

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005822.D
 Acq On : 07 Nov 2018 12:05
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 10:35:13 AM

Quant Time: Nov 07 14:10:00 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	135352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	197451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	179504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97524	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	1254	0.802 ug/l	95
3) Chloromethane	1.32	50	1739	0.943 ug/l	98
4) Vinyl Chloride	1.40	62	1611	0.840 ug/l #	81
5) Bromomethane	1.64	94	1060	0.445 ug/l	91
6) Chloroethane	1.72	64	1003	0.720 ug/l	99
7) Trichlorofluoromethane	1.93	101	2216	0.900 ug/l	98
8) Diethyl Ether	2.19	74	880	0.795 ug/l	74
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1313	0.878 ug/l	95
12) 1,1-Dichloroethene	2.37	96	1359	0.932 ug/l	86
14) Allyl chloride	2.73	41	2895	0.960 ug/l	97
15) Acrylonitrile	3.15	53	4751	4.020 ug/l	99
16) Acetone	2.44	43	4441	3.940 ug/l	98
17) Carbon Disulfide	2.57	76	3776	0.843 ug/l #	90
18) Methyl Acetate	2.78	43	3185	1.121 ug/l	97
19) Methyl tert-butyl Ether	3.20	73	4213	0.835 ug/l	98
20) Methylene Chloride	2.85	84	1585	0.929 ug/l	84
21) trans-1,2-Dichloroethene	3.17	96	1465	0.950 ug/l	93
22) Diisopropyl ether	3.87	45	5162	0.923 ug/l #	93
23) Vinyl Acetate	3.82	43	20450	4.199 ug/l	99
24) 1,1-Dichloroethane	3.70	63	2654	0.839 ug/l	97
25) 2-Butanone	4.70	43	6367	3.814 ug/l	99
26) 2,2-Dichloropropane	4.59	77	1801	0.762 ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	1393	0.804 ug/l	89
28) Bromochloromethane	5.02	49	984	0.638 ug/l #	93
29) Tetrahydrofuran	5.16	42	3935	3.862 ug/l	97
30) Chloroform	5.21	83	2481	0.803 ug/l	93
31) Cyclohexane	5.58	56	2030	0.768 ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	1953	0.789 ug/l #	49
36) 1,1-Dichloropropene	5.79	75	1889	0.898 ug/l	99
37) Ethyl Acetate	4.85	43	2403	0.895 ug/l	94
38) Carbon Tetrachloride	5.78	117	1868	0.983 ug/l	91
39) Methylcyclohexane	7.46	83	1872	0.853 ug/l	91
40) Benzene	6.15	78	5528	0.883 ug/l	99
41) Methacrylonitrile	5.04	41	1290	0.890 ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005822.D
 Acq On : 07 Nov 2018 12:05
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 10:35:13 AM

Quant Time: Nov 07 14:10:00 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)
42) 1,2-Dichloroethane	6.20	62	1847	0.798	ug/l	91
43) Isopropyl Acetate	6.46	43	3201	0.822	ug/l	97
44) Trichloroethene	7.21	130	1566	1.082	ug/l	89
45) 1,2-Dichloropropane	7.51	63	1488	0.928	ug/l	90
46) Dibromomethane	7.66	93	862	0.841	ug/l	97
47) Bromodichloromethane	7.90	83	1598	0.831	ug/l #	93
48) Methyl methacrylate	7.77	41	1553	0.824	ug/l	95
49) 1,4-Dioxane	7.76	88	643	15.316	ug/l #	79
51) 4-Methyl-2-Pentanone	8.65	43	9852	3.709	ug/l	96
52) Toluene	8.79	92	2803	0.828	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	1630	0.782	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	1784	0.799	ug/l	88
55) 1,1,2-Trichloroethane	9.21	97	1382	0.940	ug/l	96
56) Ethyl methacrylate	9.18	69	1629	0.733	ug/l	95
57) 1,3-Dichloropropane	9.37	76	2072	0.820	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	3849	3.066	ug/l	95
59) 2-Hexanone	9.49	43	7522	3.480	ug/l	89
60) Dibromochloromethane	9.59	129	1180	0.831	ug/l	95
61) 1,2-Dibromoethane	9.68	107	1379	0.921	ug/l	100
64) Tetrachloroethene	9.34	164	1648	1.257	ug/l	91
65) Chlorobenzene	10.14	112	3628	0.951	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	1198	0.917	ug/l #	60
67) Ethyl Benzene	10.25	91	5334	0.819	ug/l	93
68) m/p-Xylenes	10.36	106	3993	1.651	ug/l	97
69) o-Xylene	10.69	106	1740	0.752	ug/l	97
70) Styrene	10.71	104	2806	0.730	ug/l	96
71) Bromoform	10.86	173	940	0.888	ug/l #	94
73) Isopropylbenzene	11.02	105	4427	0.688	ug/l	96
74) N-amyl acetate	10.90	43	2041	0.596	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	2007	0.752	ug/l	96
76) 1,2,3-Trichloropropane	11.30	75	1860m	0.766	ug/l	
77) Bromobenzene	11.26	156	1554	0.974	ug/l	89
78) n-propylbenzene	11.36	91	5134	0.656	ug/l	98
79) 2-Chlorotoluene	11.42	91	3603	0.771	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	3542	0.648	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	477	0.634	ug/l	86
82) 4-Chlorotoluene	11.51	91	3943	0.707	ug/l	94
83) tert-Butylbenzene	11.77	119	3929	0.754	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	3354	0.608	ug/l	95
85) sec-Butylbenzene	11.94	105	4514	0.675	ug/l	100
86) p-Isopropyltoluene	12.06	119	4121	0.725	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	2945	0.954	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	3205m	0.967	ug/l	
89) n-Butylbenzene	12.39	91	4269	0.744	ug/l	100
90) Hexachloroethane	12.60	117	800	0.793	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	2972	0.922	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	434	0.693	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	1988	0.961	ug/l	94
94) Hexachlorobutadiene	13.78	225	1261	1.261	ug/l	97
95) Naphthalene	13.83	128	4843	0.712	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
Data File : VX005822.D
Acq On : 07 Nov 2018 12:05
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

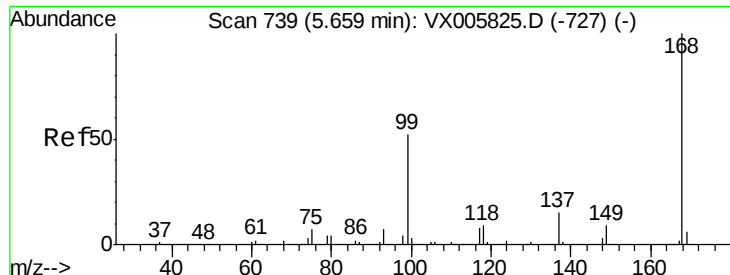
Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:13 AM

Quant Time: Nov 07 14:10:00 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)
96) 1,2,3-Trichlorobenzene	14.02	180	2075	0.986	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: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 135352

Ion Ratio Lower Upper

168 100

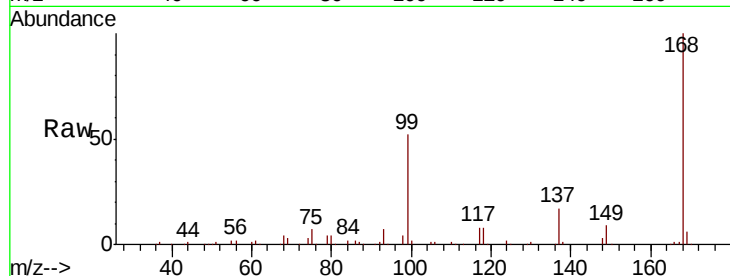
99 51.8 40.7 61.1

Manual Integrations

APPROVED

MMDadoda

11/8/2018 10:35:13 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

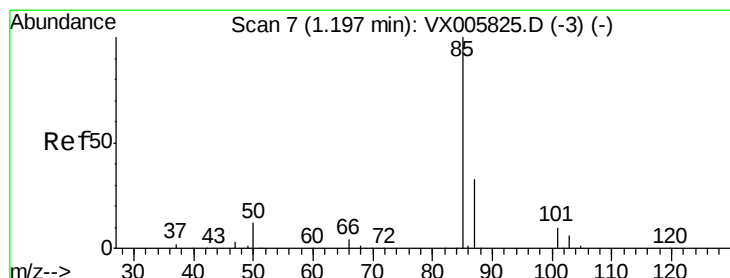
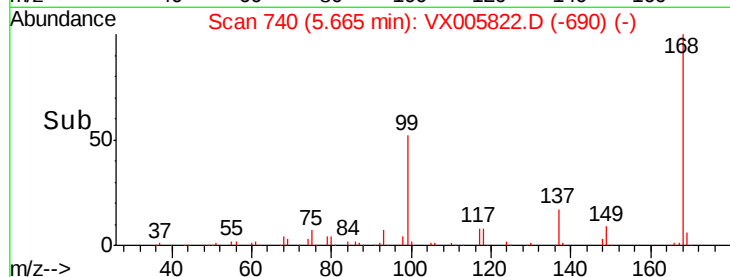
20000

10000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.802 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005822.D

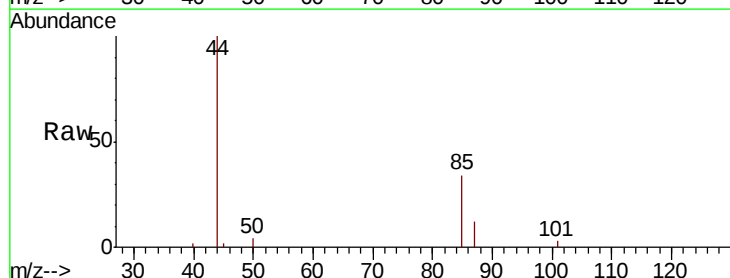
Acq: 07 Nov 2018 12:05

Tgt Ion: 85 Resp: 1254

Ion Ratio Lower Upper

85 100

87 35.6 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

1500

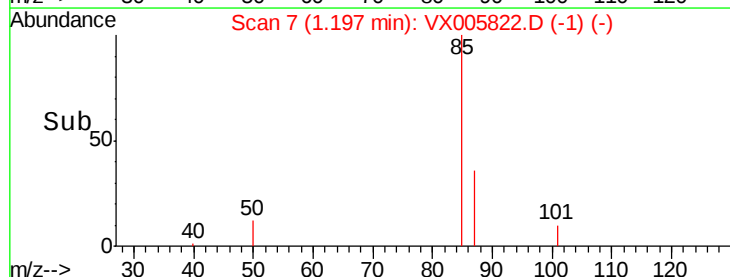
1000

500

0

1.20 1.25

Time-->





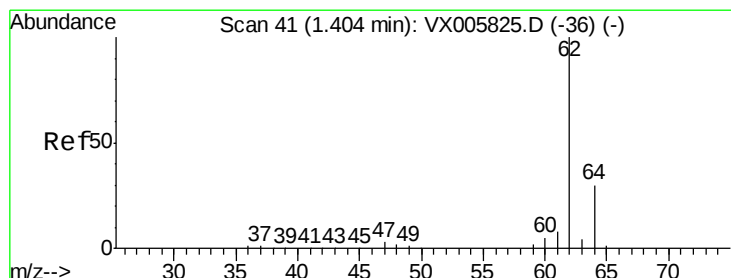
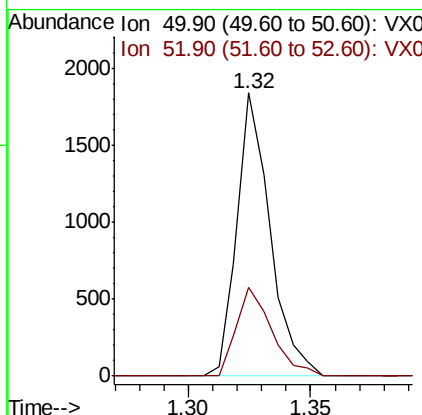
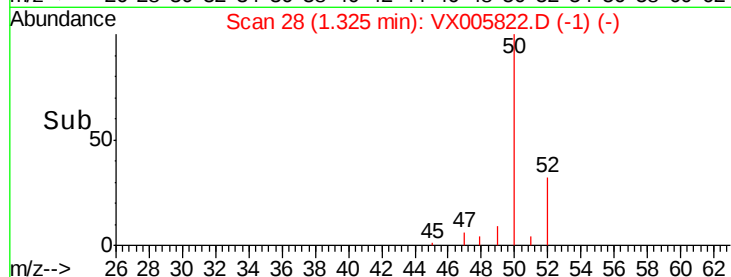
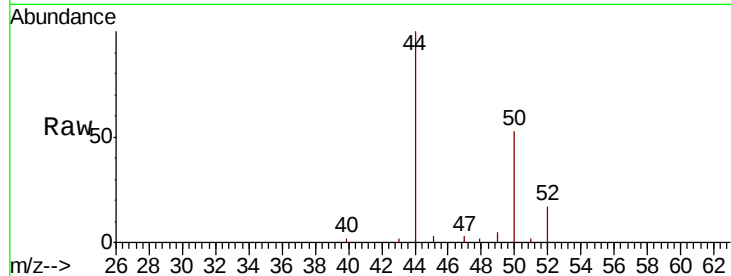
#3
 Chloromethane
 Concen: 0.943 ug/l
 RT: 1.32 min Scan# 28
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 50 Resp: 1739
 Ion Ratio Lower Upper
 50 100
 52 31.5 26.2 39.2

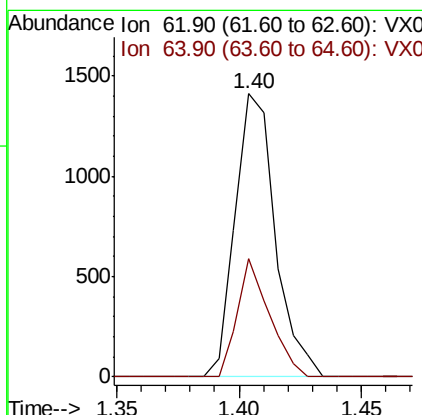
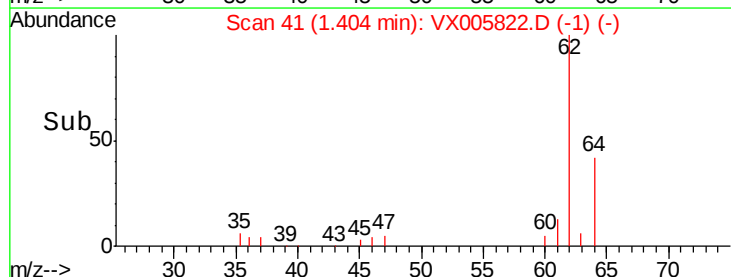
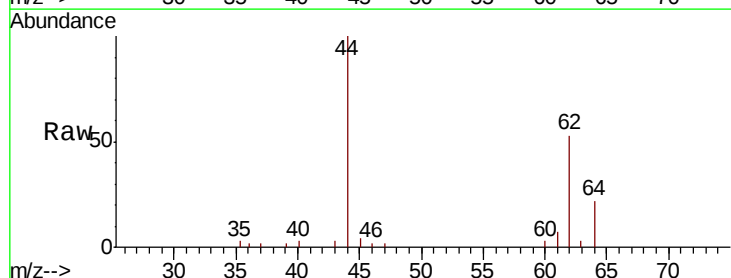
Manual Integrations
 APPROVED

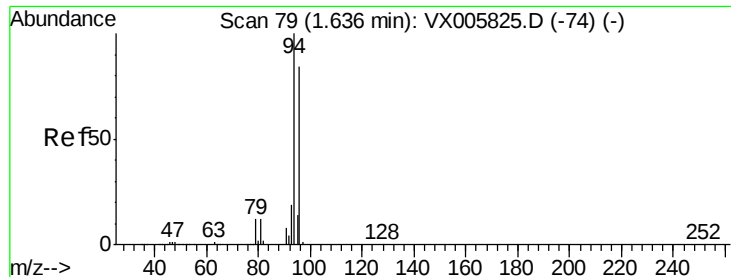
MMDadoda
 11/8/2018 10:35:13 AM



#4
 Vinyl Chloride
 Concen: 0.840 ug/l
 RT: 1.40 min Scan# 41
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion: 62 Resp: 1611
 Ion Ratio Lower Upper
 62 100
 64 42.0 25.3 37.9#





#5

Bromomethane

Concen: 0.445 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 94 Resp: 1060

Ion Ratio Lower Upper

94 100

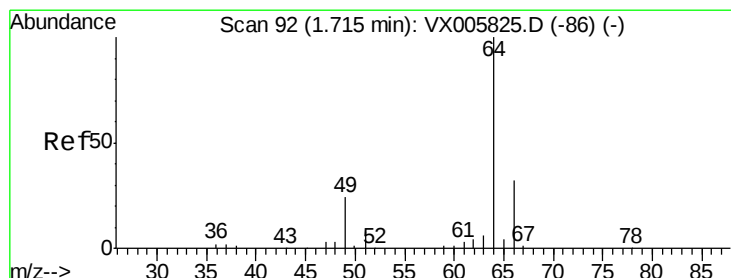
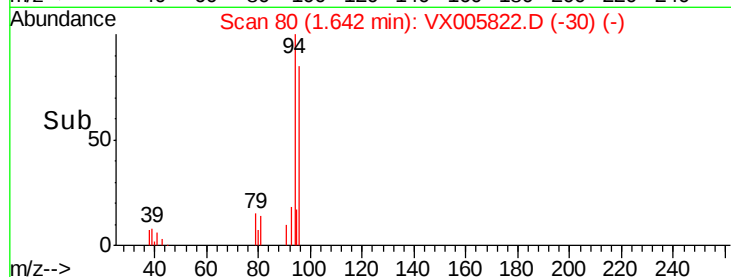
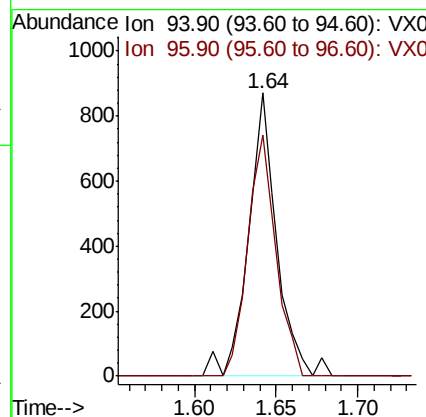
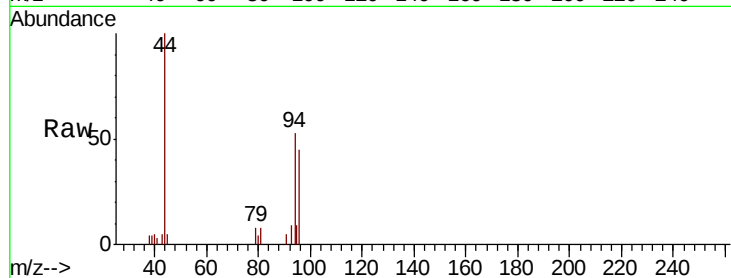
96 85.0 75.2 112.8

Manual Integrations

APPROVED

MMDadoda

11/8/2018 10:35:13 AM



#6

Chloroethane

Concen: 0.720 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005822.D

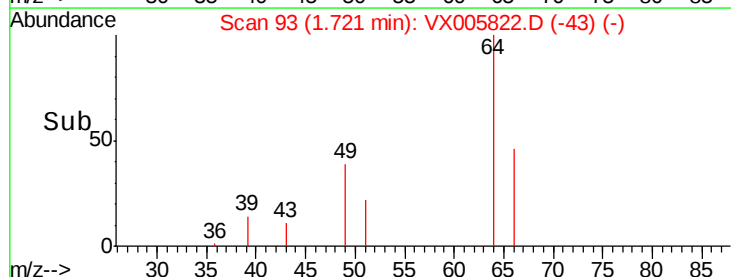
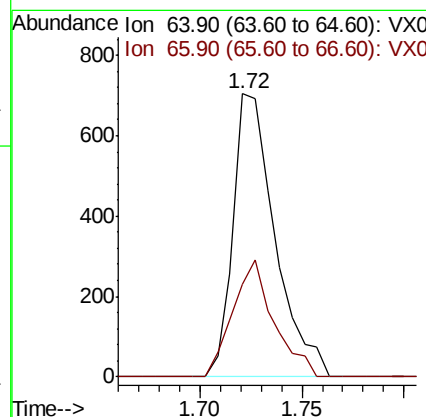
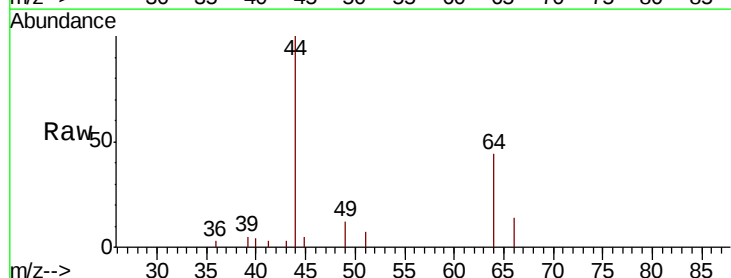
Acq: 07 Nov 2018 12:05

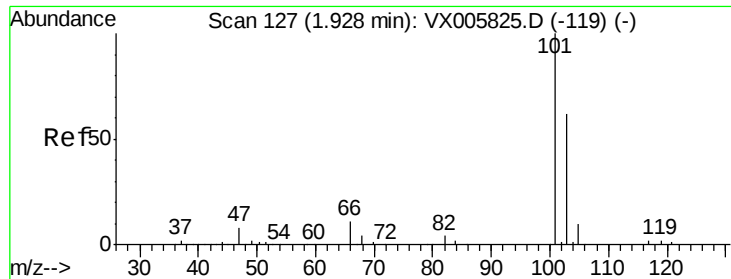
Tgt Ion: 64 Resp: 1003

Ion Ratio Lower Upper

64 100

66 32.7 25.8 38.6





#7

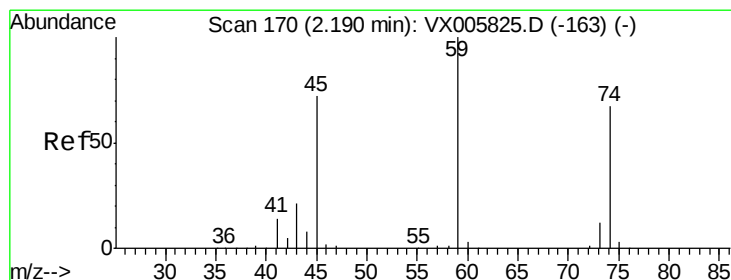
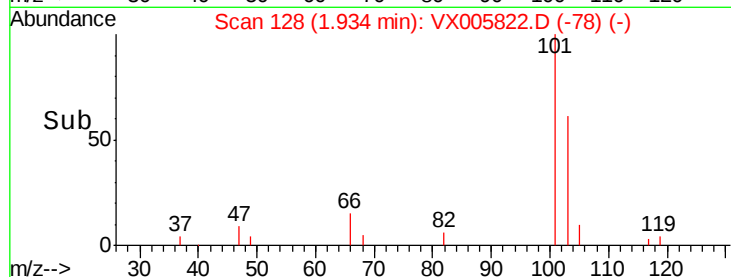
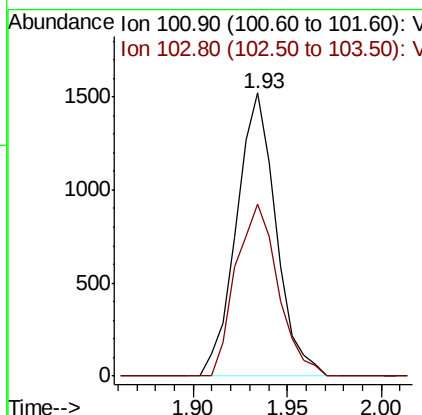
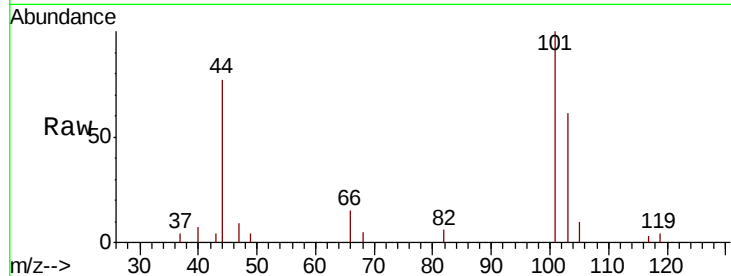
Trichlorofluoromethane
 Concen: 0.900 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.8	50.0	75.0

Manual Integrations
 APPROVED

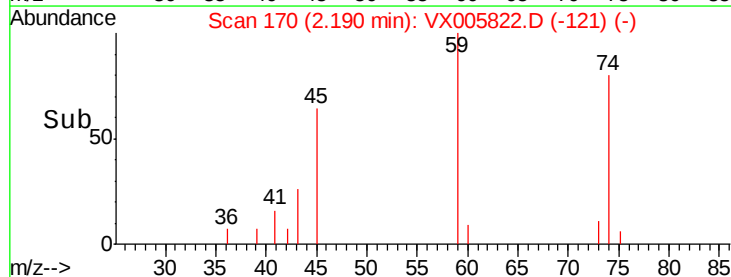
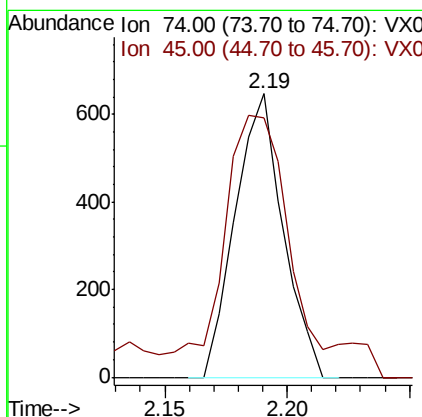
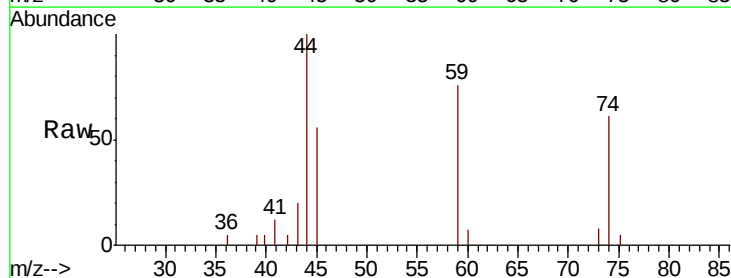
MMDadoda
 11/8/2018 10:35:13 AM

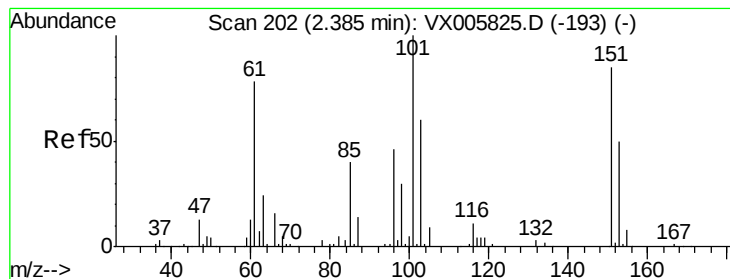


#8

Diethyl Ether
 Concen: 0.795 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	135.3	54.1	162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.878 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

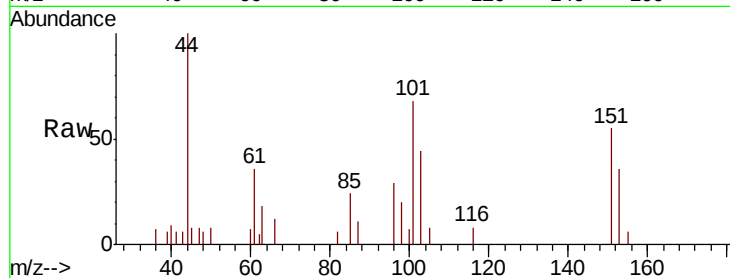
ClientSampled :

VSTDIC001

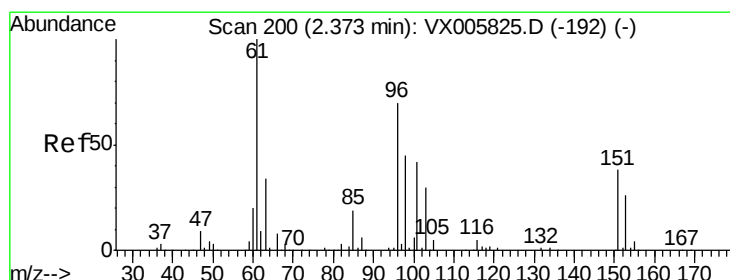
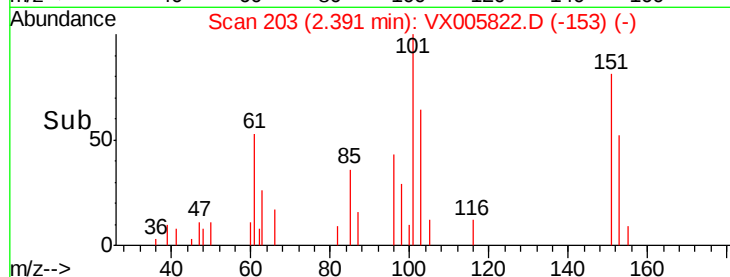
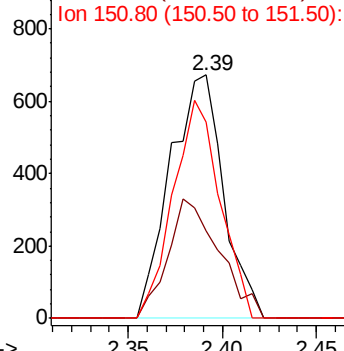
Tot Ion:	101	Resp:	1313
Ion Ratio	Lower	Upper	
101	100		
85	47.5	35.0	52.4
151	79.2	66.2	99.2

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:13 AM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 0.932 ug/l

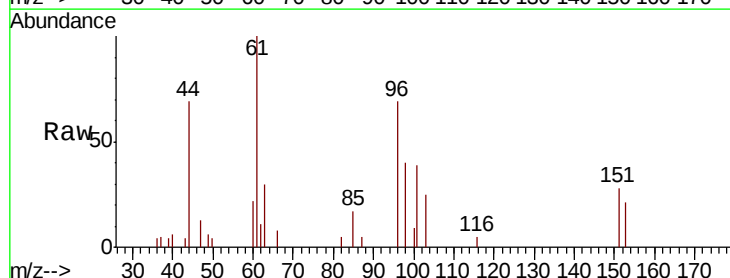
RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

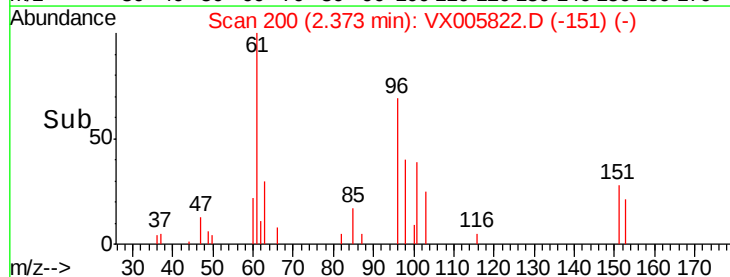
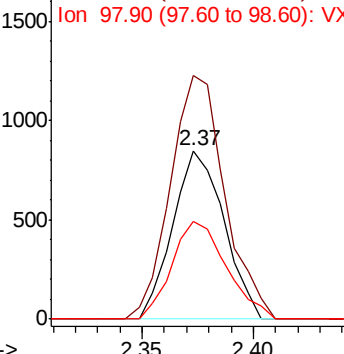
Lab File: VX005822.D

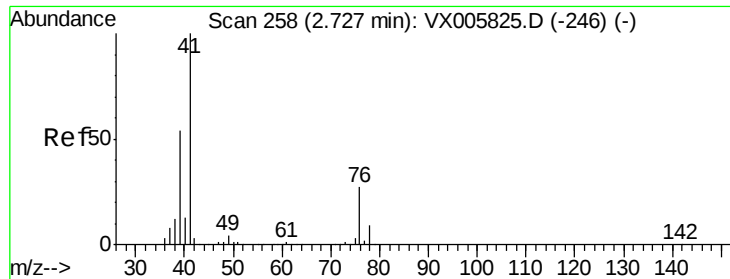
Acq: 07 Nov 2018 12:05

Tgt Ion:	96	Resp:	1359
Ion Ratio	Lower	Upper	
96	100		
61	144.8	131.8	197.8
98	57.9	53.4	80.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





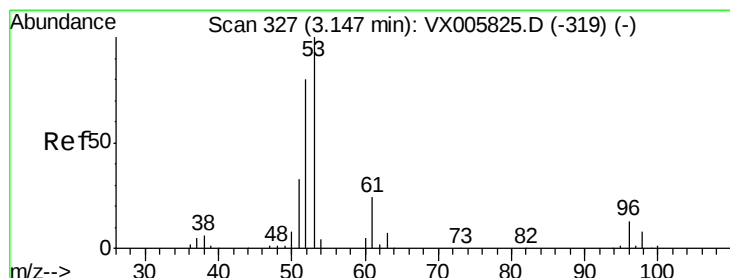
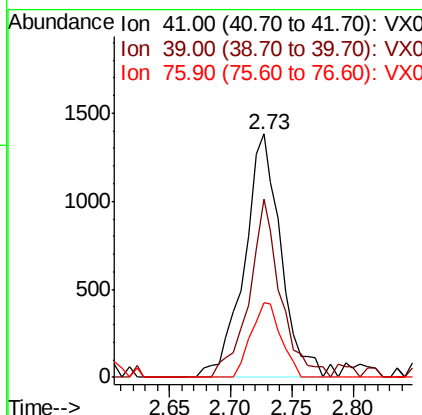
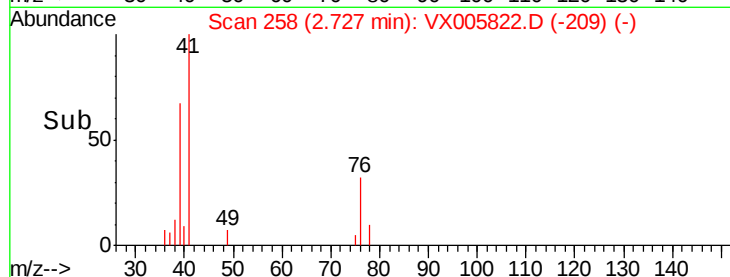
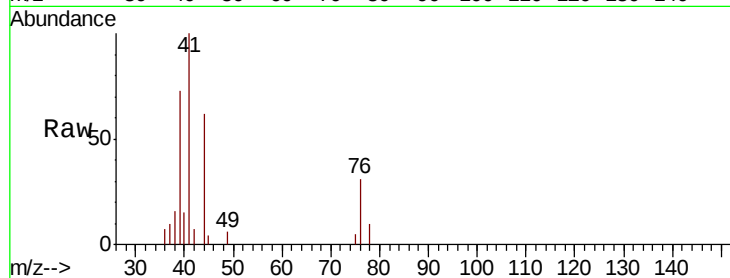
#14
Allvl chloride
Concen: 0.960 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	41	Resp:	2895
Ion	Ratio	Lower	Upper
41	100		
39	62.4	48.2	72.4
76	25.0	21.9	32.9

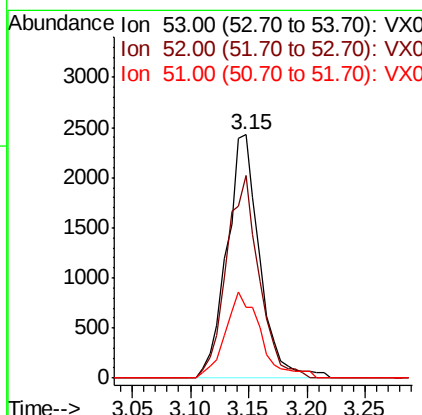
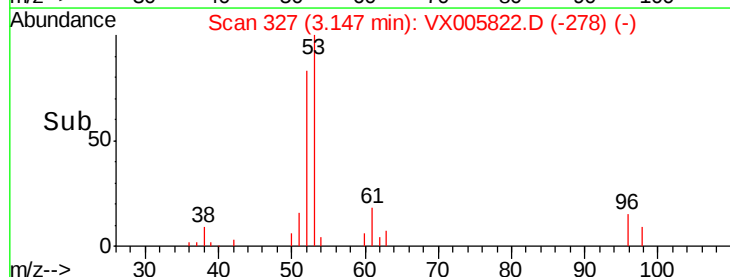
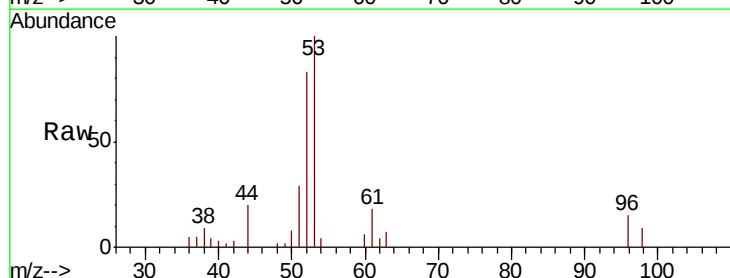
Manual Integrations
APPROVED

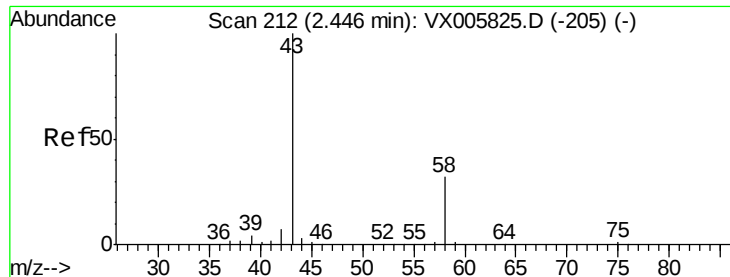
MMDadoda
11/8/2018 10:35:13 AM



#15
Acrylonitrile
Concen: 4.020 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion:	53	Resp:	4751
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.6	99.8
51	38.1	28.4	42.6





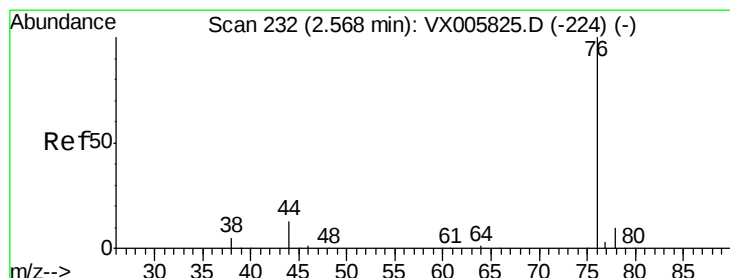
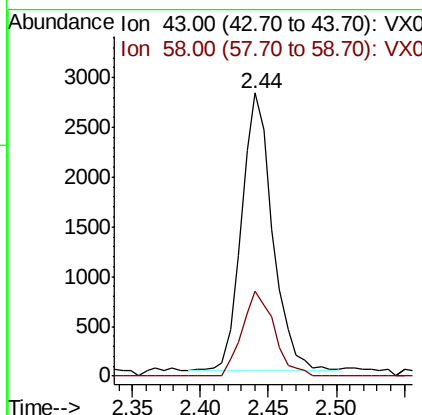
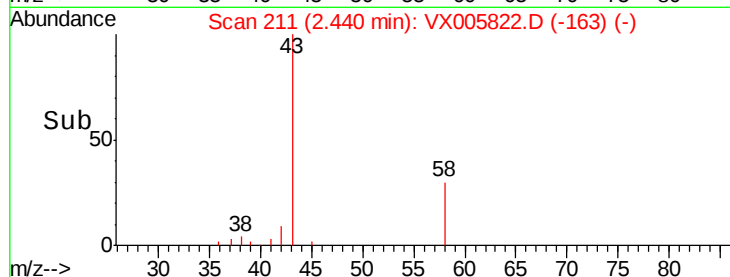
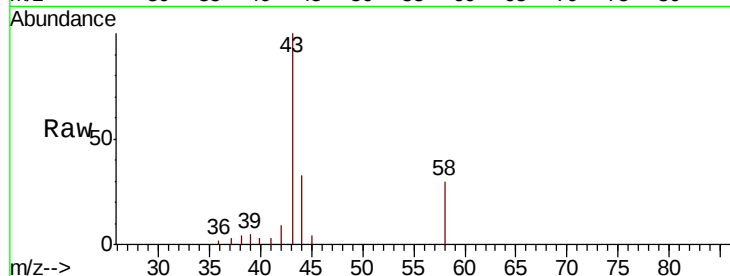
#16
Acetone
Concen: 3.940 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
58	30.5	23.8	35.6

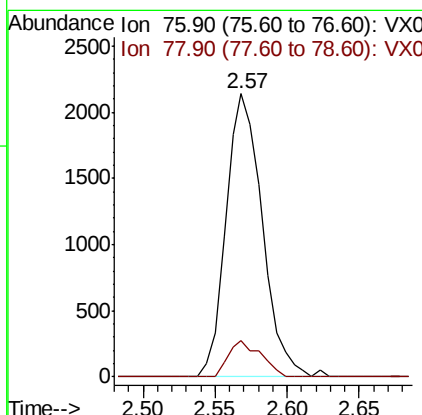
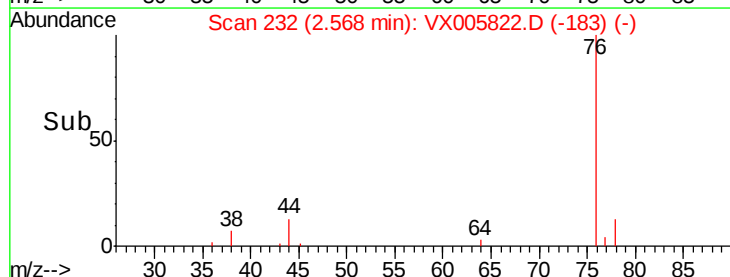
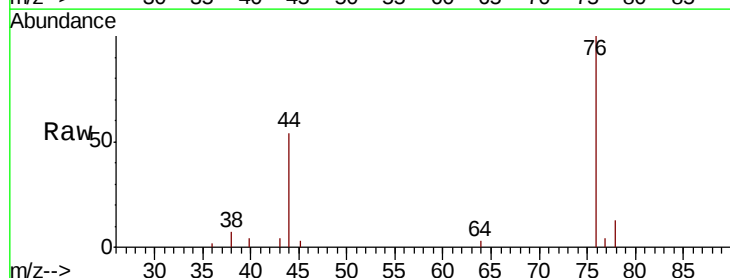
Manual Integrations
APPROVED

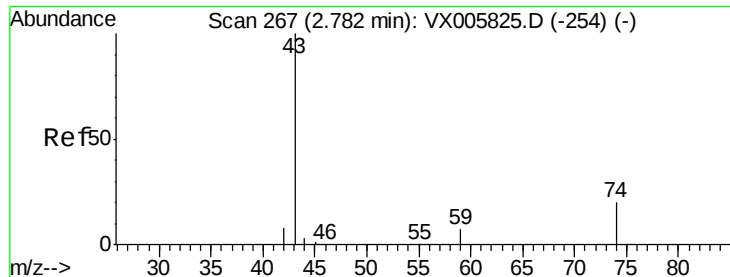
MMDadoda
11/8/2018 10:35:13 AM



#17
Carbon Disulfide
Concen: 0.843 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
76	100		
78	12.8	7.3	10.9#





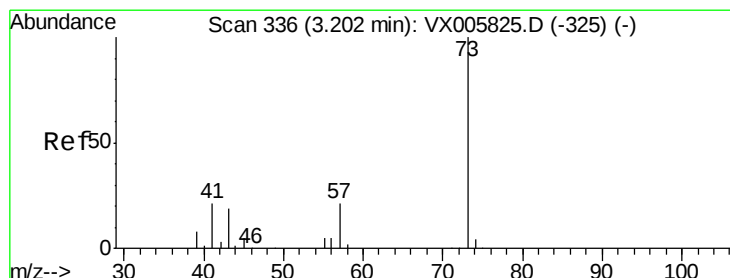
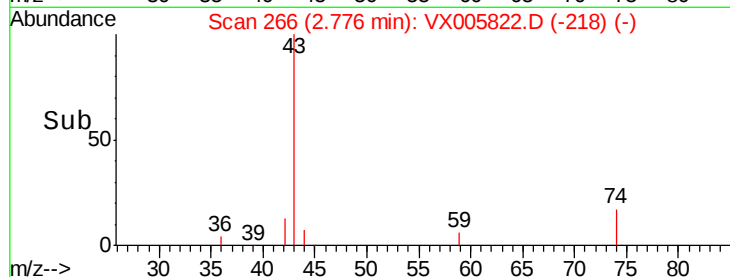
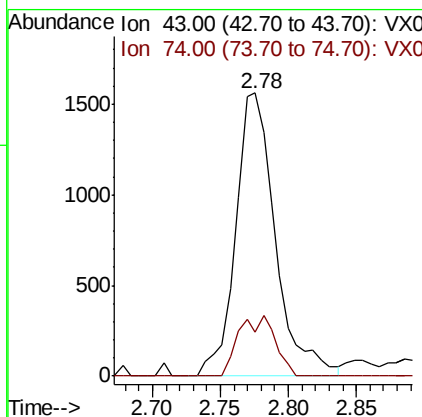
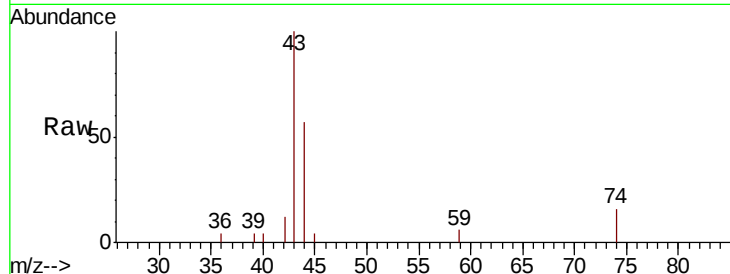
#18
Methyl Acetate
Concen: 1.121 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 3185
Ion Ratio Lower Upper
43 100
74 19.5 16.8 25.2

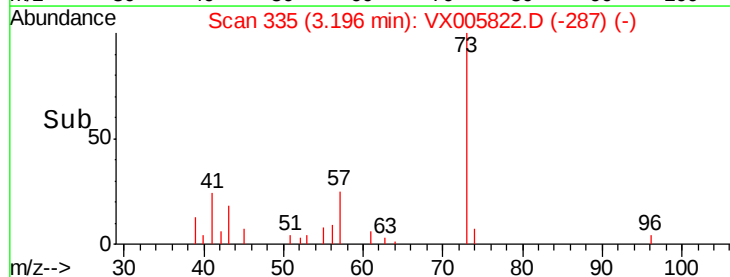
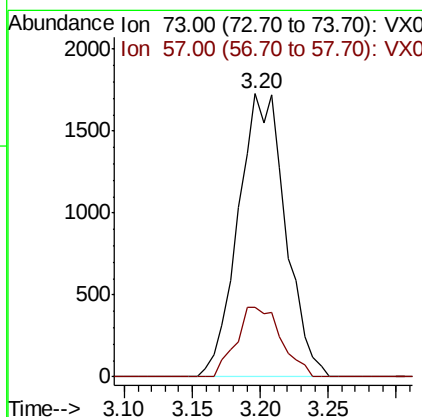
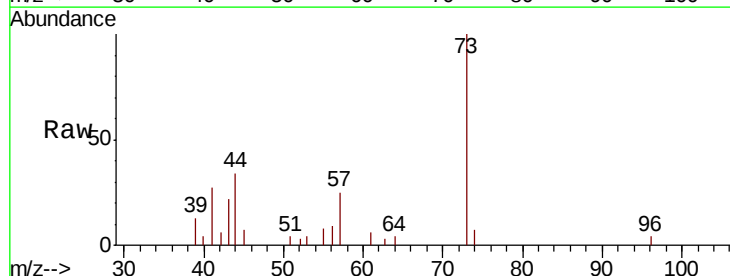
Manual Integrations
APPROVED

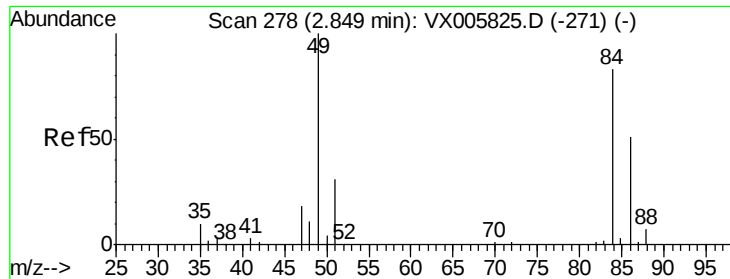
MMDadoda
11/8/2018 10:35:13 AM



#19
Methyl tert-butyl Ether
Concen: 0.835 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 73 Resp: 4213
Ion Ratio Lower Upper
73 100
57 24.7 18.8 28.2





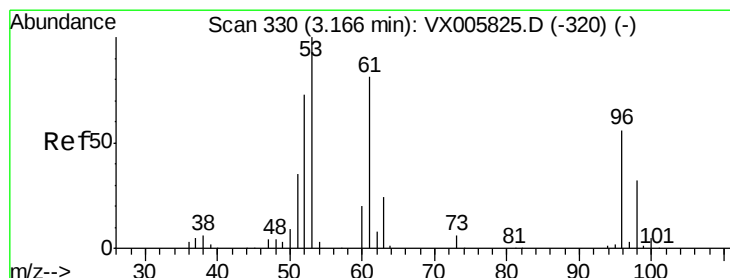
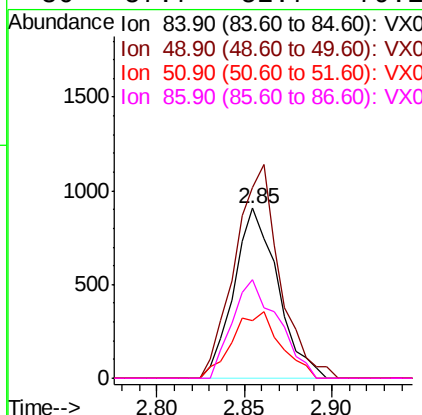
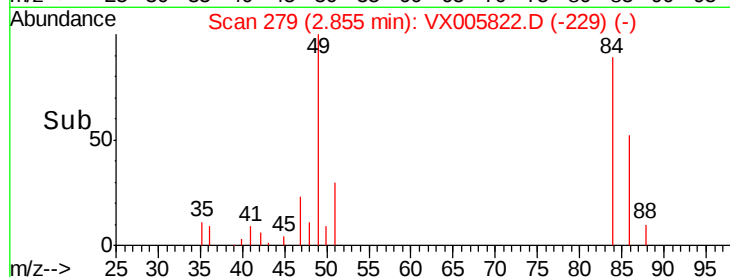
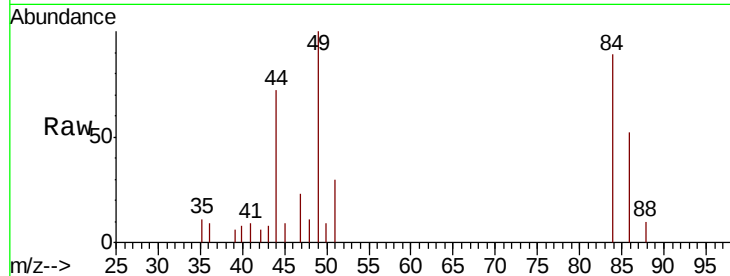
#20
Methvlene Chloride
Concen: 0.929 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	84	Resp:	1585
Ion	Ratio	Lower	Upper
84	100		
49	112.0	109.5	164.3
51	33.8	33.3	49.9
86	57.7	52.7	79.1

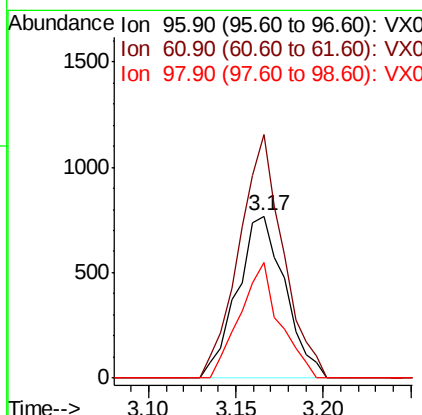
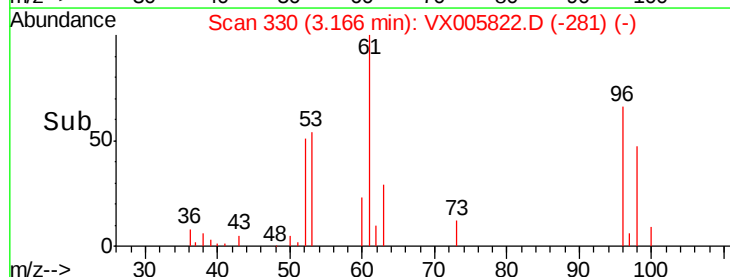
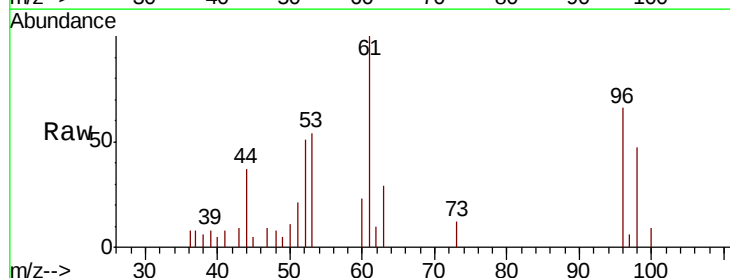
Manual Integrations
APPROVED

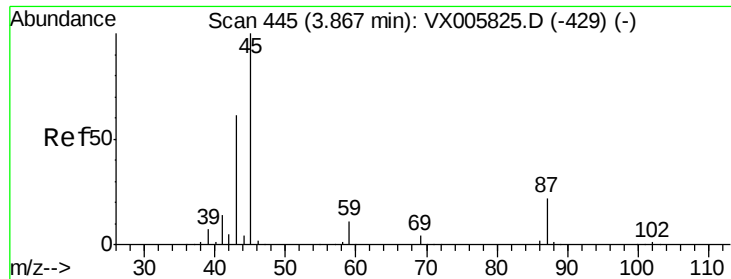
MMDadoda
11/8/2018 10:35:13 AM



#21
trans-1,2-Dichloroethene
Concen: 0.950 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion:	96	Resp:	1465
Ion	Ratio	Lower	Upper
96	100		
61	150.6	115.6	173.4
98	71.3	50.2	75.2





#22

Diisopropyl ether

Concen: 0.923 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

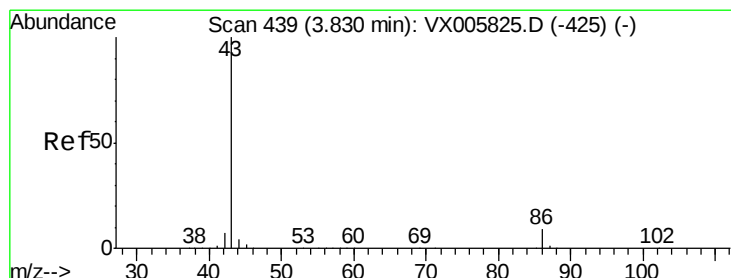
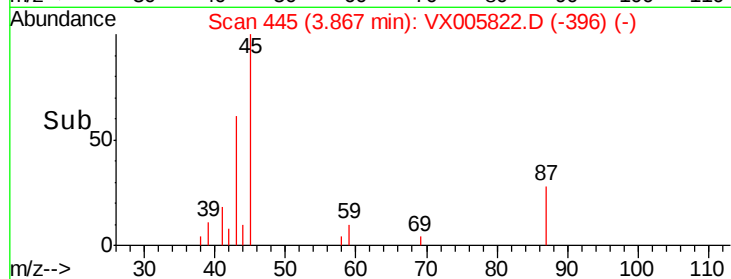
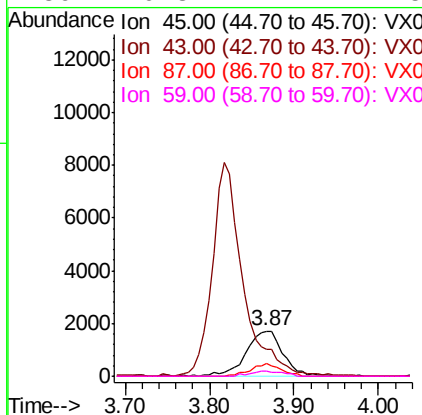
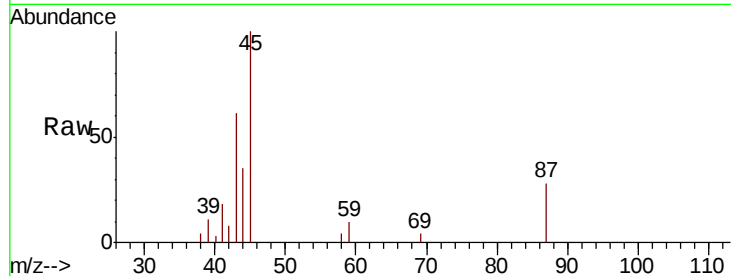
ClientSampleId :

VSTDIC001

Tot Ion:	45	Resp:	5162
Ion	Ratio	Lower	Upper
45	100		
43	56.2	47.4	71.2
87	27.7	15.9	23.9
59	10.3	7.7	11.5

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:13 AM



#23

Vinyl Acetate

Concen: 4.199 ug/l

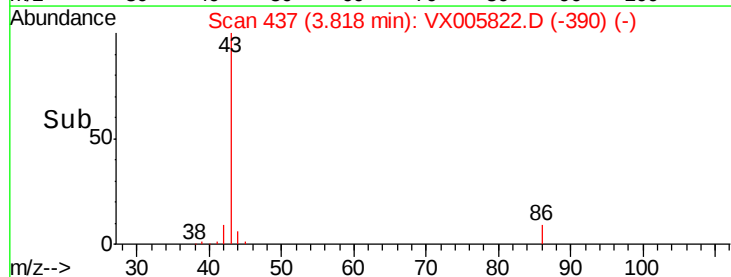
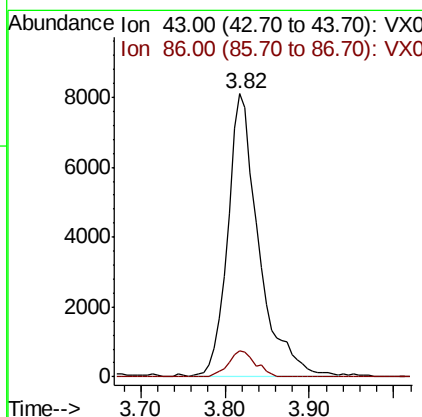
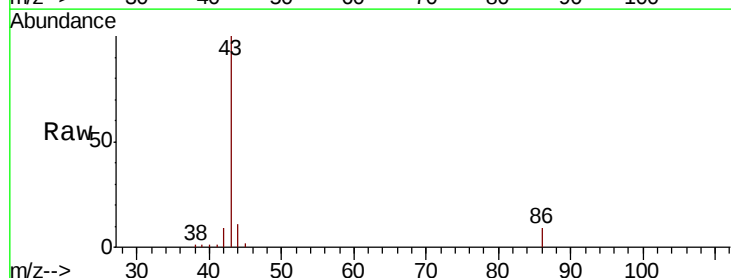
RT: 3.82 min Scan# 437

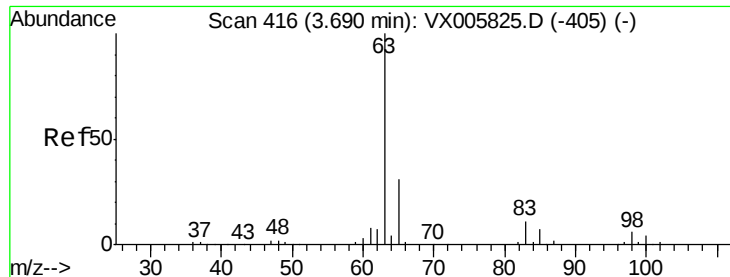
Delta R.T. -0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Tgt Ion:	43	Resp:	20450
Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.4	11.2





#24

1,1-Dichloroethane

Concen: 0.839 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

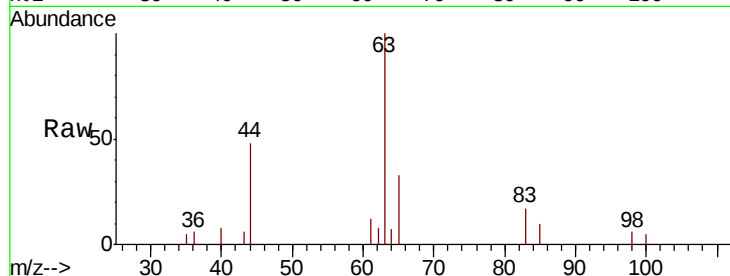
ClientSampleId :

VSTDIC001

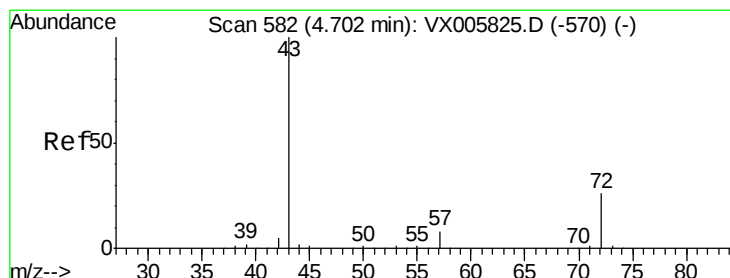
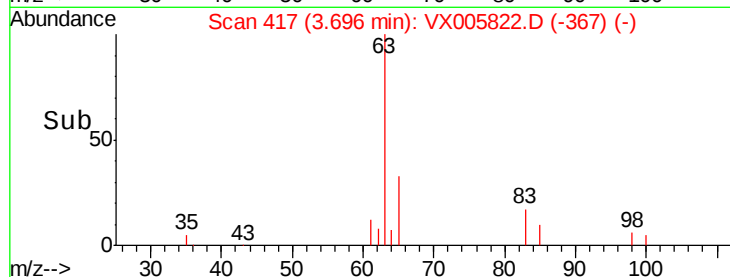
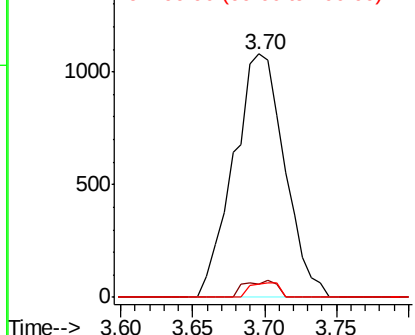
Tot Ion:	63	Resp:	2654
Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.2	9.6
100	5.5	2.1	6.2

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:13 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 3.814 ug/l

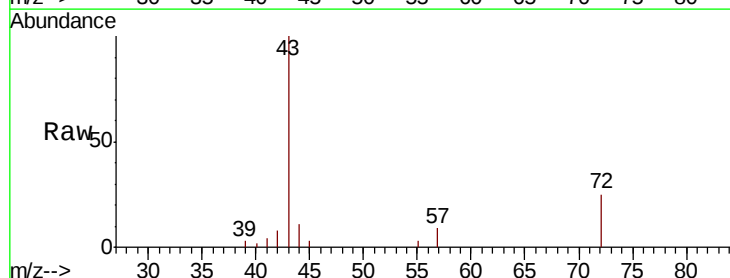
RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

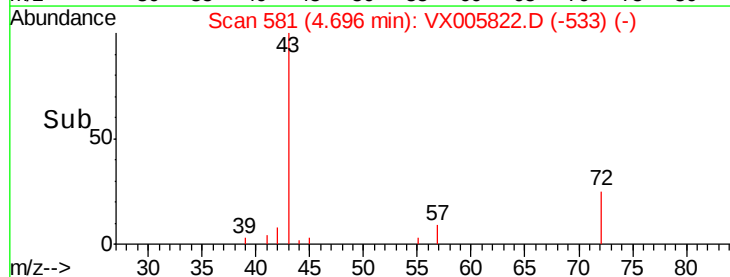
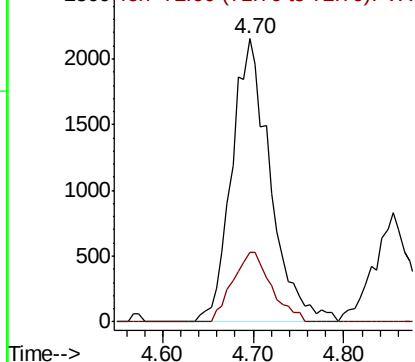
Lab File: VX005822.D

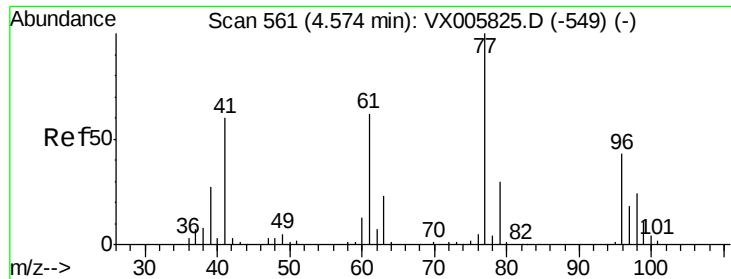
Acq: 07 Nov 2018 12:05

Tgt Ion:	43	Resp:	6367
Ion	Ratio	Lower	Upper
43	100		
72	24.5	19.2	28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#26

2,2-Dichloropropane

Concen: 0.762 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 77 Resp: 1801

Ion Ratio Lower Upper

77 100

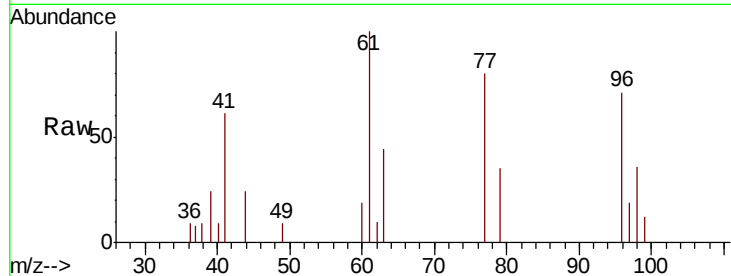
97 22.5 11.5 34.5

Manual Integrations

APPROVED

MMDadoda

11/8/2018 10:35:13 AM



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

600

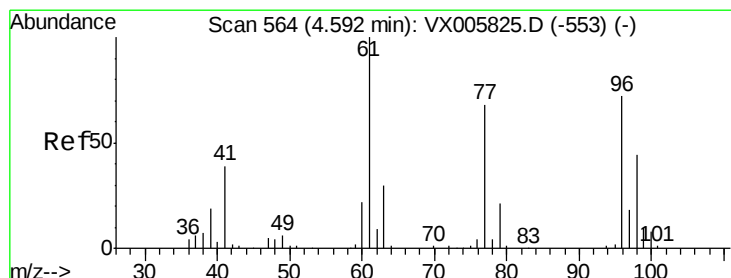
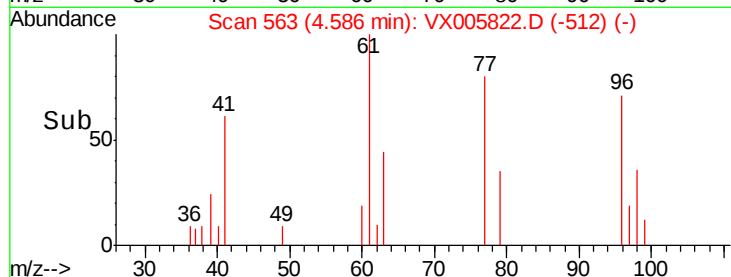
400

200

0

4.50 4.55 4.60 4.65

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.804 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

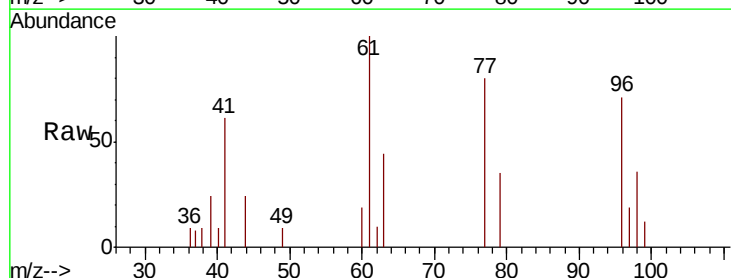
Tgt Ion: 96 Resp: 1393

Ion Ratio Lower Upper

96 100

61 170.2 0.0 304.6

98 66.2 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

1000

800

600

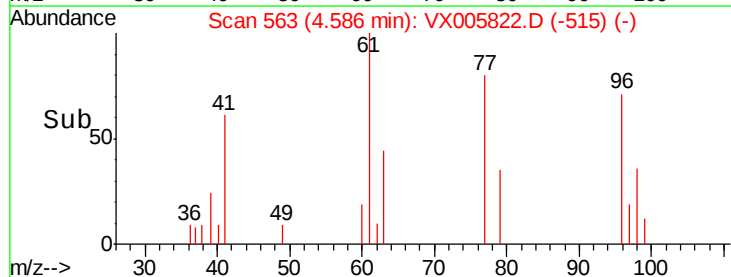
400

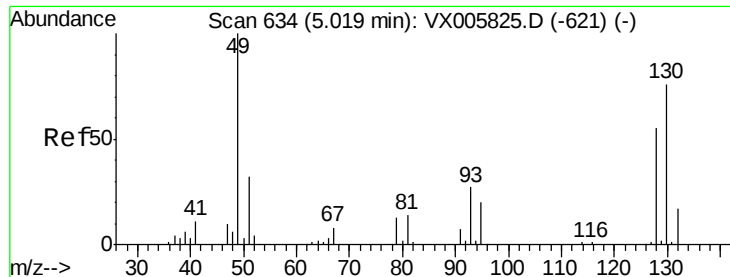
200

0

4.50 4.55 4.60 4.65

Time-->





#28

Bromochloromethane

Concen: 0.638 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

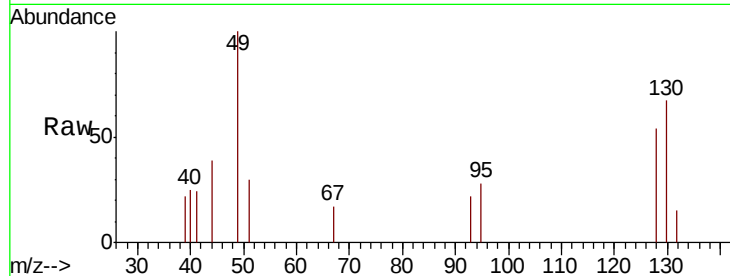
ClientSampleId :

VSTDIC001

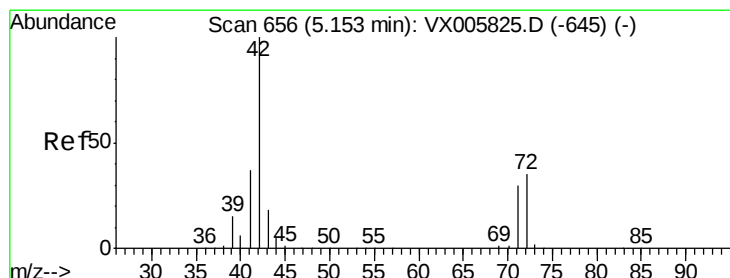
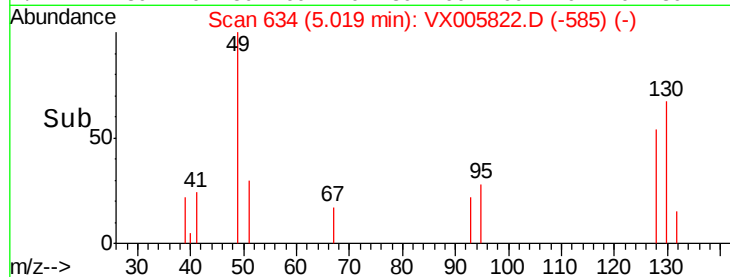
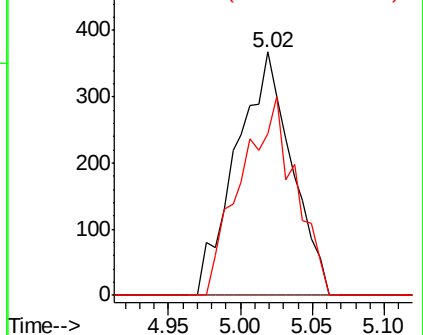
Tot Ion:	49	Resp:	984
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	79.8	58.9	88.3

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:13 AM



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 3.862 ug/l

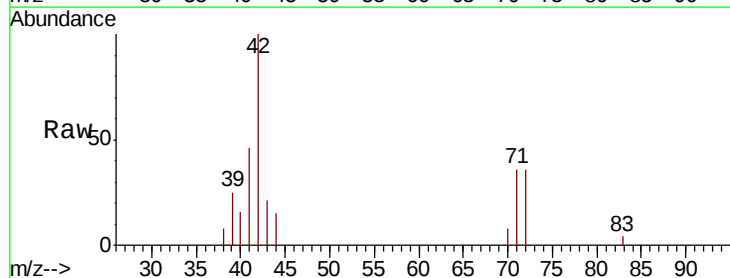
RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

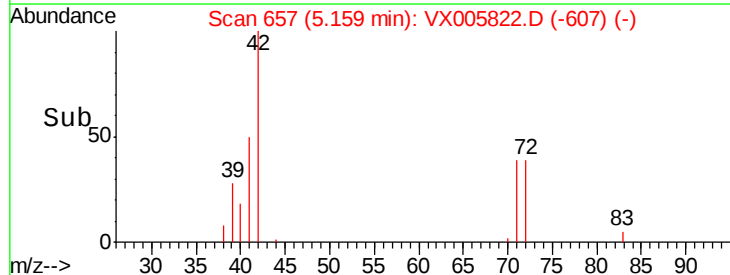
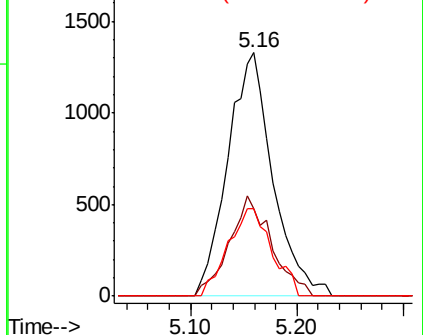
Lab File: VX005822.D

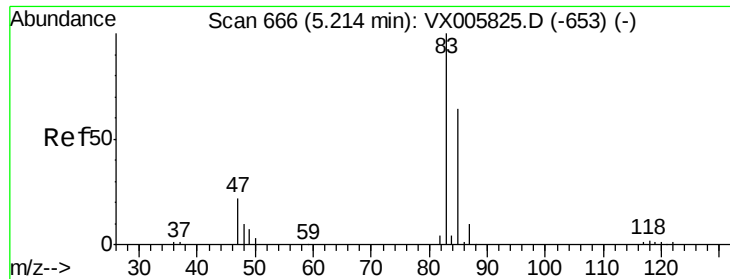
Acq: 07 Nov 2018 12:05

Tgt Ion:	42	Resp:	3935
Ion	Ratio	Lower	Upper
42	100		
72	38.4	32.0	48.0
71	34.8	29.8	44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0





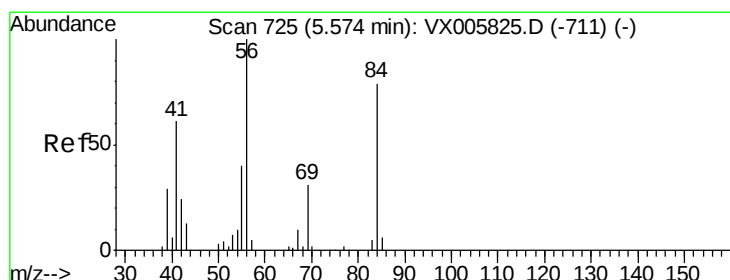
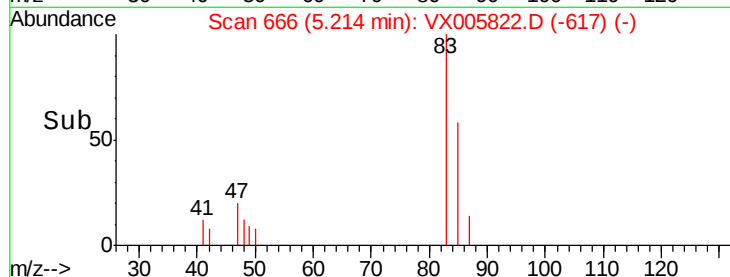
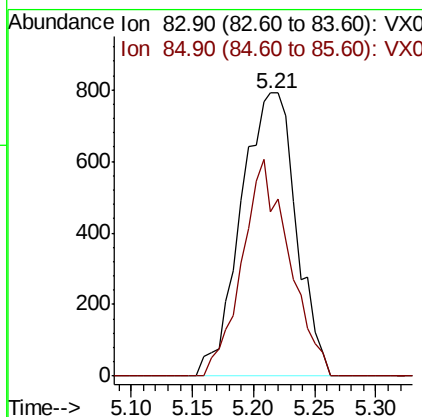
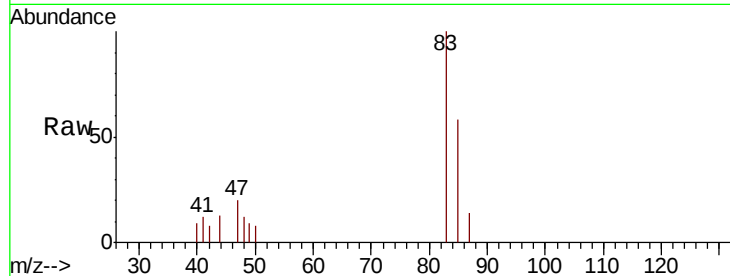
#30
Chloroform
Concen: 0.803 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 2481
Ion Ratio Lower Upper
83 100
85 58.2 50.6 76.0

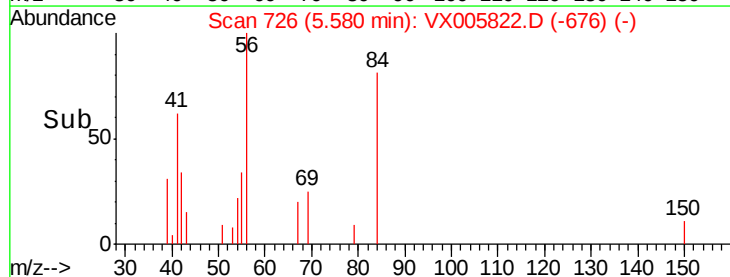
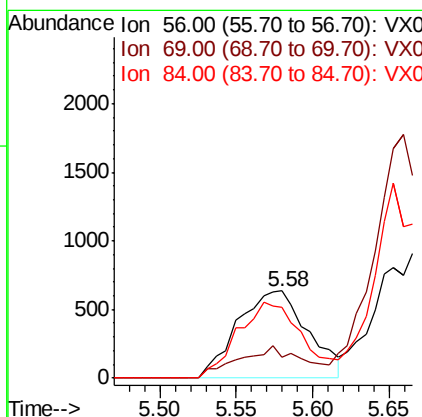
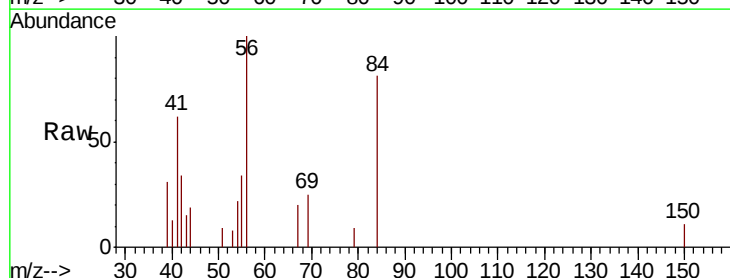
Manual Integrations
APPROVED

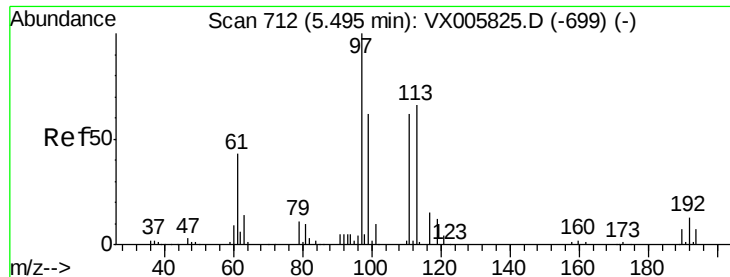
MMDadoda
11/8/2018 10:35:13 AM



#31
Cyclohexane
Concen: 0.768 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 56 Resp: 2030
Ion Ratio Lower Upper
56 100
69 24.6 22.6 34.0
84 80.8 62.7 94.1





#32

1,1,1-Trichloroethane

Concen: 0.789 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

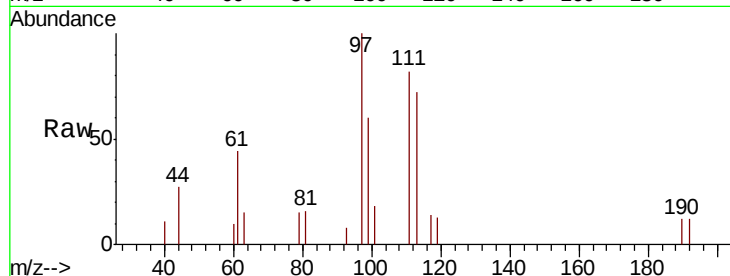
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	1953
Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.3	78.5#
61	45.8	35.2	52.8

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:13 AM

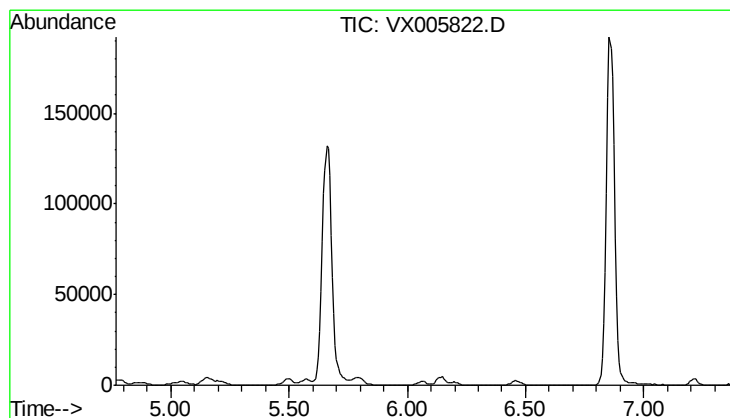
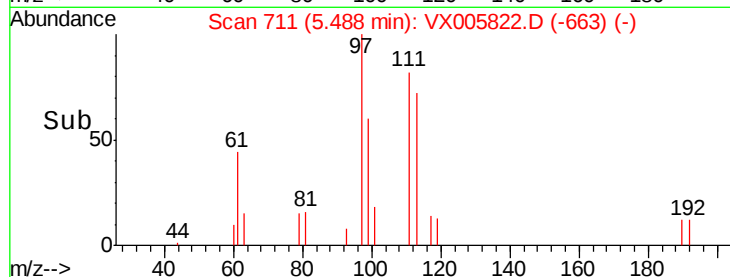
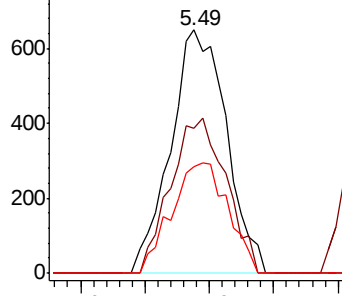


Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.07 min

Lab File: VX005822.D

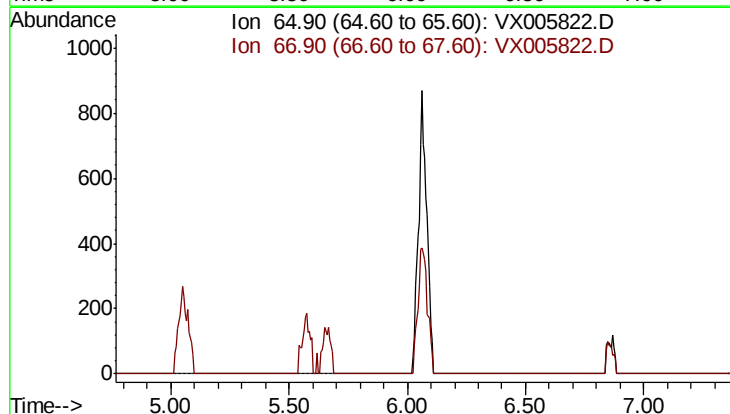
Acq: 07 Nov 2018 12:05

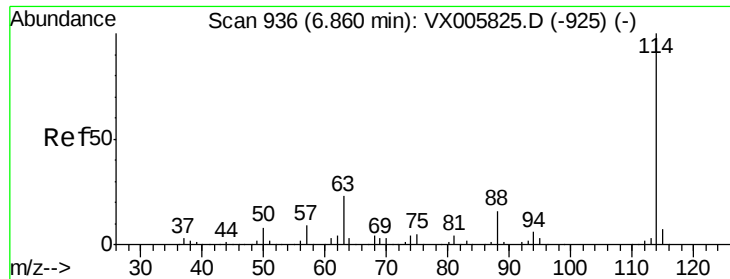
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.5





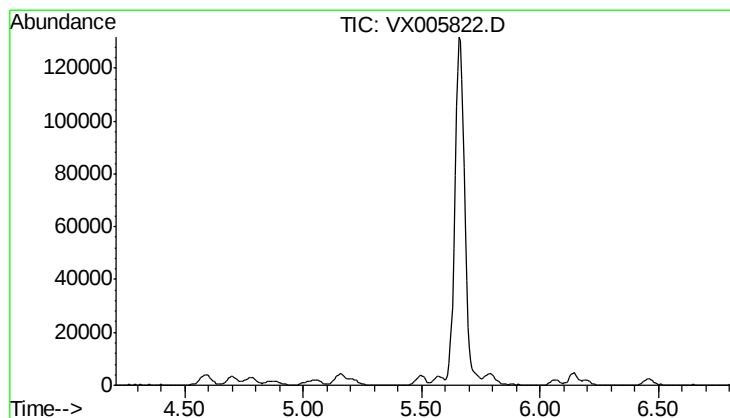
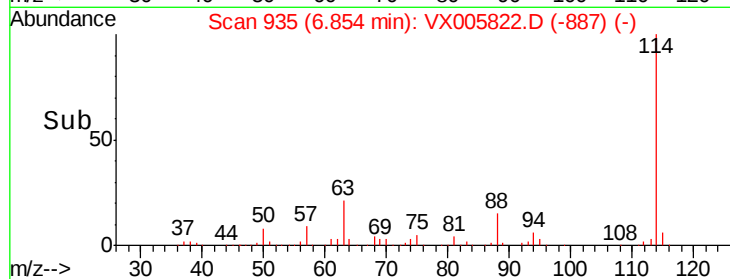
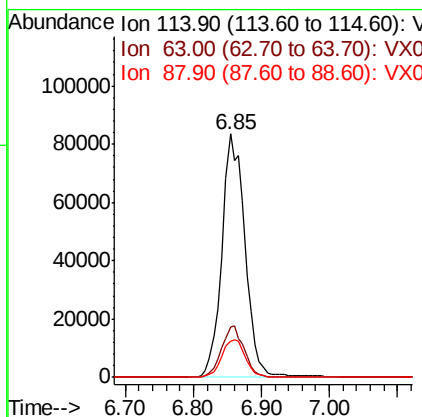
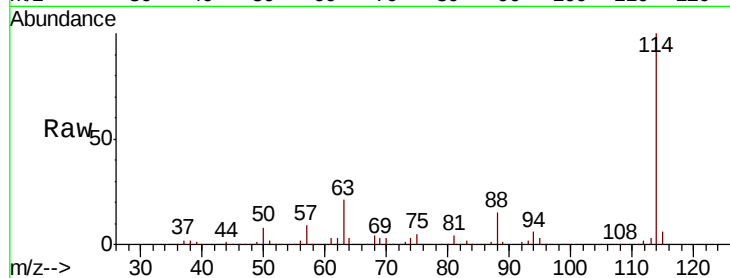
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.6	0.0	42.8
88	14.9	0.0	31.2

Manual Integrations
APPROVED

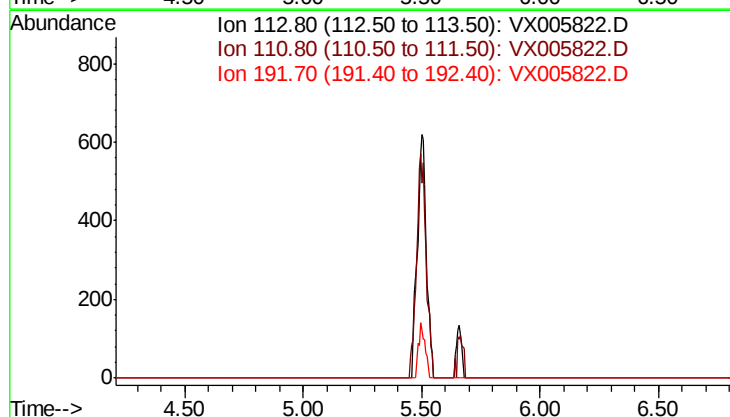
MMDadoda
11/8/2018 10:35:13 AM

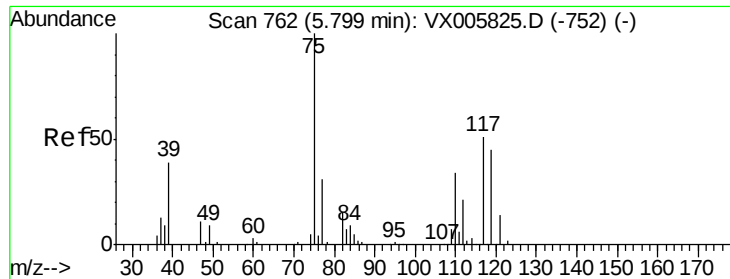


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.51 min

Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion	Exp Ratio
113	100
111	102.9
192	22.4





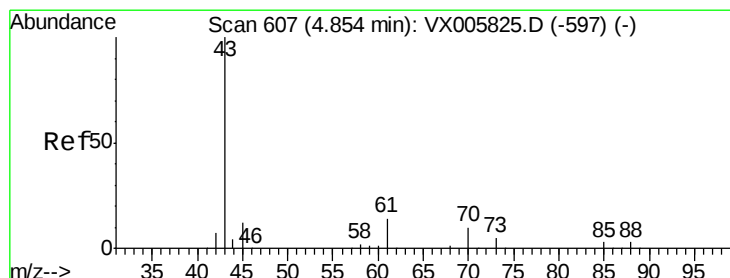
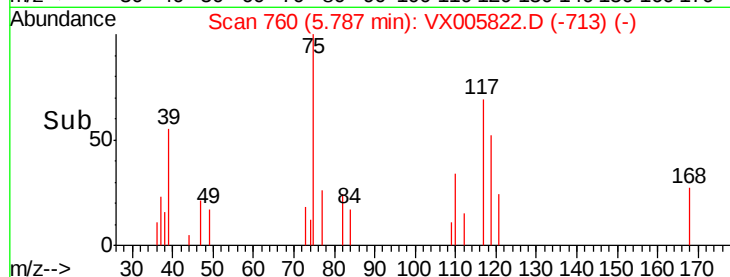
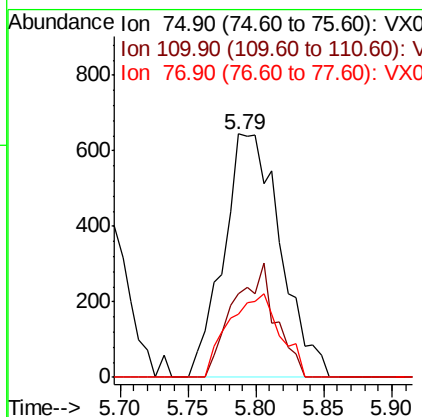
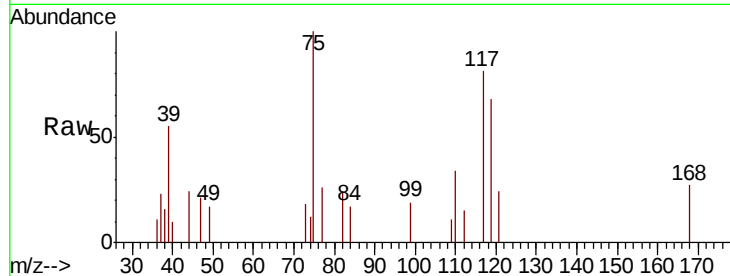
#36
 1,1-Dichloropropene
 Concen: 0.898 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.4	52.2
77	30.9	25.8	38.6

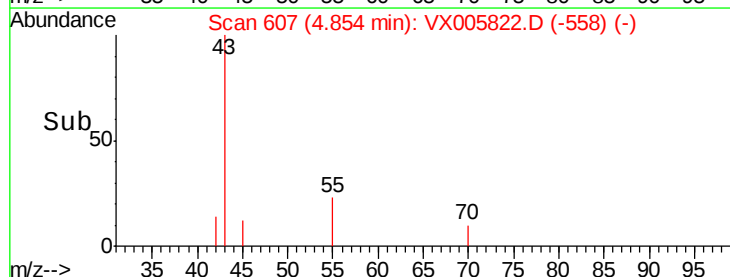
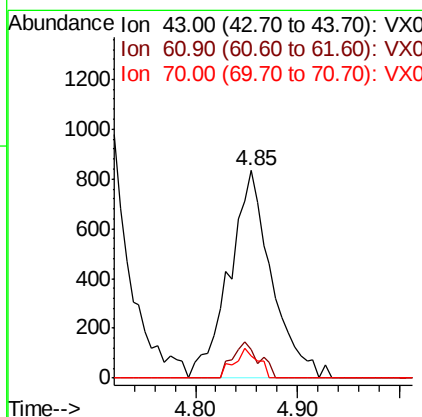
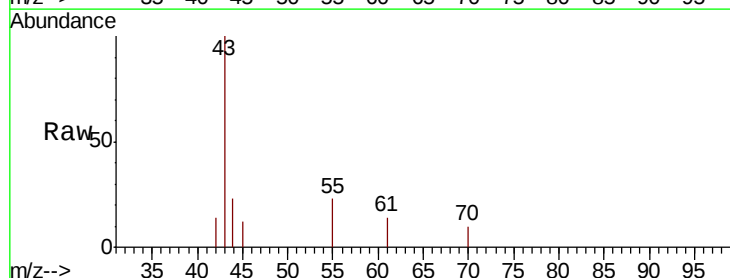
Manual Integrations
 APPROVED

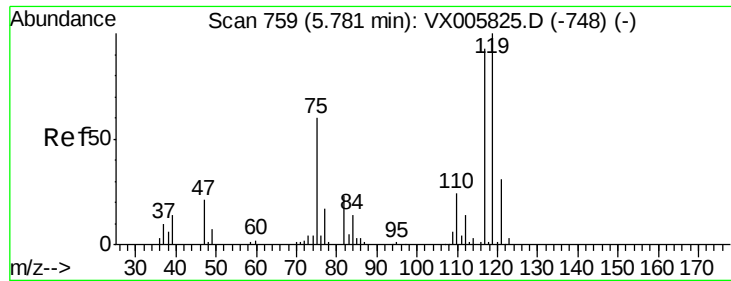
MMDadoda
 11/8/2018 10:35:13 AM



#37
 Ethyl Acetate
 Concen: 0.895 ug/l
 RT: 4.85 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.0	10.8	16.2
70	7.9	7.8	11.8





#38

Carbon Tetrachloride

Concen: 0.983 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:117 Resp: 1868

Ion Ratio Lower Upper

117 100

119 89.2 78.1 117.1

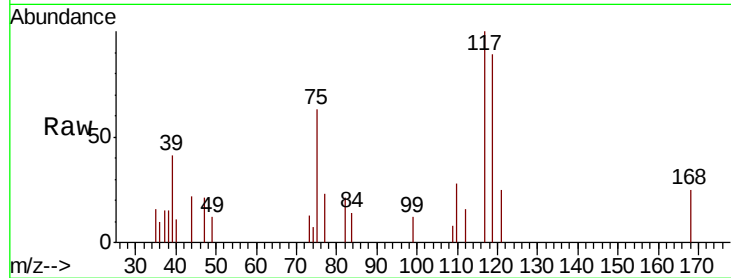
121 24.6 24.6 36.8

Manual Integrations

APPROVED

MMDadoda

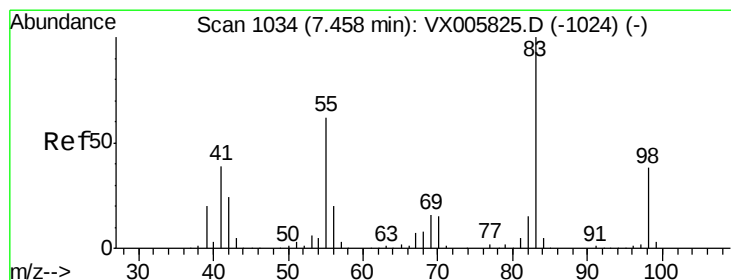
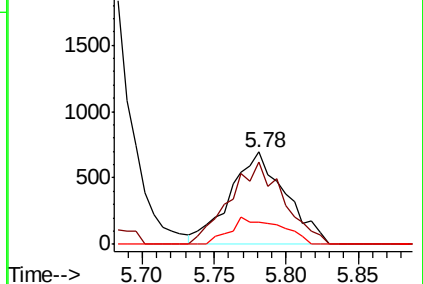
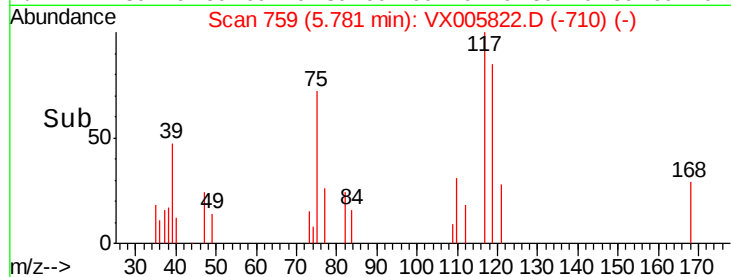
11/8/2018 10:35:13 AM



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.853 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

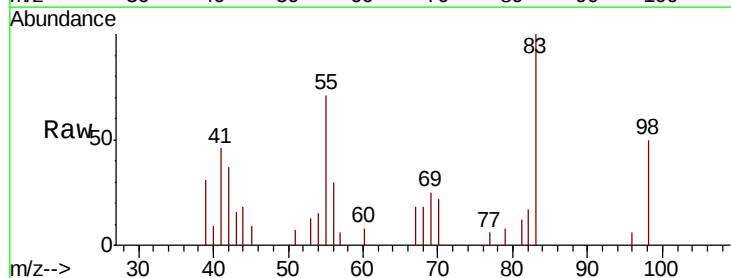
Tgt Ion: 83 Resp: 1872

Ion Ratio Lower Upper

83 100

55 71.3 63.7 95.5

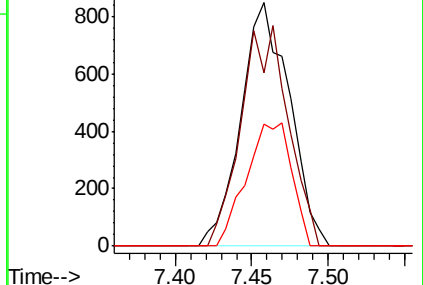
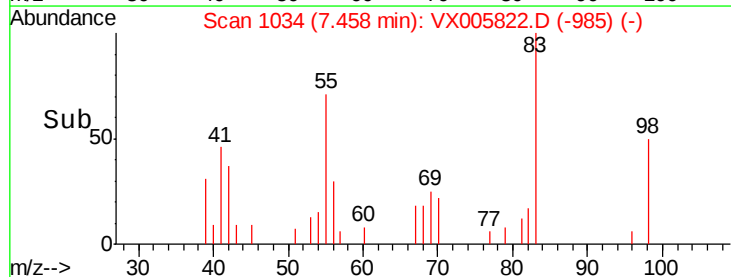
98 49.9 36.2 54.2

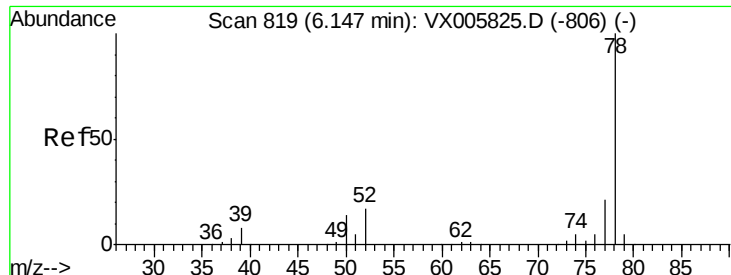


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





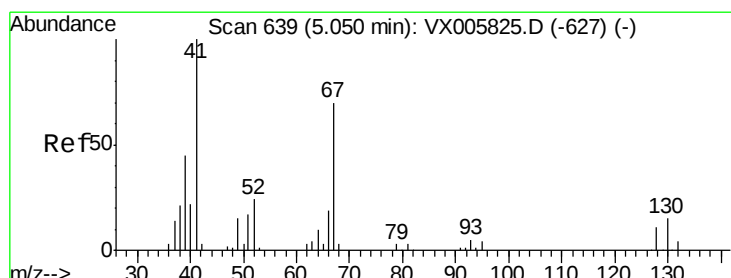
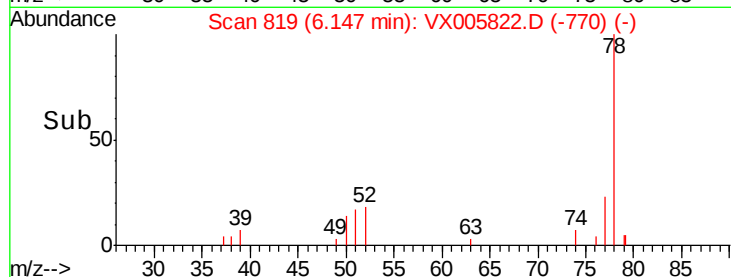
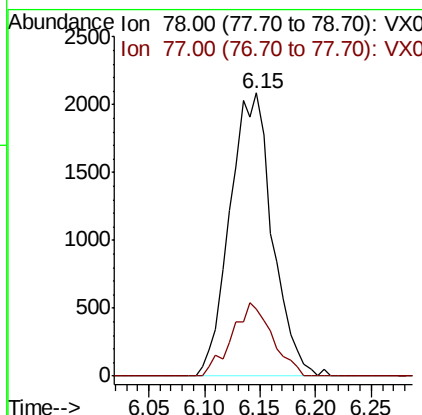
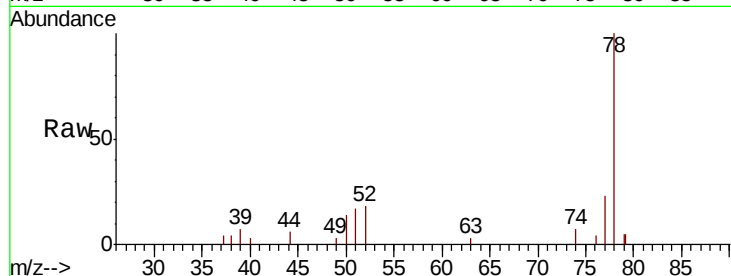
#40
Benzene
Concen: 0.883 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 5528
Ion Ratio Lower Upper
78 100
77 23.5 18.4 27.6

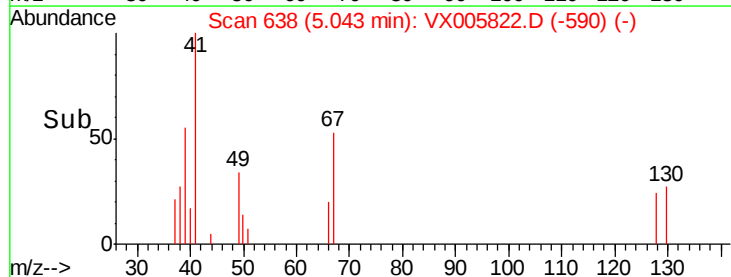
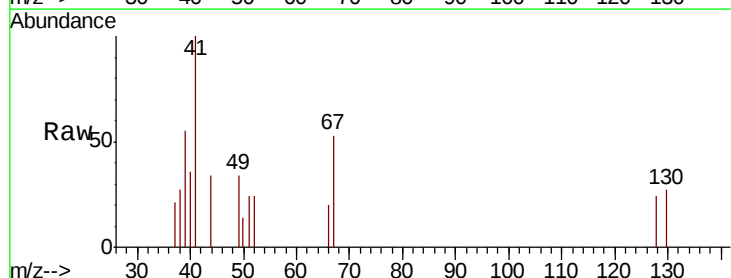
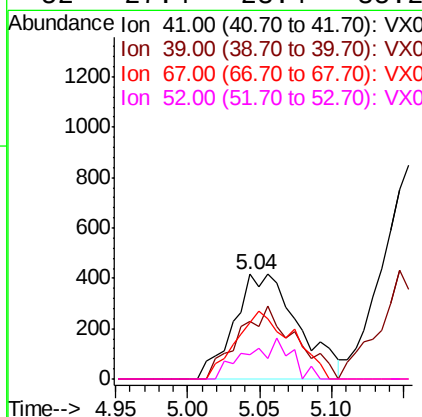
Manual Integrations
APPROVED

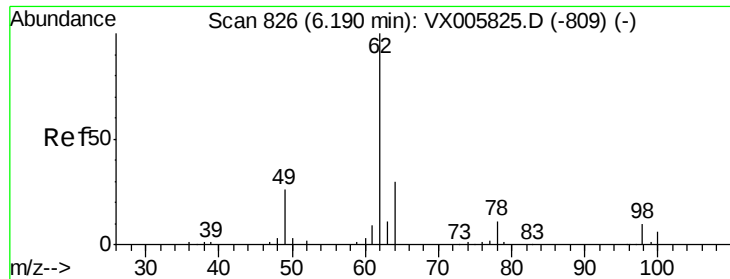
MMDadoda
11/8/2018 10:35:13 AM



#41
Methacrylonitrile
Concen: 0.890 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 41 Resp: 1290
Ion Ratio Lower Upper
41 100
39 61.6 42.2 63.2
67 57.4 53.4 80.0
52 27.4 23.4 35.2





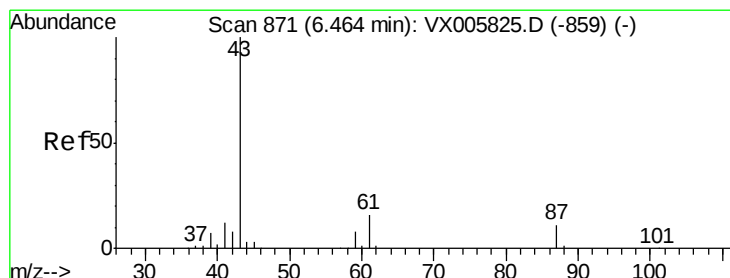
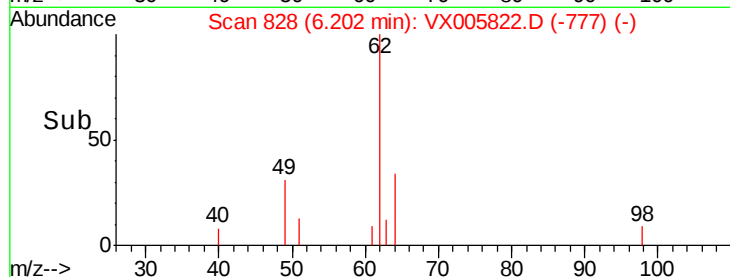
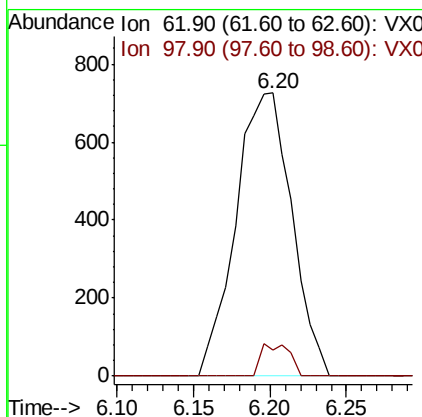
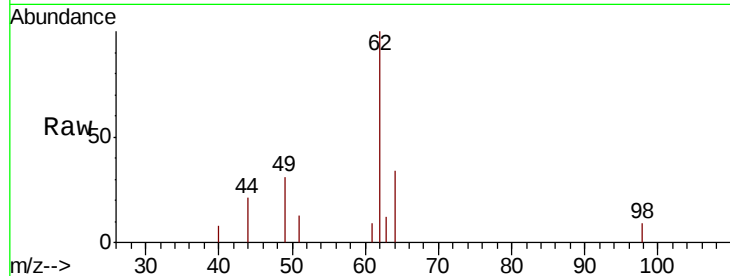
#42
 1,2-Dichloroethane
 Concen: 0.798 ug/l
 RT: 6.20 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	5.7	0.0	17.8

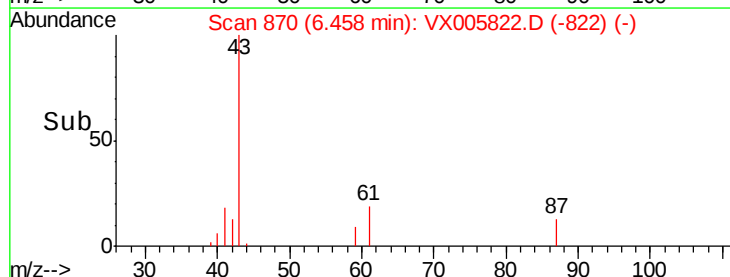
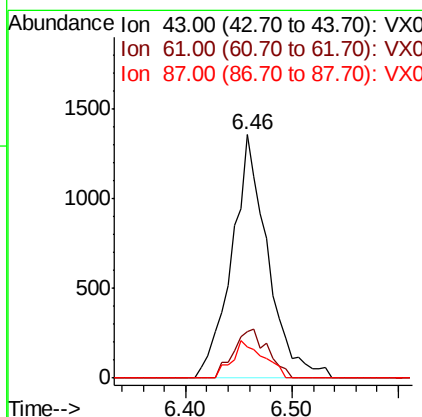
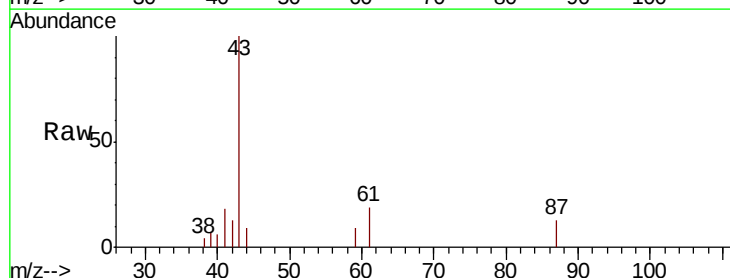
Manual Integrations
 APPROVED

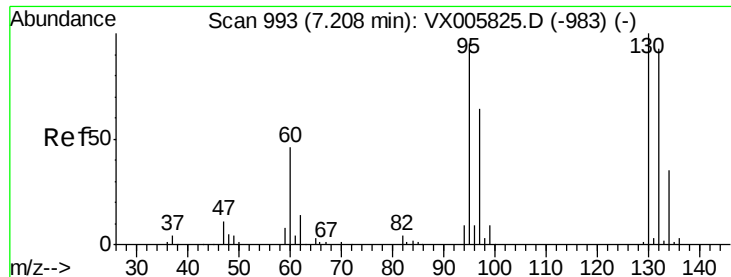
MMDadoda
 11/8/2018 10:35:13 AM



#43
 Isopropyl Acetate
 Concen: 0.822 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.6	22.0
87	13.4	9.6	14.4





#44

Trichloroethene

Concen: 1.082 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:130 Resp: 1566

Ion Ratio Lower Upper

130 100

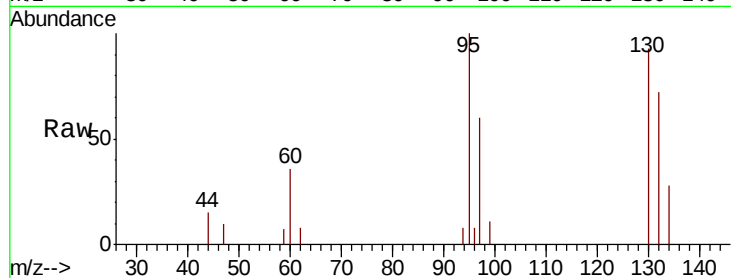
95 107.7 0.0 194.2

Manual Integrations

APPROVED

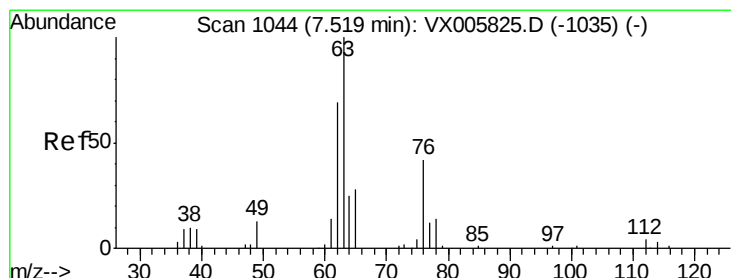
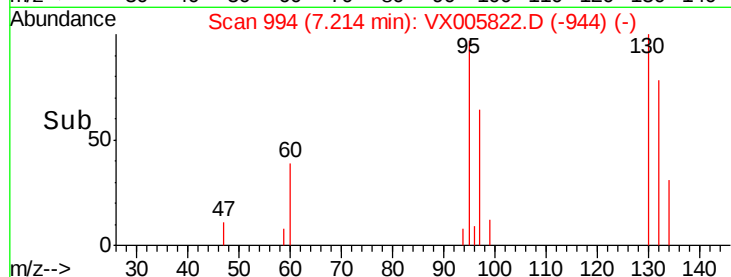
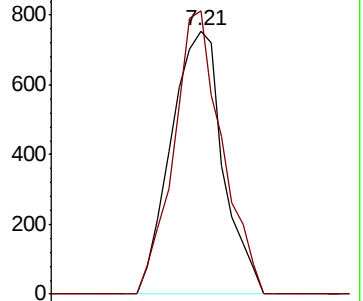
MMDadoda

11/8/2018 10:35:13 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.928 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005822.D

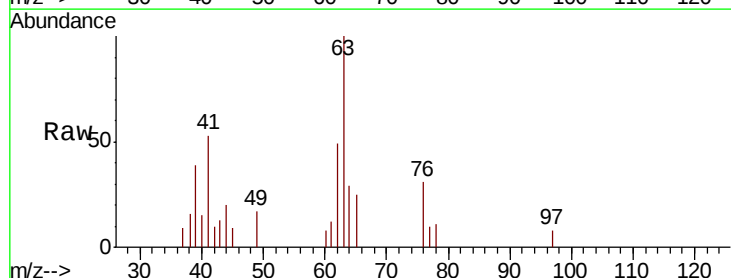
Acq: 07 Nov 2018 12:05

Tgt Ion: 63 Resp: 1488

Ion Ratio Lower Upper

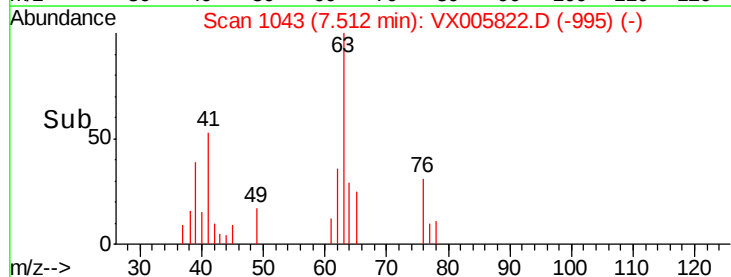
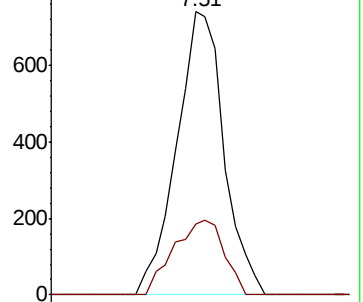
63 100

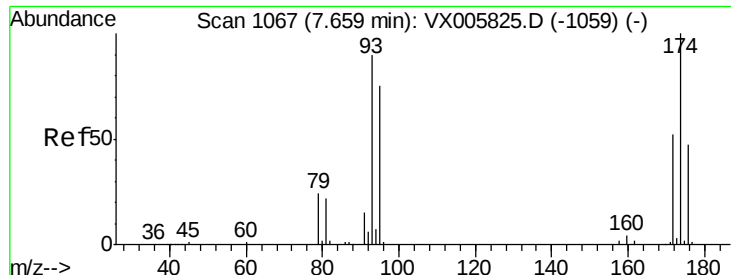
65 25.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





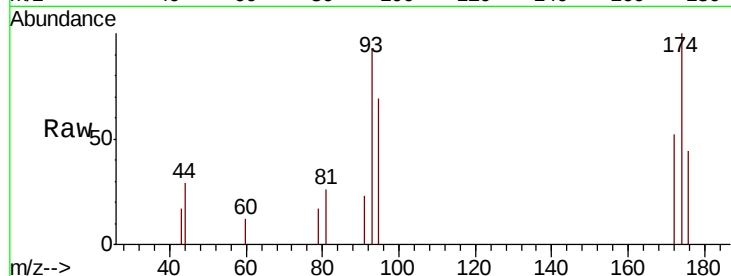
#46
Dibromomethane
Concen: 0.841 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

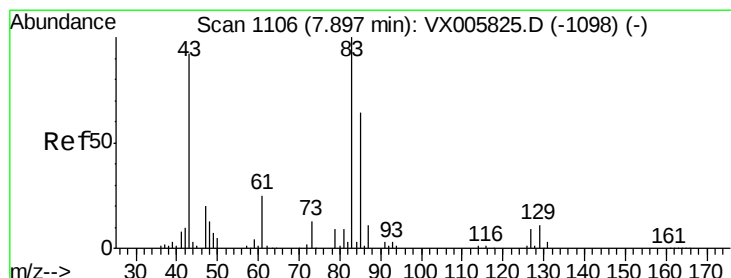
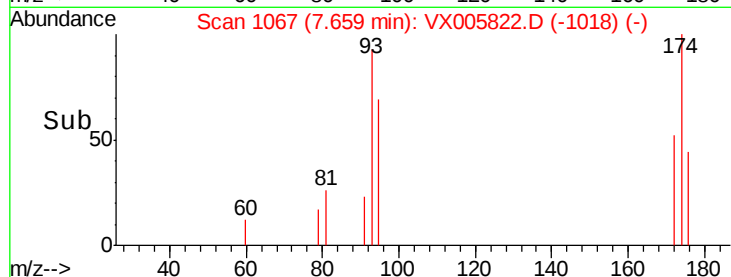
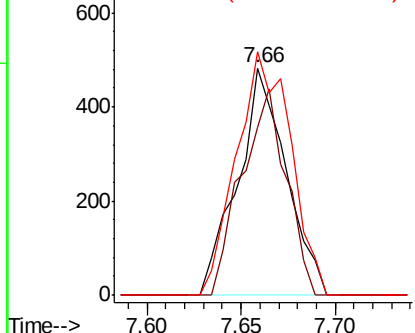
Tot Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.4	101.0
174	119.4	91.5	137.3

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:13 AM



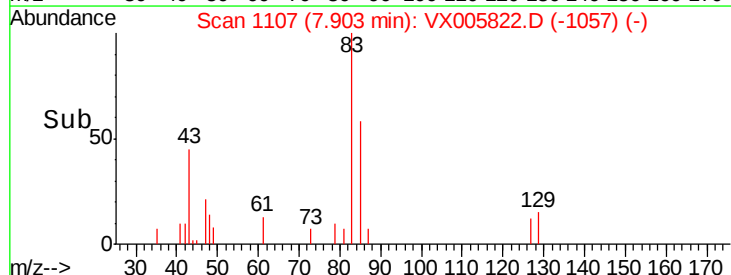
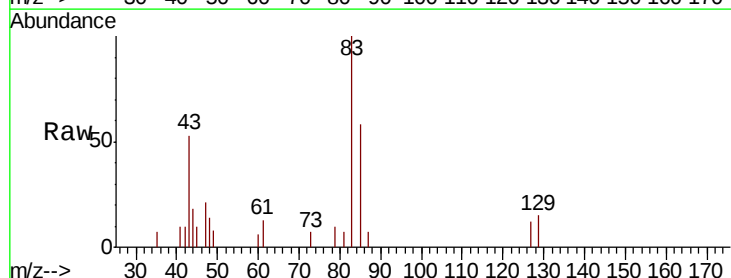
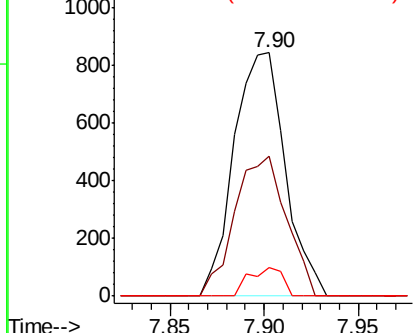
Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

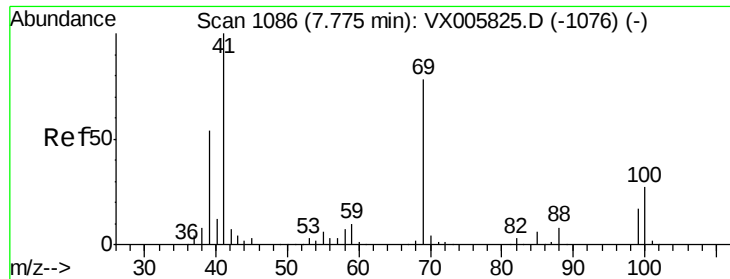


#47
Bromodichloromethane
Concen: 0.831 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.7	50.2	75.4
127	11.7	6.9	10.3#

Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V





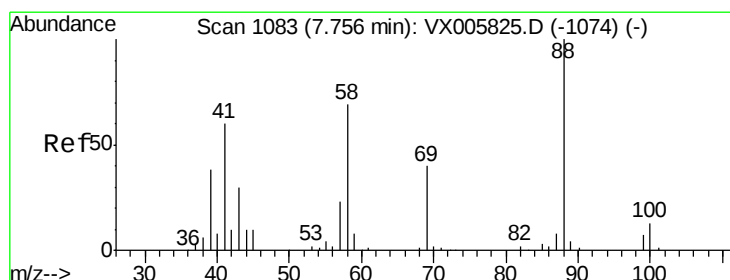
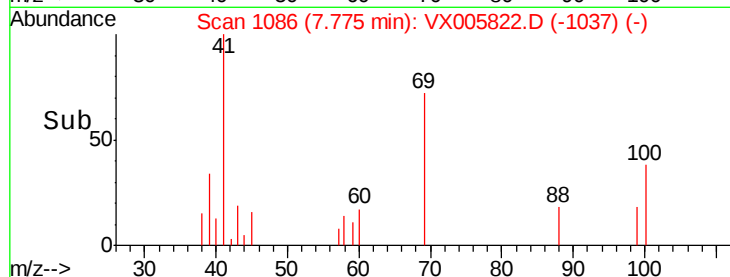
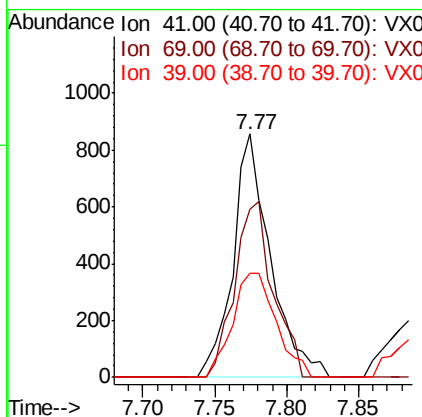
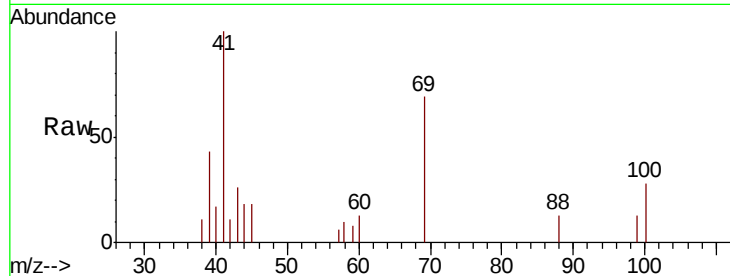
#48
Methvl methacrylate
Concen: 0.824 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	73.6	63.2	94.8
39	49.8	42.2	63.2

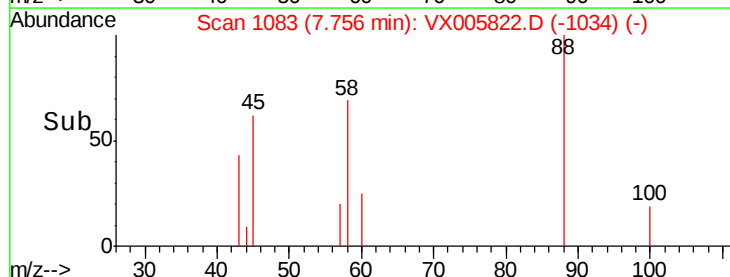
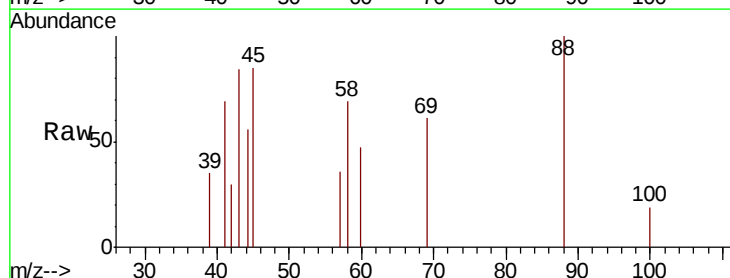
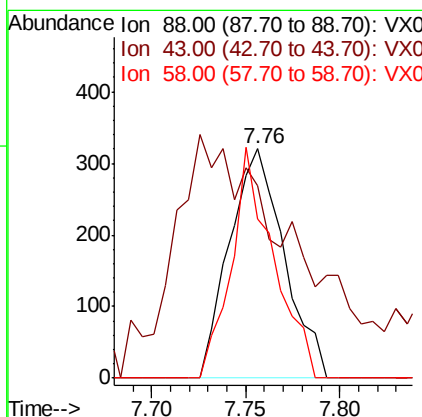
Manual Integrations
APPROVED

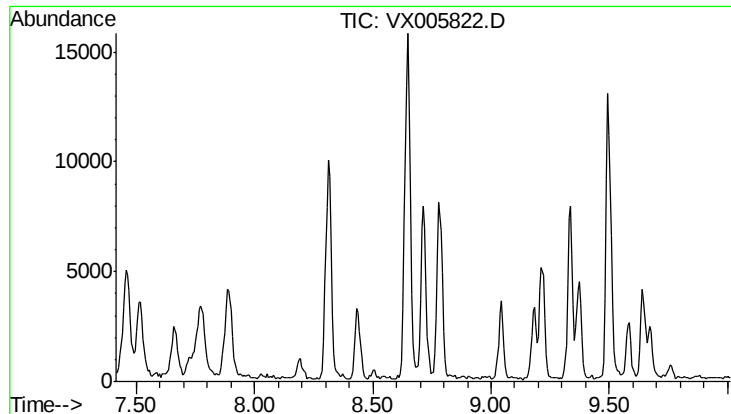
MMDadoda
11/8/2018 10:35:13 AM



#49
1,4-Dioxane
Concen: 15.316 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.4	41.0#
58	77.0	59.4	89.2





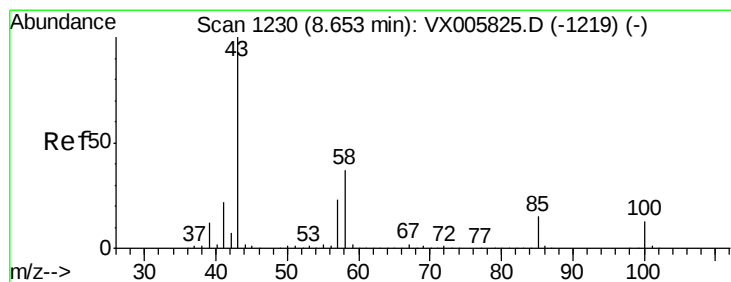
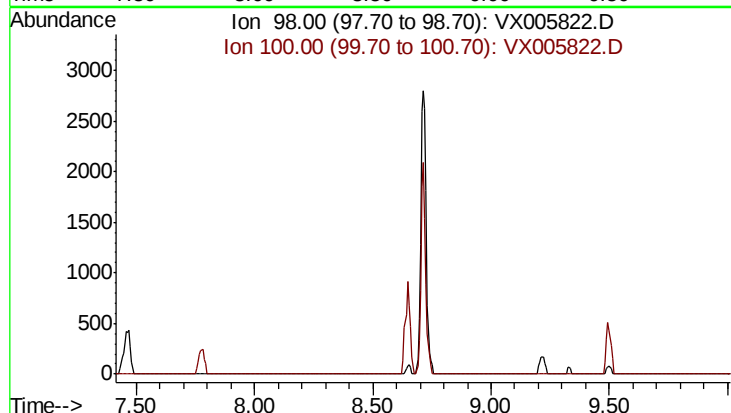
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

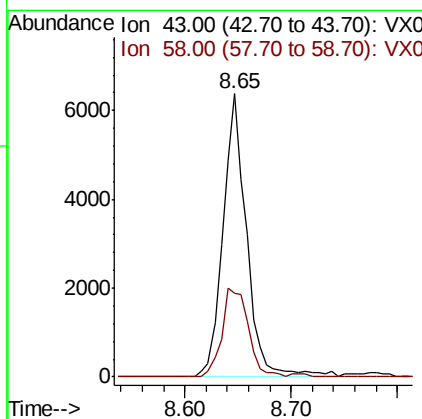
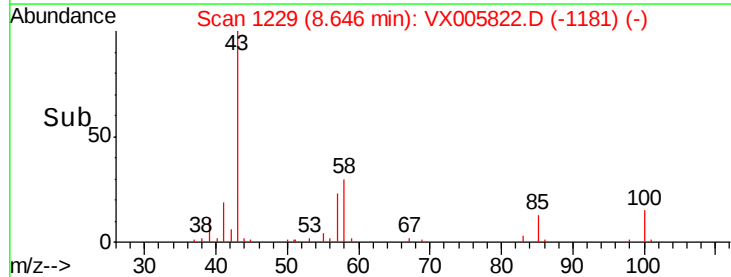
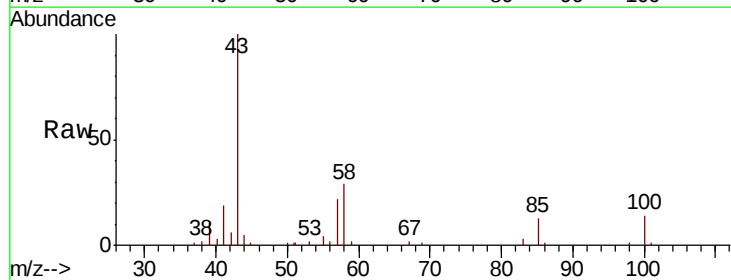
Manual Integrations
APPROVED

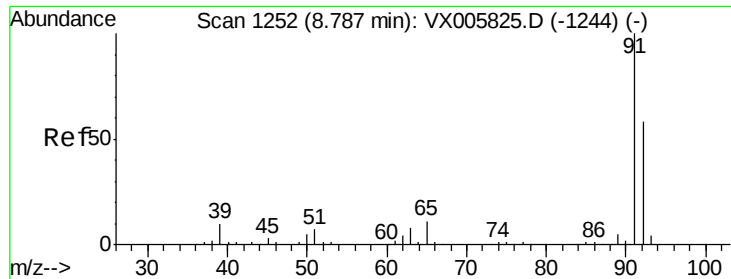
MMDadoda
11/8/2018 10:35:13 AM



#51
4-Methyl-2-Pentanone
Concen: 3.709 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 43 Resp: 9852
Ion Ratio Lower Upper
43 100
58 34.8 29.7 44.5





#52

Toluene

Concen: 0.828 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 2803

Ion Ratio Lower Upper

92 100

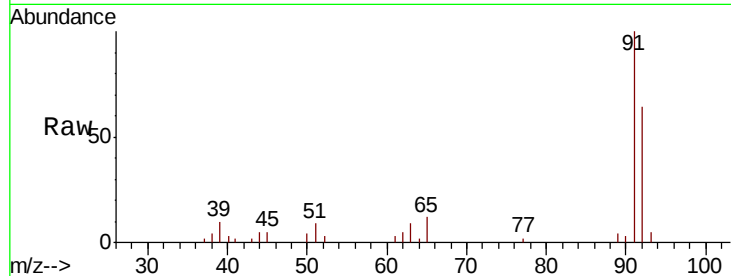
91 183.7 140.4 210.6

Manual Integrations

APPROVED

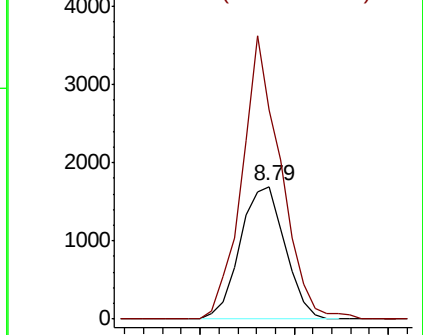
MMDadoda

11/8/2018 10:35:13 AM

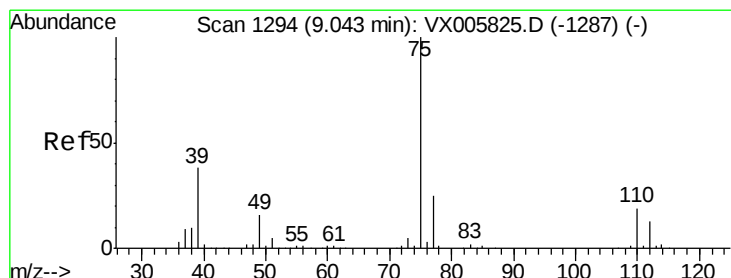
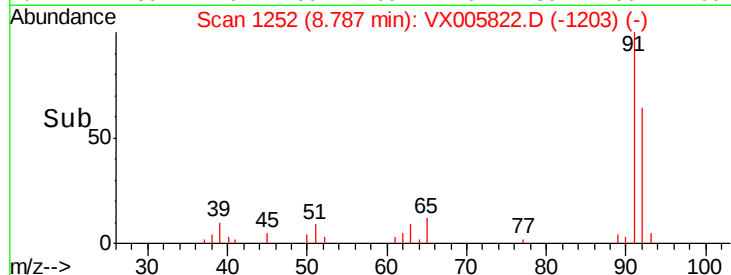


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#53

t-1,3-Dichloropropene

Concen: 0.782 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005822.D

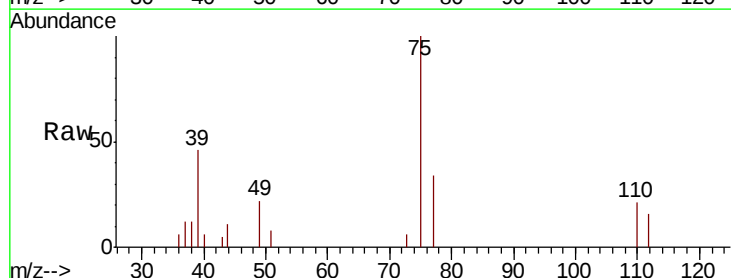
Acq: 07 Nov 2018 12:05

Tgt Ion: 75 Resp: 1630

Ion Ratio Lower Upper

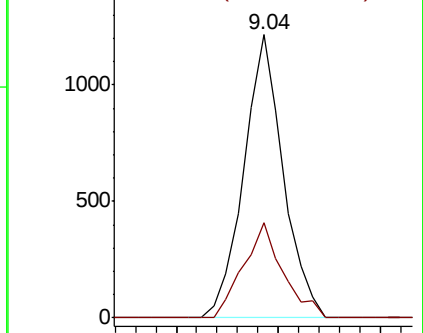
75 100

77 33.8 25.4 38.2

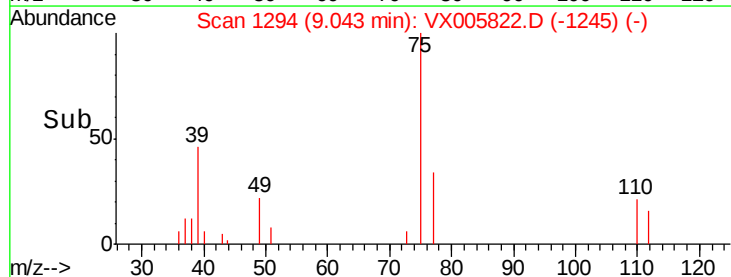


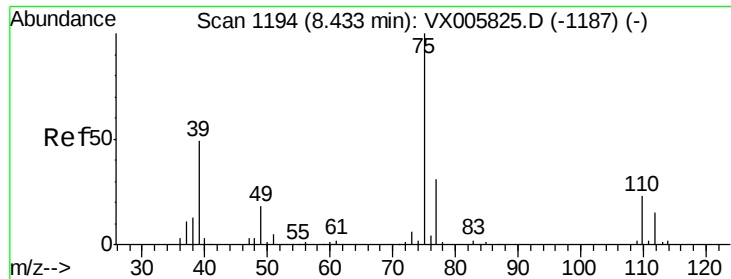
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->





#54

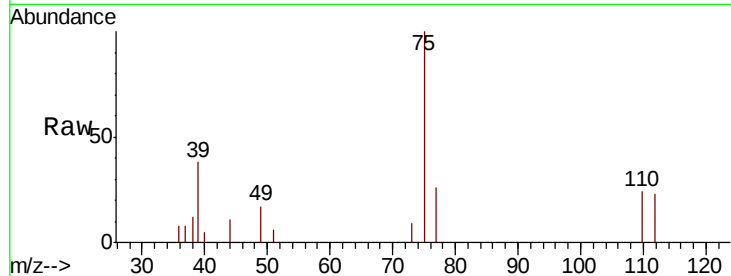
cis-1,3-Dichloropropene
Concen: 0.799 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	75	Resp:	1784
Ion	Ratio	Lower	Upper
75	100		
77	26.2	25.2	37.8
39	38.4	38.2	57.2

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:13 AM

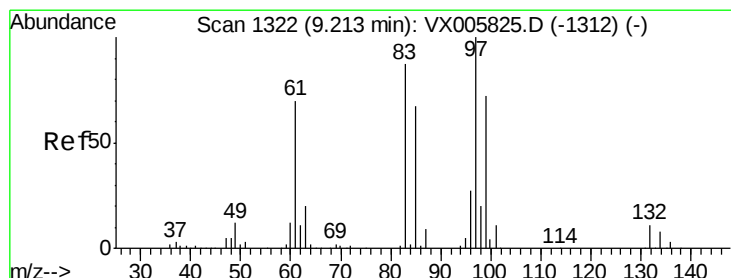
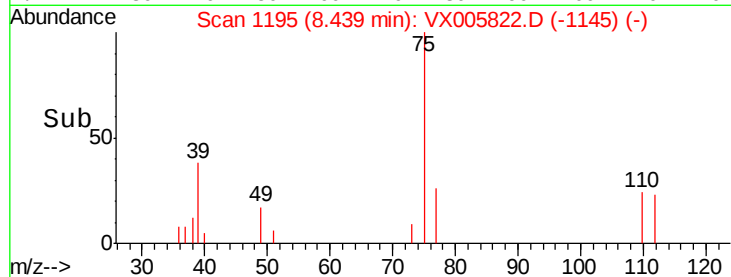
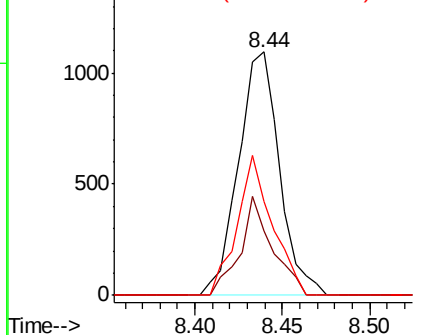


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#55

1,1,2-Trichloroethane
Concen: 0.940 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion:	97	Resp:	1382
Ion	Ratio	Lower	Upper
97	100		
83	92.2	70.7	106.1
85	53.4	45.8	68.6
99	61.3	51.8	77.8

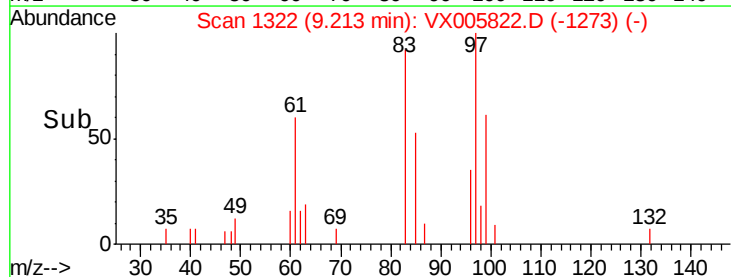
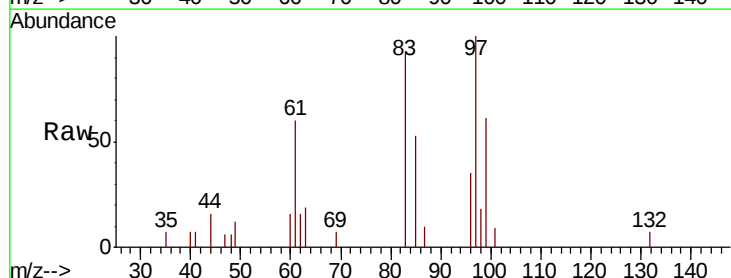
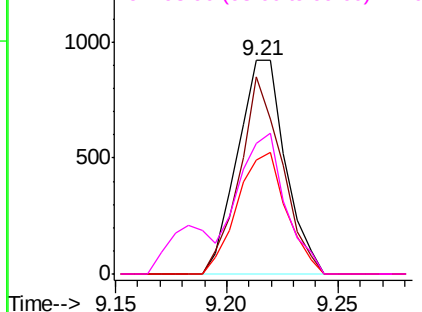
Abundance

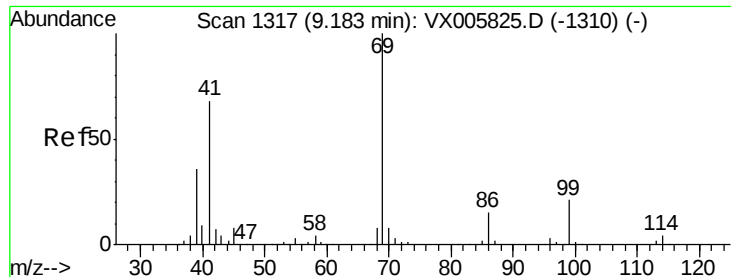
Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.733 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

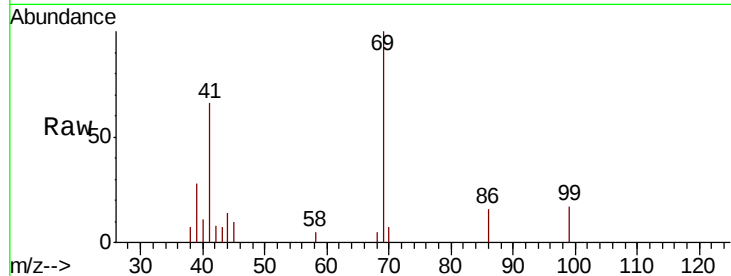
ClientSampleId :

VSTDIC001

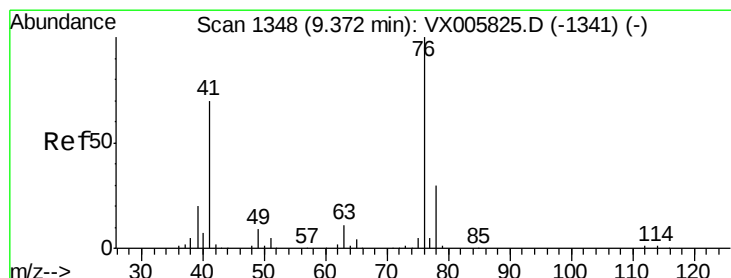
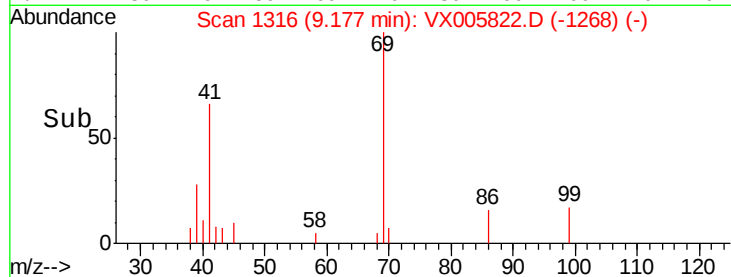
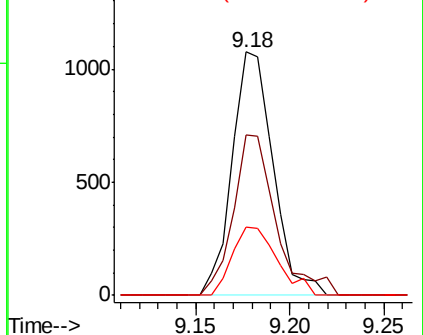
Tot Ion:	69	Resp:	1629
Ion	Ratio	Lower	Upper
69	100		
41	68.4	57.0	85.6
39	30.6	28.3	42.5

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:13 AM



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 0.820 ug/l

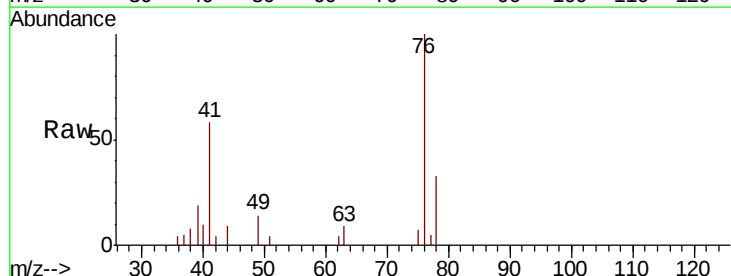
RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

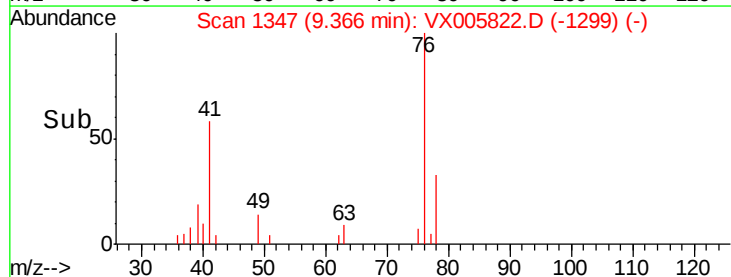
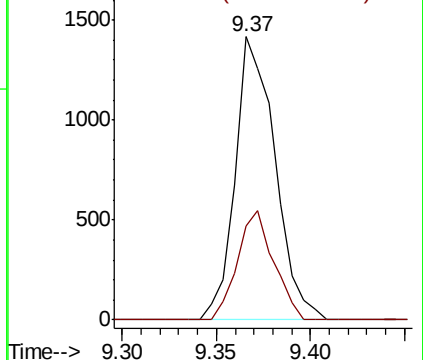
Lab File: VX005822.D

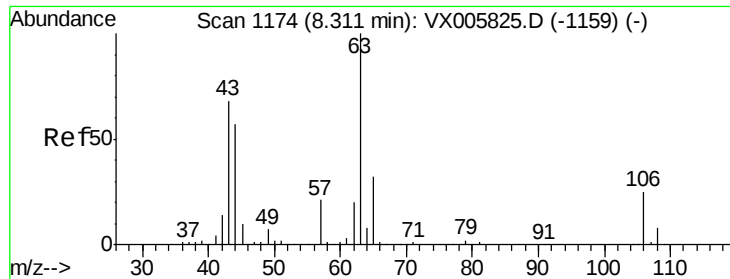
Acq: 07 Nov 2018 12:05

Tgt Ion:	76	Resp:	2072
Ion	Ratio	Lower	Upper
76	100		
78	34.8	25.3	37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0





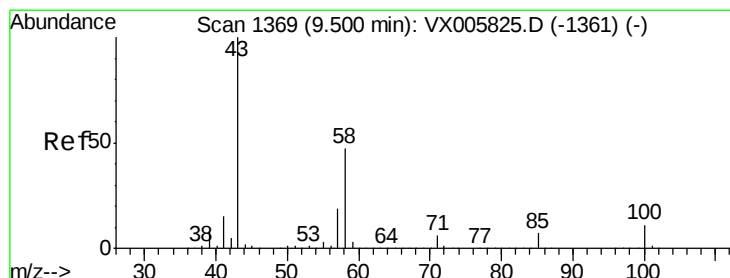
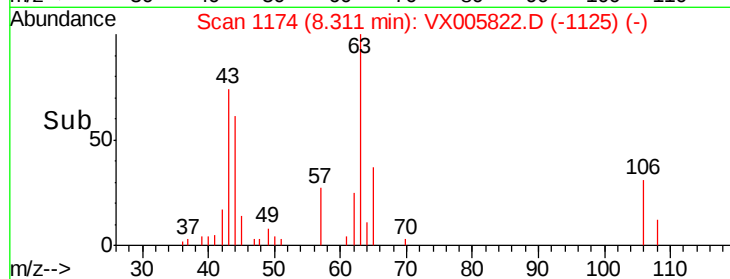
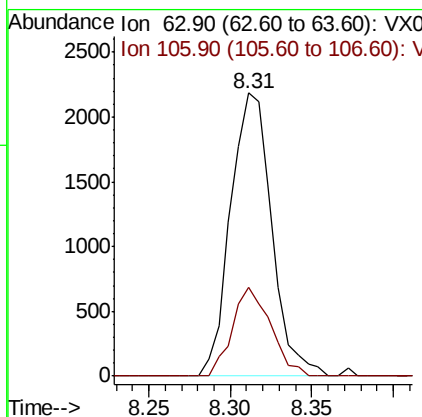
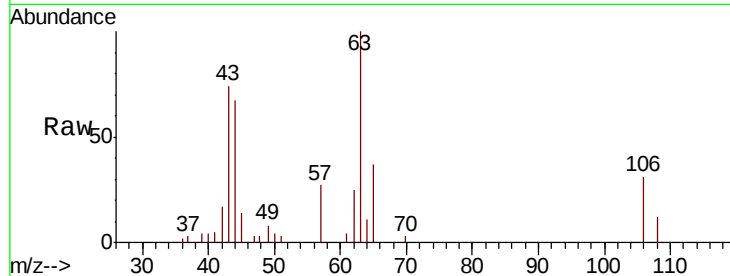
#58
2-Chloroethyl Vinyl ether
Concen: 3.066 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 3849
Ion Ratio Lower Upper
63 100
106 29.0 21.3 31.9

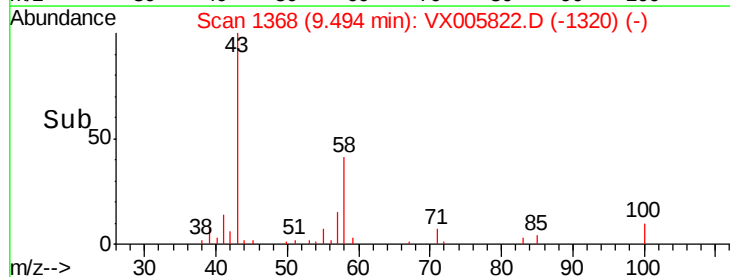
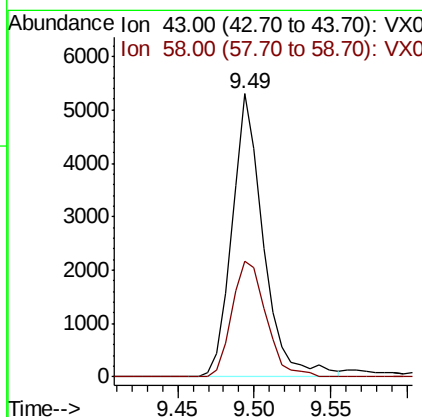
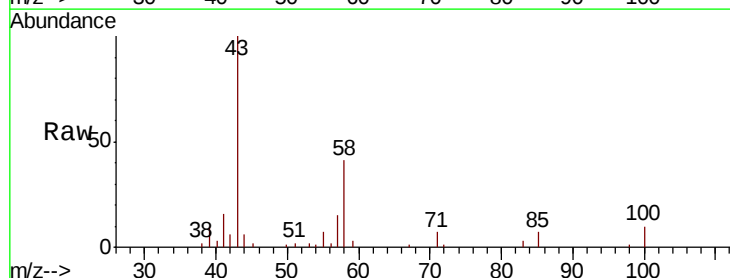
Manual Integrations
APPROVED

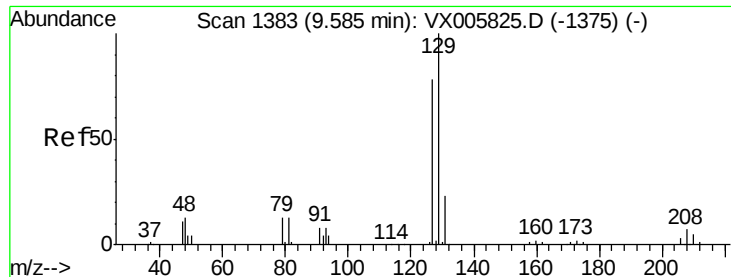
MMDadoda
11/8/2018 10:35:13 AM



#59
2-Hexanone
Concen: 3.480 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 43 Resp: 7522
Ion Ratio Lower Upper
43 100
58 44.5 25.9 77.8





#60

Dibromochloromethane

Concen: 0.831 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 1180

Ion Ratio Lower Upper

129 100

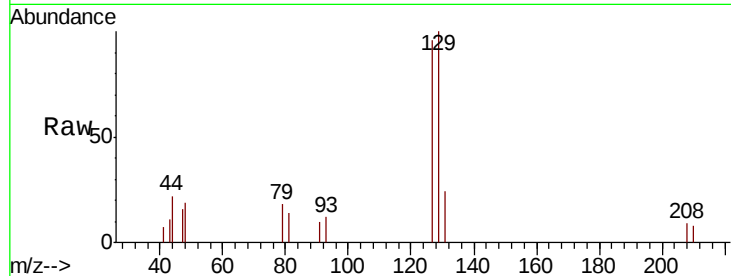
127 82.0 38.9 116.7

Manual Integrations

APPROVED

MMDadoda

11/8/2018 10:35:13 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

800

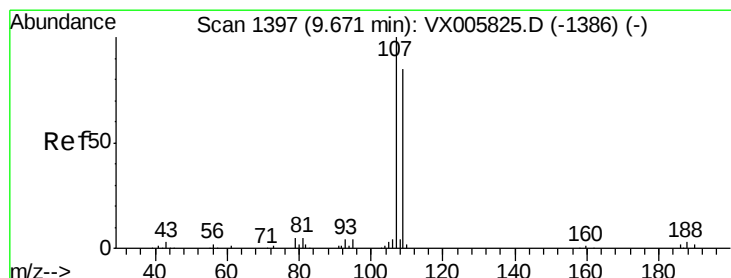
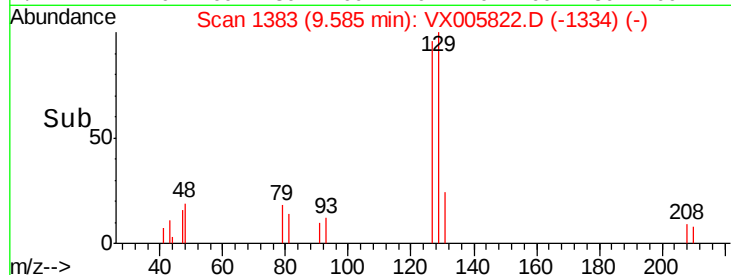
600

400

200

0

Time-->



#61

1,2-Dibromoethane

Concen: 0.921 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005822.D

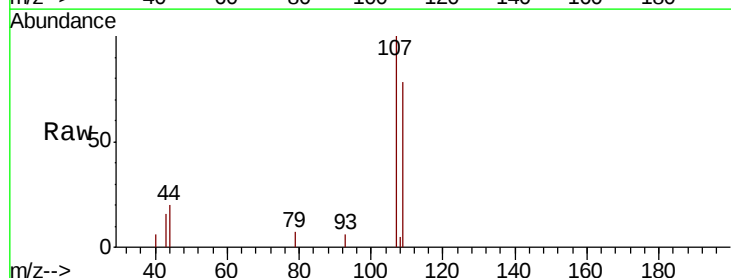
Acq: 07 Nov 2018 12:05

Tgt Ion:107 Resp: 1379

Ion Ratio Lower Upper

107 100

109 94.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

1000

800

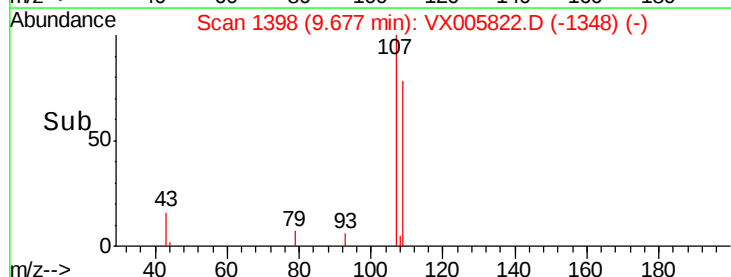
600

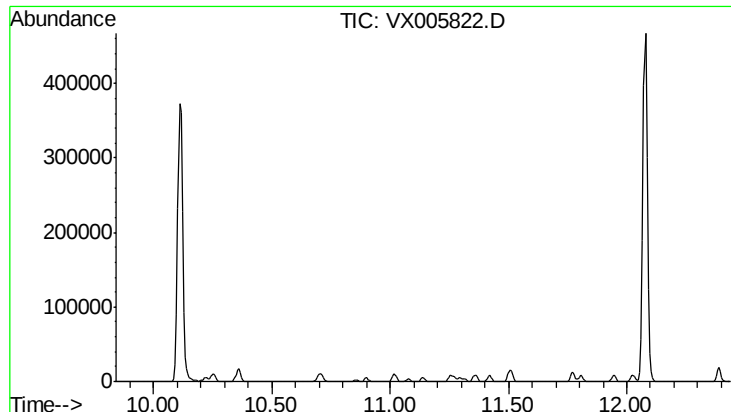
400

200

0

Time-->





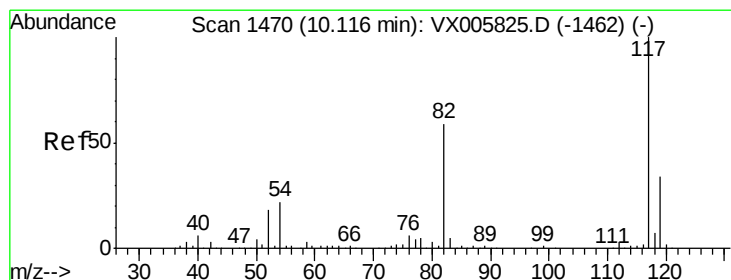
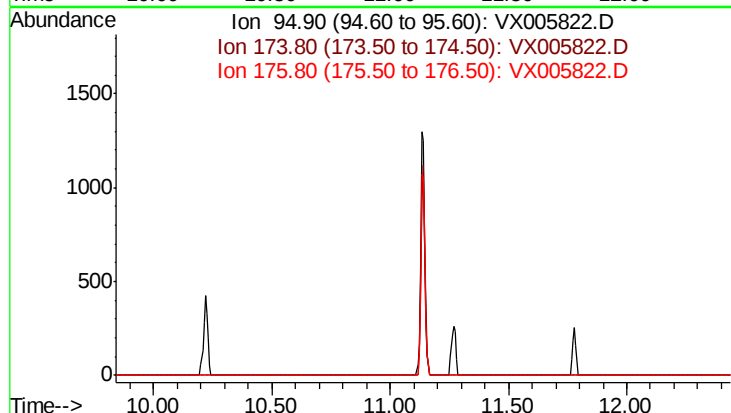
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.14 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	92.2
176	88.7

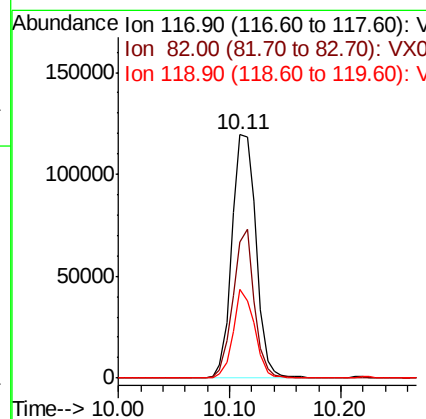
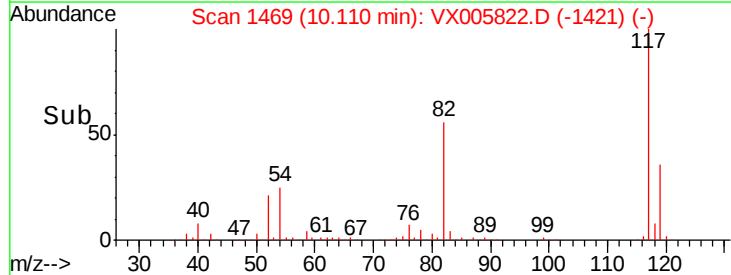
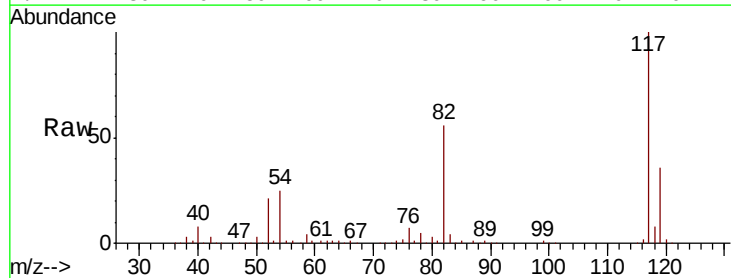
Manual Integrations
 APPROVED

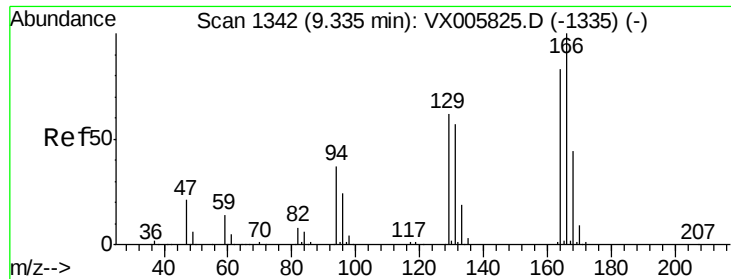
MMDadoda
 11/8/2018 10:35:13 AM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion	117	Resp	179504
Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.1	66.1
119	36.4	26.2	39.2





#64

Tetrachloroethene

Concen: 1.257 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 1648

Ion Ratio Lower Upper

164 100

166 140.4 101.9 152.9

129 97.5 72.6 109.0

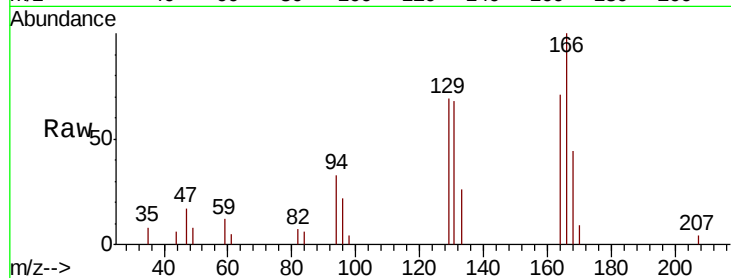
131 96.1 71.1 106.7

Manual Integrations

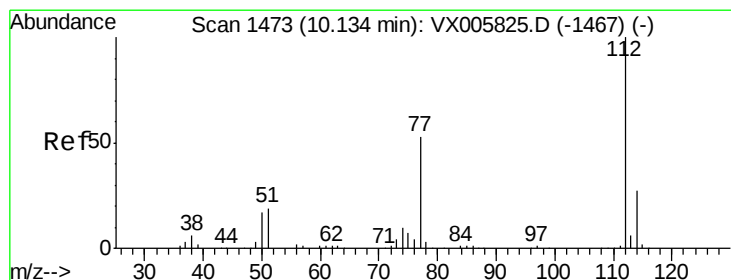
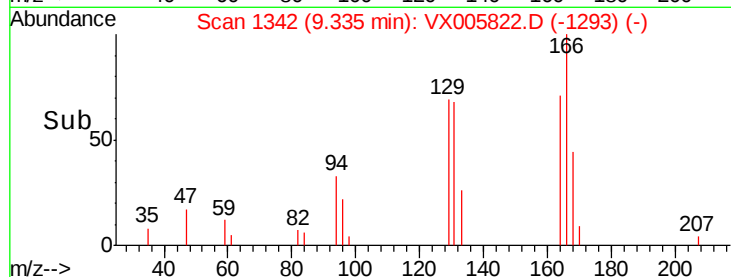
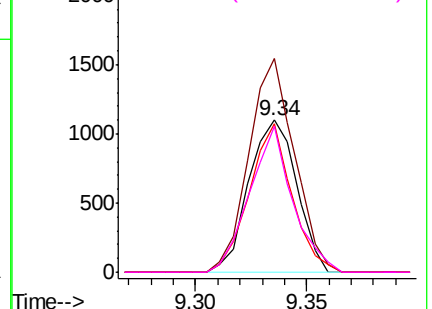
APPROVED

MMDadoda

11/8/2018 10:35:13 AM



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.951 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX005822.D

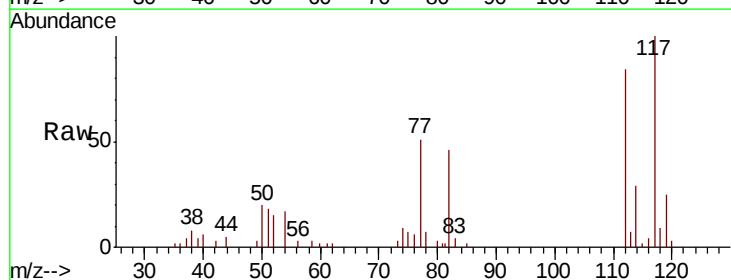
Acq: 07 Nov 2018 12:05

Tgt Ion:112 Resp: 3628

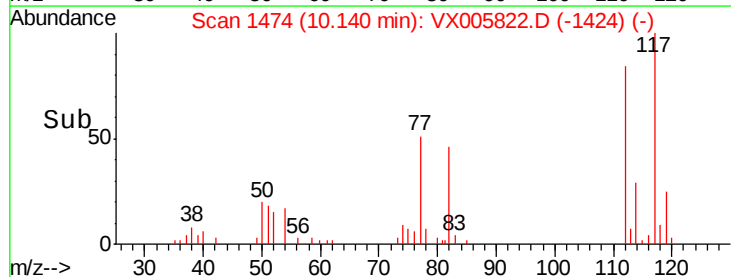
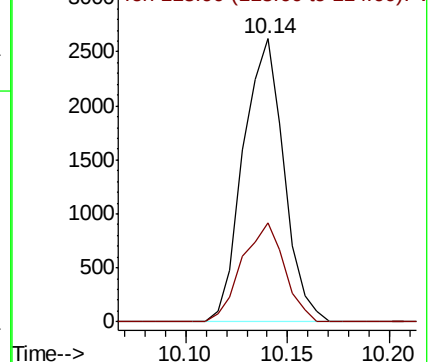
Ion Ratio Lower Upper

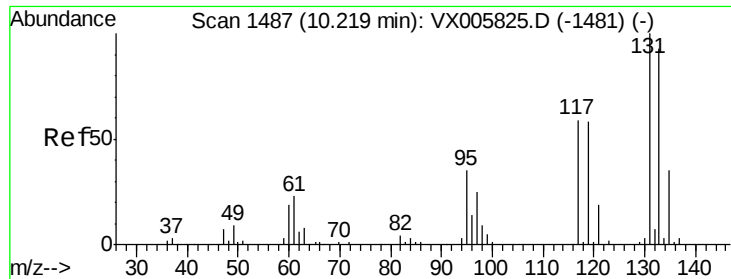
112 100

114 35.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





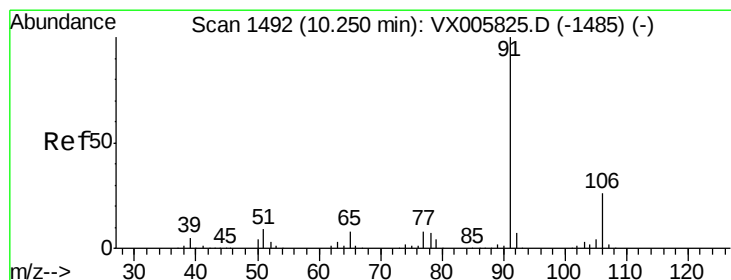
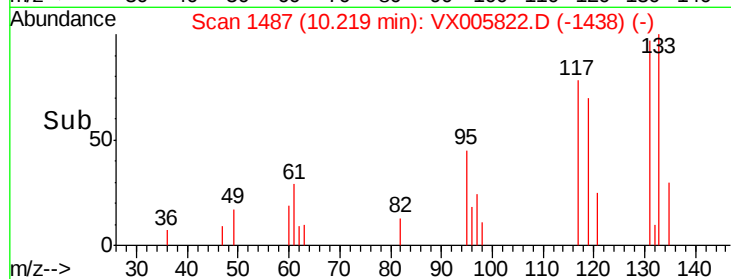
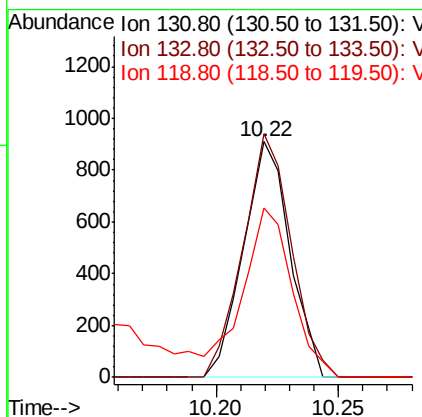
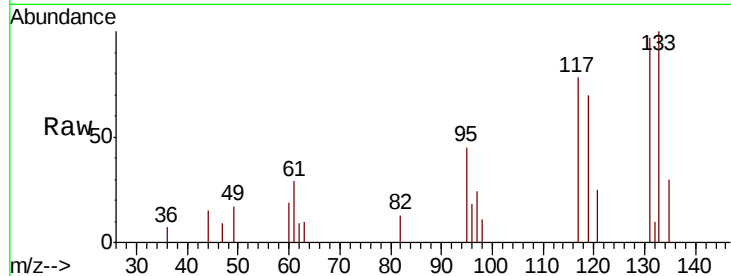
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.917 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	107.3	47.5	142.5
119	0.0	31.8	95.3#

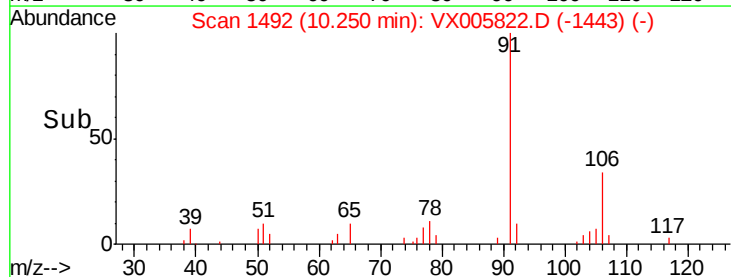
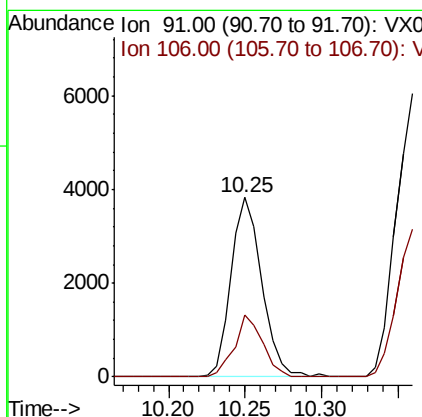
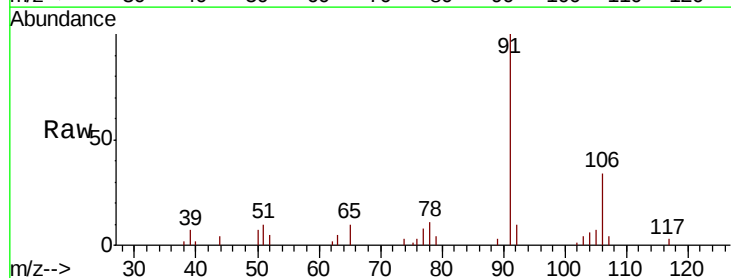
Manual Integrations
 APPROVED

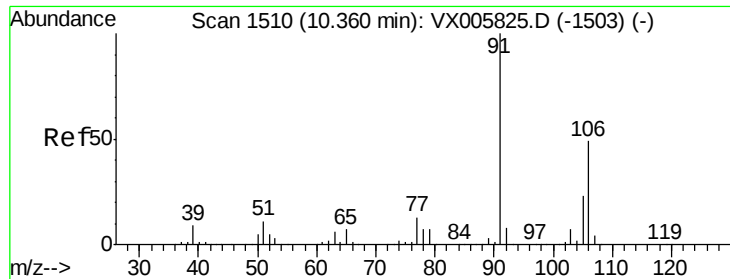
MMDadoda
 11/8/2018 10:35:13 AM



#67
 Ethyl Benzene
 Concen: 0.819 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
91	100		
106	34.3	24.4	36.6





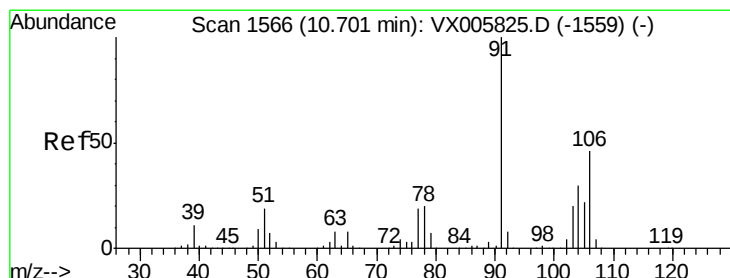
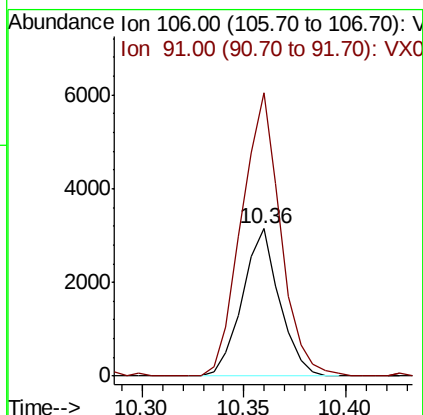
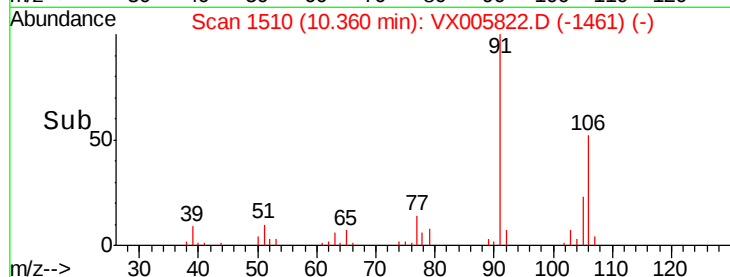
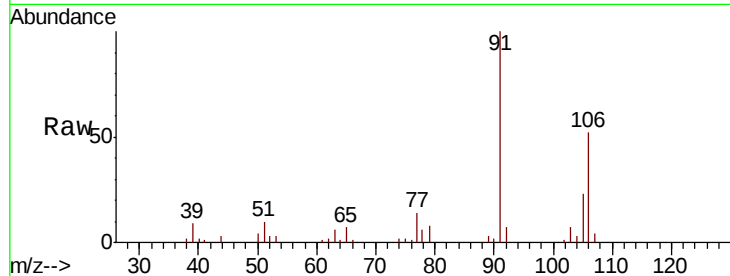
#68
m/p-Xylenes
Concen: 1.651 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	201.1	164.2	246.4	

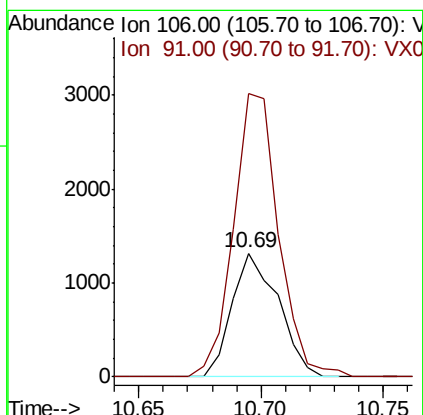
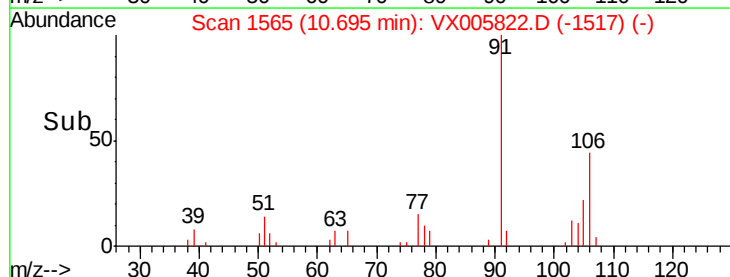
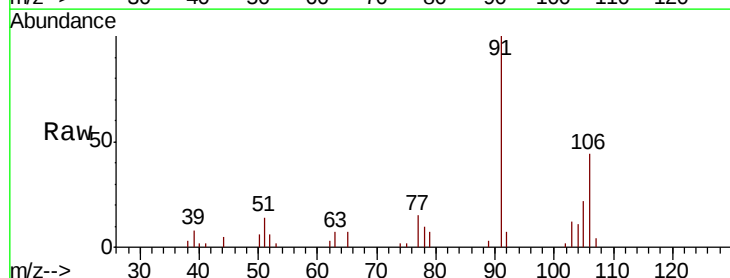
Manual Integrations
APPROVED

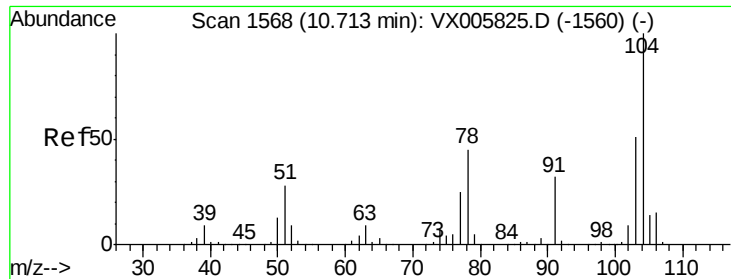
MMDadoda
11/8/2018 10:35:13 AM



#69
o-Xylene
Concen: 0.752 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	222.4	108.5	325.5	





#70

Stvrene

Concen: 0.730 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

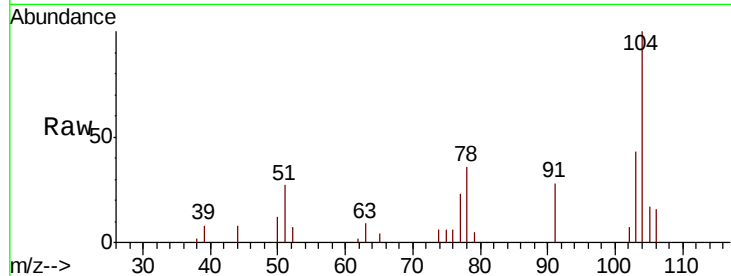
ClientSampleId :

VSTDIC001

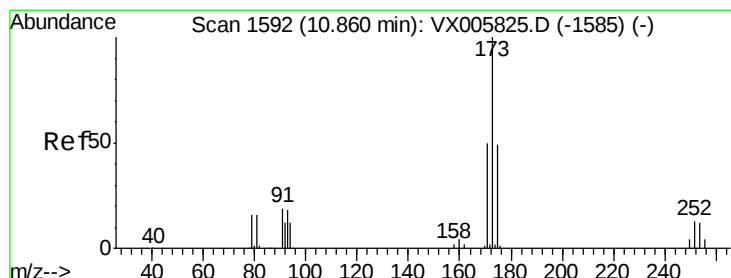
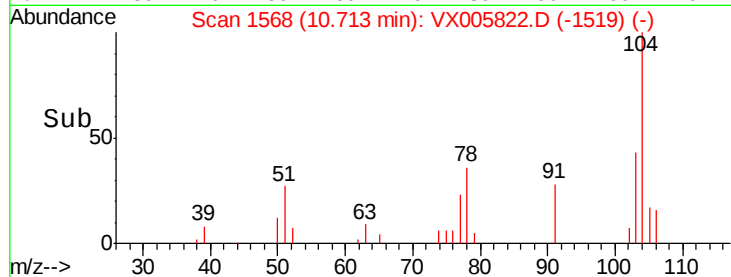
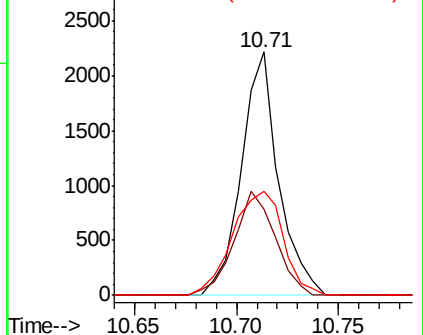
Tot Ion:	104	Resp:	2806
Ion	Ratio	Lower	Upper
104	100		
78	47.3	40.2	60.4
103	58.2	44.9	67.3

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:13 AM



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



#71

Bromoform

Concen: 0.888 ug/l

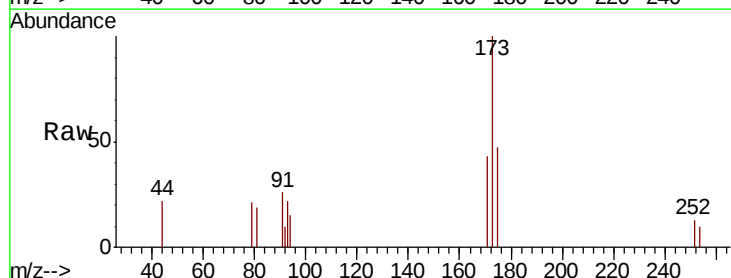
RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

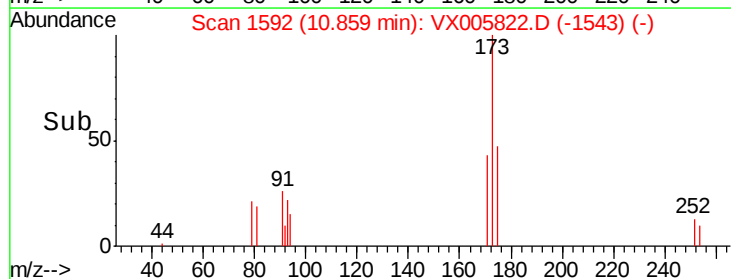
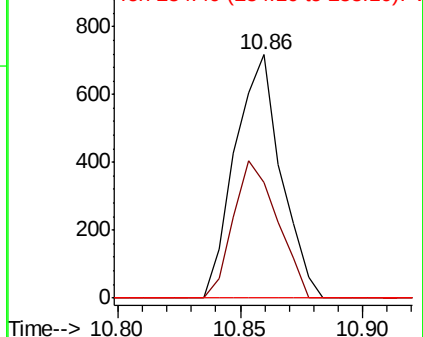
Lab File: VX005822.D

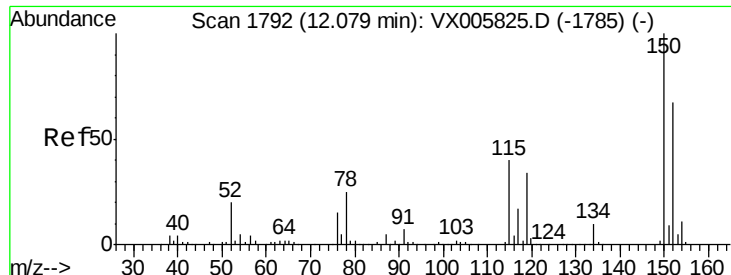
Acq: 07 Nov 2018 12:05

Tgt Ion:	173	Resp:	940
Ion	Ratio	Lower	Upper
173	100		
175	53.8	24.8	74.3
254	0.0	0.2	0.2#



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: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 97524

Ion Ratio Lower Upper

152 100

115 56.3 39.4 118.1

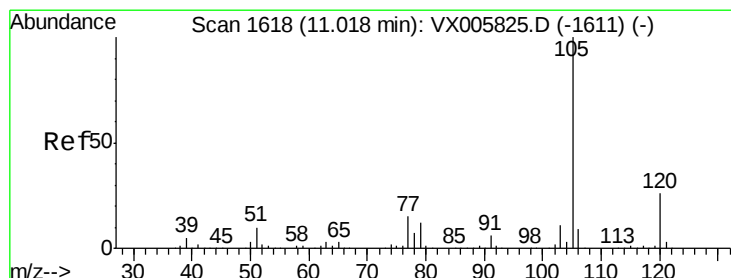
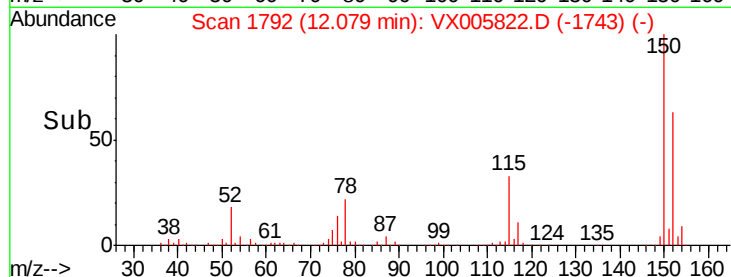
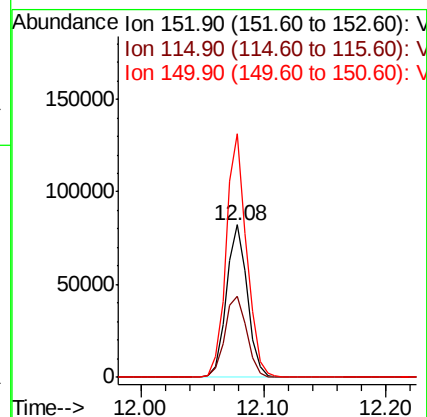
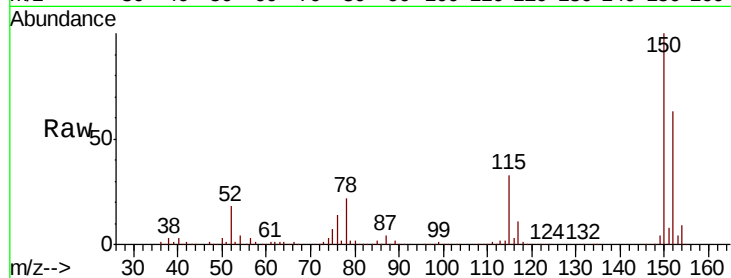
150 156.1 0.0 346.4

Manual Integrations

APPROVED

MMDadoda

11/8/2018 10:35:13 AM



#73

Isopropylbenzene

Concen: 0.688 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005822.D

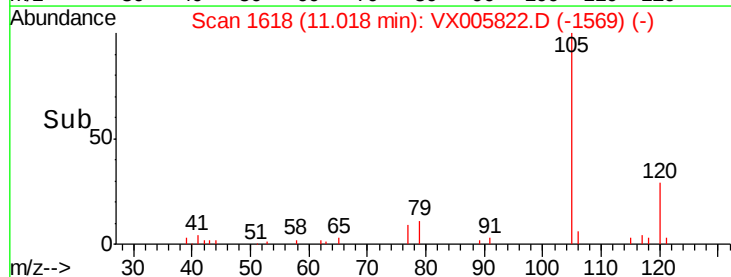
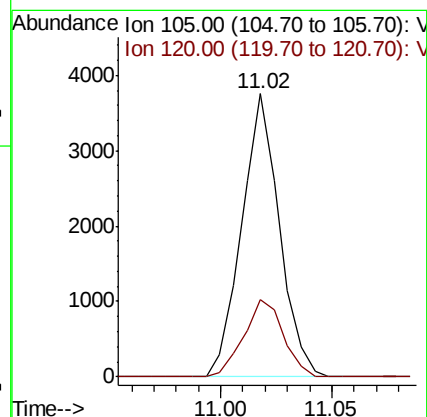
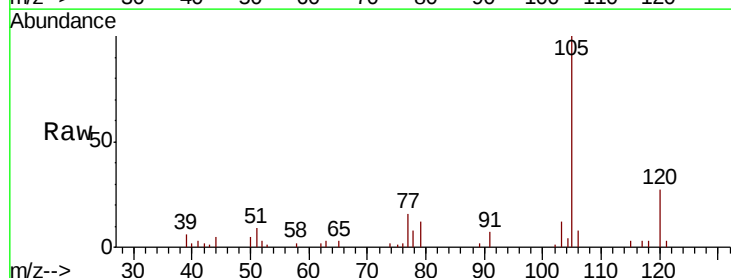
Acq: 07 Nov 2018 12:05

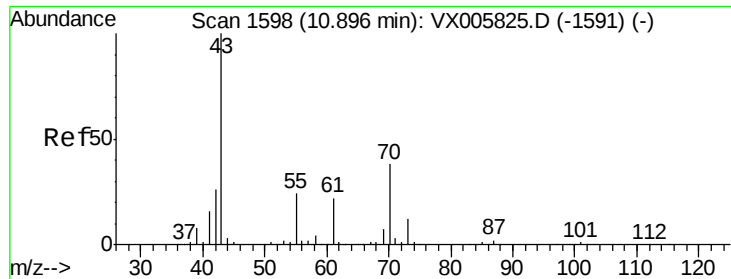
Tgt Ion:105 Resp: 4427

Ion Ratio Lower Upper

105 100

120 28.4 13.1 39.3





#74

N-amvl acetate

Concen: 0.596 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 2041

Ion Ratio Lower Upper

43 100

70 37.8 31.6 47.4

55 28.7 19.7 29.5

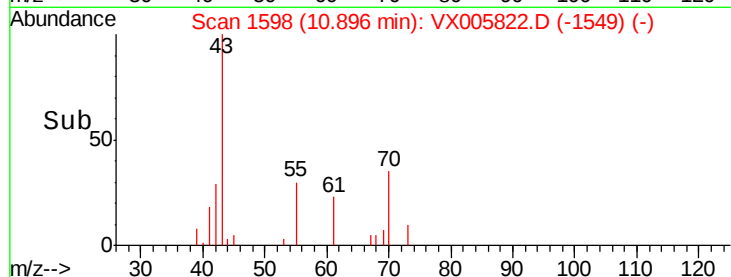
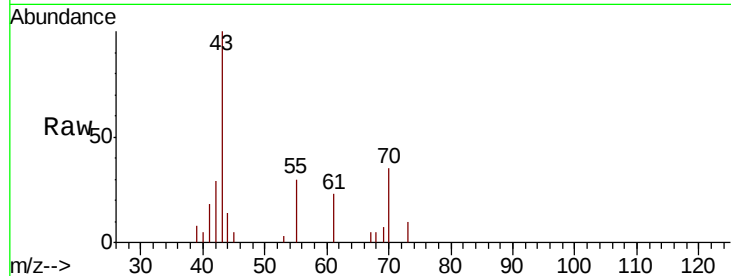
61 20.0 18.3 27.5

Manual Integrations

APPROVED

MMDadoda

11/8/2018 10:35:13 AM

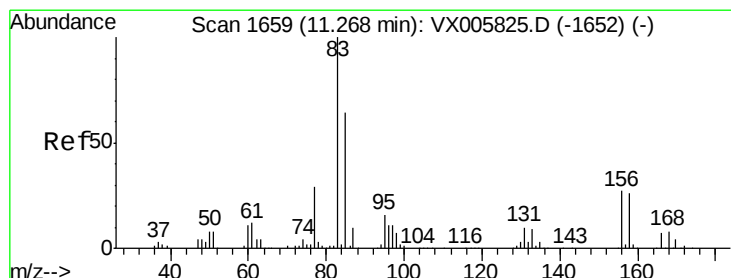
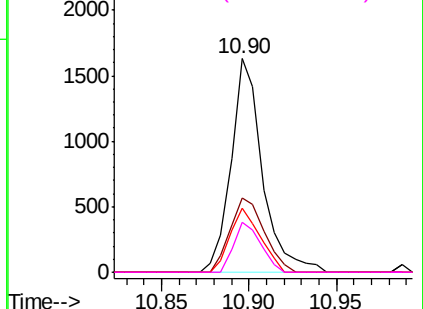


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.752 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

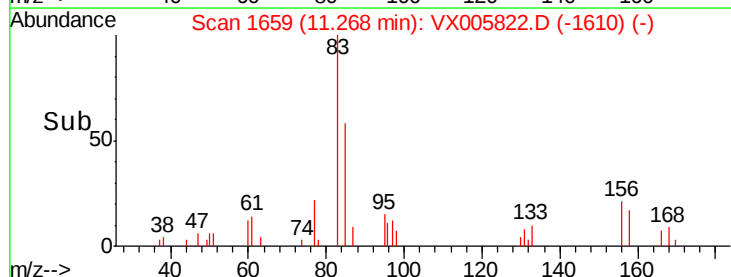
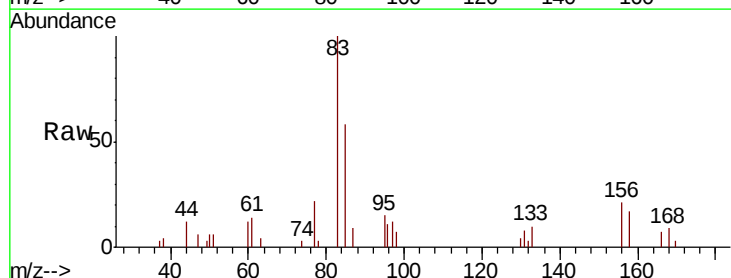
Tgt Ion: 83 Resp: 2007

Ion Ratio Lower Upper

83 100

131 9.8 5.3 15.9

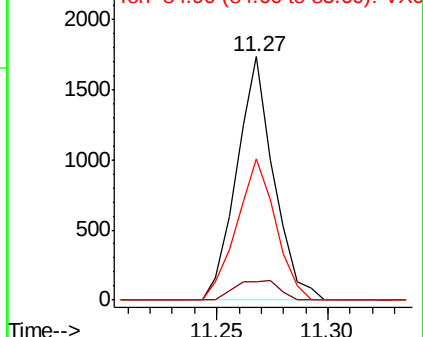
85 61.2 32.0 96.2

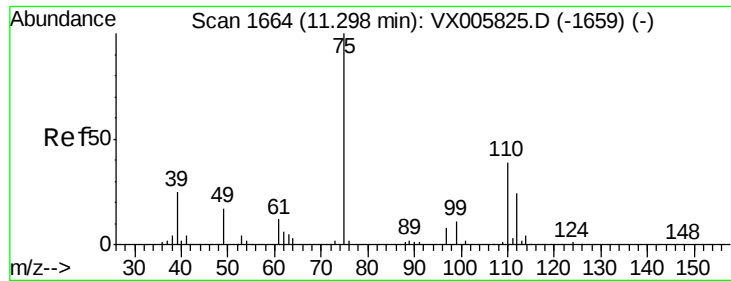


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





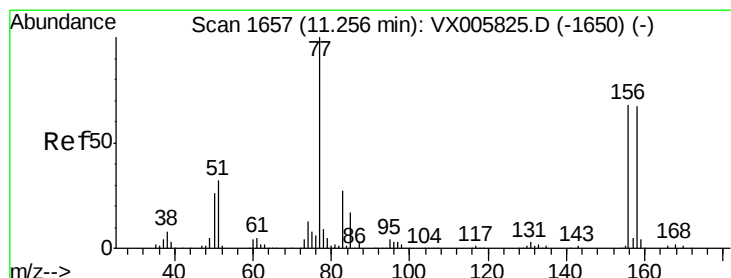
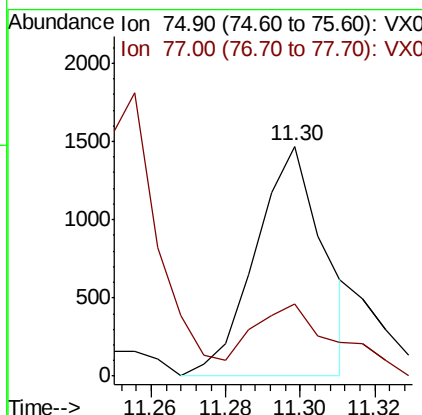
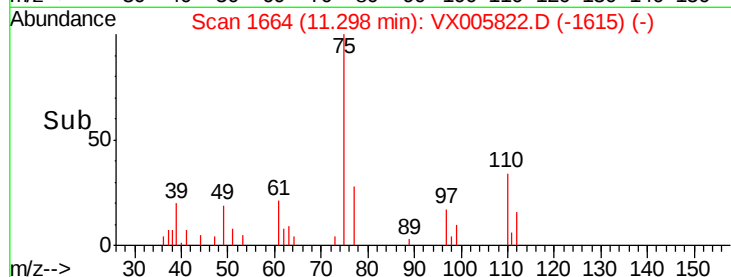
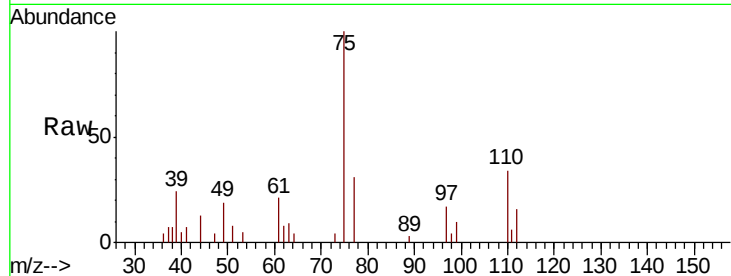
#76
1,2,3-Trichloropropane
Concen: 0.766 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 1860
Ion Ratio Lower Upper
75 100
77 37.8 20.5 61.6

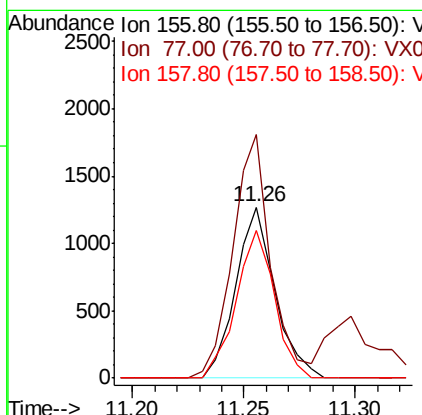
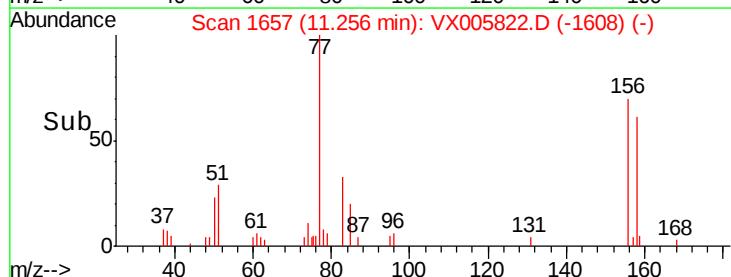
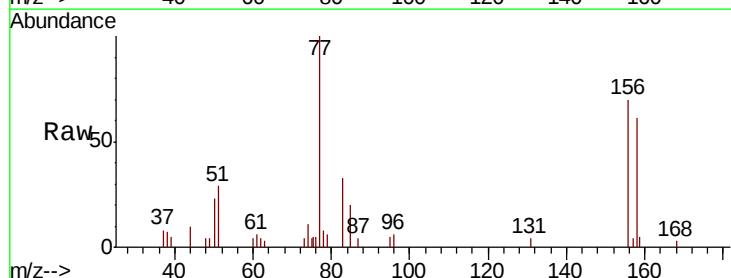
Manual Integrations
APPROVED

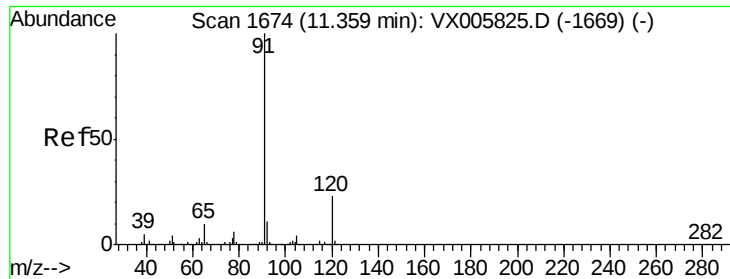
MMDadoda
11/8/2018 10:35:13 AM



#77
Bromobenzene
Concen: 0.974 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 156 Resp: 1554
Ion Ratio Lower Upper
156 100
77 138.0 74.8 224.4
158 84.4 49.1 147.3





#78

n-propylbenzene

Concen: 0.656 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 5134

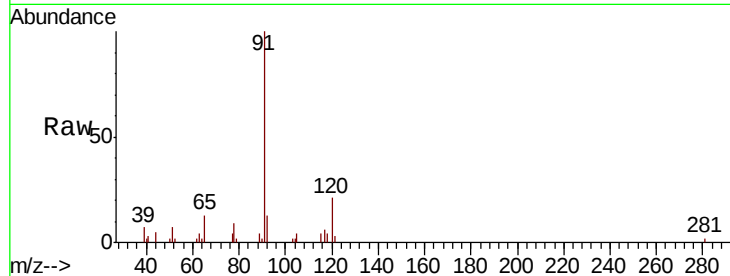
Ion Ratio Lower Upper

91 100

120 22.5 11.9 35.5

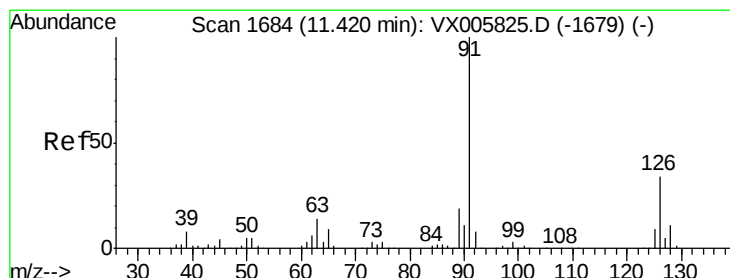
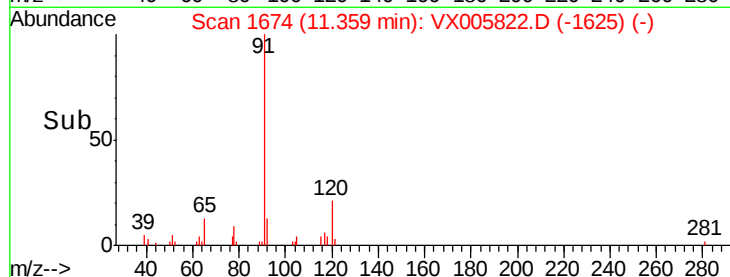
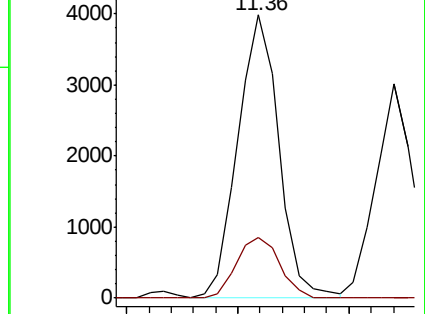
Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:13 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.771 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005822.D

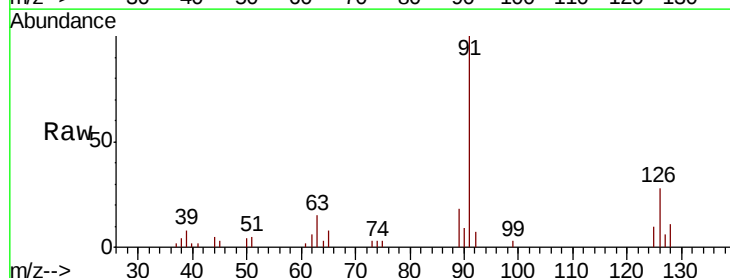
Acq: 07 Nov 2018 12:05

Tgt Ion: 91 Resp: 3603

Ion Ratio Lower Upper

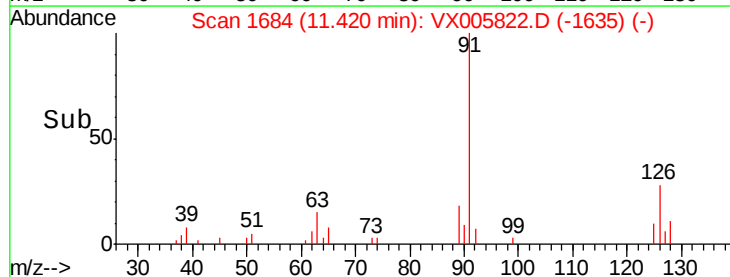
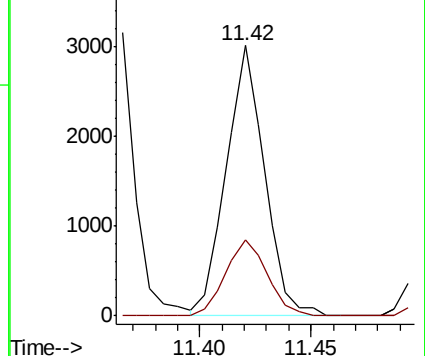
91 100

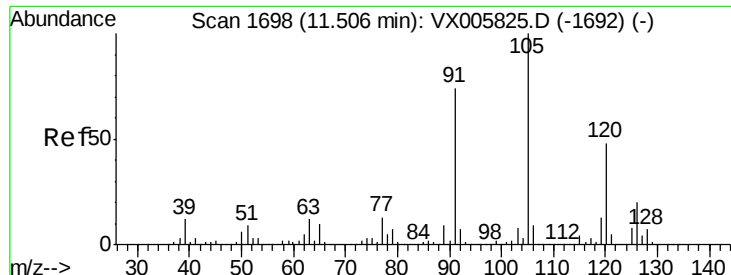
126 30.6 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





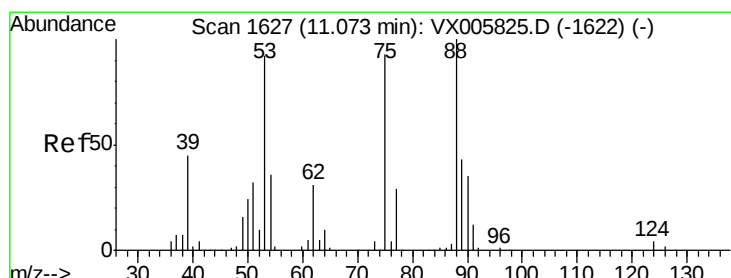
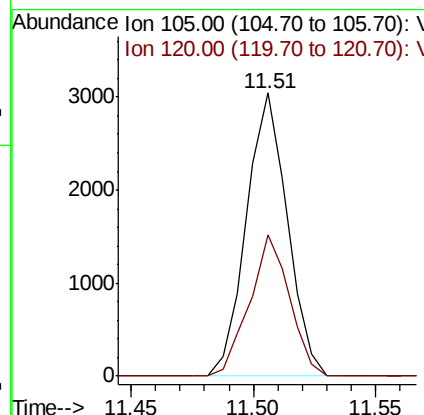
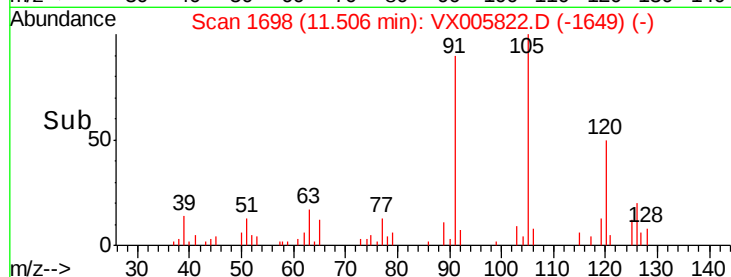
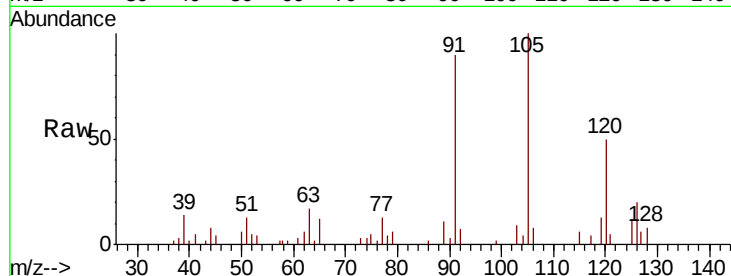
#80
1,3,5-Trimethylbenzene
Concen: 0.648 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:105 Resp: 3542
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.2

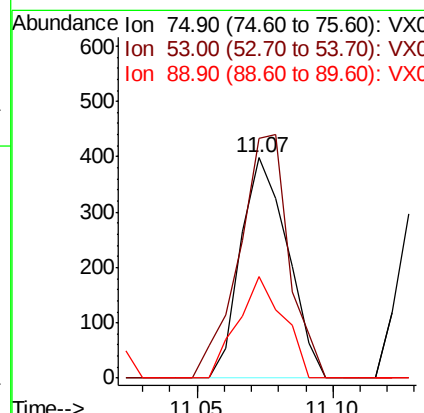
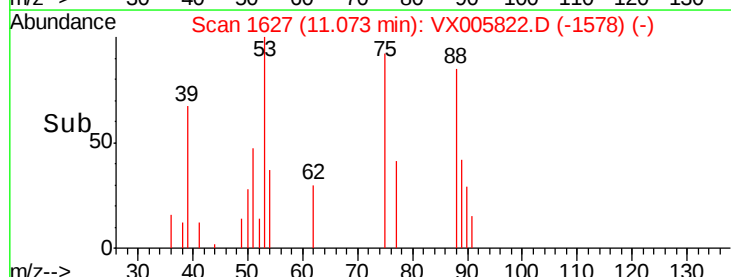
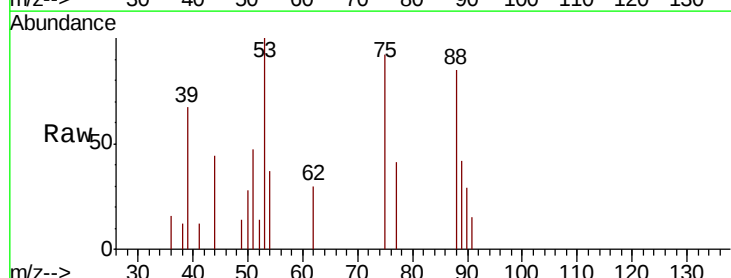
Manual Integrations
APPROVED

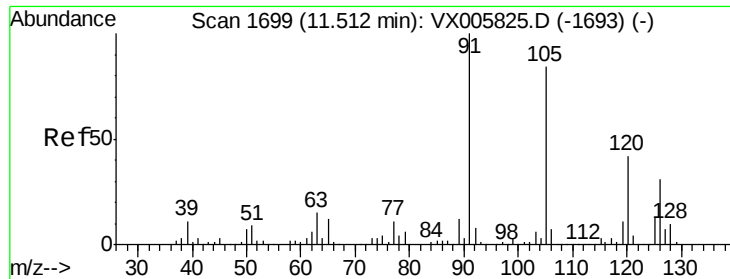
MMDadoda
11/8/2018 10:35:13 AM



#81
trans-1,4-Dichloro-2-butene
Concen: 0.634 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 75 Resp: 477
Ion Ratio Lower Upper
75 100
53 117.6 80.2 120.2
89 45.1 39.8 59.8





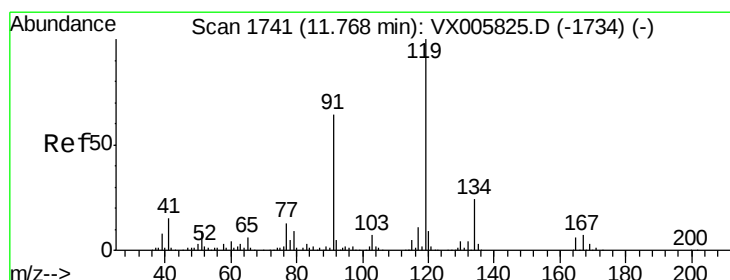
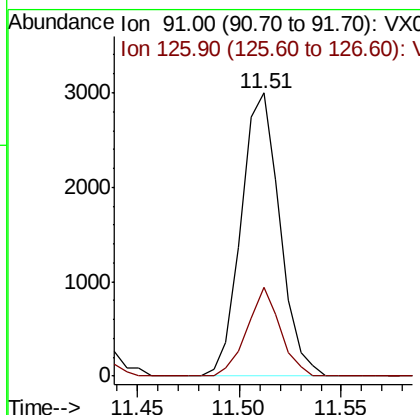
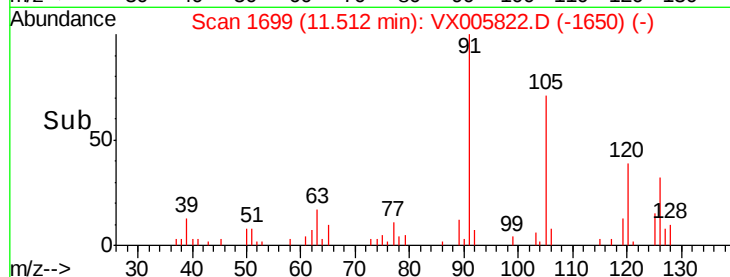
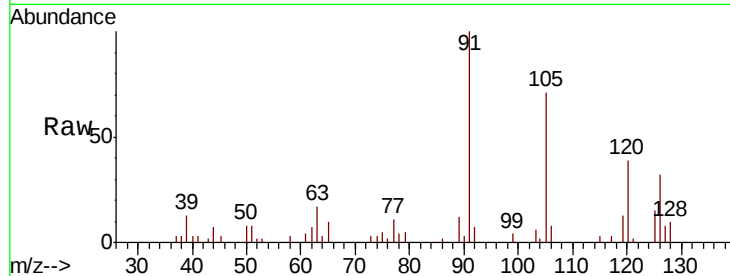
#82
4-Chlorotoluene
Concen: 0.707 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 3943
Ion Ratio Lower Upper
91 100
126 27.0 15.2 45.6

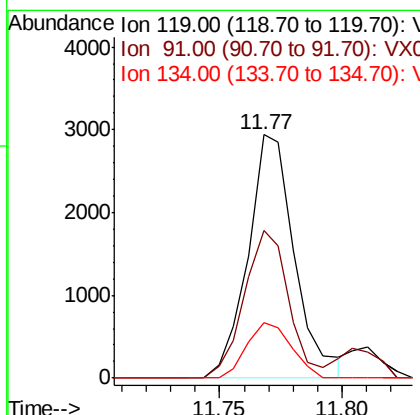
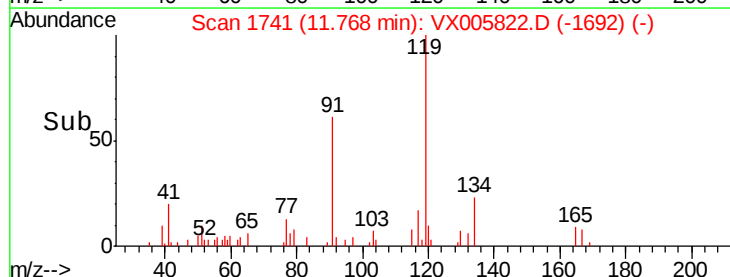
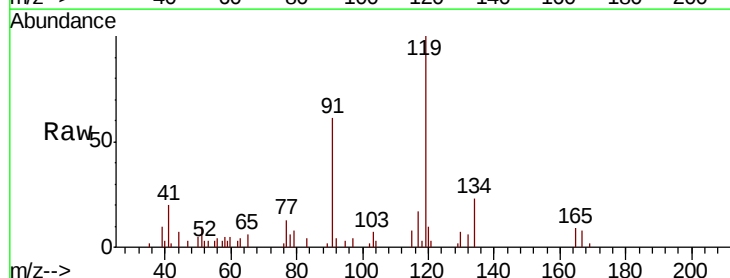
Manual Integrations
APPROVED

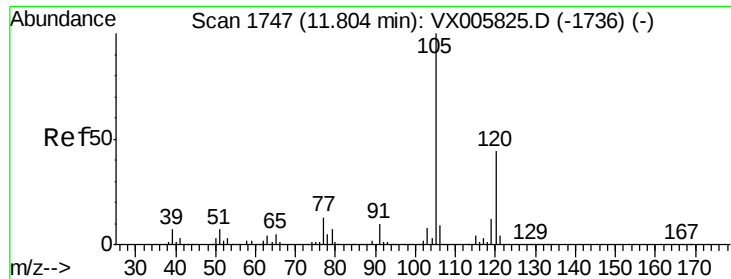
MMDadoda
11/8/2018 10:35:13 AM



#83
tert-Butylbenzene
Concen: 0.754 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 119 Resp: 3929
Ion Ratio Lower Upper
119 100
91 57.8 28.5 85.5
134 21.7 11.3 33.8





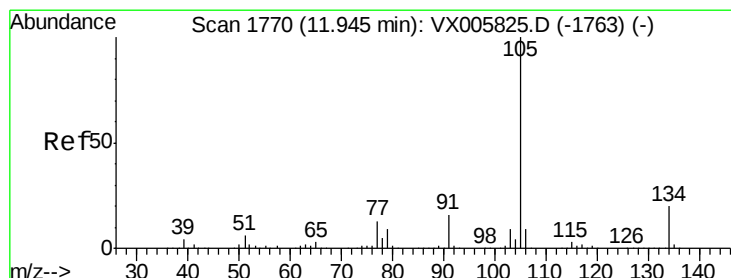
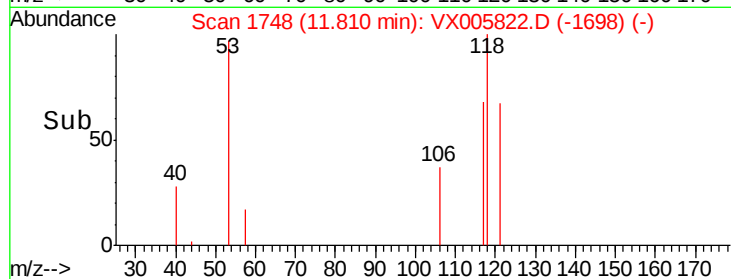
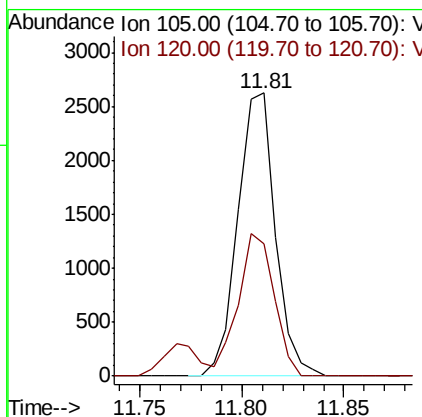
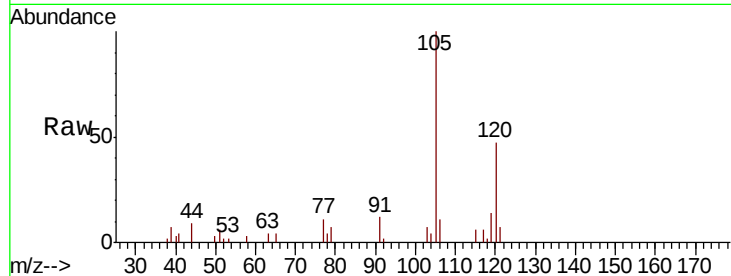
#84
 1,2,4-Trimethylbenzene
 Concen: 0.608 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 3354
 Ion Ratio Lower Upper
 105 100
 120 47.9 22.4 67.0

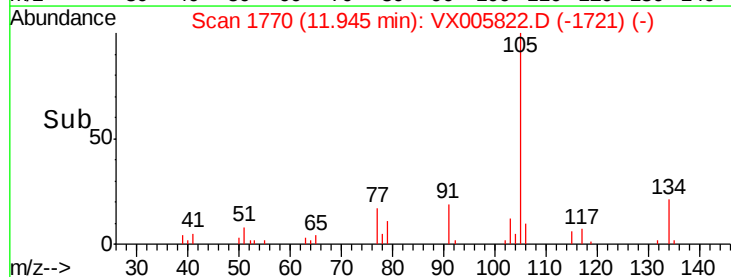
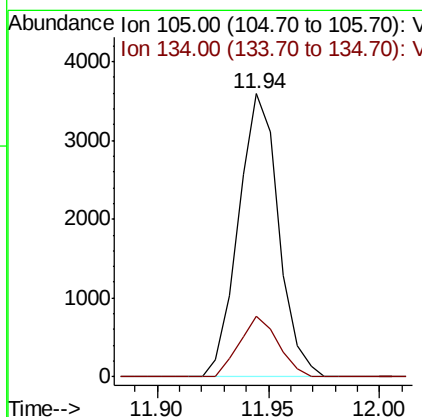
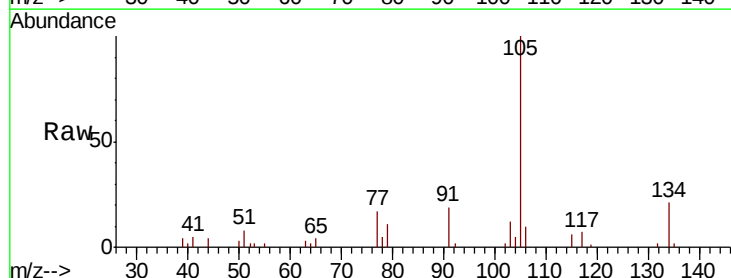
Manual Integrations
 APPROVED

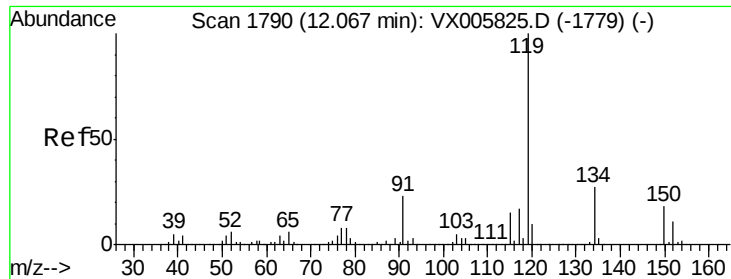
MMDadoda
 11/8/2018 10:35:13 AM



#85
 sec-Butylbenzene
 Concen: 0.675 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion:105 Resp: 4514
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4





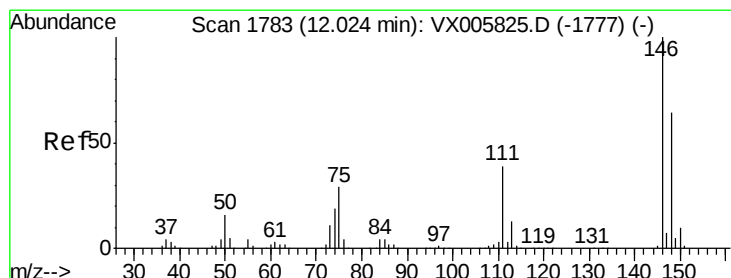
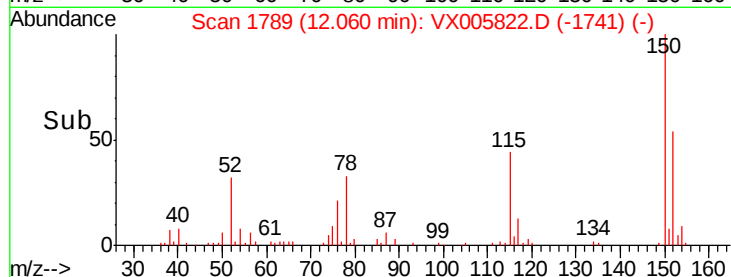
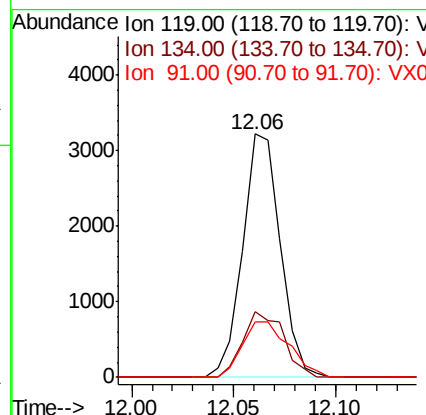
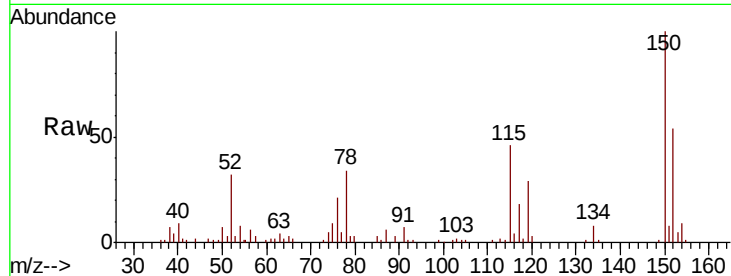
#86
 p-Isopropyltoluene
 Concen: 0.725 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.3	13.0	39.0
91	28.4	11.4	34.2

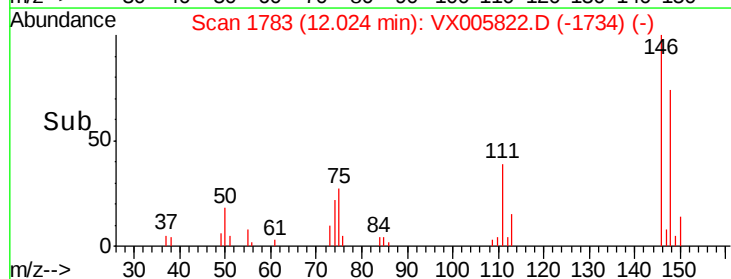
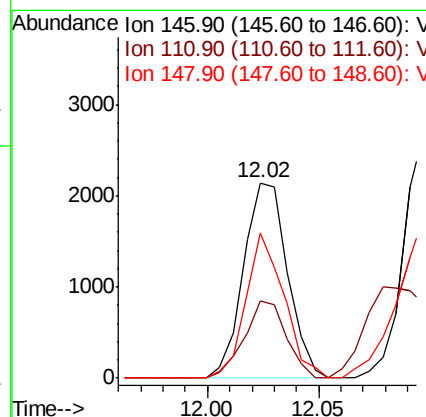
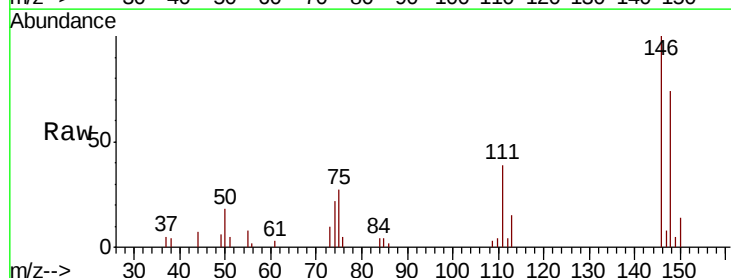
Manual Integrations
 APPROVED

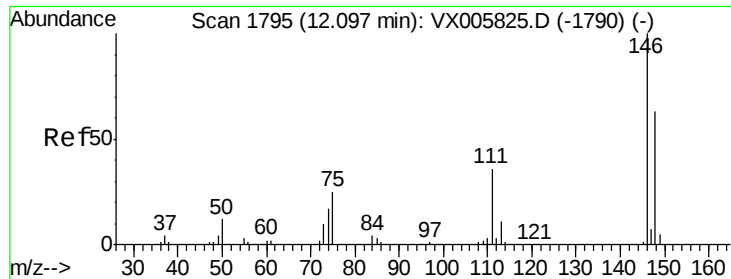
MMDadoda
 11/8/2018 10:35:13 AM



#87
 1,3-Dichlorobenzene
 Concen: 0.954 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	64.2	31.9	95.9





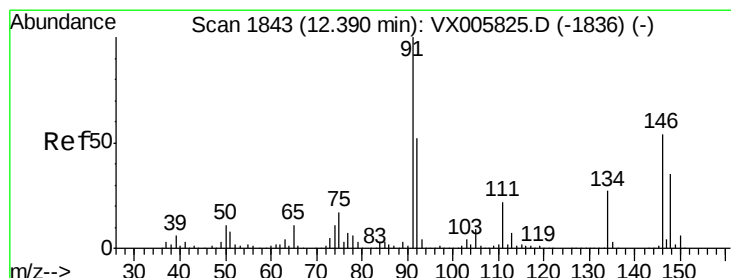
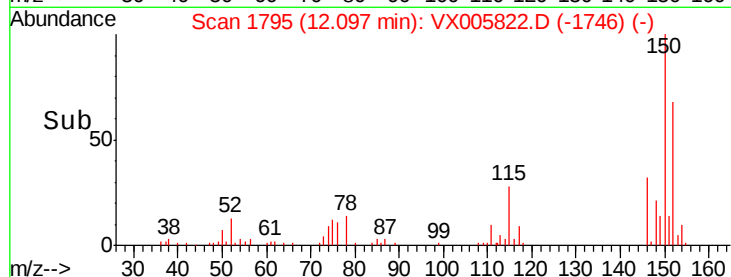
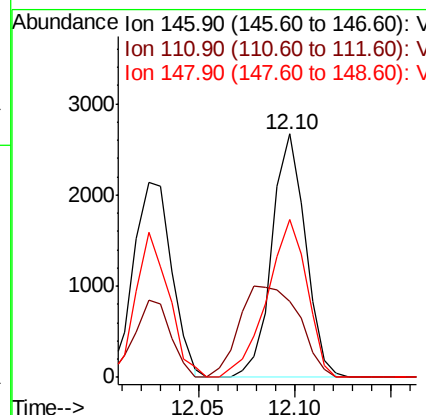
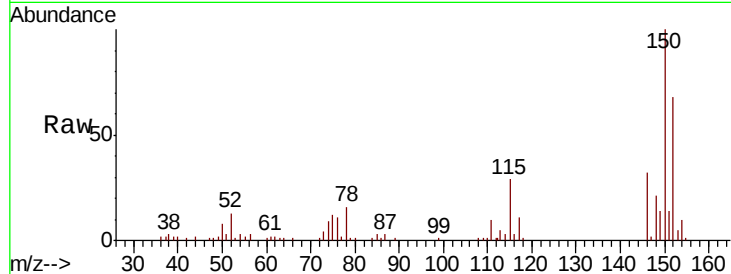
#88
 1,4-Dichlorobenzene
 Concen: 0.967 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	34.7	18.6	55.8
148	59.0	32.1	96.3

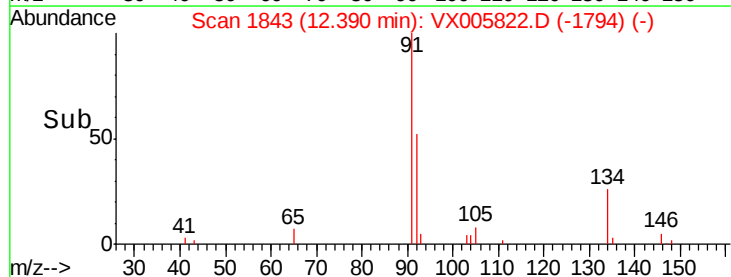
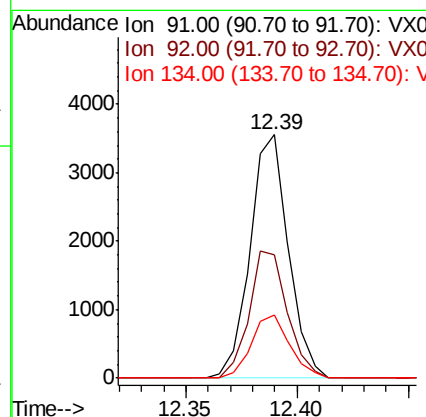
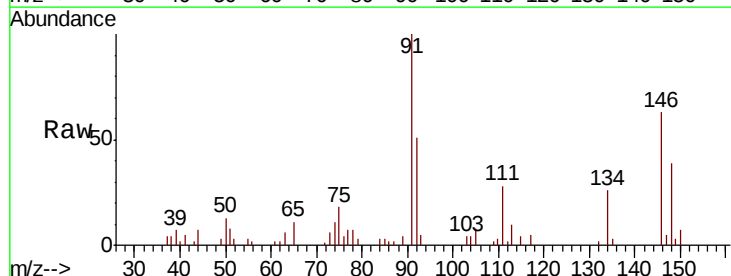
Manual Integrations
 APPROVED

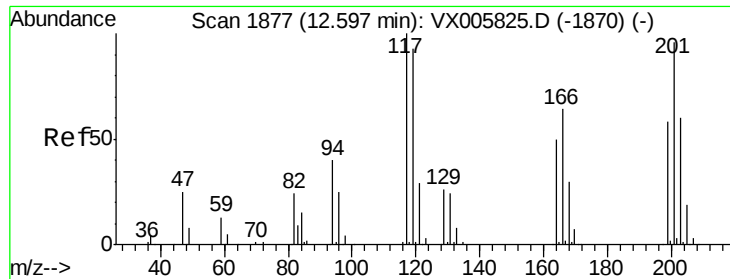
MMDadoda
 11/8/2018 10:35:13 AM



#89
 n-Butylbenzene
 Concen: 0.744 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.2
134	25.8	13.1	39.3





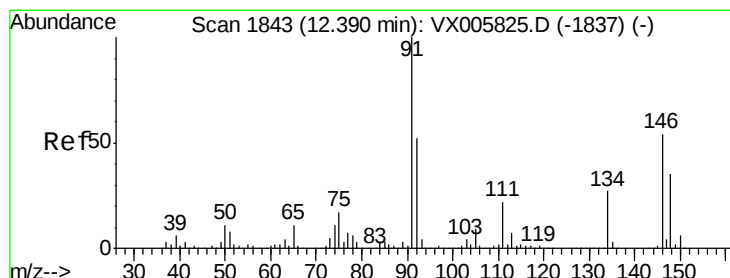
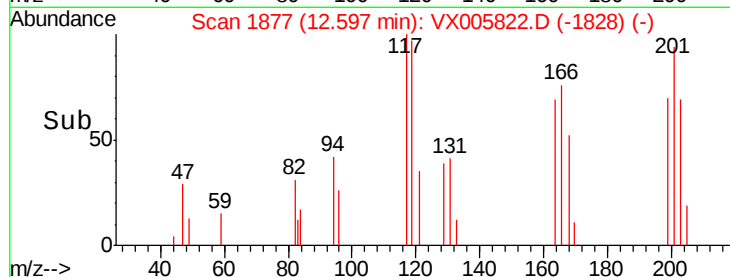
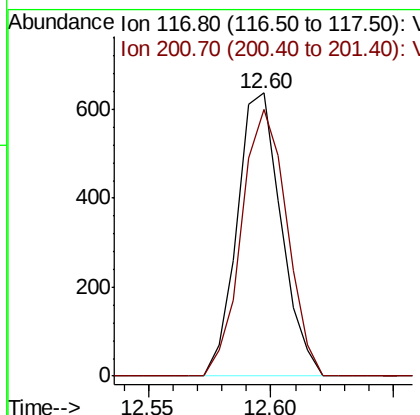
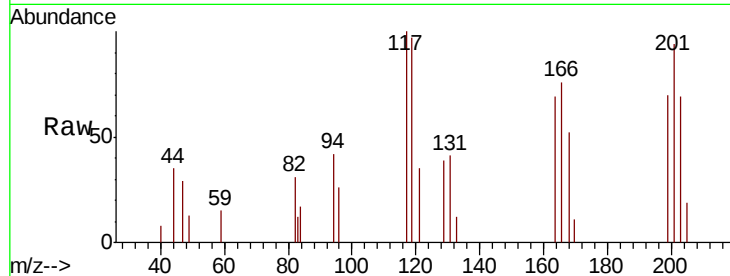
#90
Hexachloroethane
Concen: 0.793 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 800
Ion Ratio Lower Upper
117 100
201 97.1 47.9 143.6

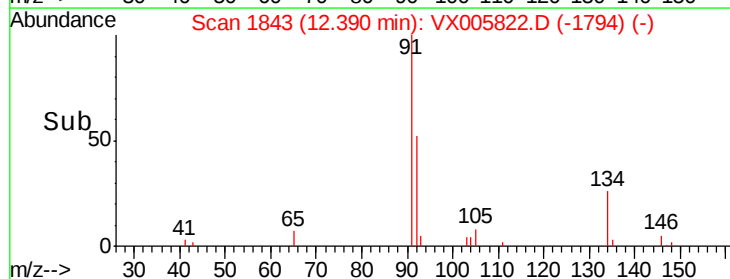
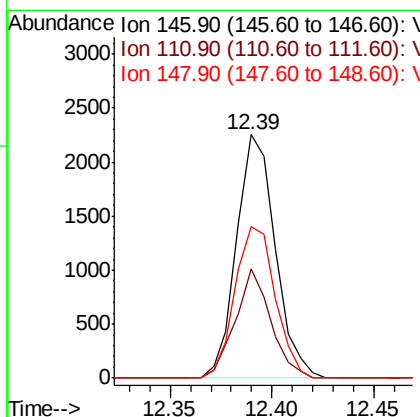
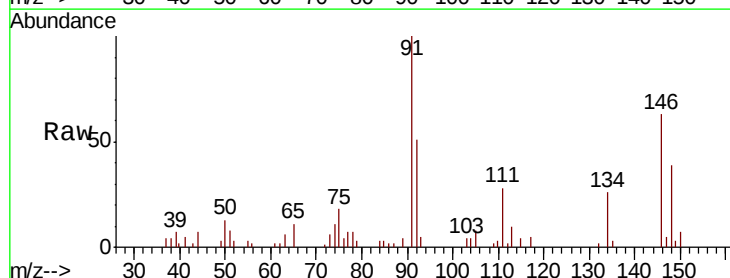
Manual Integrations
APPROVED

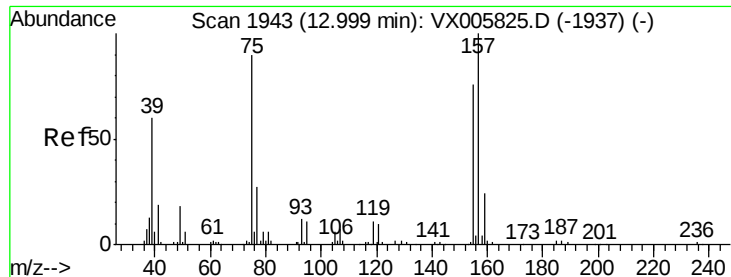
MMDadoda
11/8/2018 10:35:13 AM



#91
1,2-Dichlorobenzene
Concen: 0.922 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion:146 Resp: 2972
Ion Ratio Lower Upper
146 100
111 41.2 20.0 59.9
148 64.3 32.2 96.6





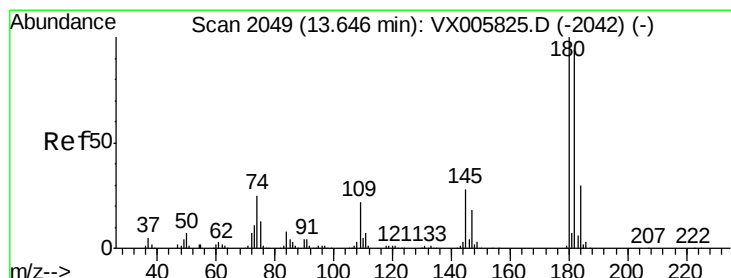
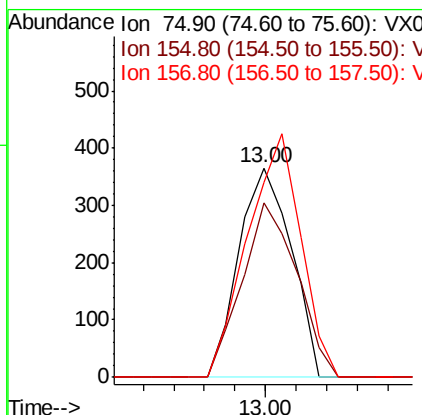
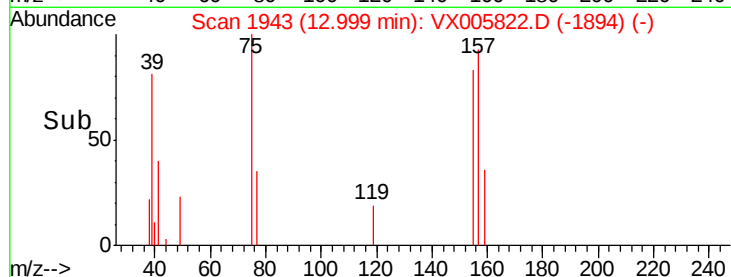
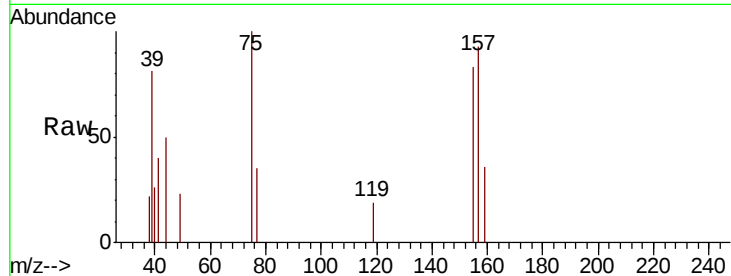
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.693 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	87.3	45.4	136.1
157	118.4	57.4	172.0

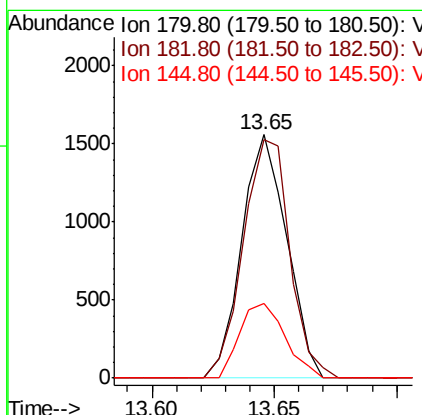
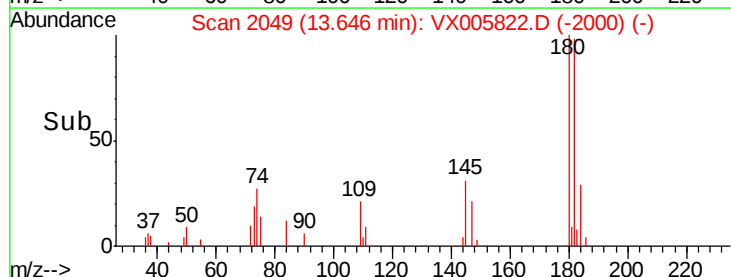
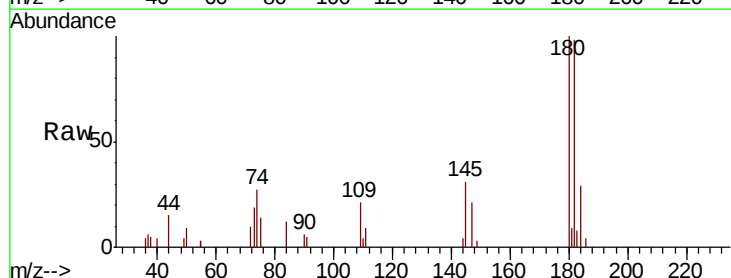
Manual Integrations
 APPROVED

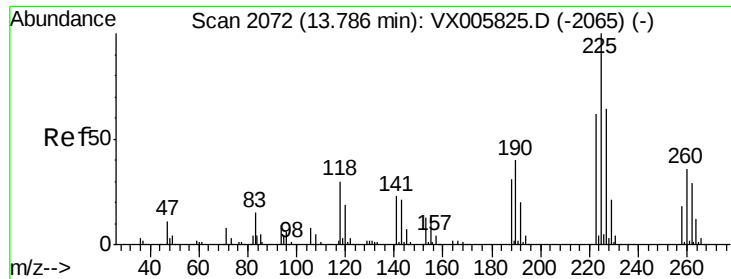
MMDadoda
 11/8/2018 10:35:13 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 0.961 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.8	47.6	142.8
145	31.0	14.1	42.2





#94

Hexachlorobutadiene

Concen: 1.261 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

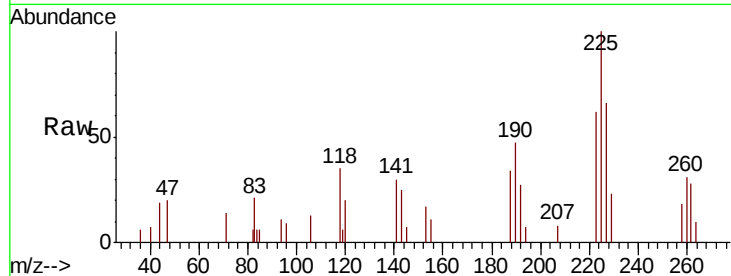
ClientSampled :

VSTDIC001

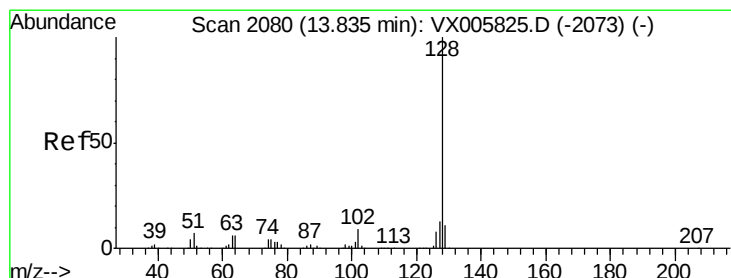
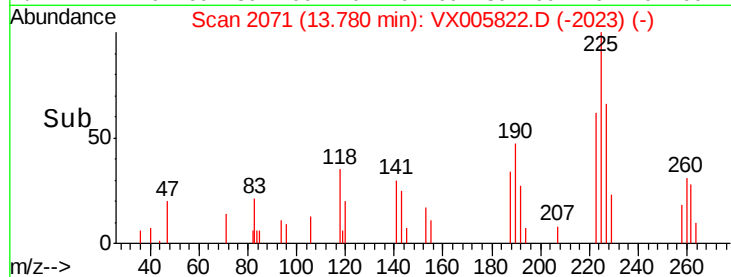
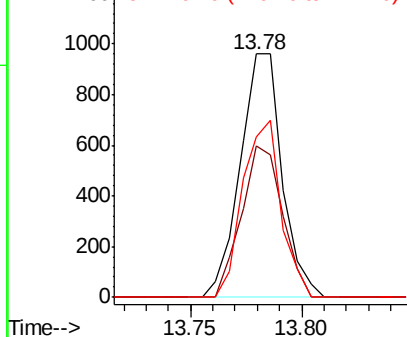
Tot Ion:	225	Resp:	1261
Ion Ratio	Lower	Upper	
225	100		
223	61.0	31.7	95.1
227	66.2	32.3	96.9

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:13 AM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.712 ug/l

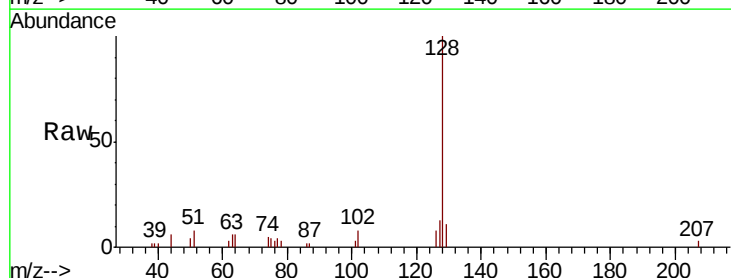
RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

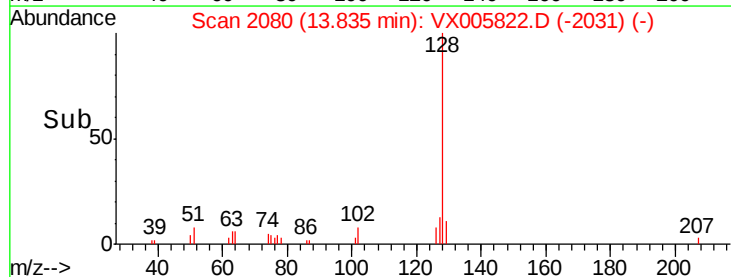
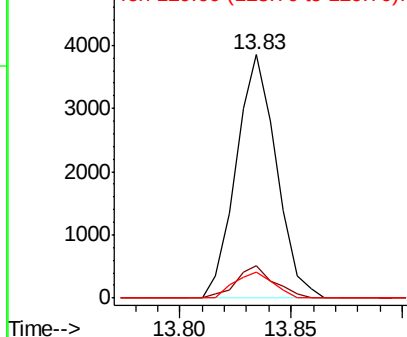
Lab File: VX005822.D

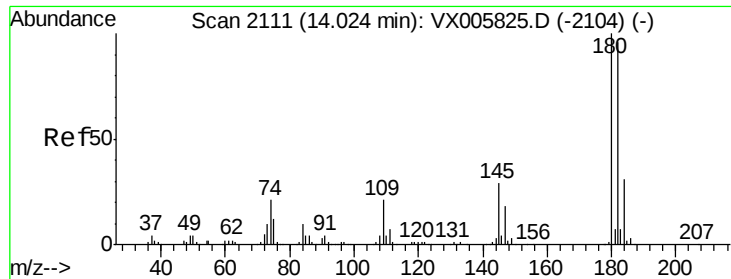
Acq: 07 Nov 2018 12:05

Tgt Ion:	128	Resp:	4843
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.4	15.6
129	10.1	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.986 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	29.4	15.1	45.3

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 10:35:13 AM

