

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005826.D
 Acq On : 07 Nov 2018 13:52
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 10:35:34 AM

Quant Time: Nov 07 14:14:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:01:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	119426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	166874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	159382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83250	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	132928	76.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.26%	
35) Dibromofluoromethane	5.49	113	110956	96.03	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	192.06%	
50) Toluene-d8	8.72	98	362173	89.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.74%	
62) 4-Bromofluorobenzene	11.14	95	139777	93.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107248	77.737	ug/l	98
3) Chloromethane	1.32	50	140715	86.471	ug/l	97
4) Vinyl Chloride	1.41	62	144000	85.054	ug/l	96
5) Bromomethane	1.64	94	83172	39.590	ug/l	95
6) Chloroethane	1.71	64	84914	69.069	ug/l	92
7) Trichlorofluoromethane	1.92	101	185538	85.377	ug/l	93
8) Diethyl Ether	2.19	74	70030	71.692	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103859	78.680	ug/l	99
10) Methyl Iodide	2.51	142	145141	123.216	ug/l	97
11) Tert butyl alcohol	3.09	59	187008	394.387	ug/l	99
12) 1,1-Dichloroethene	2.37	96	99333	77.225	ug/l	87
13) Acrolein	2.29	56	96666	310.638	ug/l	95
14) Allyl chloride	2.72	41	233525	87.800	ug/l	97
15) Acrylonitrile	3.15	53	386792	370.953	ug/l	97
16) Acetone	2.45	43	356620	358.588	ug/l	97
17) Carbon Disulfide	2.56	76	319714	80.887	ug/l	99
18) Methyl Acetate	2.78	43	198318	79.144	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	365414	82.071	ug/l	94
20) Methylene Chloride	2.85	84	110877	73.640	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	101501	74.575	ug/l	96
22) Diisopropyl ether	3.87	45	400284	81.130	ug/l	94
23) Vinyl Acetate	3.82	43	1770616	412.017	ug/l	99
24) 1,1-Dichloroethane	3.69	63	213851	76.653	ug/l	98
25) 2-Butanone	4.71	43	580215	393.933	ug/l	98
26) 2,2-Dichloropropane	4.58	77	161705	77.538	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122159	79.874	ug/l	98
28) Bromochloromethane	5.01	49	100228	73.638	ug/l	98
29) Tetrahydrofuran	5.16	42	382525	425.506	ug/l	99
30) Chloroform	5.21	83	207200	75.963	ug/l	98
31) Cyclohexane	5.57	56	197452	84.635	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	176942	81.056	ug/l	99
36) 1,1-Dichloropropene	5.80	75	161530	90.853	ug/l	98
37) Ethyl Acetate	4.86	43	214328	94.491	ug/l	99
38) Carbon Tetrachloride	5.78	117	164422	102.362	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.45	83	169987	91.676	ug/l #	81
40) Benzene	6.14	78	454627	85.952	ug/l #	89
41) Methacrylonitrile	5.06	41	117977	96.262	ug/l	98
42) 1,2-Dichloroethane	6.20	62	165409	84.605	ug/l	100
43) Isopropyl Acetate	6.46	43	314304	95.470	ug/l	98
44) Trichloroethene	7.22	130	114749	93.802	ug/l	85
45) 1,2-Dichloropropane	7.52	63	107156	79.055	ug/l	99
46) Dibromomethane	7.66	93	68926	79.568	ug/l	99
47) Bromodichloromethane	7.90	83	135167	83.187	ug/l	98
48) Methyl methacrylate	7.78	41	143650	90.153	ug/l	99
49) 1,4-Dioxane	7.76	88	61913	1744.950	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	973223	433.544	ug/l	100
52) Toluene	8.79	92	254547	88.973	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	168634	95.766	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	165864	87.916	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	118593	95.450	ug/l	87
56) Ethyl methacrylate	9.18	69	189828	101.135	ug/l	98
57) 1,3-Dichloropropane	9.38	76	205535	96.303	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	473967	446.798	ug/l	100
59) 2-Hexanone	9.50	43	900667	493.022	ug/l	95
60) Dibromochloromethane	9.59	129	138595	115.439	ug/l	93
61) 1,2-Dibromoethane	9.67	107	132006	104.266	ug/l	96
64) Tetrachloroethene	9.34	164	130347	111.941	ug/l	95
65) Chlorobenzene	10.14	112	299458	88.417	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	112181	96.755	ug/l	95
67) Ethyl Benzene	10.25	91	567560	98.190	ug/l	93
68) m/p-Xylenes	10.36	106	398086	185.341	ug/l	97
69) o-Xylene	10.70	106	183553	89.352	ug/l	99
70) Styrene	10.71	104	311949	91.428	ug/l	99
71) Bromoform	10.86	173	100523	107.006	ug/l	100
73) Isopropylbenzene	11.02	105	503626	91.697	ug/l	100
74) N-amyl acetate	10.90	43	265976	90.959	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	176114	77.290	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	168049m	81.048	ug/l	
77) Bromobenzene	11.26	156	135382	99.366	ug/l	99
78) n-propylbenzene	11.36	91	595678	89.154	ug/l	99
79) 2-Chlorotoluene	11.42	91	349473	87.575	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	438766	94.086	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57801	90.068	ug/l	96
82) 4-Chlorotoluene	11.51	91	423255	88.841	ug/l	100
83) tert-Butylbenzene	11.77	119	436415	98.079	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	449471	95.447	ug/l	100
85) sec-Butylbenzene	11.94	105	526925	92.317	ug/l	100
86) p-Isopropyltoluene	12.07	119	479558	98.788	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	253561	96.250	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	257533	90.998	ug/l	100
89) n-Butylbenzene	12.39	91	442487	90.344	ug/l	100
90) Hexachloroethane	12.60	117	81317	94.418	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	255072	92.679	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46443	86.901	ug/l	98

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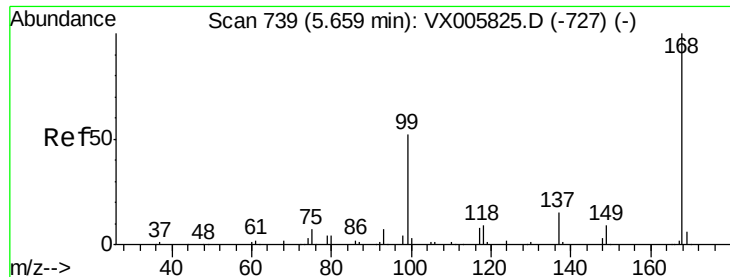
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	198152	112.256	ug/l	100
94) Hexachlorobutadiene	13.79	225	97738	114.454	ug/l	99
95) Naphthalene	13.83	128	608470	104.815	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	201016	111.859	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 119426

Ion Ratio Lower Upper

168 100

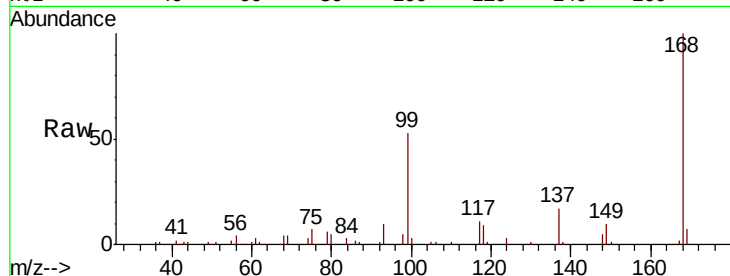
99 52.7 40.7 61.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

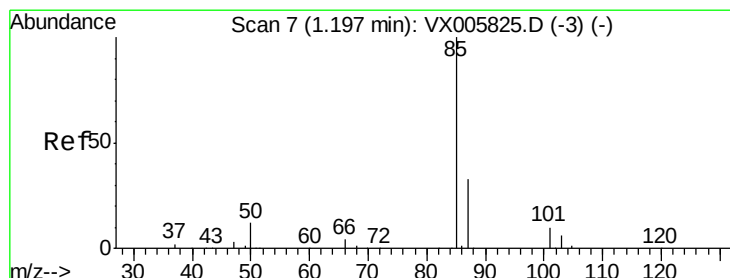
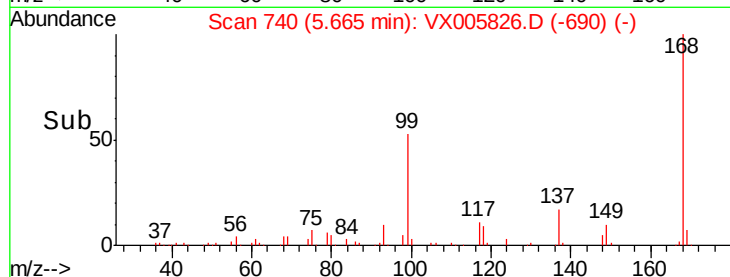
20000

10000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 77.737 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005826.D

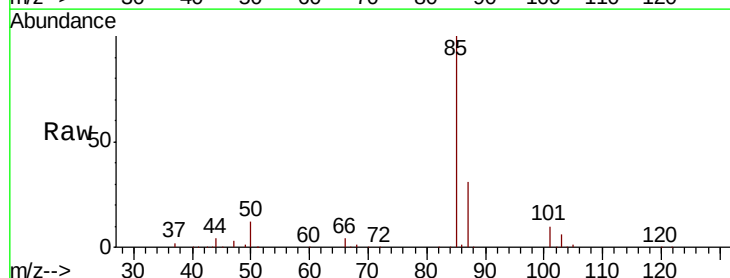
Acq: 07 Nov 2018 13:52

Tgt Ion: 85 Resp: 107248

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

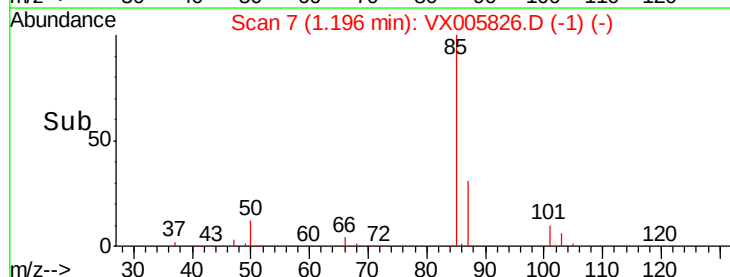
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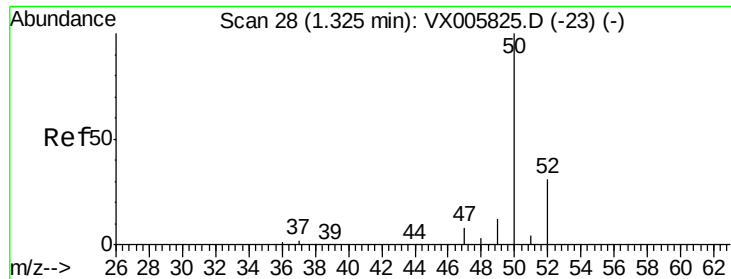
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 86.471 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 140715

Ion Ratio Lower Upper

50 100

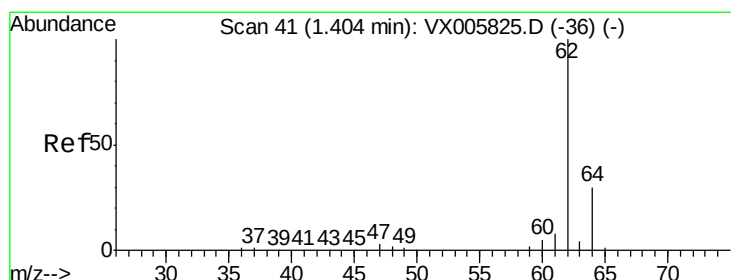
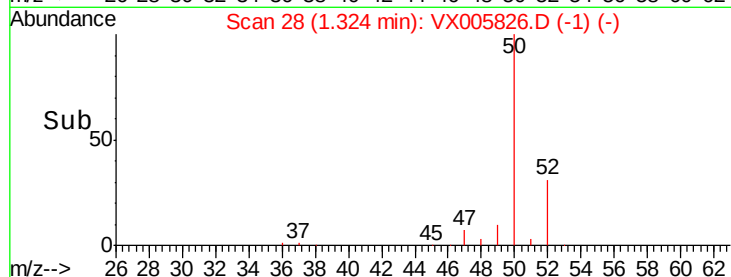
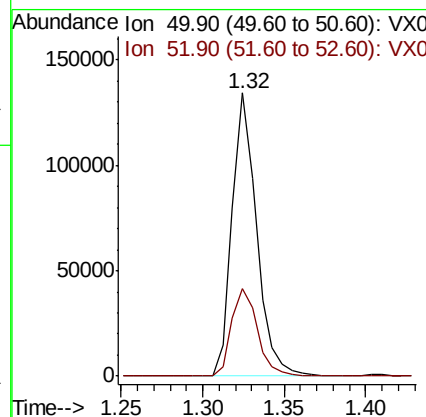
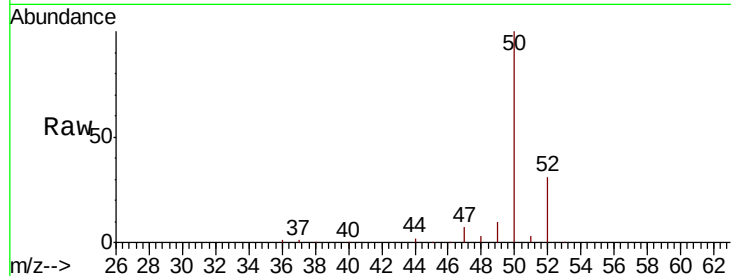
52 30.9 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 85.054 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005826.D

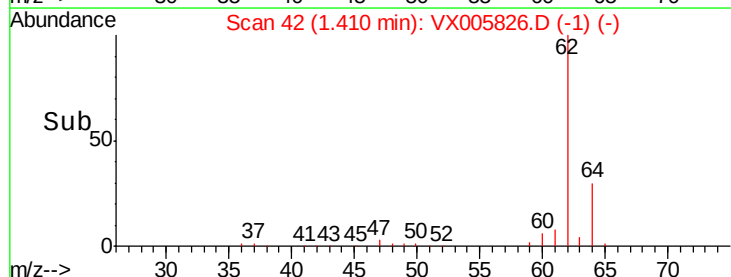
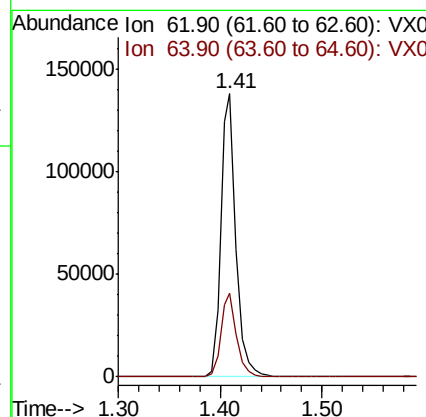
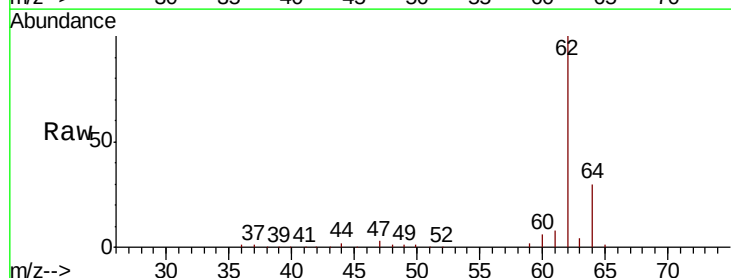
Acq: 07 Nov 2018 13:52

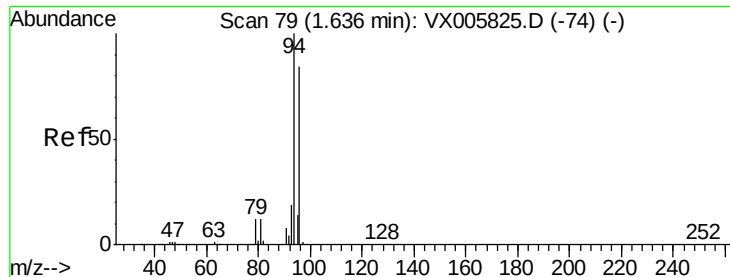
Tgt Ion: 62 Resp: 144000

Ion Ratio Lower Upper

62 100

64 29.6 25.3 37.9





#5

Bromomethane

Concen: 39.590 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 83172

Ion Ratio Lower Upper

94 100

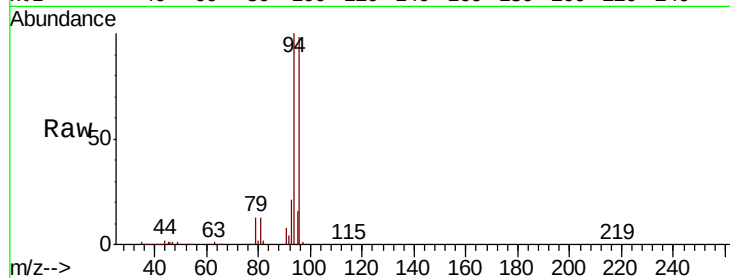
96 98.5 75.2 112.8

Manual Integrations

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11/8/2018 10:35:34 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

100000

80000

60000

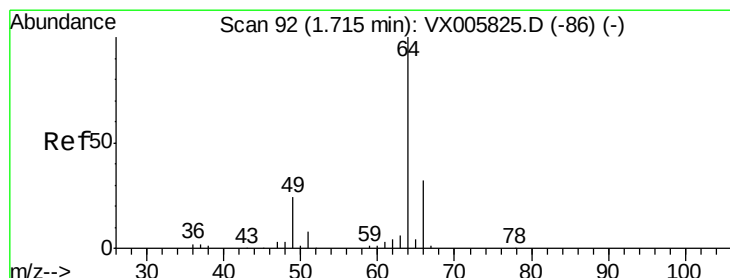
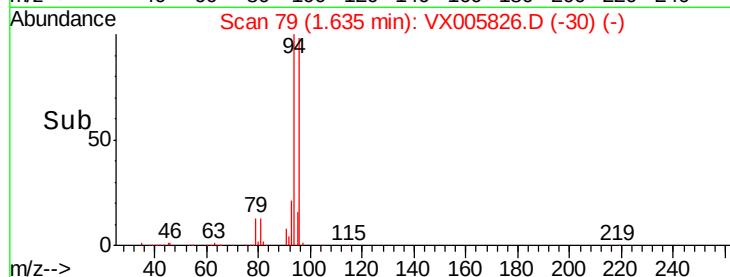
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 69.069 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005826.D

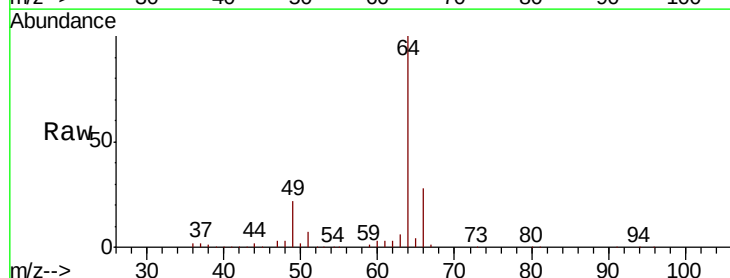
Acq: 07 Nov 2018 13:52

Tgt Ion: 64 Resp: 84914

Ion Ratio Lower Upper

64 100

66 27.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

60000

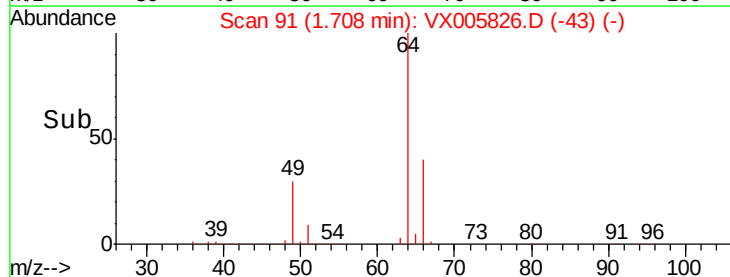
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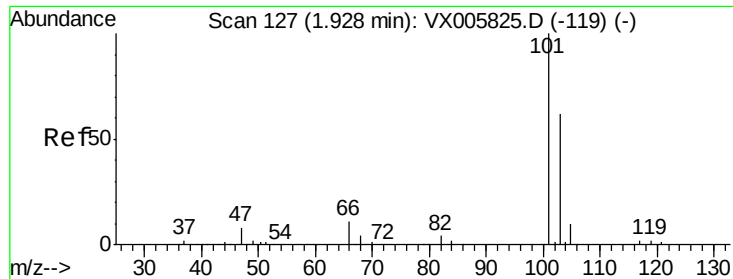
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0

1.65 1.70 1.75 1.80

Time-->





#7

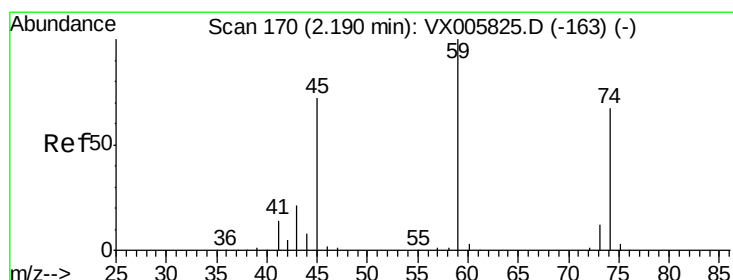
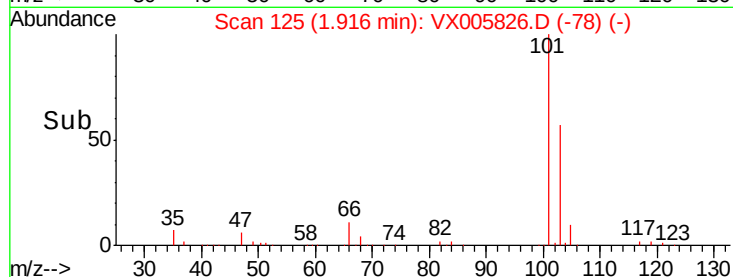
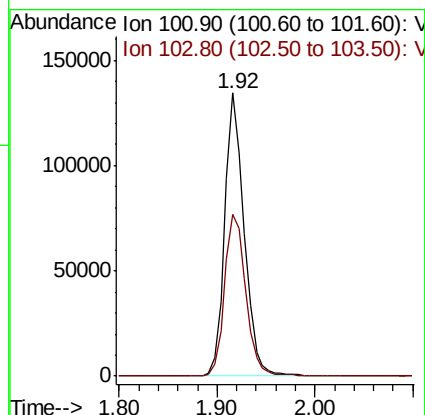
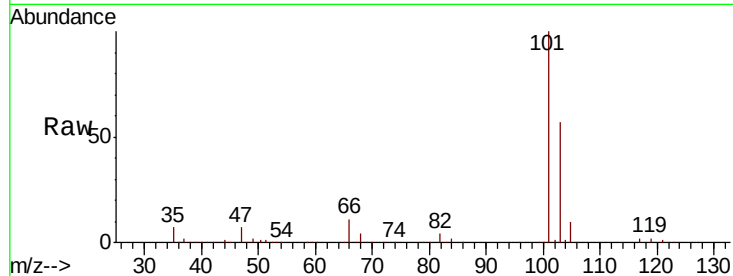
Trichlorofluoromethane
Concen: 85.377 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:101 Resp: 185538
Ion Ratio Lower Upper
101 100
103 57.2 50.0 75.0

Manual Integrations
APPROVED

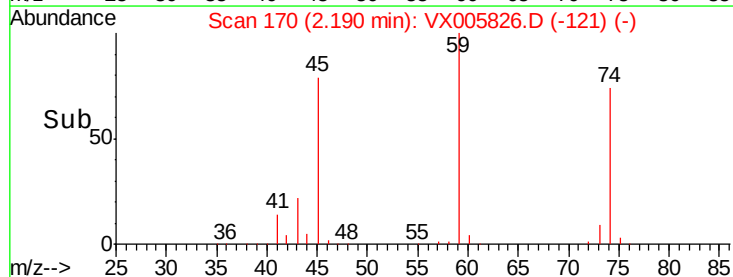
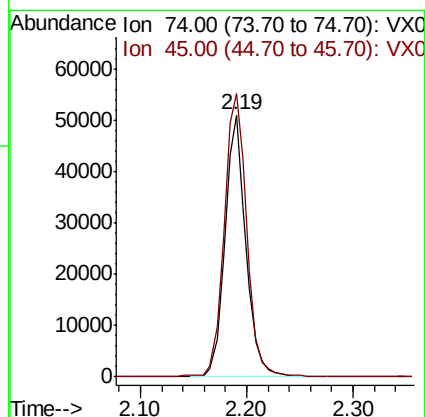
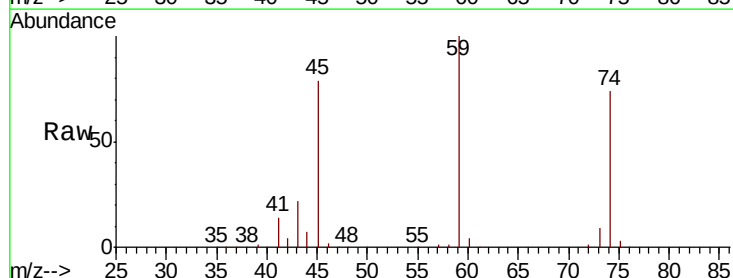
MMDadoda
11/8/2018 10:35:34 AM

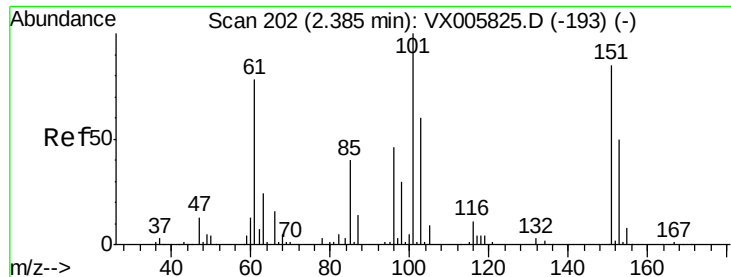


#8

Diethyl Ether
Concen: 71.692 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion: 74 Resp: 70030
Ion Ratio Lower Upper
74 100
45 115.7 54.1 162.3





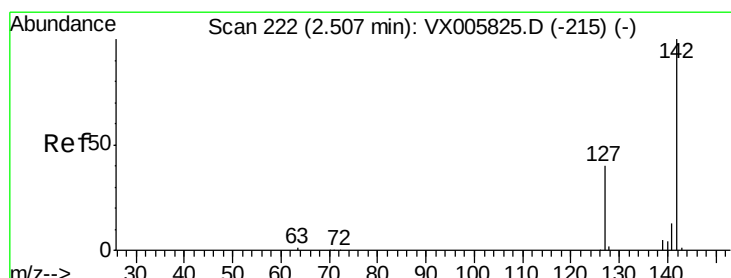
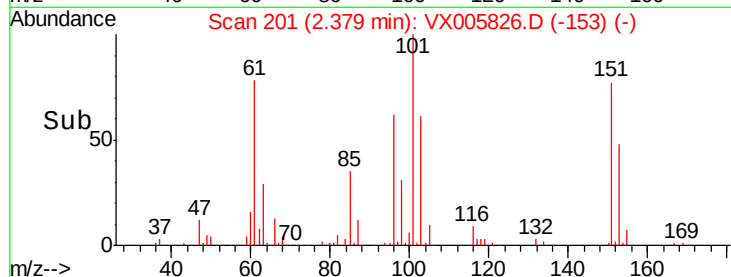
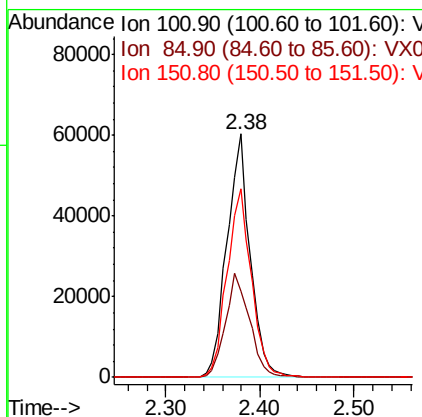
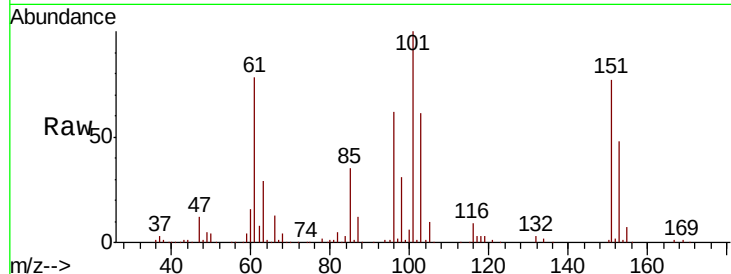
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 78.680 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	103859		
85	44.1	35.0	52.4	
151	81.0	66.2	99.2	

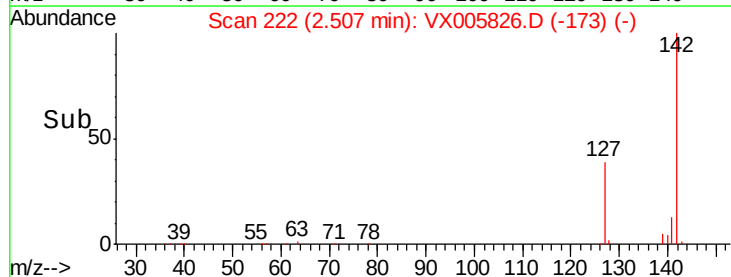
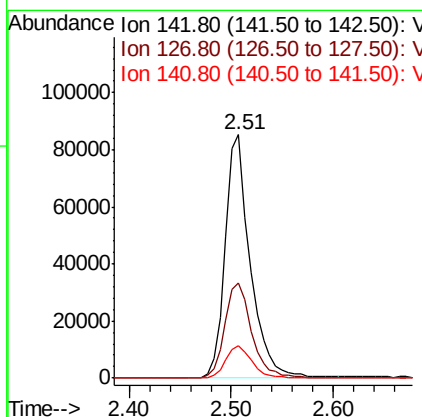
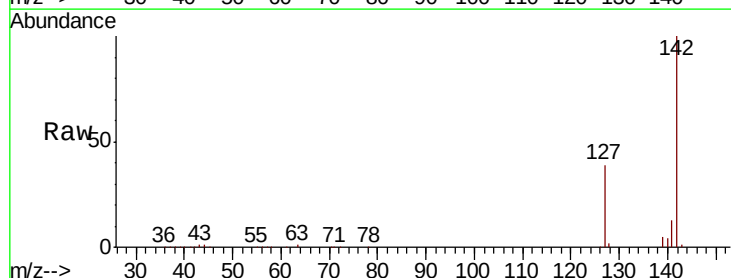
Manual Integrations
 APPROVED

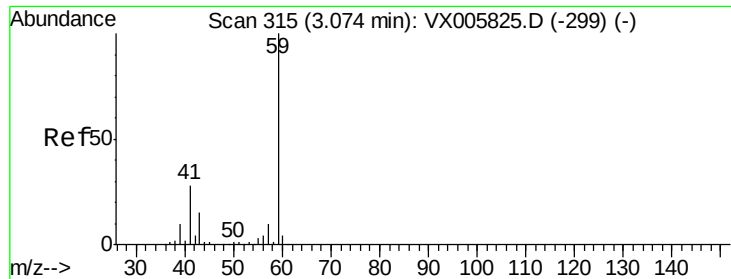
MMDadoda
 11/8/2018 10:35:34 AM



#10
 Methyl Iodide
 Concen: 123.216 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	145141		
127	42.3	36.0	54.0	
141	14.1	11.7	17.5	





#11

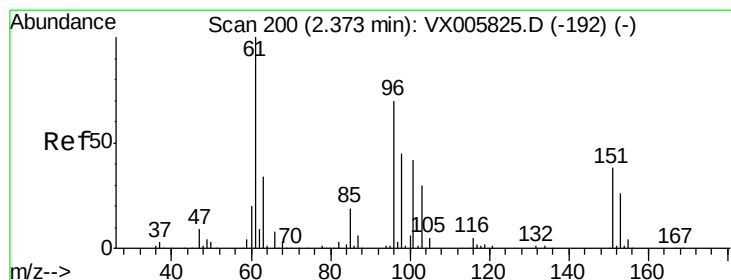
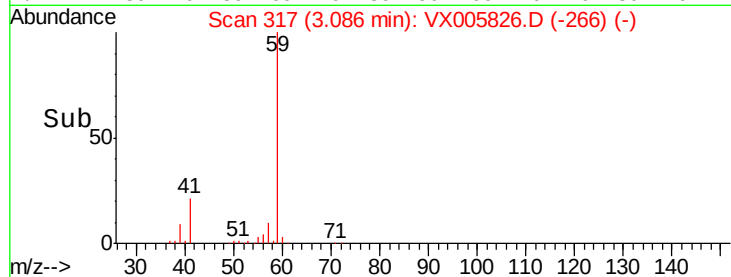
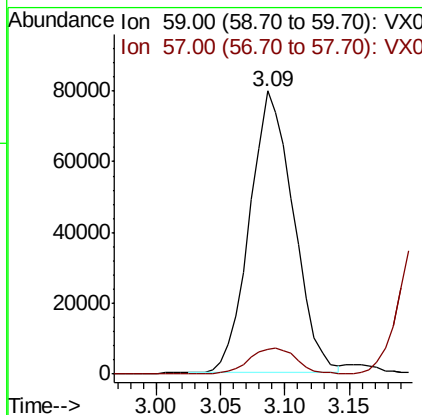
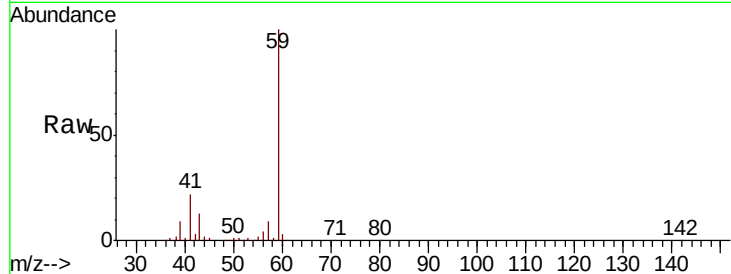
Tert butyl alcohol
 Concen: 394.387 ug/l
 RT: 3.09 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	59	Resp	187008
Ion Ratio	100	Lower	Upper
57	10.2	8.5	12.7

Manual Integrations
 APPROVED

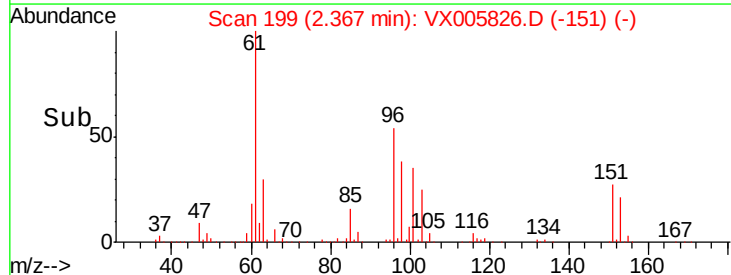
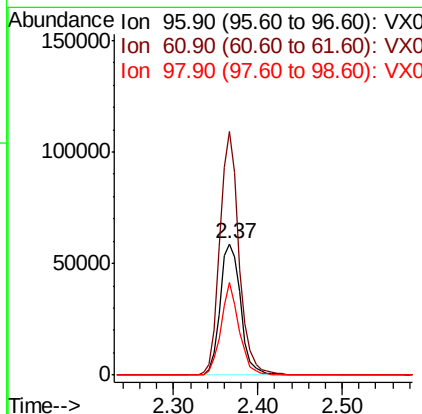
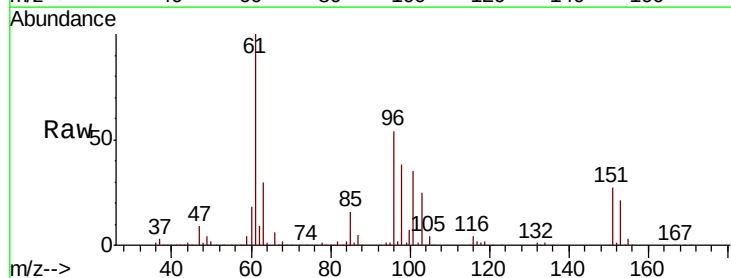
MMDadoda
 11/8/2018 10:35:34 AM

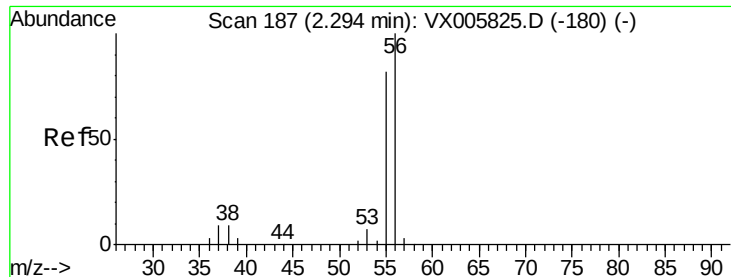


#12

1,1-Dichloroethene
 Concen: 77.225 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion	96	Resp	99333
Ion Ratio	100	Lower	Upper
61	185.8	131.8	197.8
98	70.6	53.4	80.2





#13

Acrolein

Concen: 310.638 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 96666

Ion Ratio Lower Upper

56 100

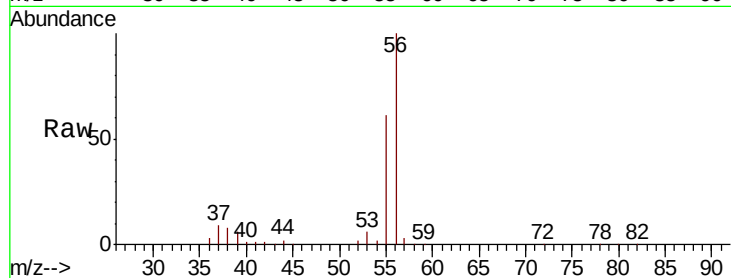
55 67.5 57.3 85.9

Manual Integrations

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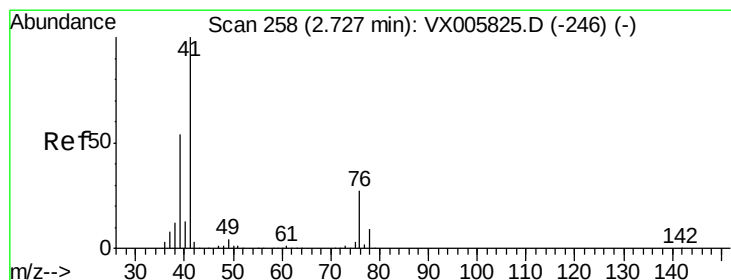
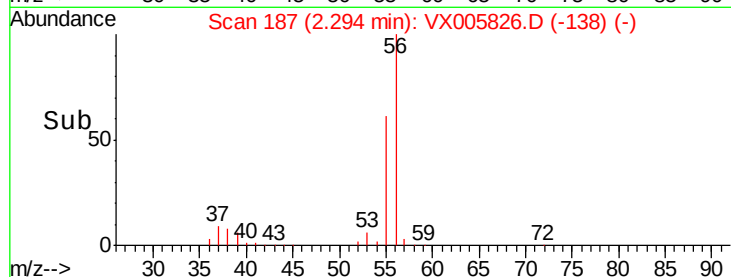
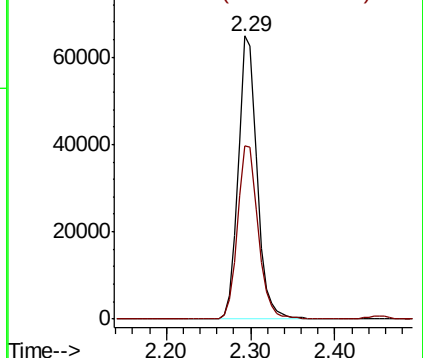
MMDadoda

11/8/2018 10:35:34 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 87.800 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

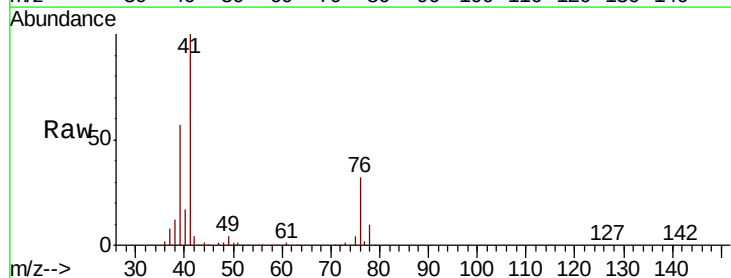
Tgt Ion: 41 Resp: 233525

Ion Ratio Lower Upper

41 100

39 57.0 48.2 72.4

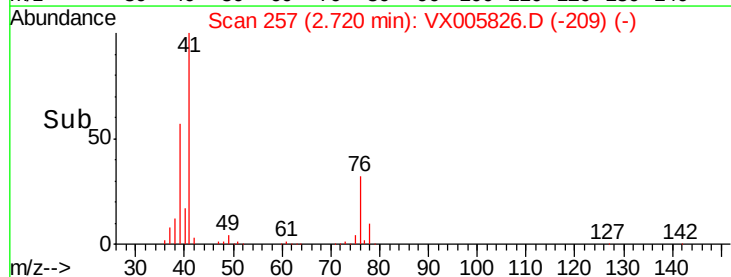
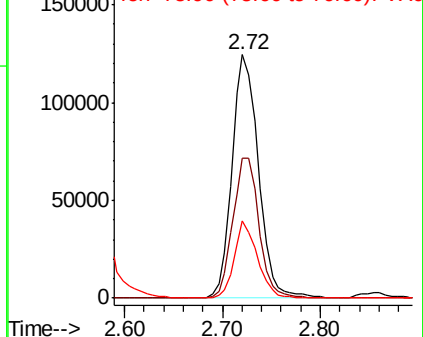
76 28.2 21.9 32.9

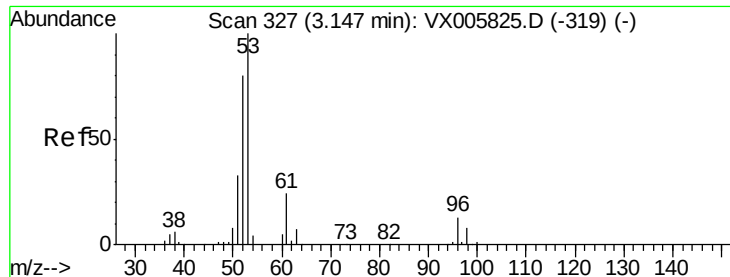


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 370.953 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

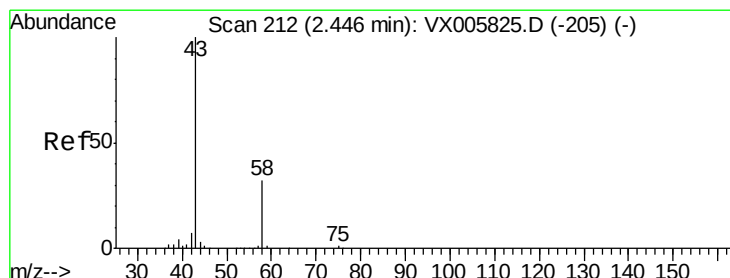
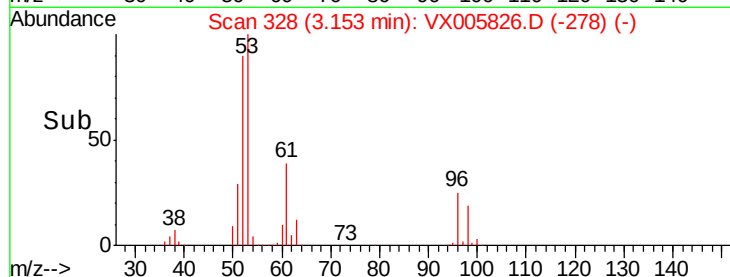
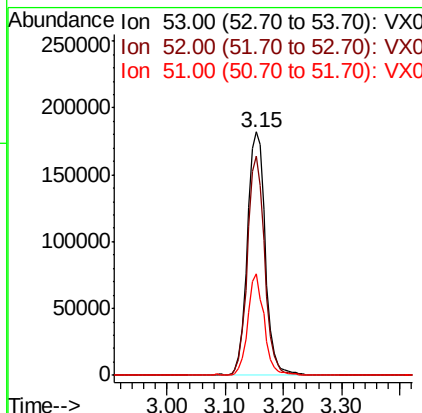
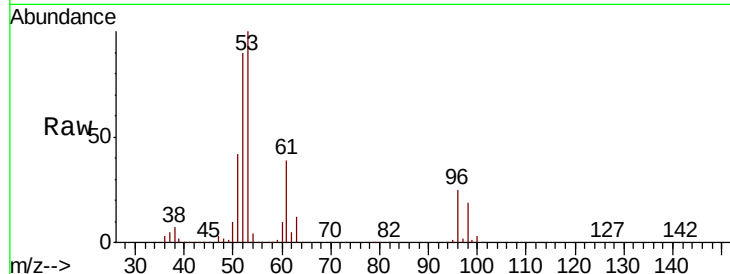
ClientSampleId :

VSTDICC100

Tot Ion:	53	Resp:	386792
Ion Ratio	Lower	Upper	
53	100		
52	85.5	66.6	99.8
51	37.7	28.4	42.6

Manual Integrations
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MMDadoda
11/8/2018 10:35:34 AM



#16

Acetone

Concen: 358.588 ug/l

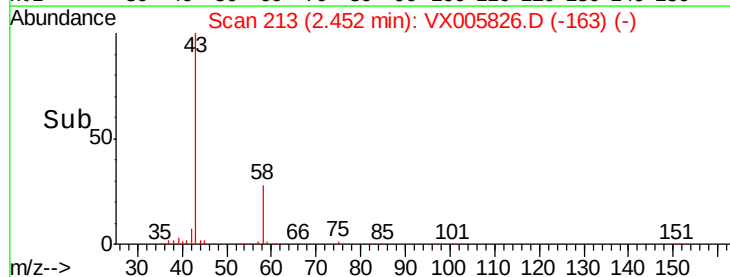
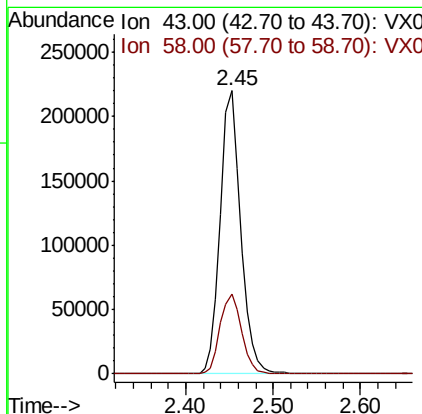
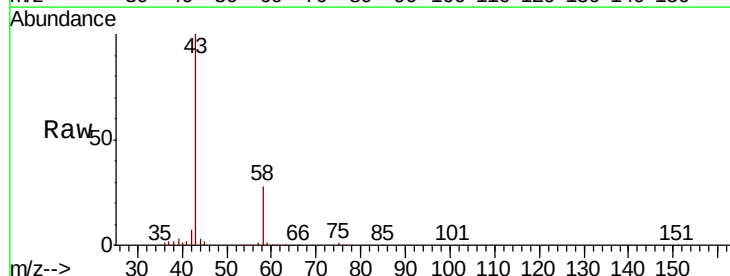
RT: 2.45 min Scan# 213

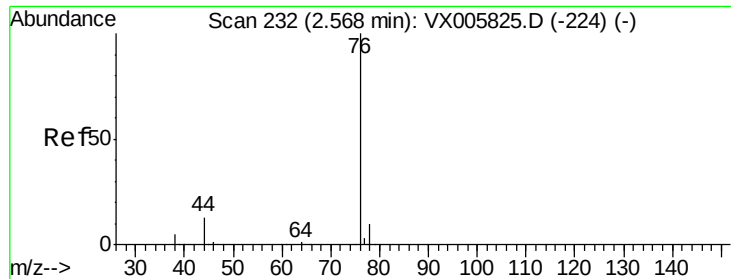
Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Tgt Ion:	43	Resp:	356620
Ion Ratio	Lower	Upper	
43	100		
58	28.1	23.8	35.6





#17

Carbon Disulfide

Concen: 80.887 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 319714

Ion Ratio Lower Upper

76 100

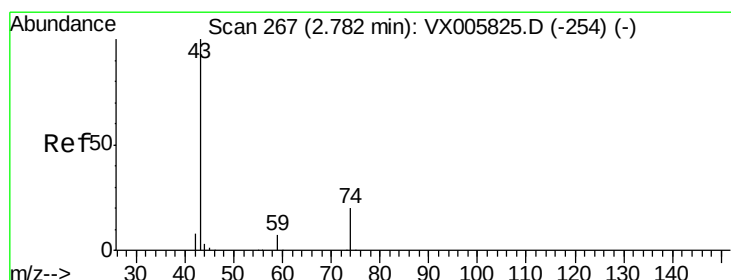
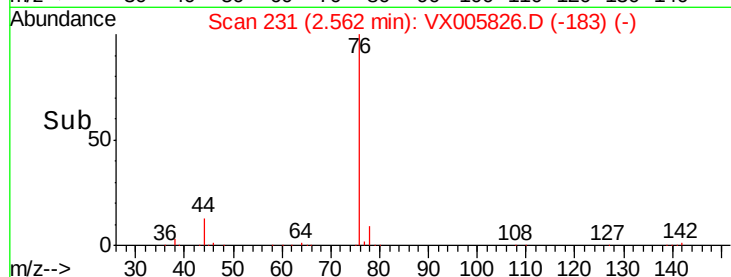
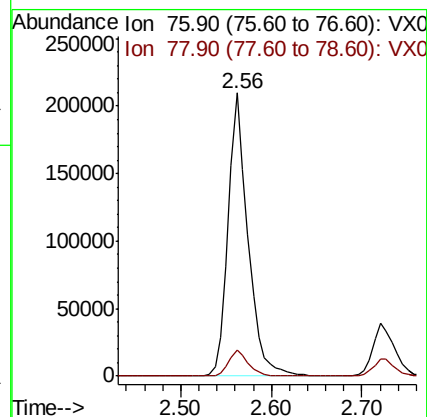
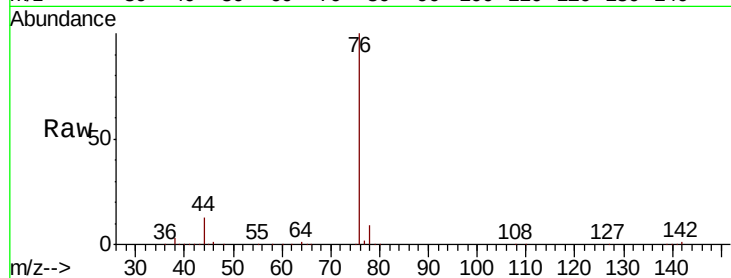
78 9.3 7.3 10.9

Manual Integrations

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MMDadoda

11/8/2018 10:35:34 AM



#18

Methyl Acetate

Concen: 79.144 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005826.D

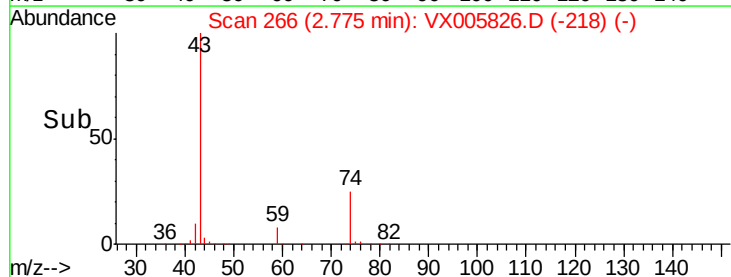
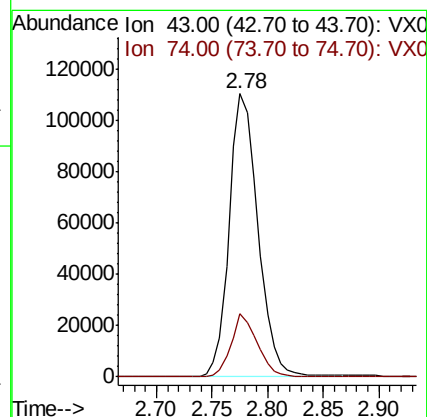
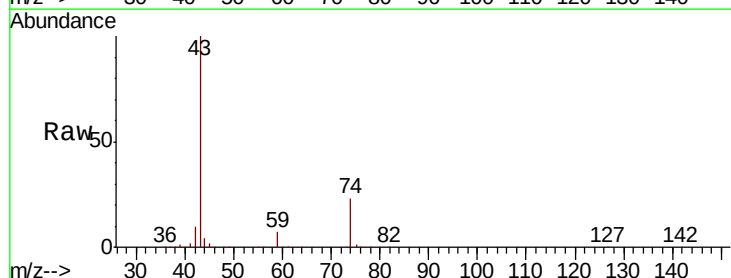
Acq: 07 Nov 2018 13:52

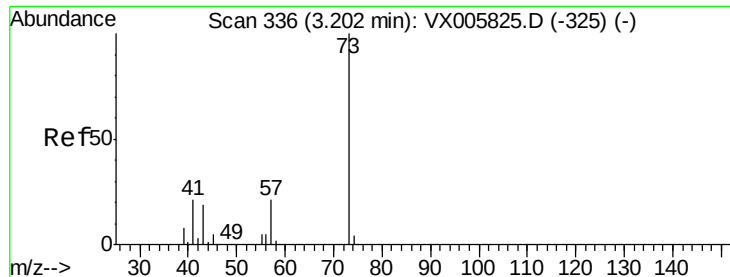
Tgt Ion: 43 Resp: 198318

Ion Ratio Lower Upper

43 100

74 20.4 16.8 25.2





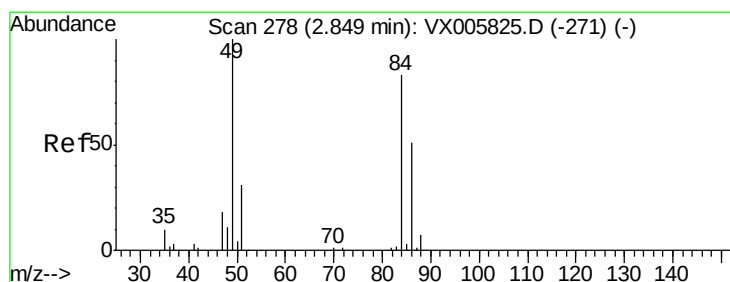
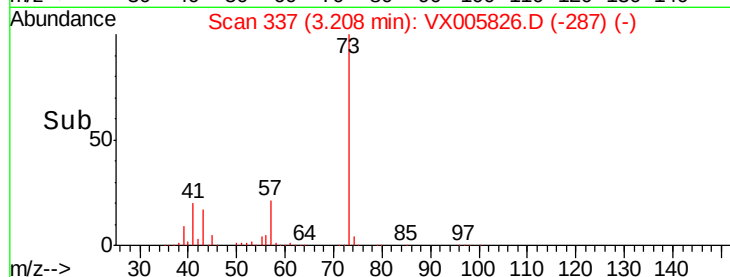
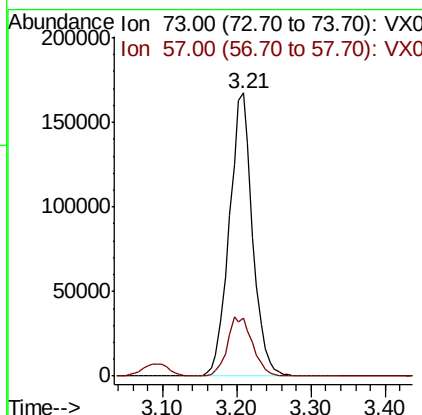
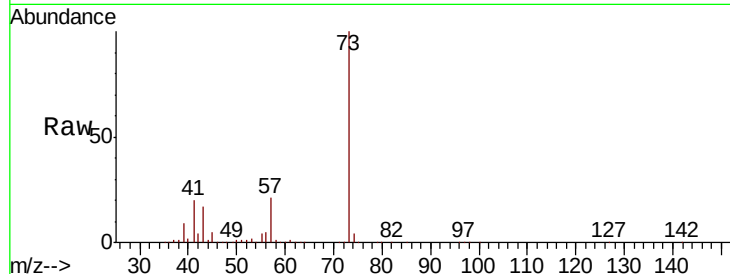
#19
Methyl tert-butyl Ether
Concen: 82.071 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 365414
Ion Ratio Lower Upper
73 100
57 20.7 18.8 28.2

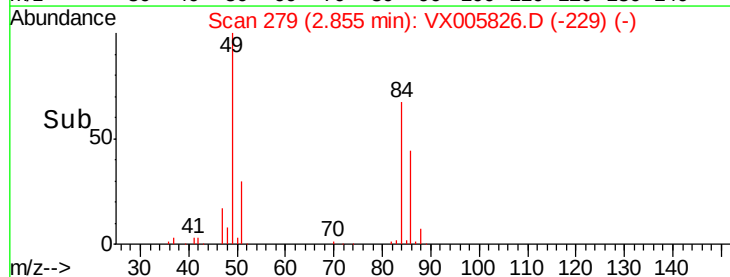
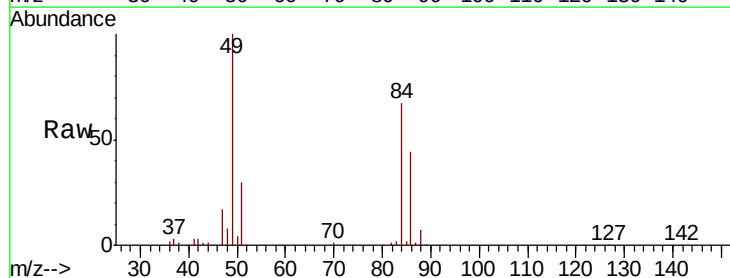
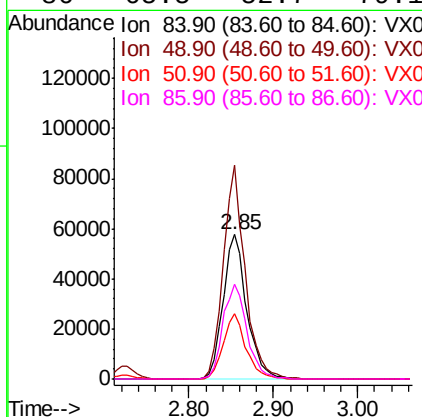
Manual Integrations
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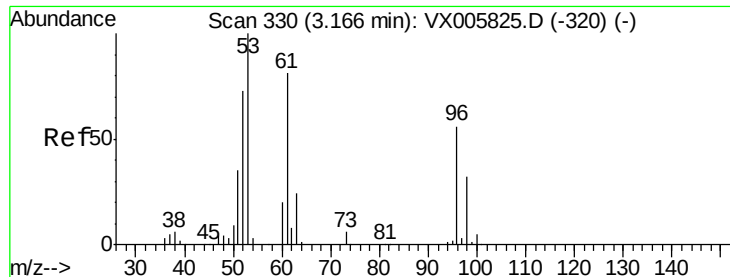
MMDadoda
11/8/2018 10:35:34 AM



#20
Methylene Chloride
Concen: 73.640 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion: 84 Resp: 110877
Ion Ratio Lower Upper
84 100
49 148.2 109.5 164.3
51 45.0 33.3 49.9
86 65.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 74.575 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

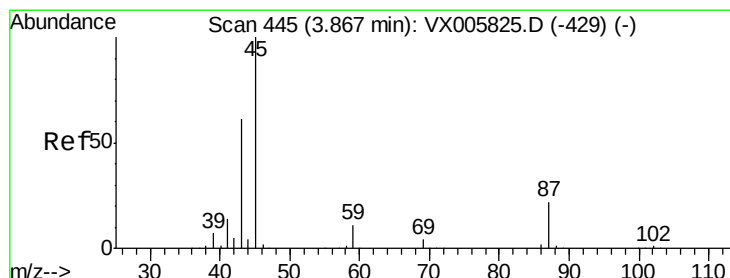
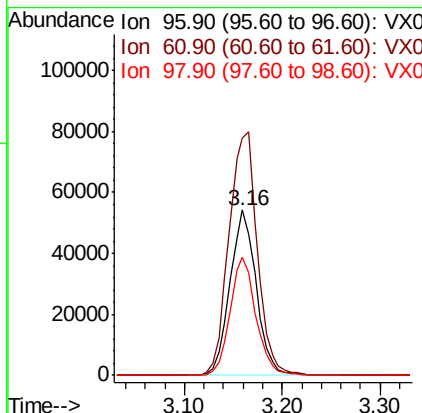
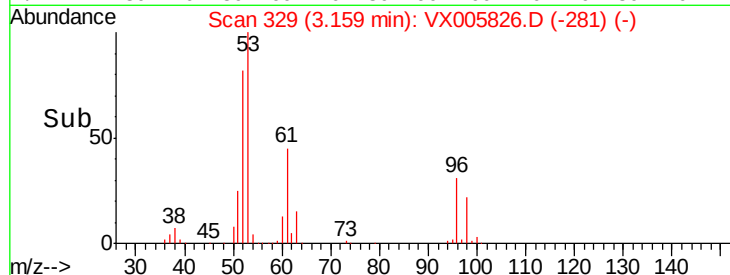
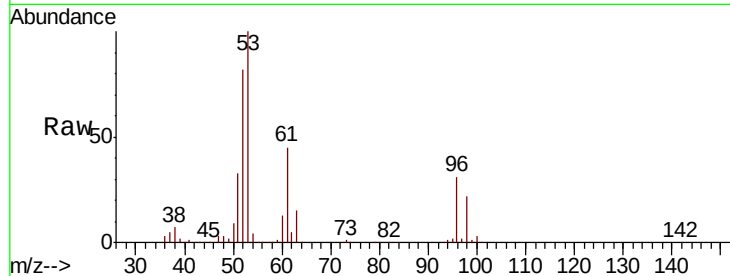
ClientSampled :

VSTDIC100

Tot Ion:	96	Resp:	101501
Ion	Ratio	Lower	Upper
96	100		
61	143.5	115.6	173.4
98	71.4	50.2	75.2

Manual Integrations
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11/8/2018 10:35:34 AM



#22

Diisopropyl ether

Concen: 81.130 ug/l

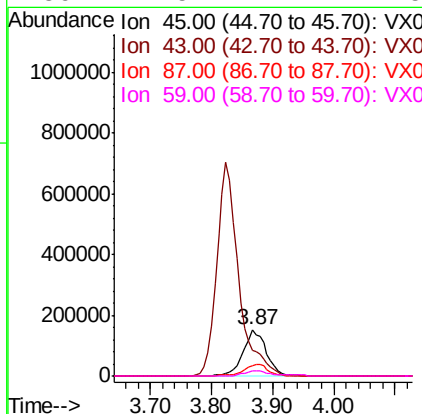
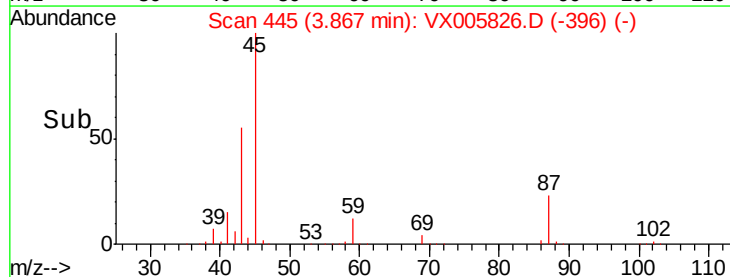
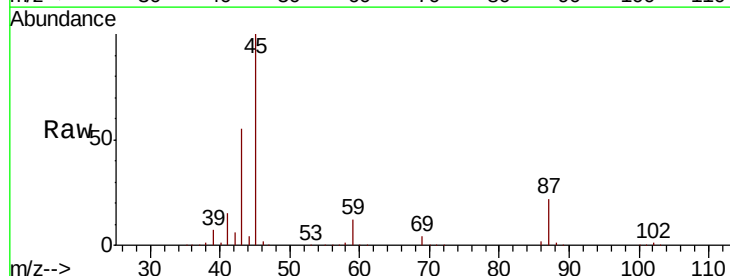
RT: 3.87 min Scan# 445

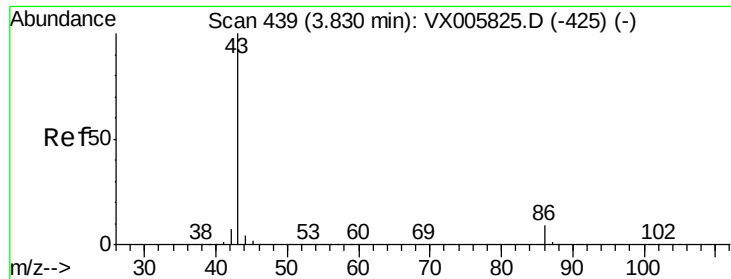
Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Tgt Ion:	45	Resp:	400284
Ion	Ratio	Lower	Upper
45	100		
43	54.9	47.4	71.2
87	22.5	15.9	23.9
59	11.5	7.7	11.5





#23

Vinyl Acetate

Concen: 412.017 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 1770616

Ion Ratio Lower Upper

43 100

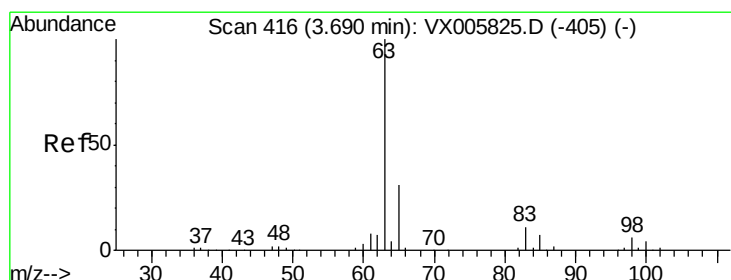
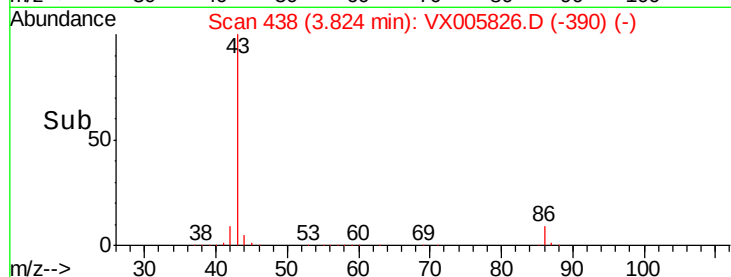
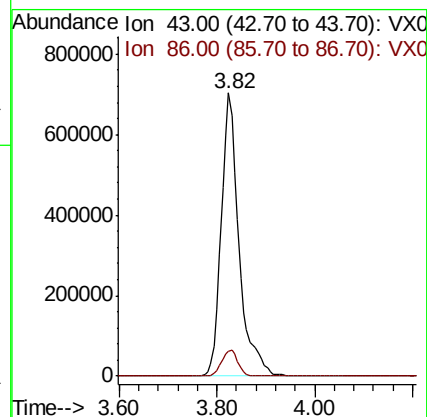
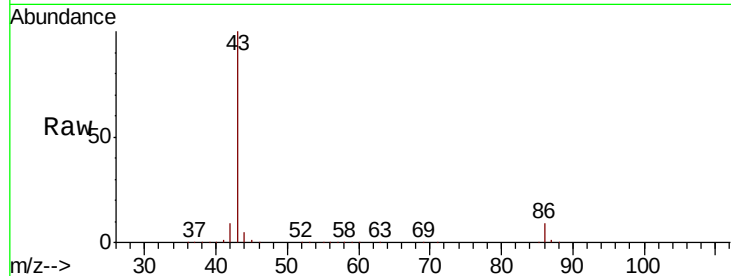
86 8.9 7.4 11.2

Manual Integrations

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MMDadoda

11/8/2018 10:35:34 AM



#24

1,1-Dichloroethane

Concen: 76.653 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

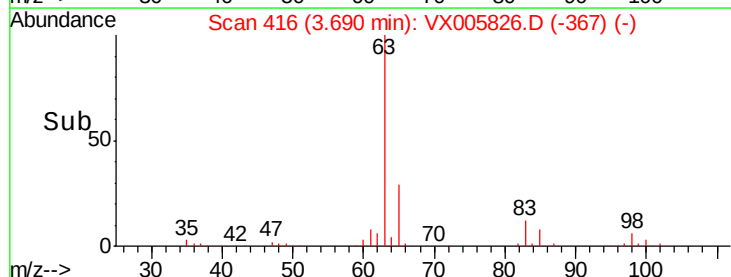
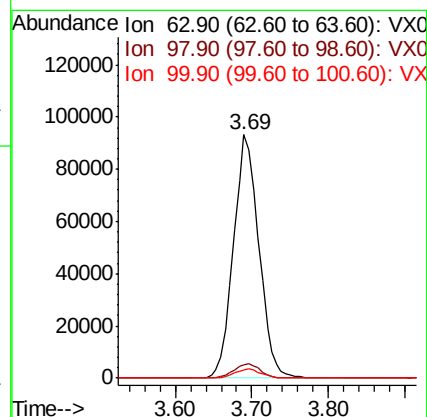
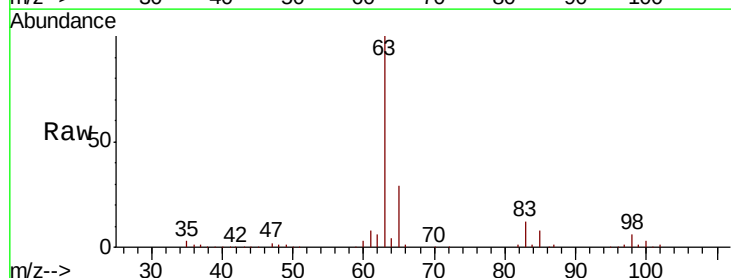
Tgt Ion: 63 Resp: 213851

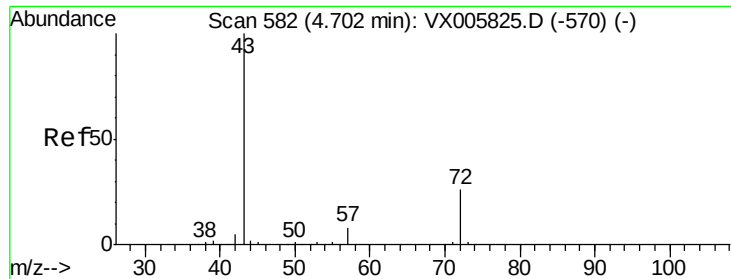
Ion Ratio Lower Upper

63 100

98 5.6 3.2 9.6

100 3.4 2.1 6.2





#25

2-Butanone

Concen: 393.933 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 580215

Ion Ratio Lower Upper

43 100

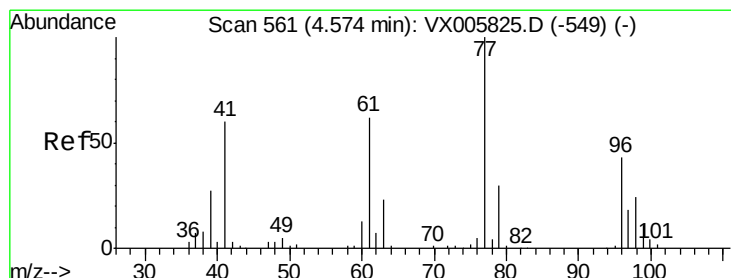
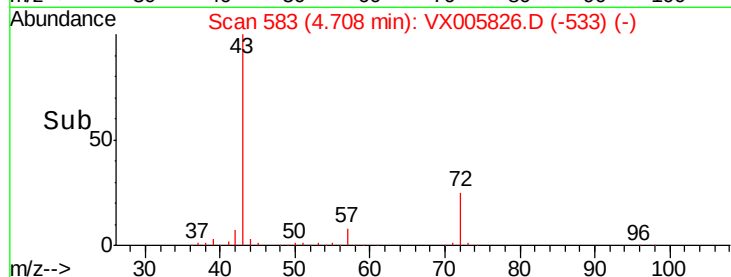
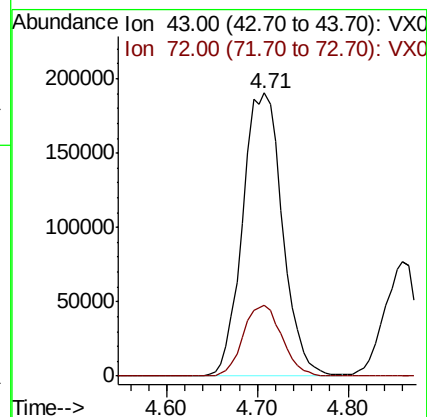
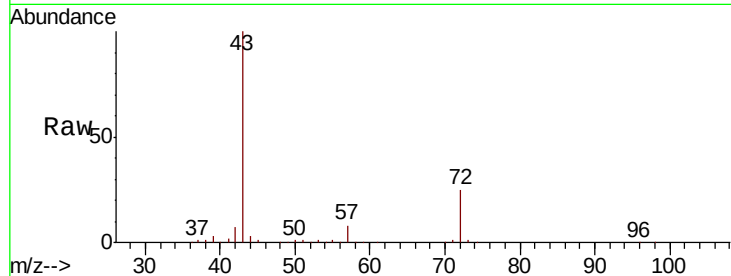
72 24.8 19.2 28.8

Manual Integrations

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MMDadoda

11/8/2018 10:35:34 AM



#26

2,2-Dichloropropane

Concen: 77.538 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005826.D

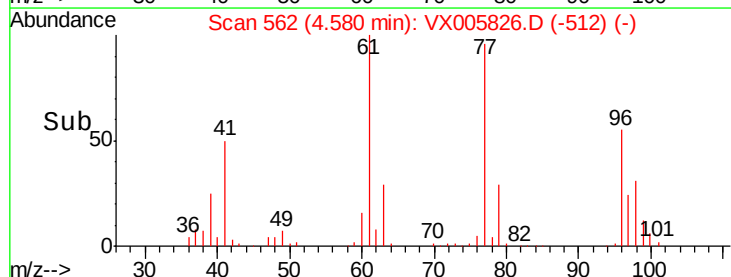
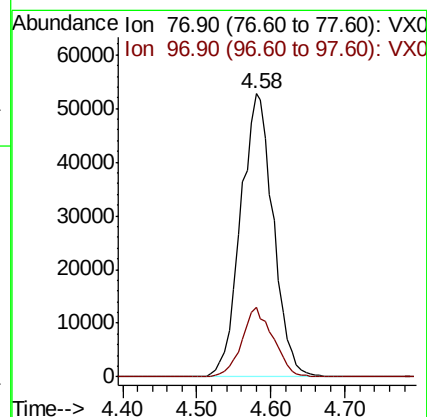
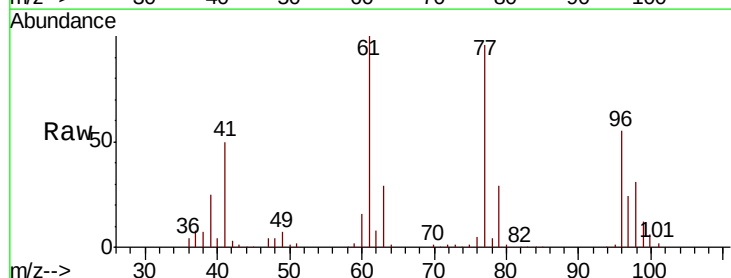
Acq: 07 Nov 2018 13:52

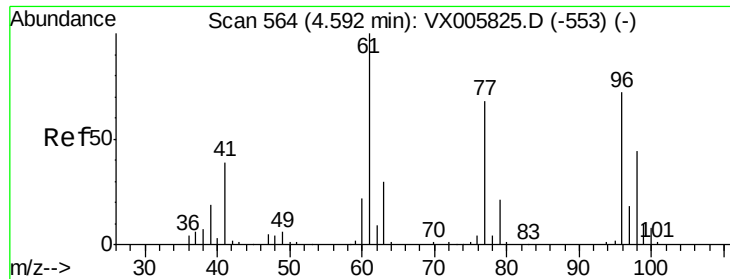
Tgt Ion: 77 Resp: 161705

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.5





#27

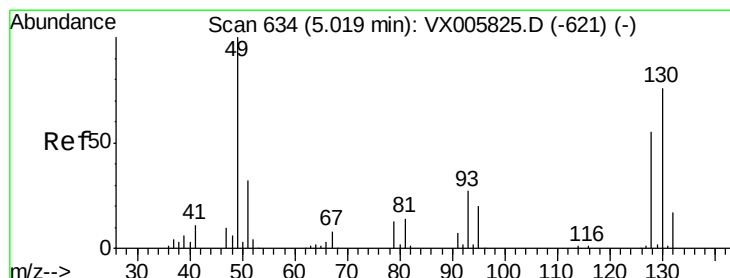
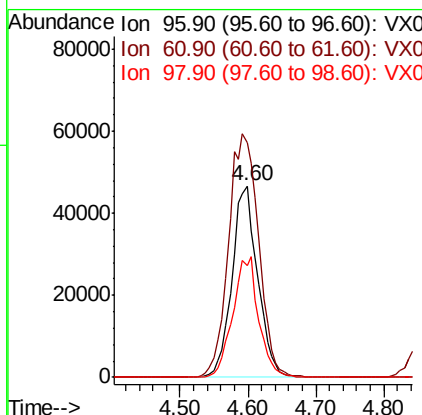
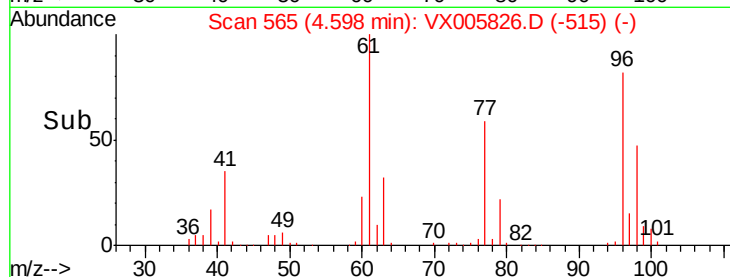
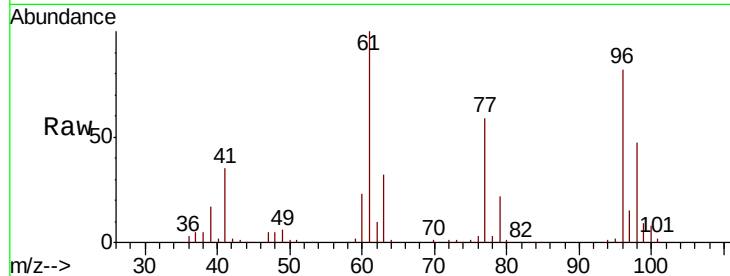
cis-1,2-Dichloroethene
Concen: 79.874 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	122159		
61	149.0	0.0	304.6	
98	63.4	0.0	127.4	

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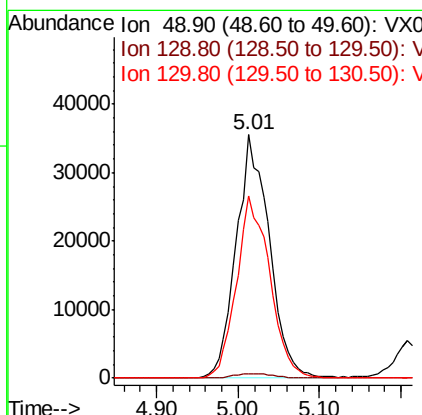
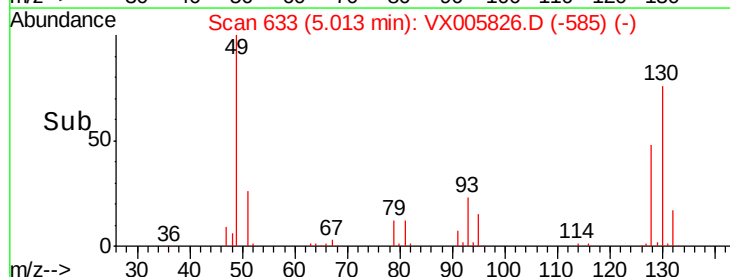
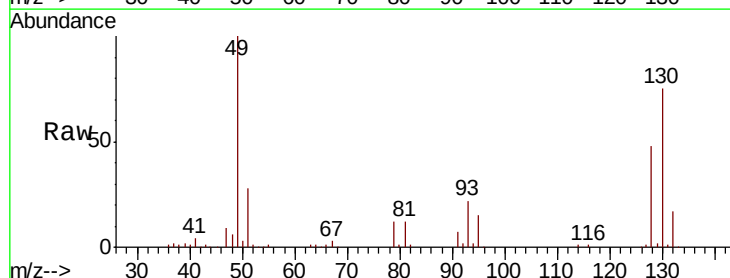
MMDadoda
11/8/2018 10:35:34 AM

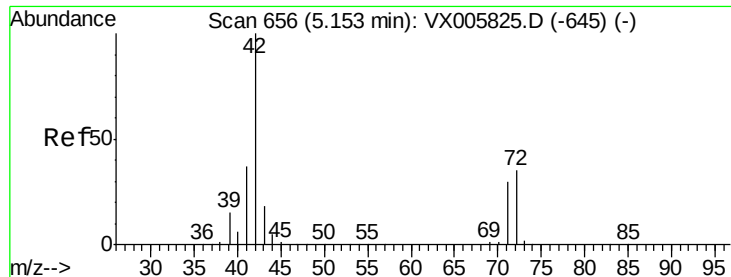


#28

Bromochloromethane
Concen: 73.638 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	100228		
129	2.0	0.0	4.0	
130	74.9	58.9	88.3	





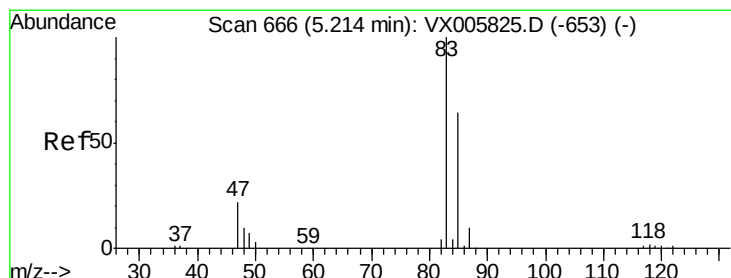
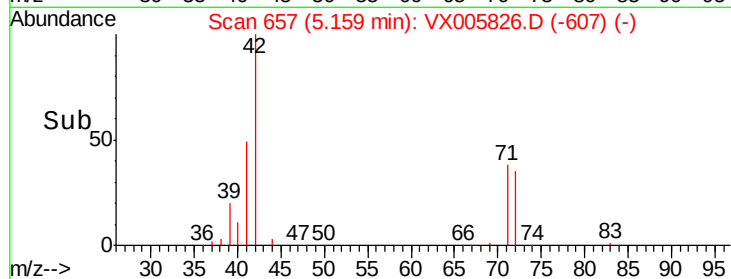
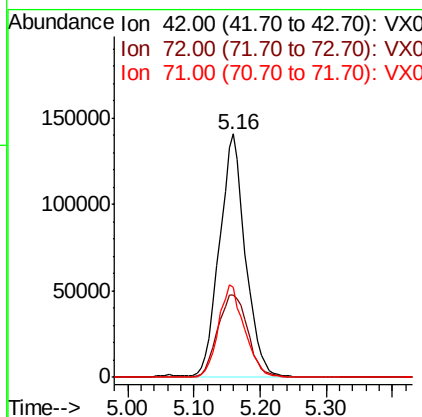
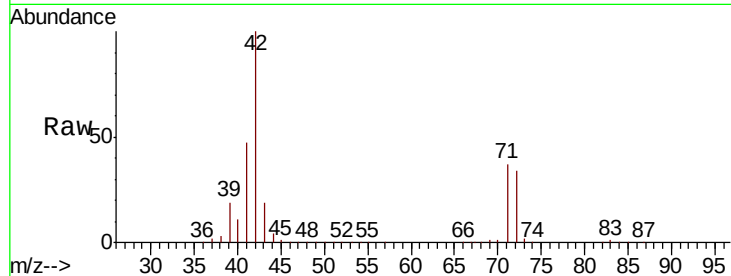
#29
Tetrahydrofuran
Concen: 425.506 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	32.0	48.0
71	38.2	29.8	44.8

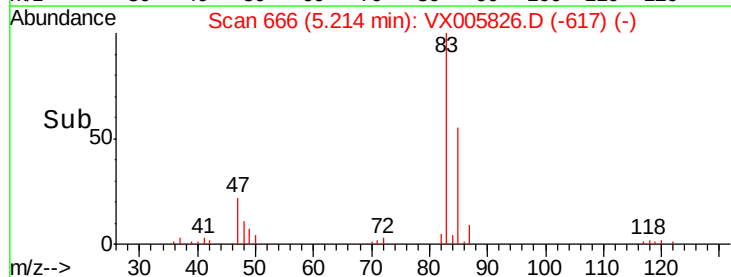
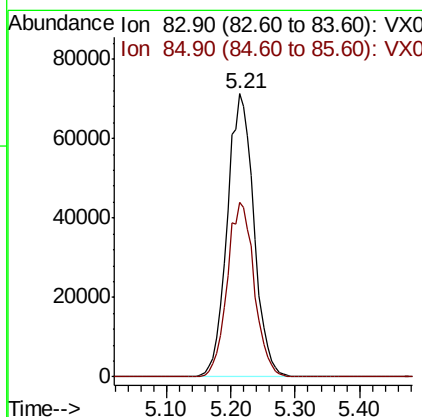
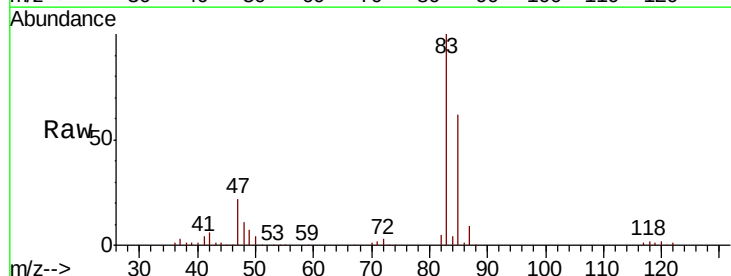
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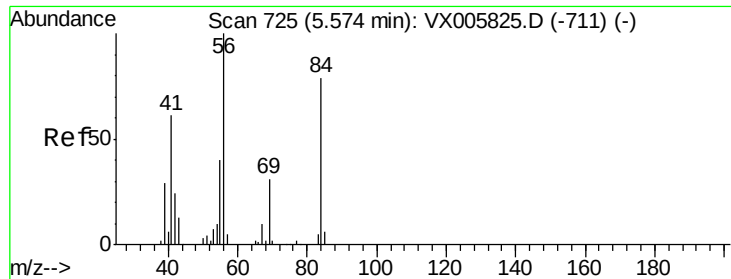
MMDadoda
11/8/2018 10:35:34 AM



#30
Chloroform
Concen: 75.963 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.6	76.0





#31

Cyclohexane

Concen: 84.635 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

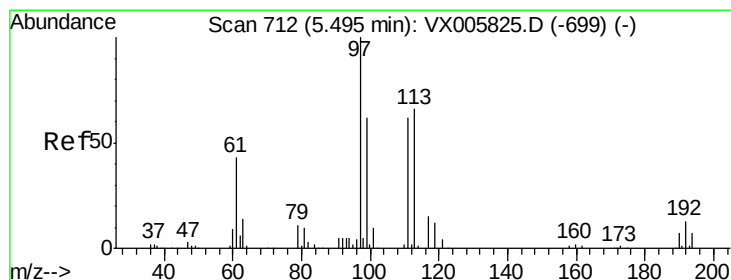
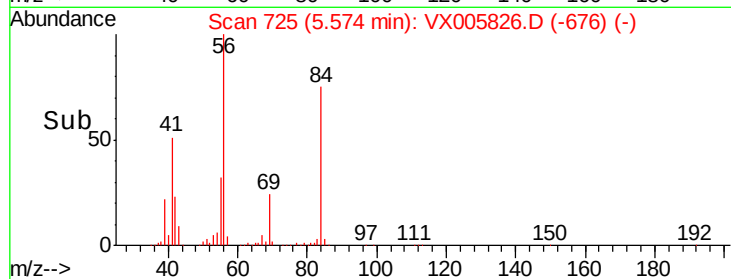
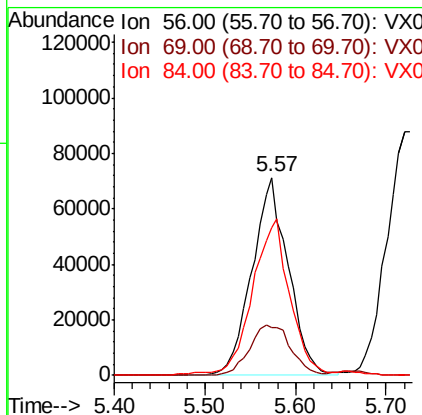
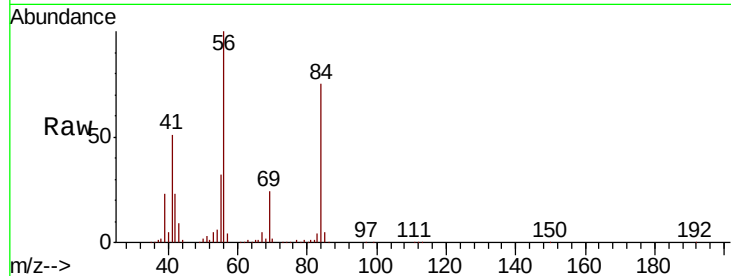
ClientSampleId :

VSTDIC100

Tot Ion:	56	Resp:	197452
Ion	Ratio	Lower	Upper
56	100		
69	24.4	22.6	34.0
84	73.8	62.7	94.1

Manual Integrations
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11/8/2018 10:35:34 AM



#32

1,1,1-Trichloroethane

Concen: 81.056 ug/l

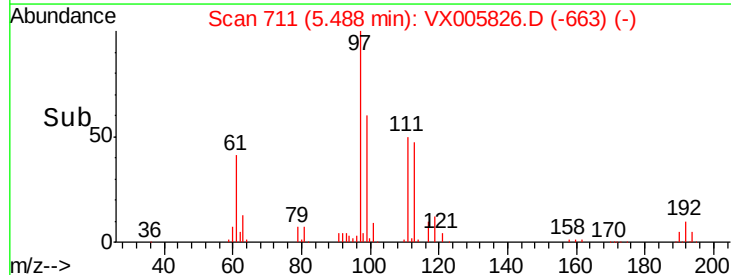
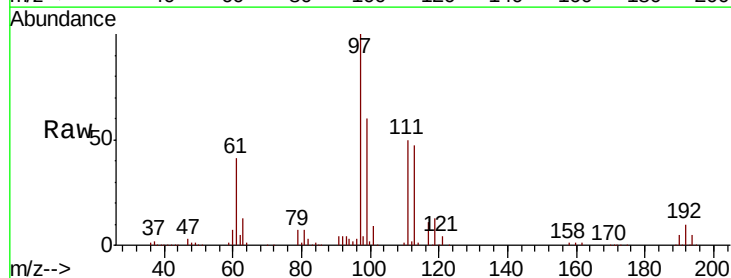
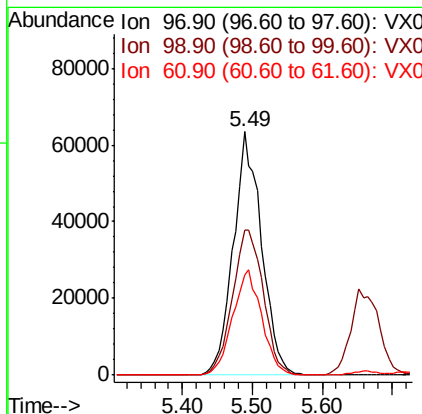
RT: 5.49 min Scan# 711

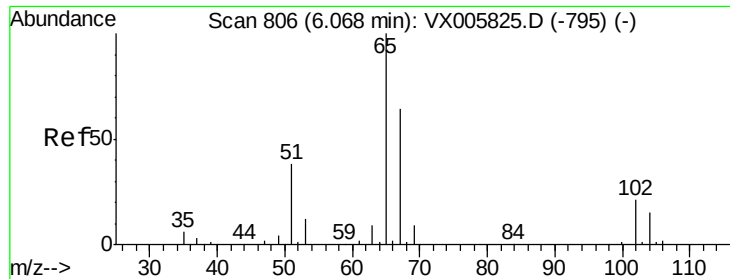
Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Tgt Ion:	97	Resp:	176942
Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.3	78.5
61	44.9	35.2	52.8





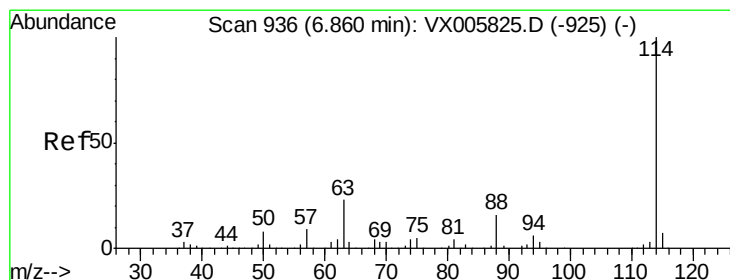
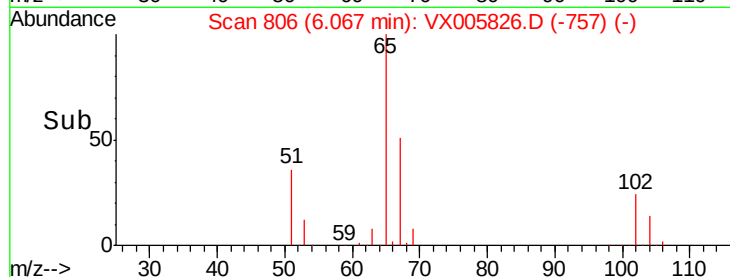
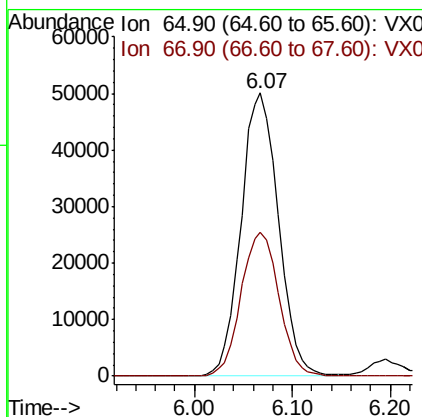
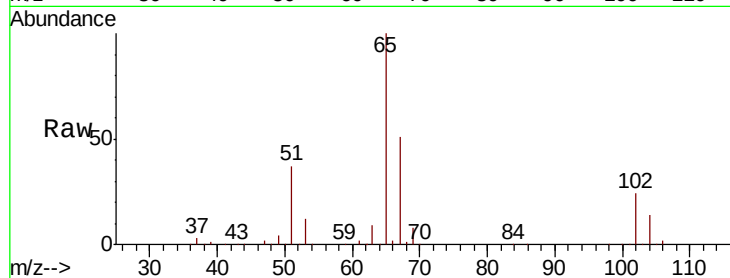
#33
 1,2-Dichloroethane-d4
 Concen: 76.131 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.0

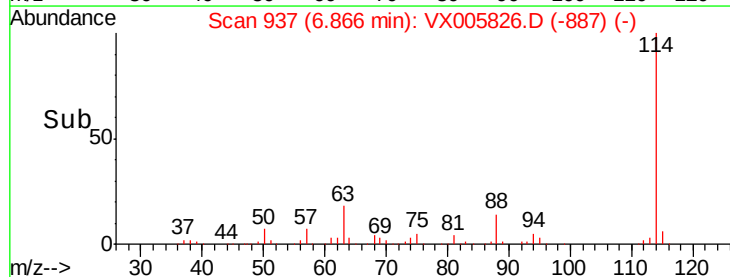
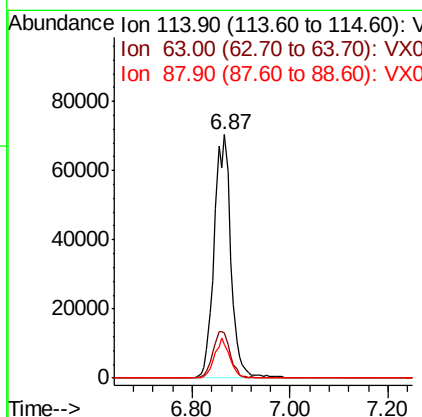
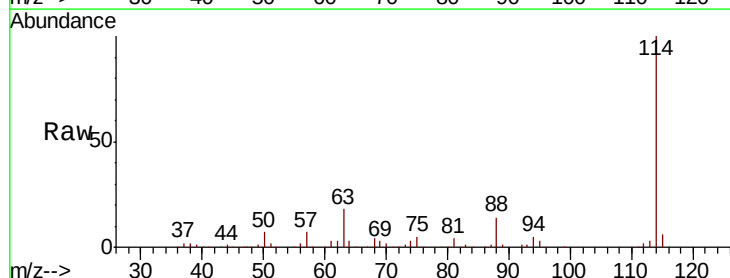
Manual Integrations
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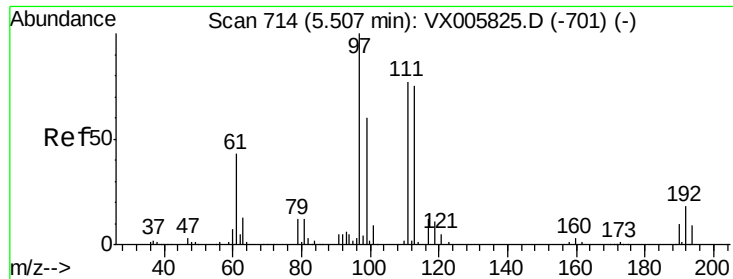
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 11/8/2018 10:35:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	42.8
88	13.7	0.0	31.2





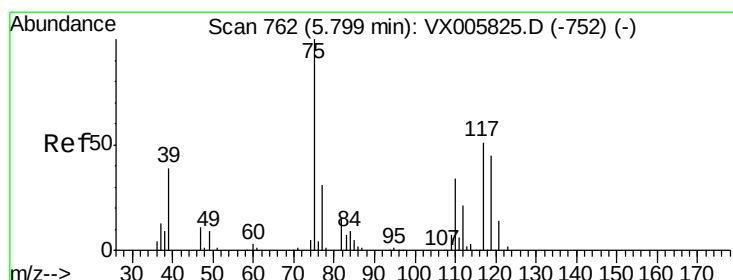
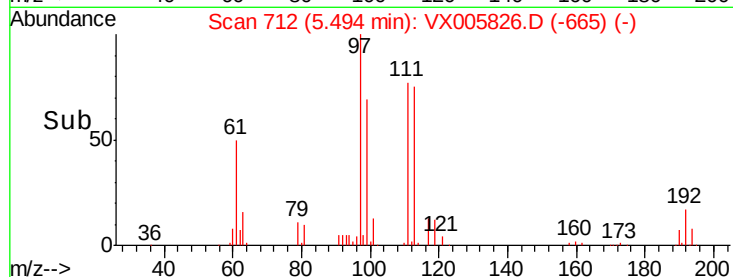
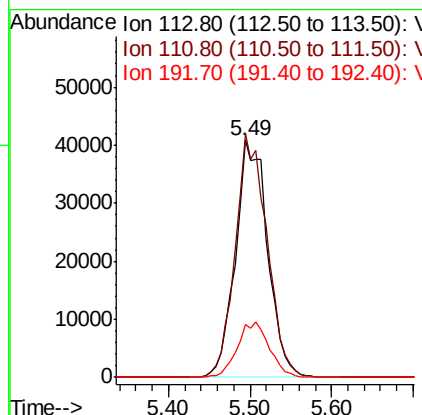
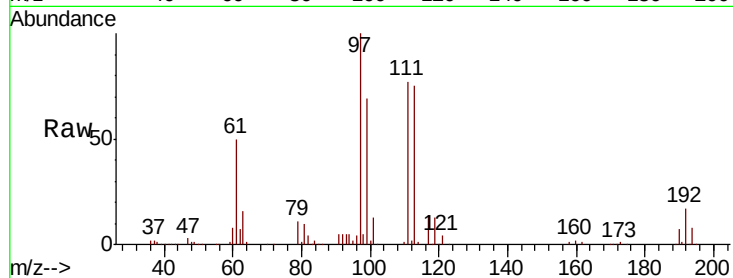
#35
Dibromofluoromethane
Concen: 96.028 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110956		
111	101.8	82.3	123.5	
192	23.2	17.9	26.9	

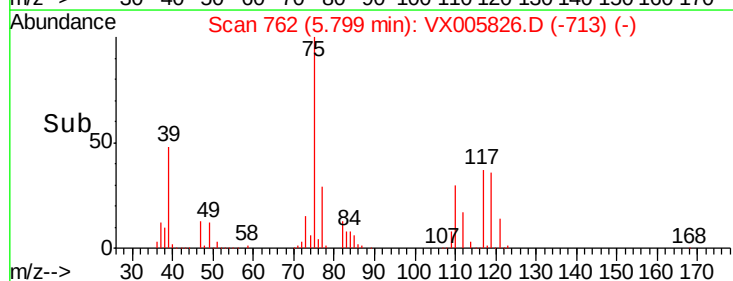
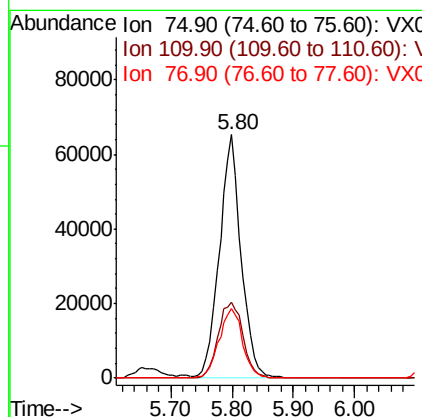
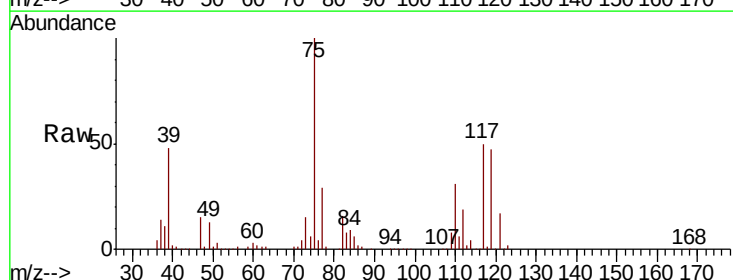
Manual Integrations
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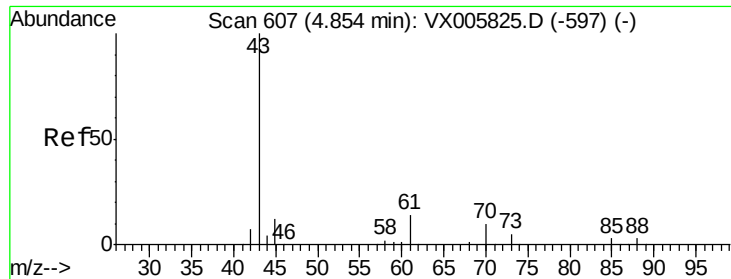
MMDadoda
11/8/2018 10:35:34 AM



#36
1,1-Dichloropropene
Concen: 90.853 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	161530		
110	35.6	17.4	52.2	
77	30.9	25.8	38.6	





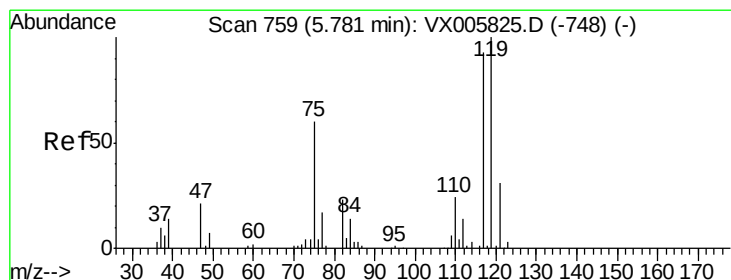
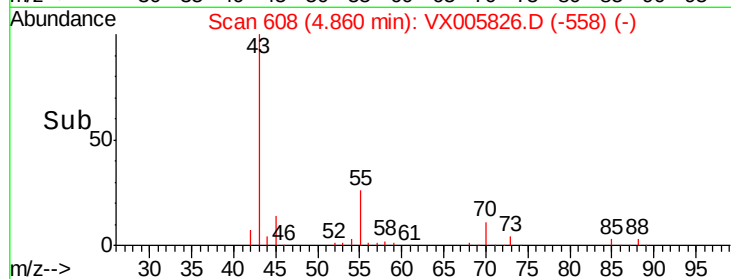
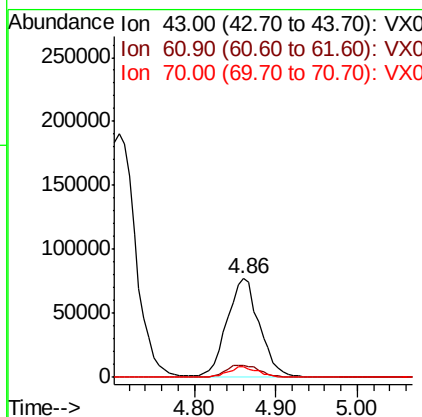
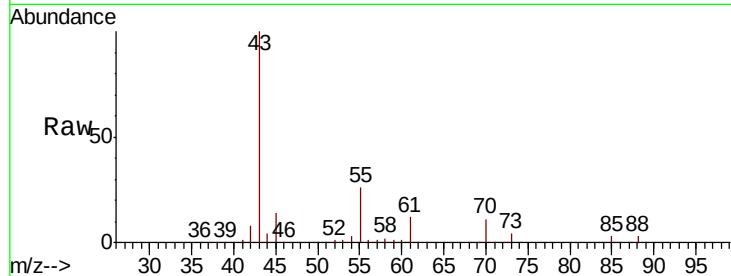
#37
Ethyl Acetate
Concen: 94.491 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	9.8	7.8	11.8

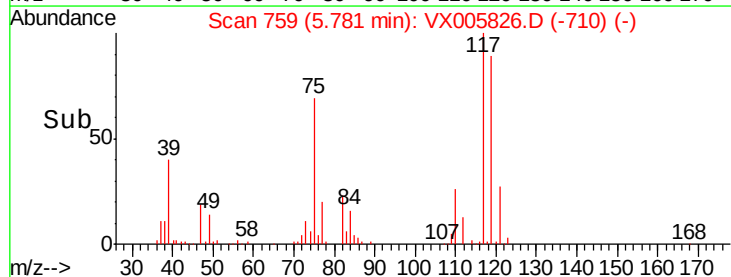
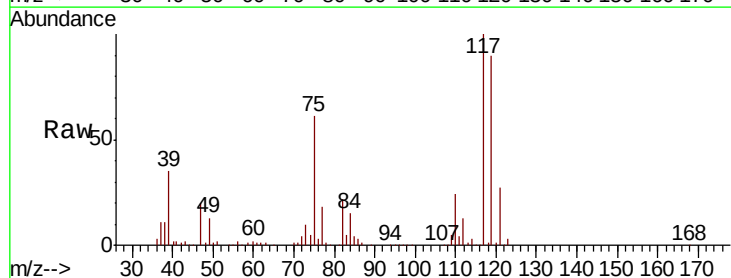
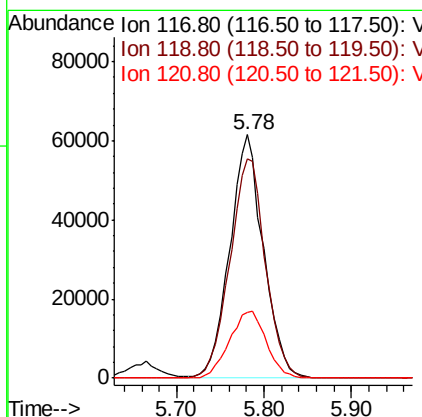
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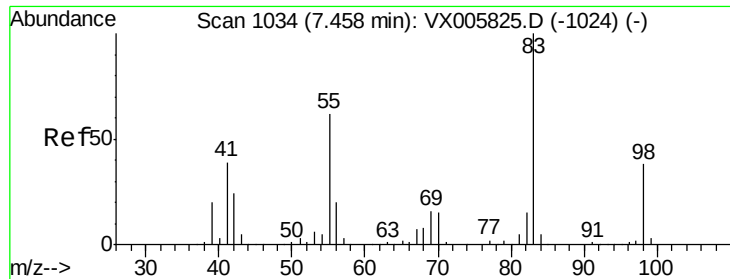
MMDadoda
11/8/2018 10:35:34 AM



#38
Carbon Tetrachloride
Concen: 102.362 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.8	78.1	117.1
121	27.1	24.6	36.8





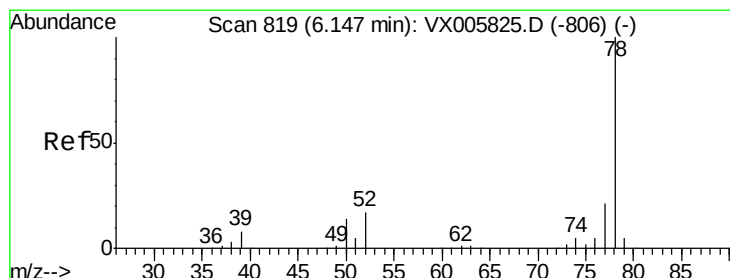
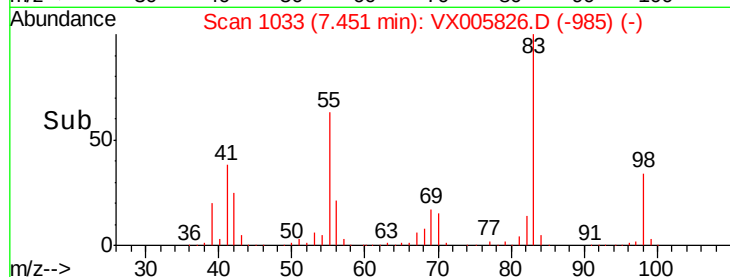
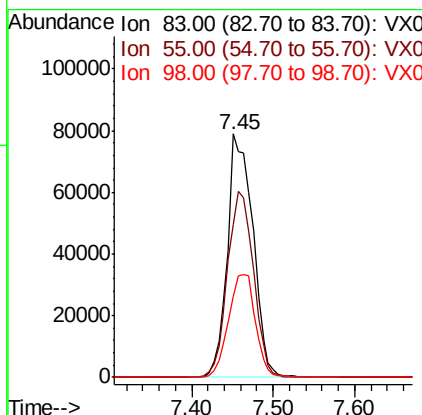
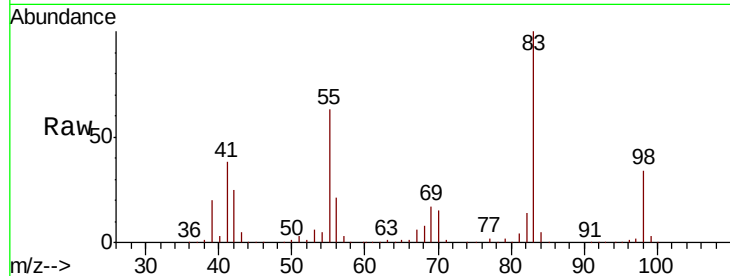
#39
Methylvlcyclohexane
Concen: 91.676 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.0	63.7	95.5#
98	33.5	36.2	54.2#

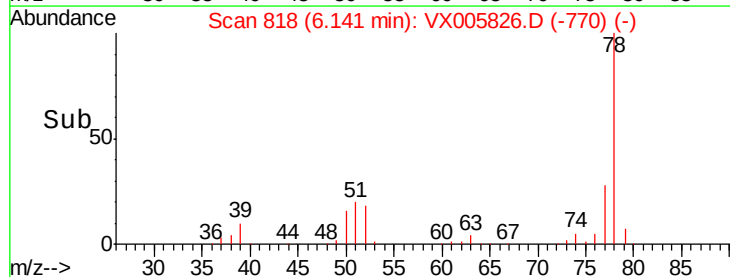
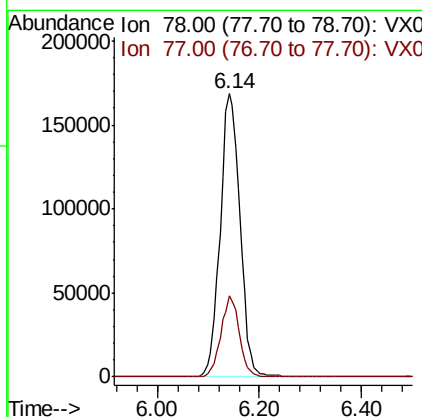
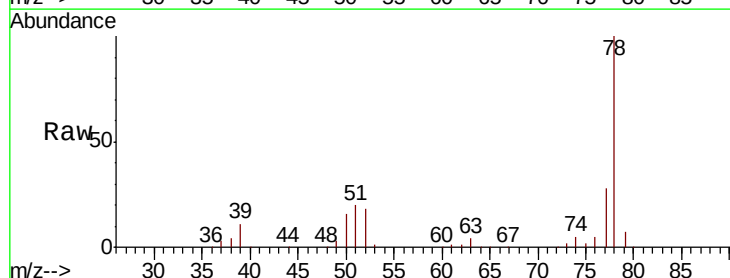
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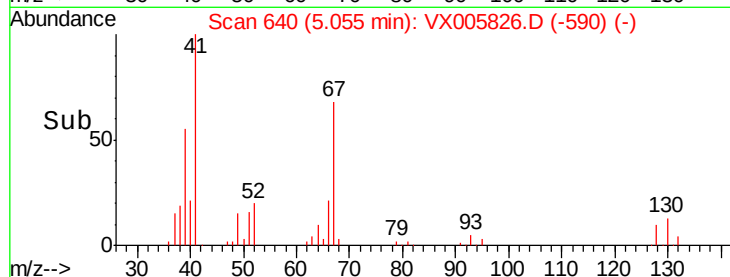
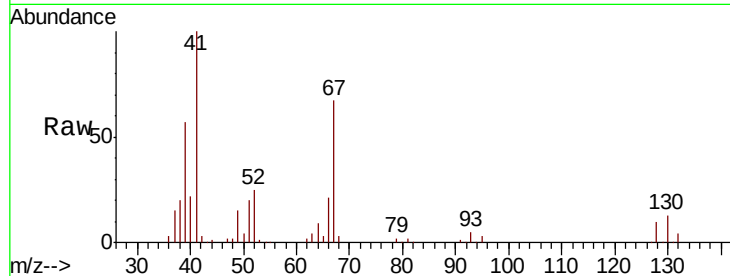
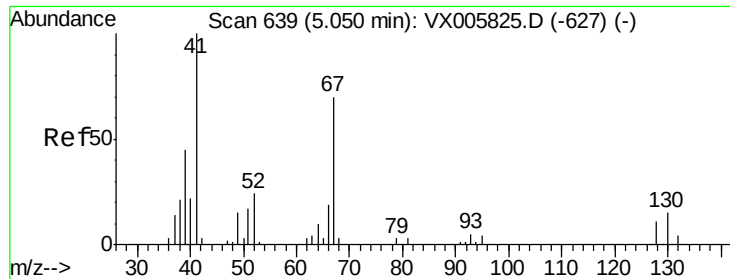
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11/8/2018 10:35:34 AM



#40
Benzene
Concen: 85.952 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	28.5	18.4	27.6#





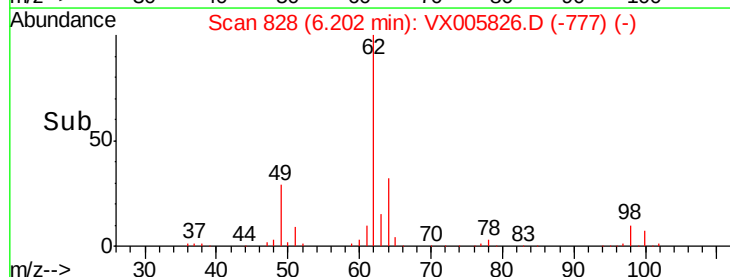
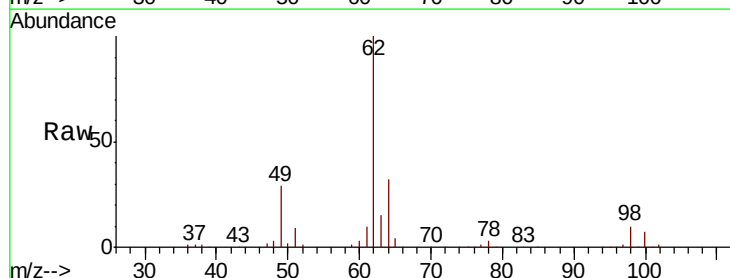
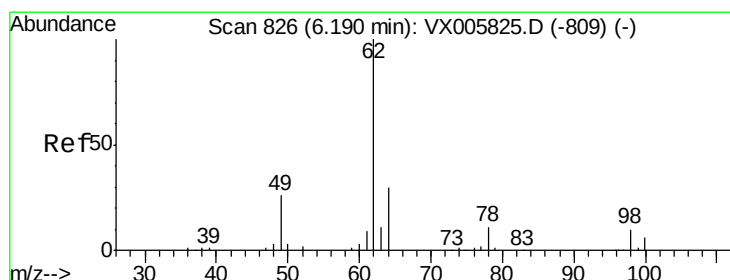
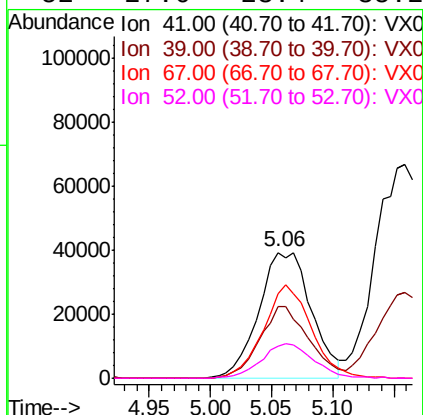
#41
Methacrylonitrile
Concen: 96.262 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	42.2	63.2	
67	67.6	53.4	80.0	
52	27.6	23.4	35.2	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

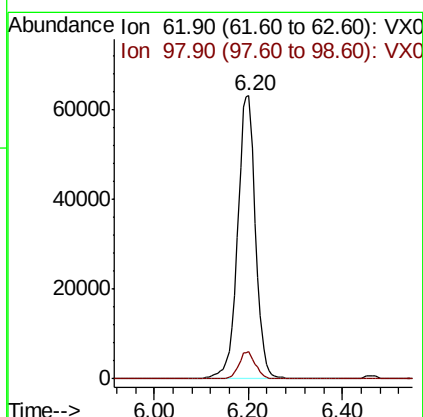
Manual Integrations
APPROVED

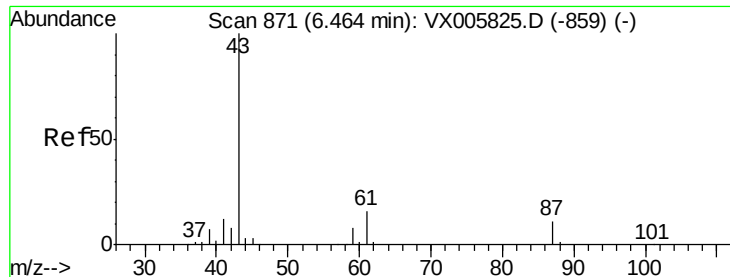
MMDadoda
11/8/2018 10:35:34 AM



#42
1,2-Dichloroethane
Concen: 84.605 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	17.8	





#43

Isopropyl Acetate

Concen: 95.470 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

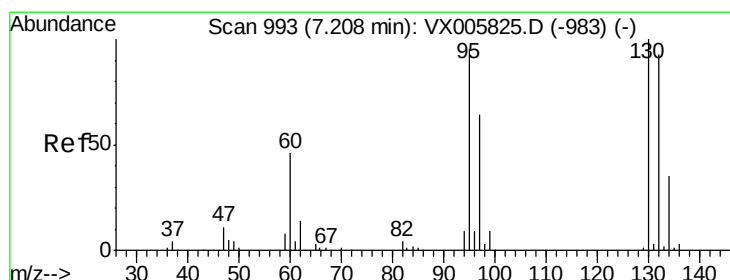
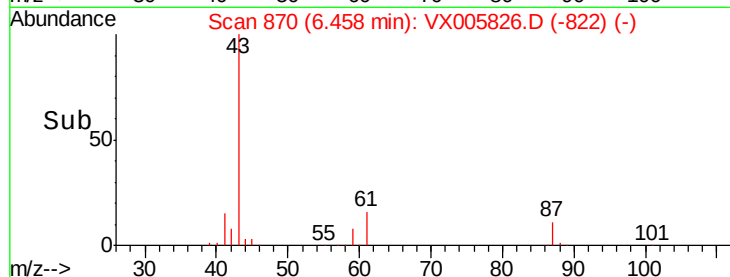
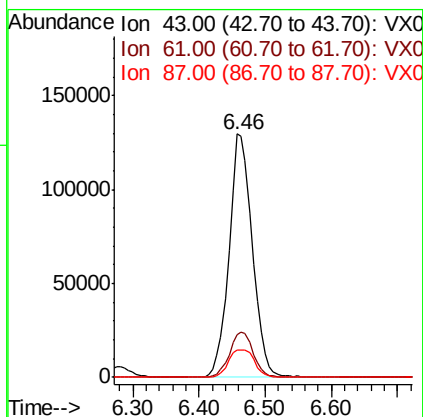
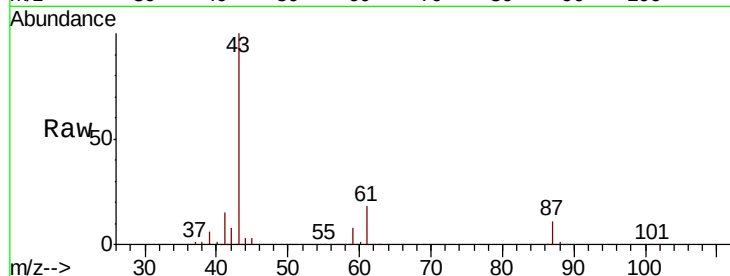
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	314304
Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.6	22.0
87	12.8	9.6	14.4

Manual Integrations
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MMDadoda
11/8/2018 10:35:34 AM



#44

Trichloroethene

Concen: 93.802 ug/l

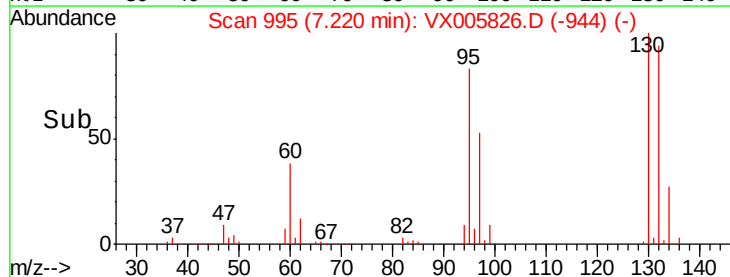
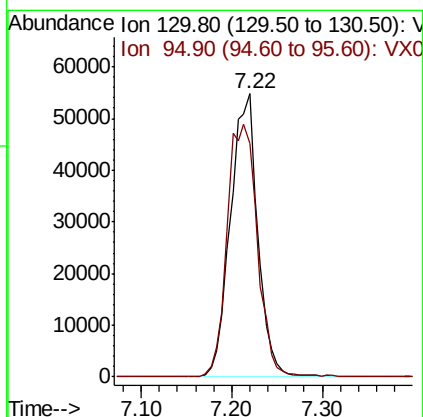
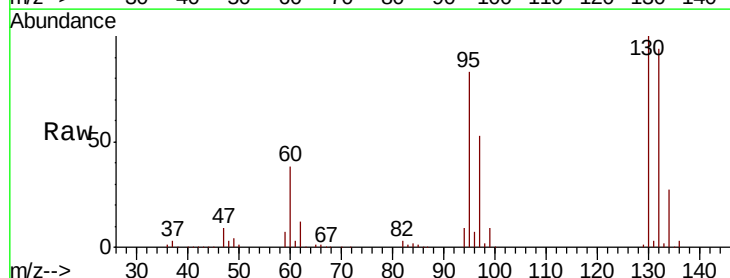
RT: 7.22 min Scan# 995

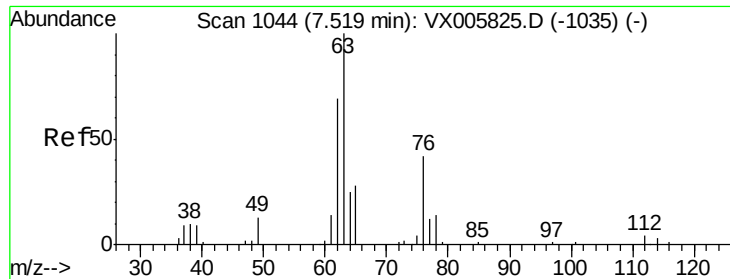
Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Tgt Ion:	130	Resp:	114749
Ion	Ratio	Lower	Upper
130	100		
95	82.7	0.0	194.2





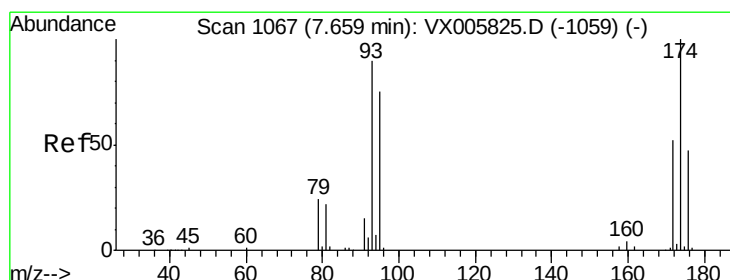
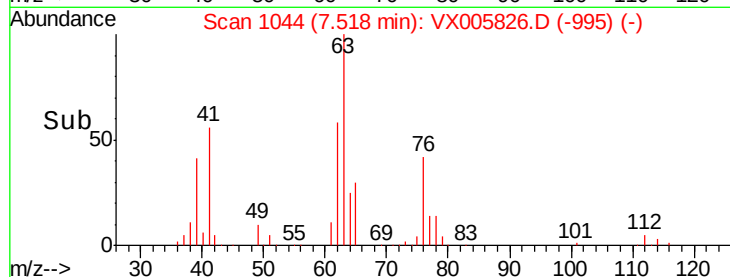
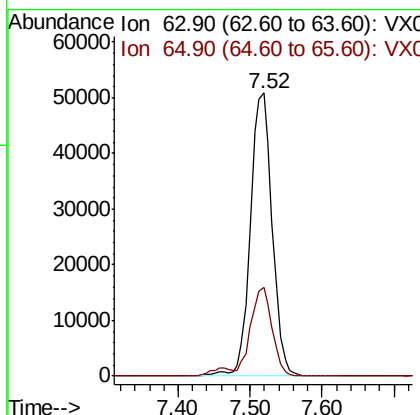
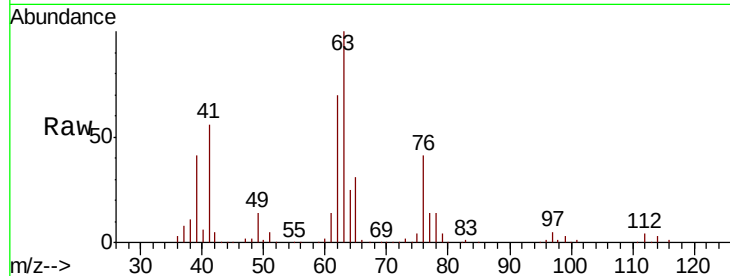
#45
 1,2-Dichloropropane
 Concen: 79.055 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.8	37.2

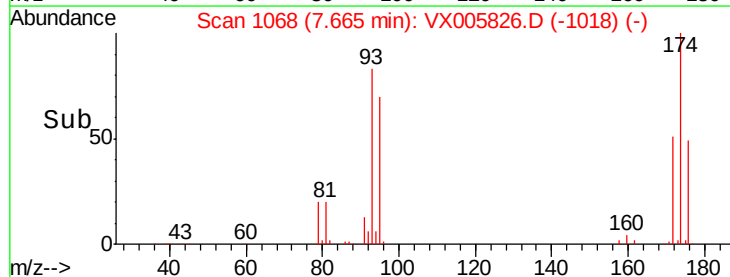
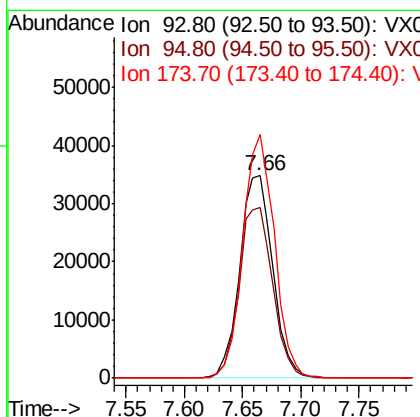
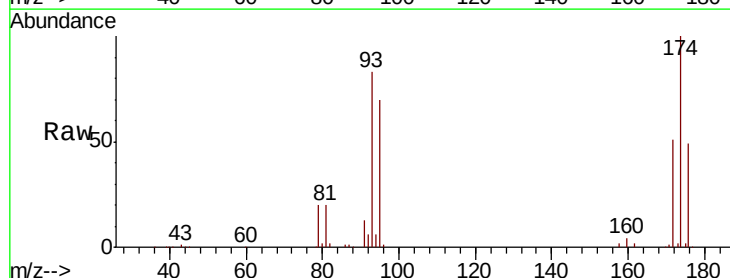
Manual Integrations
 APPROVED

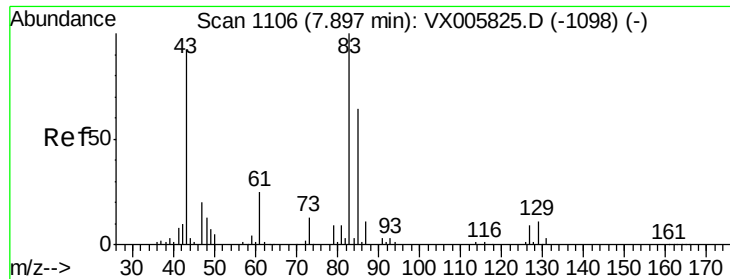
MMDadoda
 11/8/2018 10:35:34 AM



#46
 Dibromomethane
 Concen: 79.568 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.7	67.4	101.0
174	115.1	91.5	137.3





#47

Bromodichloromethane

Concen: 83.187 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

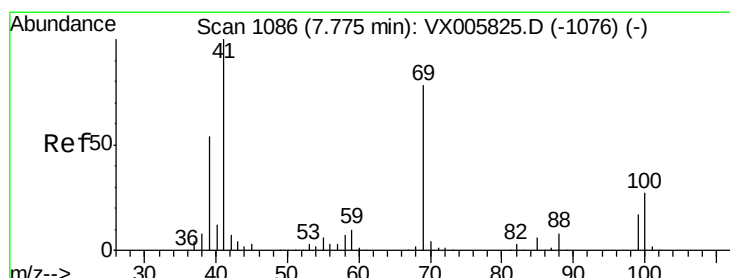
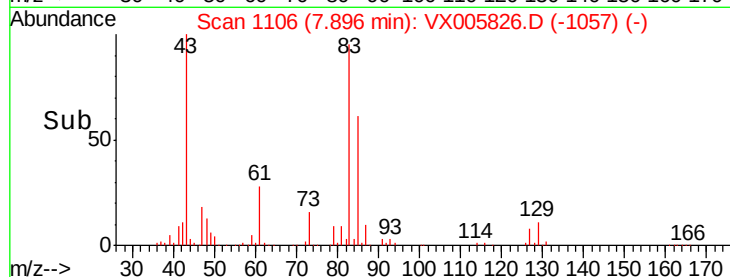
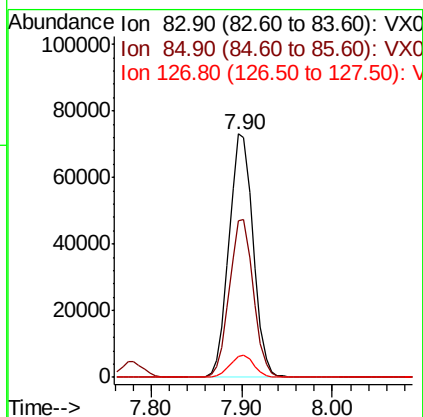
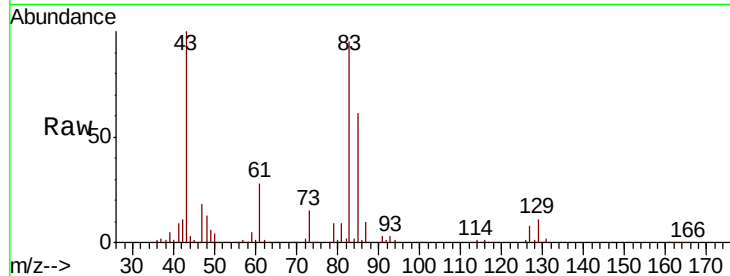
ClientSampleId :

VSTDICC100

Tot Ion:	83	Resp:	135167
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.2	75.4
127	8.6	6.9	10.3

Manual Integrations
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MMDadoda
11/8/2018 10:35:34 AM



#48

Methyl methacrylate

Concen: 90.153 ug/l

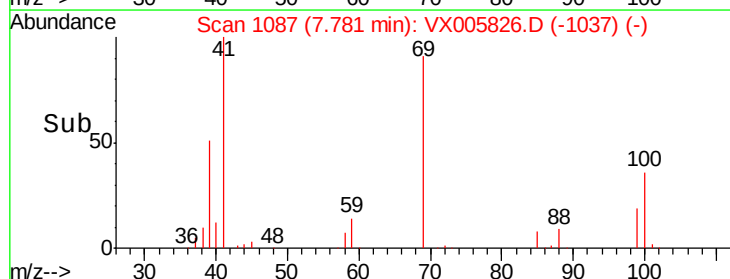
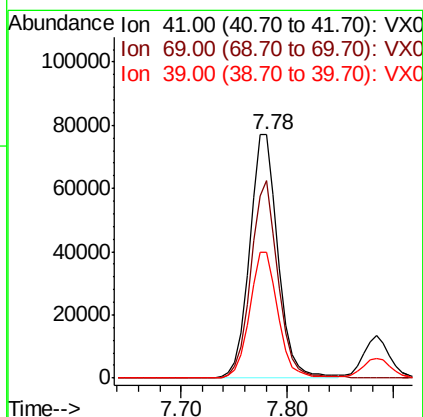
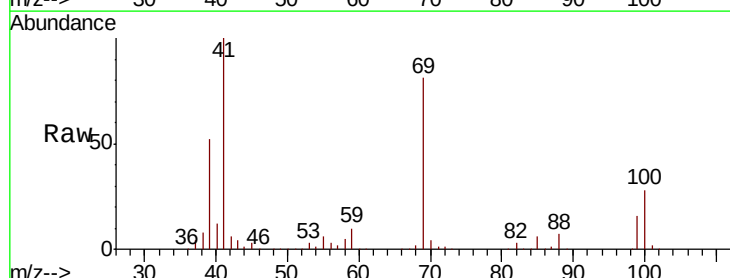
RT: 7.78 min Scan# 1087

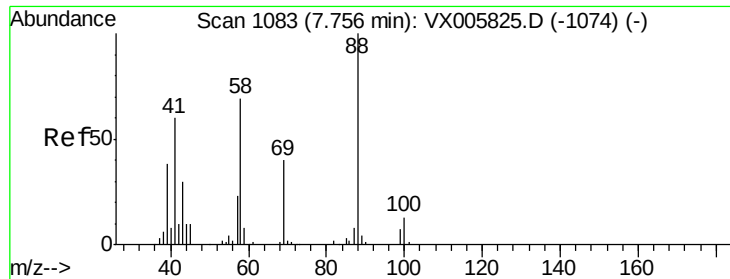
Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Tgt Ion:	41	Resp:	143650
Ion Ratio	Lower	Upper	
41	100		
69	78.0	63.2	94.8
39	51.9	42.2	63.2





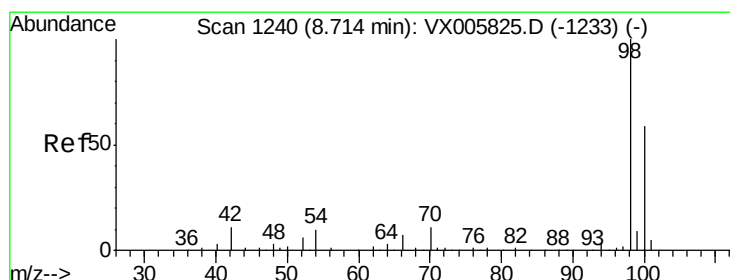
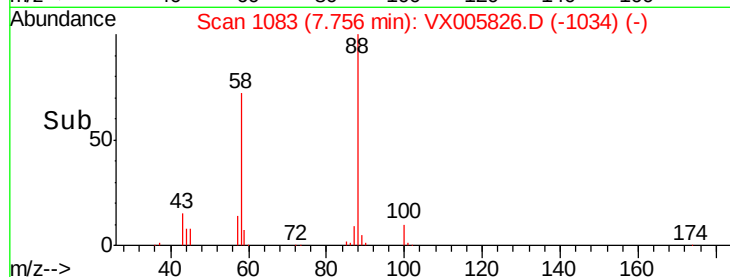
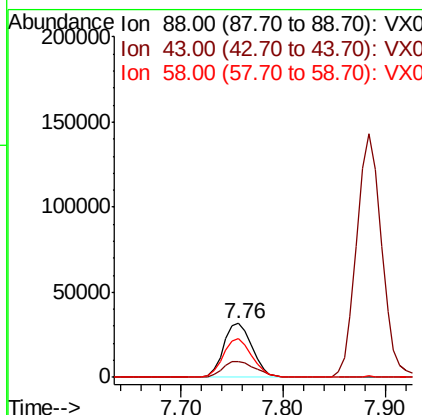
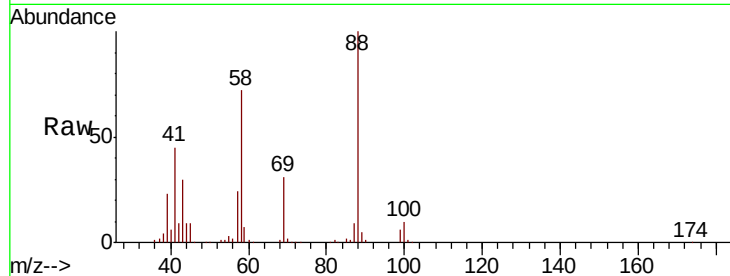
#49
1,4-Dioxane
Concen: 1744.950 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	27.4	41.0
58	72.2	59.4	89.2

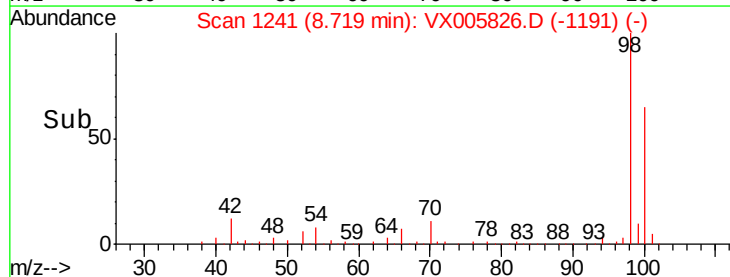
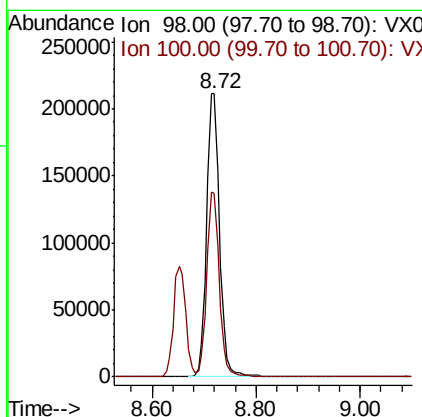
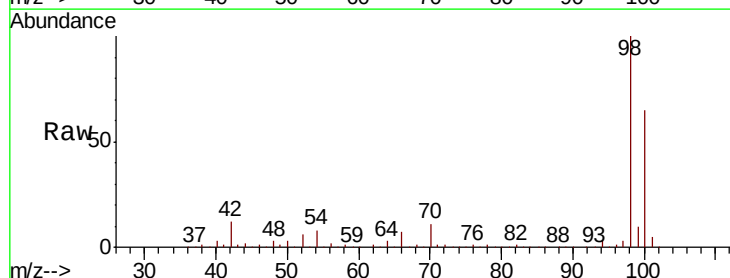
Manual Integrations
APPROVED

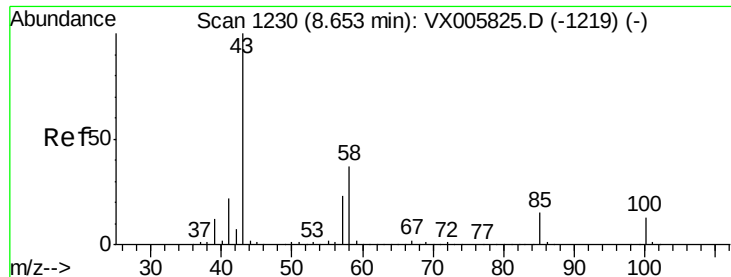
MMDadoda
11/8/2018 10:35:34 AM



#50
Toluene-d8
Concen: 89.370 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 433.544 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 973223

Ion Ratio Lower Upper

43 100

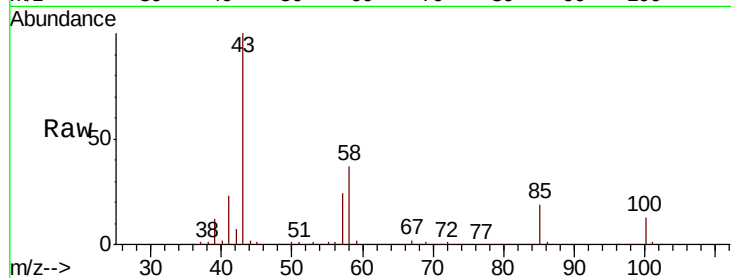
58 37.3 29.7 44.5

Manual Integrations

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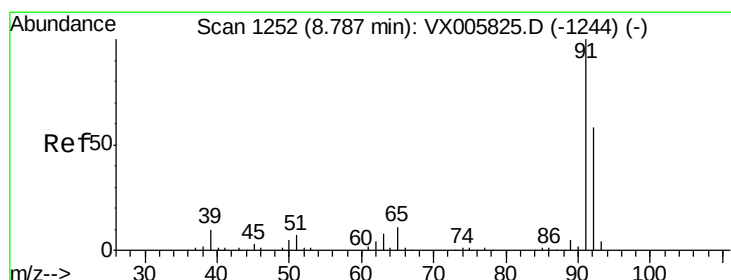
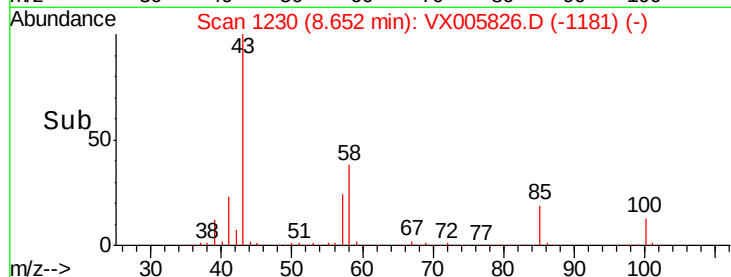
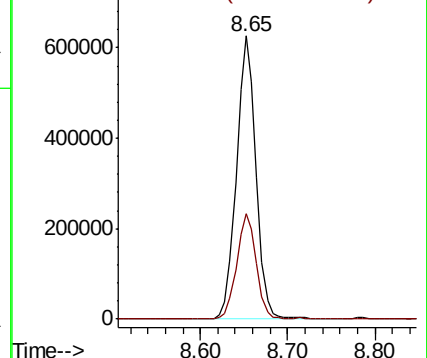
MMDadoda

11/8/2018 10:35:34 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 88.973 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005826.D

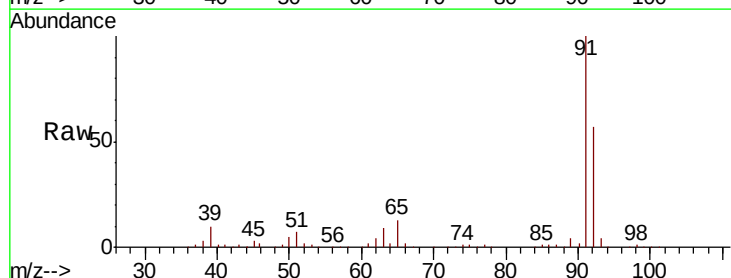
Acq: 07 Nov 2018 13:52

Tgt Ion: 92 Resp: 254547

Ion Ratio Lower Upper

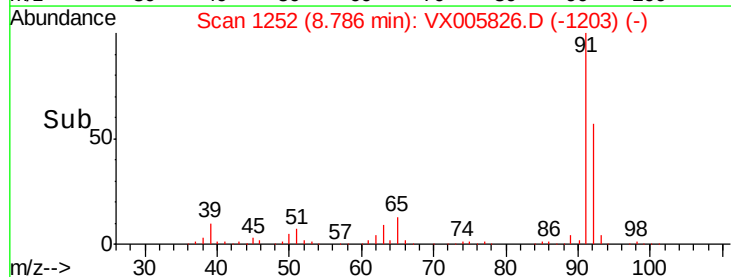
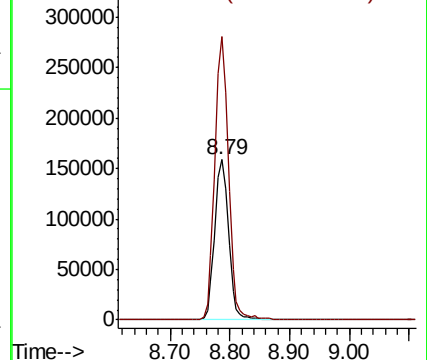
92 100

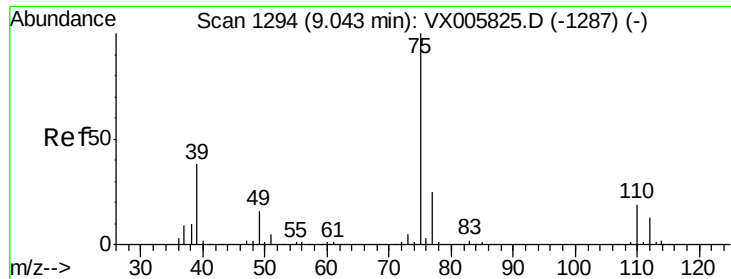
91 173.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





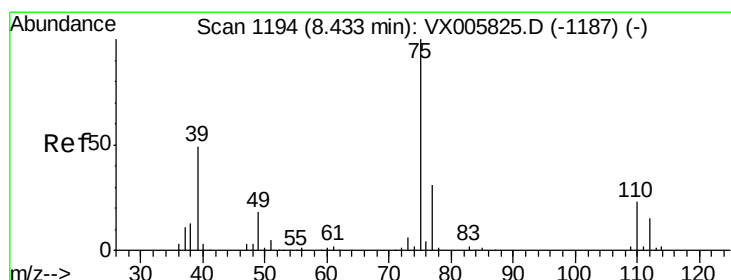
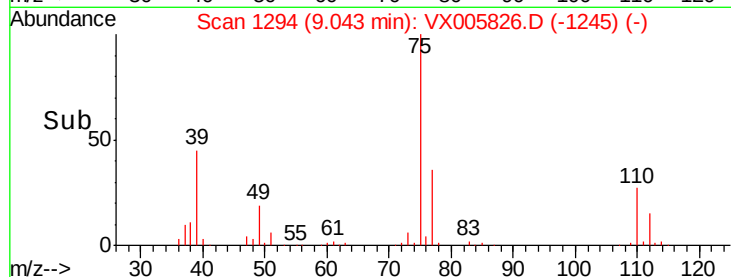
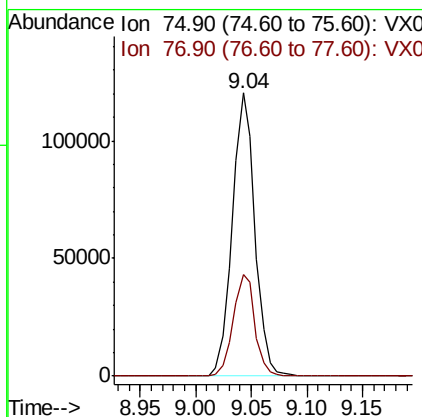
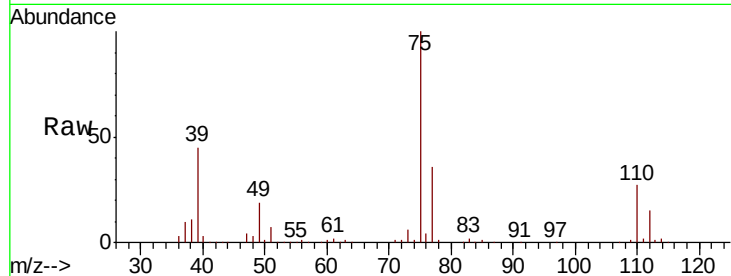
#53
t-1,3-Dichloropropene
Concen: 95.766 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 75 Resp: 168634
Ion Ratio Lower Upper
75 100
77 35.7 25.4 38.2

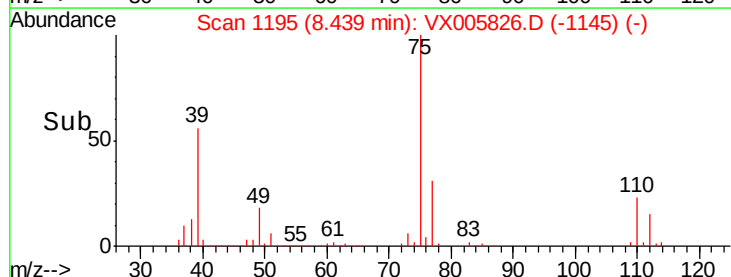
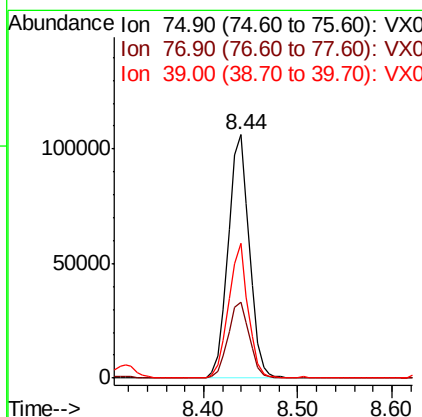
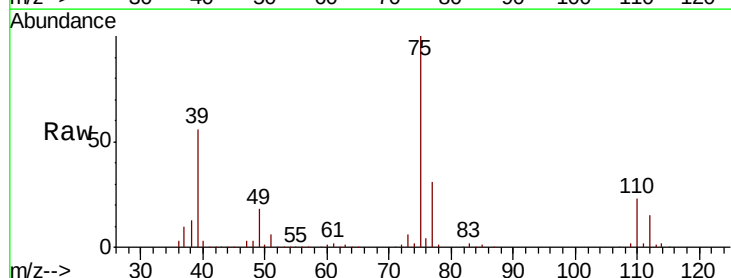
Manual Integrations
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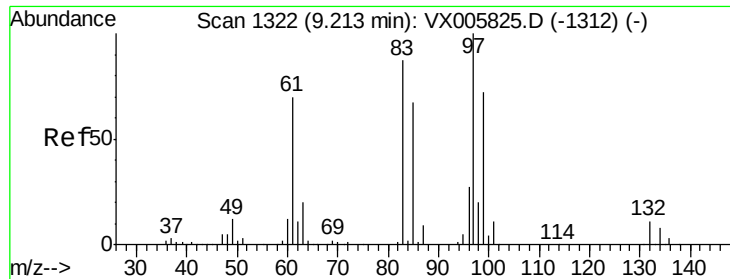
MMDadoda
11/8/2018 10:35:34 AM



#54
cis-1,3-Dichloropropene
Concen: 87.916 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion: 75 Resp: 165864
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 55.5 38.2 57.2





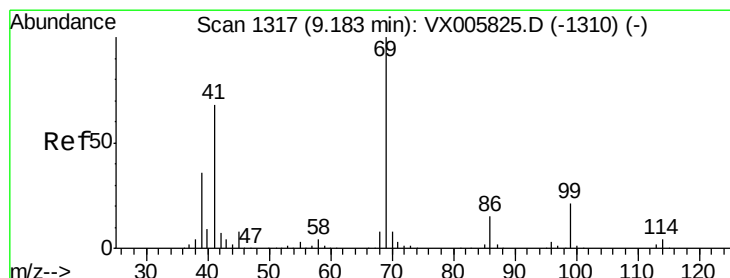
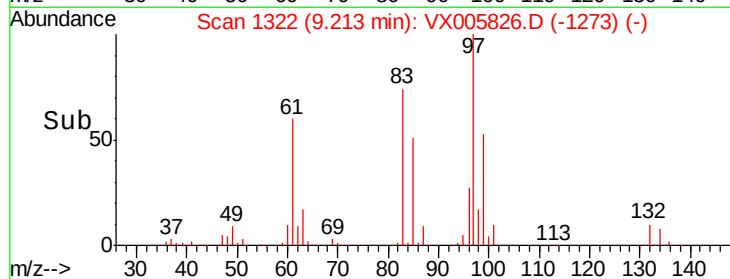
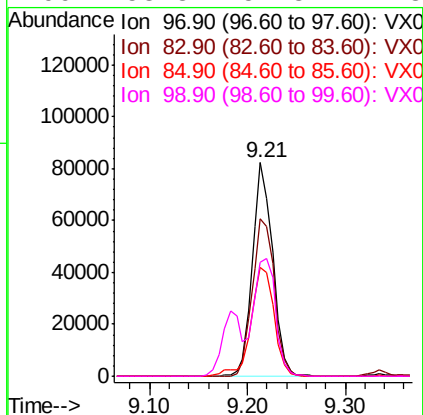
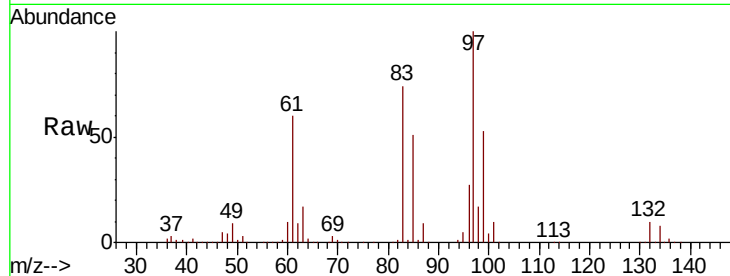
#55
 1,1,2-Trichloroethane
 Concen: 95.450 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
97	100		
83	73.9	70.7	106.1
85	50.7	45.8	68.6
99	53.3	51.8	77.8

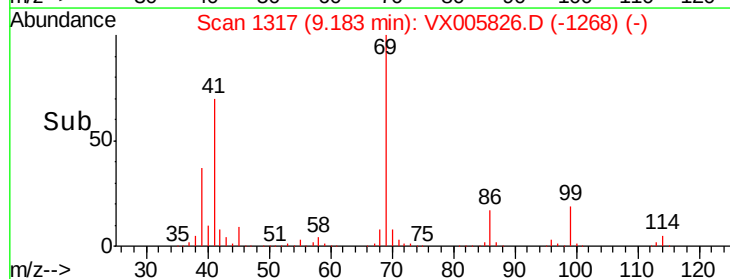
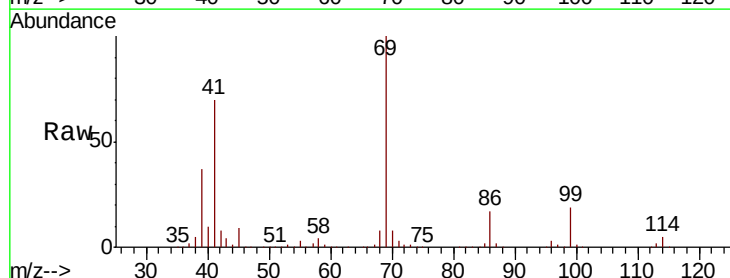
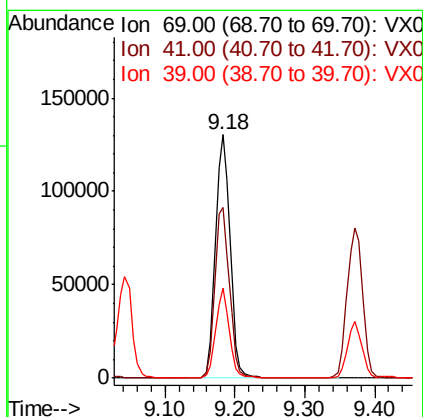
Manual Integrations
 APPROVED

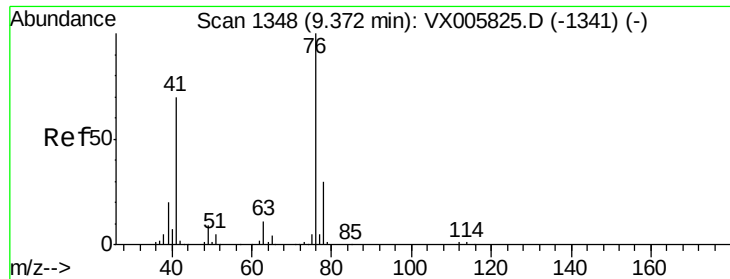
MMDadoda
 11/8/2018 10:35:34 AM



#56
 Ethyl methacrylate
 Concen: 101.135 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.7	57.0	85.6
39	33.9	28.3	42.5





#57

1,3-Dichloropropane

Concen: 96.303 ug/l

RT: 9.38 min Scan# 1349

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 205535

Ion Ratio Lower Upper

76 100

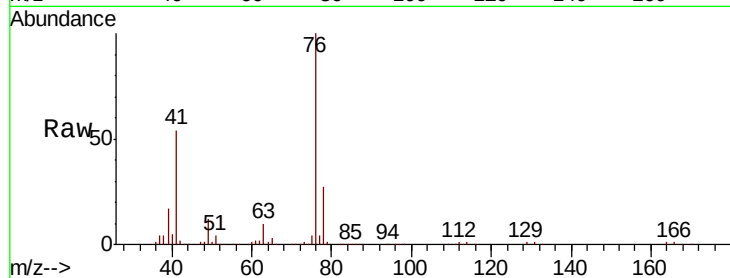
78 31.4 25.3 37.9

Manual Integrations

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MMDadoda

11/8/2018 10:35:34 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

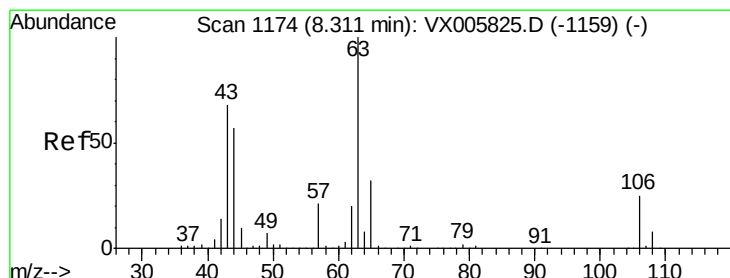
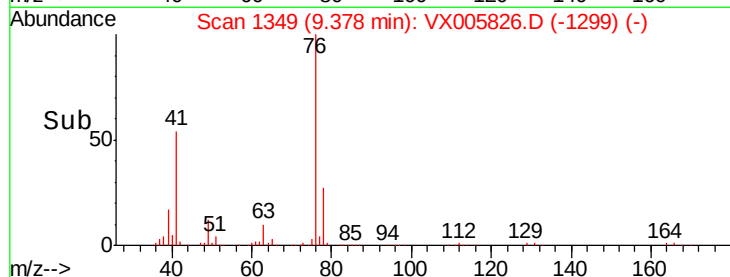
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 446.798 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005826.D

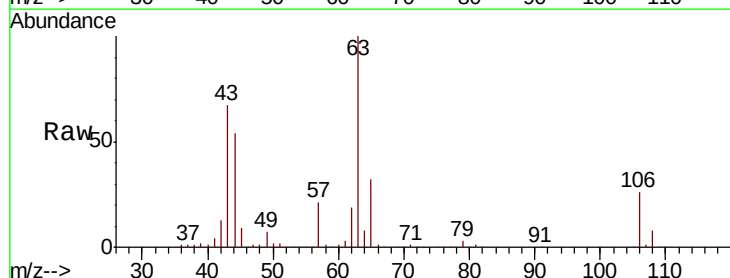
Acq: 07 Nov 2018 13:52

Tgt Ion: 63 Resp: 473967

Ion Ratio Lower Upper

63 100

106 26.4 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

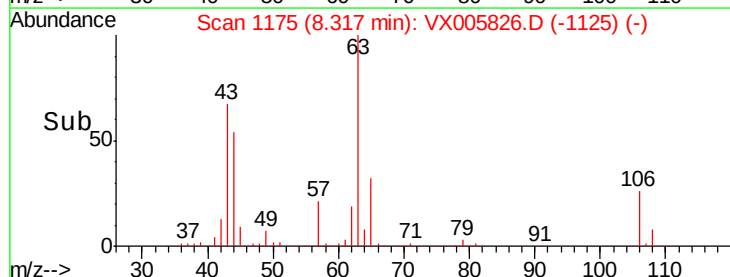
300000

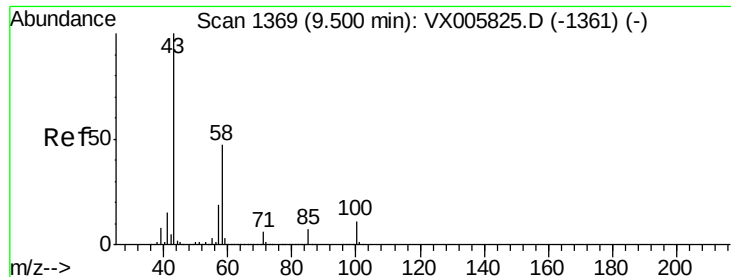
200000

100000

0

Time-->





#59

2-Hexanone

Concen: 493.022 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 900667

Ion Ratio Lower Upper

43 100

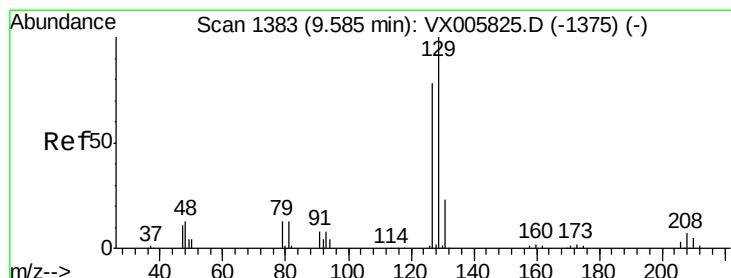
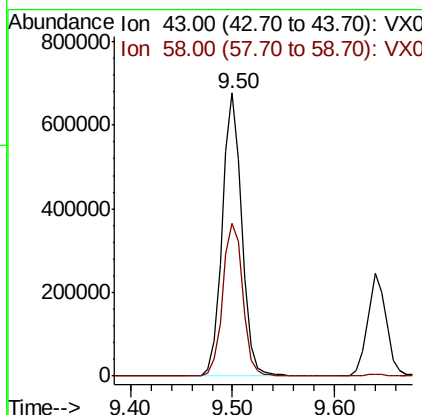
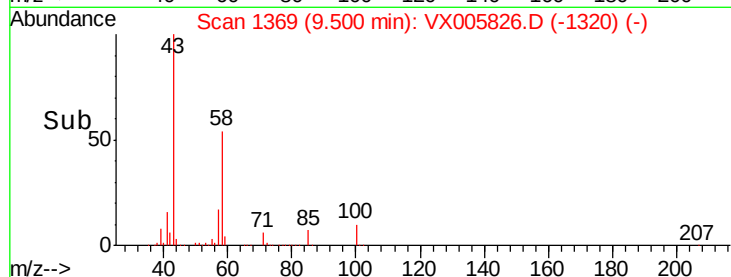
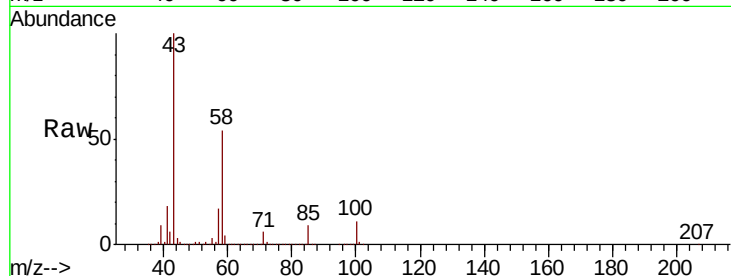
58 55.7 25.9 77.8

Manual Integrations

APPROVED

MMDadoda

11/8/2018 10:35:34 AM



#60

Dibromochloromethane

Concen: 115.439 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX005826.D

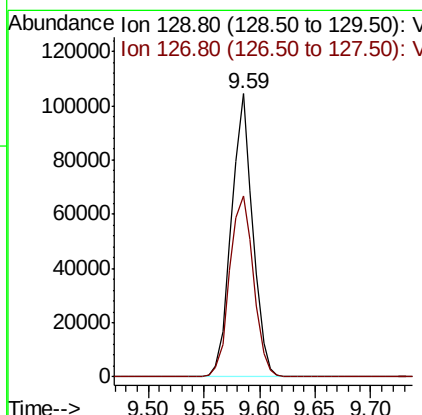
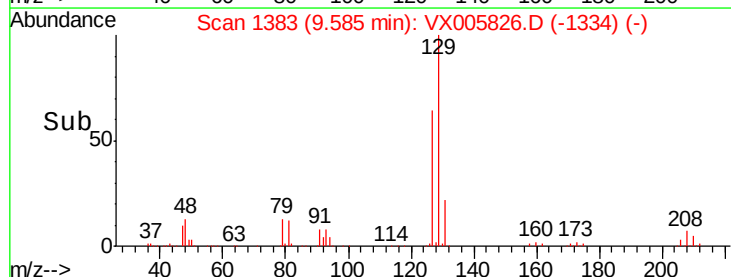
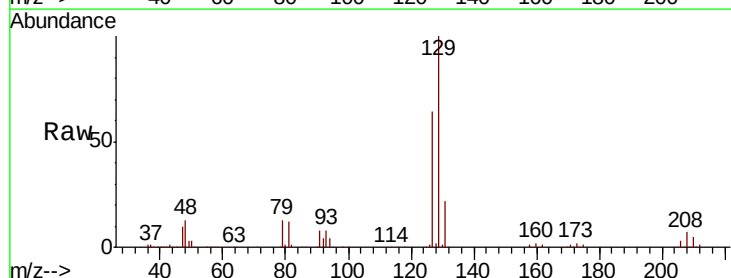
Acq: 07 Nov 2018 13:52

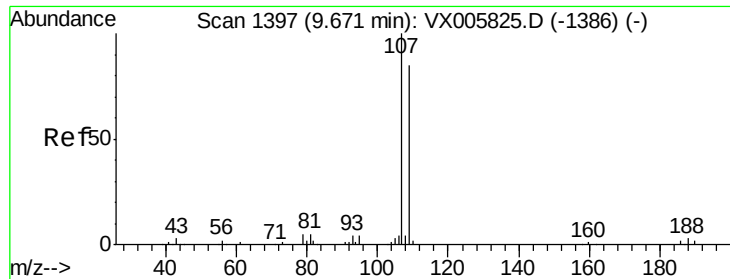
Tgt Ion: 129 Resp: 138595

Ion Ratio Lower Upper

129 100

127 71.4 38.9 116.7





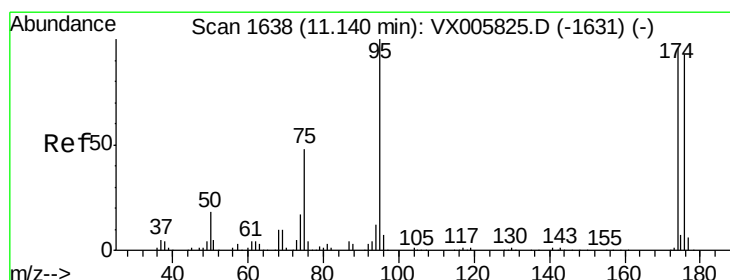
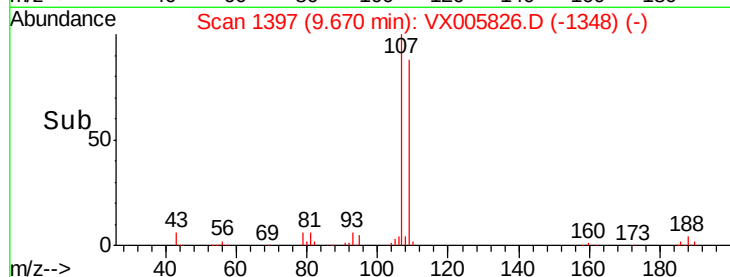
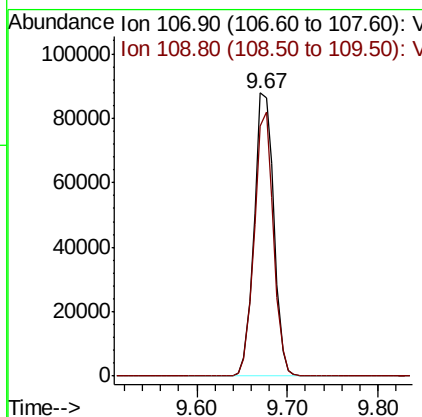
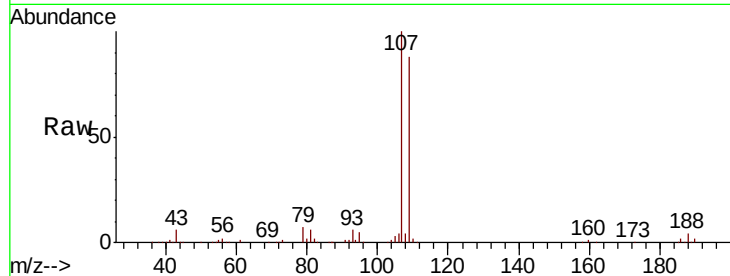
#61
 1,2-Dibromoethane
 Concen: 104.266 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.9	75.7	113.5

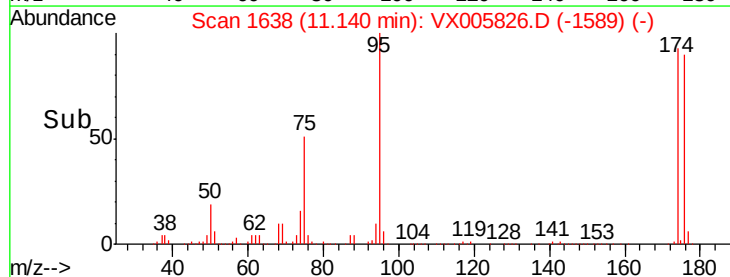
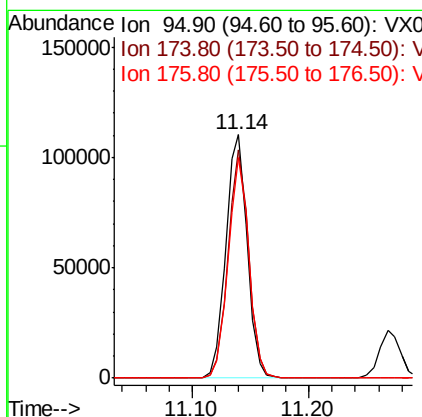
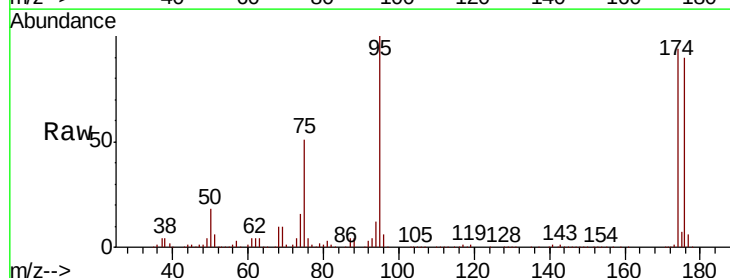
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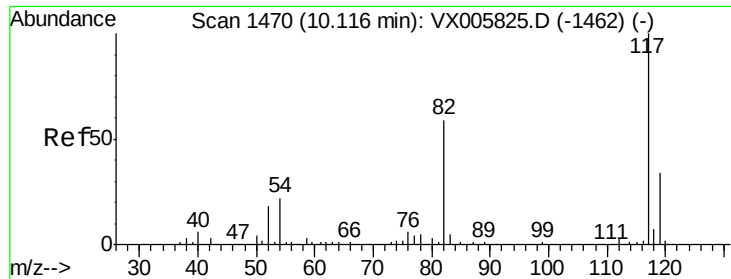
MMDadoda
 11/8/2018 10:35:34 AM



#62
 4-Bromofluorobenzene
 Concen: 93.454 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	184.4
176	88.2	0.0	177.4





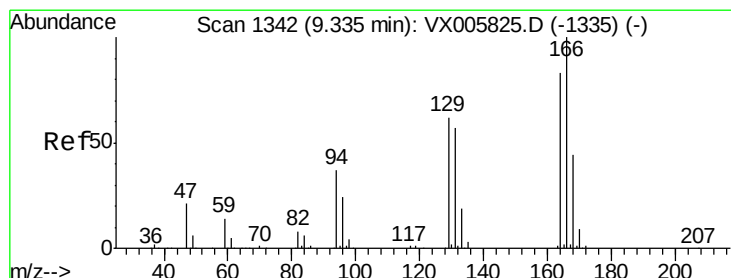
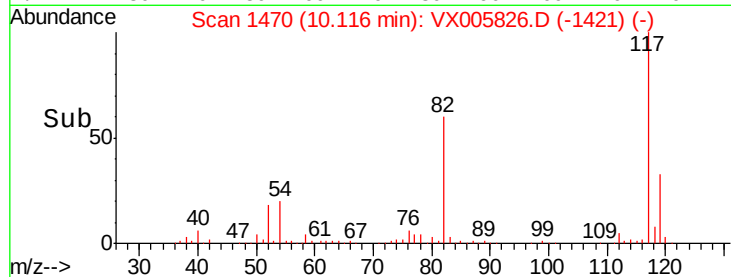
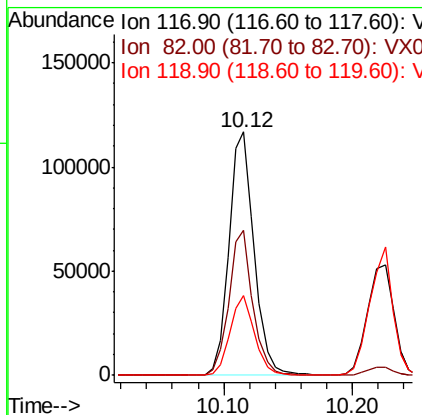
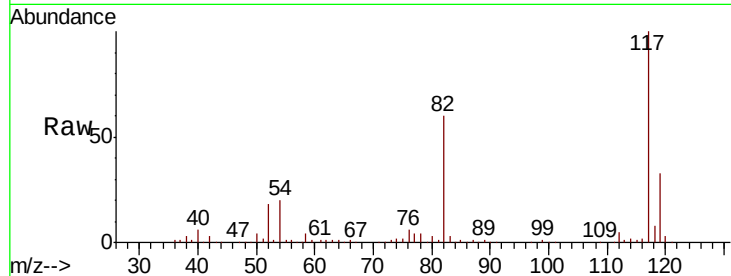
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	44.1	66.1
119	32.7	26.2	39.2

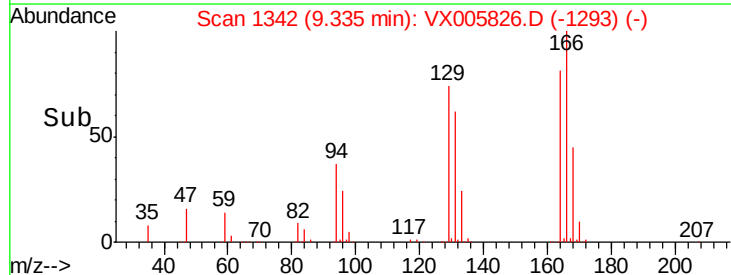
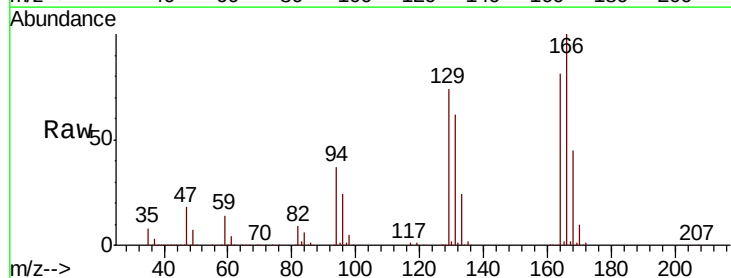
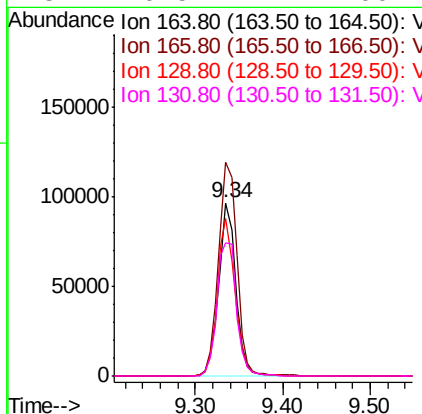
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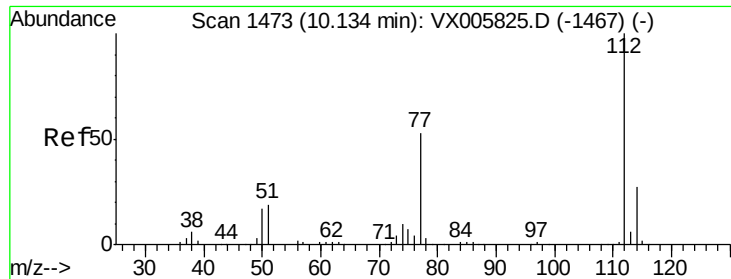
MMDadoda
11/8/2018 10:35:34 AM



#64
Tetrachloroethene
Concen: 111.941 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.2	101.9	152.9
129	90.8	72.6	109.0
131	76.5	71.1	106.7





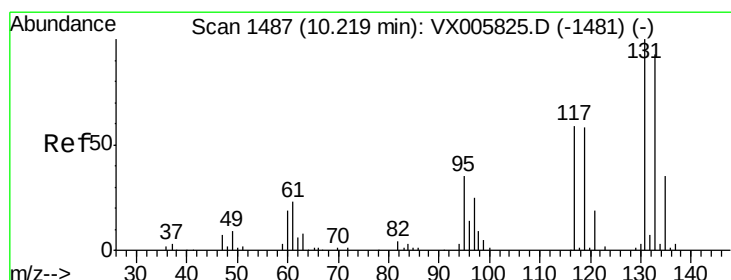
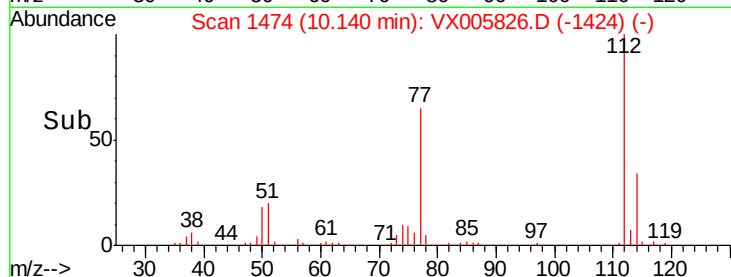
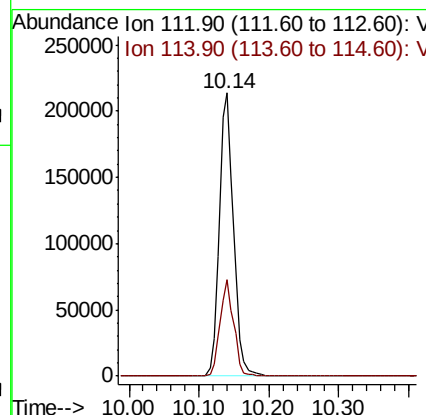
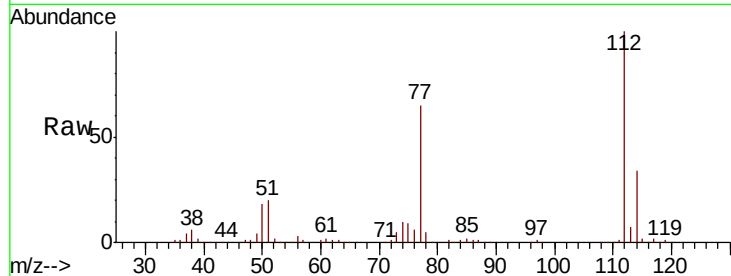
#65
Chlorobenzene
Concen: 88.417 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 299458
Ion Ratio Lower Upper
112 100
114 34.0 25.8 38.6

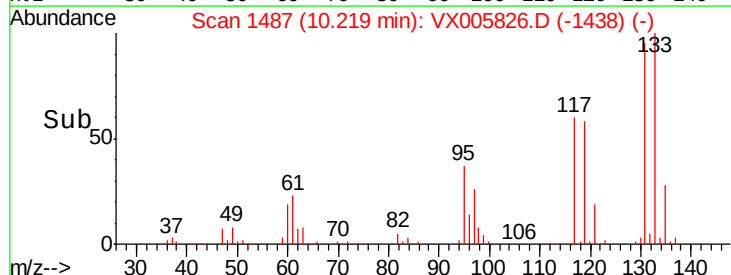
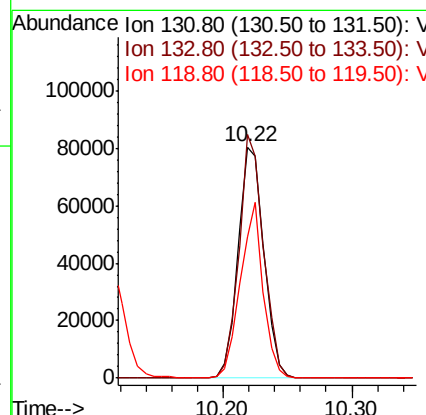
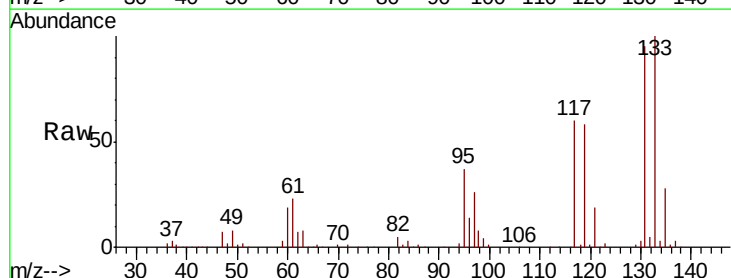
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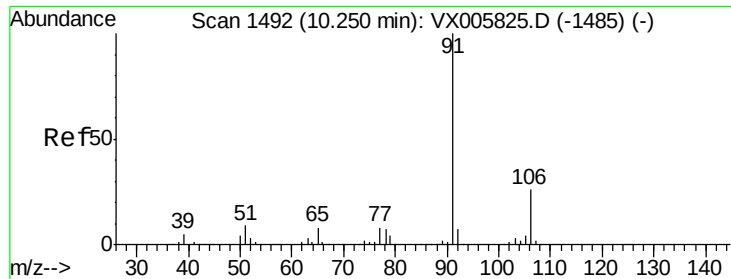
MMDadoda
11/8/2018 10:35:34 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 96.755 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion:131 Resp: 112181
Ion Ratio Lower Upper
131 100
133 100.0 47.5 142.5
119 67.1 31.8 95.3





#67

Ethyl Benzene

Concen: 98.190 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 567560

Ion Ratio Lower Upper

91 100

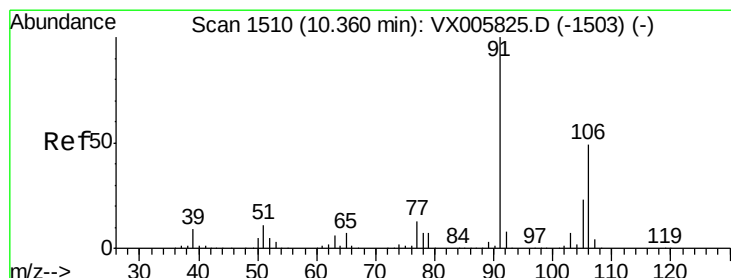
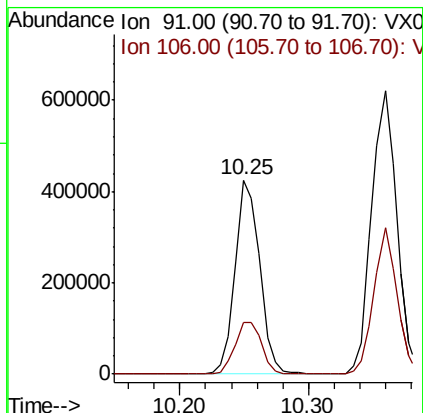
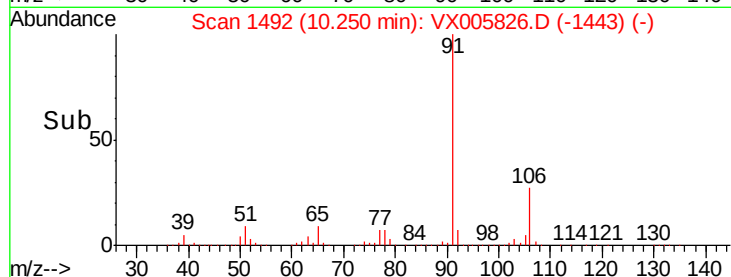
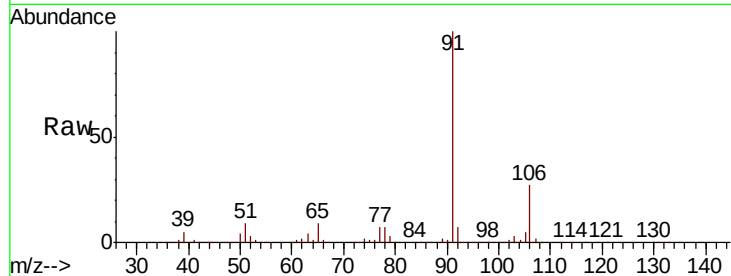
106 26.5 24.4 36.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 185.341 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005826.D

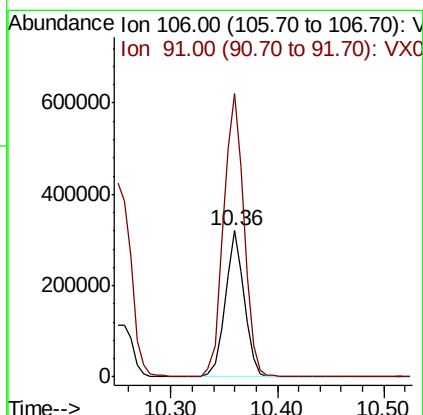
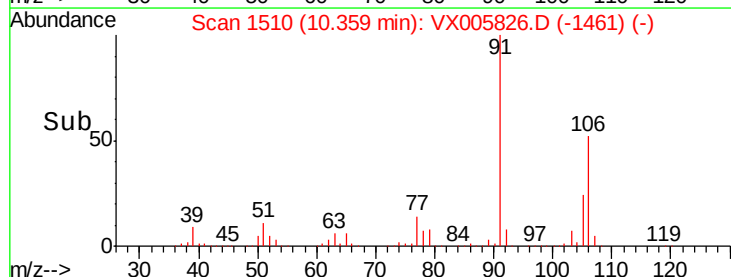
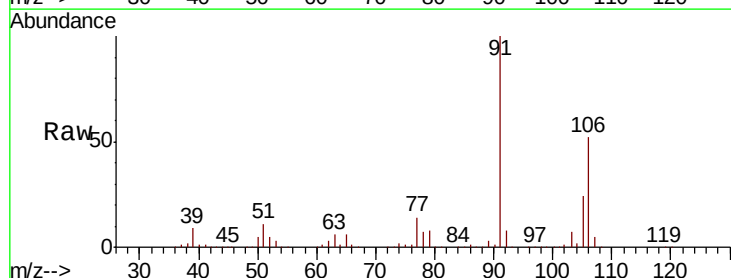
Acq: 07 Nov 2018 13:52

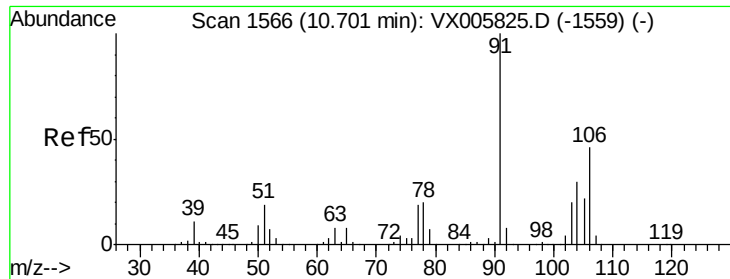
Tgt Ion: 106 Resp: 398086

Ion Ratio Lower Upper

106 100

91 209.3 164.2 246.4





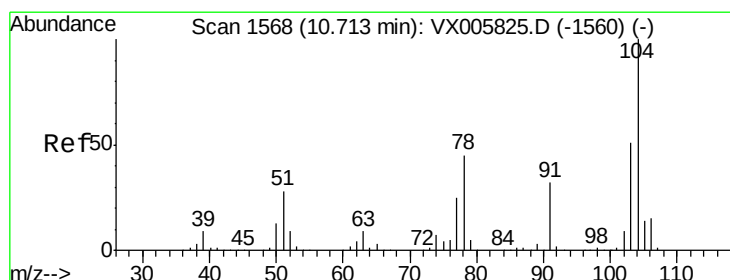
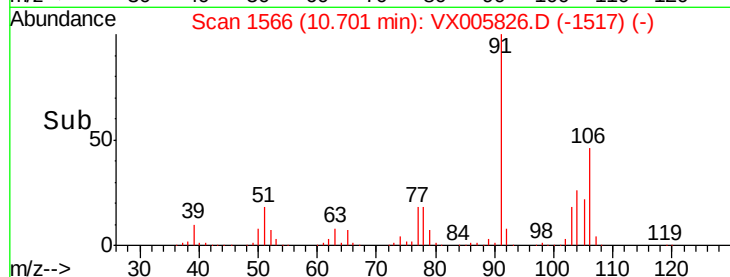
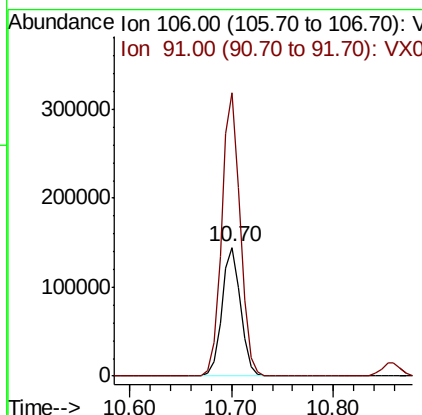
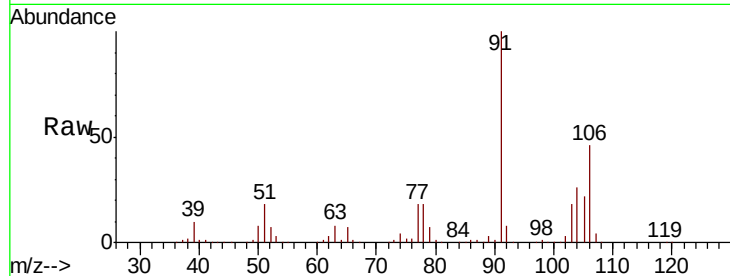
#69
o-Xylene
Concen: 89.352 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.8	108.5	325.5

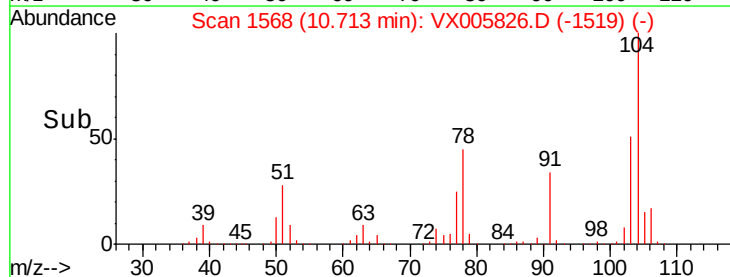
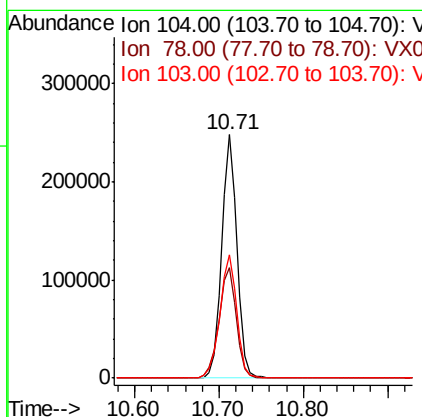
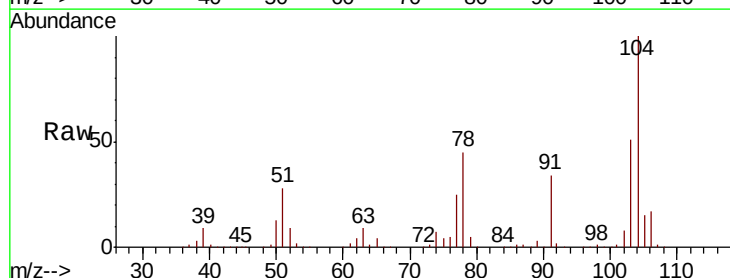
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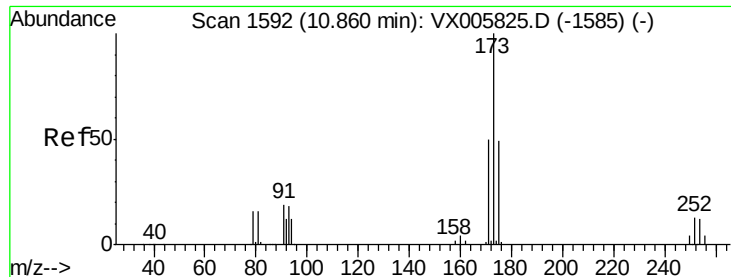
MMDadoda
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#70
Styrene
Concen: 91.428 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.4	40.2	60.4
103	56.2	44.9	67.3





#71

Bromoform

Concen: 107.006 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

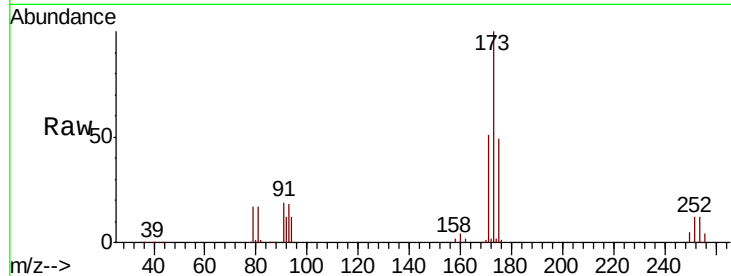
ClientSampled :

VSTDIC100

Tot Ion:	173	Resp:	100523
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.8	74.3
254	0.2	0.2	0.2

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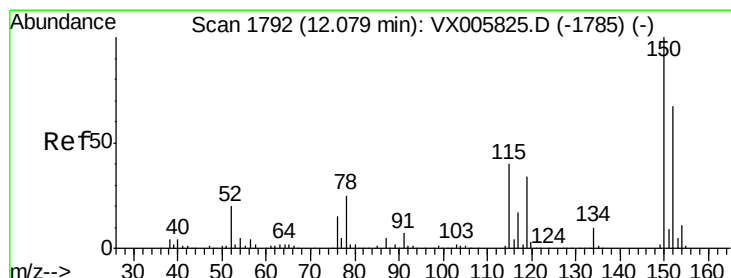
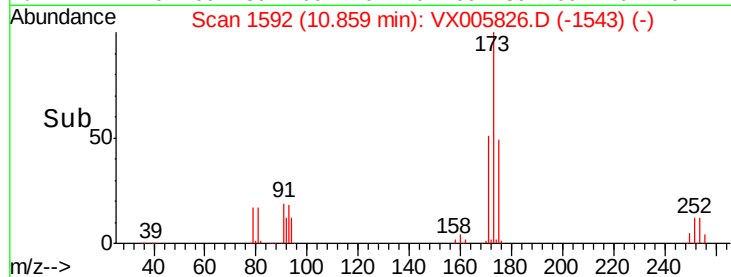
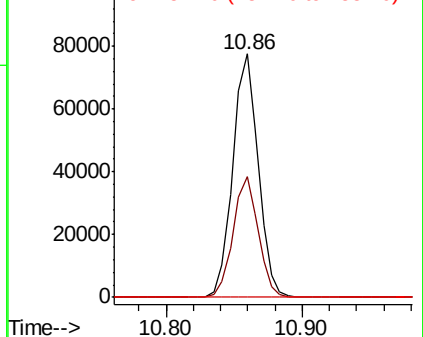


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

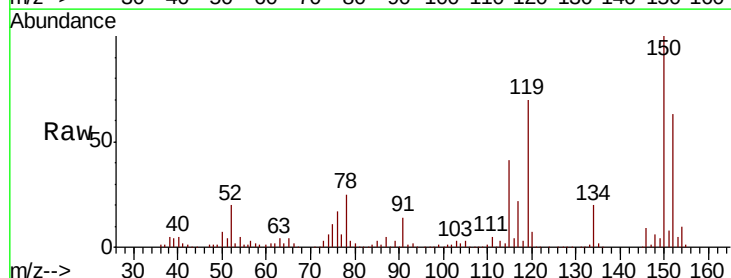
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Tgt Ion:	152	Resp:	83250
Ion Ratio	Lower	Upper	
152	100		
115	100.2	39.4	118.1
150	188.2	0.0	346.4

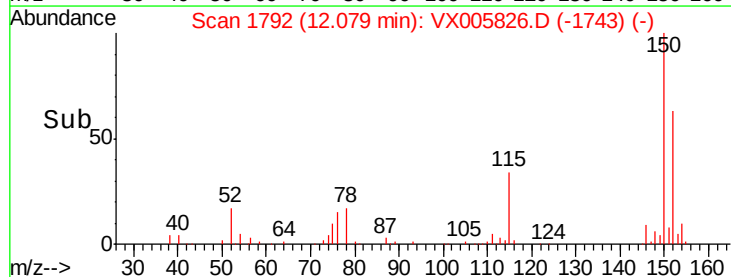
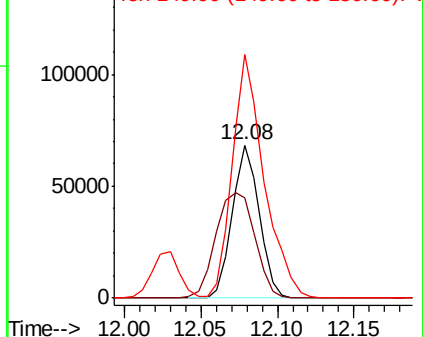


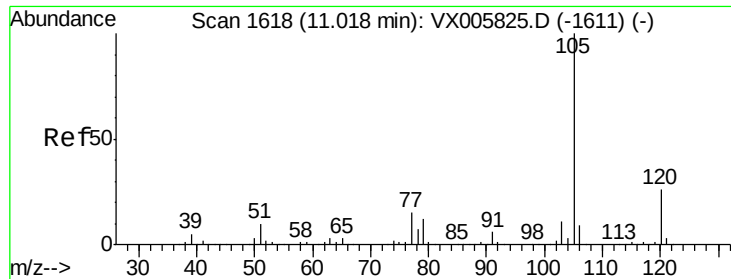
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 91.697 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 503626

Ion Ratio Lower Upper

105 100

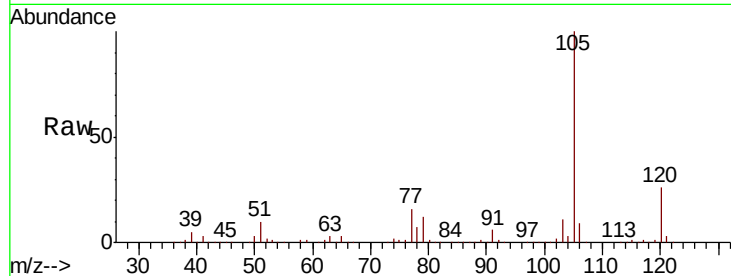
120 26.4 13.1 39.3

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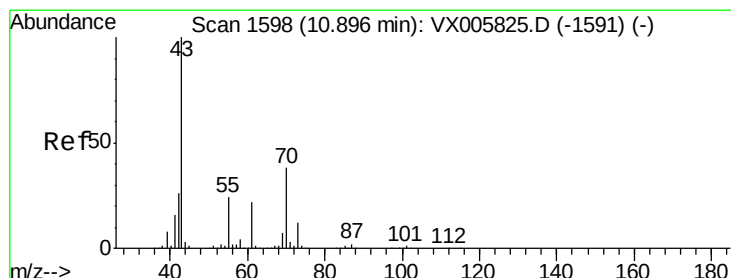
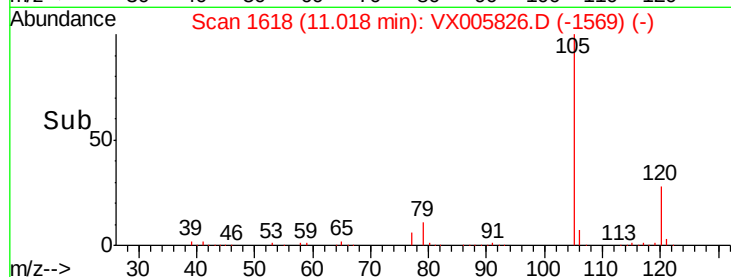
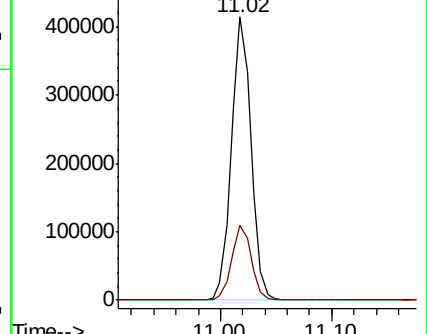
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 90.959 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Tgt Ion: 43 Resp: 265976

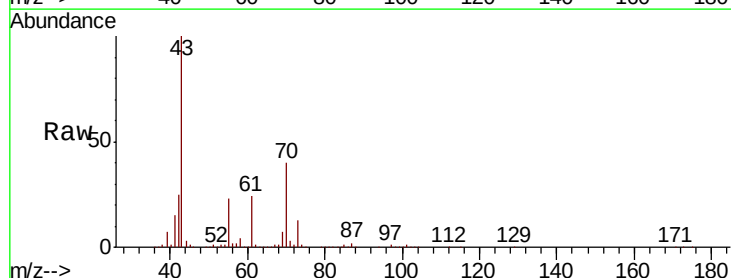
Ion Ratio Lower Upper

43 100

70 39.0 31.6 47.4

55 23.9 19.7 29.5

61 23.1 18.3 27.5

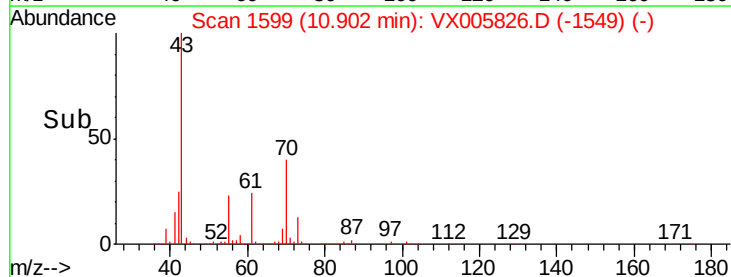
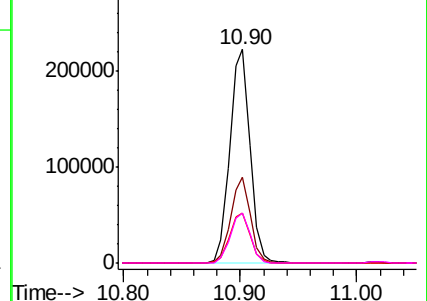


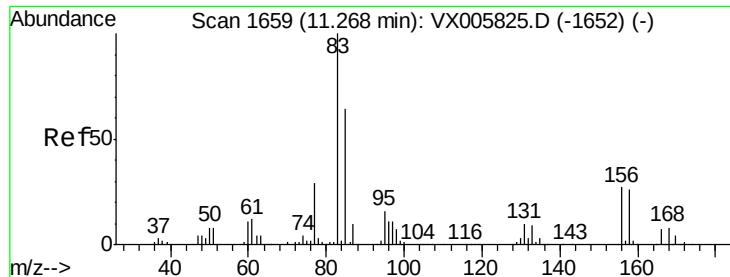
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 77.290 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

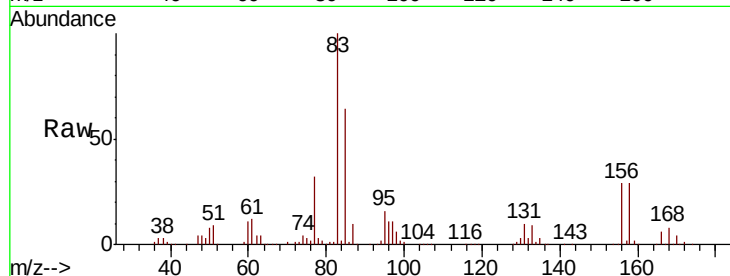
ClientSampleId :

VSTDIC100

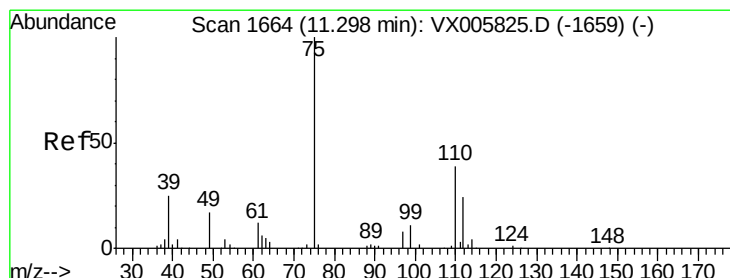
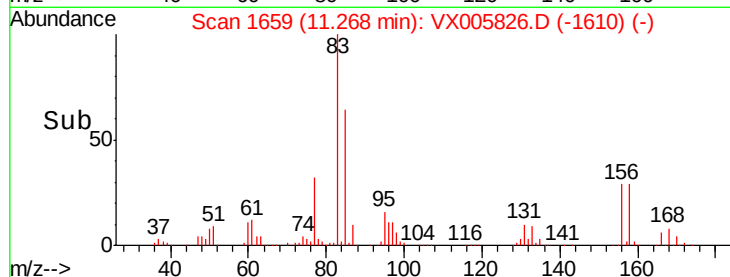
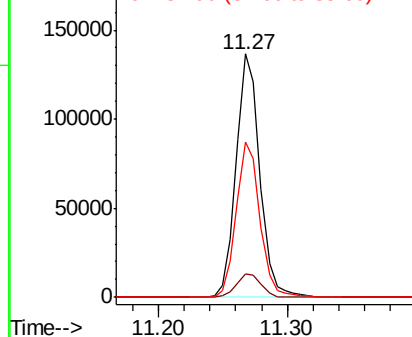
Tot Ion:	83	Resp:	176114
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.3	15.9
85	64.0	32.0	96.2

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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: 81.048 ug/l m

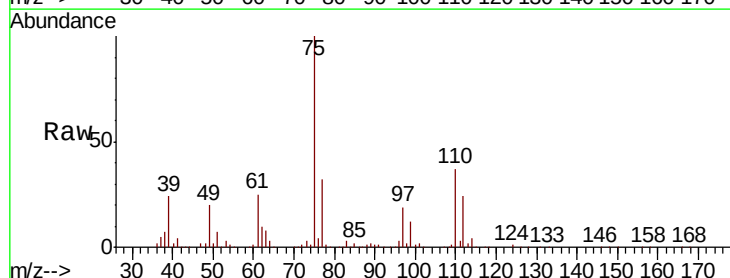
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

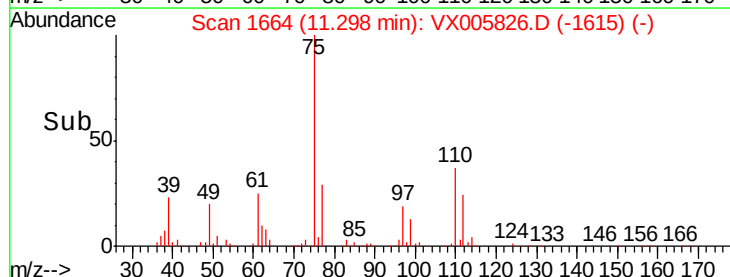
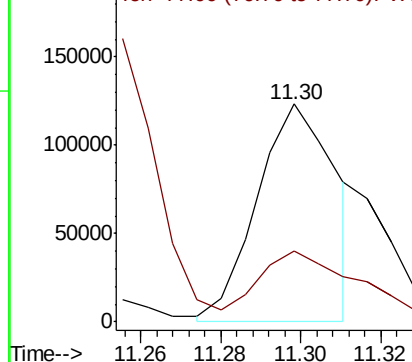
Lab File: VX005826.D

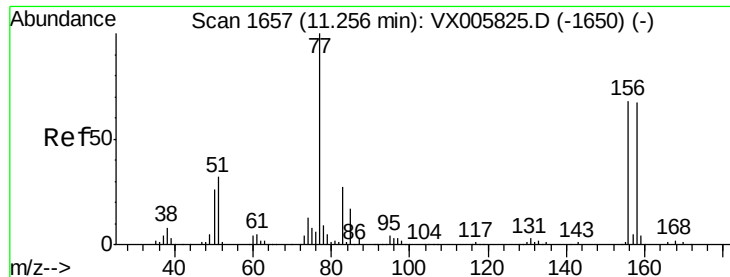
Acq: 07 Nov 2018 13:52

Tgt Ion:	75	Resp:	168049
Ion Ratio	Lower	Upper	
75	100		
77	42.0	20.5	61.6



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





#77

Bromobenzene

Concen: 99.366 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

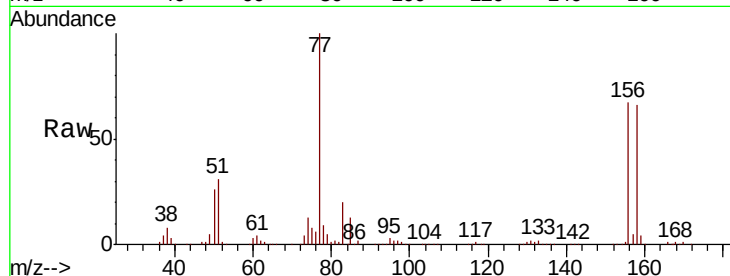
ClientSampled :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.5	74.8	224.4
158	97.5	49.1	147.3

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:34 AM

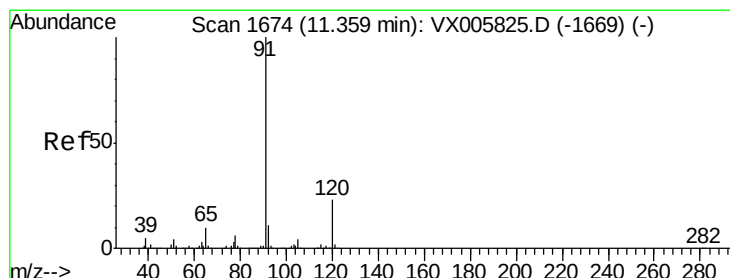
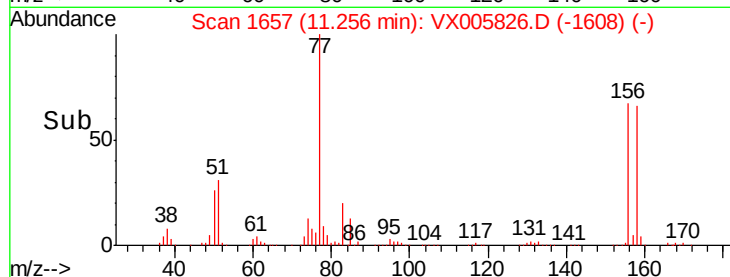
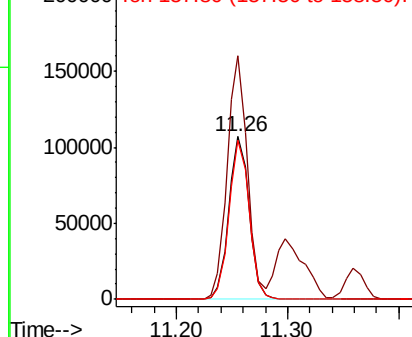


Abundance

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: 89.154 ug/l

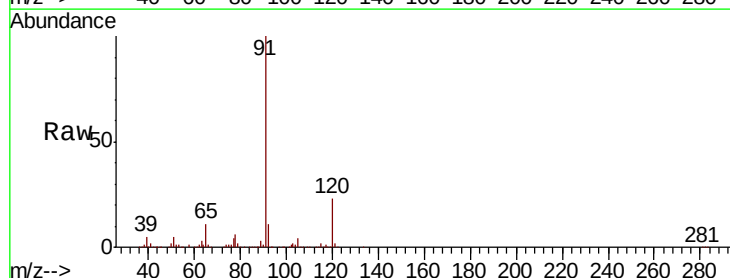
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

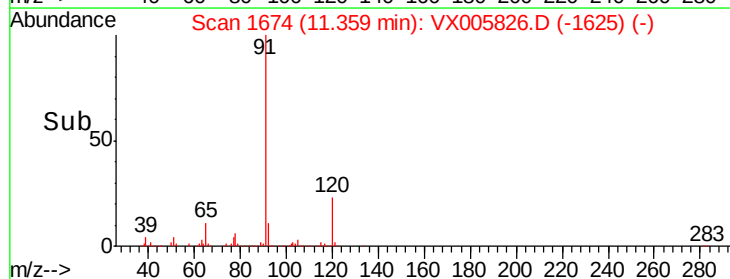
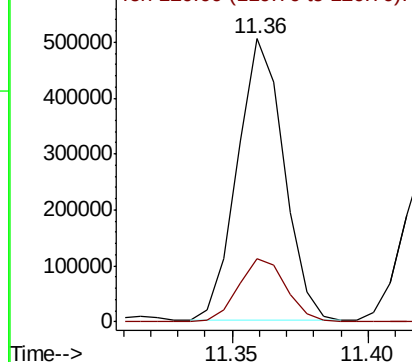
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.9	35.5

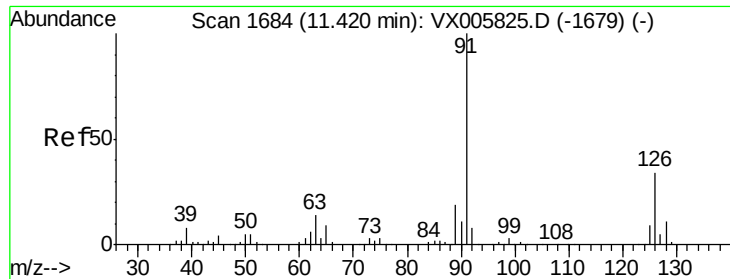


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





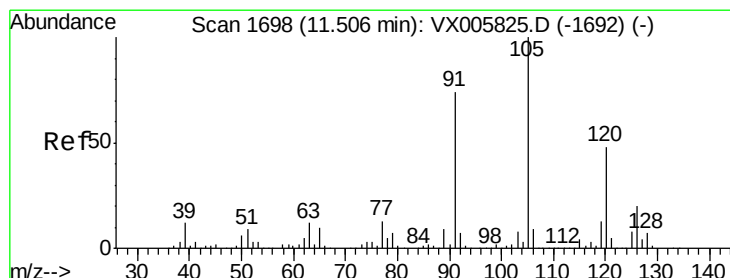
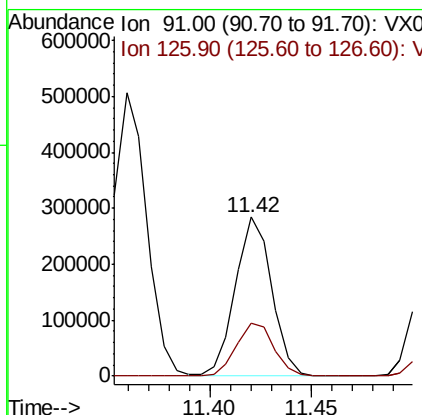
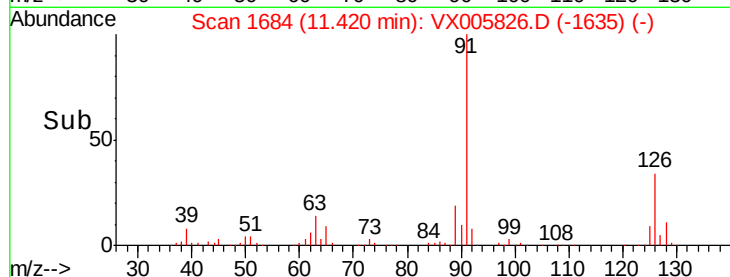
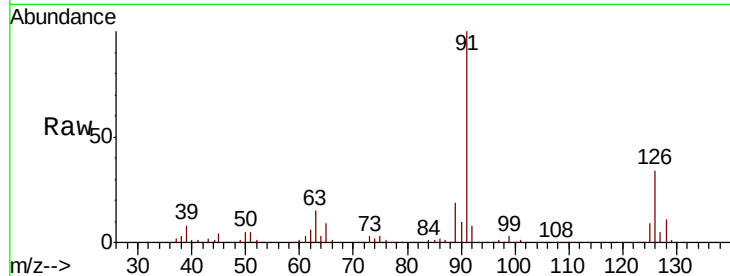
#79
 2-Chlorotoluene
 Concen: 87.575 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tot Ion: 91 Resp: 349473
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0

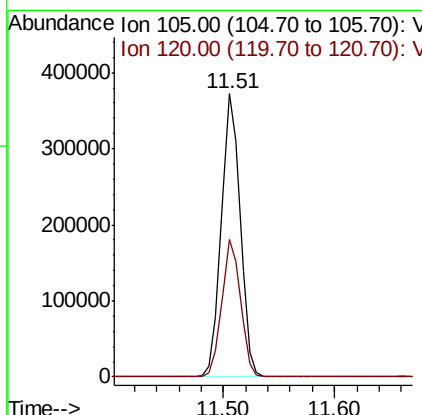
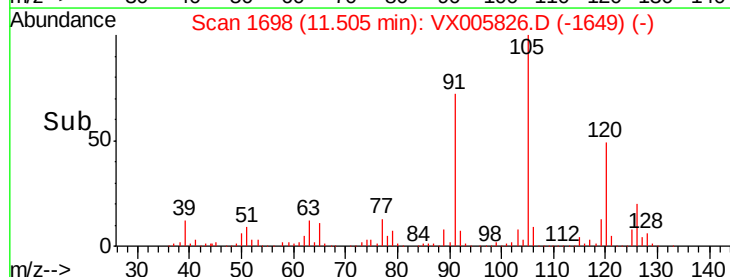
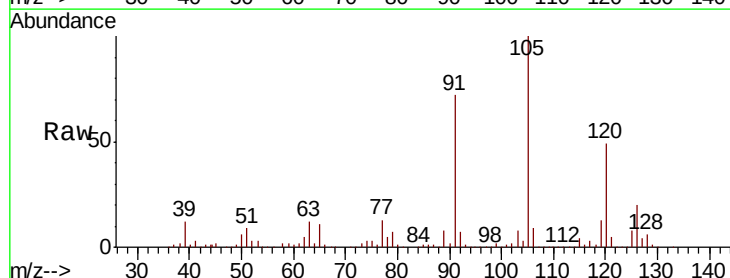
Manual Integrations
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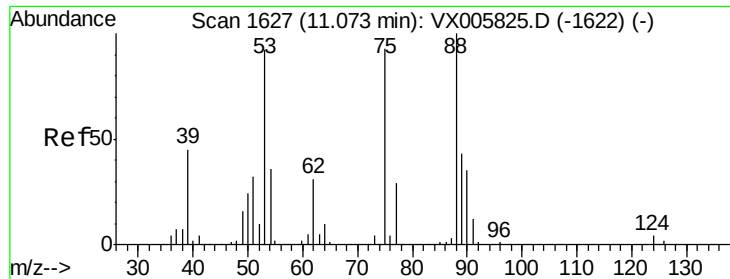
MMDadoda
 11/8/2018 10:35:34 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 94.086 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion: 105 Resp: 438766
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 90.068 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

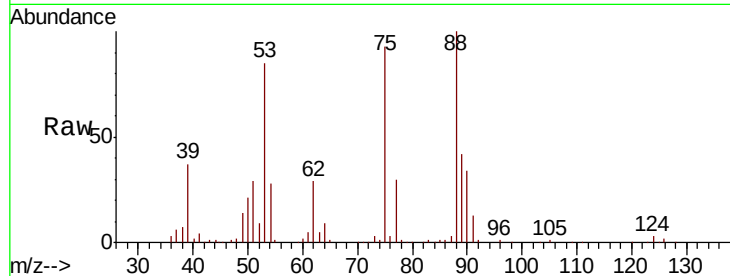
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	57801
Ion	Ratio	Lower	Upper
75	100		
53	97.1	80.2	120.2
89	46.1	39.8	59.8

Manual Integrations
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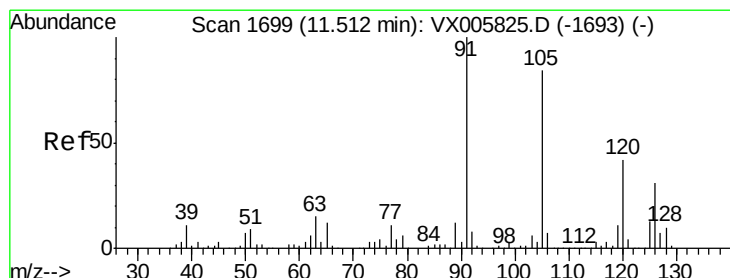
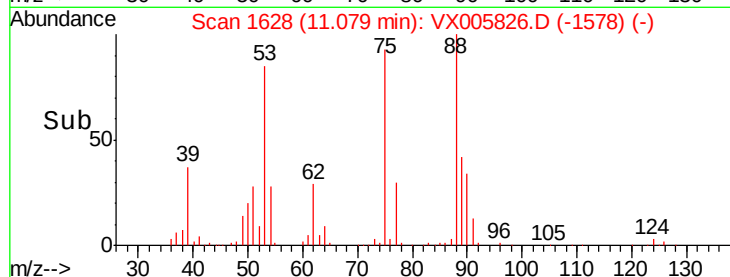
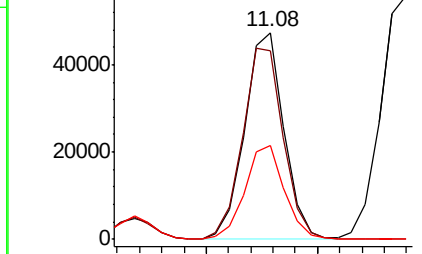
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Abundance Ion 74.90 (74.60 to 75.60): VX005825.D (-1622) (-)

Ion 53.00 (52.70 to 53.70): VX005825.D (-1622) (-)

Ion 88.90 (88.60 to 89.60): VX005825.D (-1622) (-)



#82

4-Chlorotoluene

Concen: 88.841 ug/l

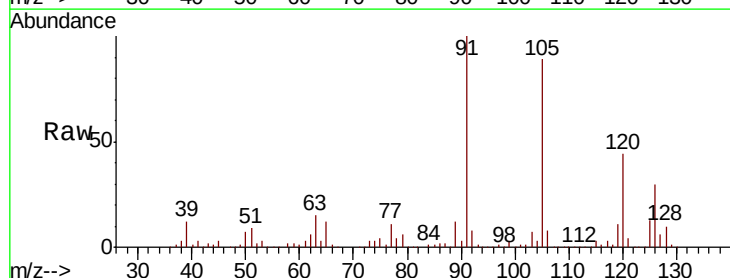
RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005826.D

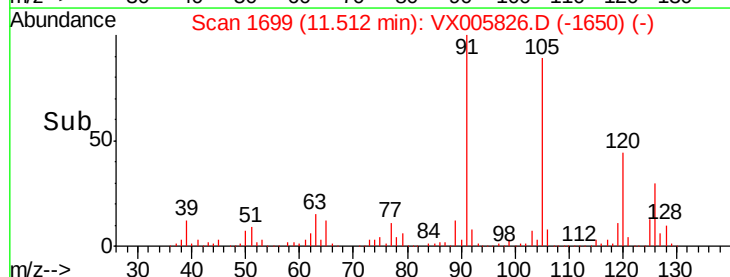
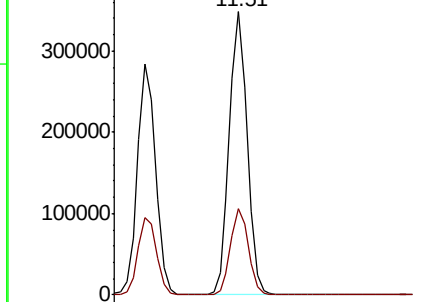
Acq: 07 Nov 2018 13:52

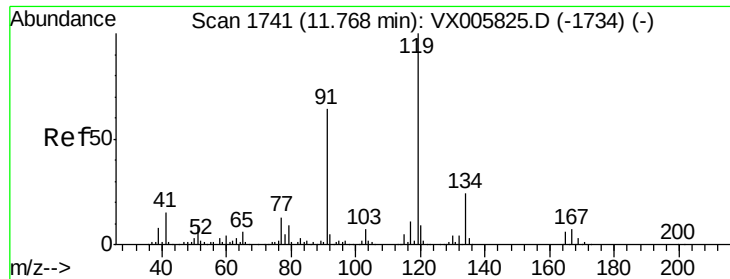
Tgt Ion:	91	Resp:	423255
Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.2	45.6



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1693) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1693) (-)





#83

tert-Butylbenzene

Concen: 98.079 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

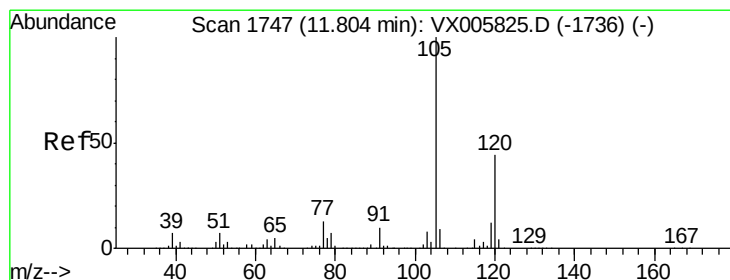
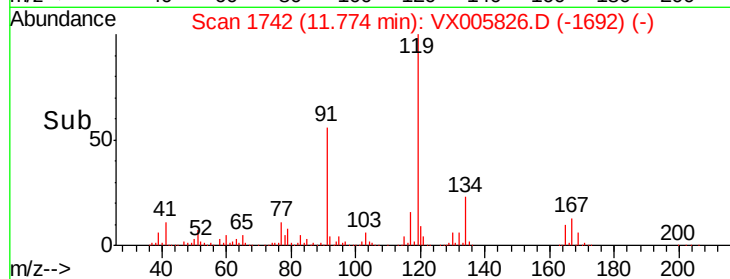
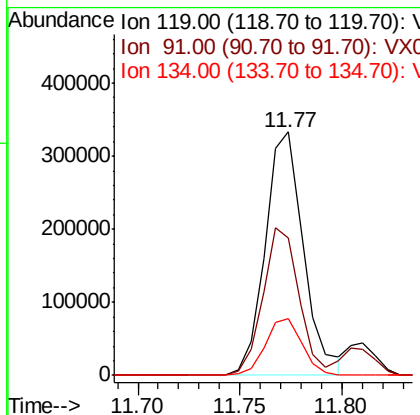
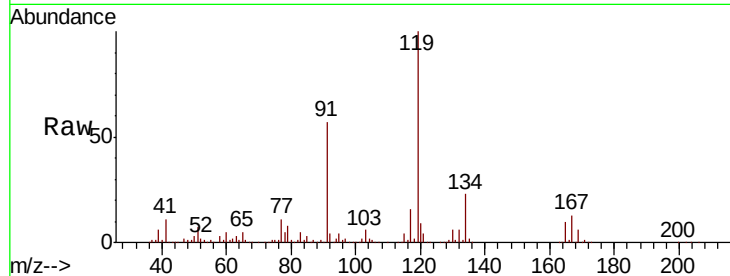
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		436415		
91	57.2	28.5	85.5		
134	22.4	11.3	33.8		

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#84

1,2,4-Trimethylbenzene

Concen: 95.447 ug/l

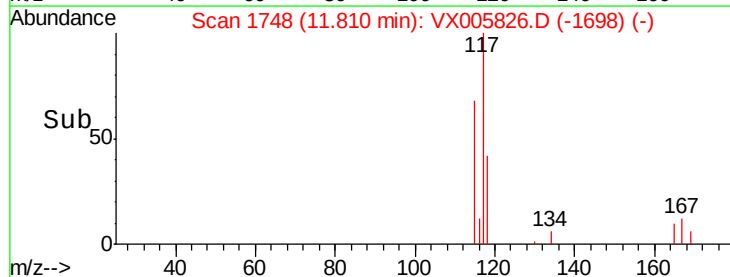
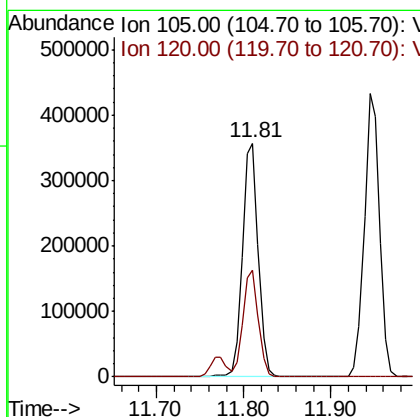
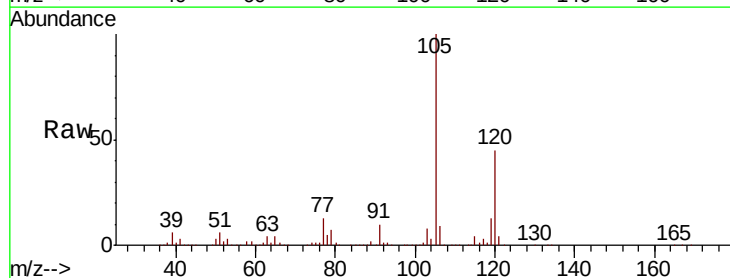
RT: 11.81 min Scan# 1748

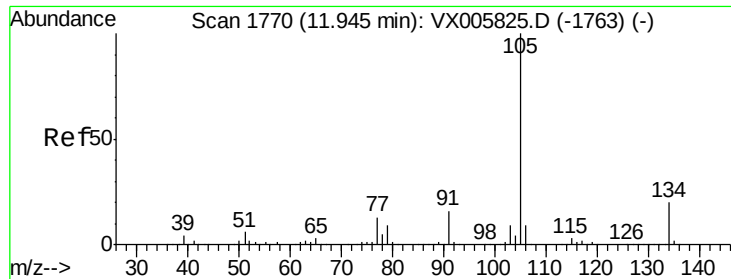
Delta R.T. 0.01 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		449471		
120	44.6	22.4	67.0		





#85

sec-Butylbenzene

Concen: 92.317 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 526925

Ion Ratio Lower Upper

105 100

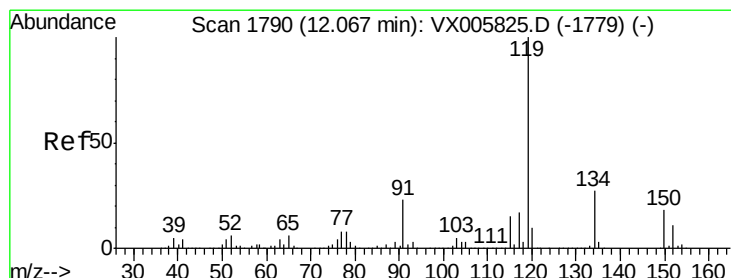
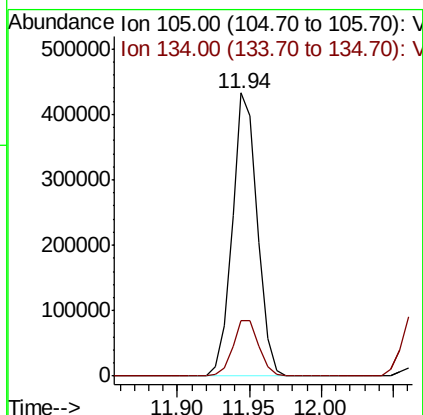
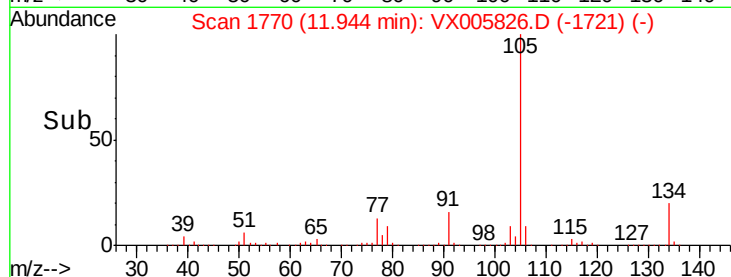
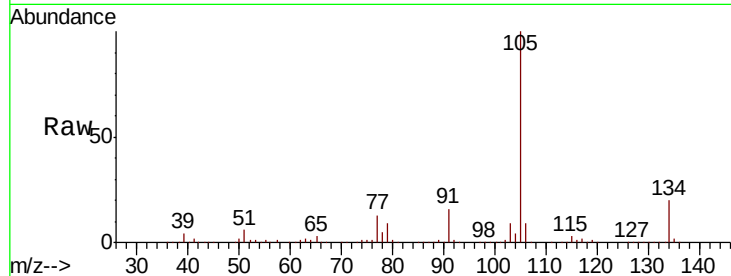
134 20.4 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 98.788 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005826.D

Acq: 07 Nov 2018 13:52

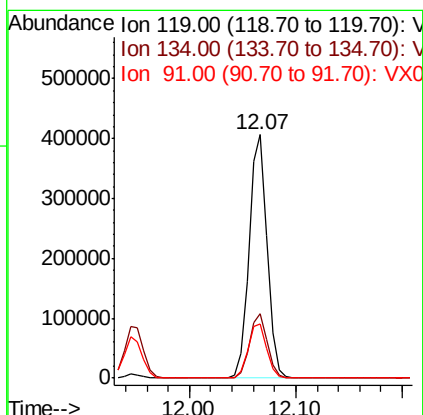
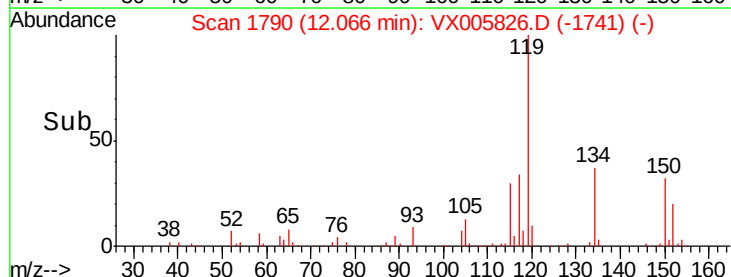
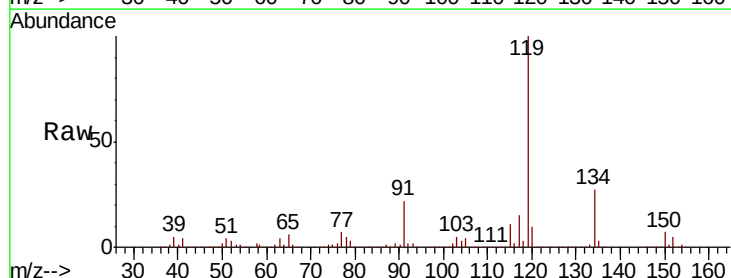
Tgt Ion:119 Resp: 479558

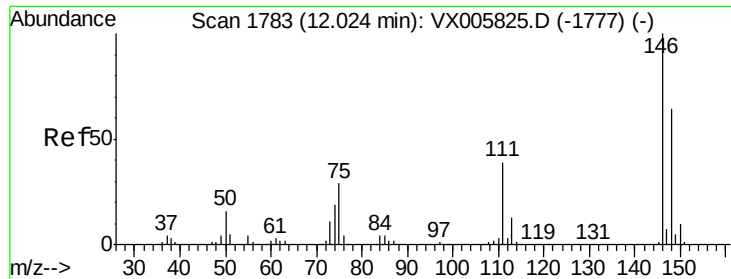
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 23.1 11.4 34.2





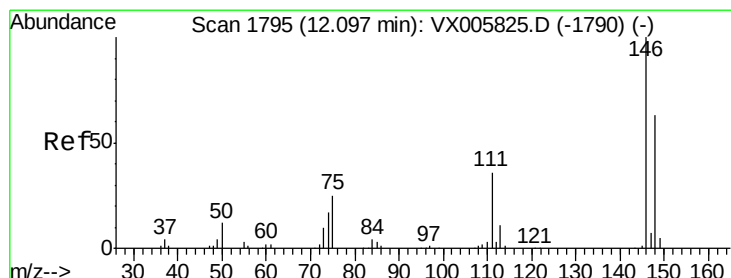
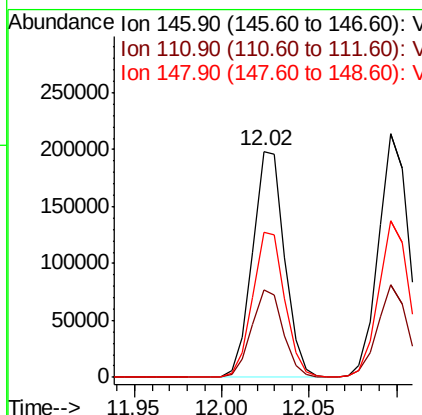
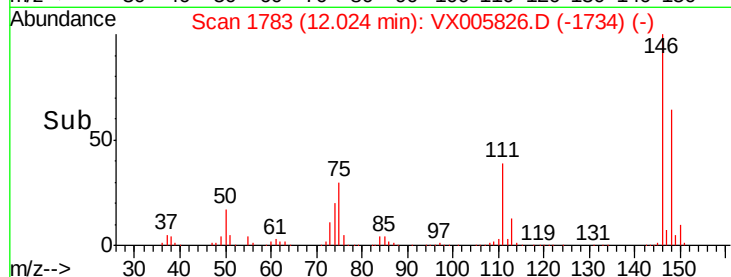
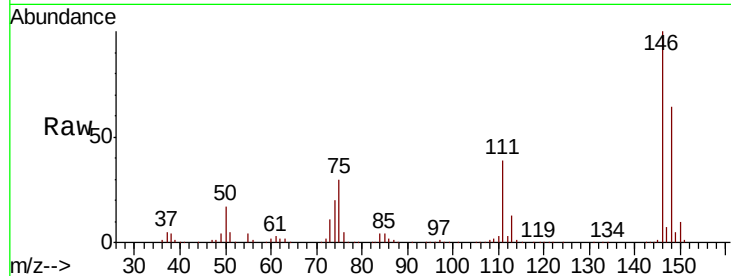
#87
 1,3-Dichlorobenzene
 Concen: 96.250 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	64.3	31.9	95.9

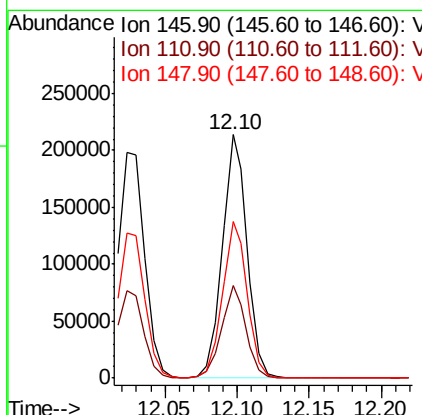
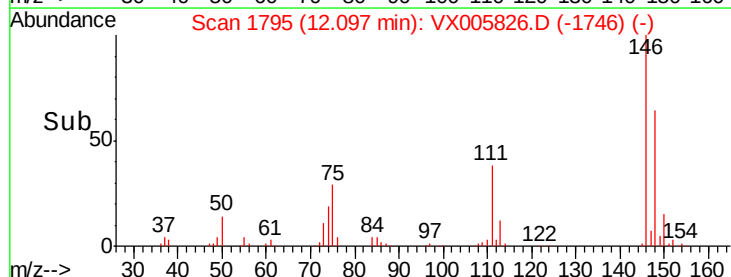
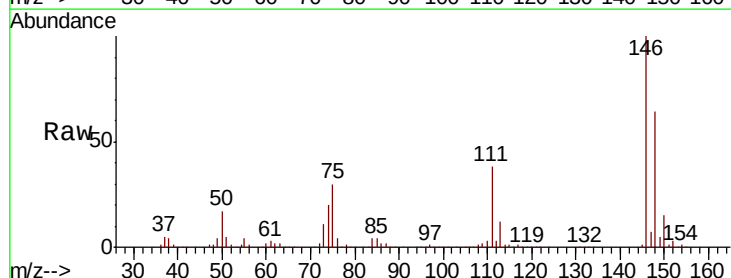
Manual Integrations
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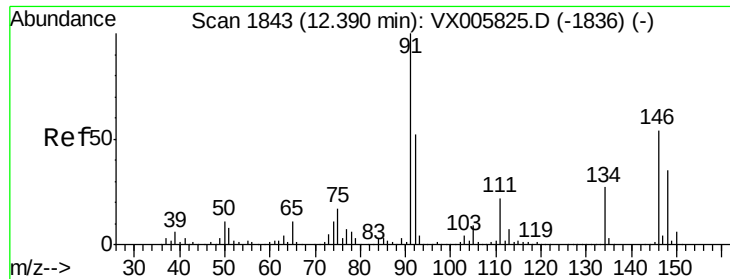
MMDadoda
 11/8/2018 10:35:34 AM



#88
 1,4-Dichlorobenzene
 Concen: 90.998 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	64.5	32.1	96.3





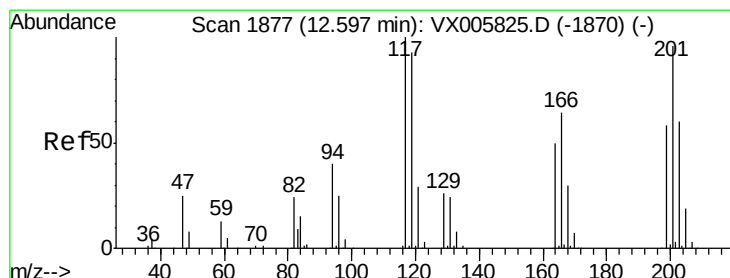
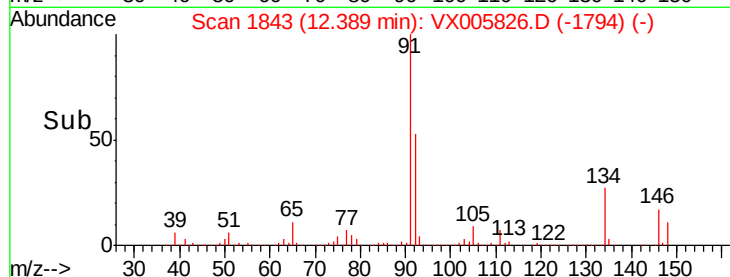
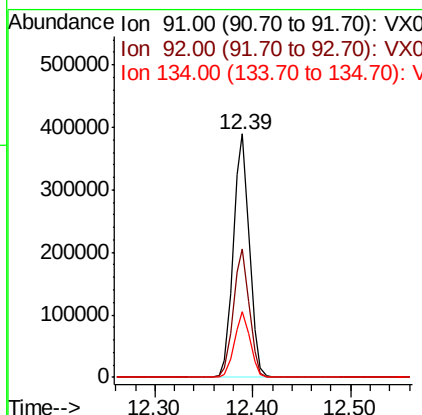
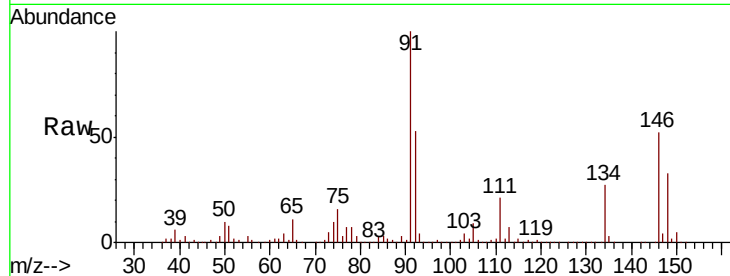
#89
n-Butylbenzene
Concen: 90.344 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.1	78.2
134	26.2	13.1	39.3

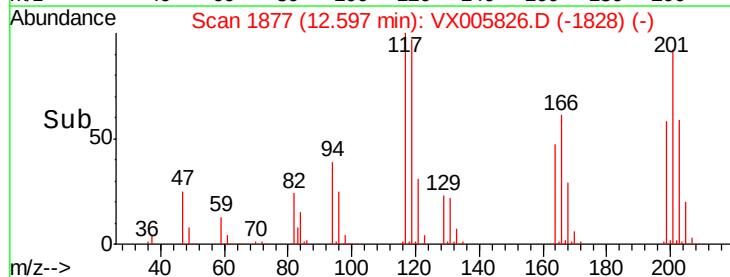
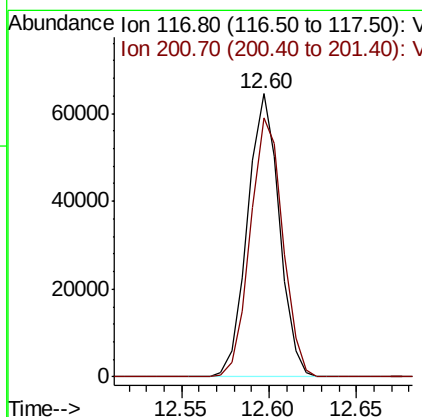
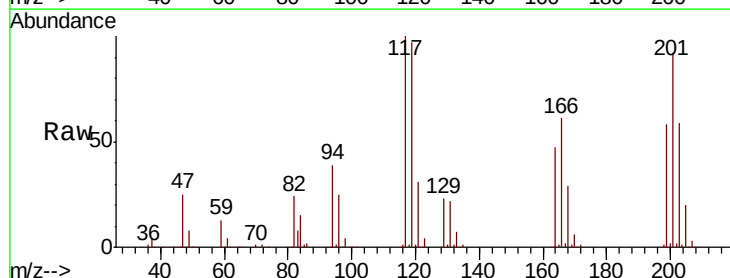
Manual Integrations
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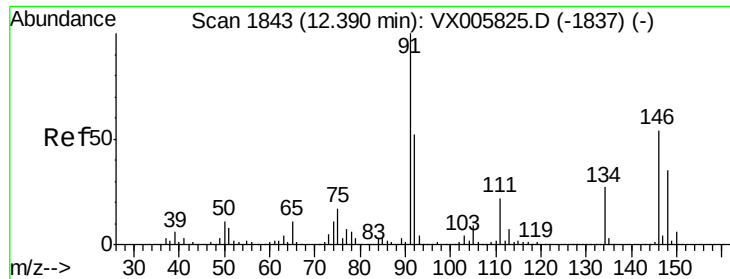
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#90
Hexachloroethane
Concen: 94.418 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.8	47.9	143.6





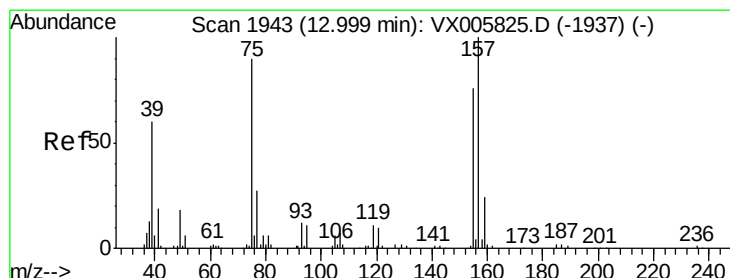
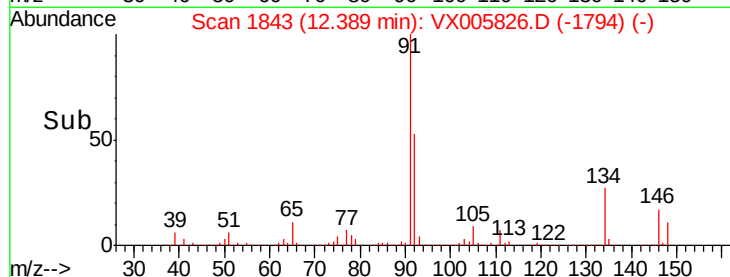
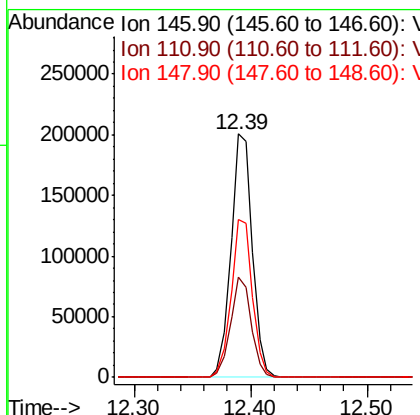
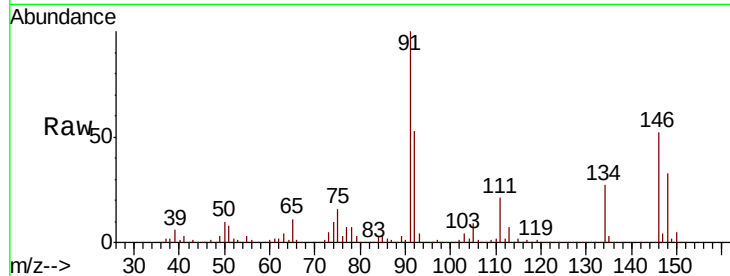
#91
 1,2-Dichlorobenzene
 Concen: 92.679 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.5	32.2	96.6

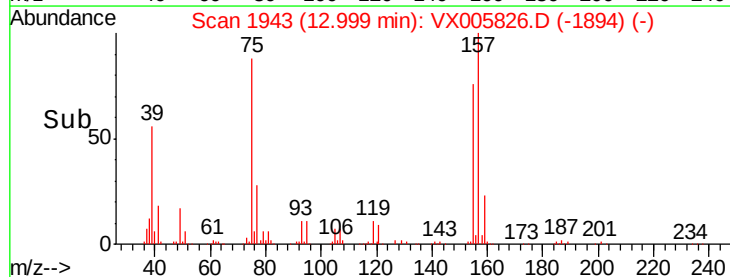
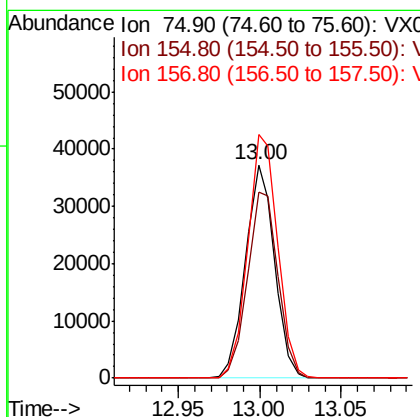
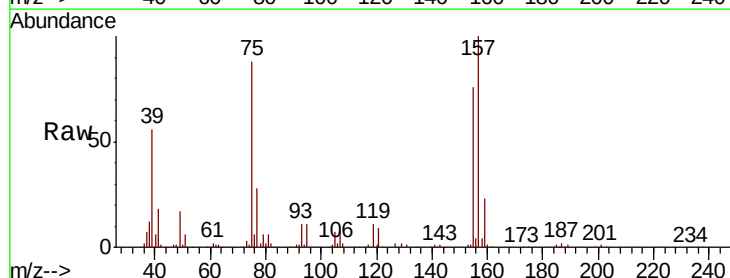
Manual Integrations
 APPROVED

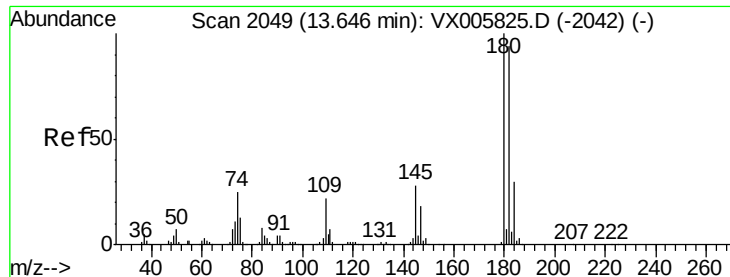
MMDadoda
 11/8/2018 10:35:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 86.901 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005826.D
 Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.1	45.4	136.1
157	117.4	57.4	172.0





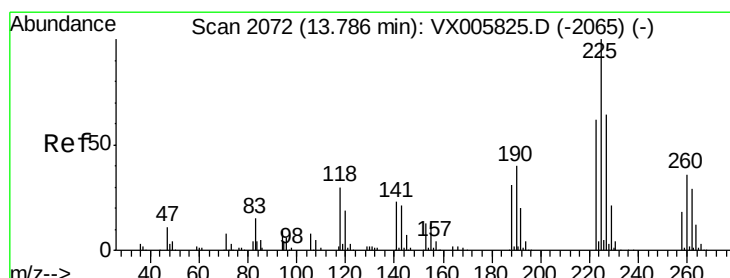
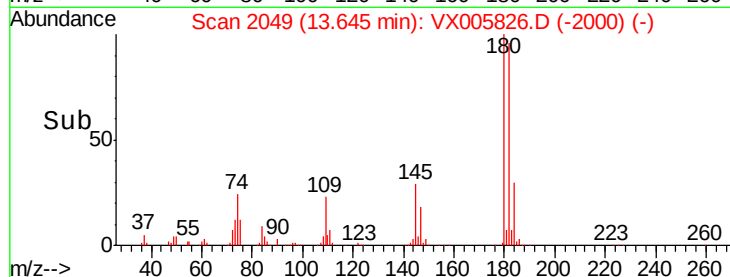
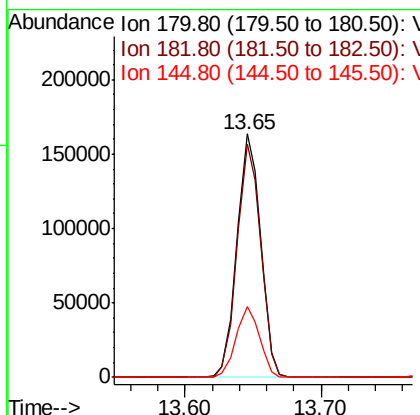
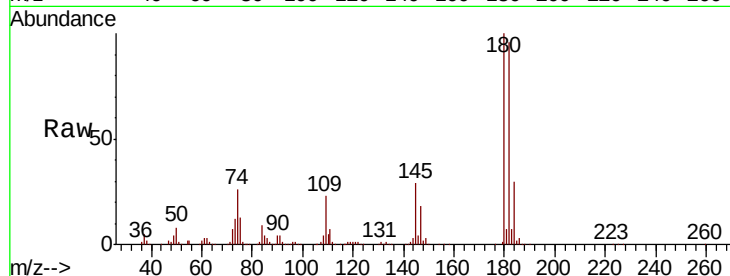
#93
1,2,4-Trichlorobenzene
Concen: 112.256 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	198152		
182	95.4	47.6	142.8	
145	28.7	14.1	42.2	

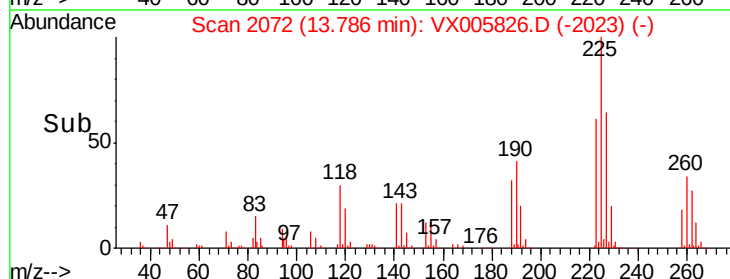
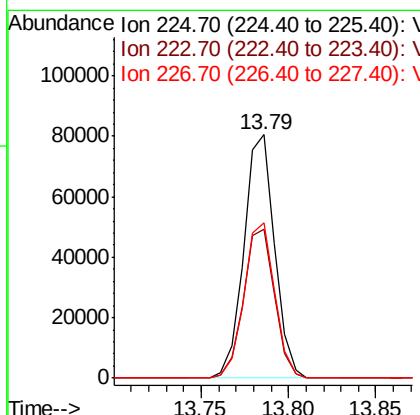
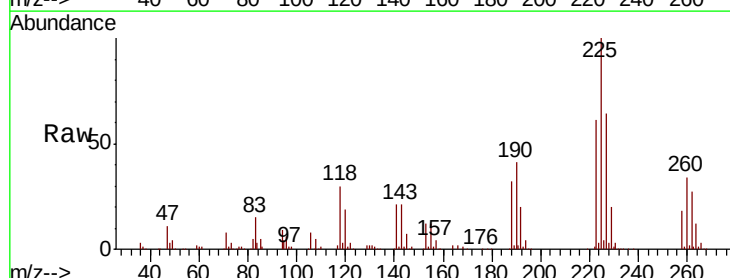
Manual Integrations
APPROVED

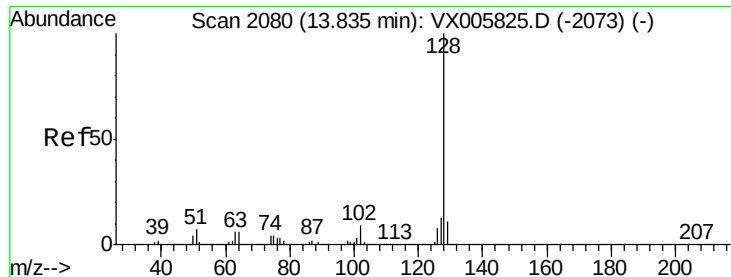
MMDadoda
11/8/2018 10:35:34 AM



#94
Hexachlorobutadiene
Concen: 114.454 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97738		
223	61.9	31.7	95.1	
227	63.8	32.3	96.9	





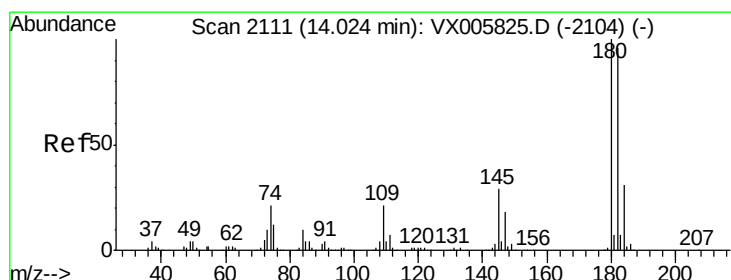
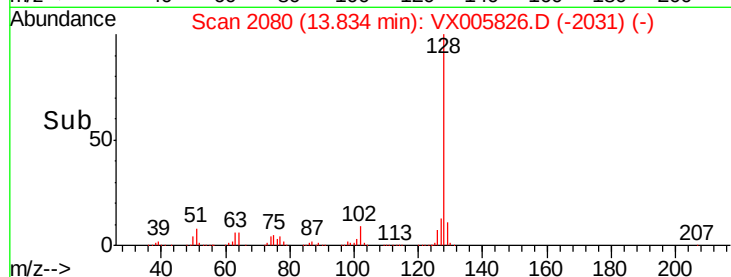
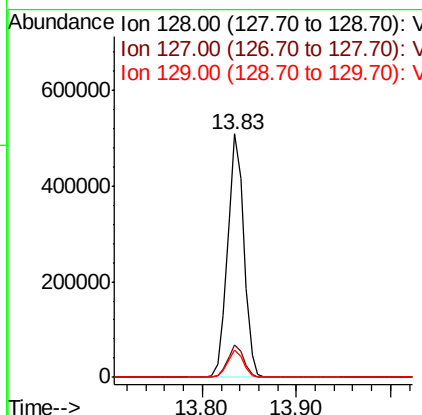
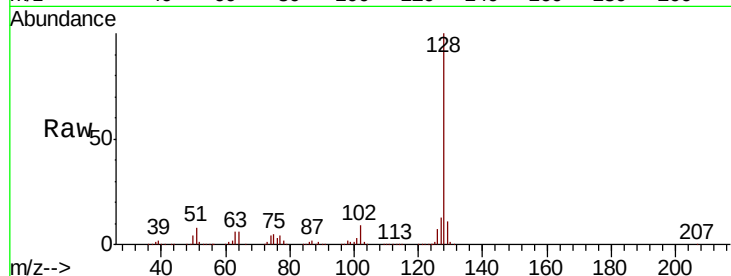
#95
Naphthalene
Concen: 104.815 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 111.859 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005826.D
Acq: 07 Nov 2018 13:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	29.7	15.1	45.3

