

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004425.D
 Acq On : 08 Sep 2018 00:05
 Operator : JC/MD
 Sample : VX0907WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:15:33 AM

Quant Time: Sep 08 05:16:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	322839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	480535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	433400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	277949	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	203205	48.29	ug/l	0.00
Spiked Amount						
			Recovery	=	96.58%	
35) Dibromofluoromethane	5.50	113	178984	50.07	ug/l	0.00
Spiked Amount						
			Recovery	=	100.14%	
50) Toluene-d8	8.71	98	660392	48.94	ug/l	0.00
Spiked Amount						
			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.14	95	251365	49.92	ug/l	0.00
Spiked Amount						
			Recovery	=	99.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	58481	15.64	ug/l	99
3) Chloromethane	1.32	50	70199	17.18	ug/l	100
4) Vinyl Chloride	1.40	62	78811	18.63	ug/l	100
5) Bromomethane	1.64	94	39781	17.77	ug/l	100
6) Chloroethane	1.72	64	55643	17.84	ug/l	97
7) Trichlorofluoromethane	1.93	101	112736	19.45	ug/l	96
8) Diethyl Ether	2.18	74	51626	20.80	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70967	19.55	ug/l	100
10) Methyl Iodide	2.51	142	64774	18.73	ug/l	98
11) Tert butyl alcohol	3.07	59	106891	119.17	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66679	19.50	ug/l	96
13) Acrolein	2.29	56	19411	89.77	ug/l	95
14) Allyl chloride	2.73	41	129409	20.59	ug/l	95
15) Acrylonitrile	3.15	53	246260	110.86	ug/l	99
16) Acetone	2.45	43	198958	111.35	ug/l	98
17) Carbon Disulfide	2.57	76	161253	17.50	ug/l	100
18) Methyl Acetate	2.78	43	179162	28.69	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	241674	21.44	ug/l	97
20) Methylene Chloride	2.85	84	81328	20.08	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	72294	19.10	ug/l	98
22) Diisopropyl ether	3.87	45	250249	21.33	ug/l	96
23) Vinyl Acetate	3.82	43	910057	95.70	ug/l	100
24) 1,1-Dichloroethane	3.69	63	141520	20.70	ug/l	99
25) 2-Butanone	4.70	43	309750	108.25	ug/l	99
26) 2,2-Dichloropropane	4.58	77	75901	14.15	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	84505	19.68	ug/l	97
28) Bromochloromethane	5.01	49	65970	21.79	ug/l	98
29) Tetrahydrofuran	5.16	42	196124	108.48	ug/l	100
30) Chloroform	5.21	83	141129	20.59	ug/l	99
31) Cyclohexane	5.57	56	110993	18.81	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	115261	20.16	ug/l	100
36) 1,1-Dichloropropene	5.80	75	100114	18.53	ug/l	99
37) Ethyl Acetate	4.86	43	107963	20.32	ug/l	99
38) Carbon Tetrachloride	5.78	117	96649	19.02	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111548	18.09	ug/l	98
40) Benzene	6.14	78	318682	19.74	ug/l	100
41) Methacrylonitrile	5.06	41	65490	21.27	ug/l	99
42) 1,2-Dichloroethane	6.20	62	107882	19.59	ug/l	99
43) Isopropyl Acetate	6.46	43	167251	20.49	ug/l	100
44) Trichloroethene	7.21	130	86148	19.28	ug/l	96
45) 1,2-Dichloropropane	7.52	63	84055	20.80	ug/l	100
46) Dibromomethane	7.66	93	52280	19.43	ug/l	97
47) Bromodichloromethane	7.90	83	101169	20.21	ug/l	98
48) Methyl methacrylate	7.77	41	88312	20.22	ug/l	98
49) 1,4-Dioxane	7.76	88	45315	456.88	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	597503	100.73	ug/l	100
52) Toluene	8.79	92	203209	20.11	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	105268	19.04	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	116725	19.38	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	85195	20.89	ug/l	98
56) Ethyl methacrylate	9.18	69	114810	20.68	ug/l	99
57) 1,3-Dichloropropane	9.37	76	142356	20.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	302435	106.30	ug/l	99
59) 2-Hexanone	9.50	43	452147	99.91	ug/l	99
60) Dibromochloromethane	9.59	129	80312	20.21	ug/l	100
61) 1,2-Dibromoethane	9.67	107	85455	20.24	ug/l	99
64) Tetrachloroethene	9.34	164	94717	22.12	ug/l	99
65) Chlorobenzene	10.14	112	217554	20.00	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.22	131	81044	21.60	ug/l	97
67) Ethyl Benzene	10.25	91	365432	20.69	ug/l	96
68) m/p-Xylenes	10.36	106	277805	40.22	ug/l	96
69) o-Xylene	10.70	106	136806	20.94	ug/l	99
70) Styrene	10.71	104	225445	21.31	ug/l	98
71) Bromoform	10.86	173	60875	20.13	ug/l #	99
73) Isopropylbenzene	11.02	105	386548	21.17	ug/l	100
74) N-amyl acetate	10.90	43	140513	19.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	128219	20.07	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	114720m	20.29	ug/l	
77) Bromobenzene	11.26	156	103217	20.16	ug/l	97
78) n-propylbenzene	11.36	91	435867	20.76	ug/l	100
79) 2-Chlorotoluene	11.42	91	264075	20.43	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	317441	21.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30296	17.39	ug/l	98
82) 4-Chlorotoluene	11.51	91	306890	20.18	ug/l	100
83) tert-Butylbenzene	11.77	119	311760	20.50	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	326497	21.04	ug/l	99
85) sec-Butylbenzene	11.94	105	384166	21.27	ug/l	100
86) p-Isopropyltoluene	12.07	119	341988	21.13	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	191876	19.90	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	193649	19.05	ug/l	98
89) n-Butylbenzene	12.39	91	282391	21.46	ug/l	100
90) Hexachloroethane	12.60	117	48146	21.28	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	185082	21.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21804	19.38	ug/l	92

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ClientSampleId :
VX0907WBSD02

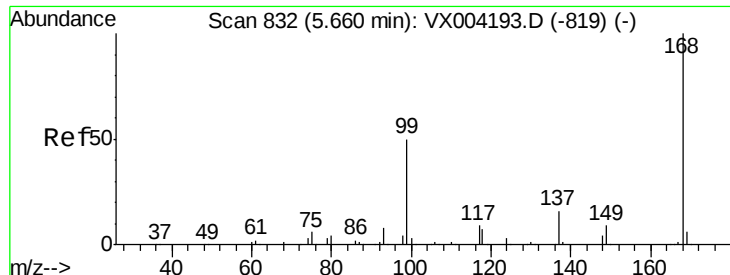
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129799	20.24	ug/l	98
94) Hexachlorobutadiene	13.79	225	65722	21.96	ug/l	96
95) Naphthalene	13.83	128	399192	22.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141896	20.91	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

Tot Ion:168 Resp: 322839

Ion Ratio Lower Upper

168 100

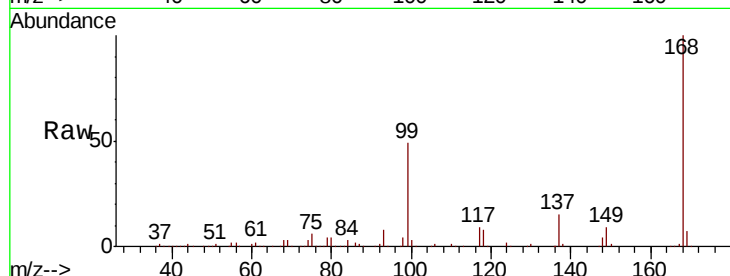
99 49.0 39.9 59.9

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

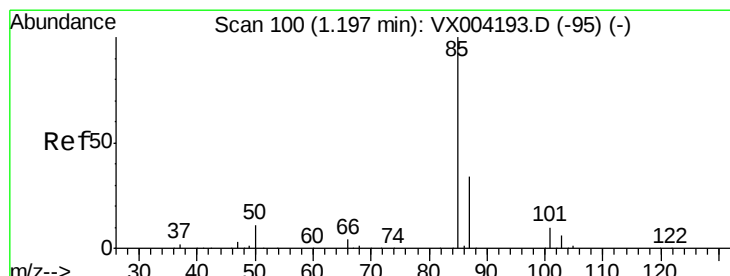
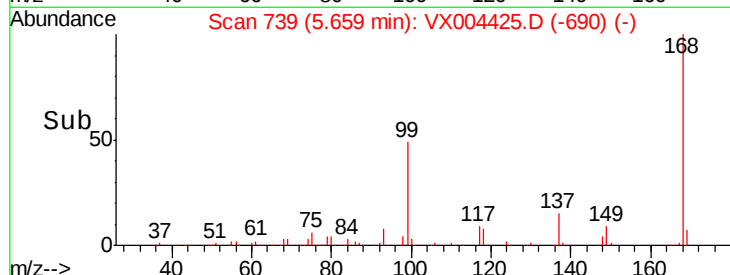
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.64 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004425.D

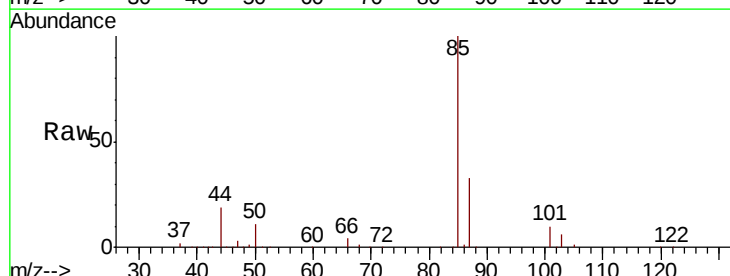
Acq: 08 Sep 2018 00:05

Tgt Ion: 85 Resp: 58481

Ion Ratio Lower Upper

85 100

87 33.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

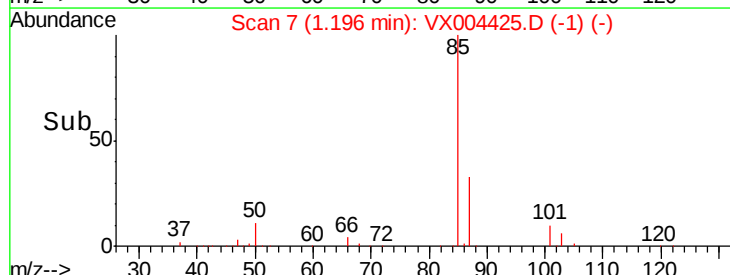
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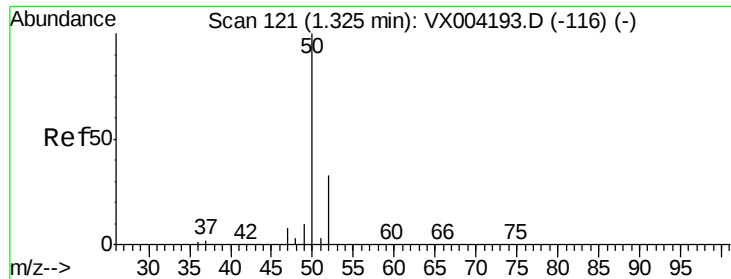
20000

10000

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Time-->





#3

Chloromethane

Concen: 17.18 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

Tot Ion: 50 Resp: 70199

Ion Ratio Lower Upper

50 100

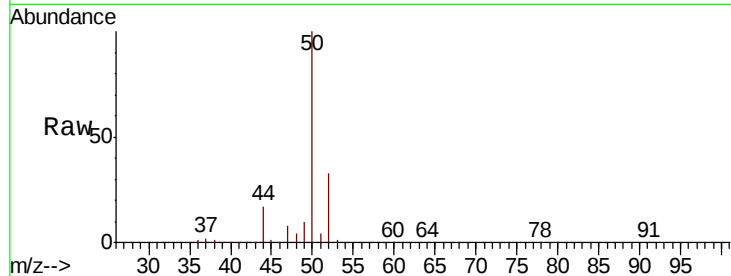
52 32.6 26.2 39.2

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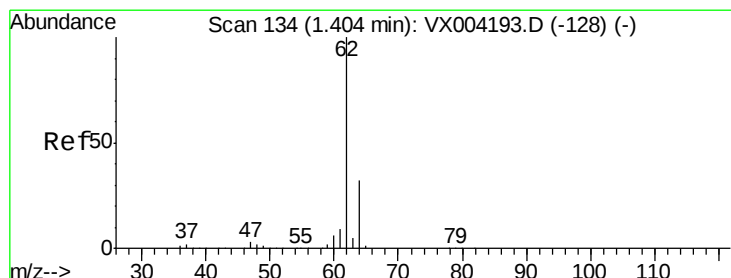
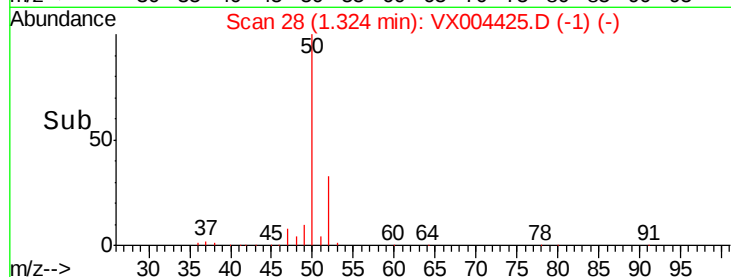
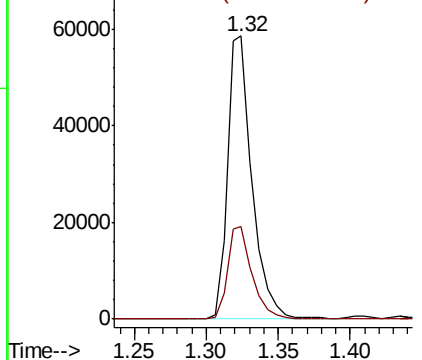
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.63 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004425.D

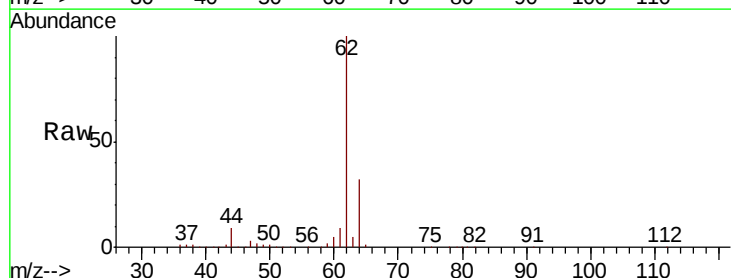
Acq: 08 Sep 2018 00:05

Tgt Ion: 62 Resp: 78811

Ion Ratio Lower Upper

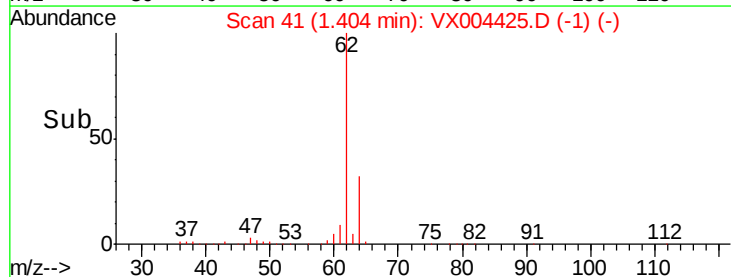
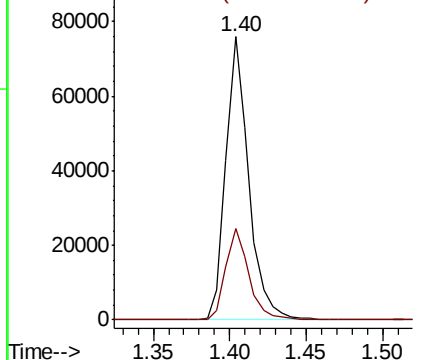
62 100

64 32.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.77 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

Tot Ion: 94 Resp: 39781

Ion Ratio Lower Upper

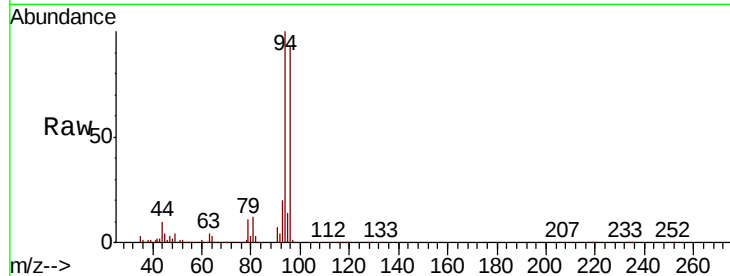
94 100

96 93.4 74.5 111.7

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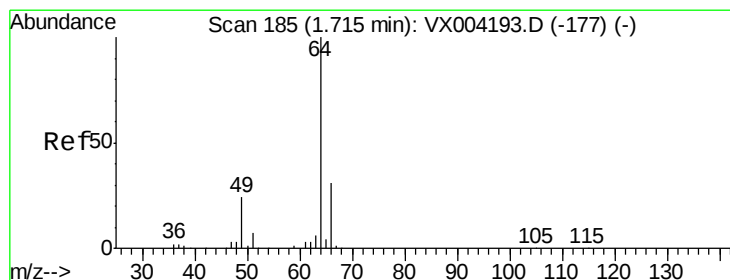
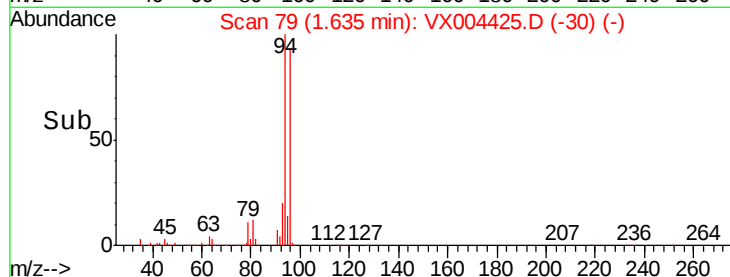
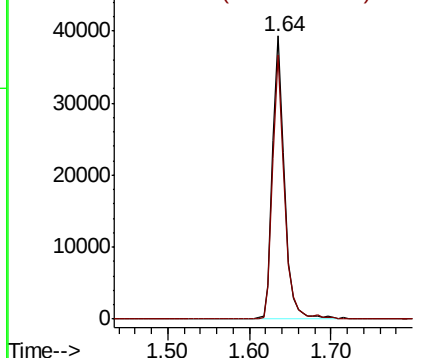
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.84 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004425.D

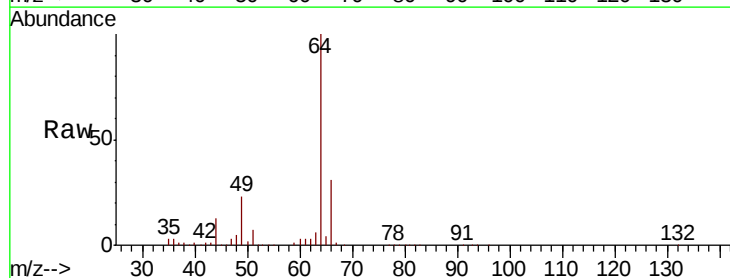
Acq: 08 Sep 2018 00:05

Tgt Ion: 64 Resp: 55643

Ion Ratio Lower Upper

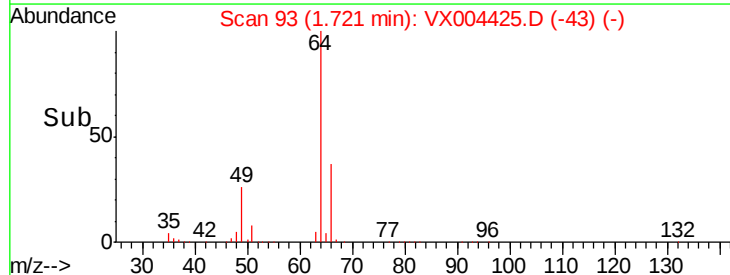
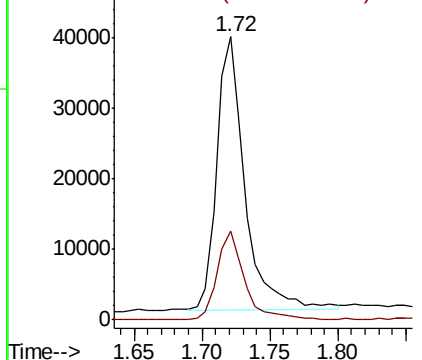
64 100

66 32.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

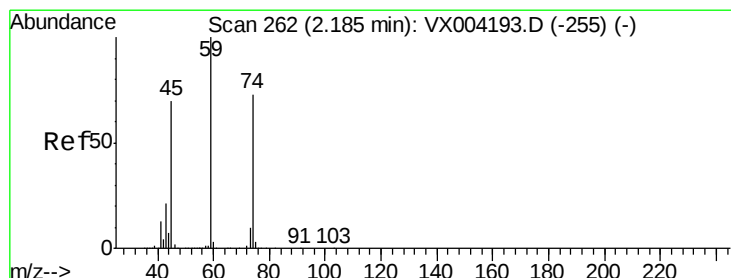
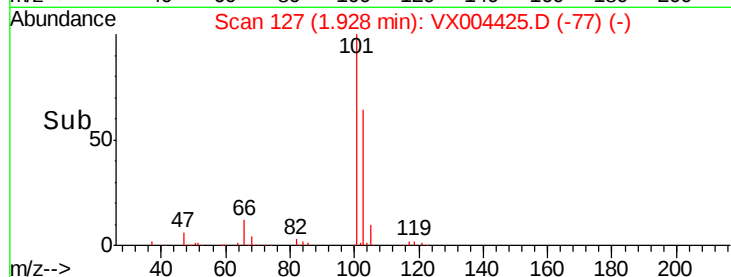
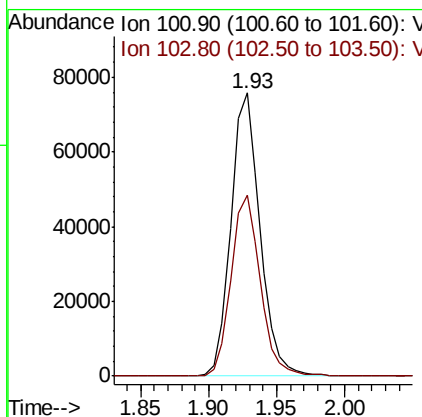
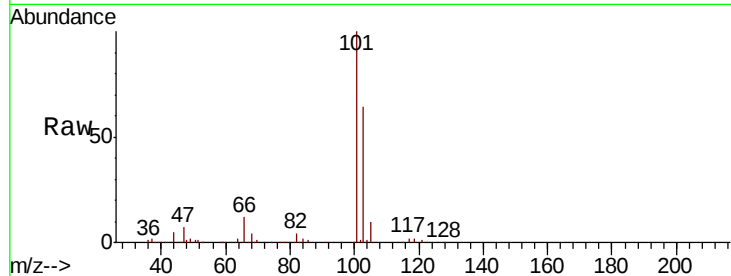
Trichlorofluoromethane
 Concen: 19.45 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
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 ClientSampleId :
 VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	48.9	73.3

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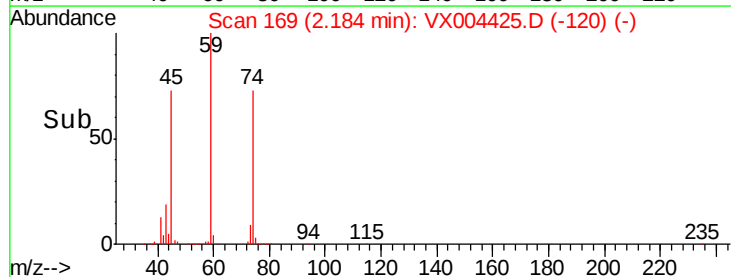
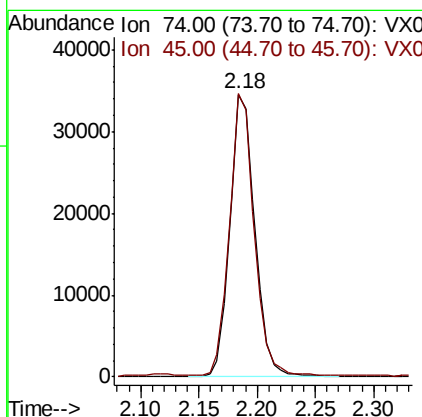
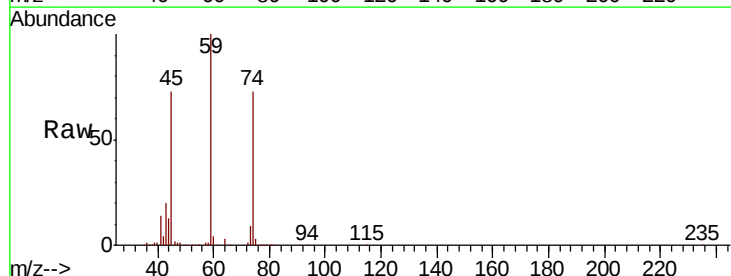
MMDadoda
 9/10/2018 11:15:33 AM

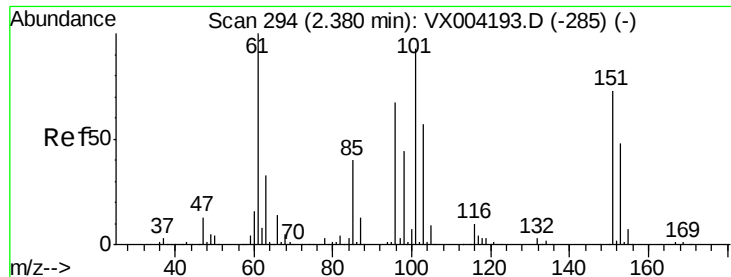


#8

Diethyl Ether
 Concen: 20.80 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.55 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

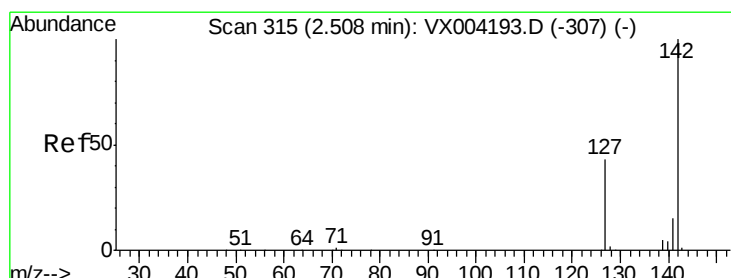
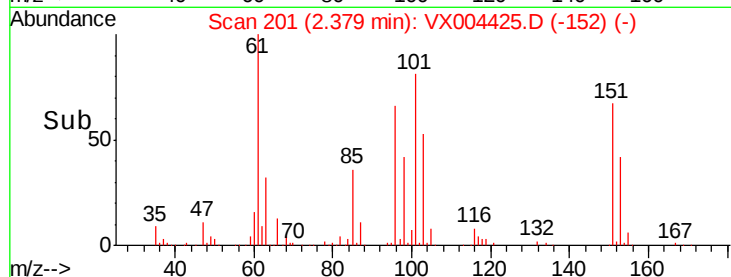
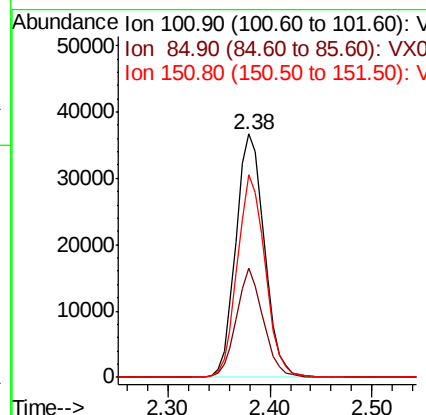
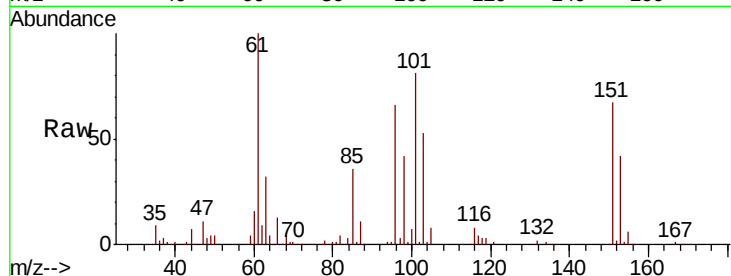
ClientSampleId :

VX0907WBSD02

Tot Ion:	101	Resp:	70967
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.2	51.4
151	81.4	65.0	97.6

Manual Integrations
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9/10/2018 11:15:33 AM



#10

Methyl Iodide

Concen: 18.73 ug/l

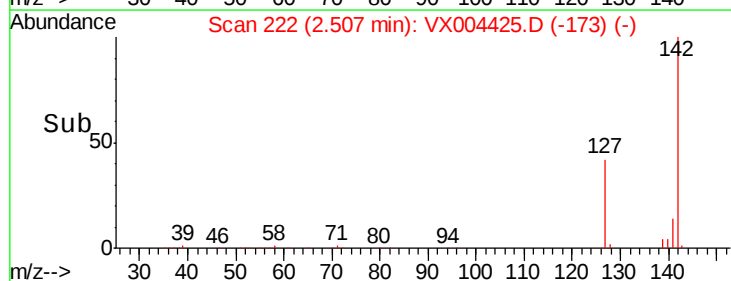
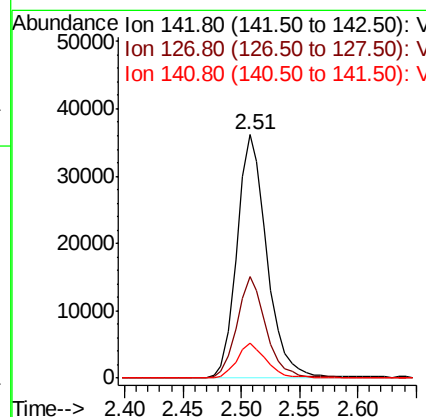
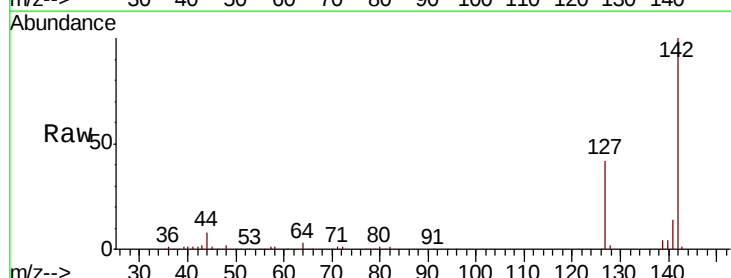
RT: 2.51 min Scan# 222

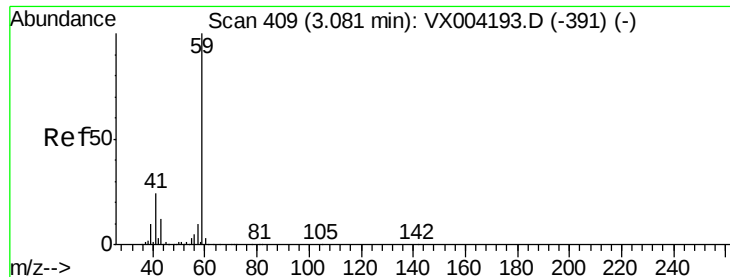
Delta R.T. 0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Tgt Ion:	142	Resp:	64774
Ion Ratio	Lower	Upper	
142	100		
127	40.8	33.8	50.6
141	14.0	11.4	17.0





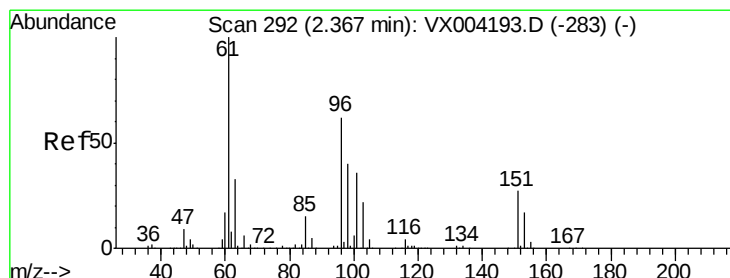
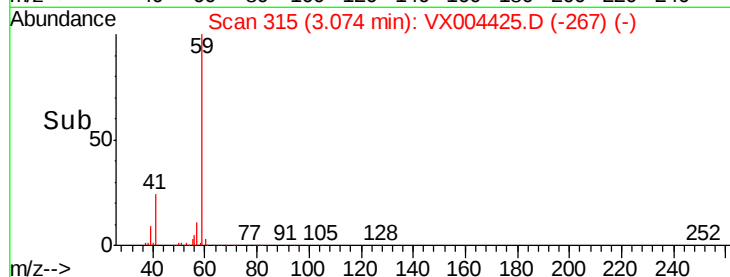
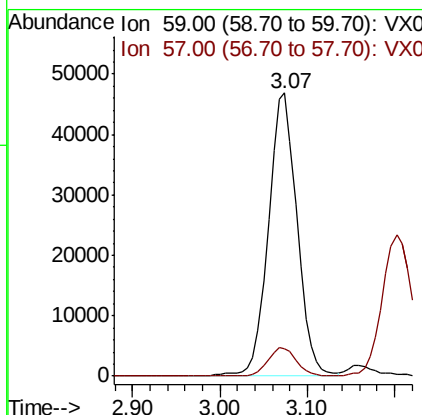
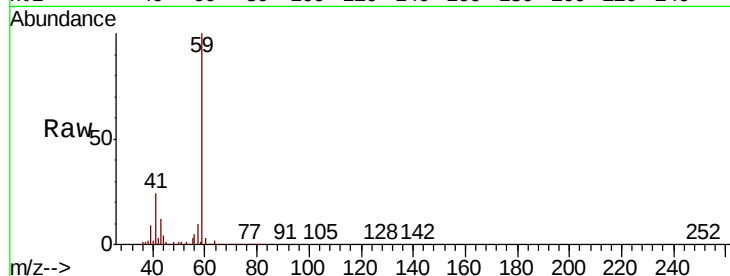
#11
Tert butyl alcohol
Concen: 119.17 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion: 59 Resp: 106891
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

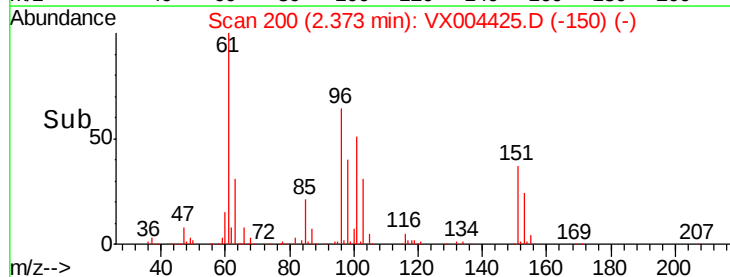
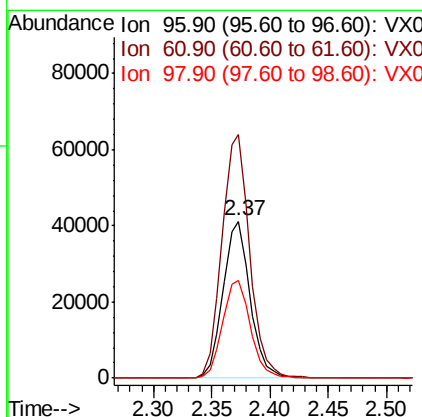
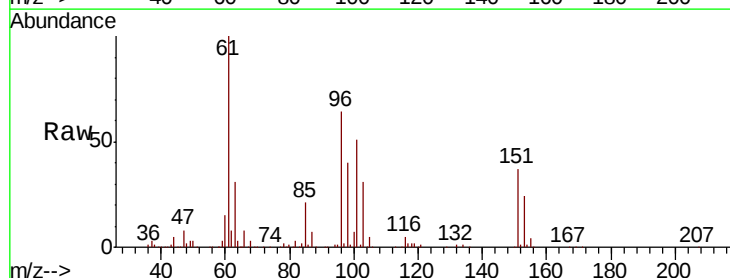
Manual Integrations
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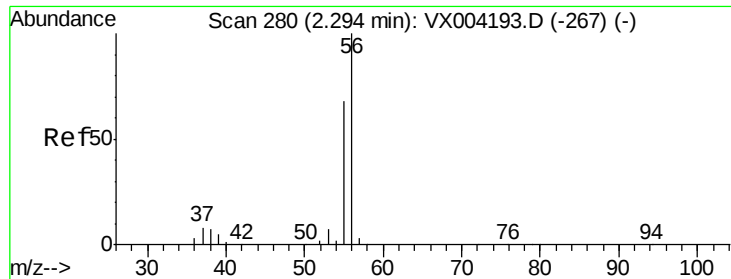
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.50 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion: 96 Resp: 66679
Ion Ratio Lower Upper
96 100
61 155.0 128.8 193.2
98 62.1 52.2 78.2





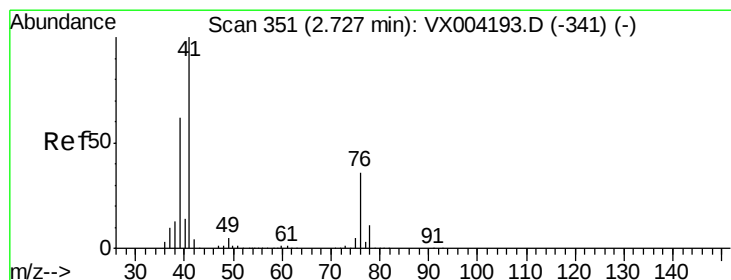
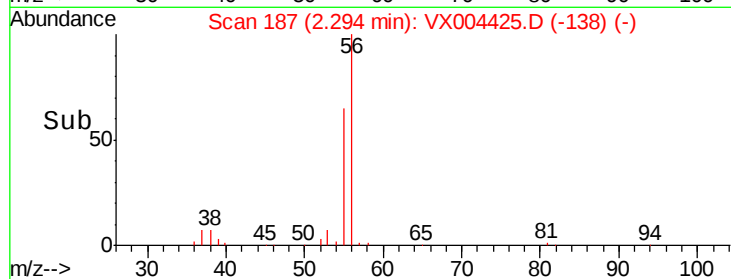
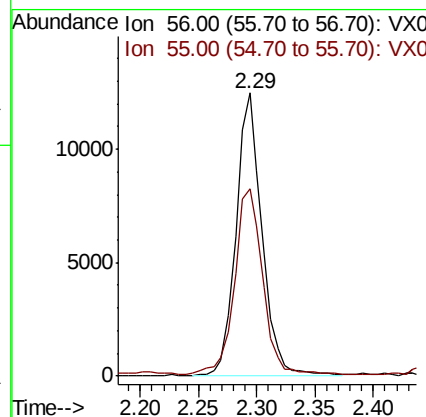
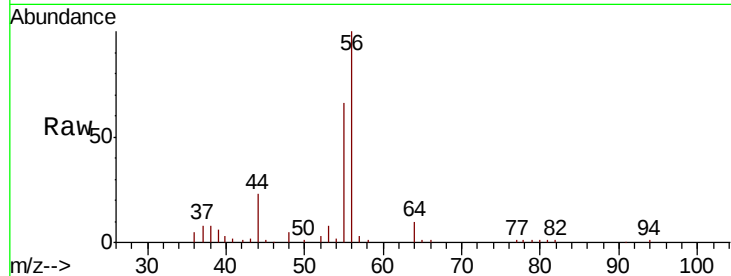
#13
Acrolein
Concen: 89.77 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.7	54.7	82.1

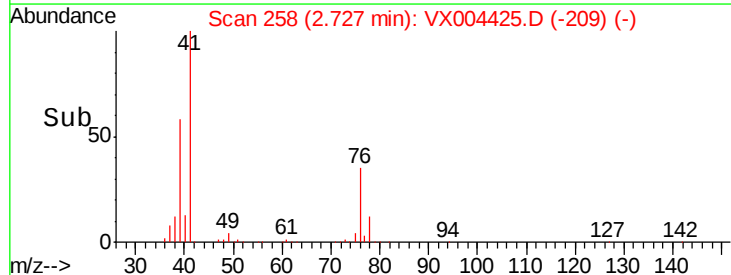
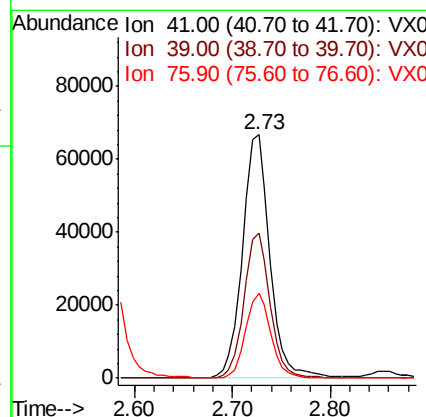
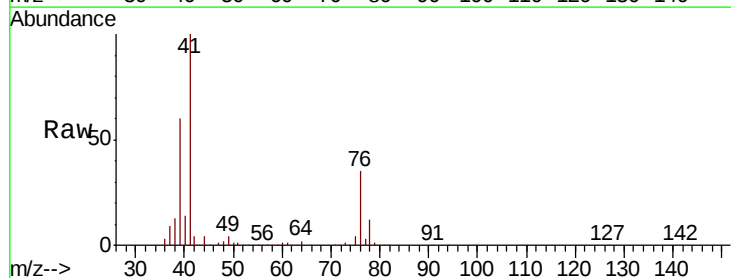
Manual Integrations
APPROVED

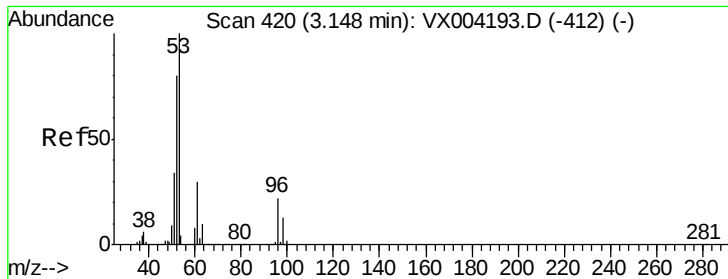
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#14
Allyl chloride
Concen: 20.59 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.9	48.9	73.3
76	32.2	26.7	40.1





#15

Acrylonitrile

Concen: 110.86 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

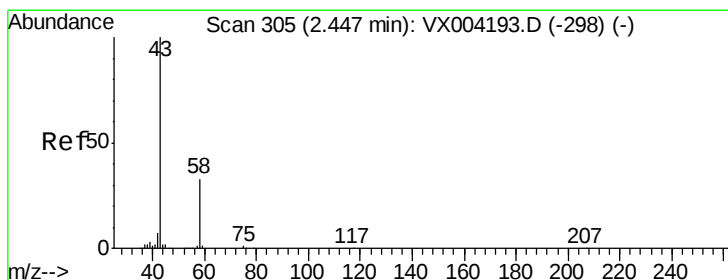
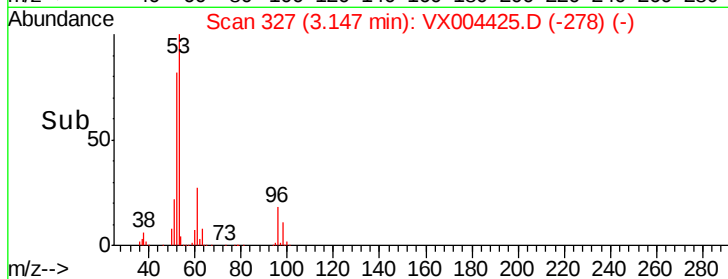
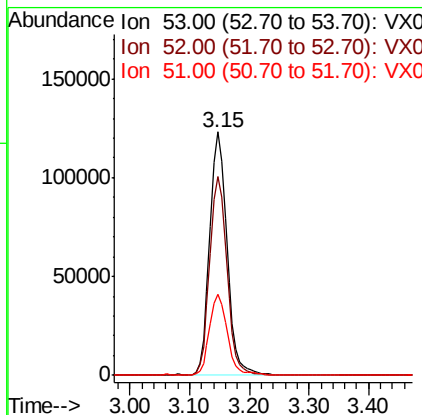
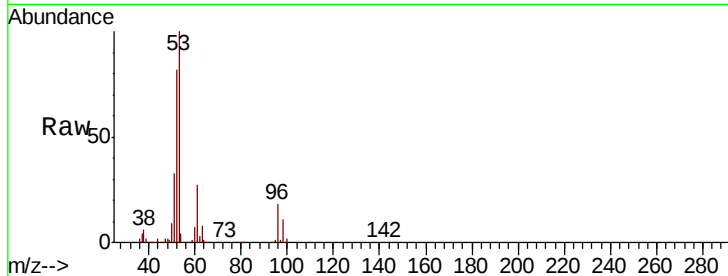
ClientSampleId :

VX0907WBSD02

Tot Ion:	53	Resp:	246260
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.2	97.8
51	34.2	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 111.35 ug/l

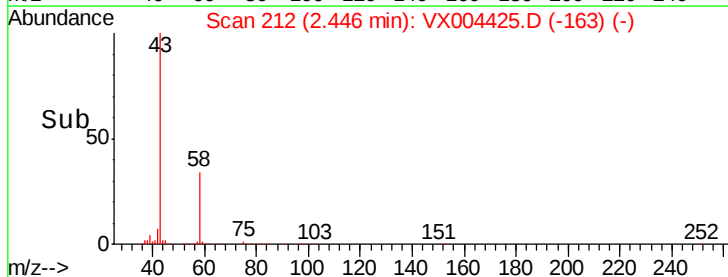
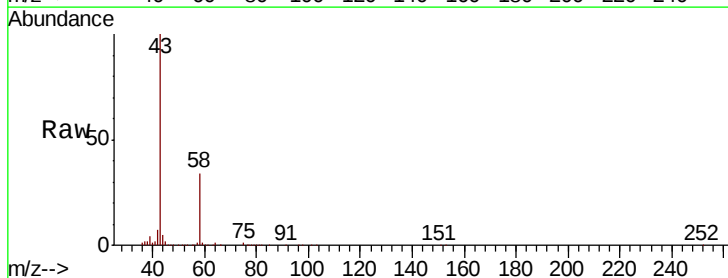
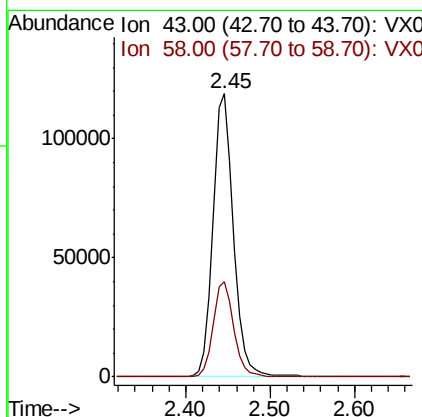
RT: 2.45 min Scan# 212

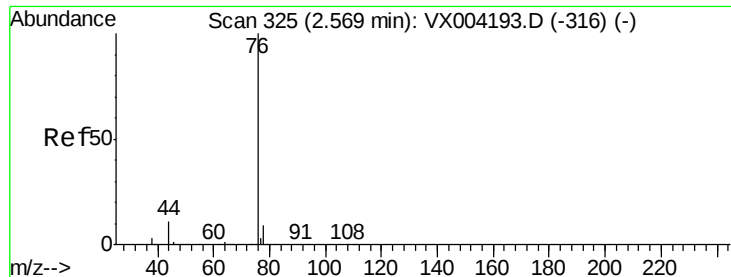
Delta R.T. 0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Tgt Ion:	43	Resp:	198958
Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.2	39.4





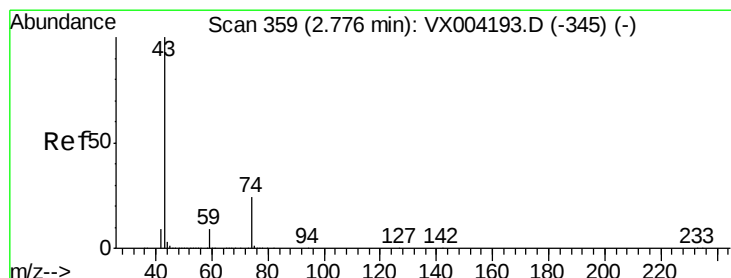
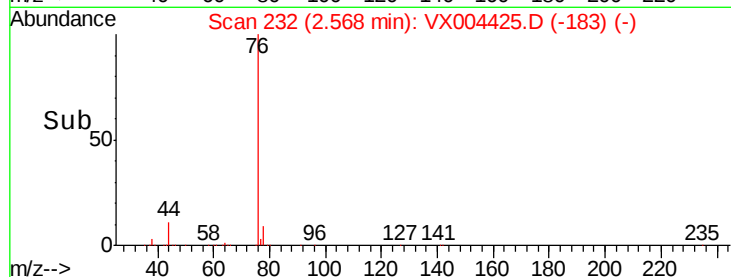
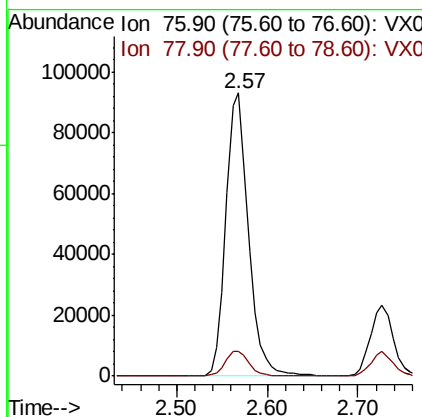
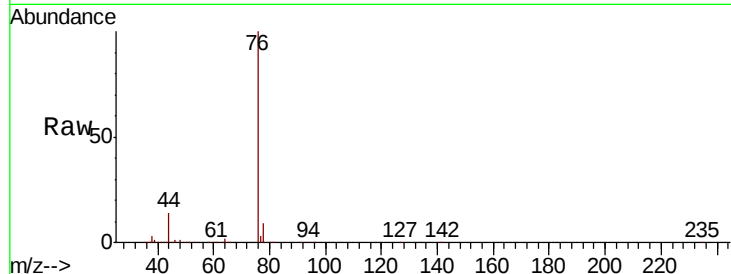
#17
Carbon Disulfide
Concen: 17.50 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion: 76 Resp: 161253
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

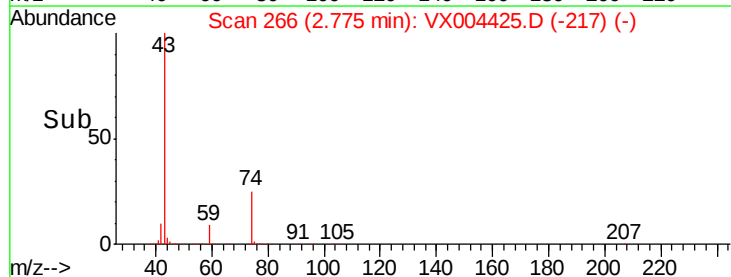
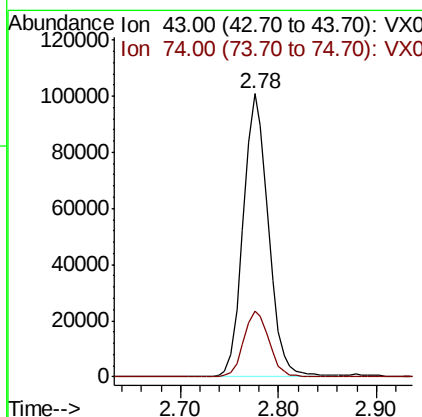
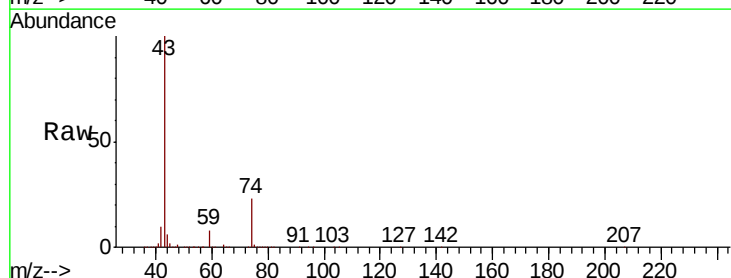
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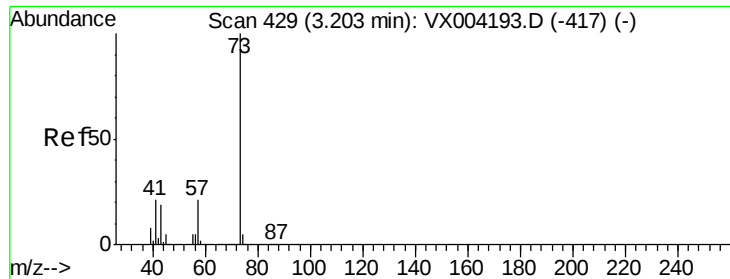
MMDadoda
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#18
Methyl Acetate
Concen: 28.69 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion: 43 Resp: 179162
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.2





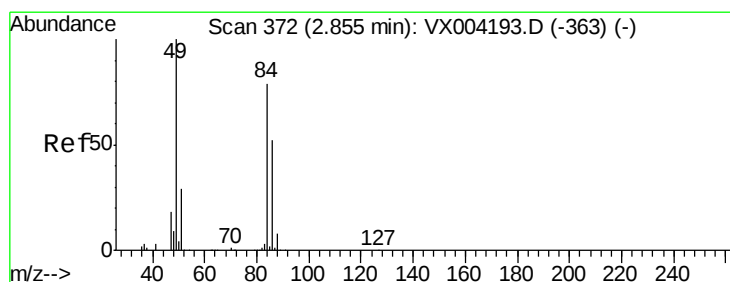
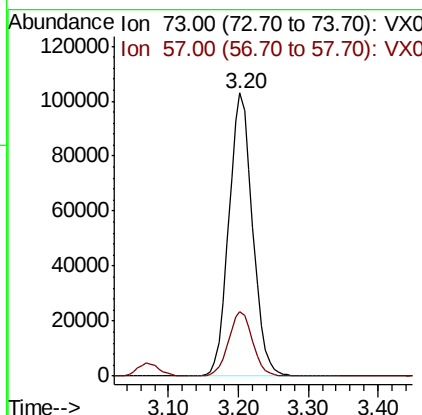
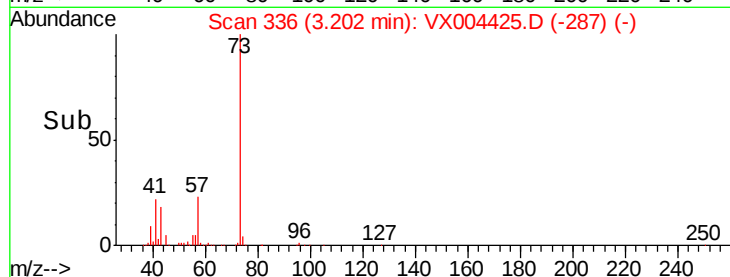
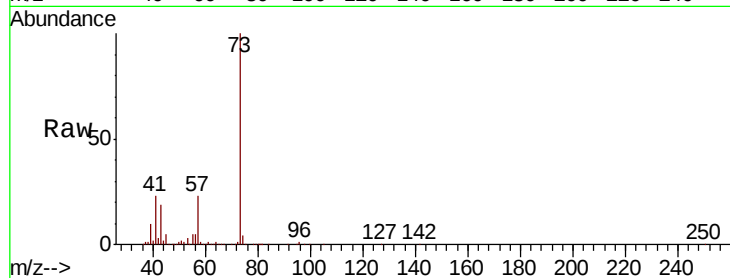
#19
Methvl tert-butvl Ether
Concen: 21.44 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.1	25.7

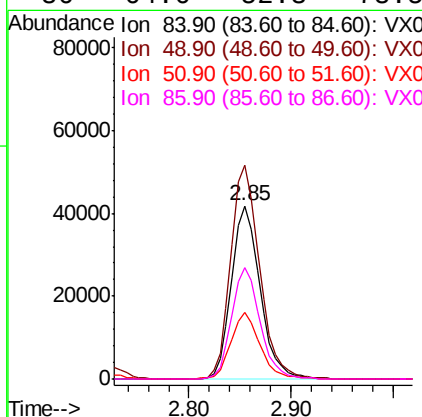
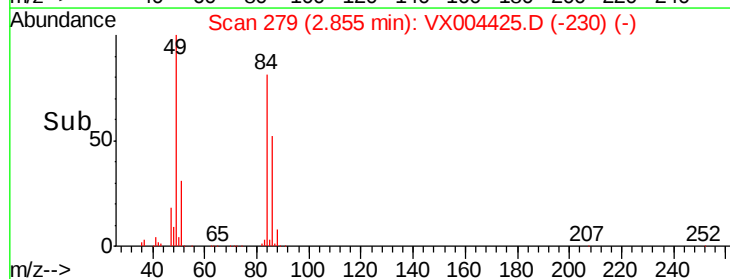
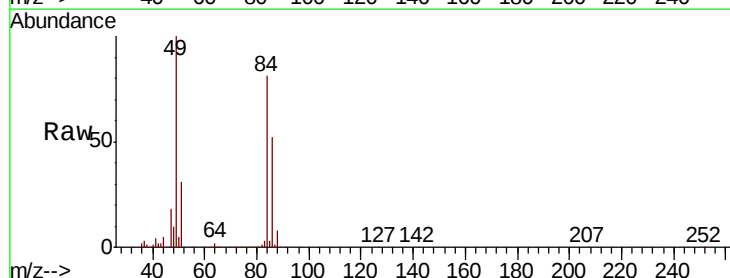
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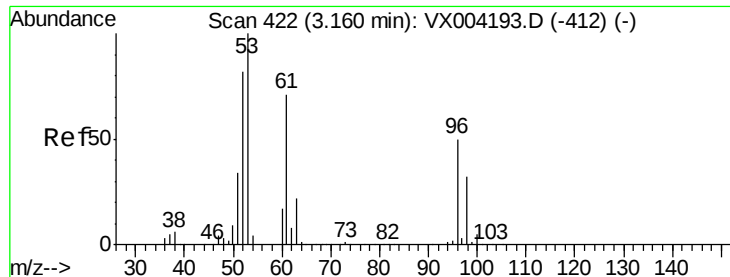
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#20
Methylene Chloride
Concen: 20.08 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.5	101.2	151.8
51	38.7	29.5	44.3
86	64.6	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 19.10 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

Tot Ion: 96 Resp: 72294

Ion Ratio Lower Upper

96 100

61 138.7 113.8 170.6

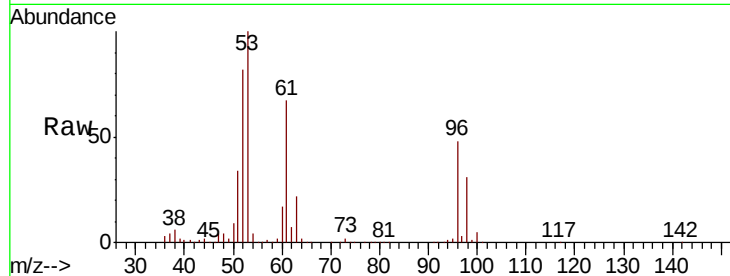
98 64.2 51.8 77.8

Manual Integrations

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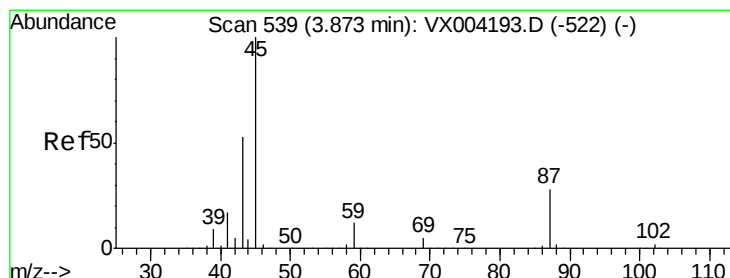
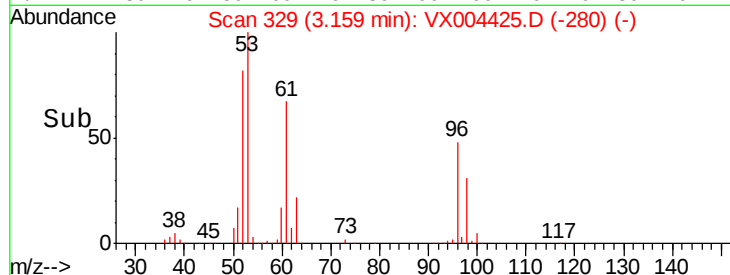
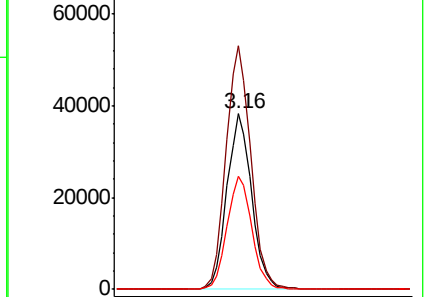
9/10/2018 11:15:33 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.33 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Tgt Ion: 45 Resp: 250249

Ion Ratio Lower Upper

45 100

43 57.3 42.8 64.2

87 27.6 22.6 34.0

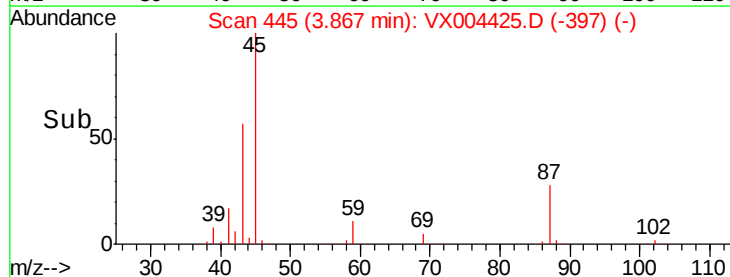
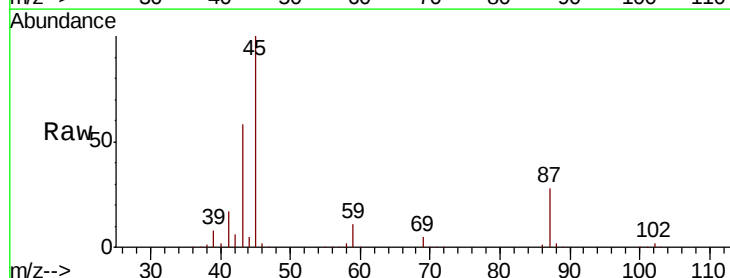
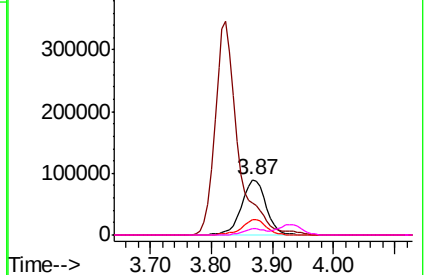
59 11.1 9.6 14.4

Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





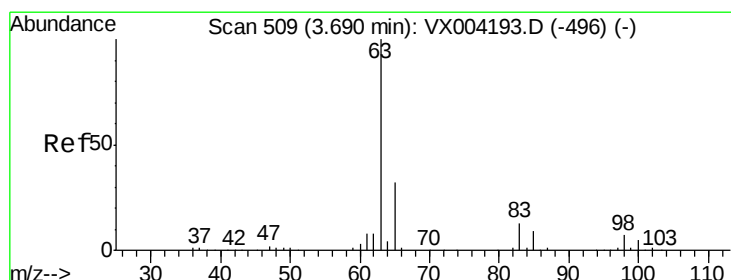
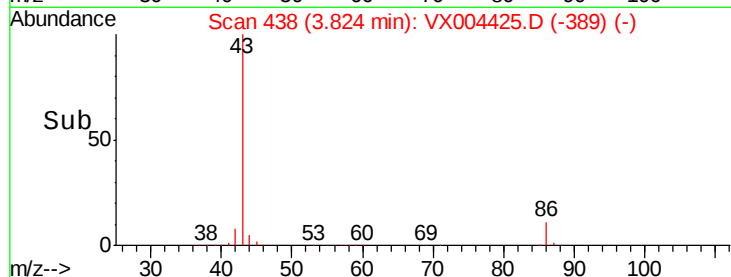
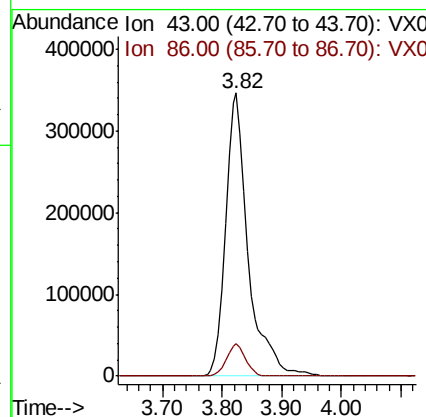
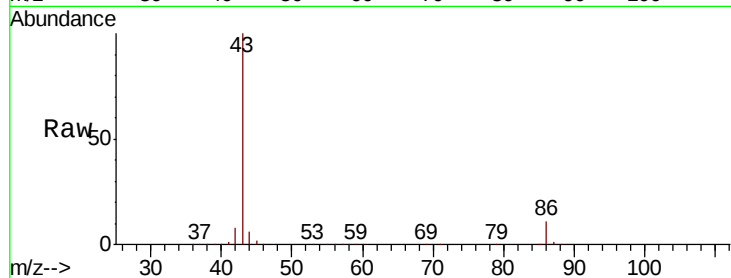
#23
 Vinyl Acetate
 Concen: 95.70 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.3	8.9	13.3

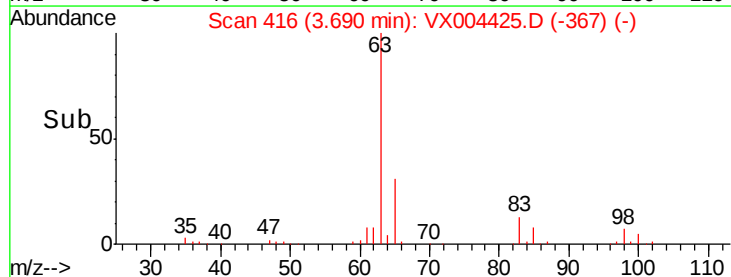
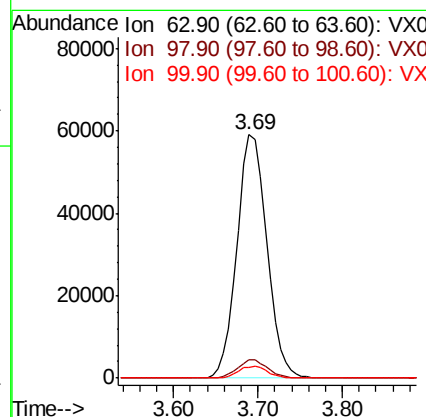
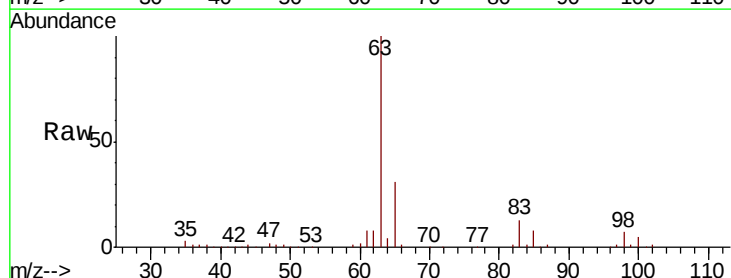
Manual Integrations
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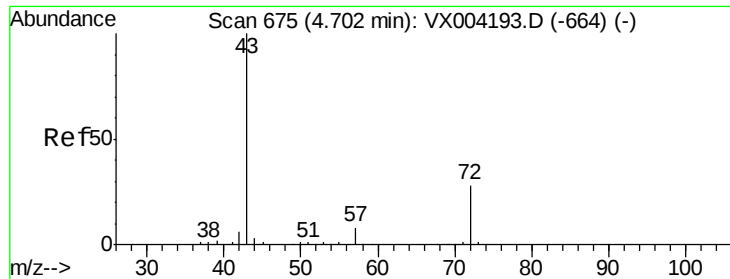
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#24
 1,1-Dichloroethane
 Concen: 20.70 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.5	10.4
100	4.5	2.4	7.1





#25

2-Butanone

Concen: 108.25 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

Tot Ion: 43 Resp: 309750

Ion Ratio Lower Upper

43 100

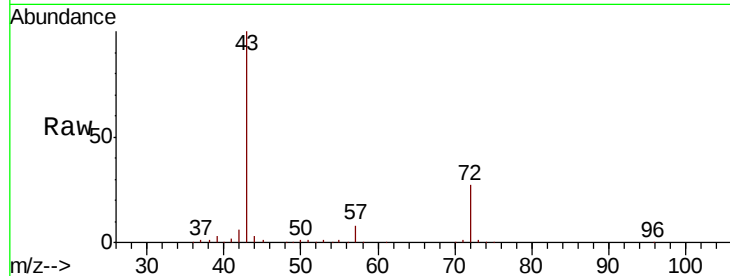
72 26.9 22.0 33.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

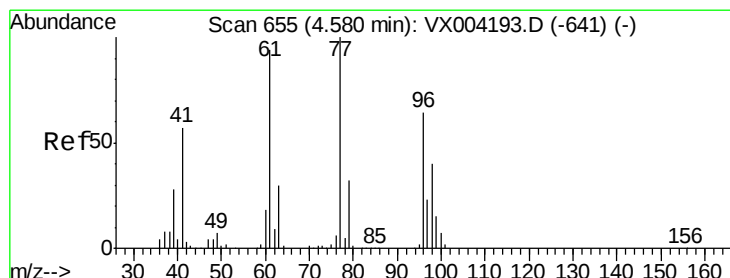
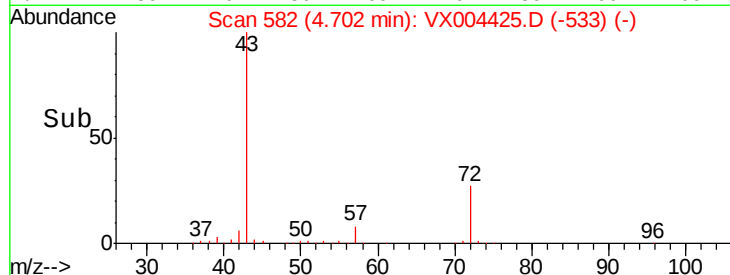
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 14.15 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004425.D

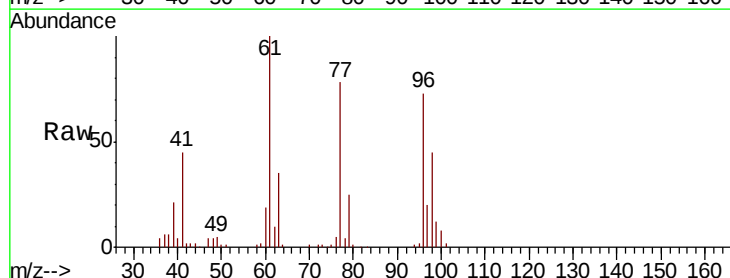
Acq: 08 Sep 2018 00:05

Tgt Ion: 77 Resp: 75901

Ion Ratio Lower Upper

77 100

97 25.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

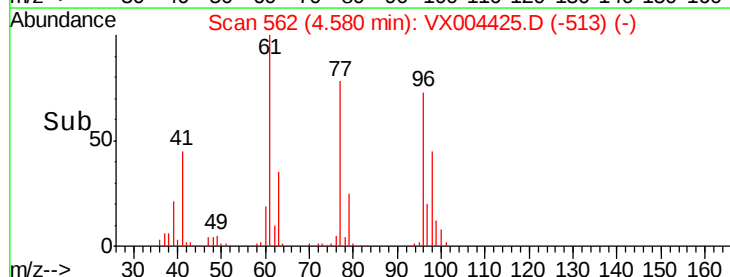
15000

10000

5000

0

Time-->





#27

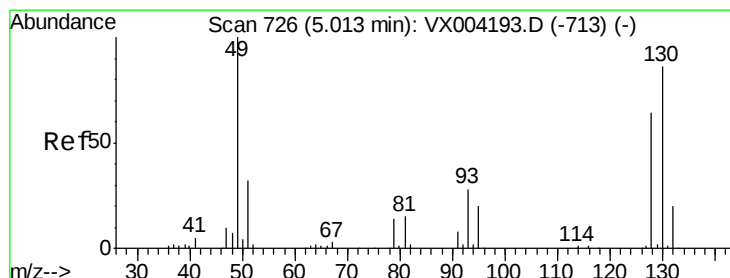
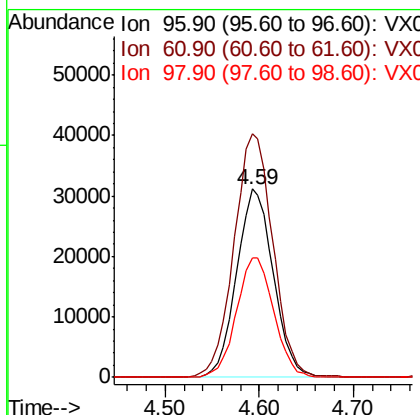
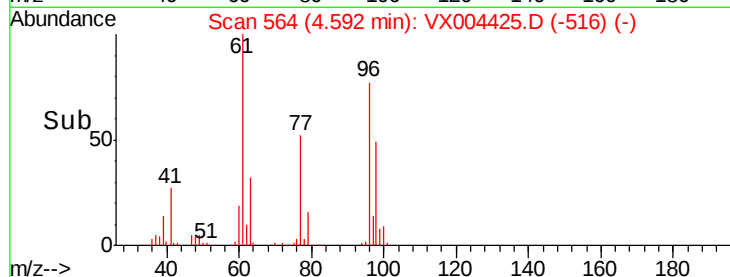
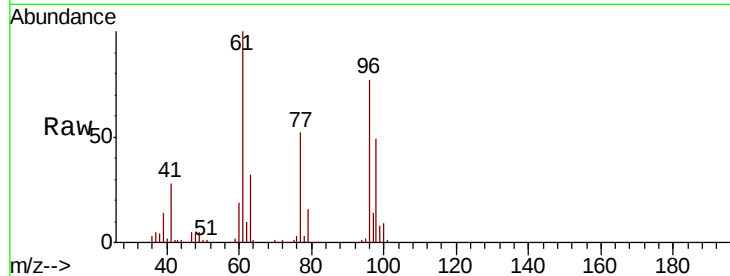
cis-1,2-Dichloroethene
Concen: 19.68 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	84505		
61	136.9	0.0	282.6	
98	64.6	0.0	130.2	

Manual Integrations
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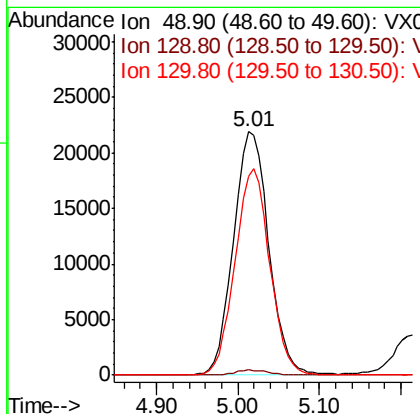
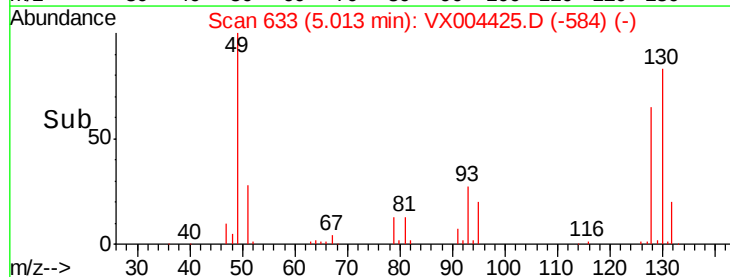
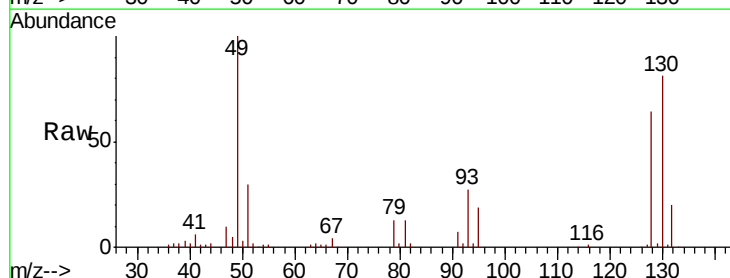
MMDadoda
9/10/2018 11:15:33 AM

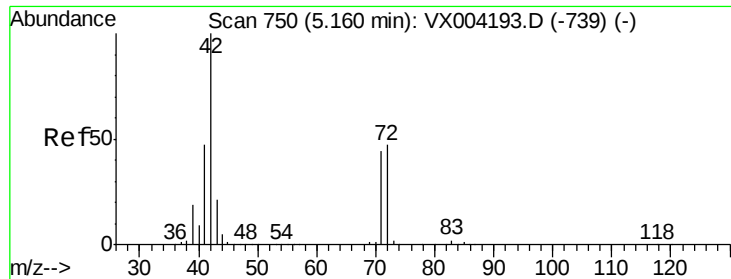


#28

Bromochloromethane
Concen: 21.79 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	65970		
129	1.9	0.0	4.2	
130	82.9	67.5	101.3	





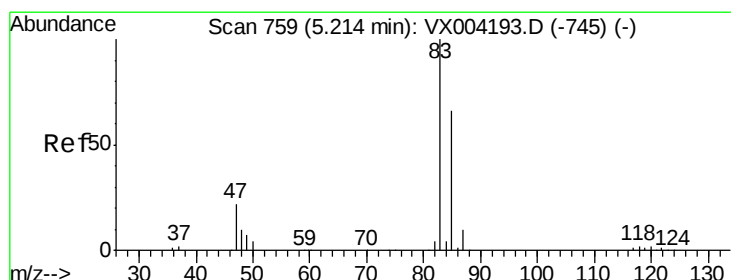
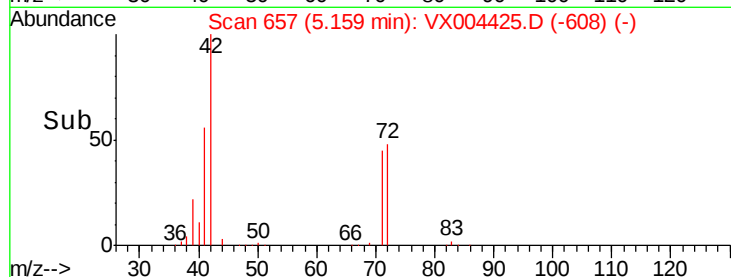
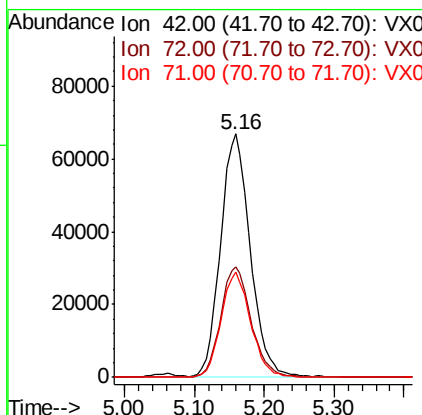
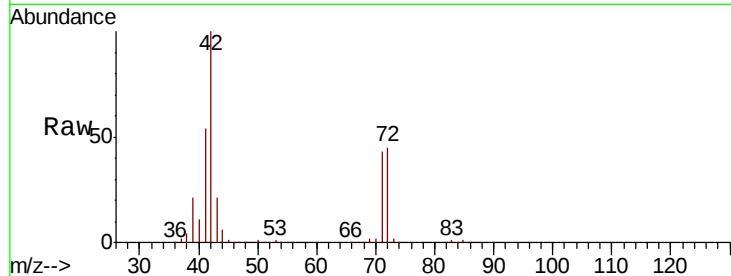
#29
Tetrahydrofuran
Concen: 108.48 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.4	56.0
71	43.2	34.5	51.7

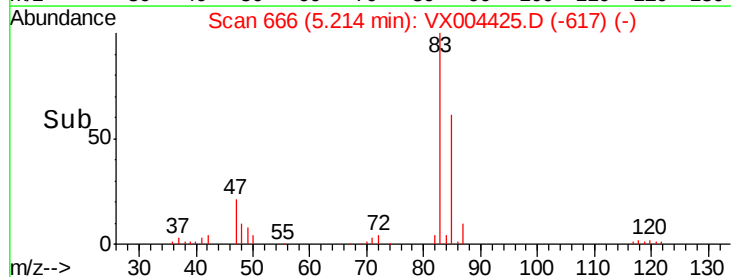
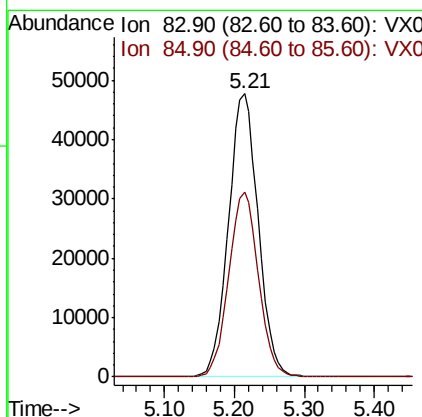
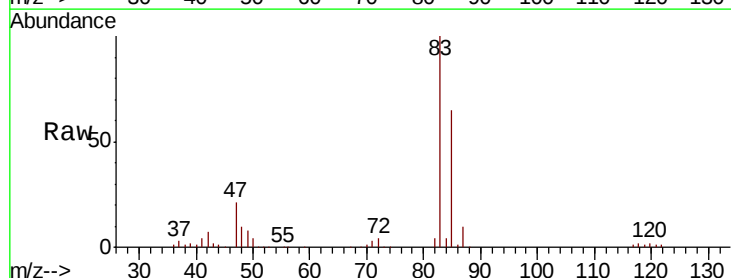
Manual Integrations
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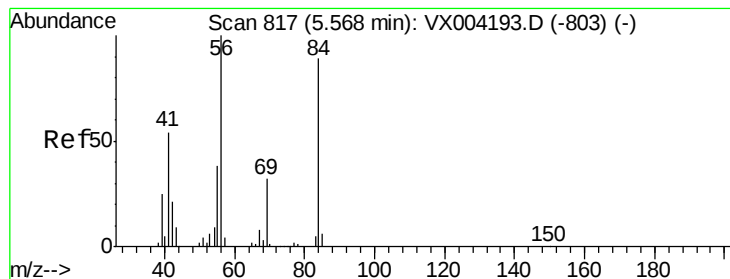
MMDadoda
9/10/2018 11:15:33 AM



#30
Chloroform
Concen: 20.59 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	79.0





#31

Cyclohexane

Concen: 18.81 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

Tot Ion: 56 Resp: 110993

Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.2

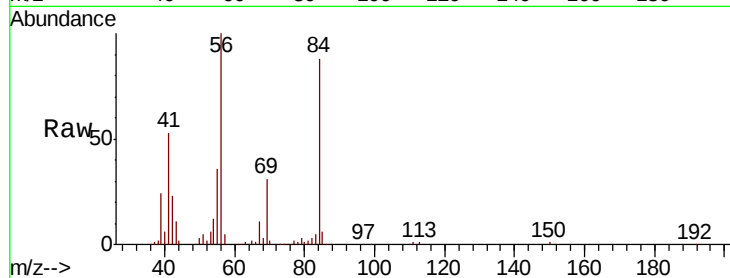
84 86.6 71.4 107.2

Manual Integrations

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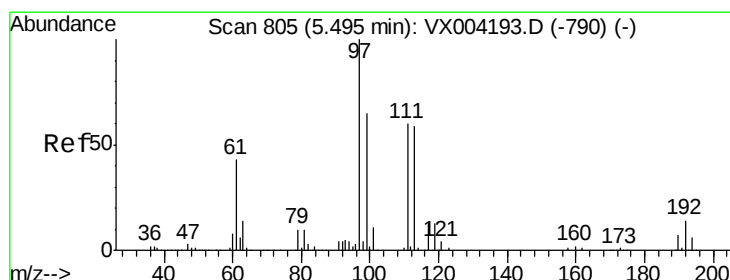
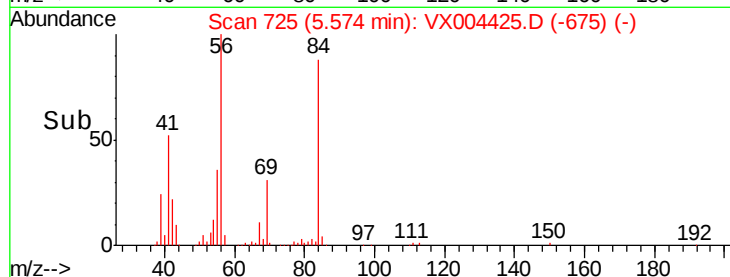
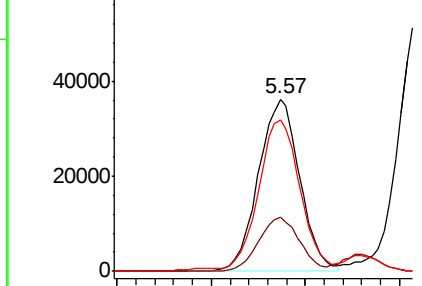
9/10/2018 11:15:33 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.16 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

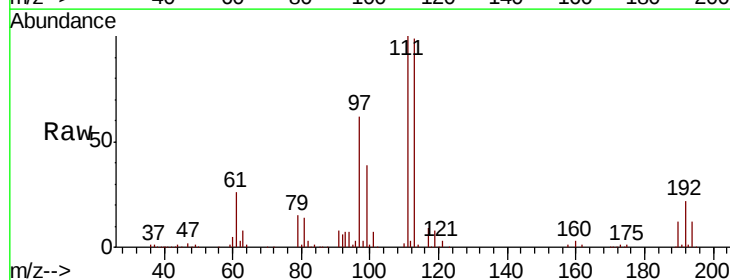
Tgt Ion: 97 Resp: 115261

Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

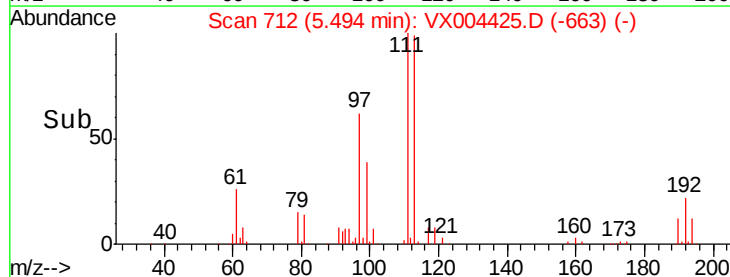
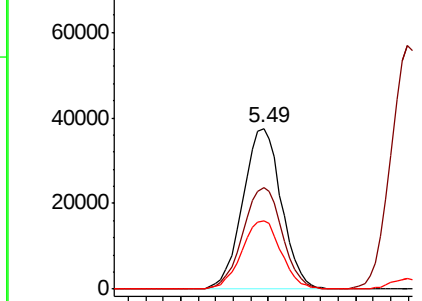
61 43.6 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





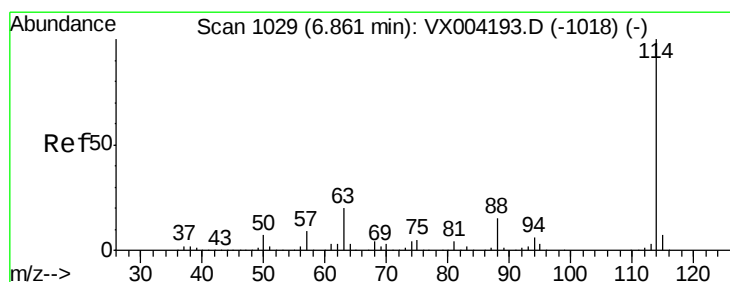
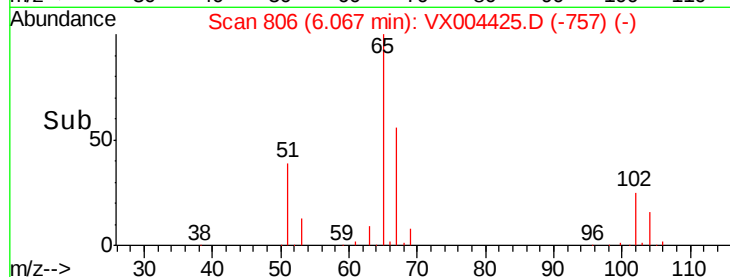
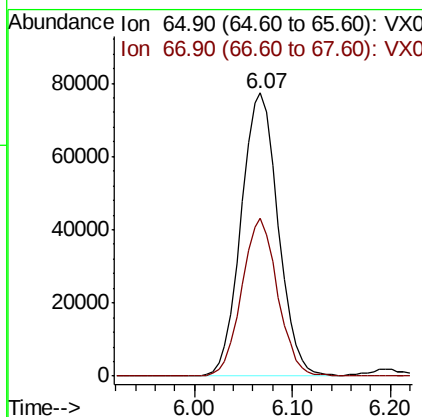
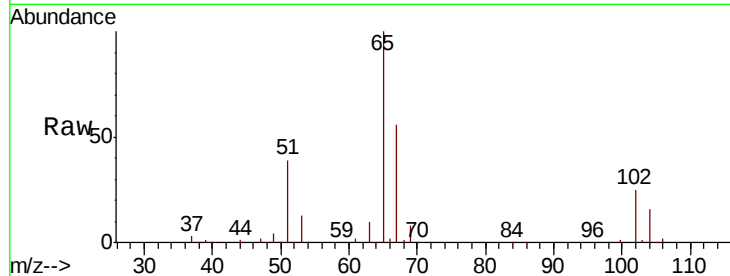
#33
 1,2-Dichloroethane-d4
 Concen: 48.29 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.8

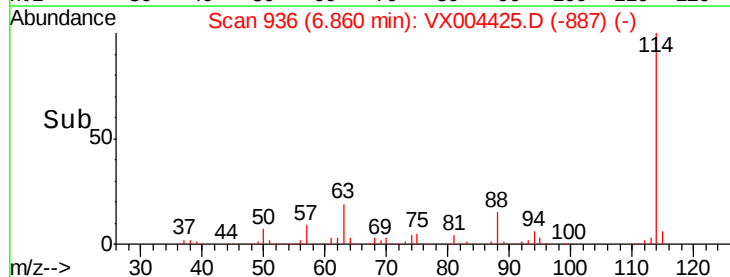
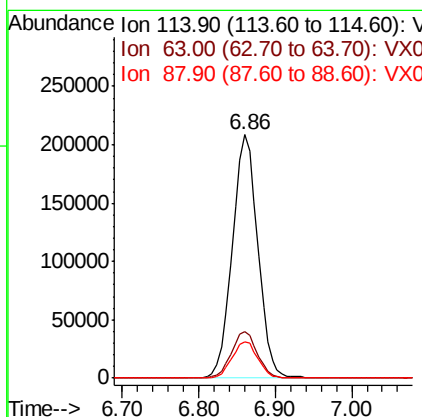
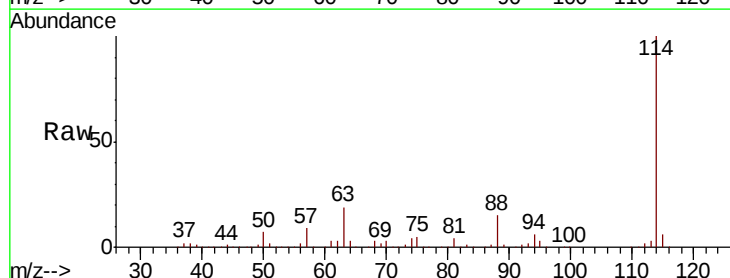
Manual Integrations
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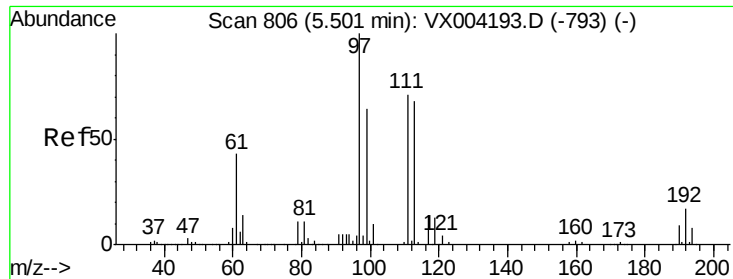
MMDadoda
 9/10/2018 11:15:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.0
88	15.1	0.0	30.4





#35

Dibromofluoromethane

Concen: 50.07 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

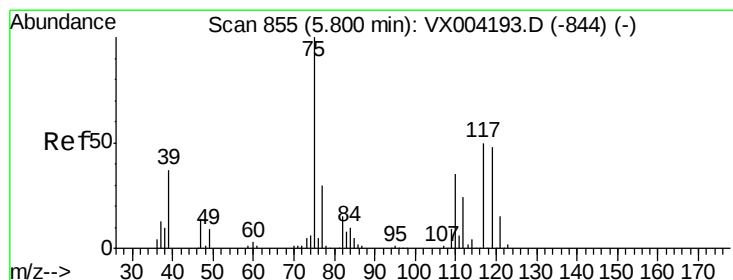
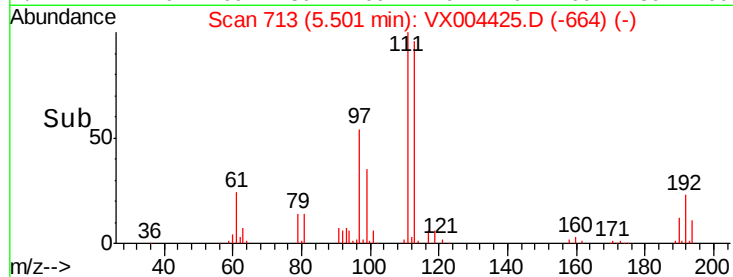
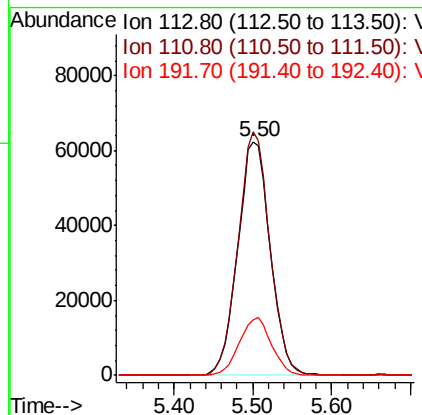
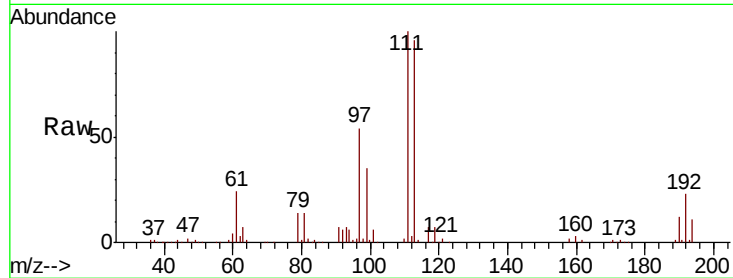
ClientSampleId :

VX0907WBSD02

Tot Ion:	113	Resp:	178984
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.4	123.6
192	24.2	19.4	29.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.53 ug/l

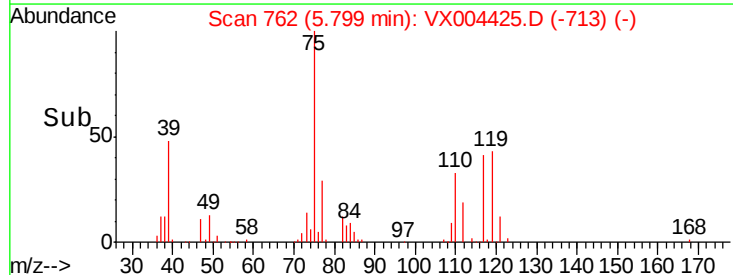
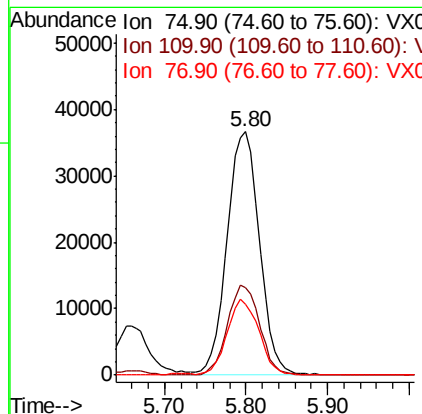
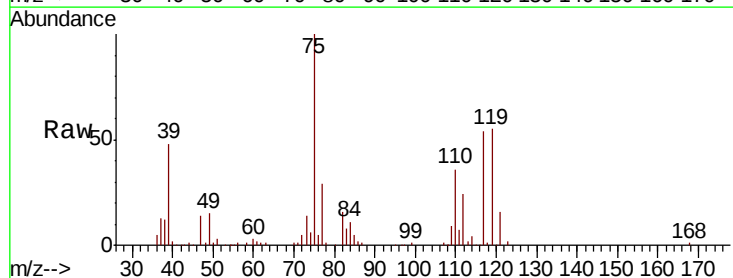
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Tgt Ion:	75	Resp:	100114
Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.0	54.0
77	30.7	24.6	36.8





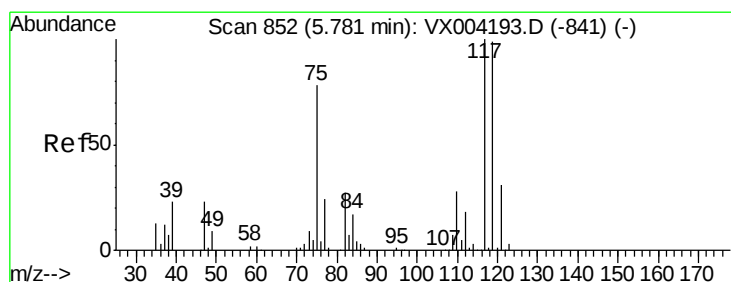
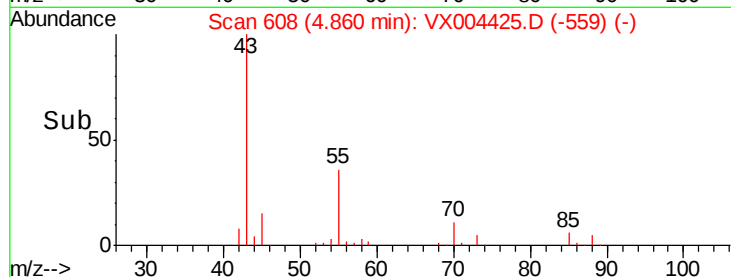
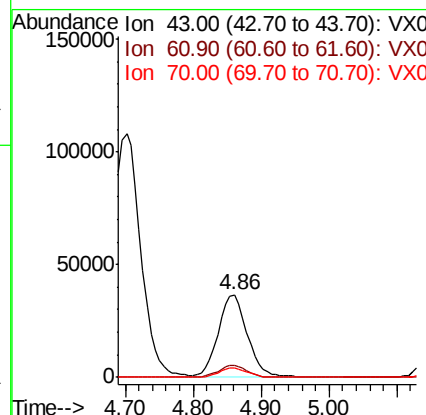
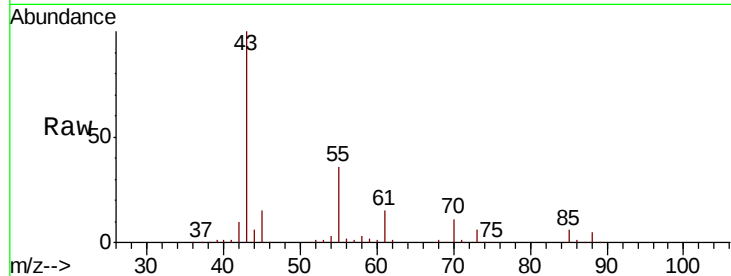
#37
Ethyl Acetate
Concen: 20.32 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	11.4	9.0	13.6

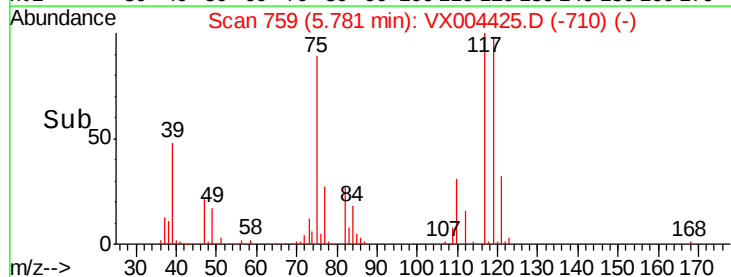
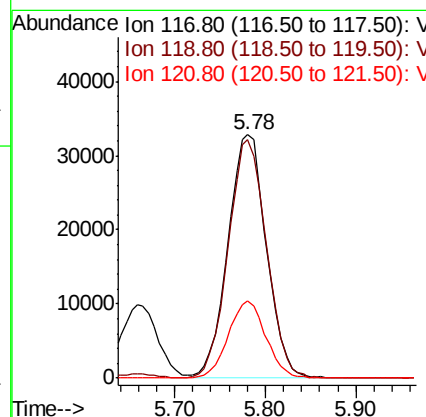
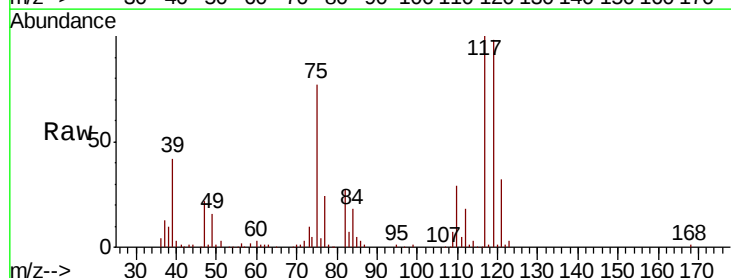
Manual Integrations
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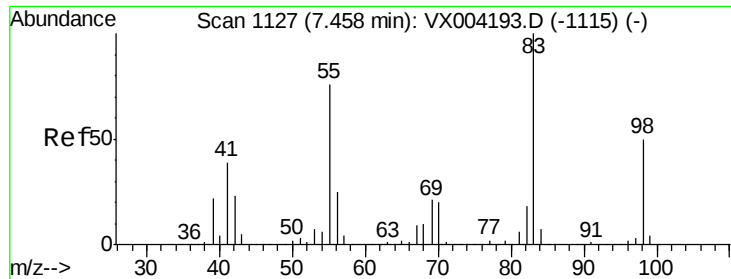
MMDadoda
9/10/2018 11:15:33 AM



#38
Carbon Tetrachloride
Concen: 19.02 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.8	118.2
121	32.0	24.9	37.3





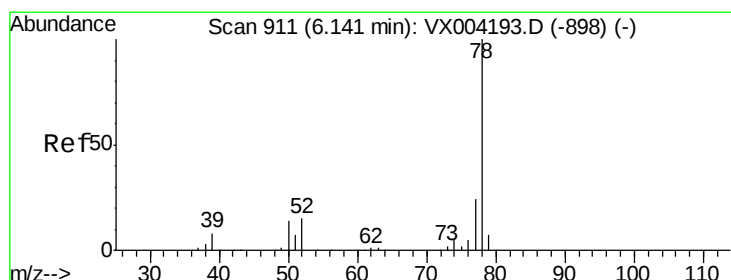
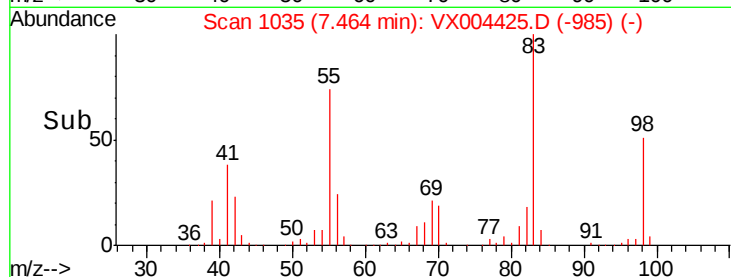
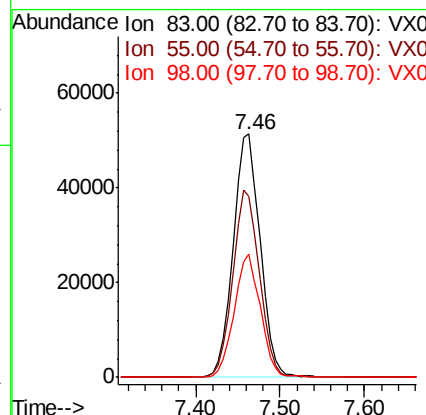
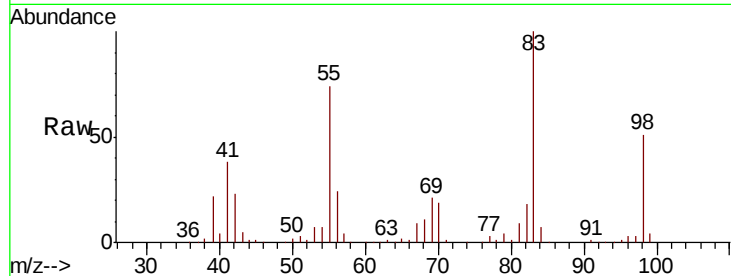
#39
Methvlcvclohexane
Concen: 18.09 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.2	61.0	91.4
98	50.8	39.6	59.4

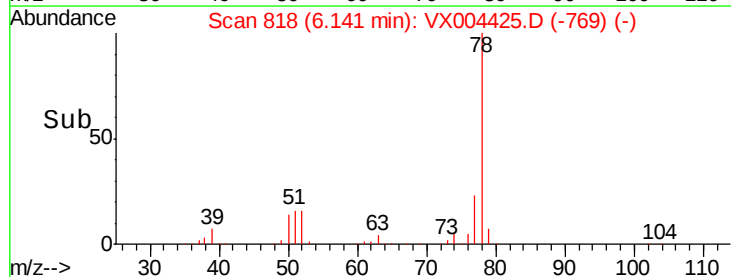
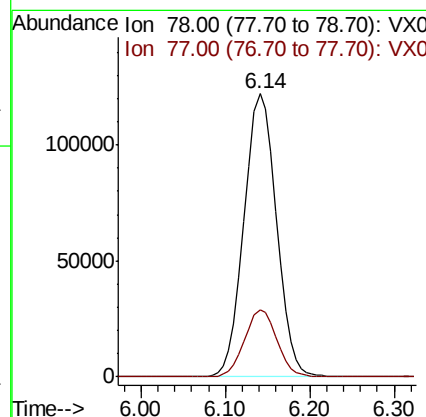
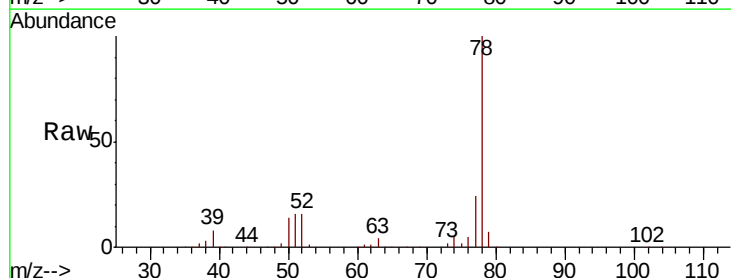
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#40
Benzene
Concen: 19.74 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





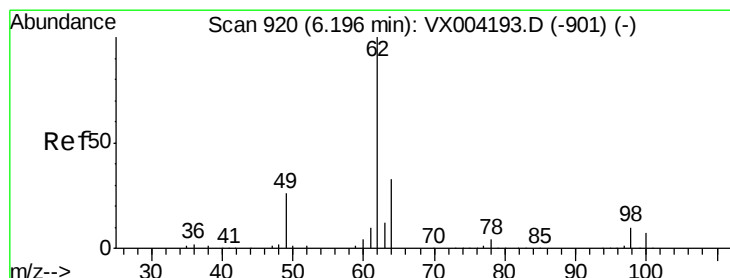
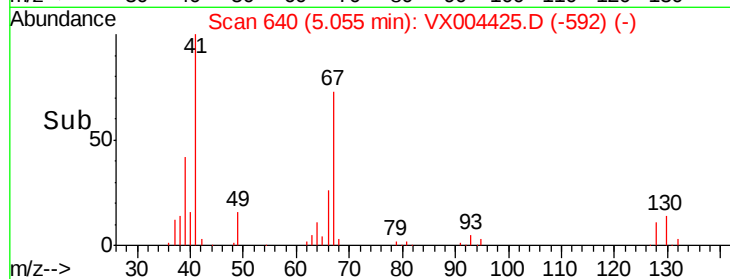
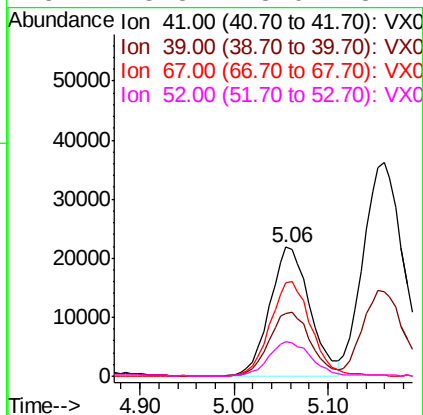
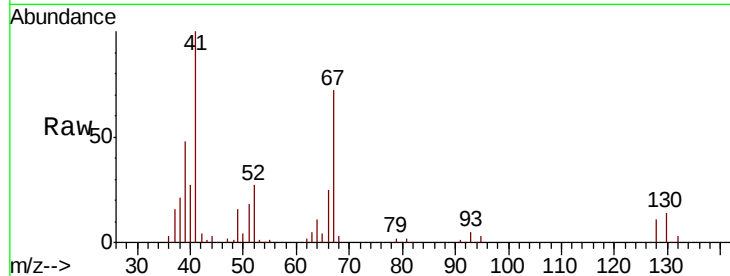
#41
Methacrylonitrile
Concen: 21.27 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion:	41	Resp:	65490
Ion	Ratio	Lower	Upper
41	100		
39	51.3	42.4	63.6
67	74.4	59.2	88.8
52	28.3	23.0	34.4

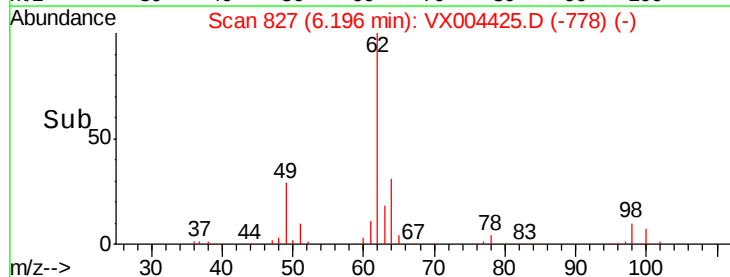
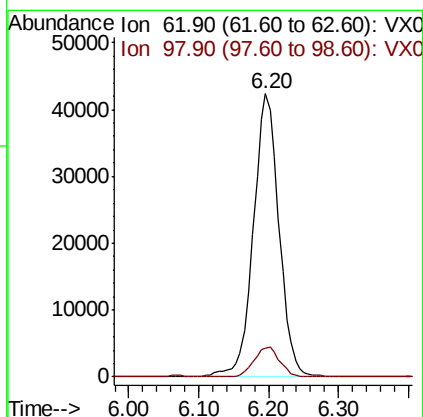
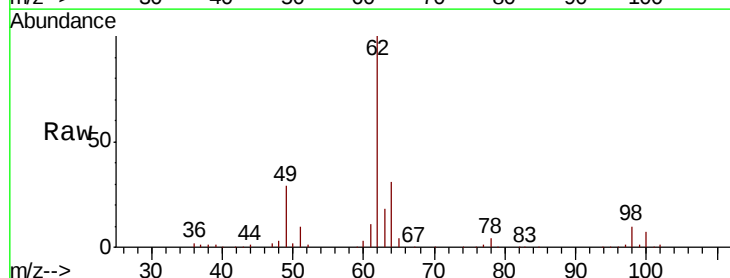
Manual Integrations
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9/10/2018 11:15:33 AM



#42
1,2-Dichloroethane
Concen: 19.59 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion:	62	Resp:	107882
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6





#43

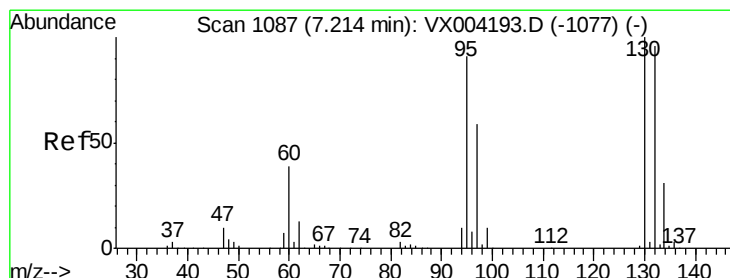
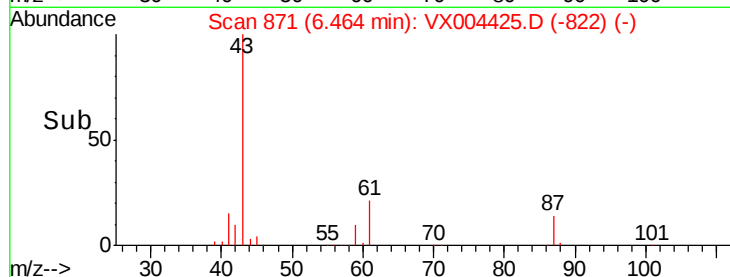
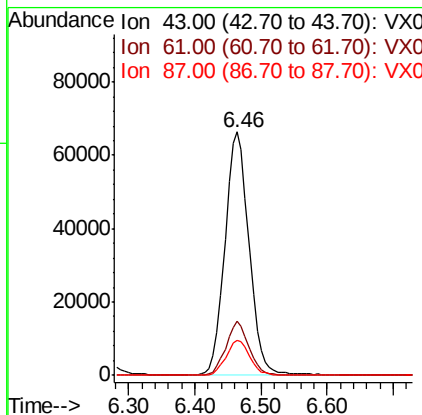
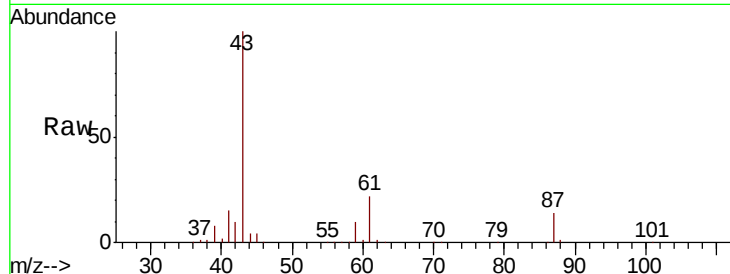
Isopropyl Acetate
 Concen: 20.49 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.0	25.4
87	14.3	11.4	17.2

Manual Integrations
 APPROVED

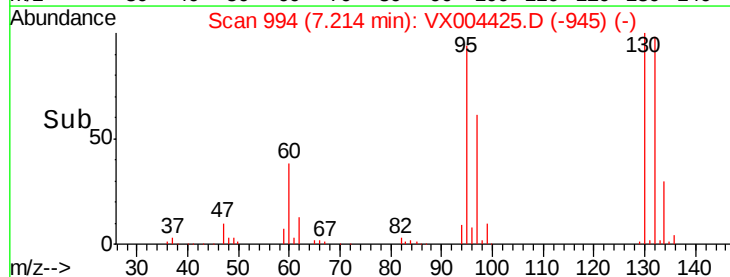
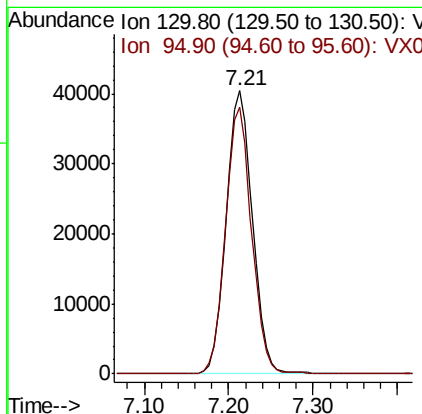
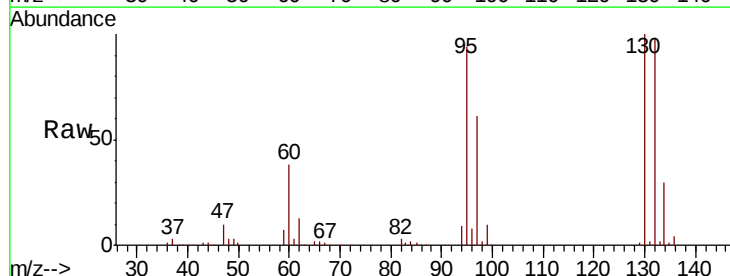
MMDadoda
 9/10/2018 11:15:33 AM

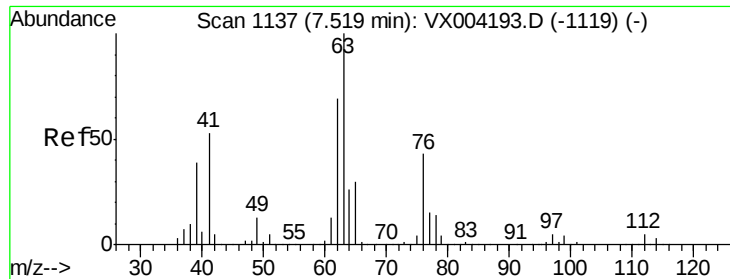


#44

Trichloroethene
 Concen: 19.28 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	181.6





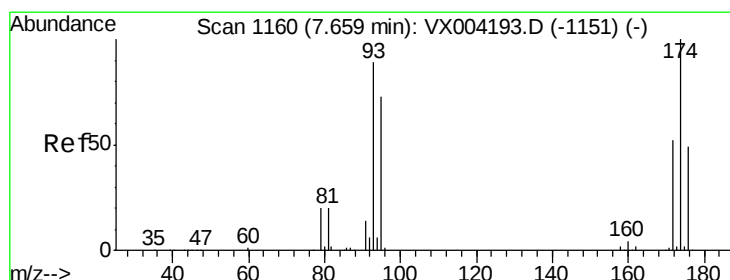
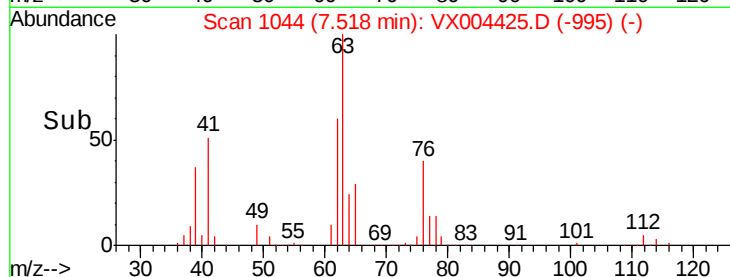
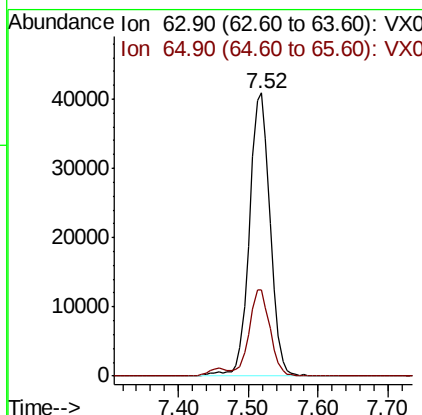
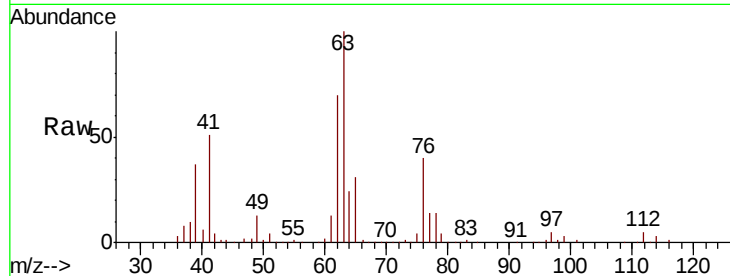
#45
 1,2-Dichloropropane
 Concen: 20.80 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

Tot Ion: 63 Resp: 84055
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.3 36.5

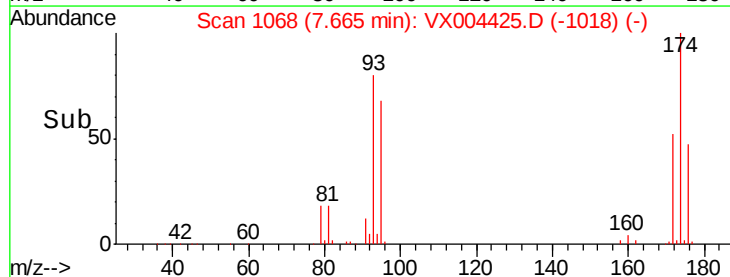
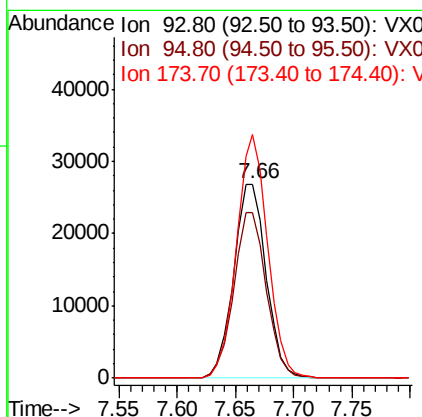
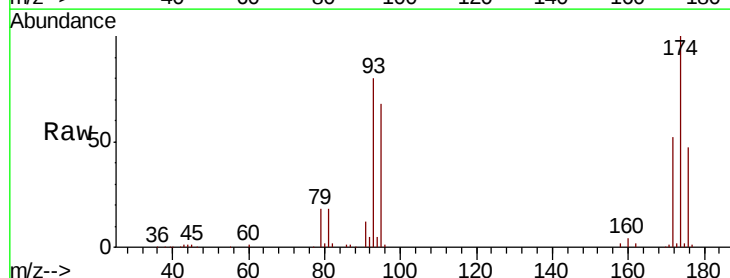
Manual Integrations
 APPROVED

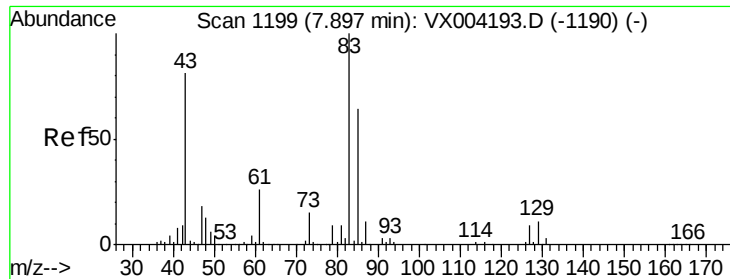
MMDadoda
 9/10/2018 11:15:33 AM



#46
 Dibromomethane
 Concen: 19.43 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion: 93 Resp: 52280
 Ion Ratio Lower Upper
 93 100
 95 85.5 65.5 98.3
 174 120.8 94.2 141.4





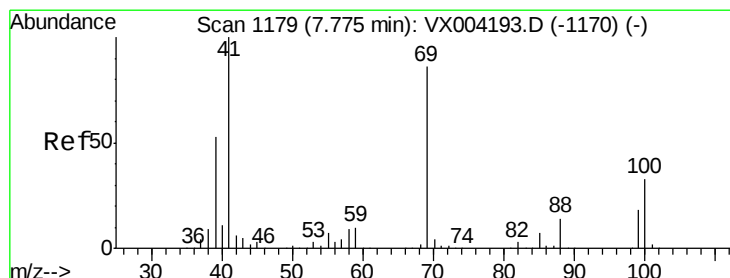
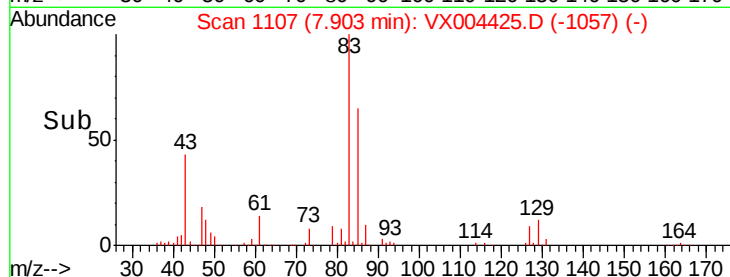
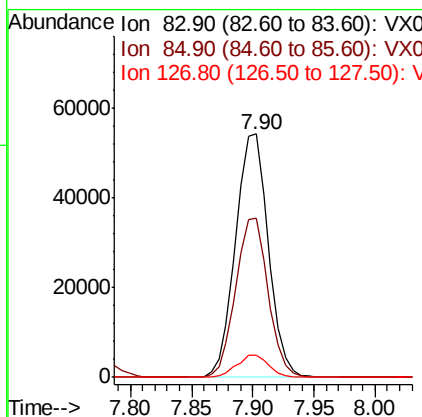
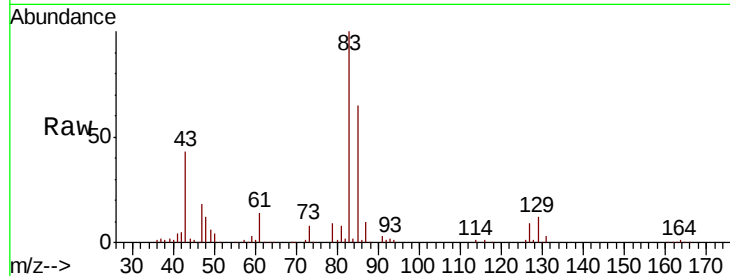
#47
Bromodichloromethane
Concen: 20.21 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.9	76.3
127	9.3	7.3	10.9

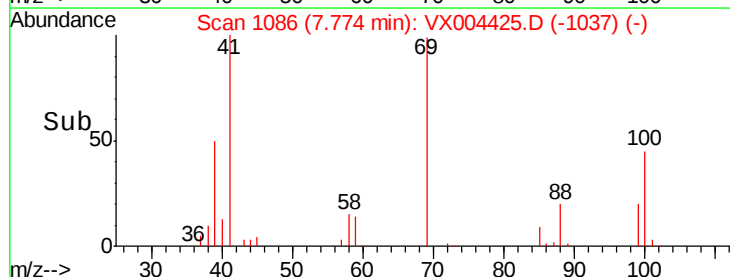
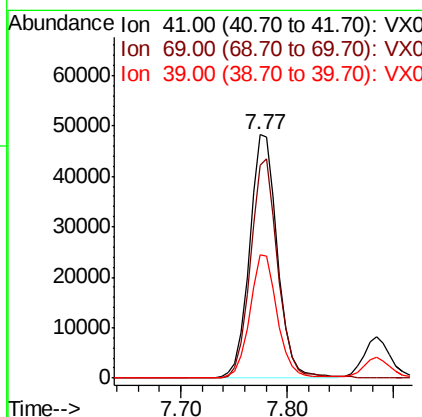
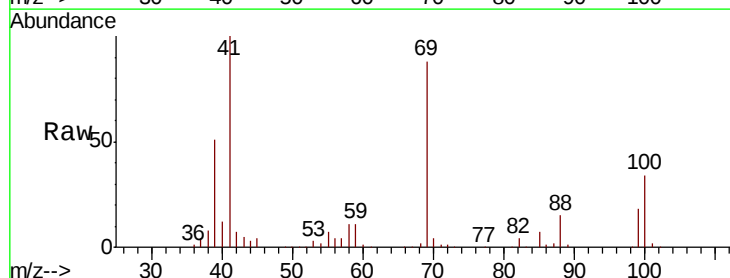
Manual Integrations
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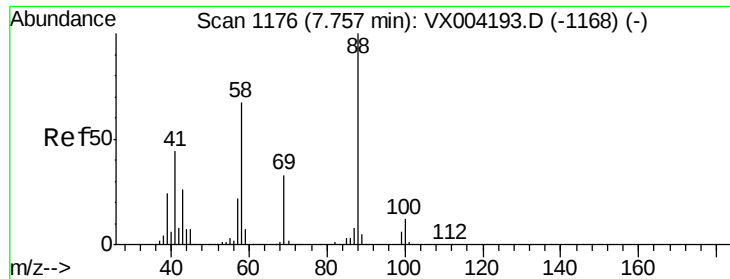
MMDadoda
9/10/2018 11:15:33 AM



#48
Methyl methacrylate
Concen: 20.22 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.6	70.2	105.4
39	50.6	42.7	64.1





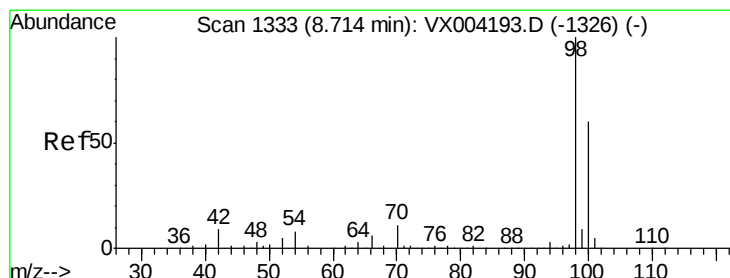
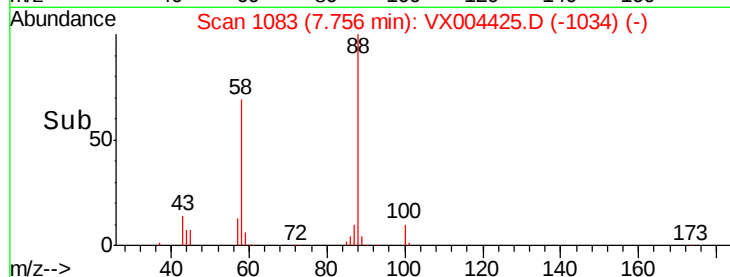
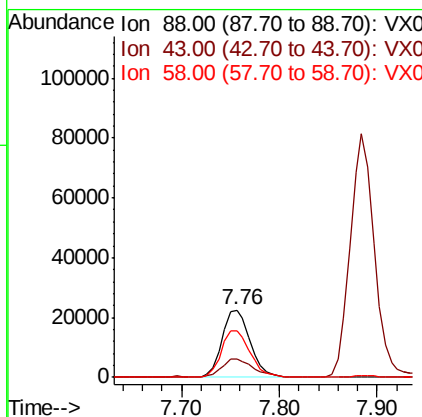
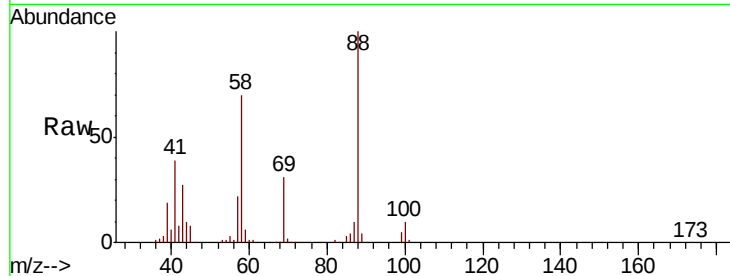
#49
1,4-Dioxane
Concen: 456.88 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	24.7	37.1
58	70.9	55.3	82.9

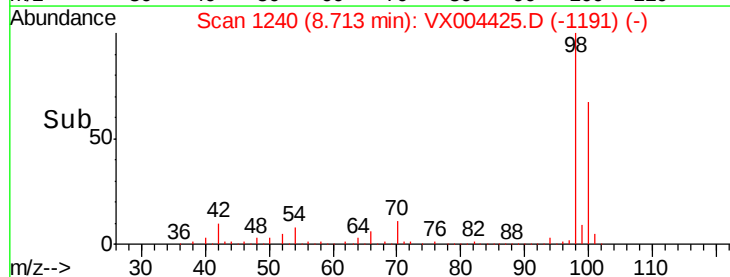
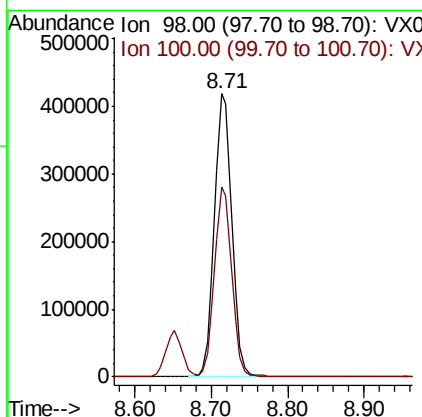
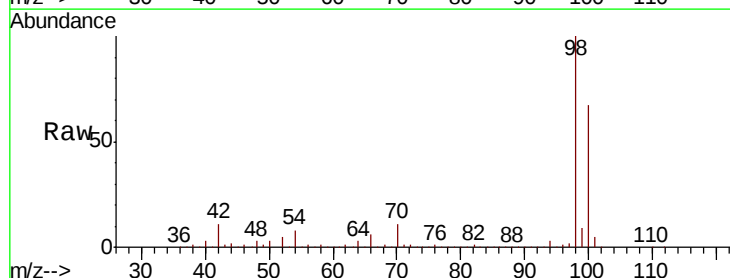
Manual Integrations
APPROVED

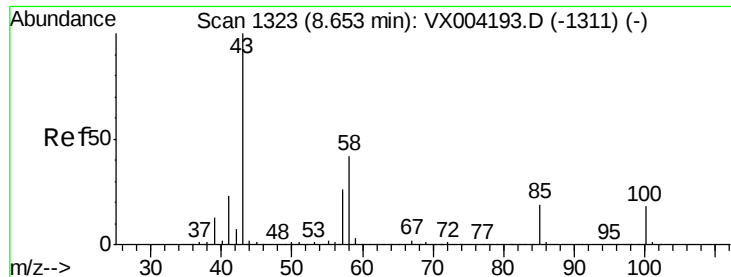
MMDadoda
9/10/2018 11:15:33 AM



#50
Toluene-d8
Concen: 48.94 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 100.73 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

Tot Ion: 43 Resp: 597503

Ion Ratio Lower Upper

43 100

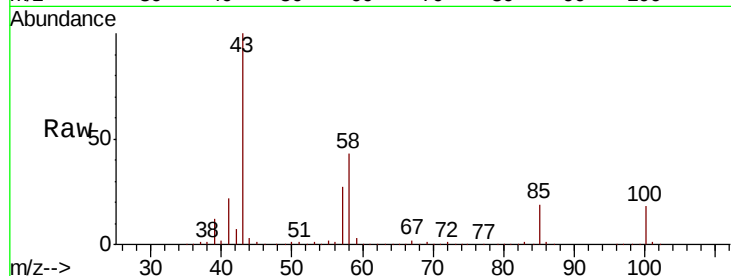
58 41.2 33.1 49.7

Manual Integrations

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MMDadoda

9/10/2018 11:15:33 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

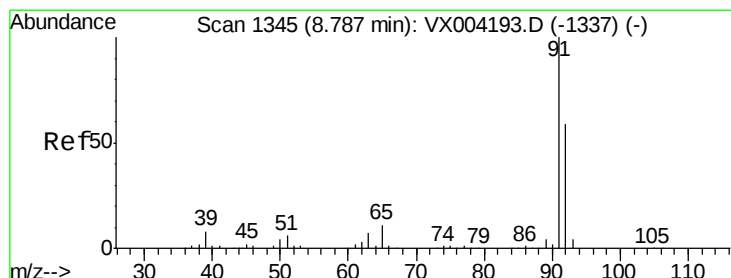
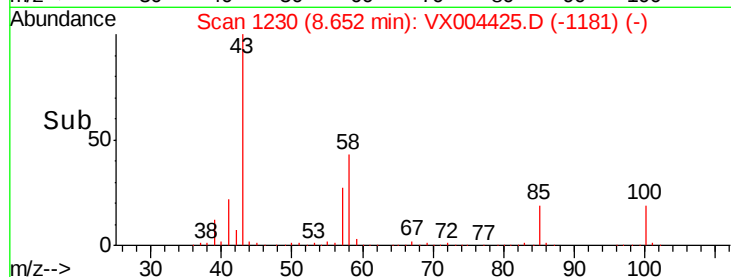
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.11 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004425.D

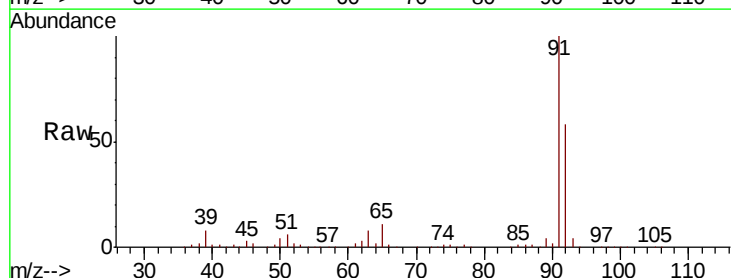
Acq: 08 Sep 2018 00:05

Tgt Ion: 92 Resp: 203209

Ion Ratio Lower Upper

92 100

91 170.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

250000

200000

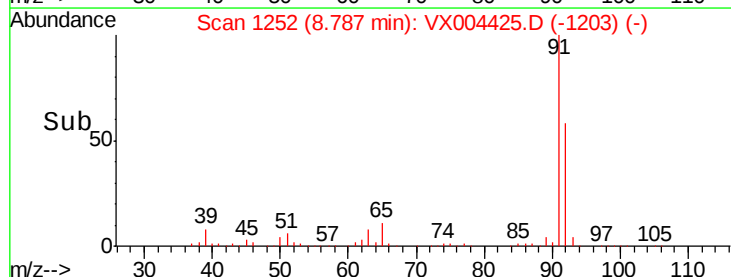
150000

100000

50000

0

Time-->





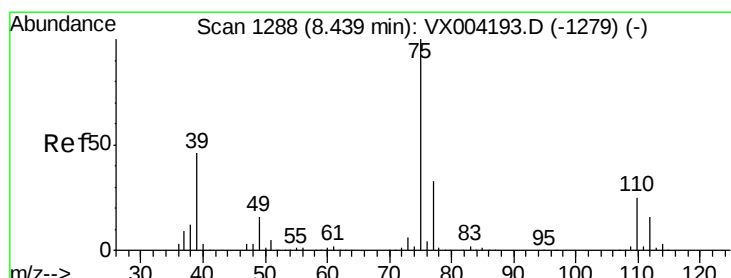
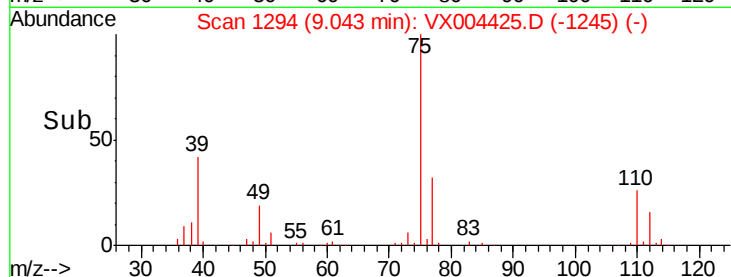
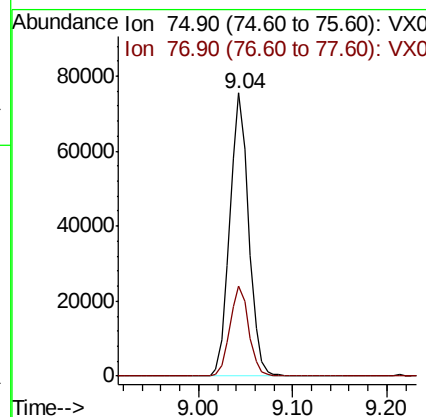
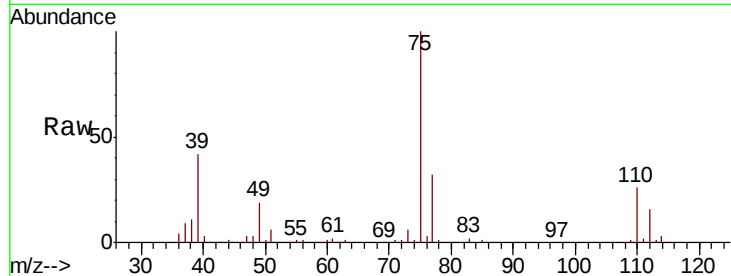
#53
t-1,3-Dichloropropene
Concen: 19.04 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion: 75 Resp: 105268
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0

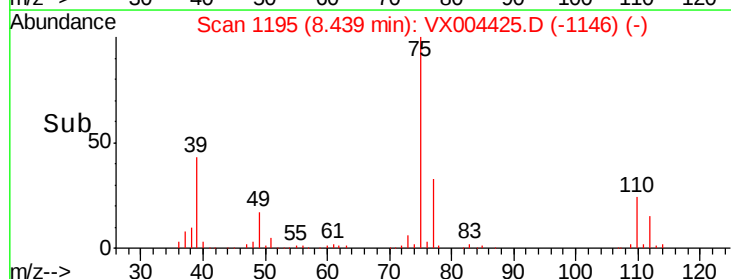
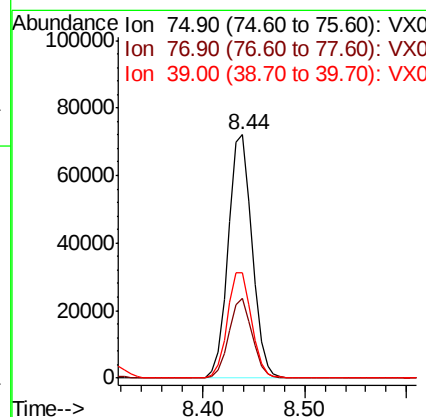
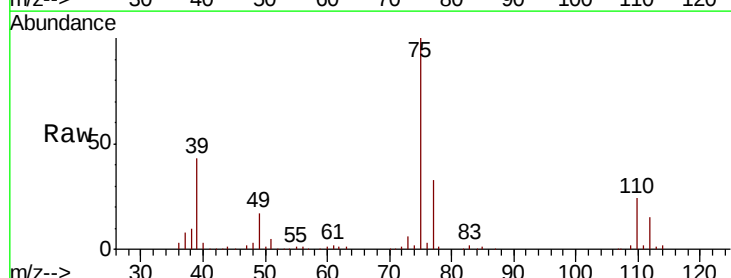
Manual Integrations
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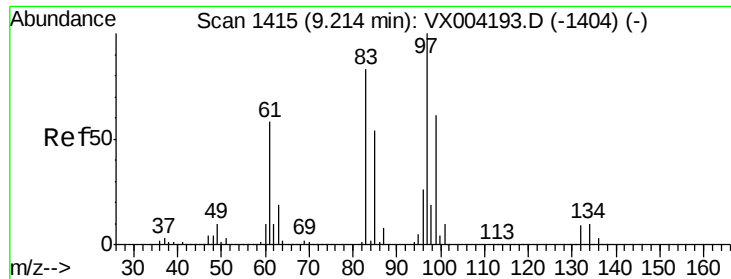
MMDadoda
9/10/2018 11:15:33 AM



#54
cis-1,3-Dichloropropene
Concen: 19.38 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion: 75 Resp: 116725
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
39 43.0 36.4 54.6





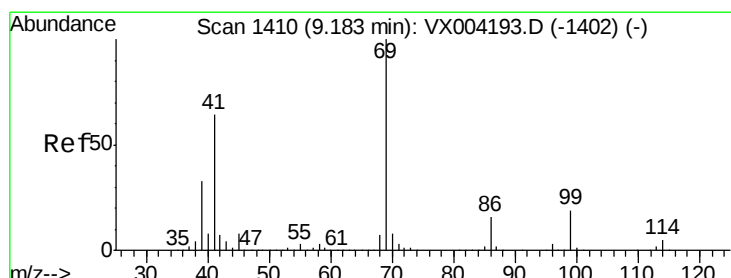
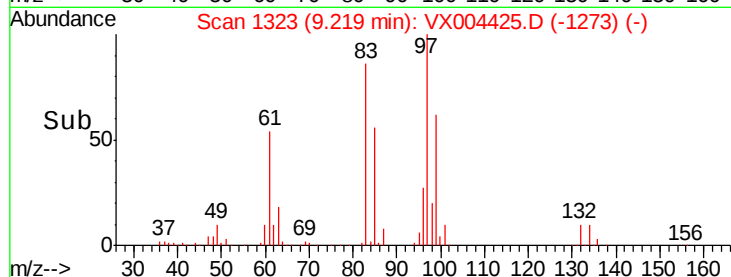
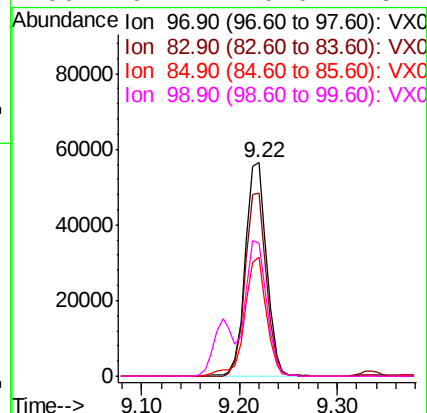
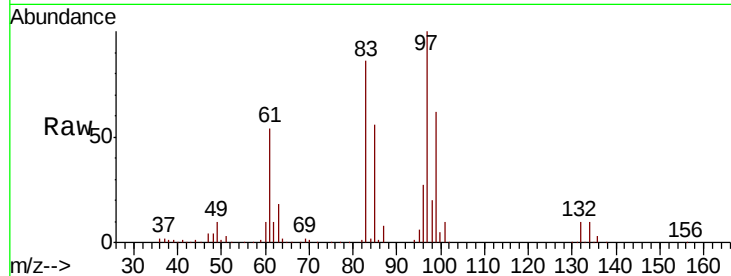
#55
 1,1,2-Trichloroethane
 Concen: 20.89 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

Tot Ion:	97	Resp:	85195
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.4	99.6
85	55.9	43.3	64.9
99	62.2	49.0	73.4

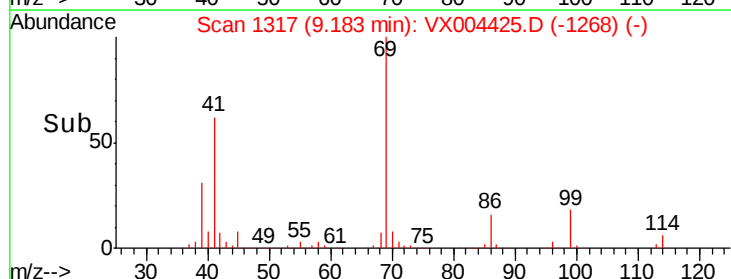
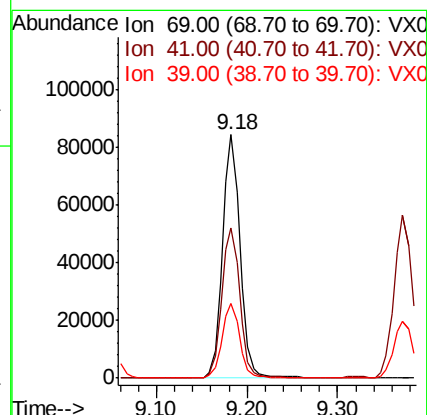
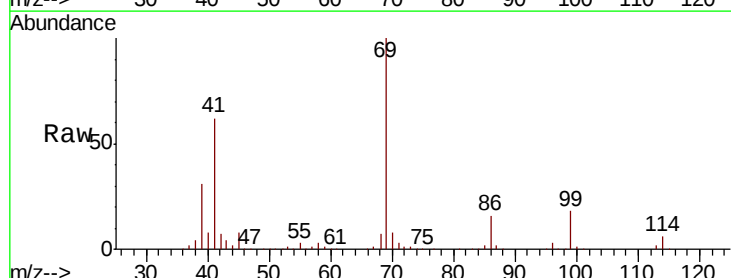
Manual Integrations
 APPROVED

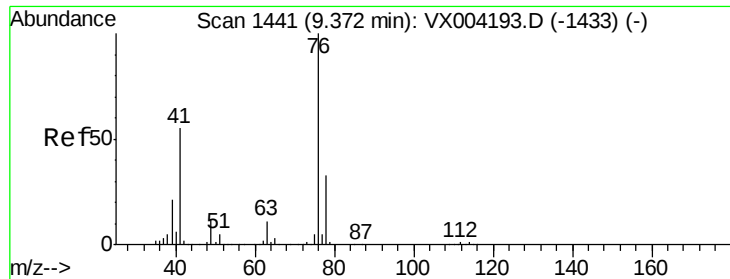
MMDadoda
 9/10/2018 11:15:33 AM



#56
 Ethyl methacrylate
 Concen: 20.68 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion:	69	Resp:	114810
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.0	76.4
39	30.6	26.1	39.1





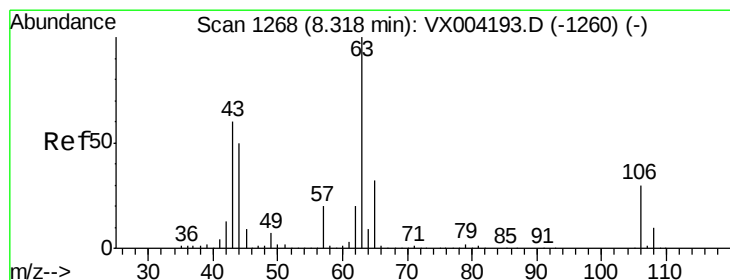
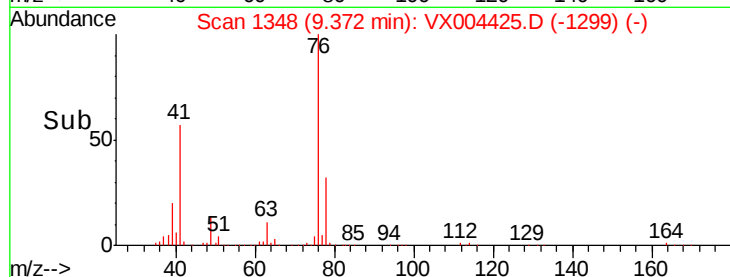
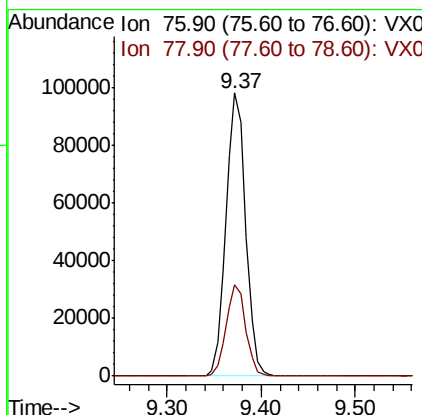
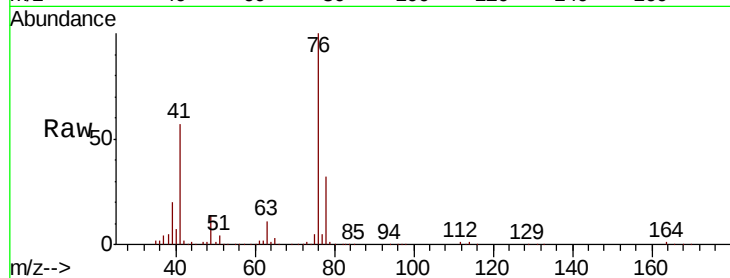
#57
 1,3-Dichloropropane
 Concen: 20.70 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.5	38.3

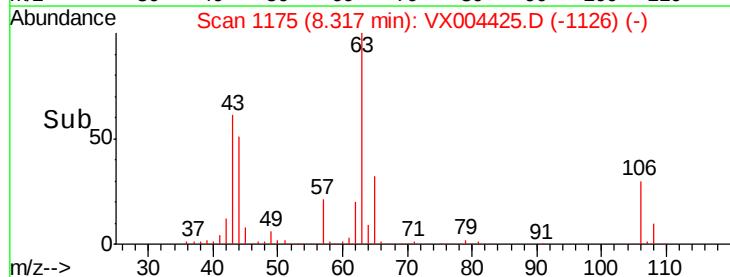
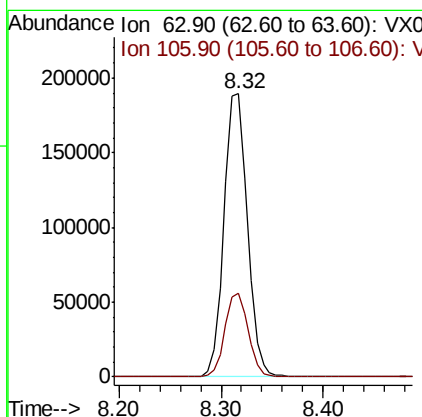
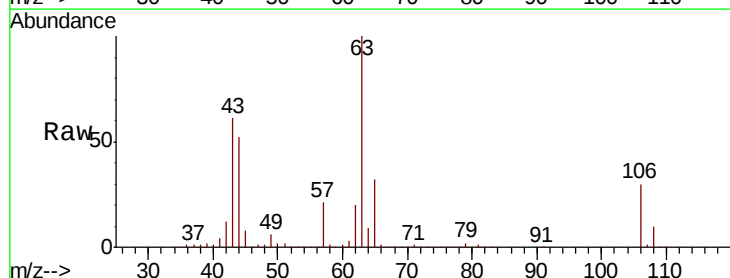
Manual Integrations
 APPROVED

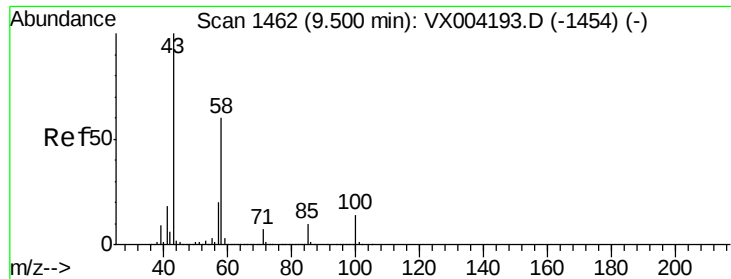
MMDadoda
 9/10/2018 11:15:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.30 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.9	35.9





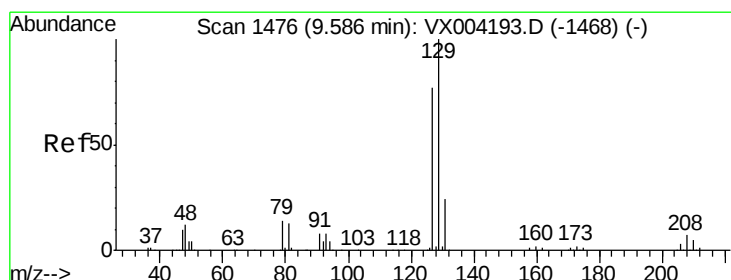
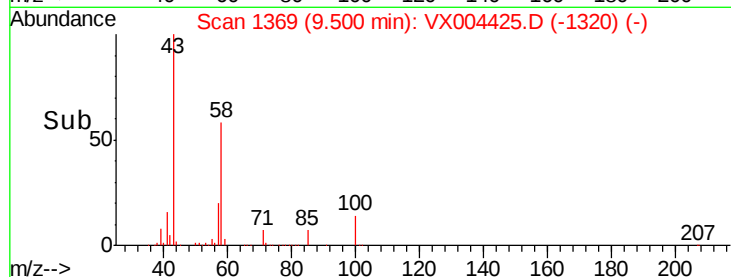
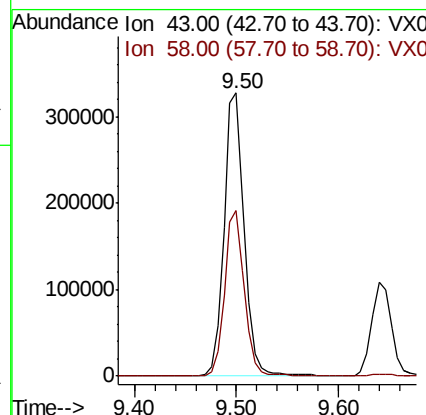
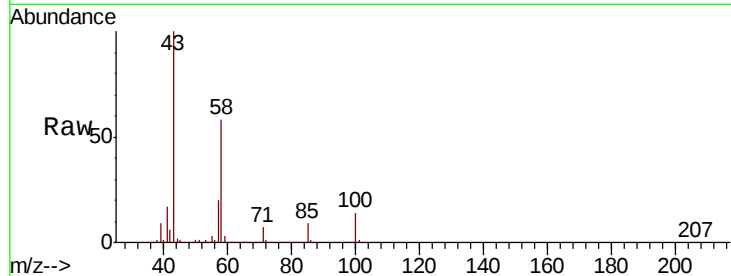
#59
2-Hexanone
Concen: 99.91 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampled :
VX0907WBSD02

Tot Ion: 43 Resp: 452147
Ion Ratio Lower Upper
43 100
58 57.3 29.0 87.0

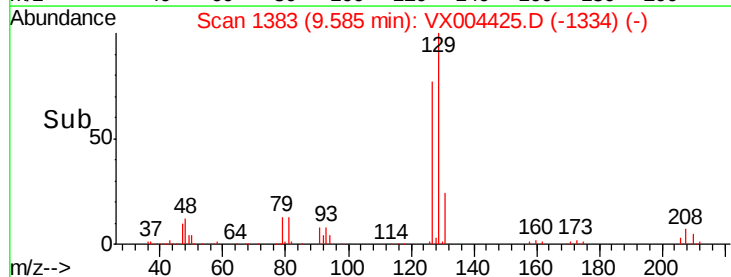
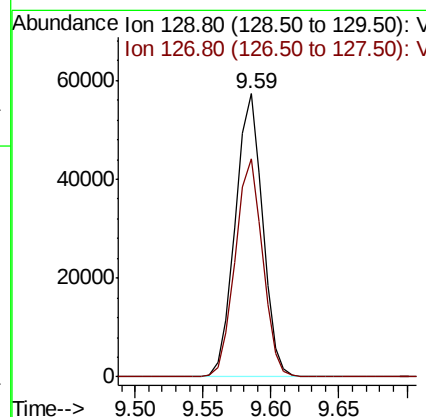
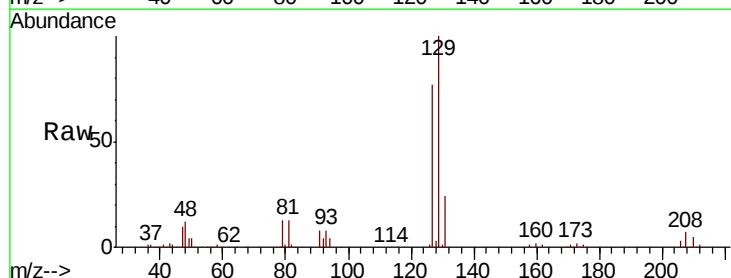
Manual Integrations
APPROVED

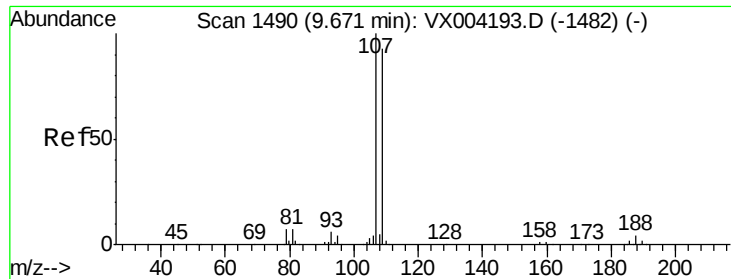
MMDadoda
9/10/2018 11:15:33 AM



#60
Dibromochloromethane
Concen: 20.21 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion: 129 Resp: 80312
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.24 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

Tot Ion:107 Resp: 85455

Ion Ratio Lower Upper

107 100

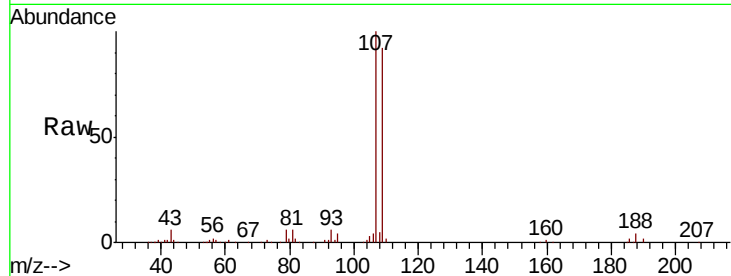
109 94.1 76.0 114.0

Manual Integrations

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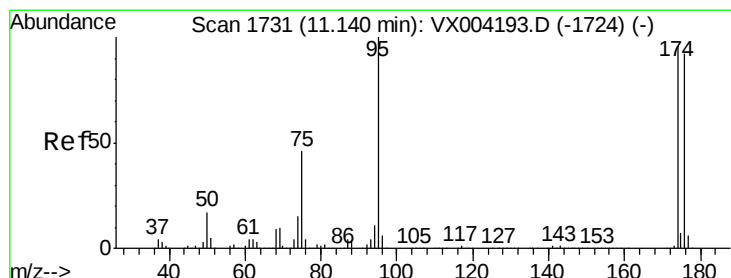
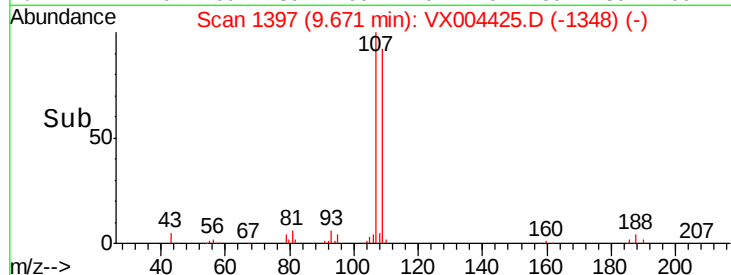
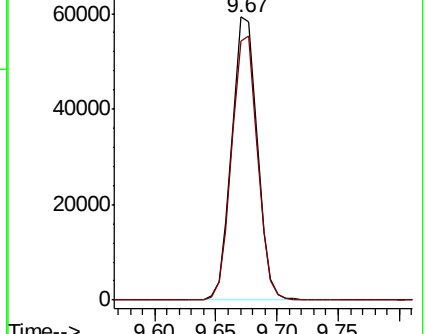
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9/10/2018 11:15:33 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.92 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

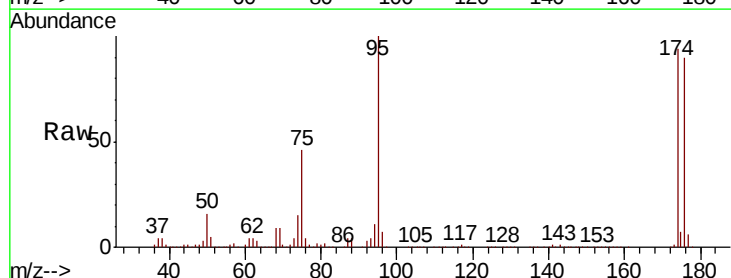
Tgt Ion: 95 Resp: 251365

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.2

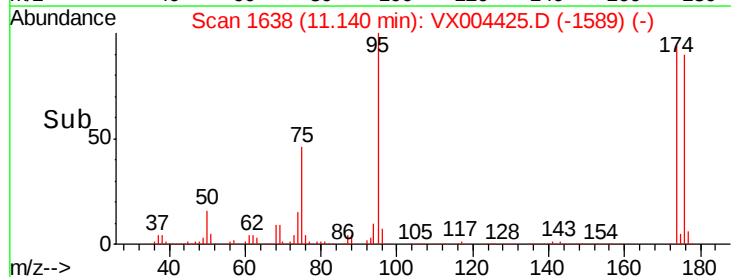
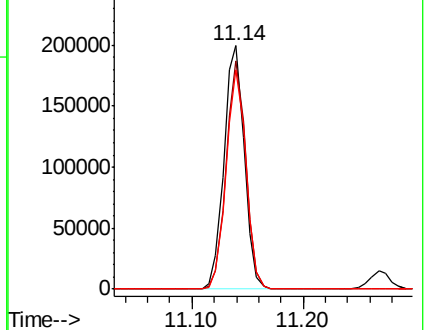
176 88.3 0.0 178.6

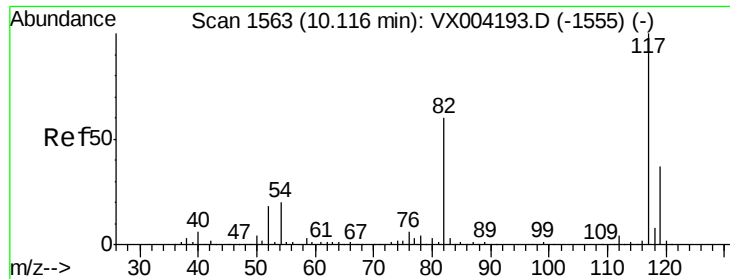


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





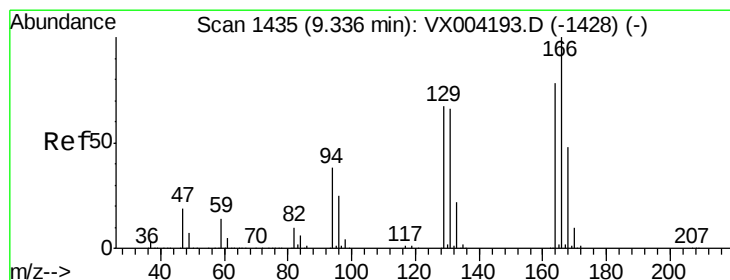
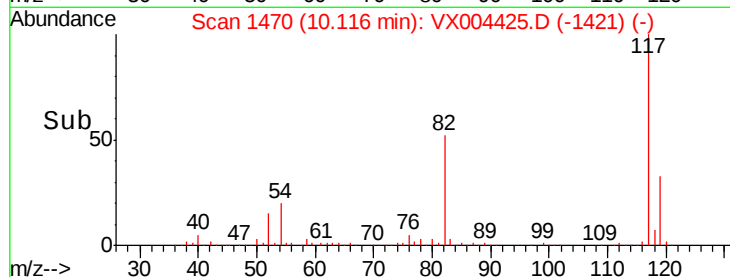
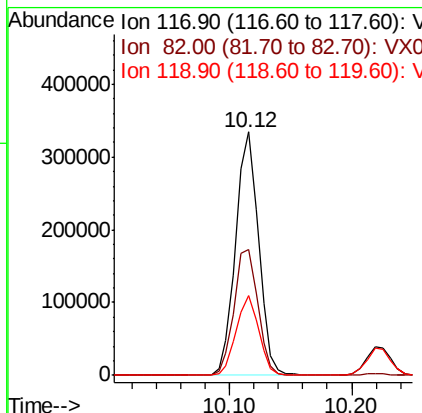
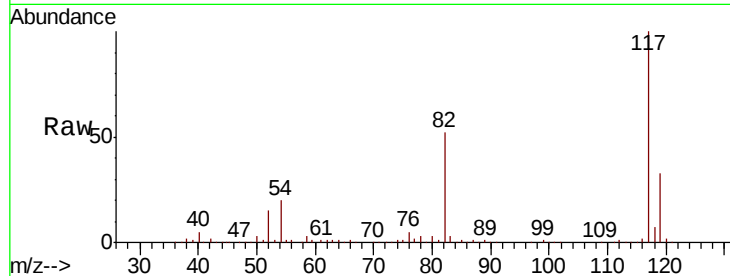
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	47.8	71.6
119	32.8	29.3	43.9

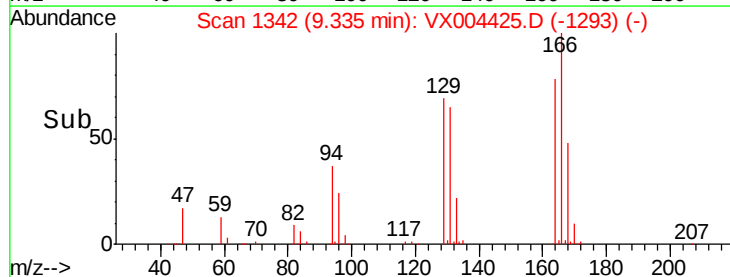
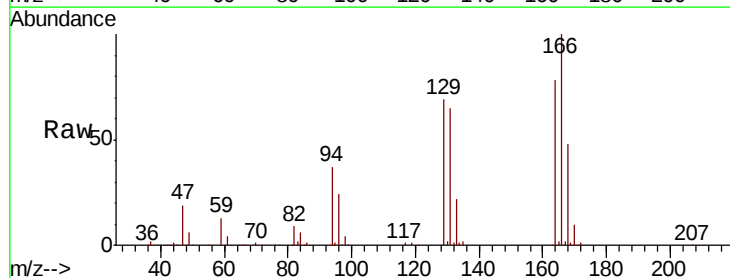
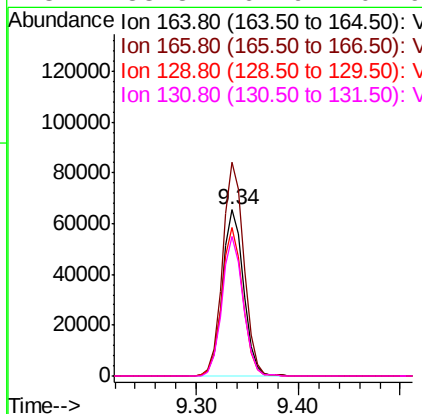
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#64
Tetrachloroethene
Concen: 22.12 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.8	154.2
129	89.1	69.4	104.0
131	83.8	67.9	101.9





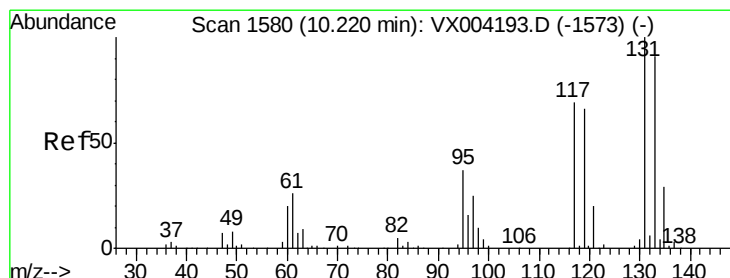
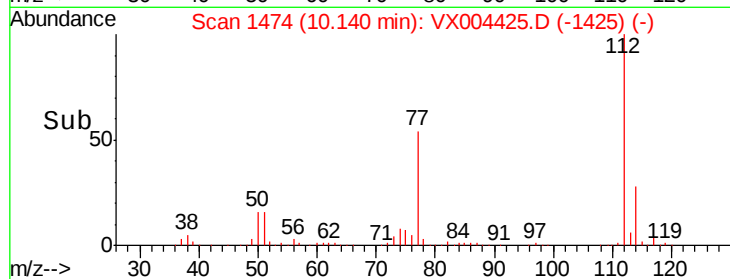
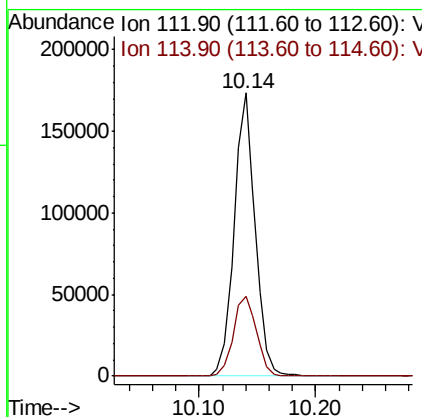
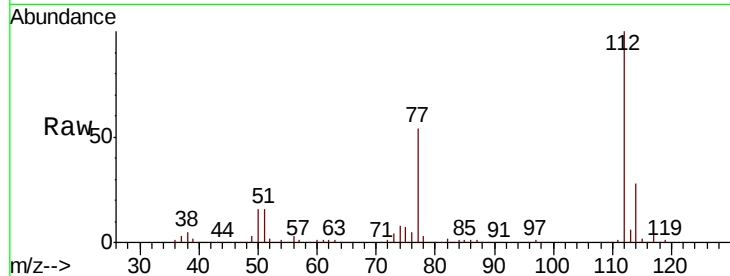
#65
Chlorobenzene
Concen: 20.00 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion:112 Resp: 217554
Ion Ratio Lower Upper
112 100
114 28.3 27.8 41.8

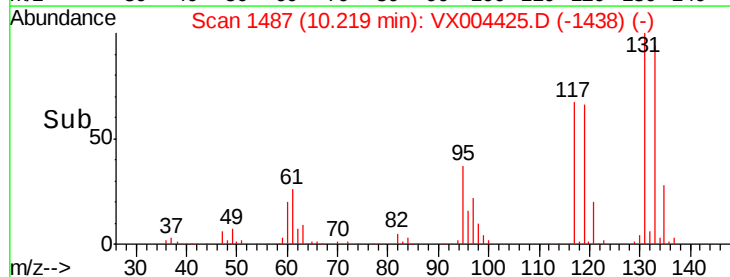
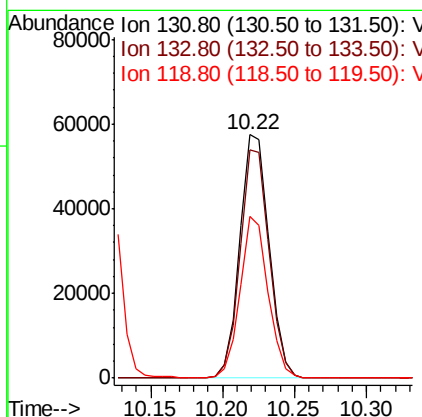
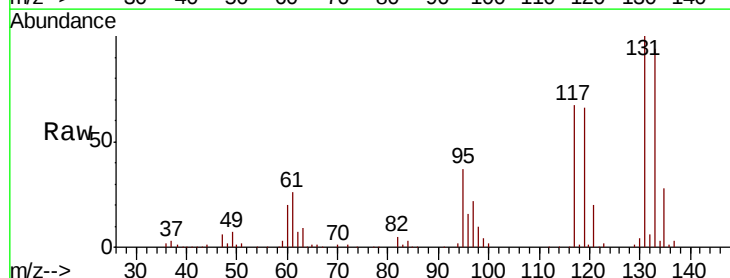
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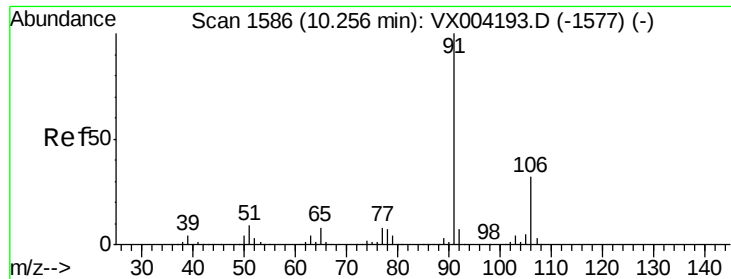
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.60 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion:131 Resp: 81044
Ion Ratio Lower Upper
131 100
133 93.1 48.1 144.4
119 63.5 32.9 98.6





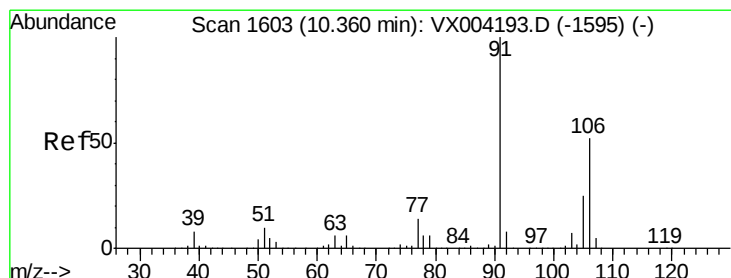
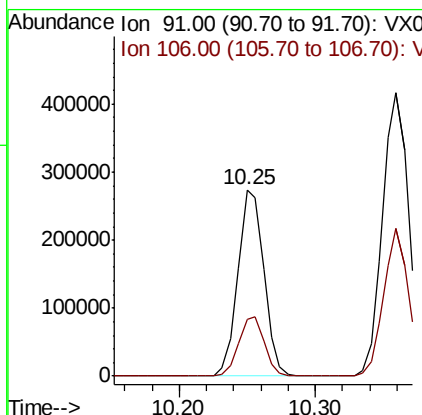
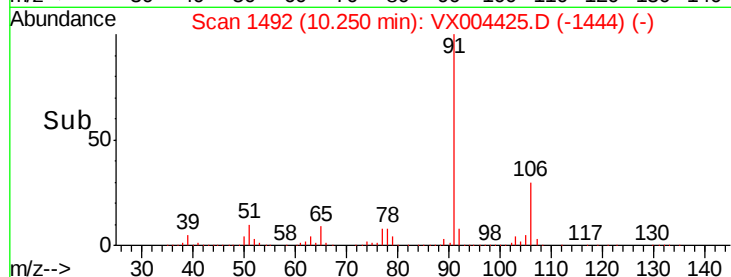
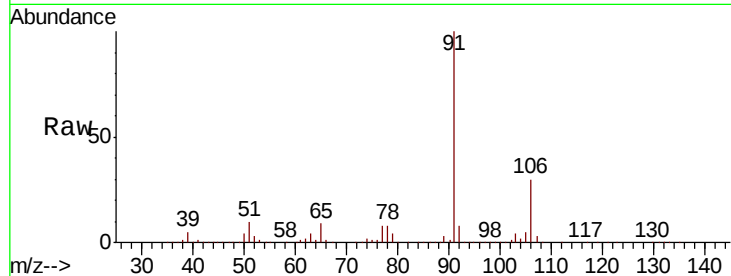
#67
Ethyl Benzene
Concen: 20.69 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion: 91 Resp: 365432
Ion Ratio Lower Upper
91 100
106 30.4 25.9 38.9

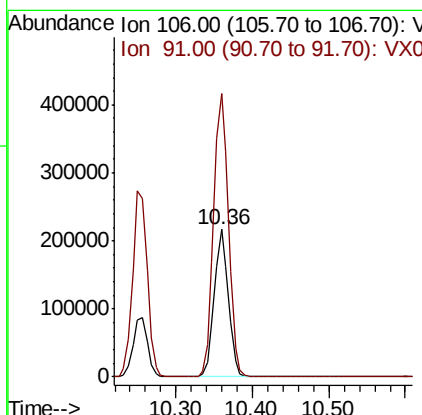
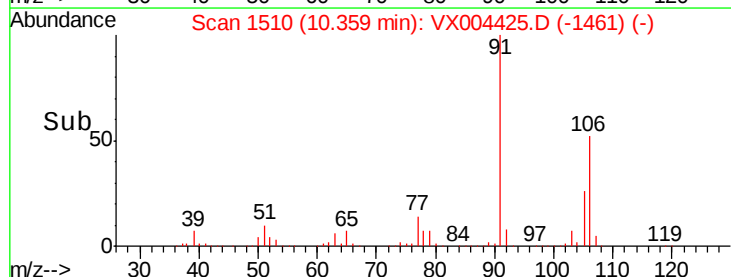
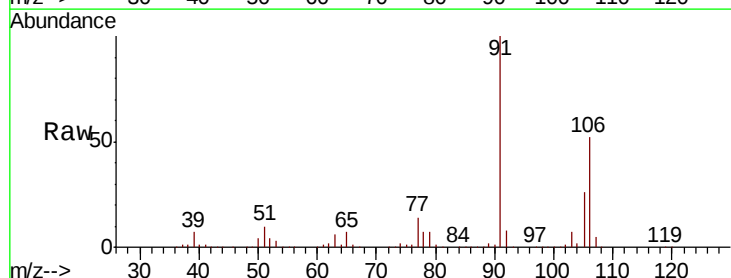
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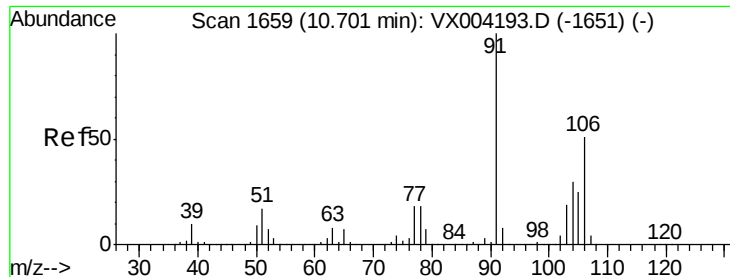
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9/10/2018 11:15:33 AM



#68
m/p-Xylenes
Concen: 40.22 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion: 106 Resp: 277805
Ion Ratio Lower Upper
106 100
91 202.5 157.1 235.7





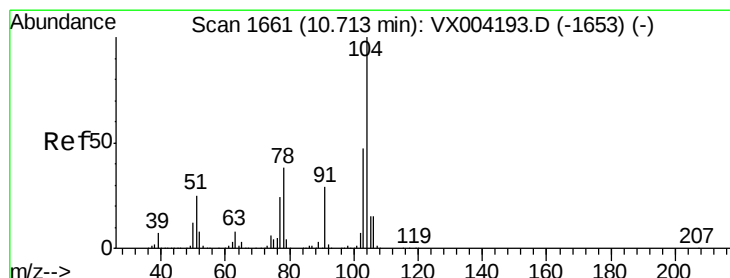
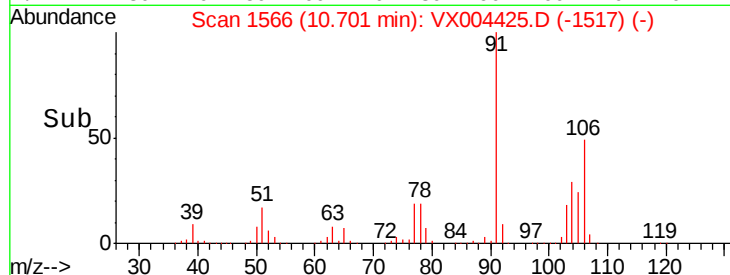
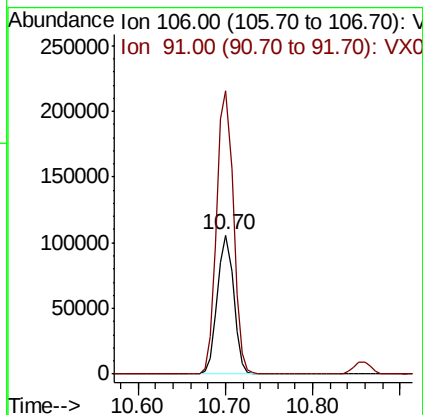
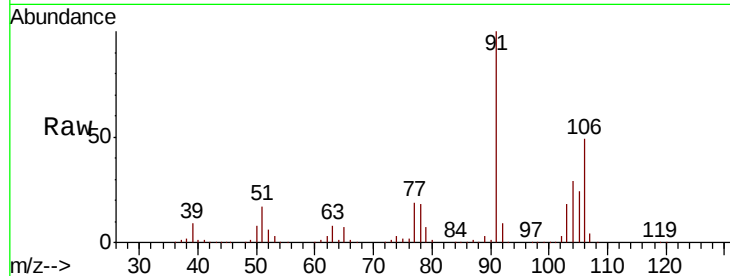
#69
o-Xylene
Concen: 20.94 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion:106 Resp: 136806
Ion Ratio Lower Upper
106 100
91 208.7 105.1 315.1

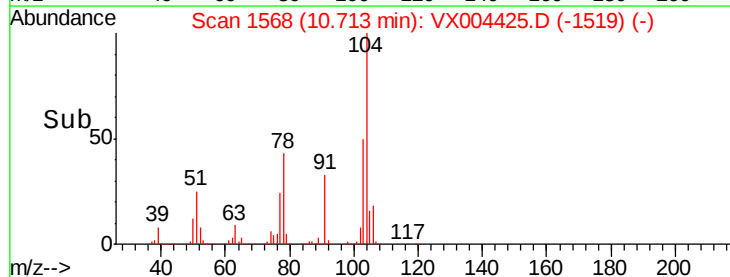
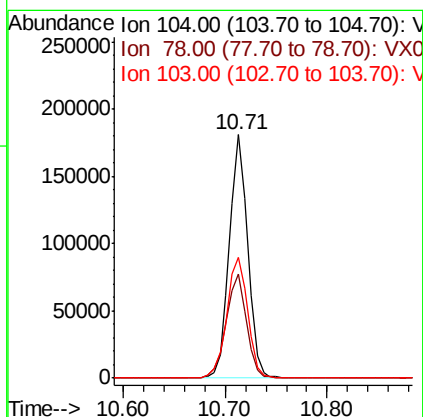
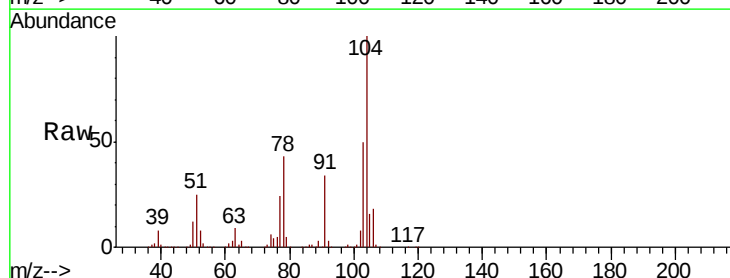
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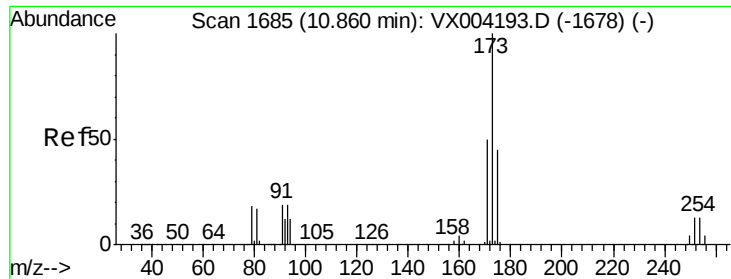
MMDadoda
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#70
Styrene
Concen: 21.31 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion:104 Resp: 225445
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.0
103 56.3 43.8 65.6





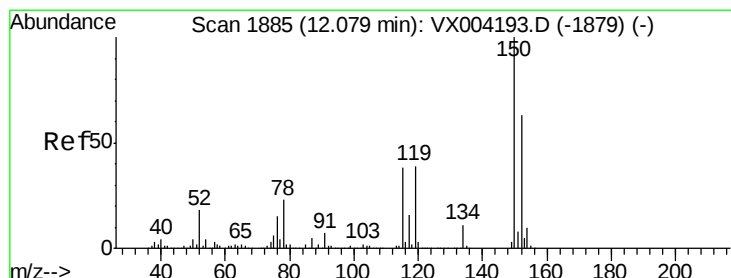
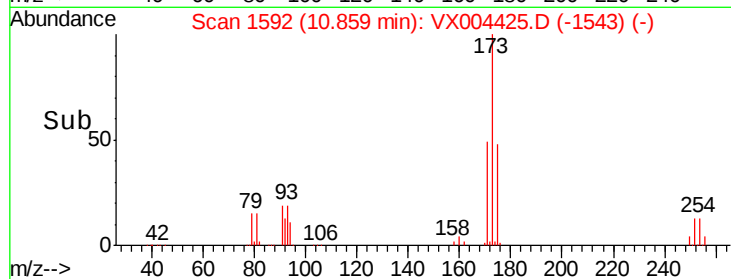
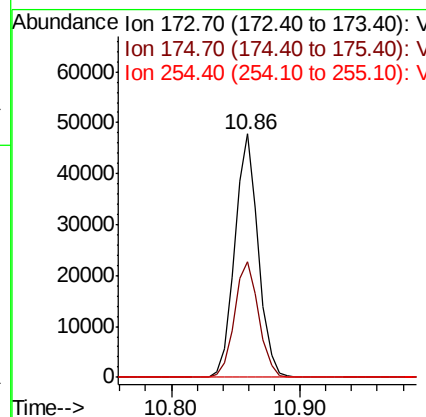
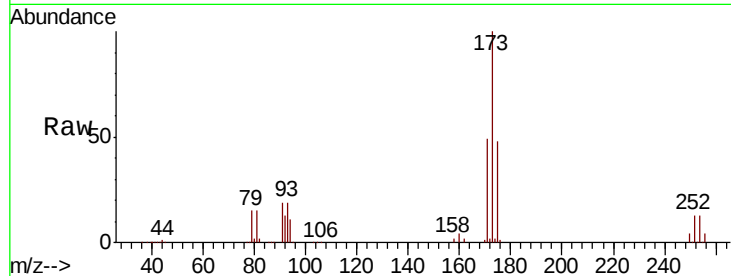
#71
Bromoform
Concen: 20.13 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.3
254	0.1	0.2	0.2

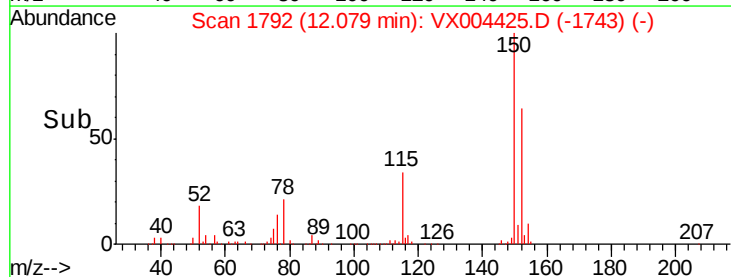
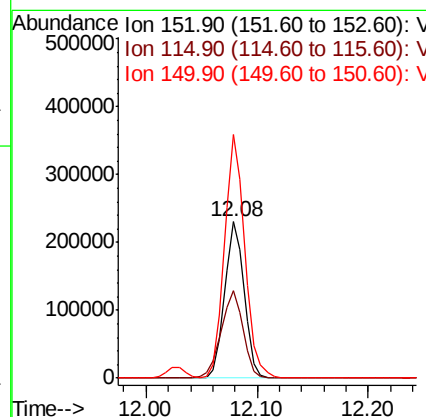
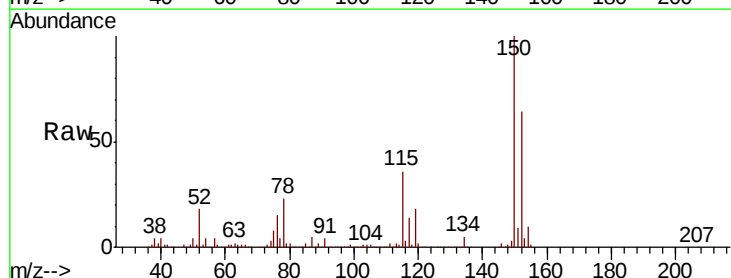
Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	39.0	117.0
150	162.3	0.0	351.0





#73

Isopropylbenzene

Concen: 21.17 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampled :

VX0907WBSD02

Tot Ion: 105 Resp: 386548

Ion Ratio Lower Upper

105 100

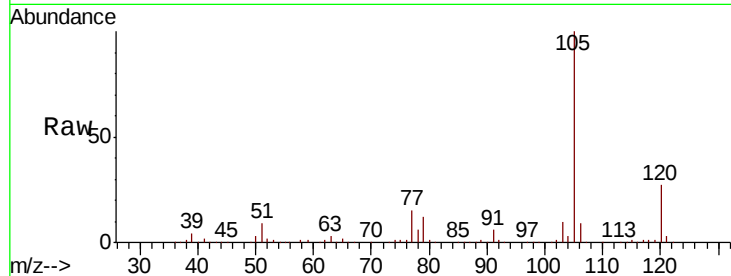
120 26.9 13.5 40.4

Manual Integrations

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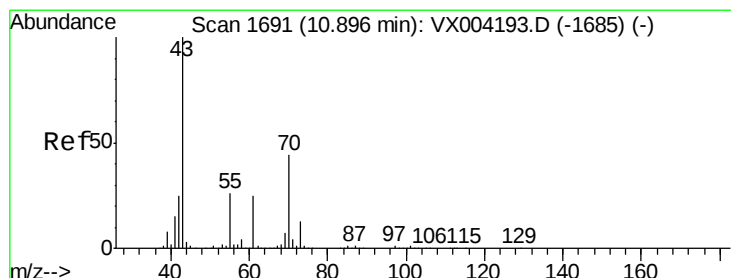
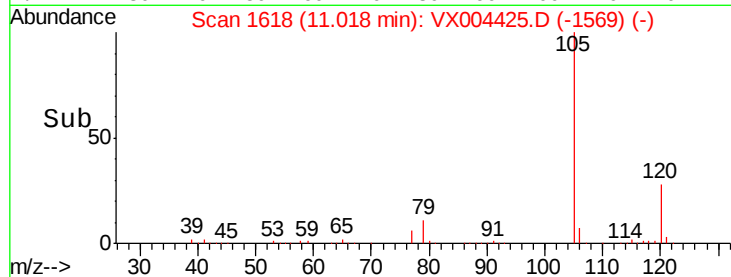
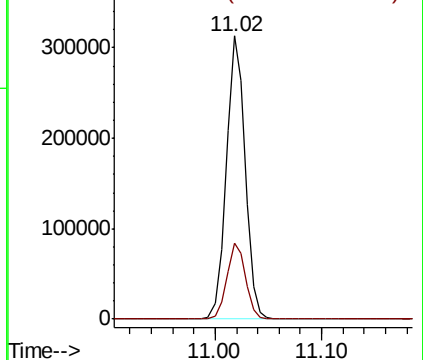
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.99 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Tgt Ion: 43 Resp: 140513

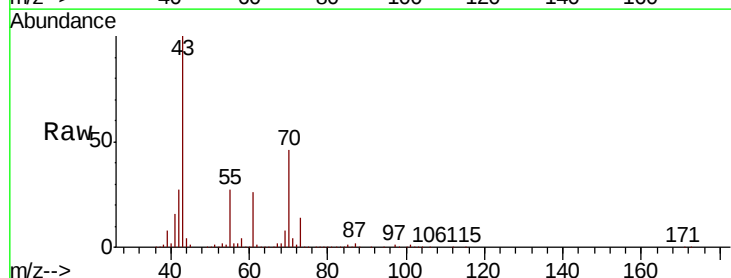
Ion Ratio Lower Upper

43 100

70 45.9 37.4 56.0

55 28.2 21.8 32.8

61 25.9 20.6 30.8

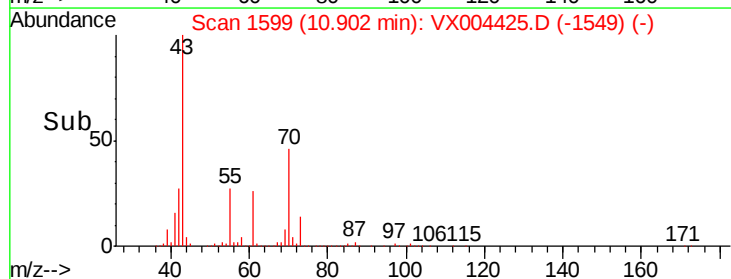
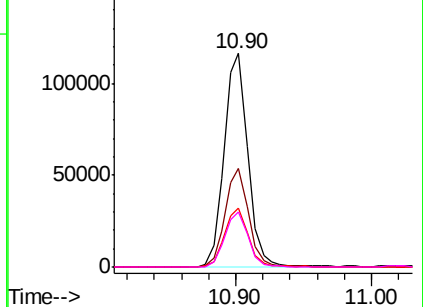


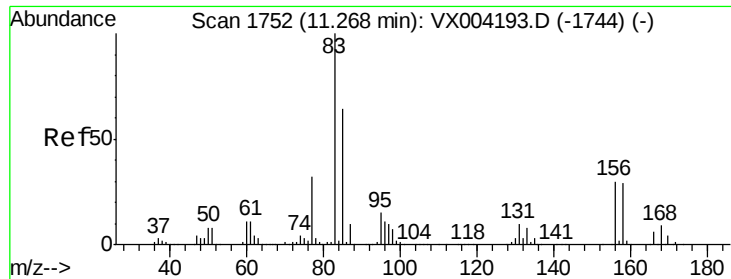
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.07 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

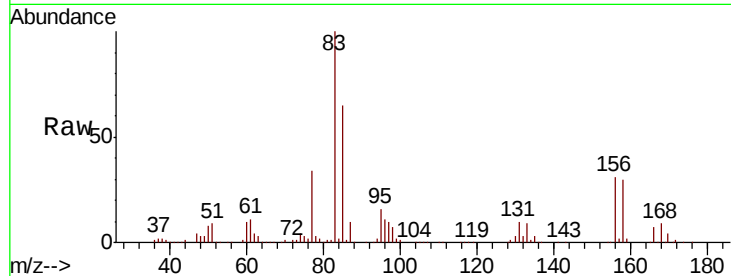
ClientSampled :

VX0907WBSD02

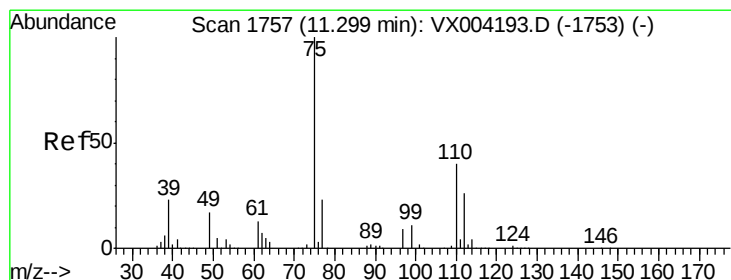
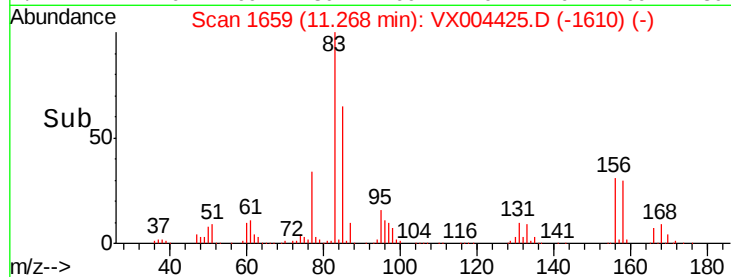
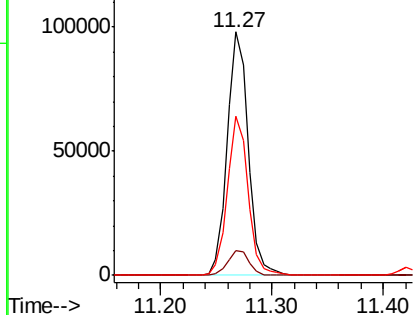
Tot Ion:	83	Resp:	128219
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	64.0	32.3	96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.29 ug/l m

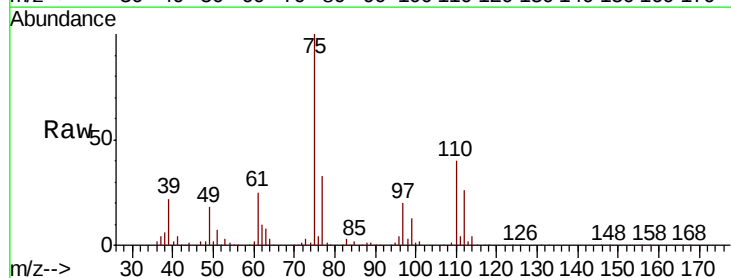
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

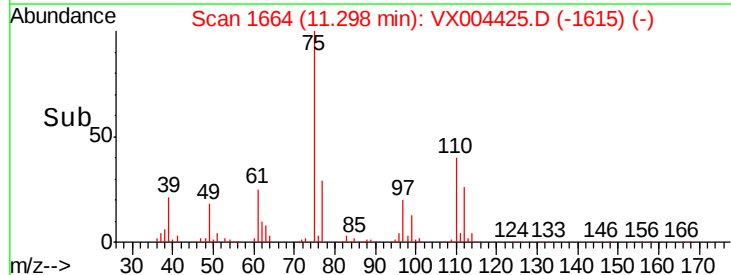
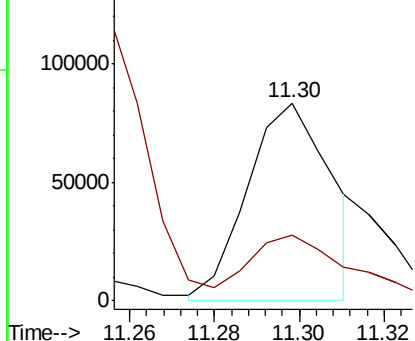
Lab File: VX004425.D

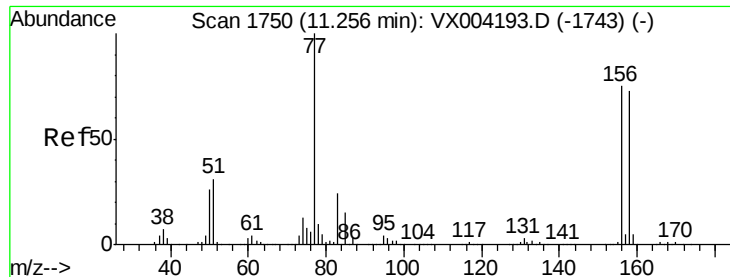
Acq: 08 Sep 2018 00:05

Tgt Ion:	75	Resp:	114720
Ion Ratio	Lower	Upper	
75	100		
77	39.6	20.2	60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.16 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

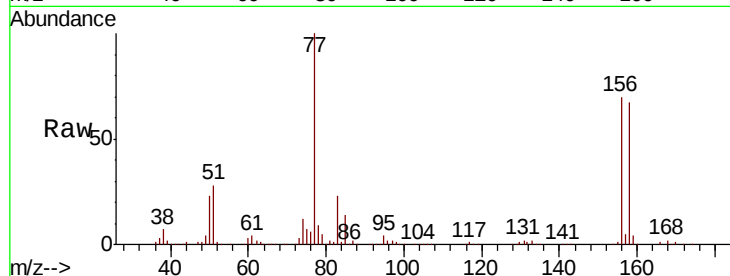
ClientSampleId :

VX0907WBSD02

Tot Ion:	156	Resp:	103217
Ion Ratio	Lower	Upper	
156	100		
77	147.6	71.5	214.3
158	96.9	48.9	146.8

Manual Integrations
APPROVED

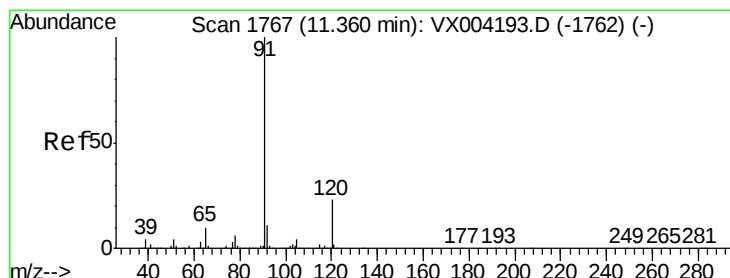
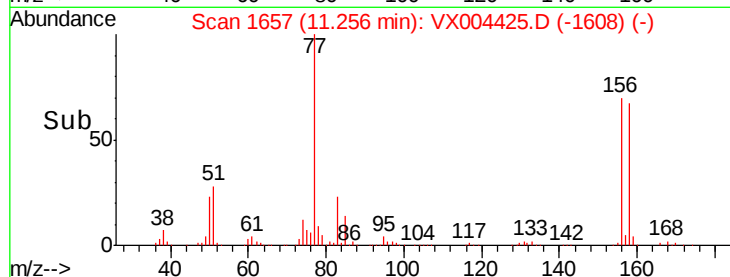
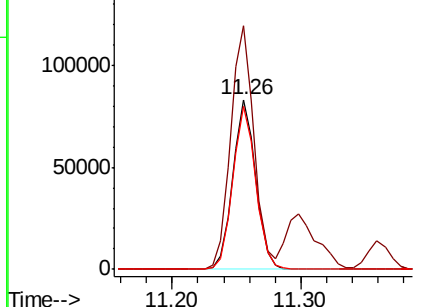
MMDadoda
9/10/2018 11:15:33 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.76 ug/l

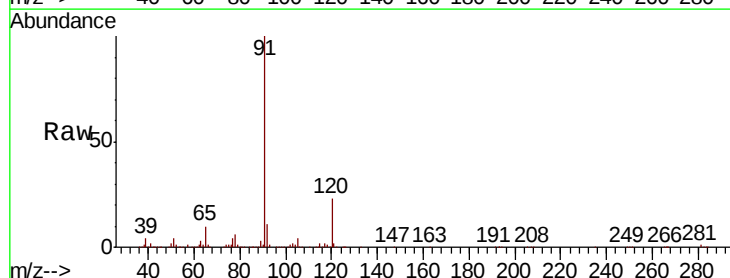
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004425.D

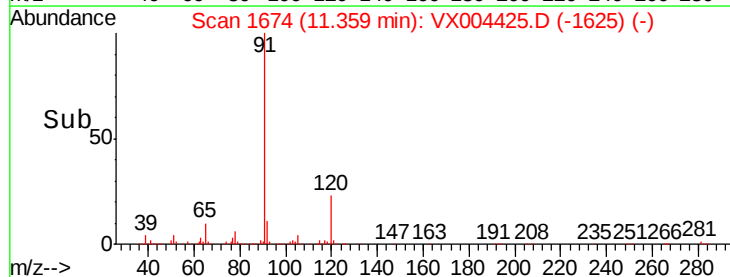
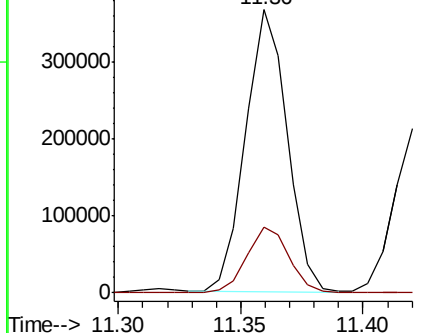
Acq: 08 Sep 2018 00:05

Tgt Ion:	91	Resp:	435867
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.43 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

Tot Ion: 91 Resp: 264075

Ion Ratio Lower Upper

91 100

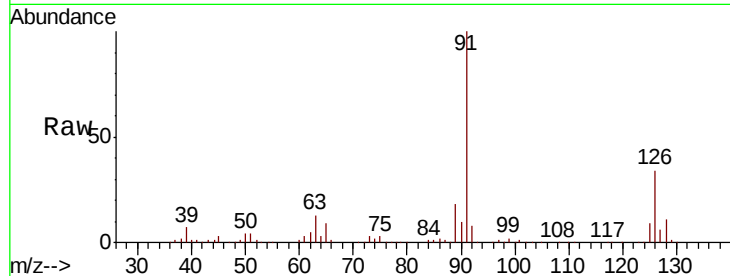
126 35.1 17.9 53.7

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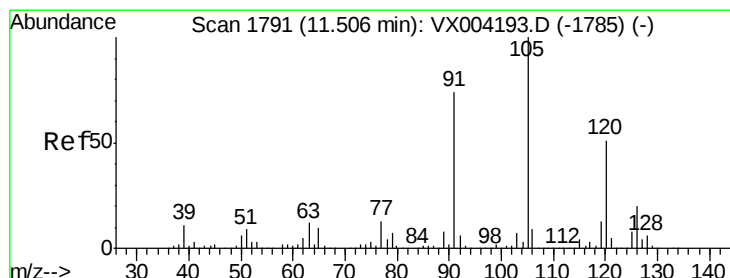
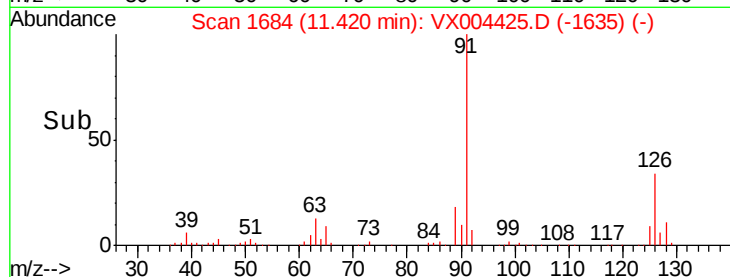
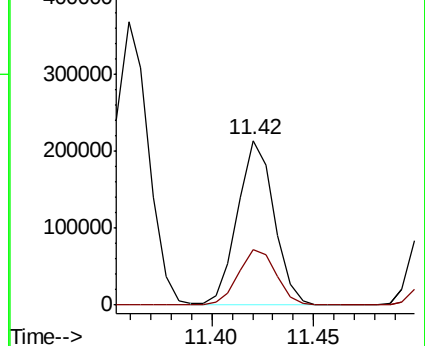
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.00 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004425.D

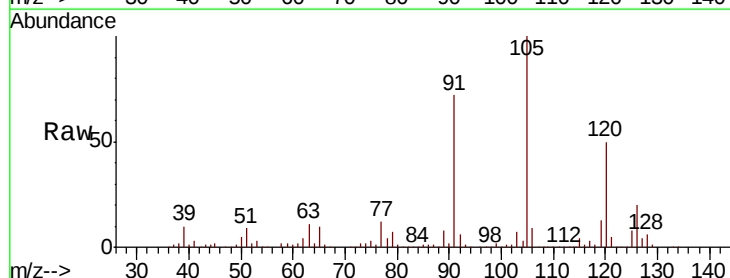
Acq: 08 Sep 2018 00:05

Tgt Ion:105 Resp: 317441

Ion Ratio Lower Upper

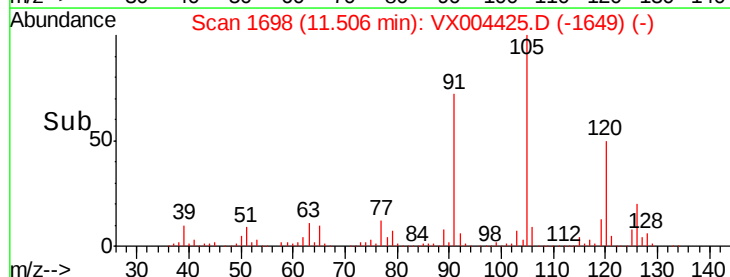
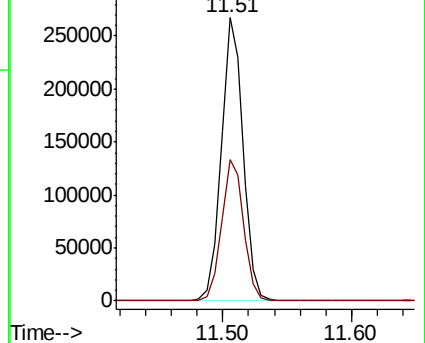
105 100

120 50.6 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





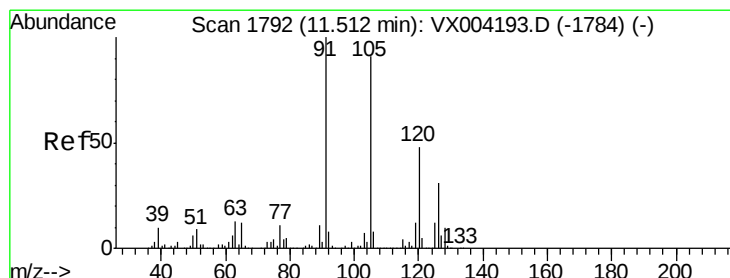
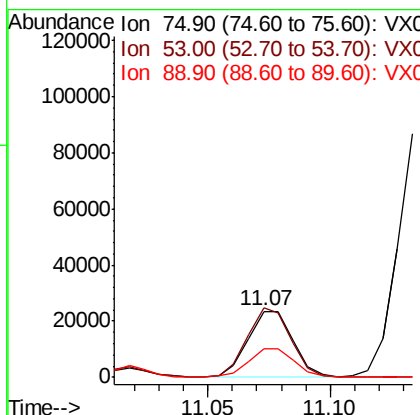
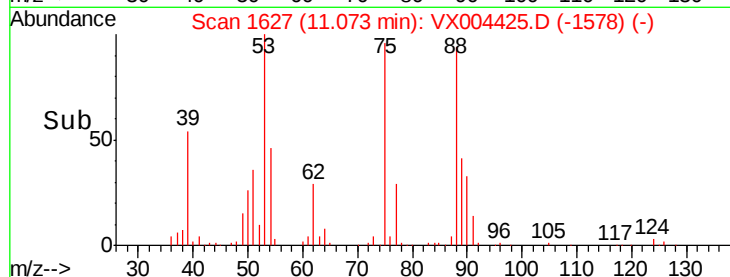
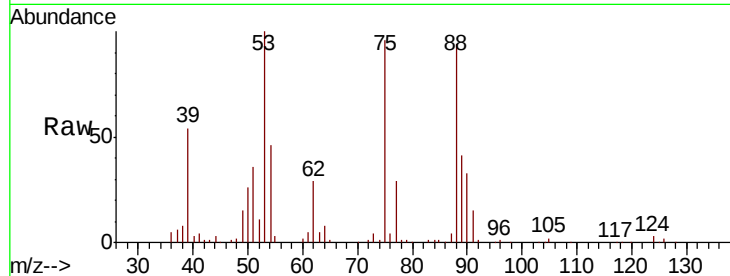
#81
trans-1,4-Dichloro-2-butene
Concen: 17.39 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.7	80.1	120.1
89	44.0	37.2	55.8

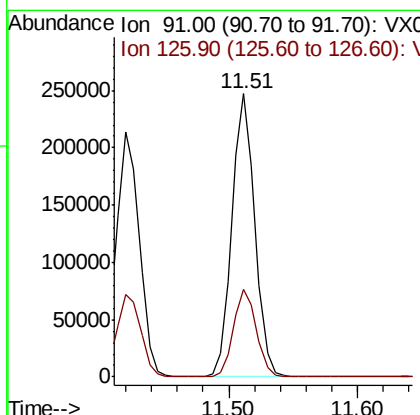
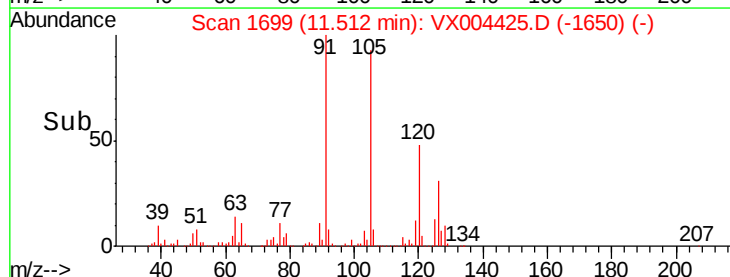
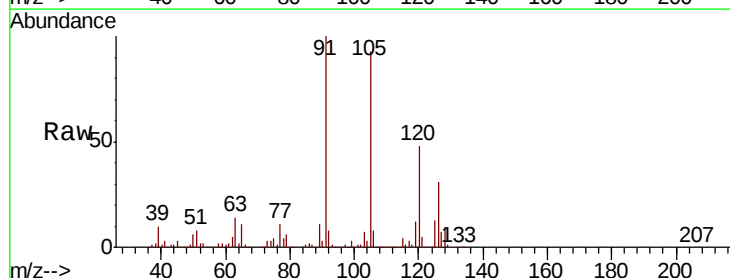
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#82
4-Chlorotoluene
Concen: 20.18 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.5	46.5





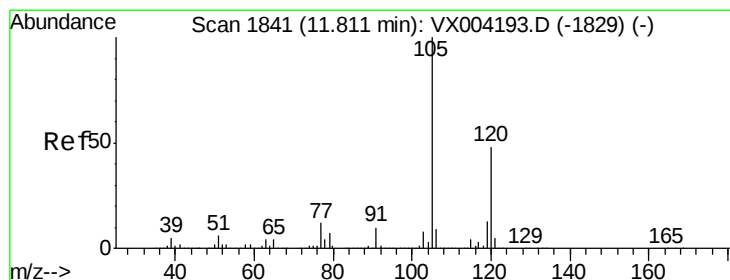
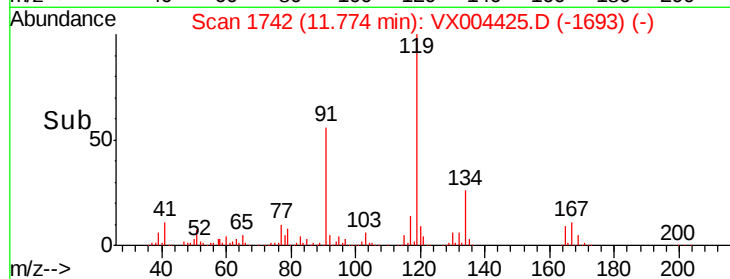
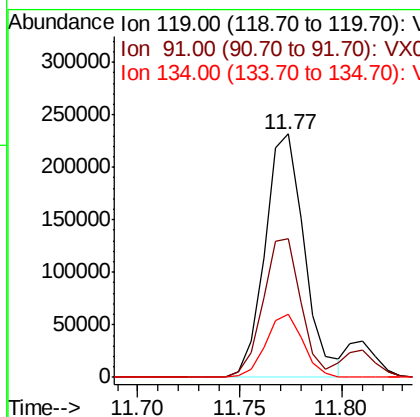
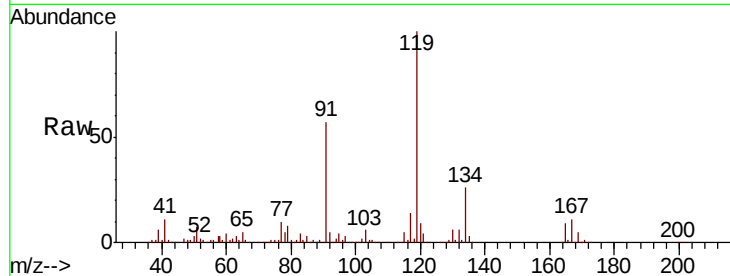
#83
 tert-Butylbenzene
 Concen: 20.50 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.8	27.0	81.0
134	24.4	11.7	35.1

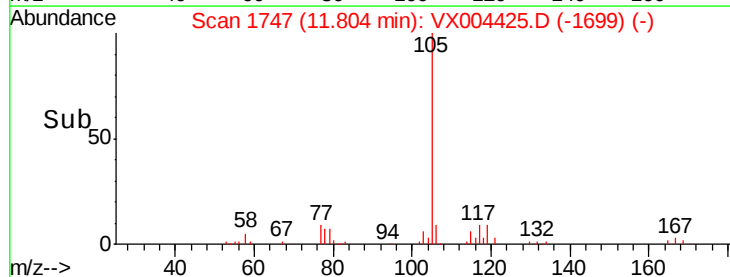
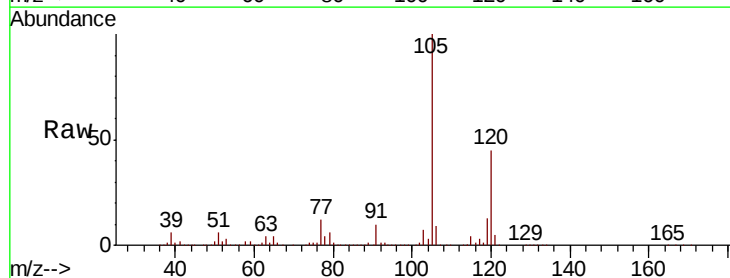
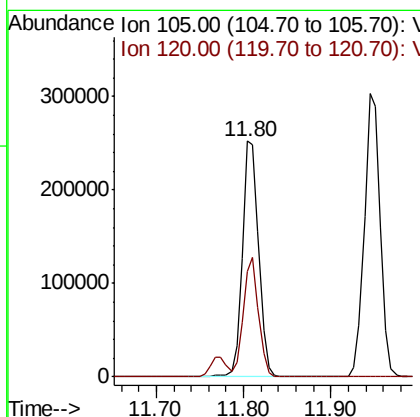
Manual Integrations
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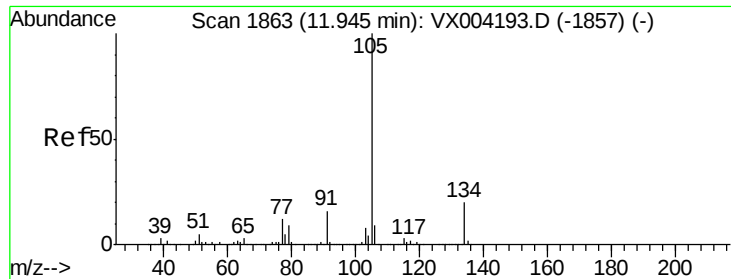
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 9/10/2018 11:15:33 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.04 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.2	69.6





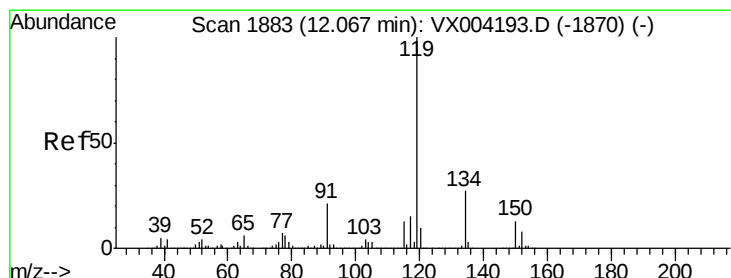
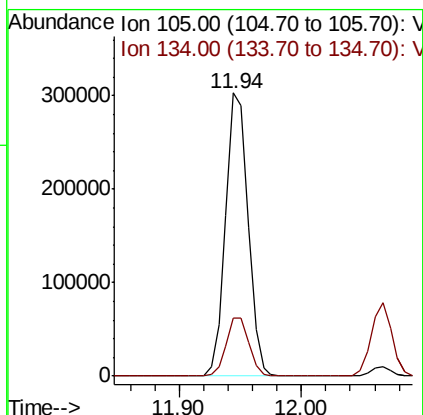
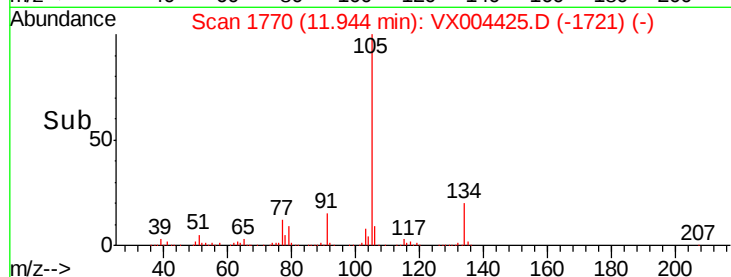
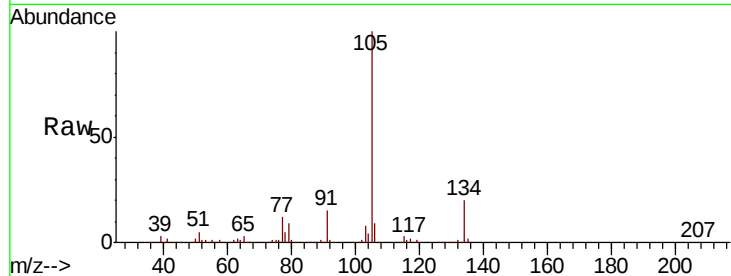
#85
 sec-Butylbenzene
 Concen: 21.27 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.5	31.5

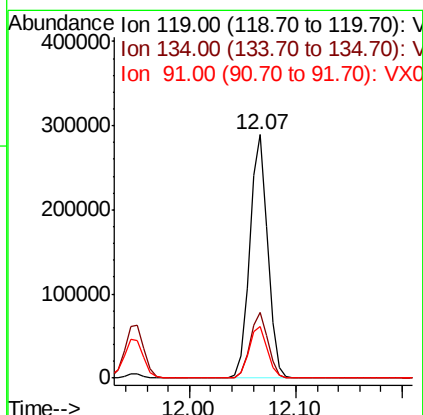
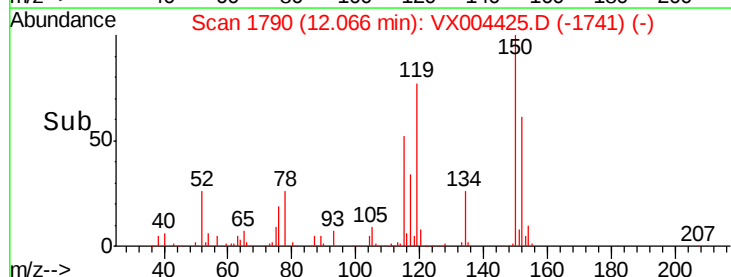
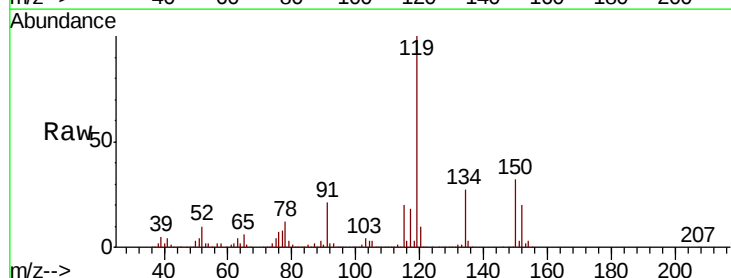
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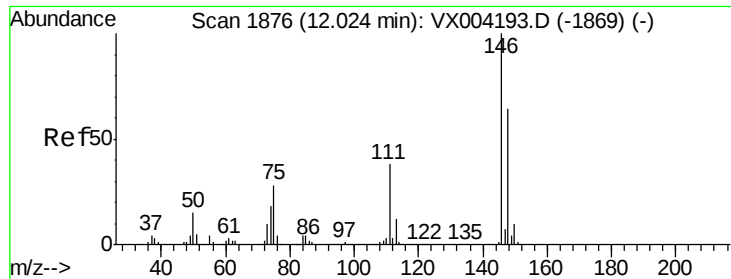
MMDadoda
 9/10/2018 11:15:33 AM



#86
 p-Isopropyltoluene
 Concen: 21.13 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.4	40.2
91	21.9	10.9	32.7





#87

1,3-Dichlorobenzene

Concen: 19.90 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

ClientSampleId :

VX0907WBSD02

Tot Ion:146 Resp: 191876

Ion Ratio Lower Upper

146 100

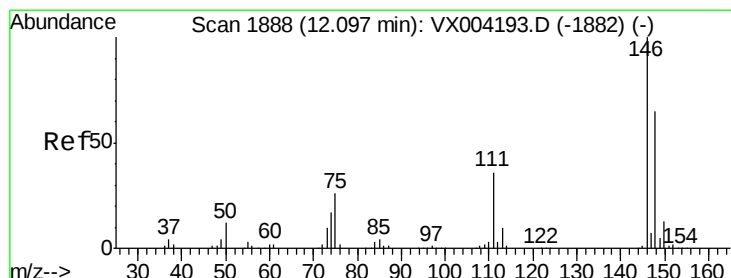
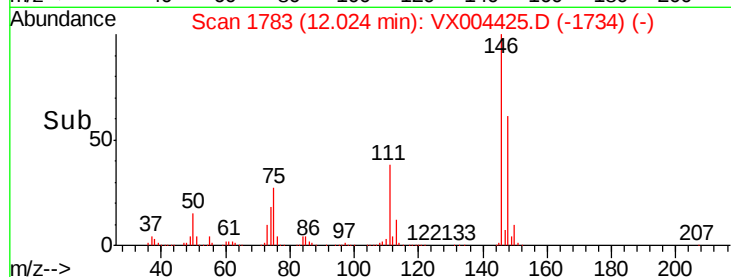
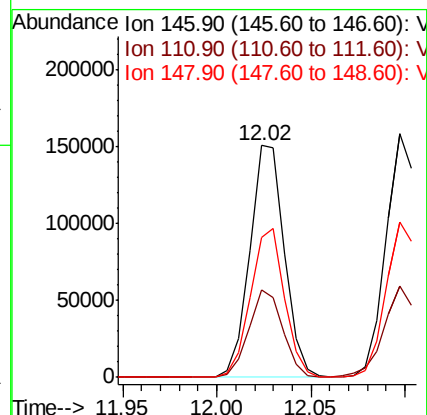
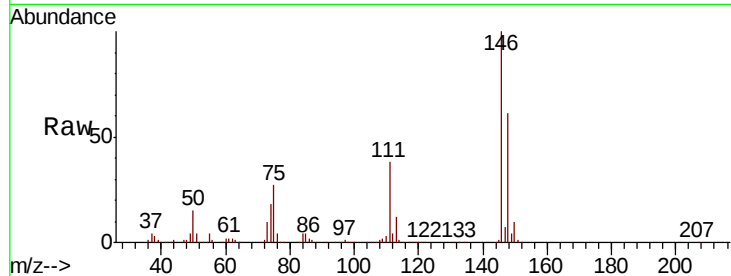
111 37.2 18.7 56.1

148 63.1 32.1 96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.05 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

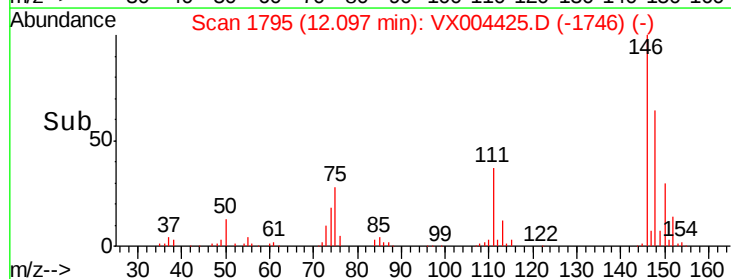
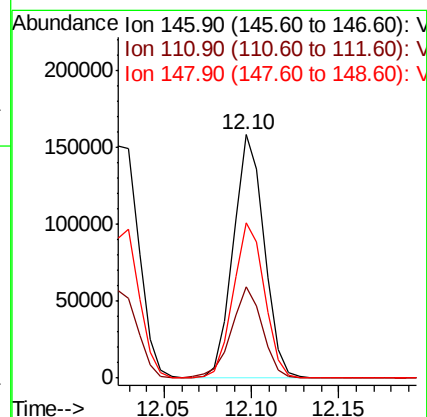
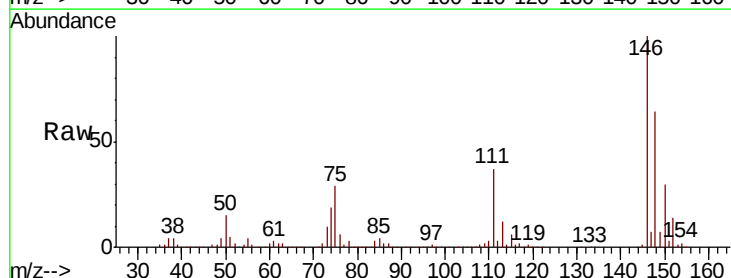
Tgt Ion:146 Resp: 193649

Ion Ratio Lower Upper

146 100

111 37.7 18.1 54.1

148 64.7 32.0 96.0





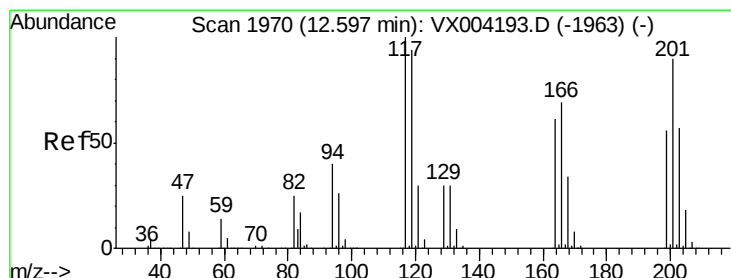
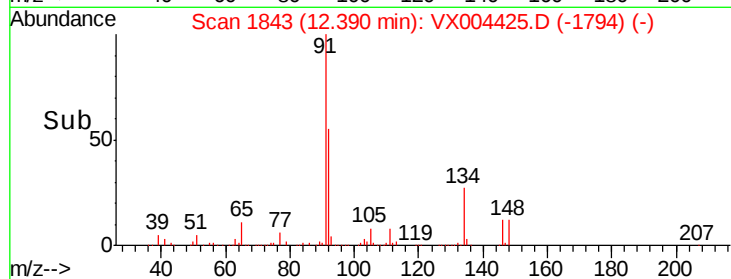
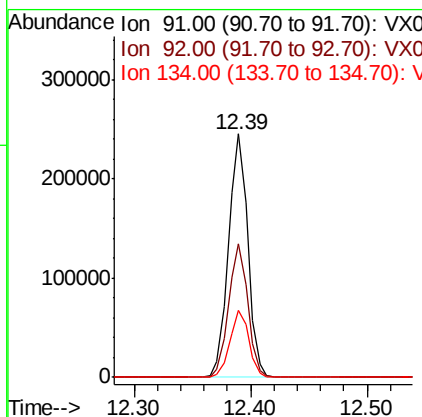
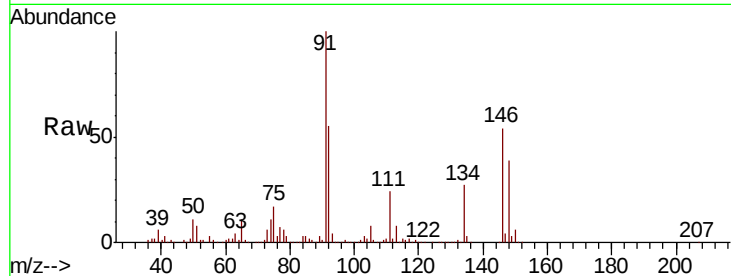
#89
n-Butylbenzene
Concen: 21.46 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	282391		
92	54.3	27.3	81.9	
134	26.9	13.6	40.7	

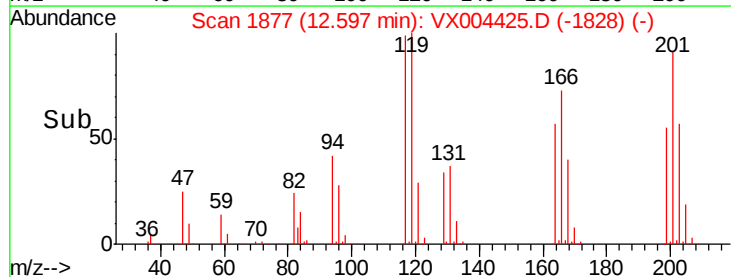
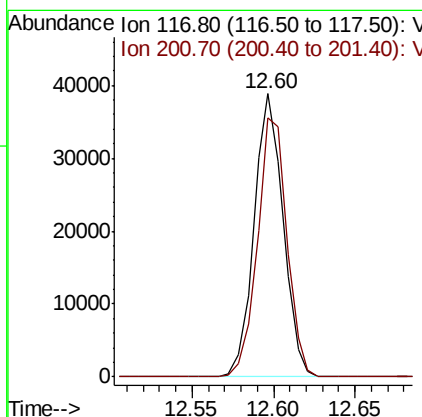
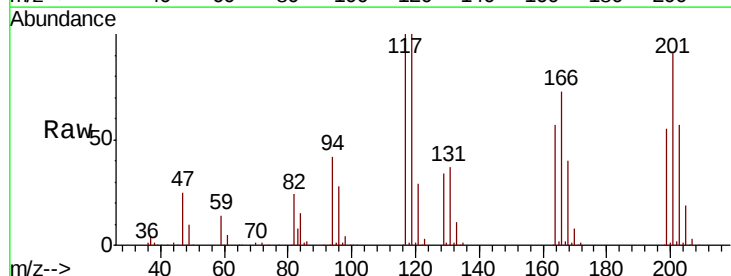
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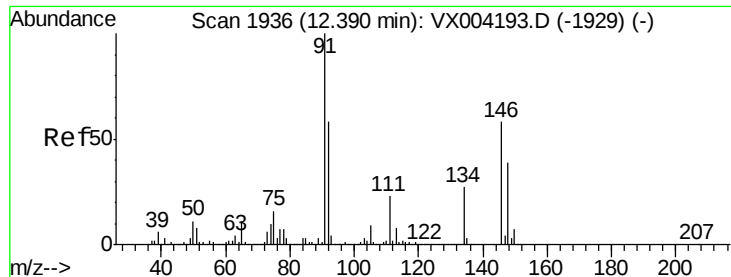
MMDadoda
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#90
Hexachloroethane
Concen: 21.28 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004425.D
Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	48146		
201	93.1	46.9	140.6	





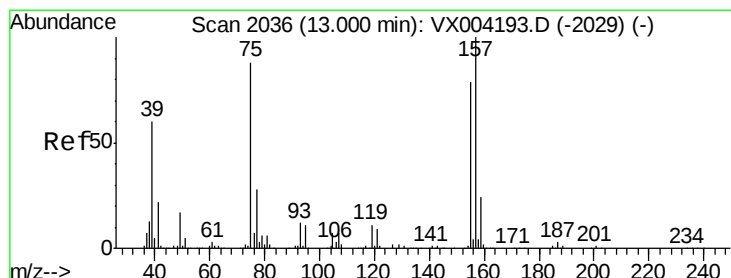
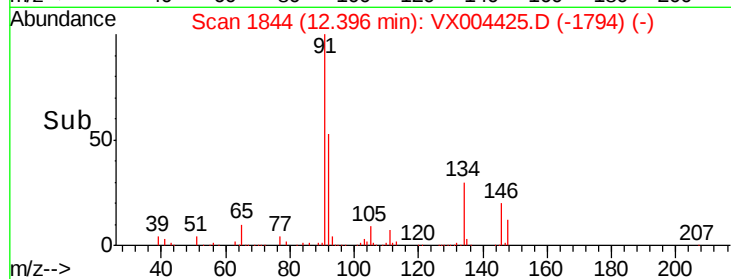
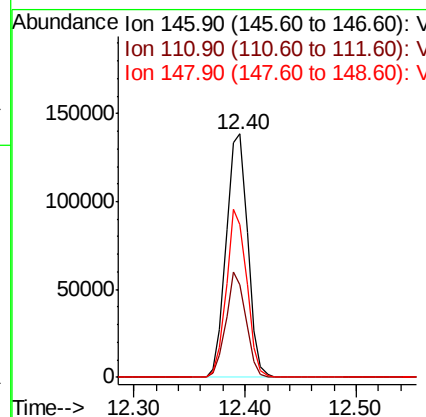
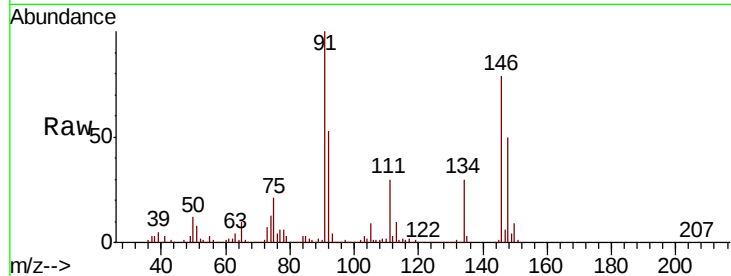
#91
 1,2-Dichlorobenzene
 Concen: 21.00 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.1
148	65.5	32.8	98.3

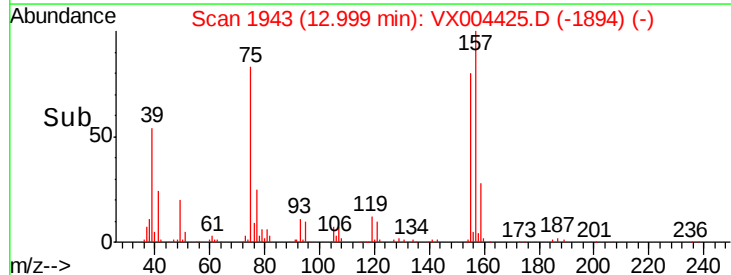
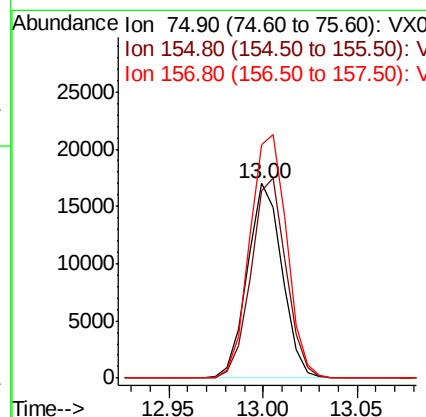
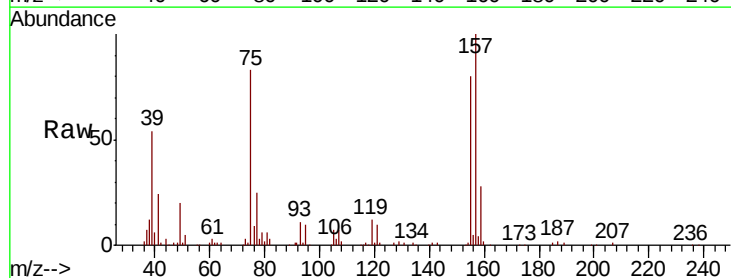
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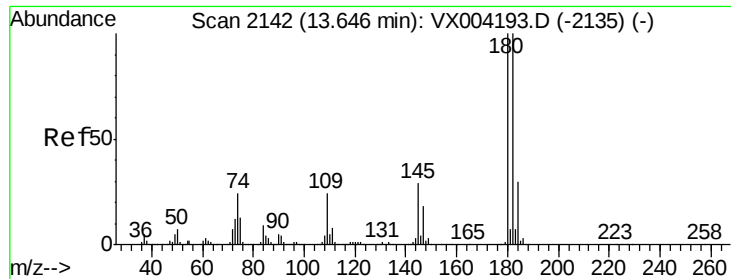
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.38 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.9	48.0	144.2
157	132.4	61.4	184.1





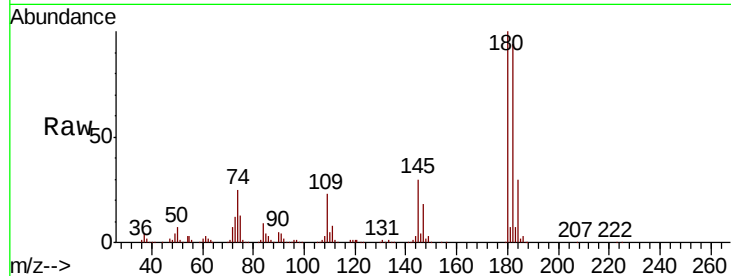
#93
 1,2,4-Trichlorobenzene
 Concen: 20.24 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD02

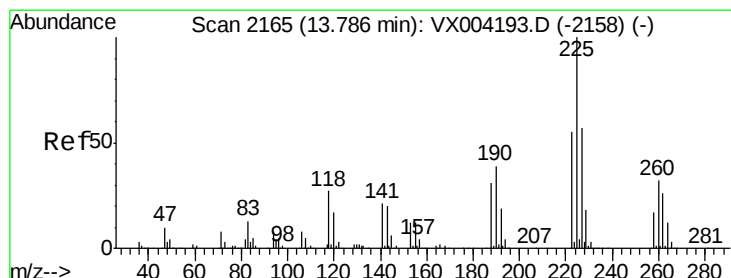
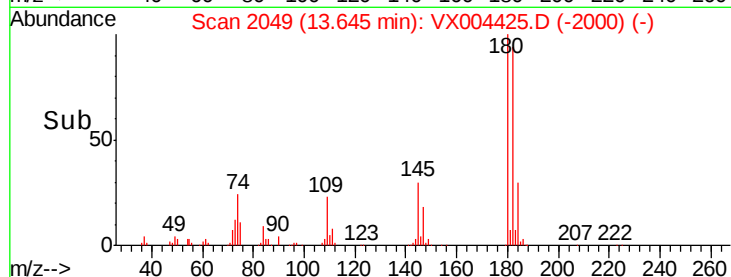
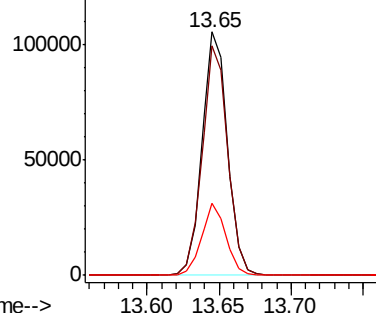
Tot Ion	Ratio	Resp	Lower	Upper
180	100	129799		
182	94.7	48.4	145.0	
145	28.3	14.3	42.9	

Manual Integrations
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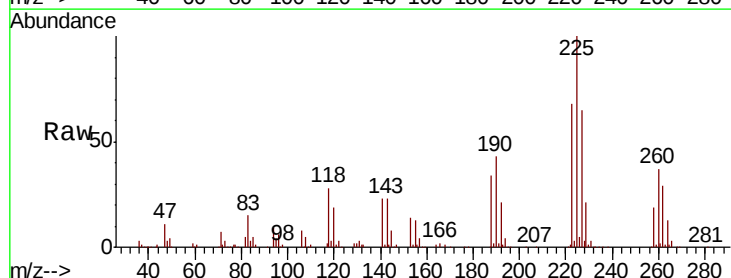


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

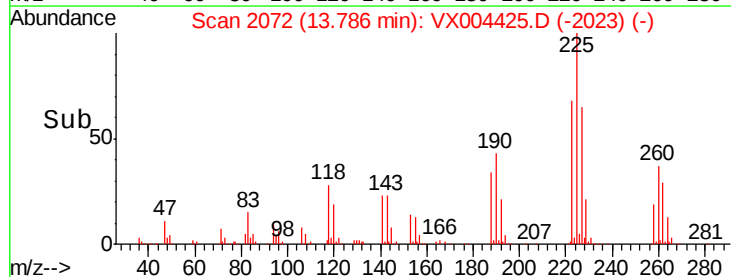
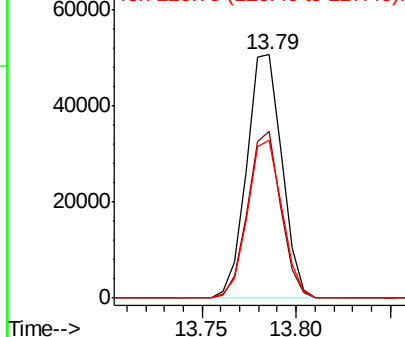


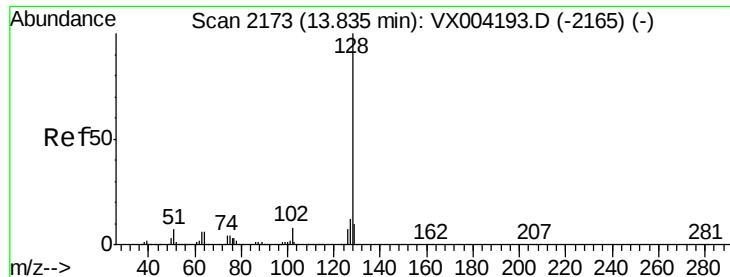
#94
 Hexachlorobutadiene
 Concen: 21.96 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004425.D
 Acq: 08 Sep 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65722		
223	64.3	30.1	90.5	
227	63.3	30.8	92.4	



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: 22.01 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Instrument :

MSVOA_X

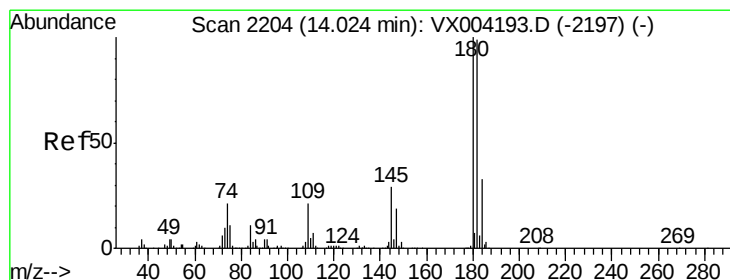
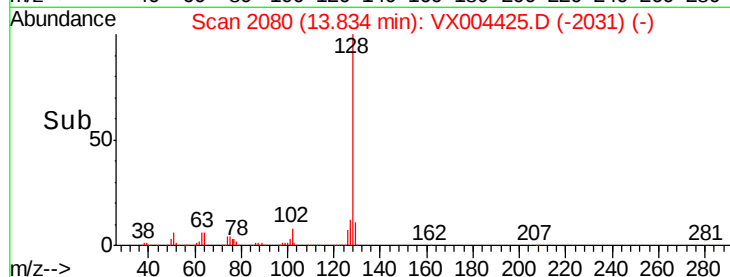
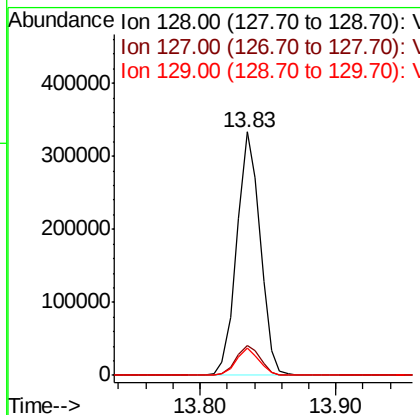
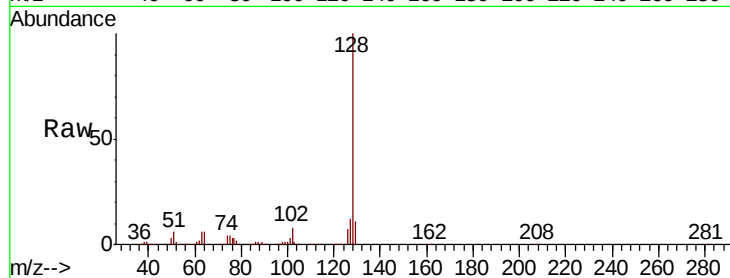
ClientSampleId :

VX0907WBSD02

Tot Ion:	128	Resp:	399192
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/10/2018 11:15:33 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.91 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004425.D

Acq: 08 Sep 2018 00:05

Tgt Ion:	180	Resp:	141896
Ion Ratio	Lower	Upper	
180	100		
182	96.3	48.5	145.6
145	29.3	14.9	44.9

