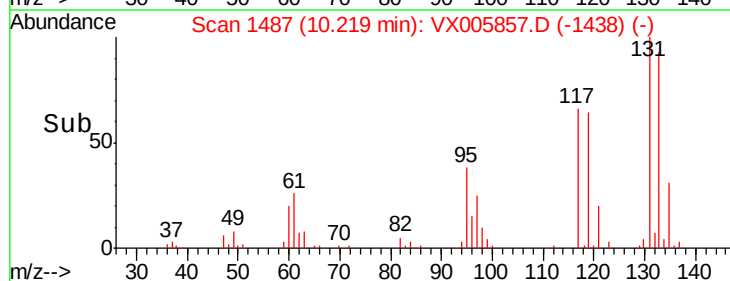
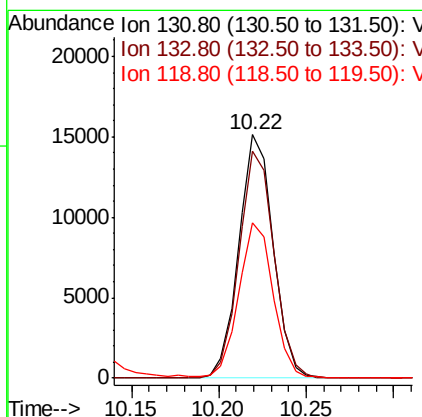
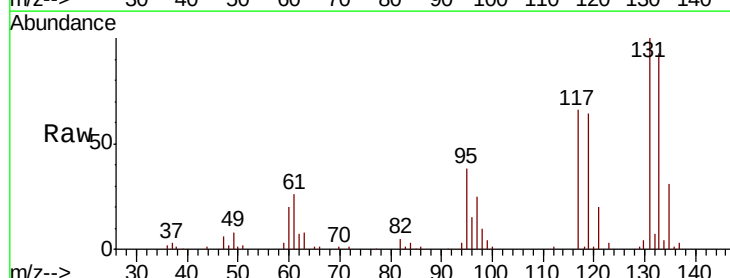
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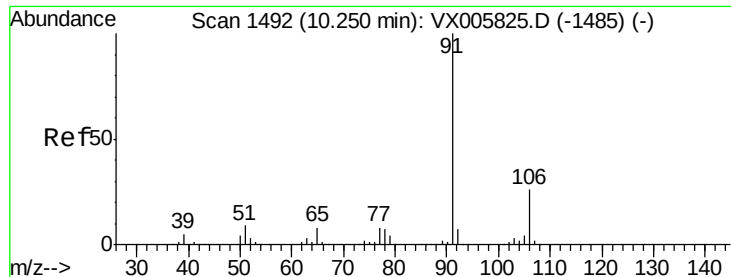
MMDadoda
11/12/2018 9:11:45 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.728 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion:131 Resp: 20636
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 64.3 31.8 95.3





#67

Ethyl Benzene

Concen: 21.480 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion: 91 Resp: 94095

Ion Ratio Lower Upper

91 100

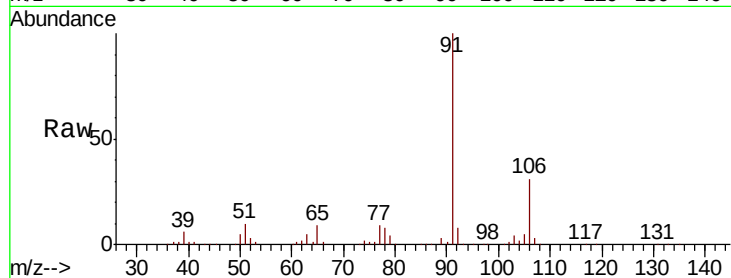
106 30.9 24.4 36.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

120000

100000

80000

60000

40000

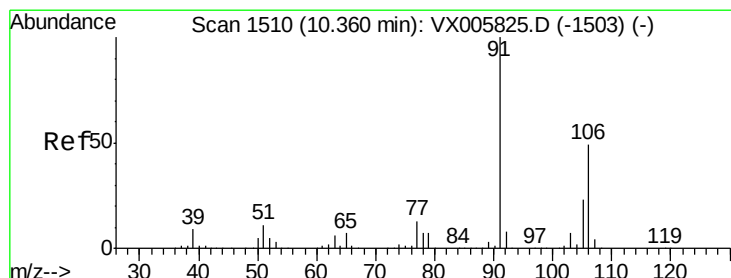
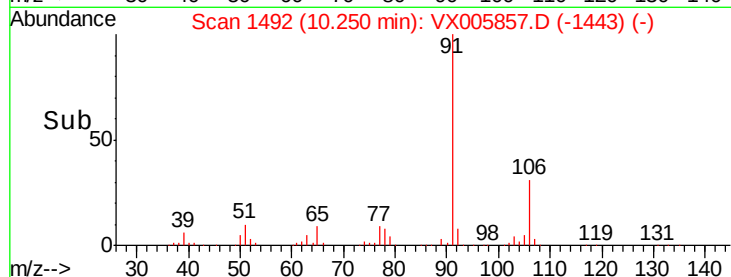
20000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 44.236 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005857.D

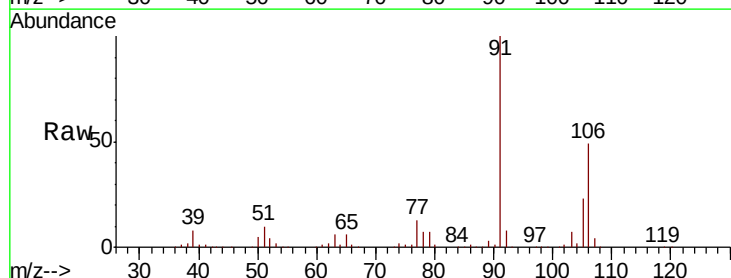
Acq: 09 Nov 2018 13:19

Tgt Ion:106 Resp: 73915

Ion Ratio Lower Upper

106 100

91 203.7 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

60000

40000

20000

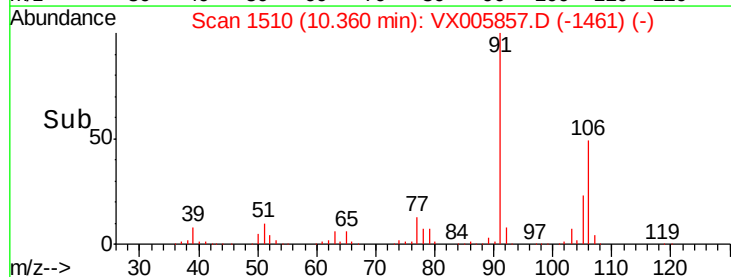
0

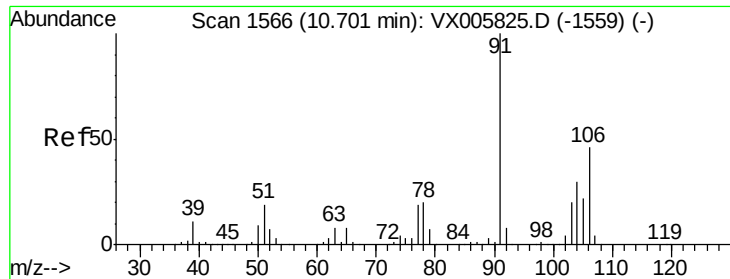
10.30

10.40

10.50

Time-->





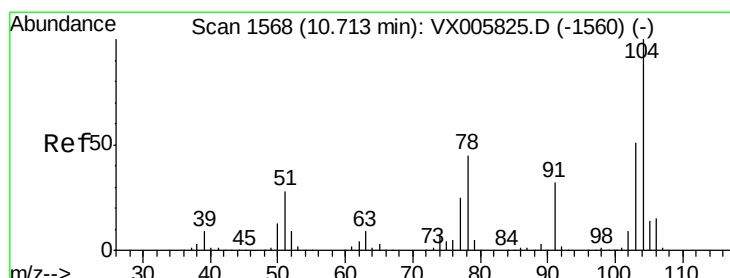
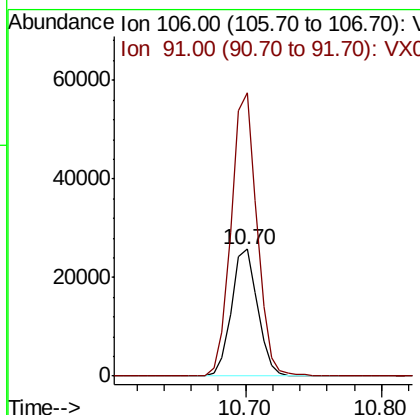
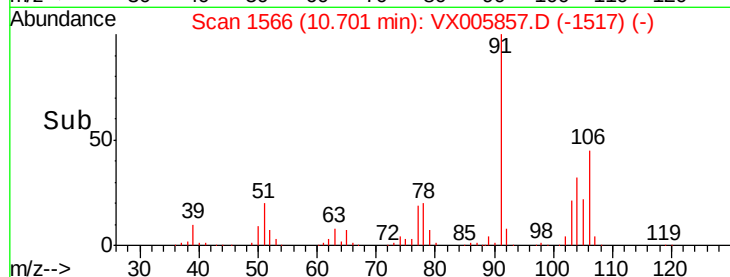
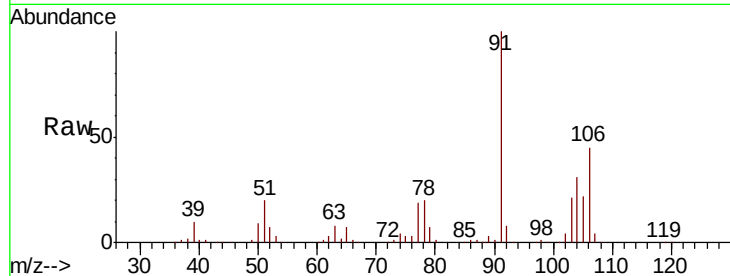
#69
o-Xylene
Concen: 23.087 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion:106 Resp: 34592
Ion Ratio Lower Upper
106 100
91 220.1 108.5 325.5

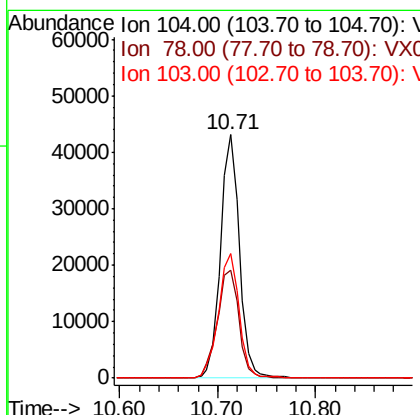
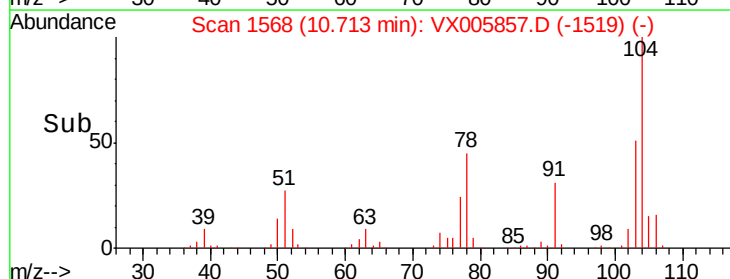
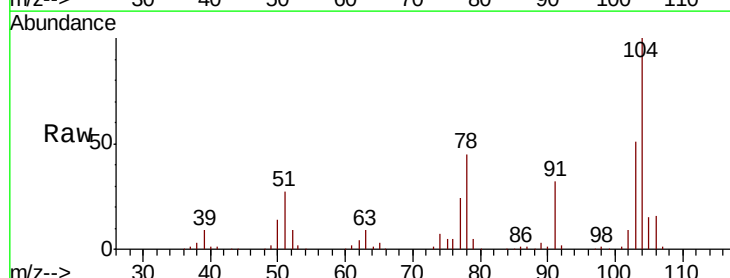
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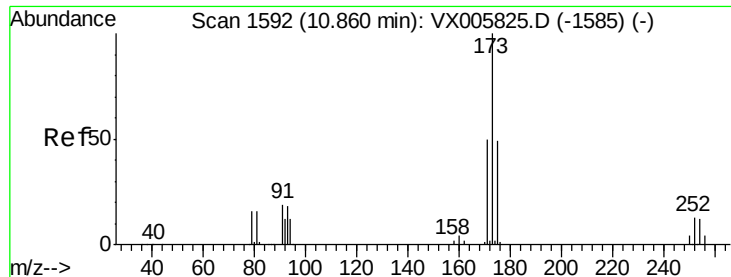
MMDadoda
11/12/2018 9:11:45 AM



#70
Styrene
Concen: 23.469 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion:104 Resp: 58008
Ion Ratio Lower Upper
104 100
78 51.1 40.2 60.4
103 55.9 44.9 67.3





#71

Bromoform

Concen: 22.235 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

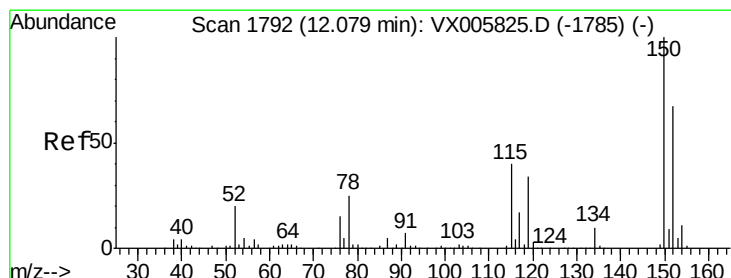
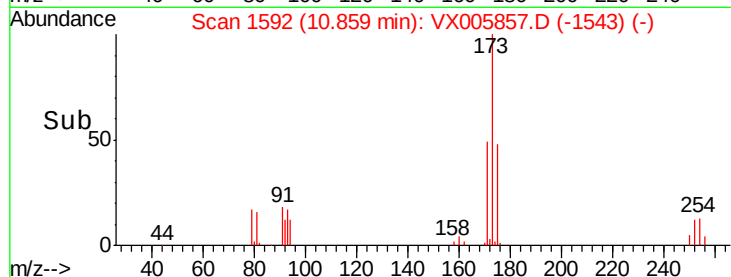
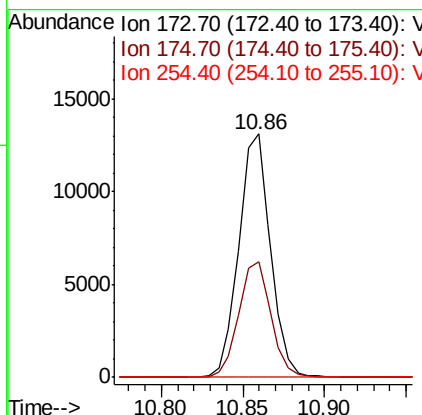
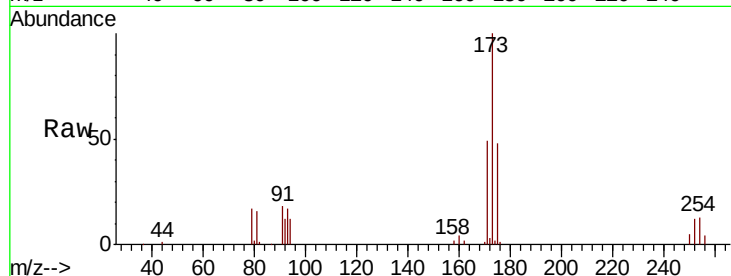
ClientSampleId :

VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.8	74.3
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

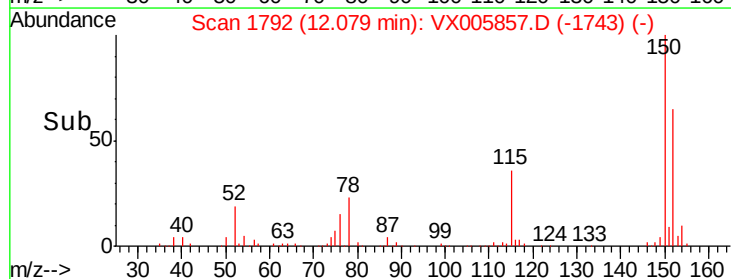
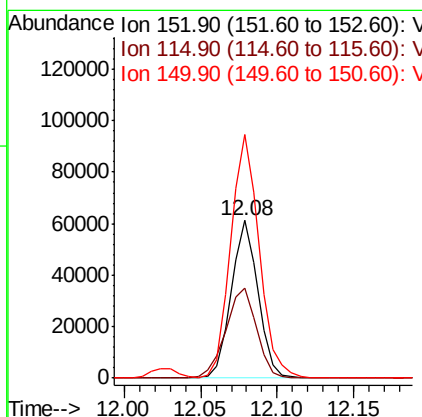
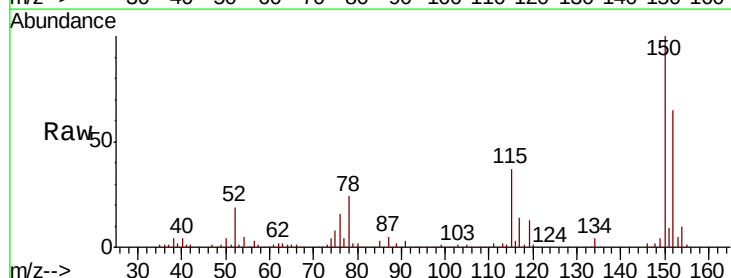
RT: 12.08 min Scan# 1792

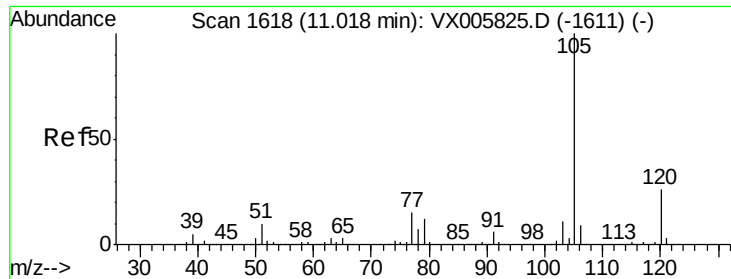
Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.6	39.4	118.1
150	164.5	0.0	346.4





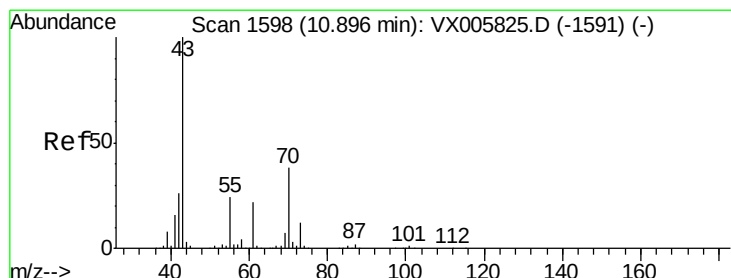
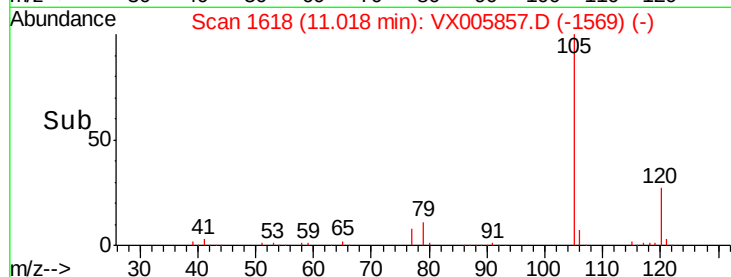
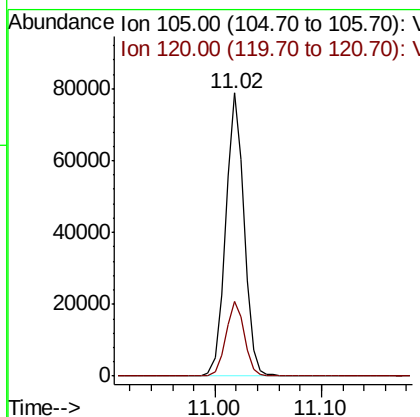
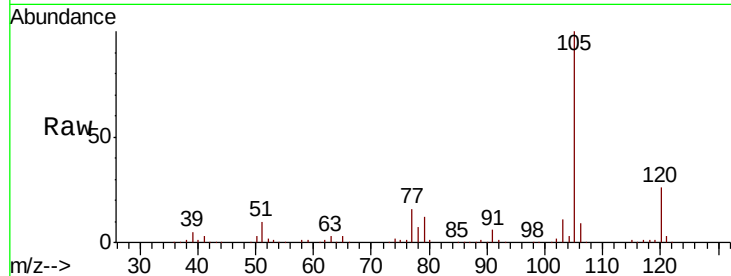
#73
Isopropylbenzene
Concen: 22.296 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.1	39.3

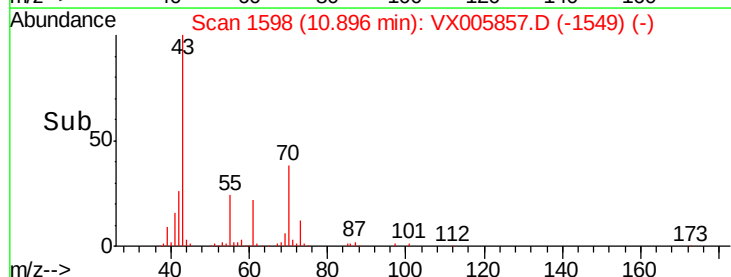
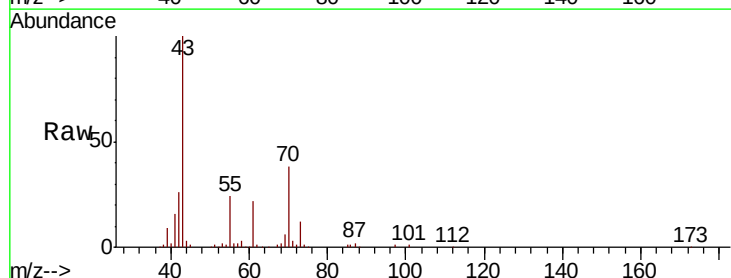
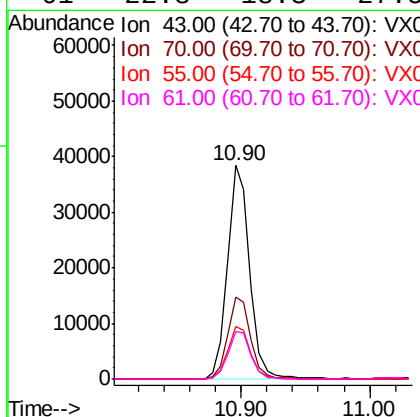
Manual Integrations
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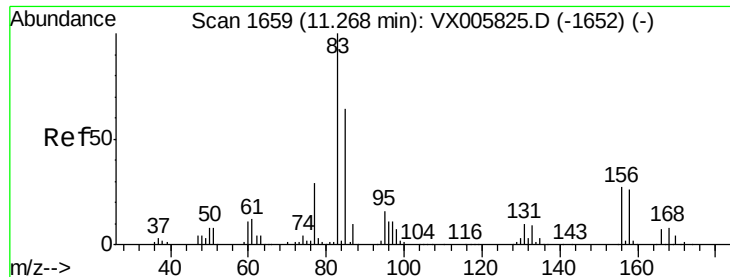
MMDadoda
11/12/2018 9:11:45 AM



#74
N-ethyl acetate
Concen: 20.145 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.2	31.6	47.4
55	25.5	19.7	29.5
61	22.8	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.253 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

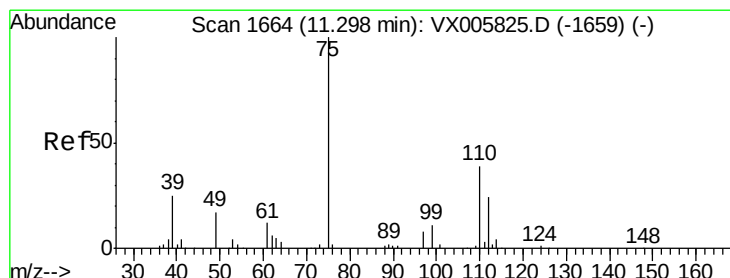
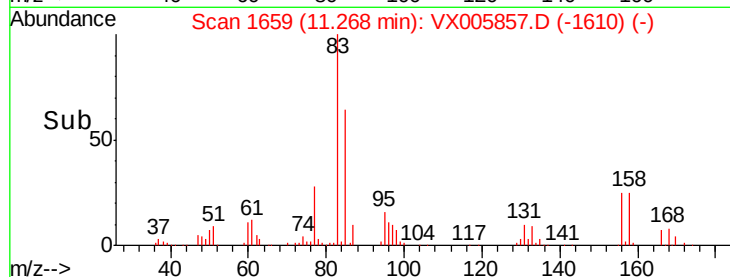
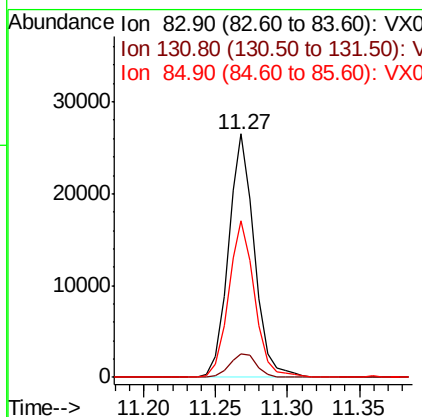
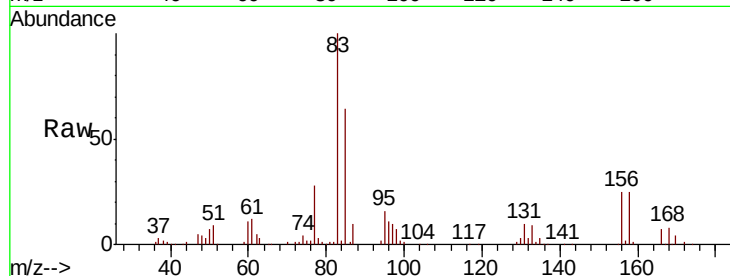
ClientSampleId :

VX1109WBSD01

Tot Ion:	83	Resp:	33381
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.9
85	64.6	32.0	96.2

Manual Integrations
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11/12/2018 9:11:45 AM



#76

1,2,3-Trichloropropane

Concen: 21.973 ug/l m

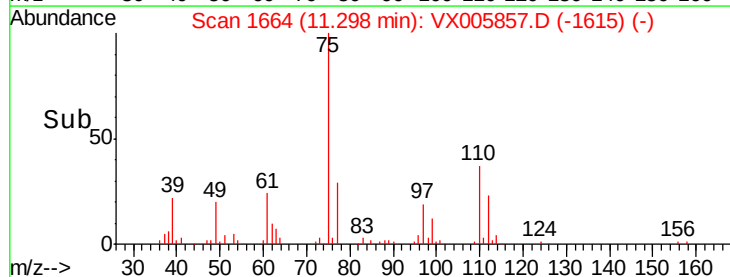
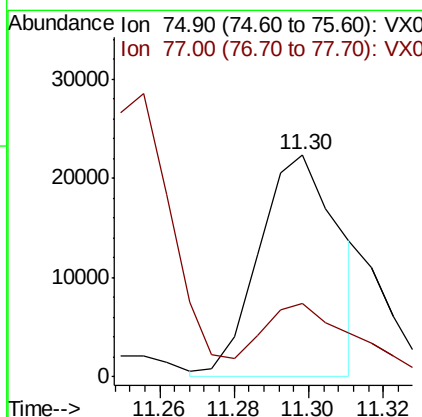
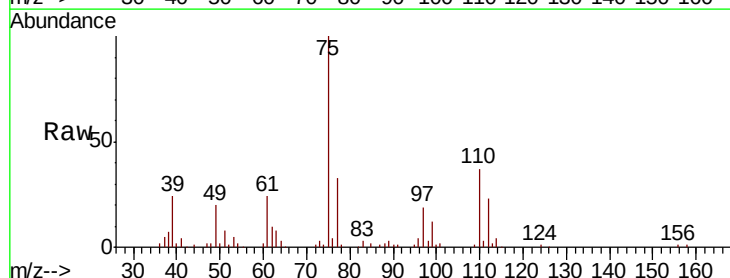
RT: 11.30 min Scan# 1664

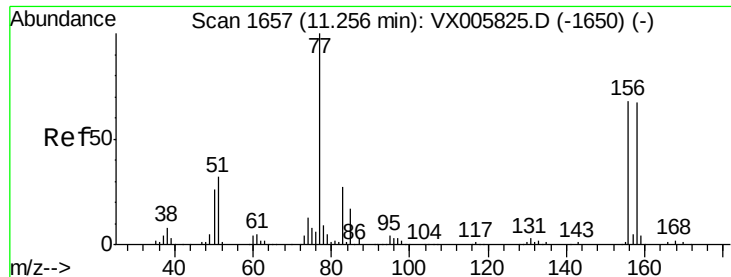
Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Tgt Ion:	75	Resp:	33108
Ion Ratio	Lower	Upper	
75	100		
77	38.2	20.5	61.6





#77

Bromobenzene

Concen: 21.004 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

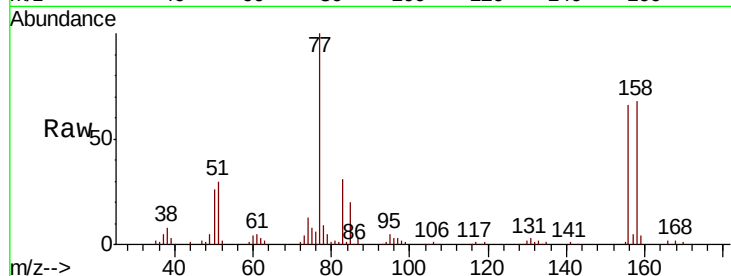
ClientSampleId :

VX1109WBSD01

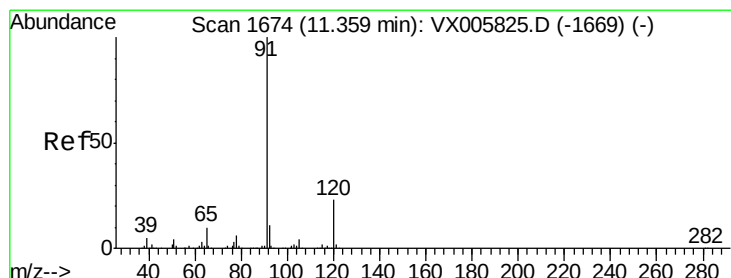
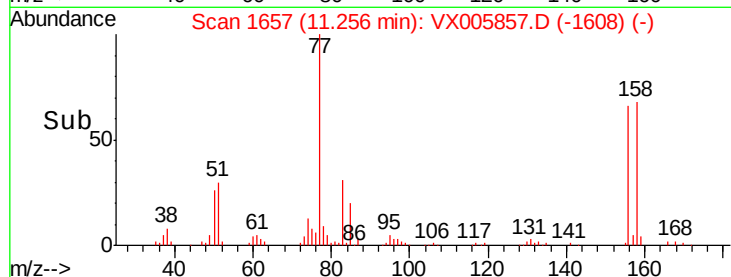
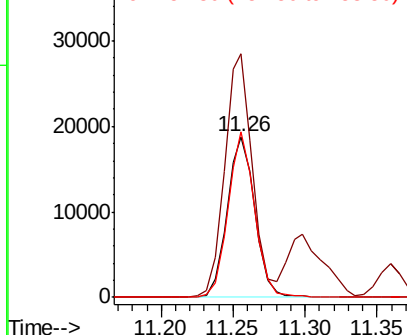
Tot Ion:	156	Resp:	25334
Ion	Ratio	Lower	Upper
156	100		
77	152.3	74.8	224.4
158	98.9	49.1	147.3

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



#78

n-propylbenzene

Concen: 21.942 ug/l

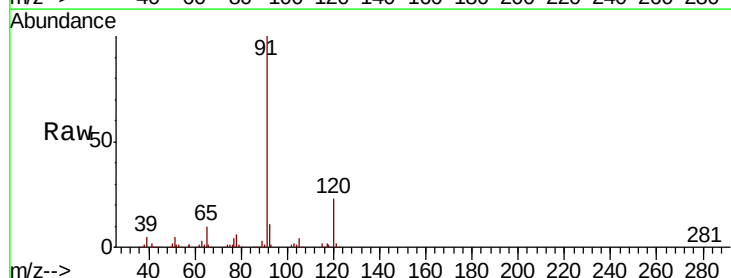
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

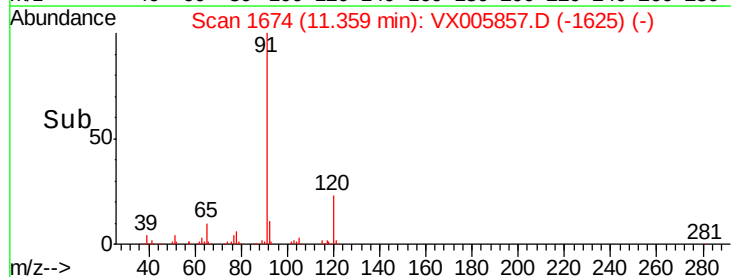
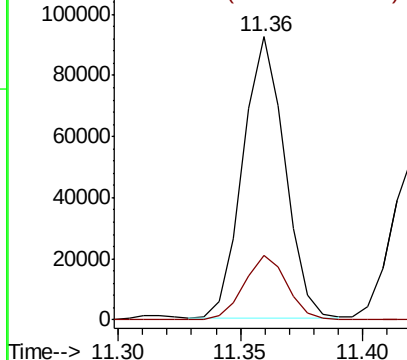
Lab File: VX005857.D

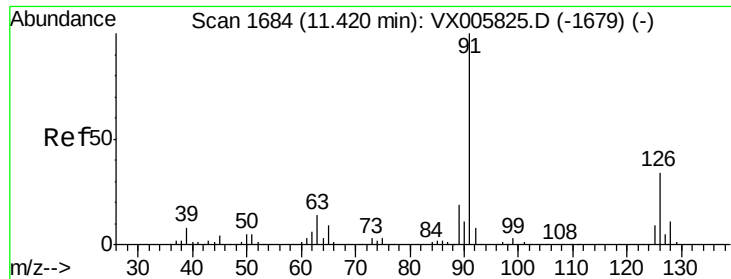
Acq: 09 Nov 2018 13:19

Tgt Ion:	91	Resp:	110656
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.5



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





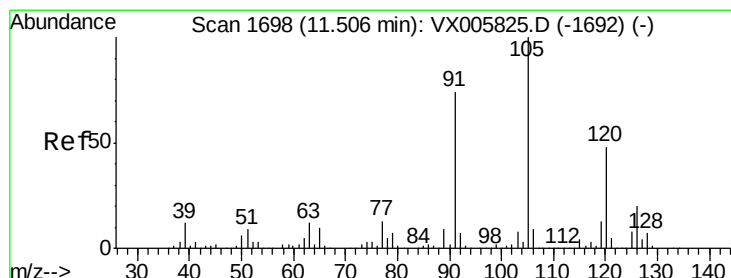
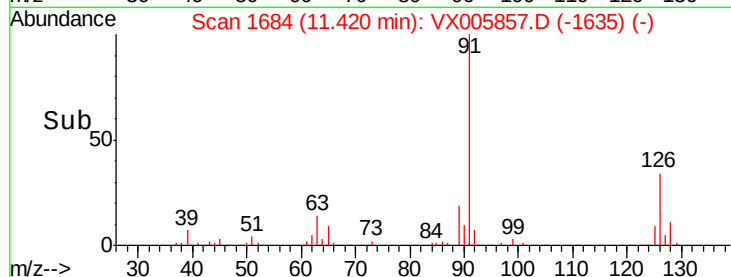
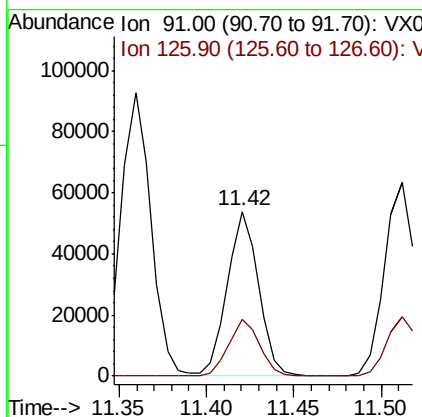
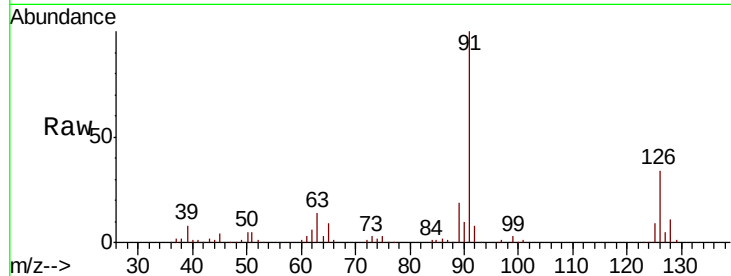
#79
2-Chlorotoluene
Concen: 21.800 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion: 91 Resp: 66452
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0

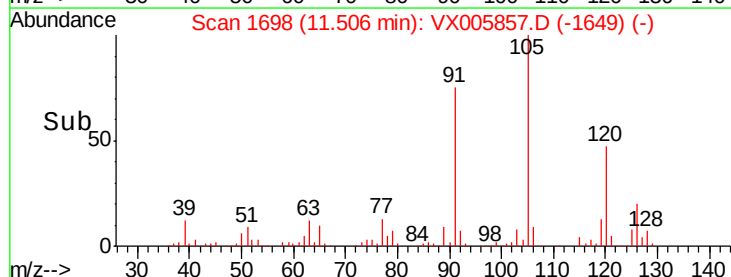
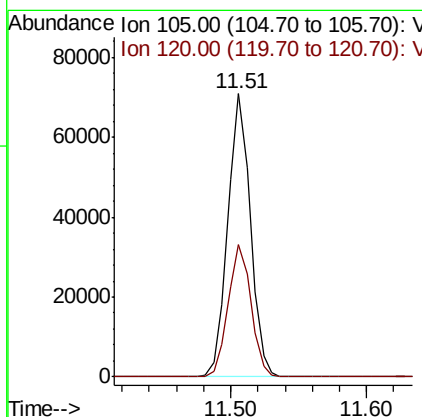
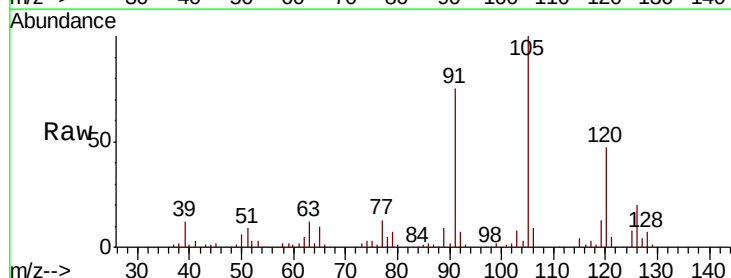
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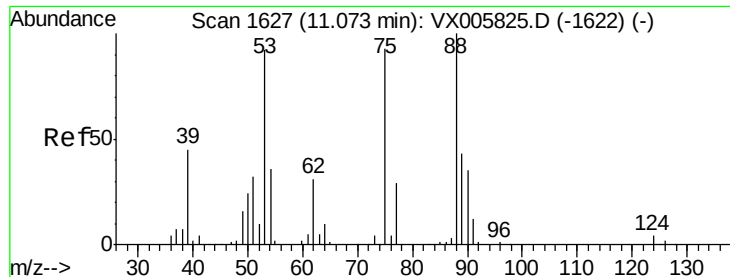
MMDadoda
11/12/2018 9:11:45 AM



#80
1,3,5-Trimethylbenzene
Concen: 22.453 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion: 105 Resp: 81649
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.2





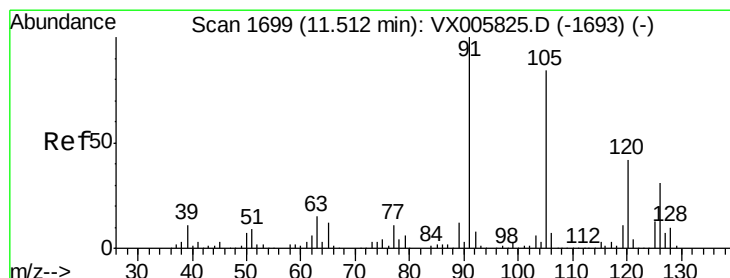
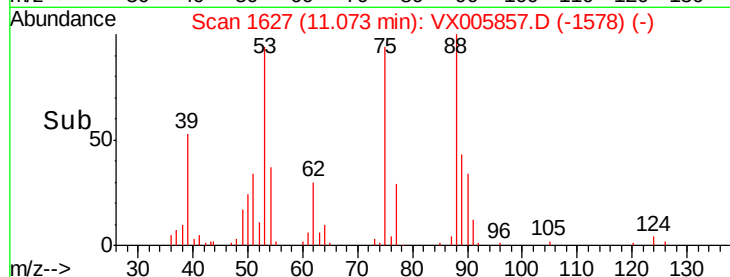
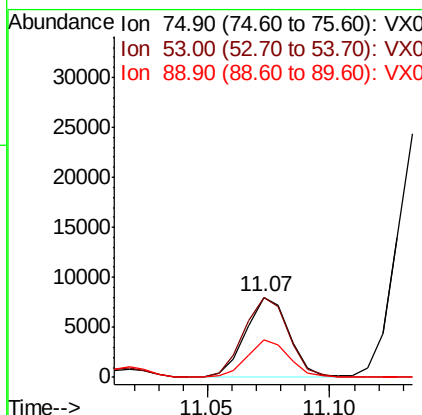
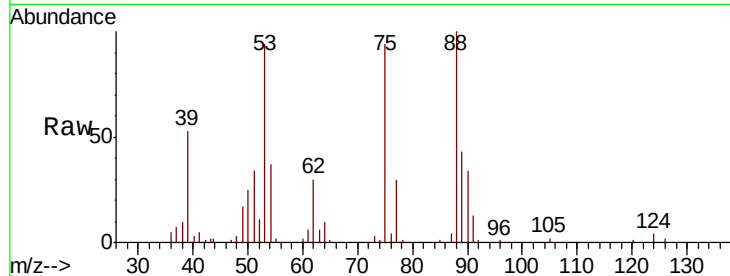
#81
trans-1,4-Dichloro-2-butene
Concen: 20.827 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.4	80.2	120.2
89	45.7	39.8	59.8

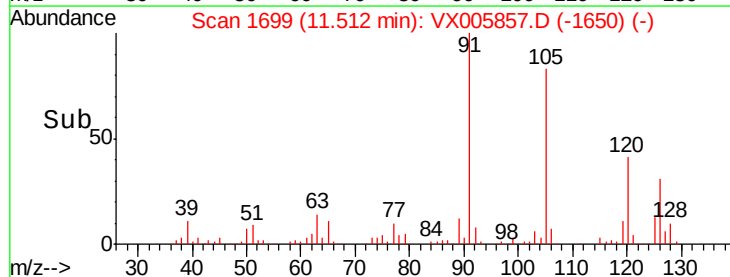
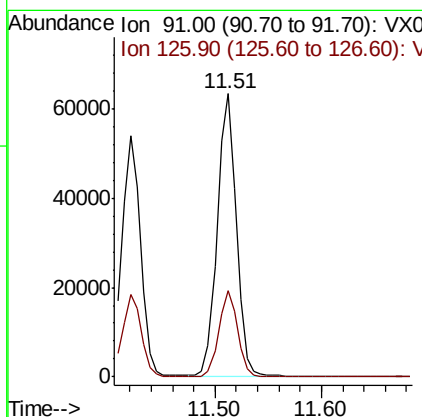
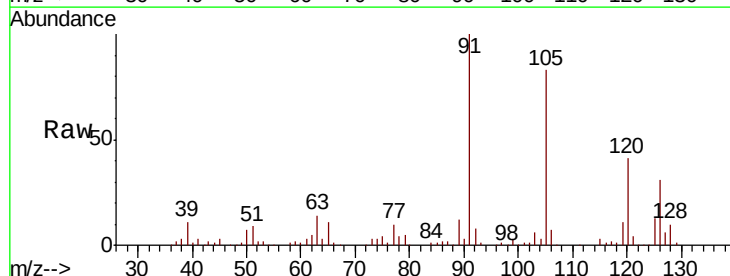
Manual Integrations
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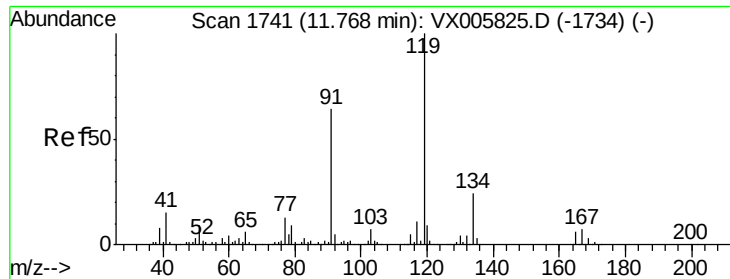
MMDadoda
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#82
4-Chlorotoluene
Concen: 22.048 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.2	45.6





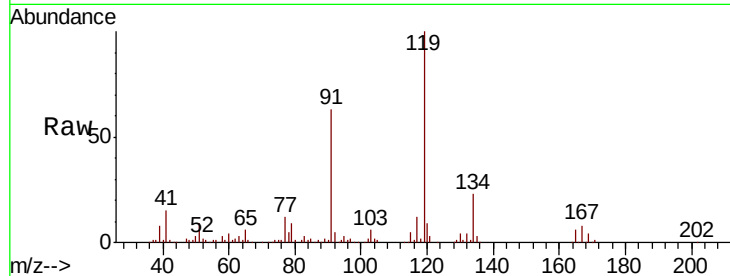
#83
 tert-Butylbenzene
 Concen: 21.709 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

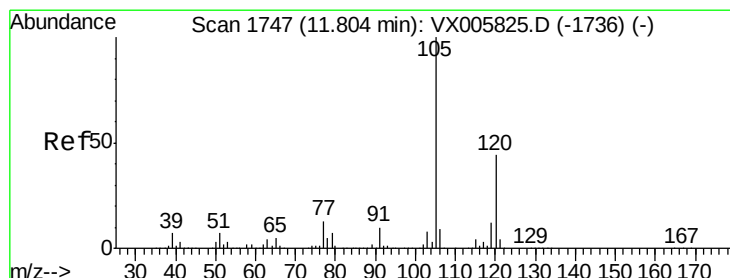
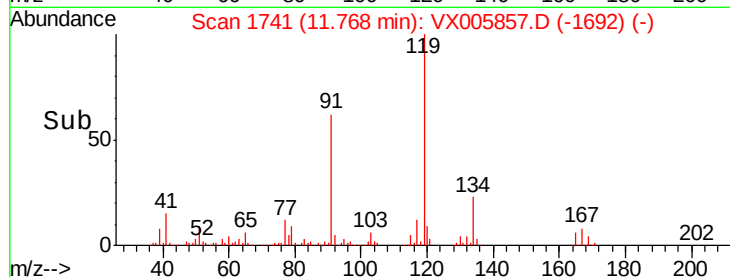
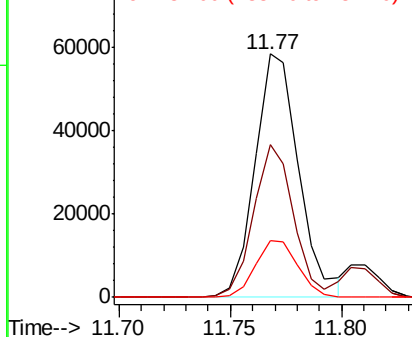
Tot Ion	Ratio	Resp	Lower	Upper
119	100	79866		
91	57.4		28.5	85.5
134	22.7		11.3	33.8

Manual Integrations
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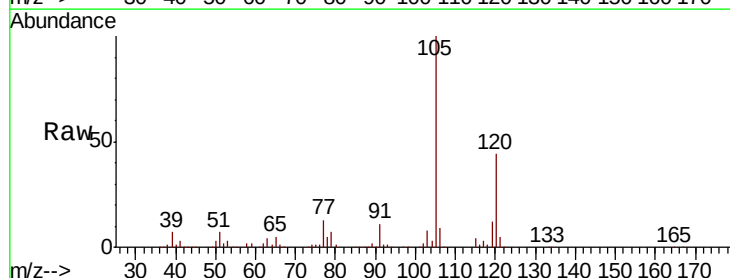


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

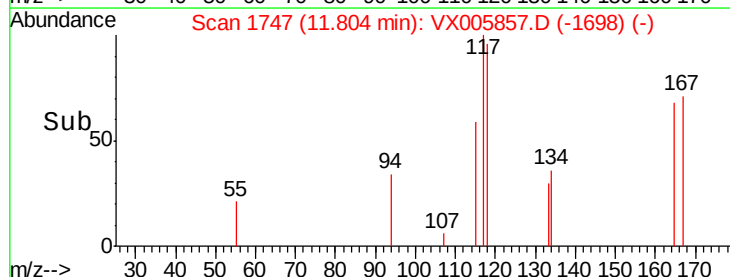
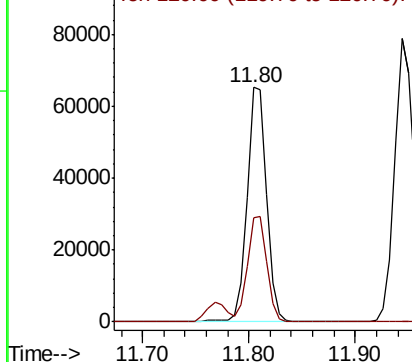


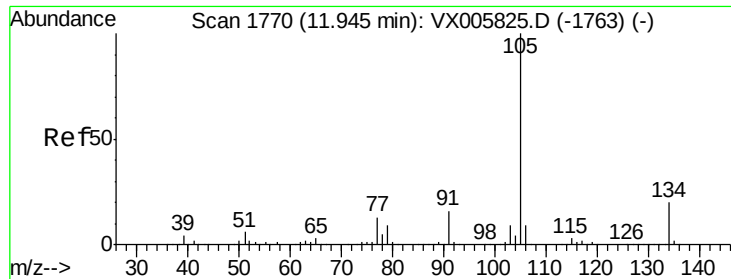
#84
 1,2,4-Trimethylbenzene
 Concen: 20.804 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	83772		
120	44.4		22.4	67.0



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





#85

sec-Butylbenzene

Concen: 21.497 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBSD01

Tot Ion:105 Resp: 96711

Ion Ratio Lower Upper

105 100

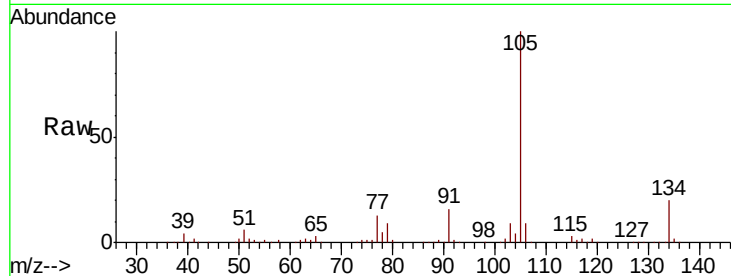
134 20.5 10.2 30.4

Manual Integrations

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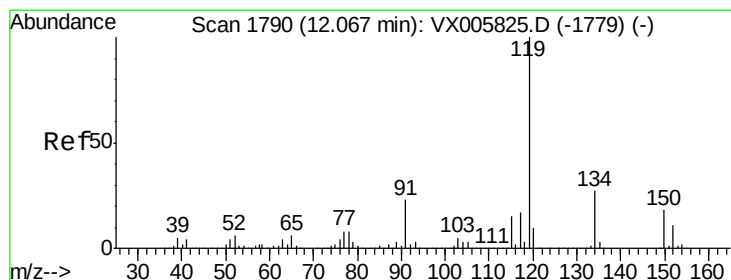
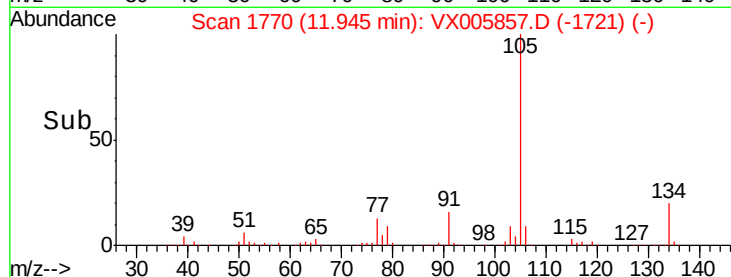
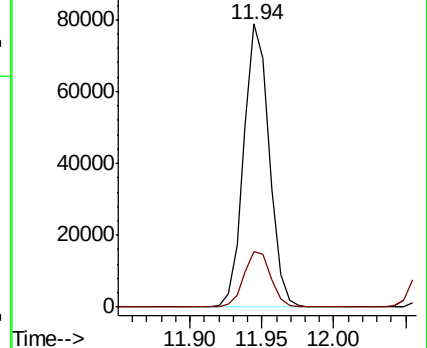
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.868 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005857.D

Acq: 09 Nov 2018 13:19

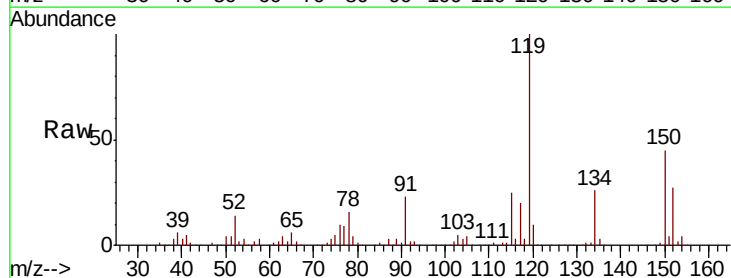
Tgt Ion:119 Resp: 87142

Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

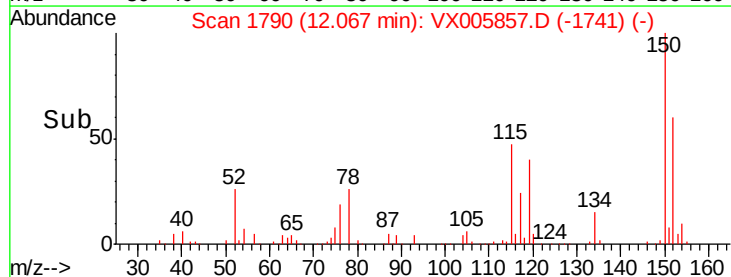
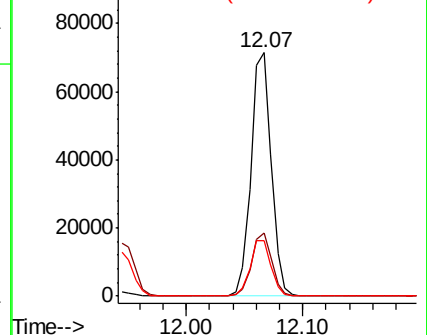
91 23.5 11.4 34.2

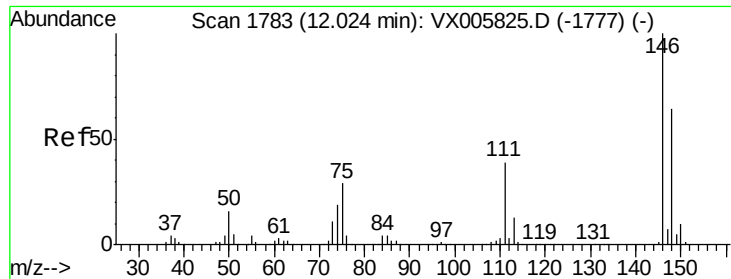


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





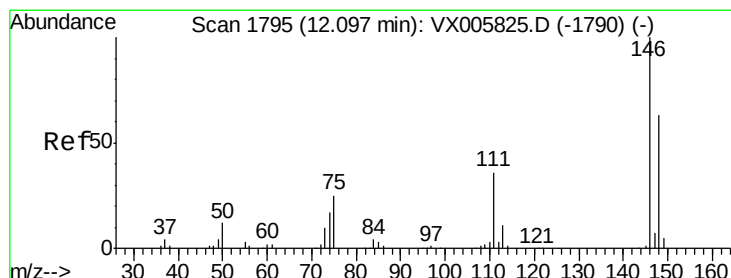
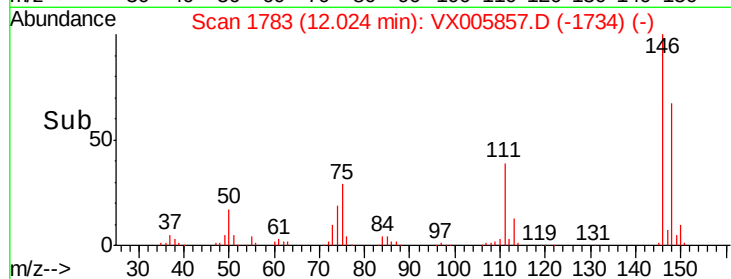
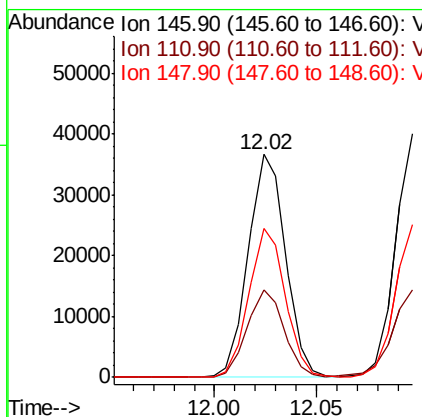
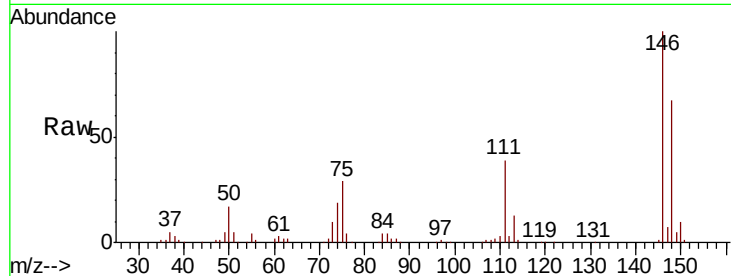
#87
 1,3-Dichlorobenzene
 Concen: 20.214 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.0	57.0
148	65.7	31.9	95.9

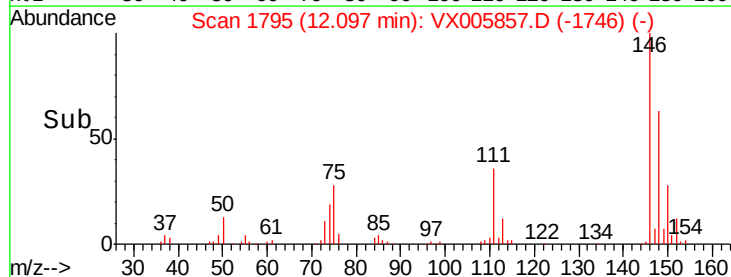
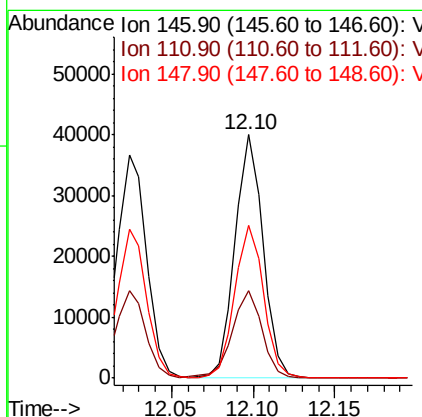
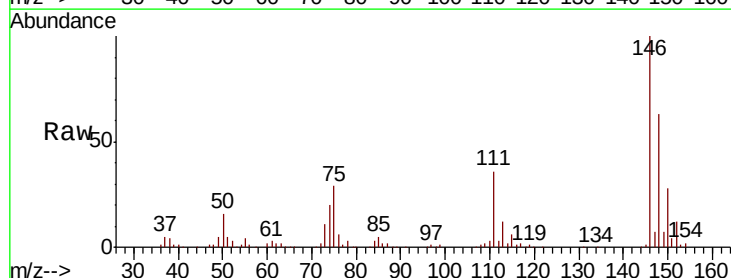
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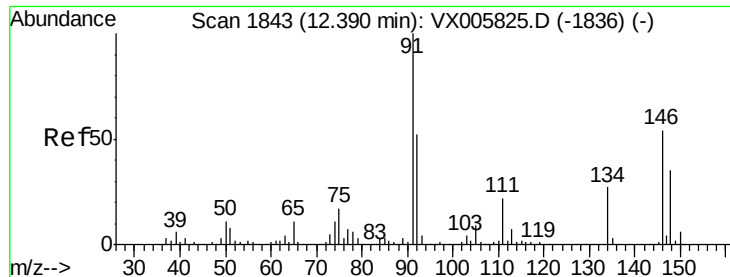
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#88
 1,4-Dichlorobenzene
 Concen: 20.282 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	55.8
148	64.4	32.1	96.3





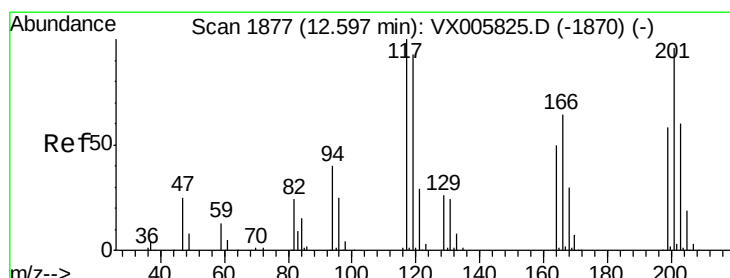
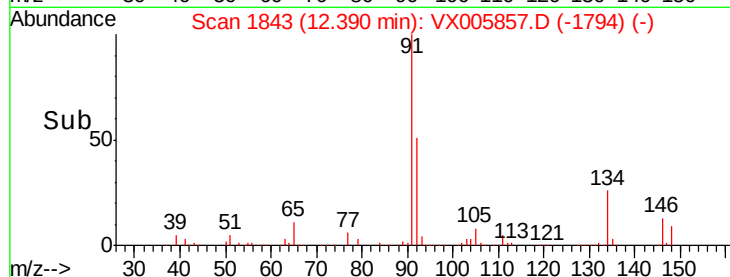
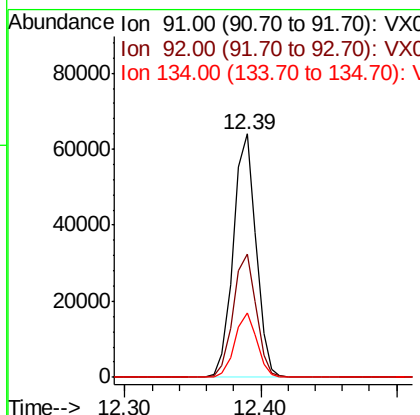
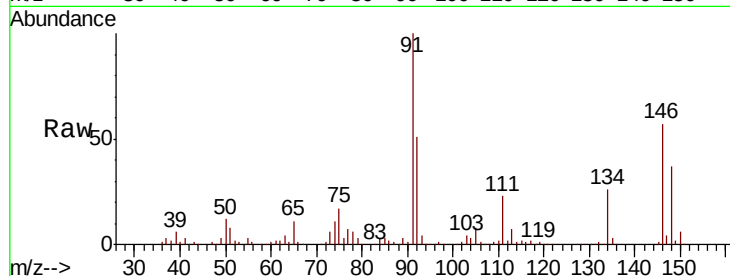
#89
n-Butylbenzene
Concen: 20.144 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		74396		
92	51.3	26.1	78.2		
134	25.8	13.1	39.3		

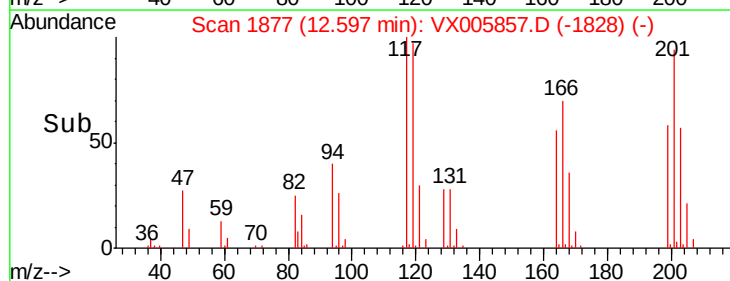
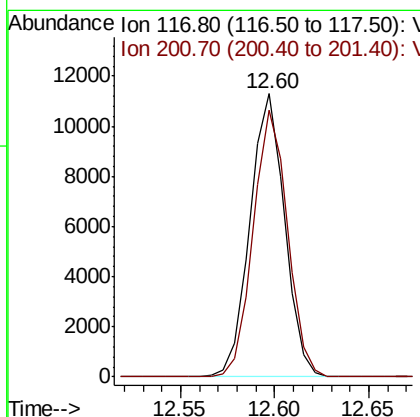
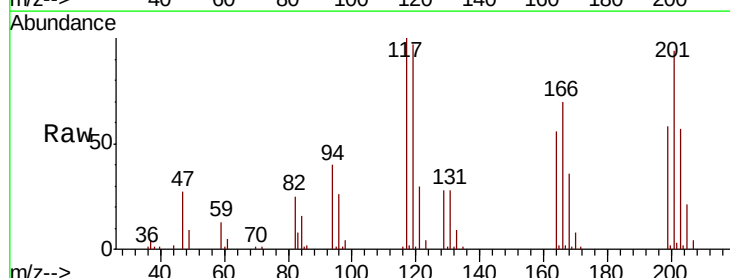
Manual Integrations
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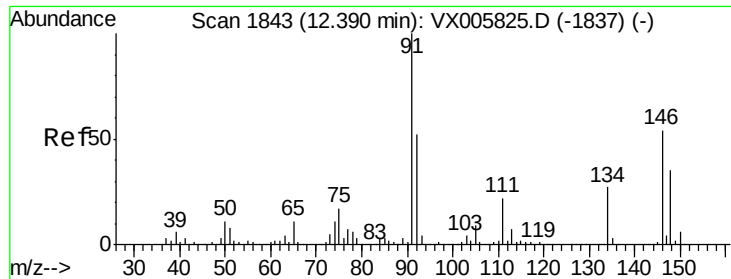
MMDadoda
11/12/2018 9:11:45 AM



#90
Hexachloroethane
Concen: 21.589 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		14363		
201	93.5	47.9	143.6		





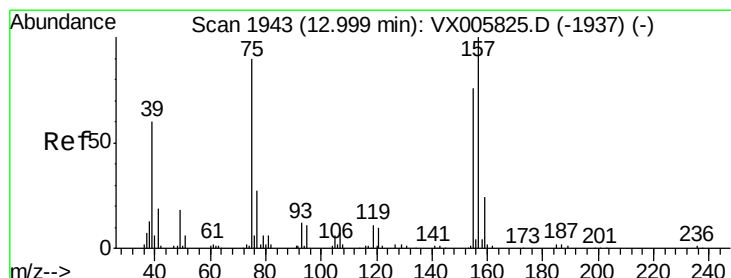
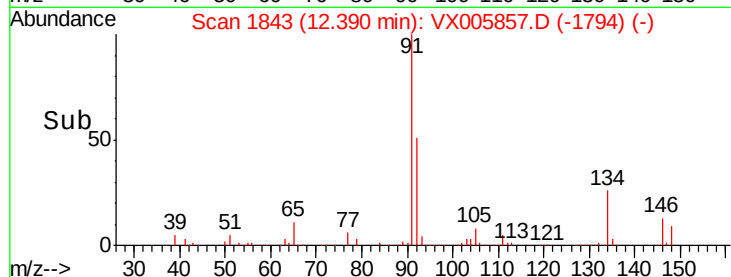
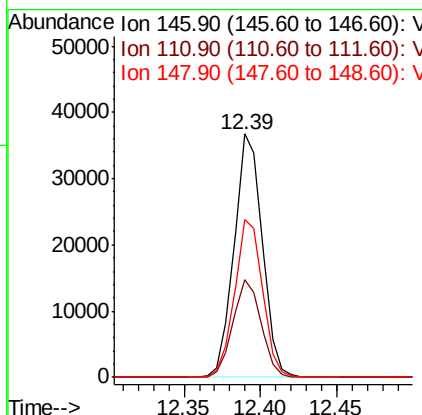
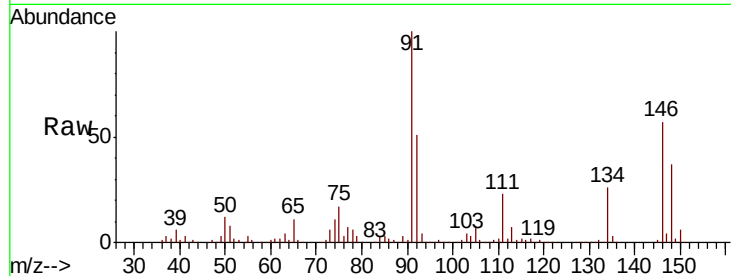
#91
1,2-Dichlorobenzene
Concen: 20.205 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	59.9
148	64.2	32.2	96.6

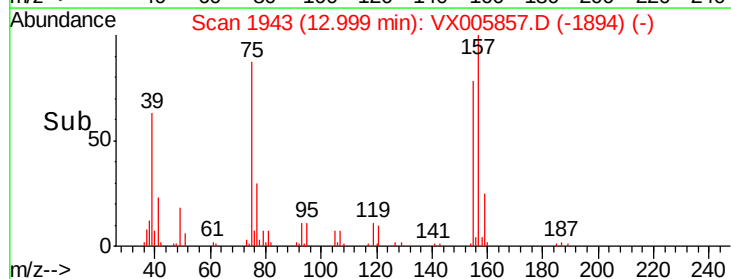
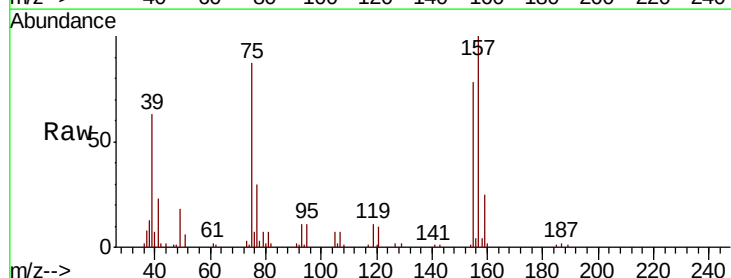
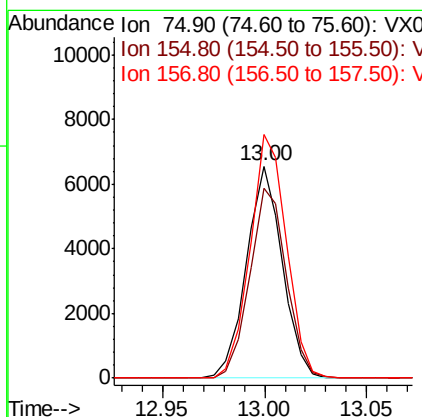
Manual Integrations
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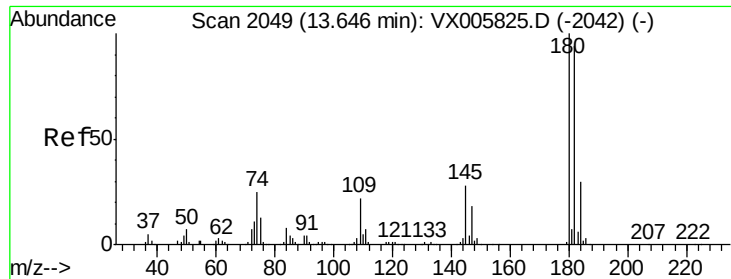
MMDadoda
11/12/2018 9:11:45 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.885 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	45.4	136.1
157	116.6	57.4	172.0





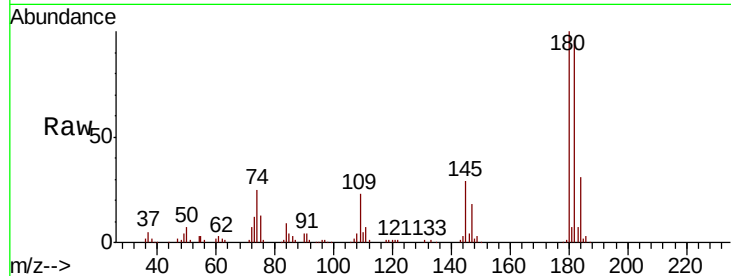
#93
 1,2,4-Trichlorobenzene
 Concen: 20.783 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

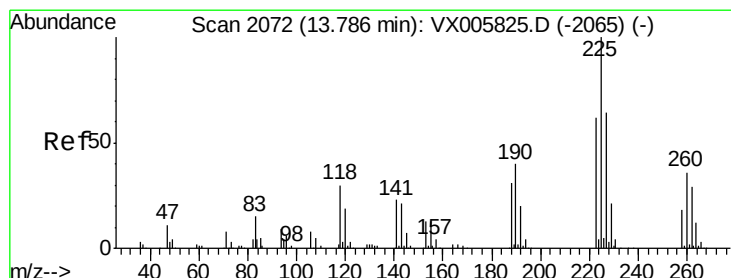
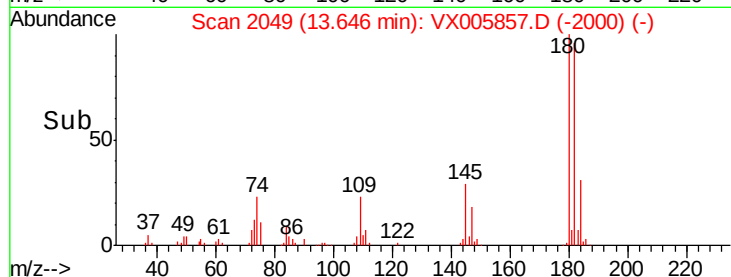
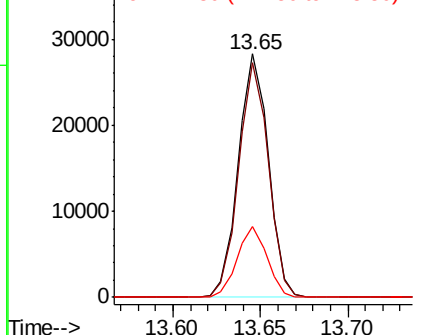
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.8
145	28.9	14.1	42.2

Manual Integrations
 APPROVED

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 11/12/2018 9:11:45 AM

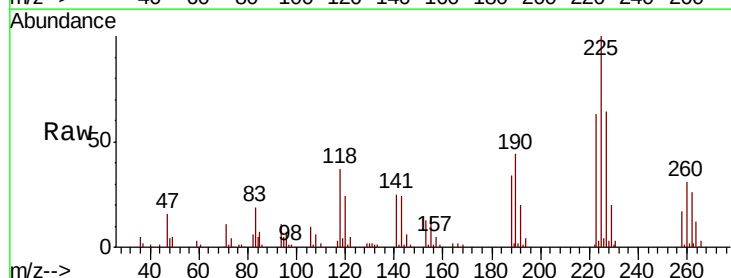


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

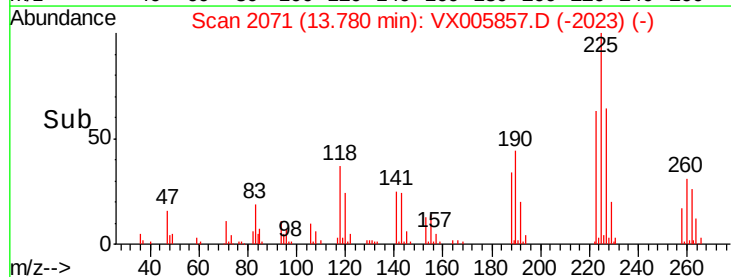
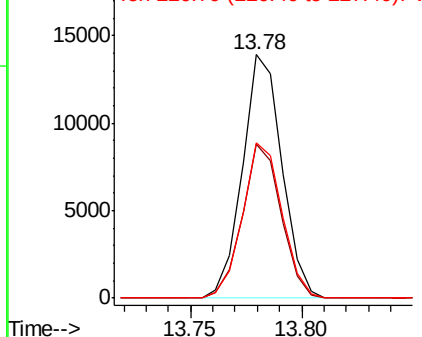


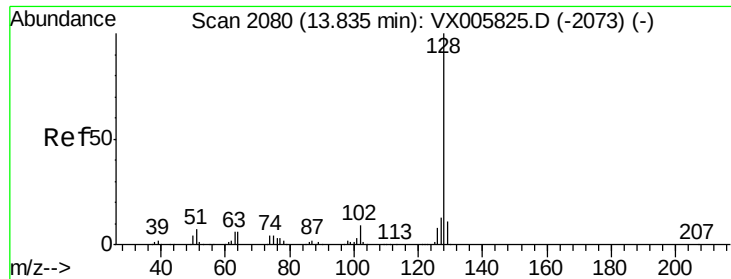
#94
 Hexachlorobutadiene
 Concen: 20.037 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005857.D
 Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.7	95.1
227	64.0	32.3	96.9



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





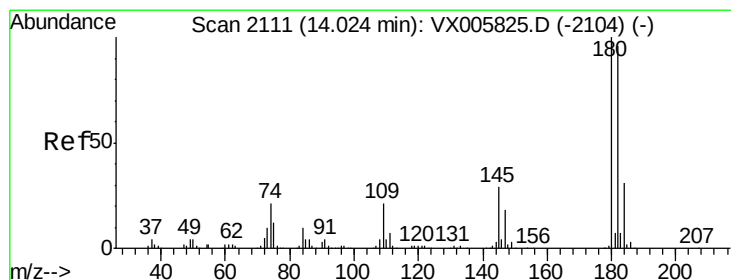
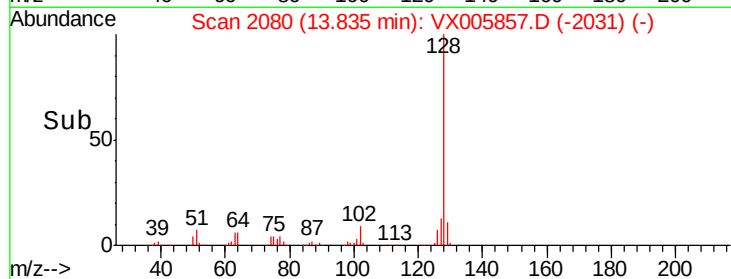
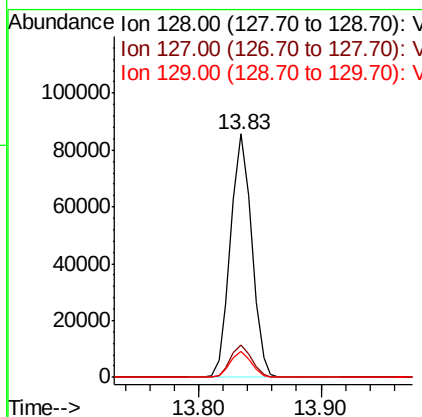
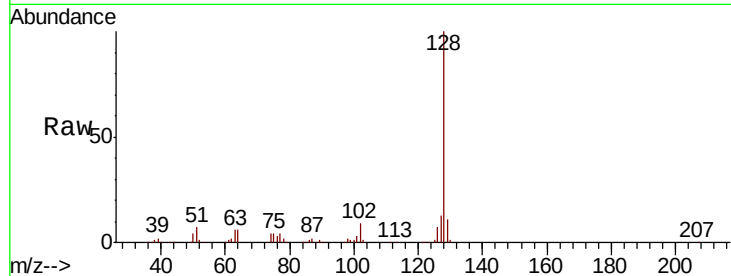
#95
Naphthalene
Concen: 20.024 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.974 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005857.D
Acq: 09 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.0	144.2
145	30.9	15.1	45.3

