

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003815.D
 Acq On : 02 Aug 2018 00:17
 Operator : JC/SP
 Sample : J4164-04MSD
 Misc : 11.13G/5.0mL/MSVOA X/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Manual Integrations
 APPROVED

apatel
 8/2/2018 4:51:05 PM

Quant Time: Aug 02 08:39:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	80980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	118124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	98436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	40732	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	46093	56.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.56%	
35) Dibromofluoromethane	5.51	113	40503	58.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.46%	
50) Toluene-d8	8.72	98	151925	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	11.14	95	45766	42.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	36252	53.039	ug/l	99
3) Chloromethane	1.32	50	47441	55.215	ug/l	100
4) Vinyl Chloride	1.40	62	44610	48.269	ug/l #	88
5) Bromomethane	1.64	94	28701	57.235	ug/l	100
6) Chloroethane	1.72	64	29390	48.090	ug/l	98
7) Trichlorofluoromethane	1.93	101	64911	53.562	ug/l	99
8) Diethyl Ether	2.19	74	30291	66.135	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39931	51.941	ug/l	99
10) Methyl Iodide	2.51	142	32287	36.530	ug/l	99
11) Tert butyl alcohol	3.07	59	30101	226.976	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35470	49.004	ug/l	97
13) Acrolein	2.29	56	171	3.941	ug/l	82
14) Allyl chloride	2.73	41	46203	36.009	ug/l	98
15) Acrylonitrile	3.15	53	80317	238.141	ug/l	99
16) Acetone	2.45	43	87031	278.198	ug/l	100
17) Carbon Disulfide	2.57	76	65541	27.830	ug/l	97
18) Methyl Acetate	2.78	43	86389	98.266	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	136512	69.288	ug/l	99
20) Methylene Chloride	2.86	84	48458	59.417	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	32686	41.213	ug/l	97
22) Diisopropyl ether	3.87	45	155889	67.302	ug/l	98
23) Vinyl Acetate	3.82	43	158110	94.645	ug/l	99
24) 1,1-Dichloroethane	3.70	63	84858	62.821	ug/l	96
25) 2-Butanone	4.70	43	115469	253.194	ug/l	97
26) 2,2-Dichloropropane	4.59	77	48603	45.685	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45520	53.258	ug/l	95
28) Bromochloromethane	5.02	49	32515	53.662	ug/l	98
29) Tetrahydrofuran	5.15	42	72774	250.401	ug/l	98
30) Chloroform	5.22	83	85103	63.936	ug/l	89
31) Cyclohexane	5.58	56	61642	47.242	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	67339	58.863	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52174	47.164	ug/l	100
37) Ethyl Acetate	4.85	43	37652	44.309	ug/l	99
38) Carbon Tetrachloride	5.79	117	53066	51.862	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003815.D
 Acq On : 02 Aug 2018 00:17
 Operator : JC/SP
 Sample : J4164-04MSD
 Misc : 11.13G/5.0mL/MSVOA X/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Manual Integrations
 APPROVED

apatel
 8/2/2018 4:51:05 PM

Quant Time: Aug 02 08:39:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52529	38.677	ug/l	94
40) Benzene	6.15	78	193979	61.190	ug/l	97
41) Methacrylonitrile	5.06	41	26661	55.662	ug/l	97
42) 1,2-Dichloroethane	6.20	62	59963	62.626	ug/l	98
43) Isopropyl Acetate	6.46	43	75698	55.910	ug/l	99
44) Trichloroethene	7.21	130	42665	47.179	ug/l	96
45) 1,2-Dichloropropane	7.52	63	52512	67.360	ug/l	96
46) Dibromomethane	7.67	93	25425	56.595	ug/l	98
47) Bromodichloromethane	7.90	83	59021	65.926	ug/l	99
48) Methyl methacrylate	7.78	41	43913	64.660	ug/l	99
49) 1,4-Dioxane	7.76	88	13193	962.495	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	240475	289.008	ug/l	100
52) Toluene	8.79	92	111709	56.491	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	46550	45.526	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	58970	51.741	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	45155	66.349	ug/l	98
56) Ethyl methacrylate	9.18	69	57054	61.031	ug/l	98
57) 1,3-Dichloropropane	9.37	76	73678	64.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	131476	262.667	ug/l	99
59) 2-Hexanone	9.50	43	162745	256.741	ug/l	99
60) Dibromochloromethane	9.59	129	44130	64.386	ug/l	100
61) 1,2-Dibromoethane	9.68	107	39694	57.125	ug/l	100
64) Tetrachloroethene	9.34	164	45582	58.912	ug/l	99
65) Chlorobenzene	10.14	112	115313	56.059	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	46798	69.765	ug/l	99
67) Ethyl Benzene	10.26	91	197272	56.797	ug/l	100
68) m/p-Xylenes	10.36	106	153617	113.062	ug/l	99
69) o-Xylene	10.70	106	76912	60.963	ug/l	100
70) Styrene	10.71	104	105506	49.709	ug/l	97
71) Bromoform	10.86	173	29375	63.690	ug/l #	100
73) Isopropylbenzene	11.02	105	181167	71.047	ug/l	100
74) N-amyl acetate	6.46	43	75698	83.753	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	56967	85.931	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	45524m	81.085	ug/l	
77) Bromobenzene	11.26	156	49064	73.803	ug/l	100
78) n-propylbenzene	11.36	91	190869	61.786	ug/l	100
79) 2-Chlorotoluene	11.42	91	119447	68.104	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143562	65.959	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	9345	49.303	ug/l	94
82) 4-Chlorotoluene	11.51	91	132954	62.498	ug/l	100
83) tert-Butylbenzene	11.77	119	133923	62.210	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	150240	67.062	ug/l	99
85) sec-Butylbenzene	11.95	105	142870	51.875	ug/l	100
86) p-Isopropyltoluene	12.07	119	130381	52.086	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	74688	55.539	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	73930	53.884	ug/l	100
89) n-Butylbenzene	12.39	91	96824	40.641	ug/l	100
90) Hexachloroethane	12.60	117	17162	46.172	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	77871	62.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8967	68.170	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003815.D
Acq On : 02 Aug 2018 00:17
Operator : JC/SP
Sample : J4164-04MSD
Misc : 11.13G/5.0mL/MSVOA X/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

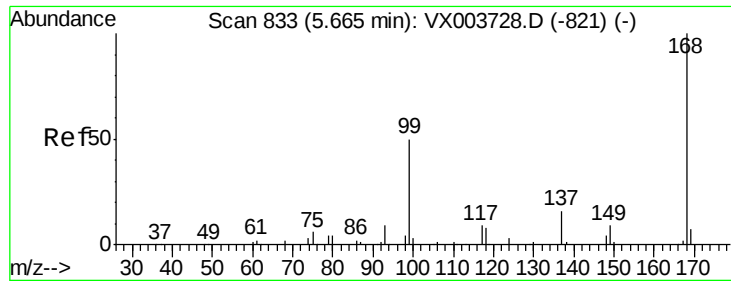
Manual Integrations
APPROVED

apatel
8/2/2018 4:51:05 PM

Quant Time: Aug 02 08:39:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	32005	32.216	ug/l	99
94) Hexachlorobutadiene	13.79	225	13769	21.672	ug/l	98
95) Naphthalene	13.83	128	130041	61.254	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	30097	33.374	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion:168 Resp: 80980

Ion Ratio Lower Upper

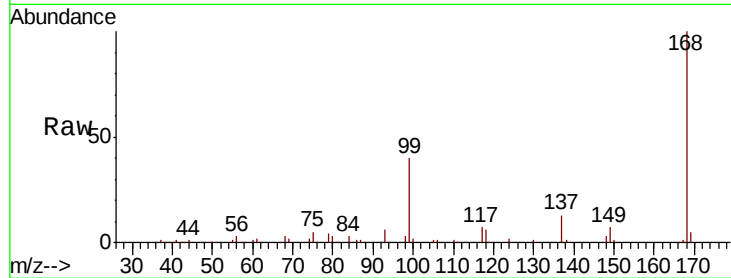
168 100

99 40.4 40.2 60.2

Manual Integrations
APPROVED

apatel

8/2/2018 4:51:05 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

30000

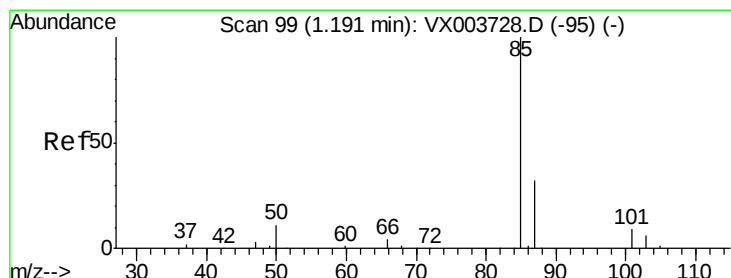
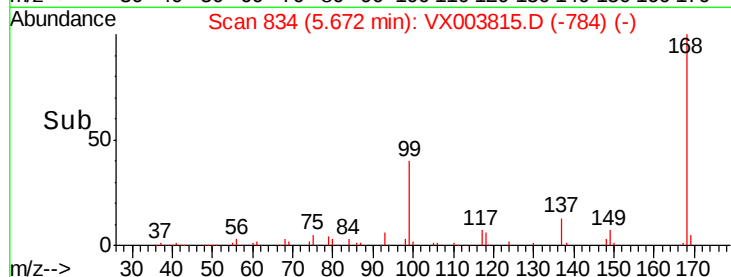
20000

10000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.039 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003815.D

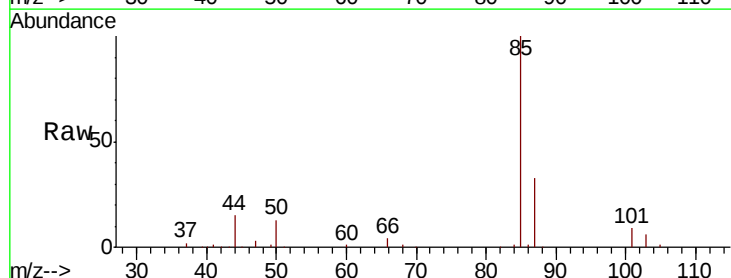
Acq: 02 Aug 2018 00:17

Tgt Ion: 85 Resp: 36252

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

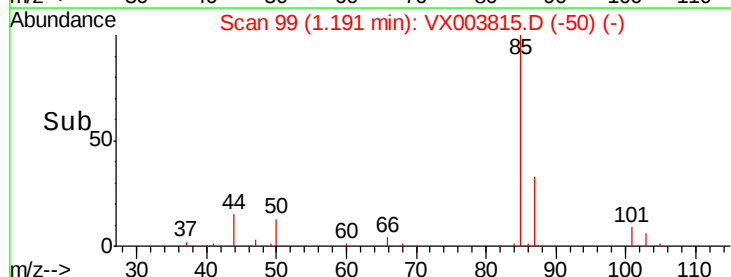
20000

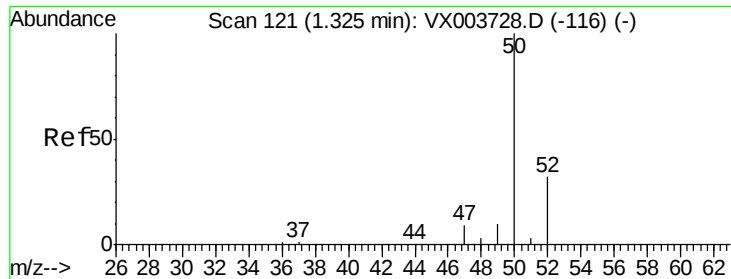
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 55.215 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion: 50 Resp: 47441

Ion Ratio Lower Upper

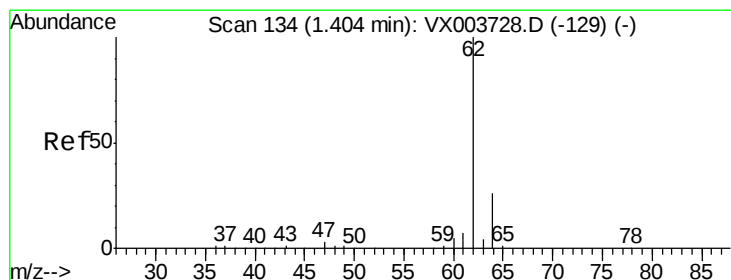
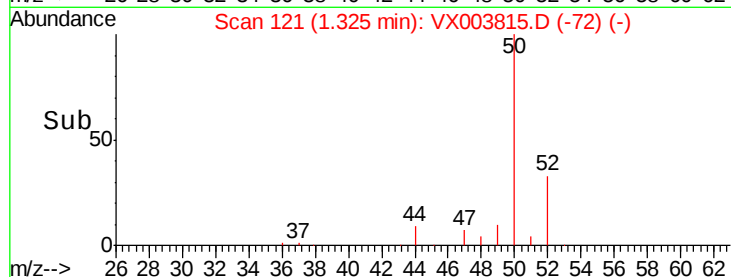
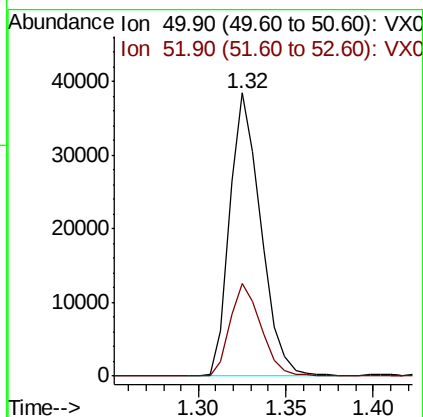
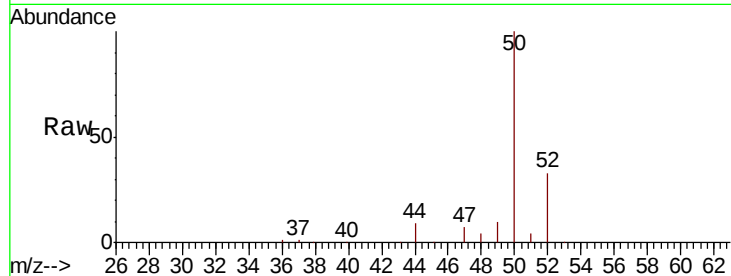
50 100

52 32.6 25.9 38.9

Manual Integrations
APPROVED

apatel

8/2/2018 4:51:05 PM



#4

Vinyl Chloride

Concen: 48.269 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003815.D

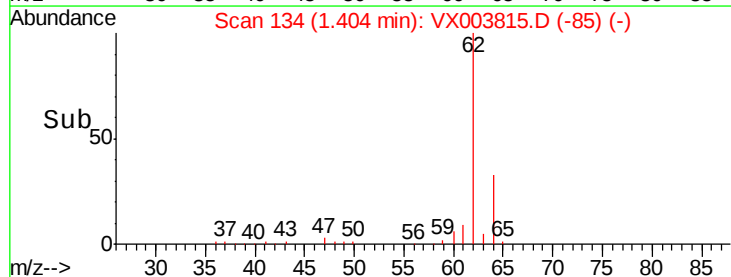
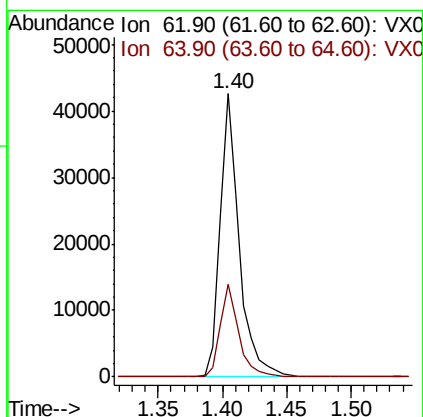
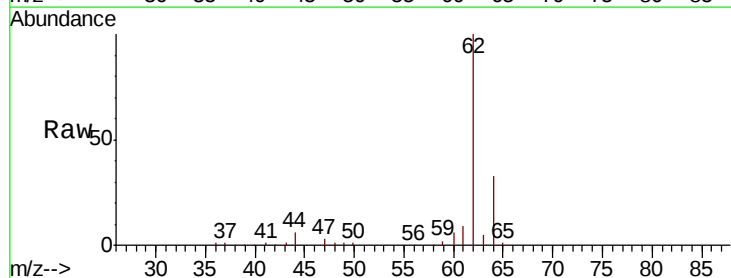
Acq: 02 Aug 2018 00:17

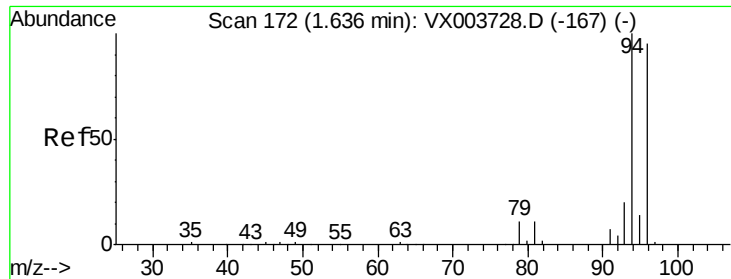
Tgt Ion: 62 Resp: 44610

Ion Ratio Lower Upper

62 100

64 32.5 21.0 31.4#





#5

Bromomethane

Concen: 57.235 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion: 94 Resp: 28701

Ion Ratio Lower Upper

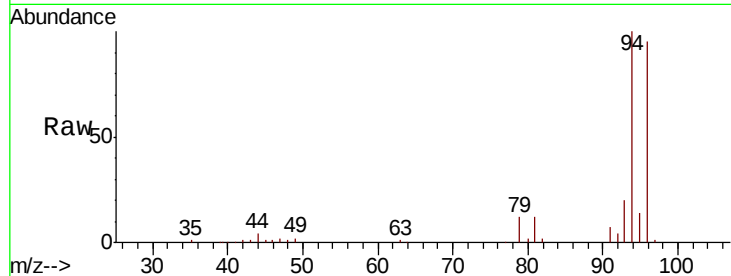
94 100

96 95.0 76.0 114.0

Manual Integrations
APPROVED

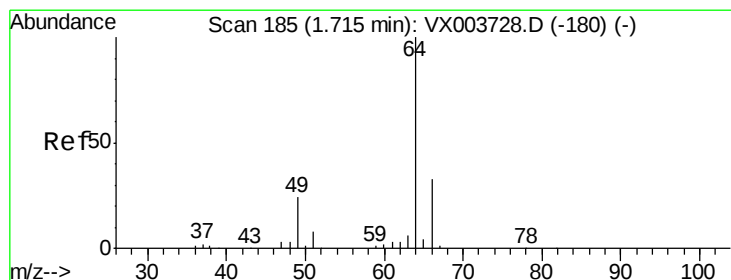
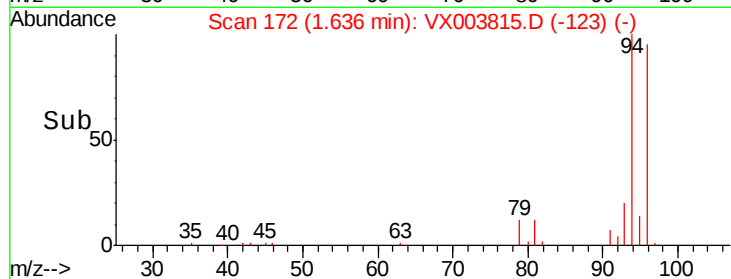
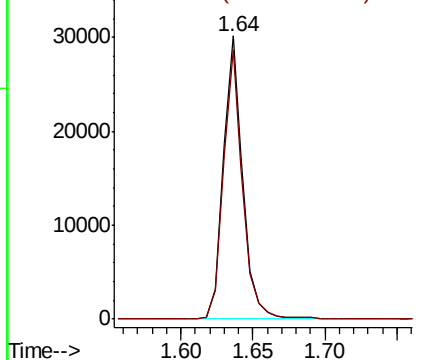
apatel

8/2/2018 4:51:05 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.090 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003815.D

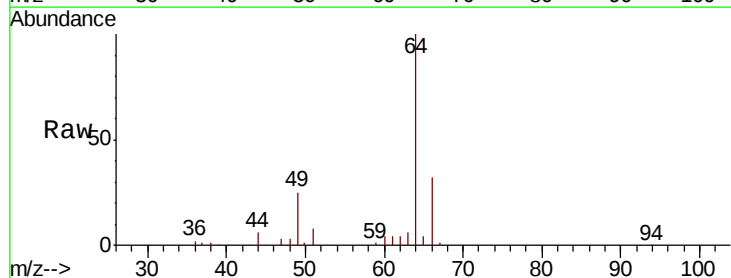
Acq: 02 Aug 2018 00:17

Tgt Ion: 64 Resp: 29390

Ion Ratio Lower Upper

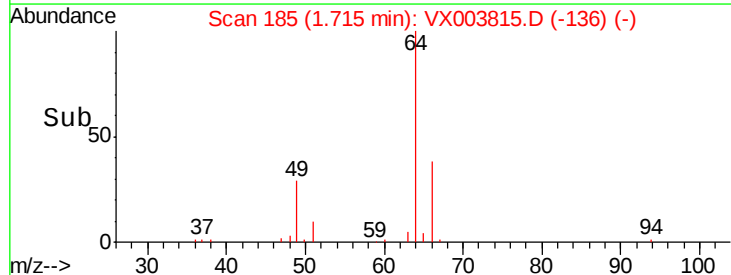
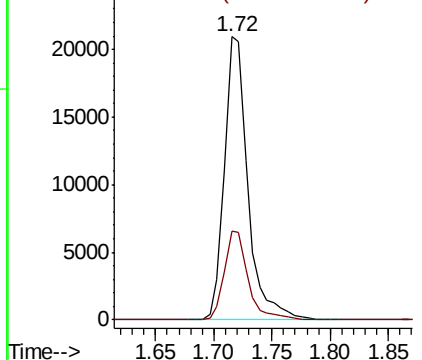
64 100

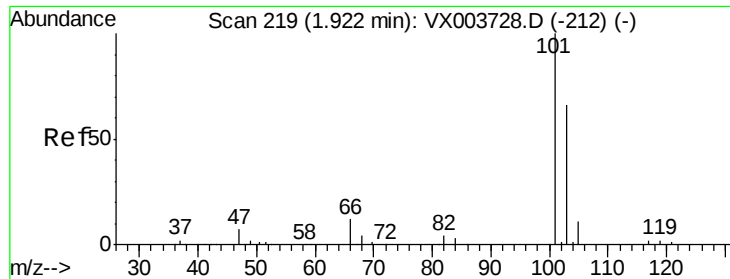
66 31.6 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

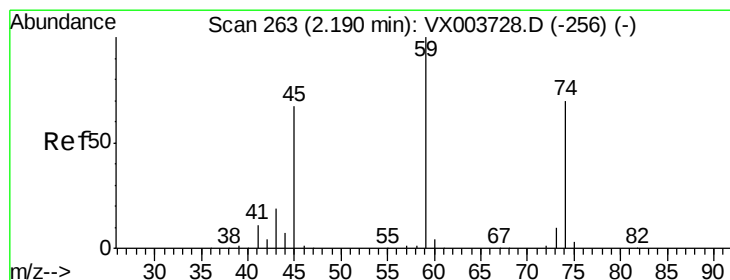
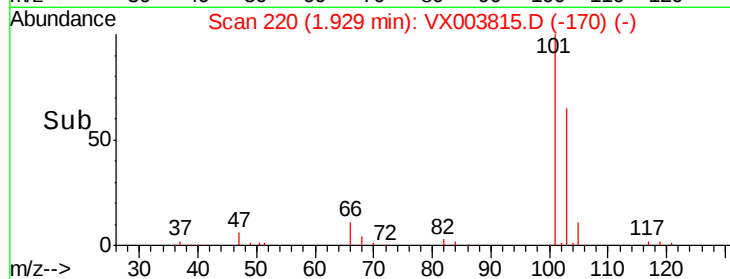
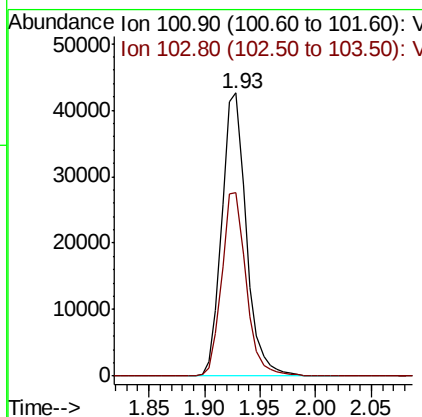
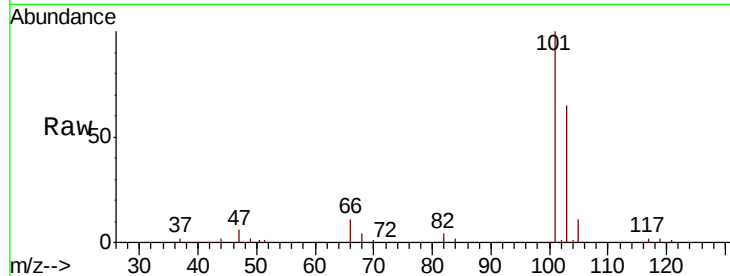
Trichlorofluoromethane
 Concen: 53.562 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.6	78.8

Manual Integrations
 APPROVED

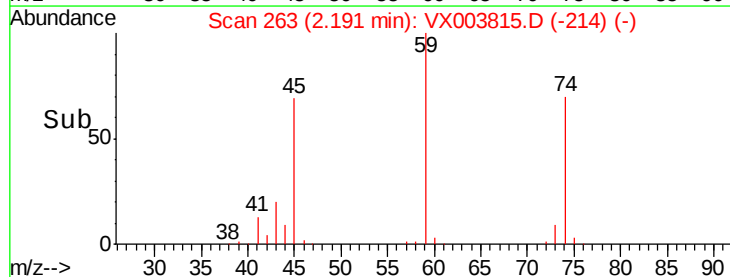
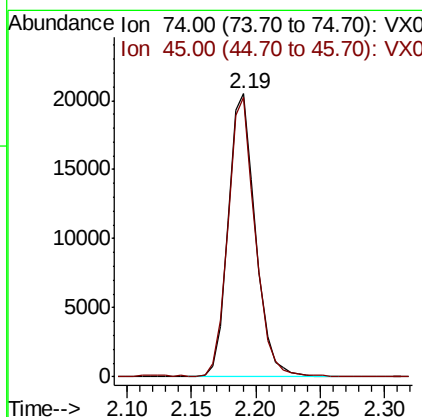
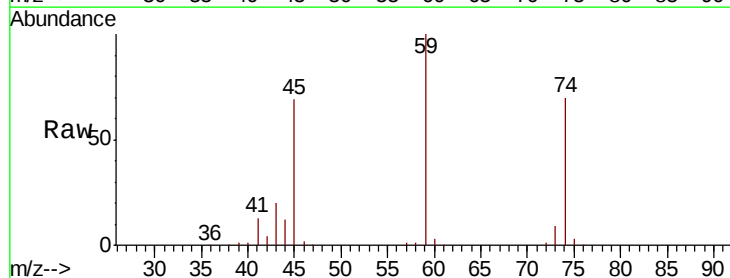
apatel
 8/2/2018 4:51:05 PM

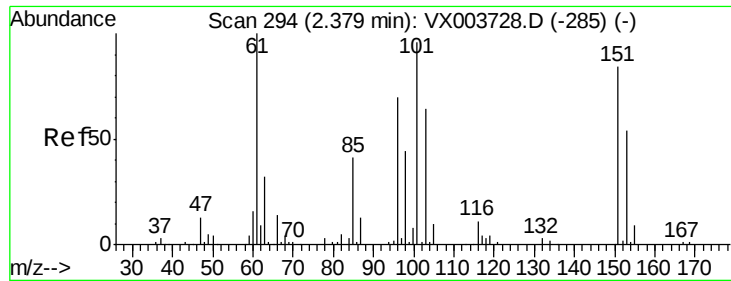


#8

Diethyl Ether
 Concen: 66.135 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	49.5	148.7





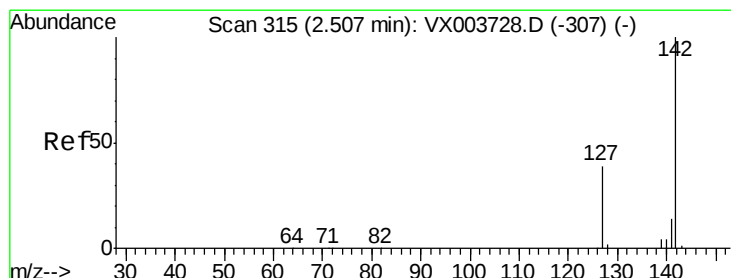
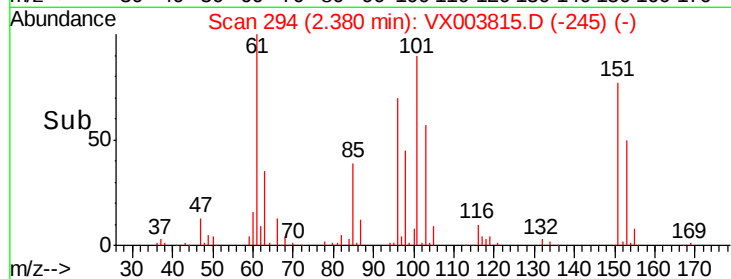
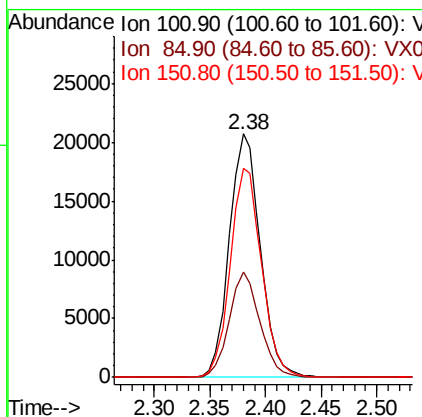
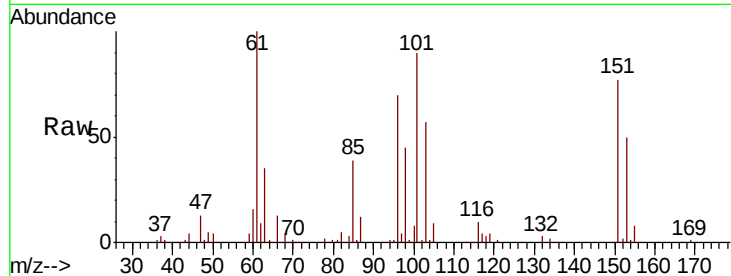
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.941 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MSD

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	42.6	33.3	49.9
151	86.4	68.8	103.2

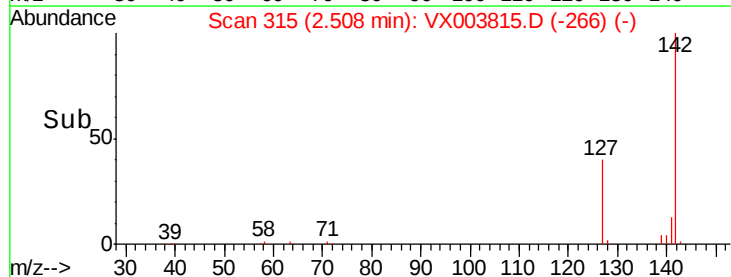
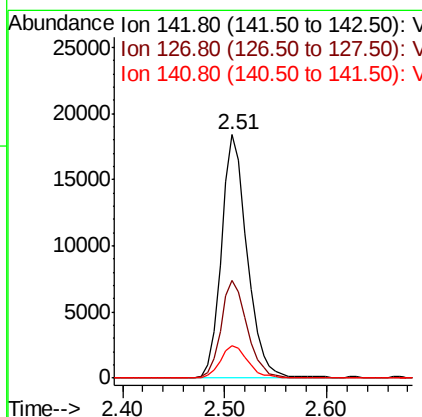
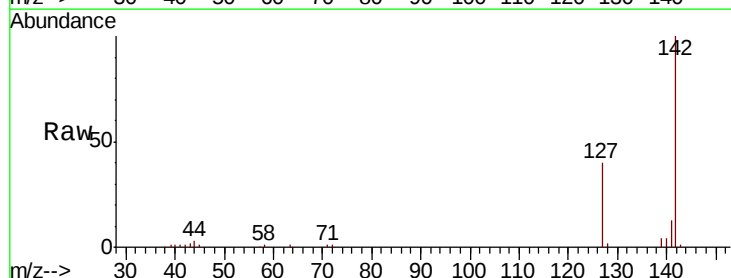
Manual Integrations
 APPROVED

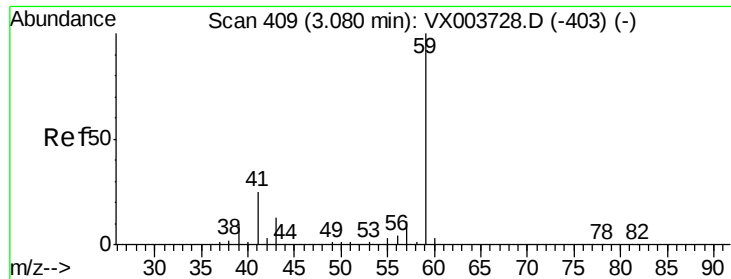
apatel
 8/2/2018 4:51:05 PM



#10
 Methyl Iodide
 Concen: 36.530 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
127	40.6	32.0	48.0
141	13.9	11.3	16.9





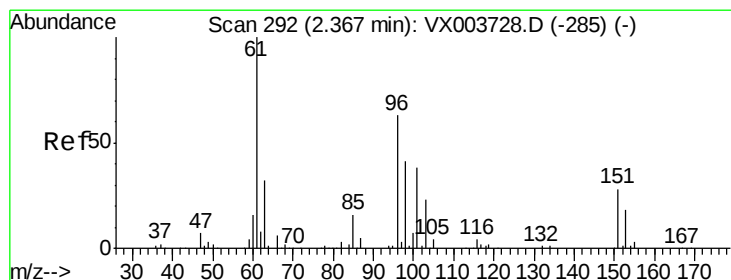
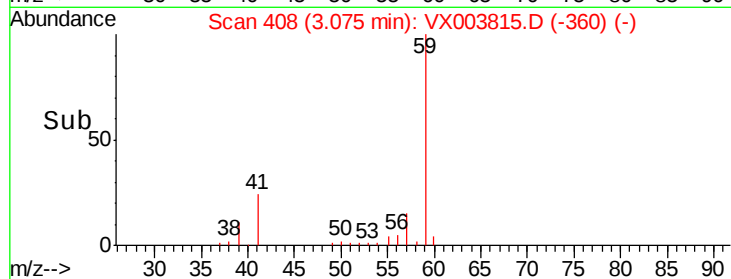
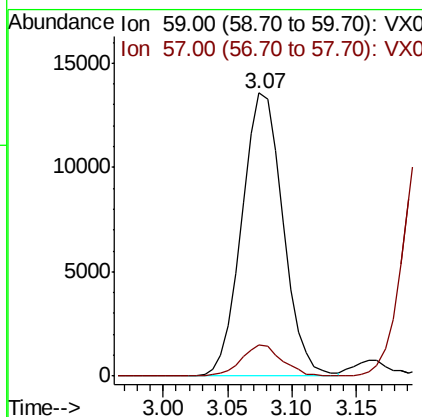
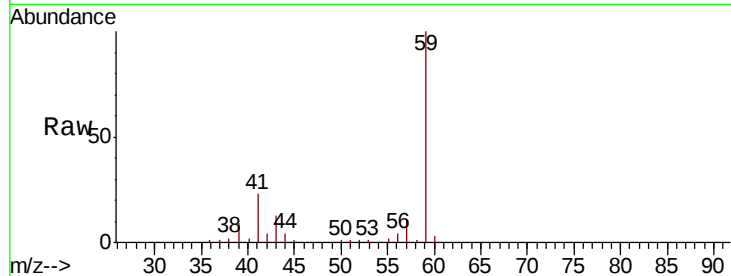
#11
Tert butyl alcohol
Concen: 226.976 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

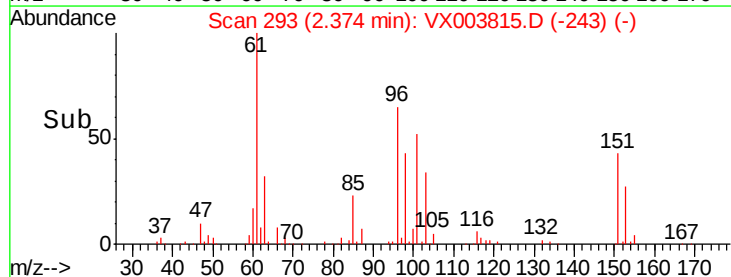
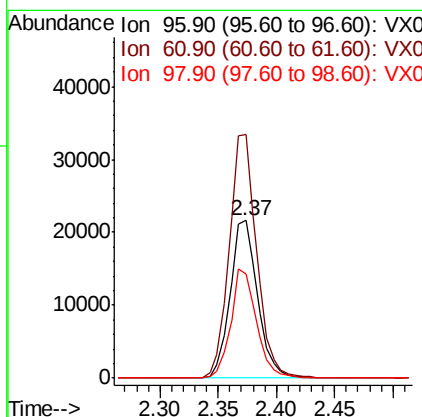
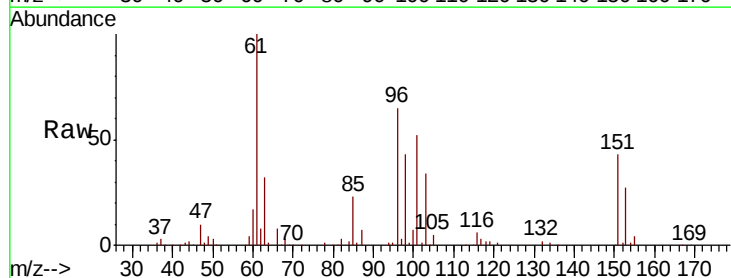
Manual Integrations
APPROVED

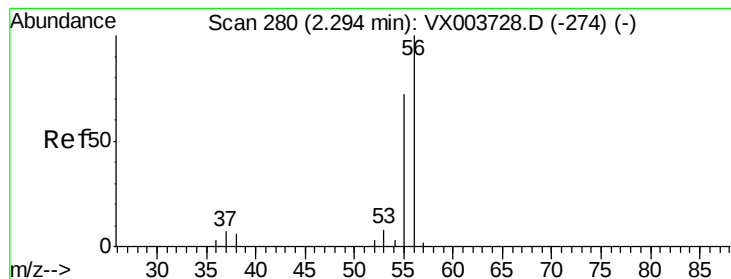
apatel
8/2/2018 4:51:05 PM



#12
1,1-Dichloroethene
Concen: 49.004 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.6	127.1	190.7
98	65.8	52.0	78.0





#13

Acrolein

Concen: 3.941 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion: 56 Resp: 171

Ion Ratio Lower Upper

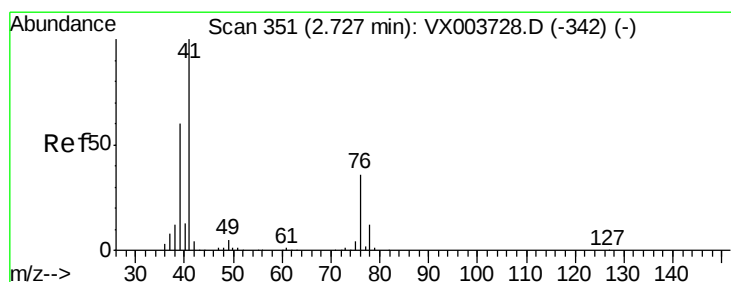
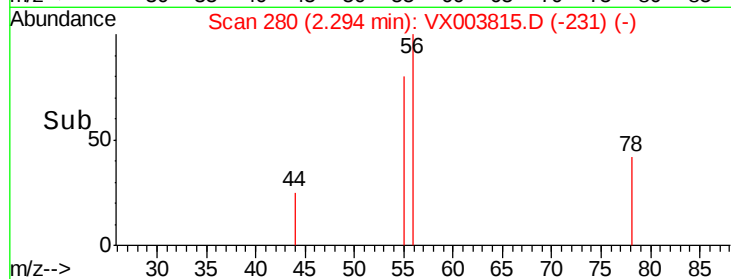
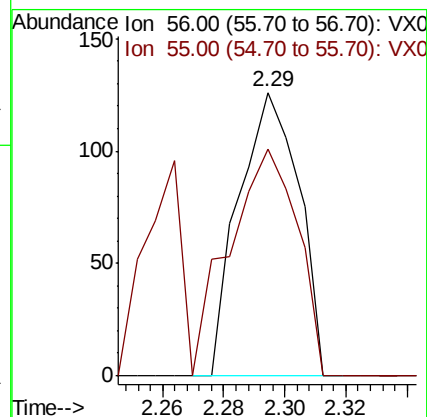
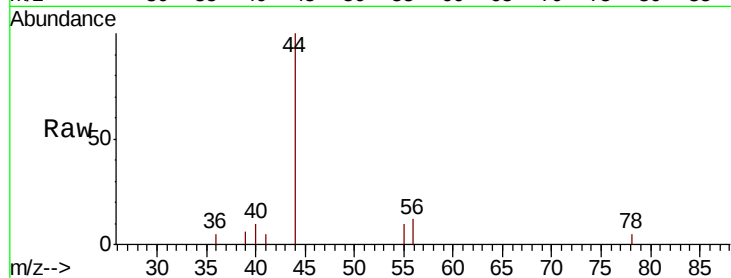
56 100

55 91.8 61.4 92.0

Manual Integrations
APPROVED

apatel

8/2/2018 4:51:05 PM



#14

Allyl chloride

Concen: 36.009 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

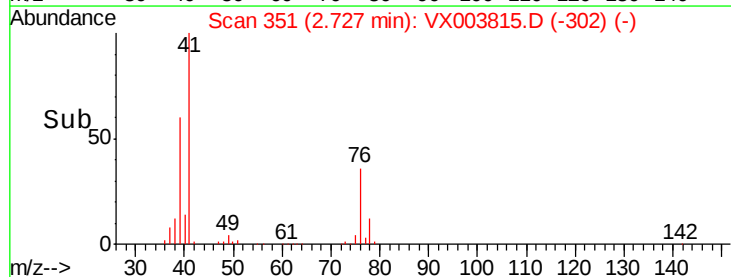
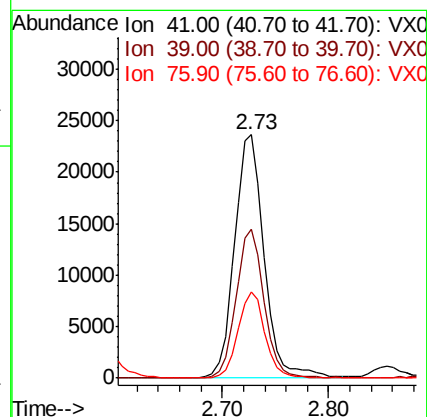
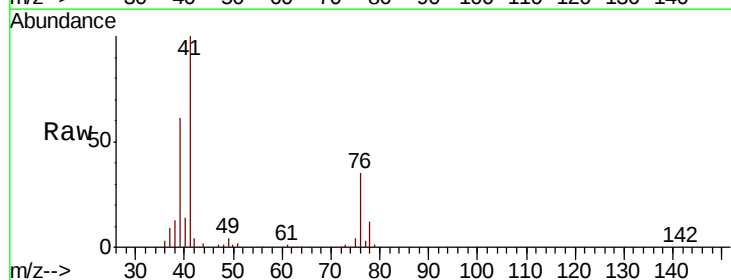
Tgt Ion: 41 Resp: 46203

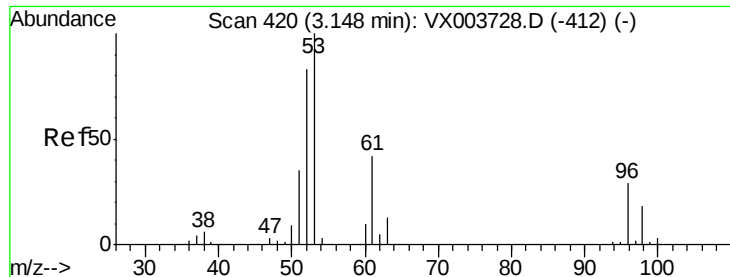
Ion Ratio Lower Upper

41 100

39 58.0 47.7 71.5

76 32.3 27.0 40.6





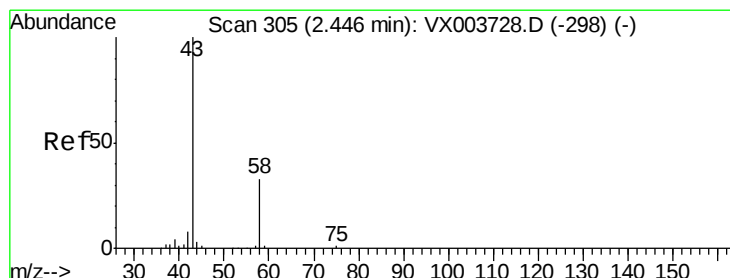
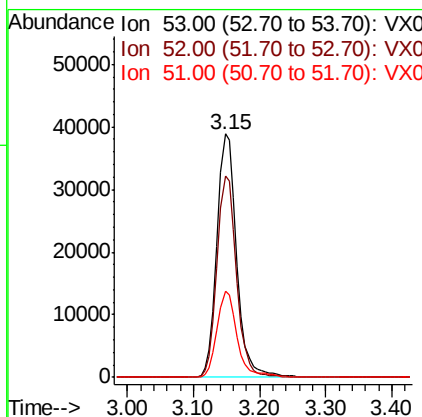
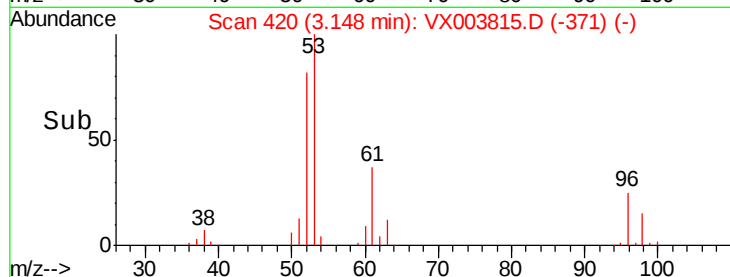
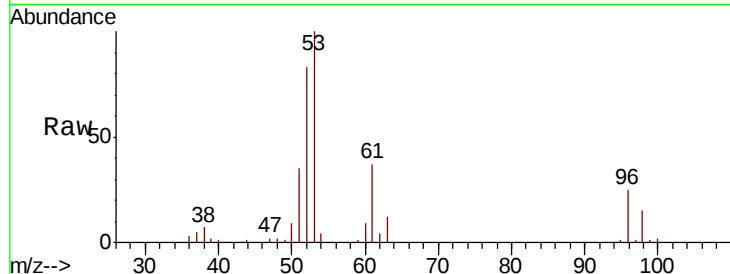
#15
 Acrylonitrile
 Concen: 238.141 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MSD

Tot Ion:	53	Resp:	80317
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.2	99.2
51	36.1	28.5	42.7

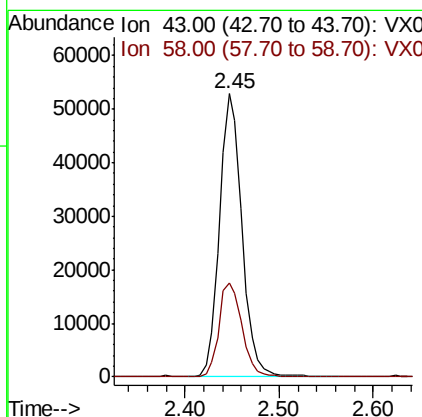
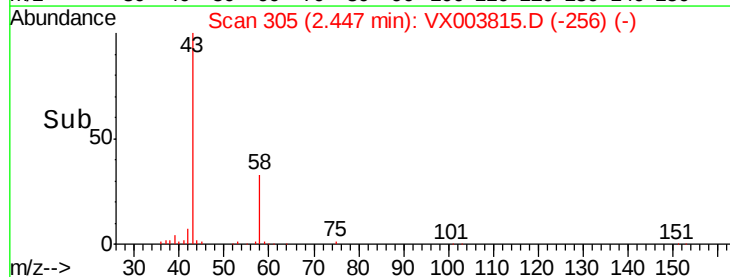
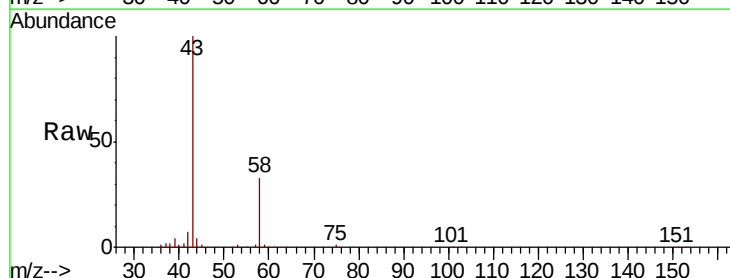
Manual Integrations
 APPROVED

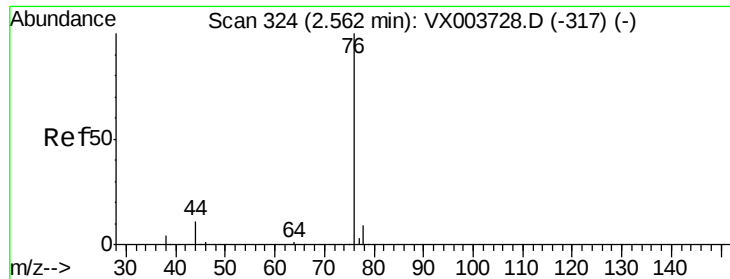
apatel
 8/2/2018 4:51:05 PM



#16
 Acetone
 Concen: 278.198 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion:	43	Resp:	87031
Ion Ratio	Lower	Upper	
43	100		
58	33.4	26.7	40.1





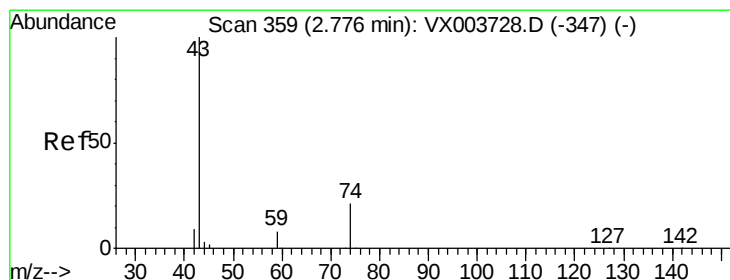
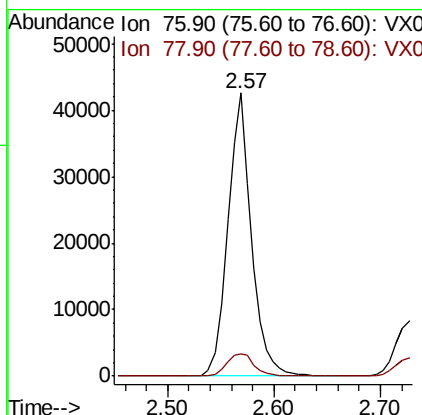
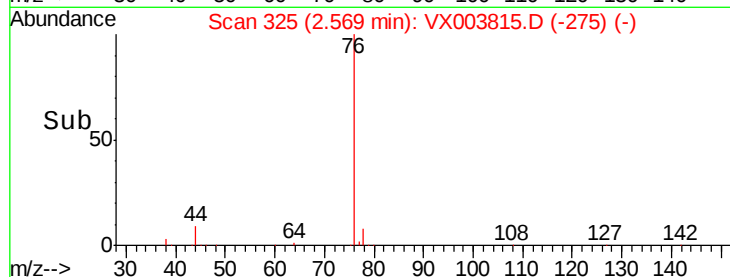
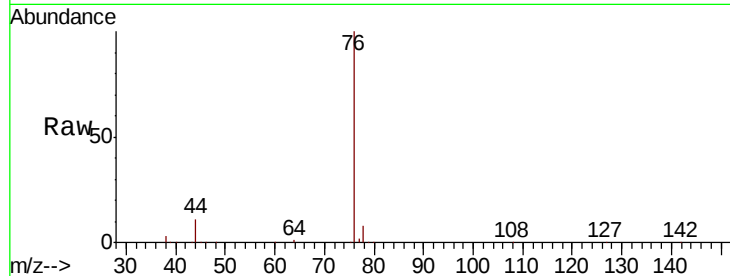
#17
Carbon Disulfide
Concen: 27.830 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.3	10.9

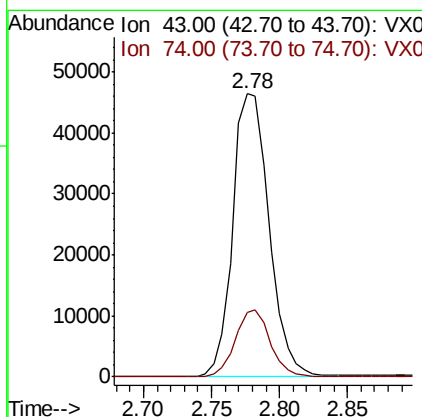
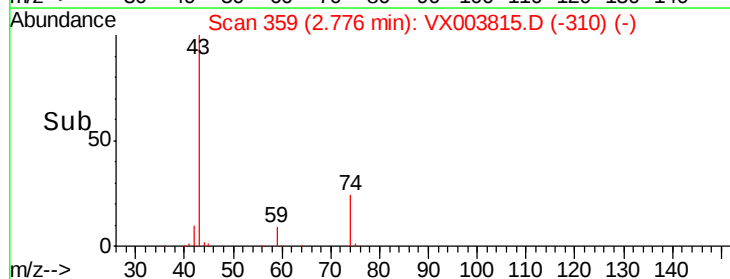
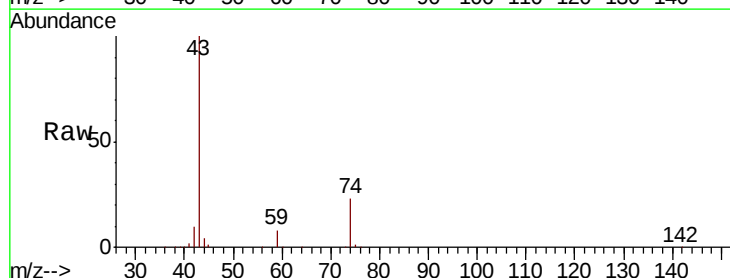
Manual Integrations
APPROVED

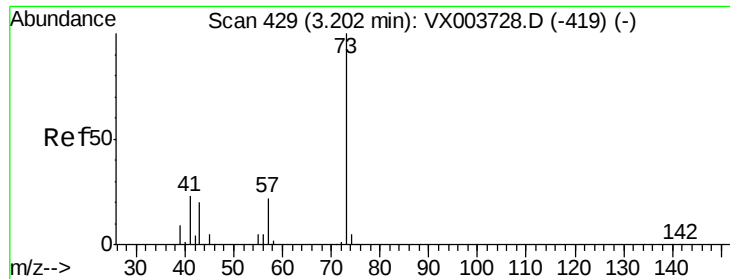
apatel
8/2/2018 4:51:05 PM



#18
Methyl Acetate
Concen: 98.266 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.9	28.3





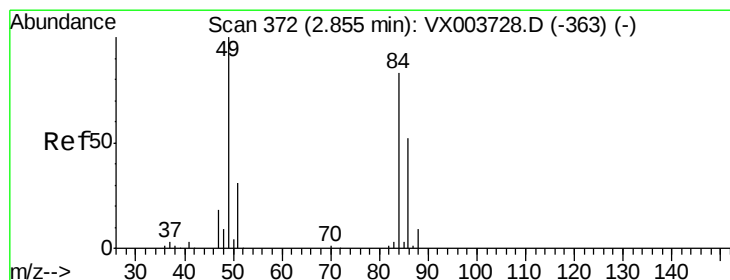
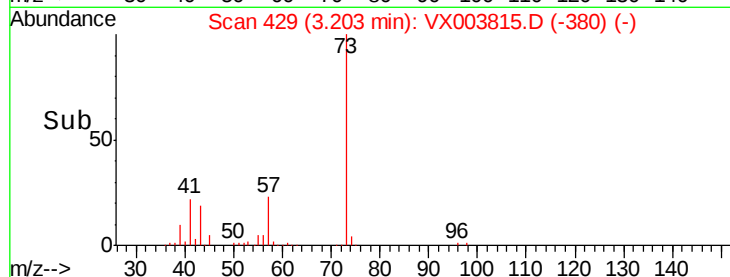
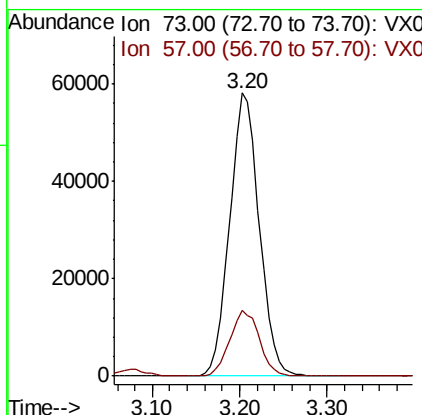
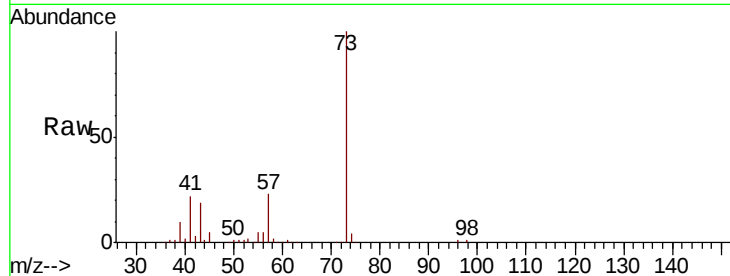
#19
Methyl tert-butyl Ether
Concen: 69.288 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.0	27.0

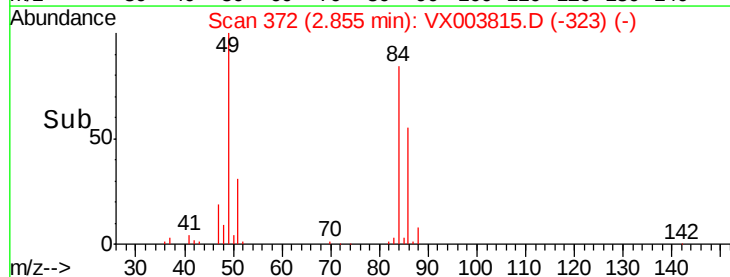
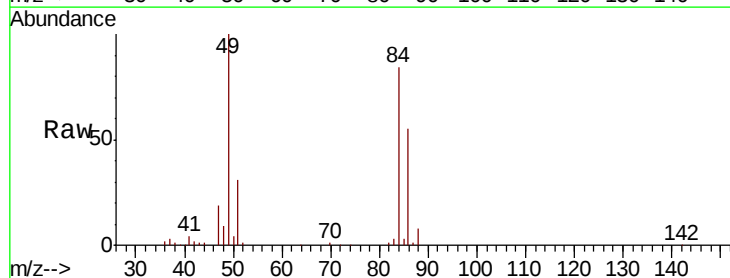
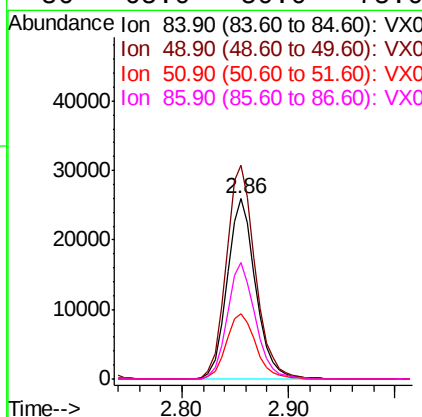
Manual Integrations
APPROVED

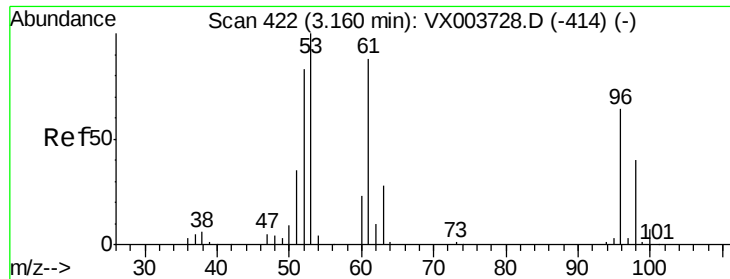
apatel
8/2/2018 4:51:05 PM



#20
Methylene Chloride
Concen: 59.417 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.6	95.8	143.8
51	36.6	29.6	44.4
86	65.0	50.0	75.0





#21

trans-1,2-Dichloroethene

Concen: 41.213 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion: 96 Resp: 32686

Ion Ratio Lower Upper

96 100

61 143.6 110.9 166.3

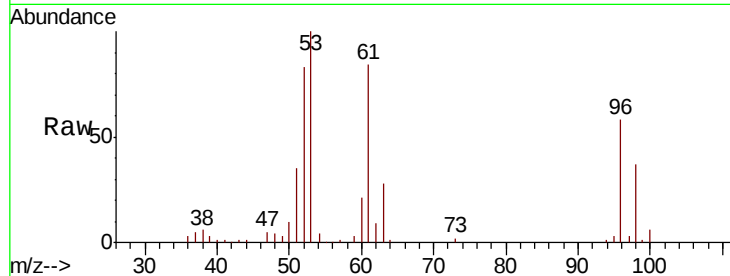
98 63.0 50.2 75.4

Manual Integrations

APPROVED

apatel

8/2/2018 4:51:05 PM

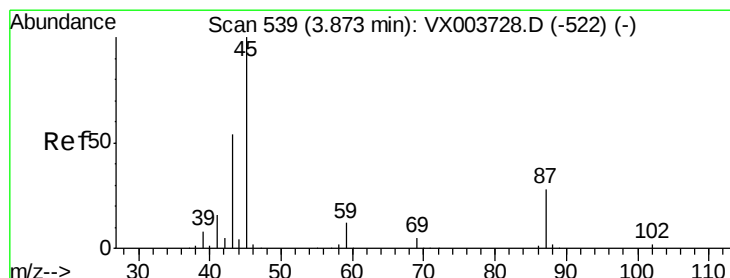
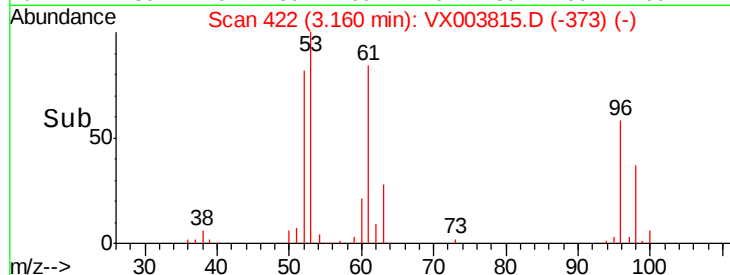
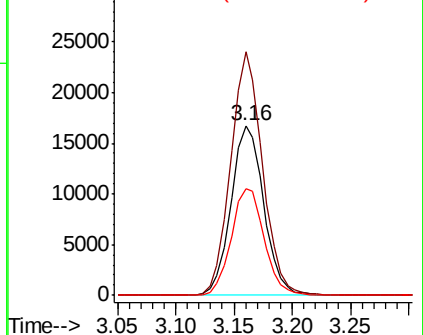


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 67.302 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Tgt Ion: 45 Resp: 155889

Ion Ratio Lower Upper

45 100

43 52.8 43.5 65.3

87 27.4 22.6 33.8

59 11.4 9.3 13.9

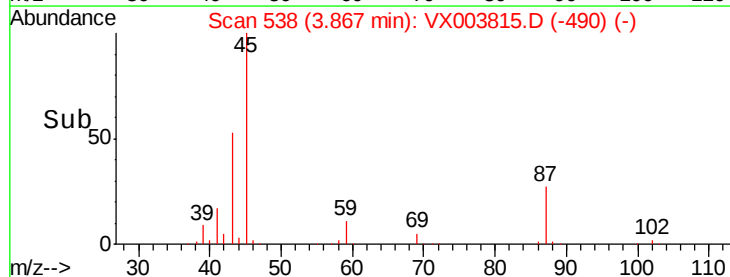
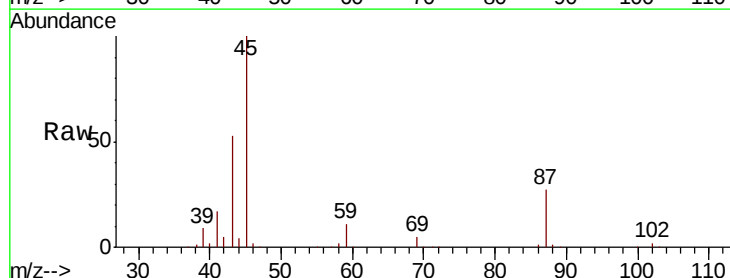
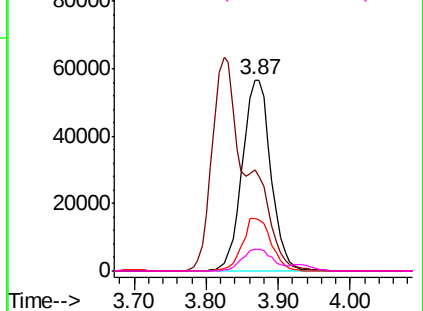
Abundance

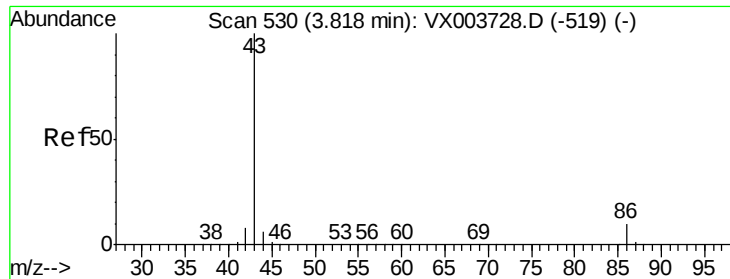
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.645 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion: 43 Resp: 158110

Ion Ratio Lower Upper

43 100

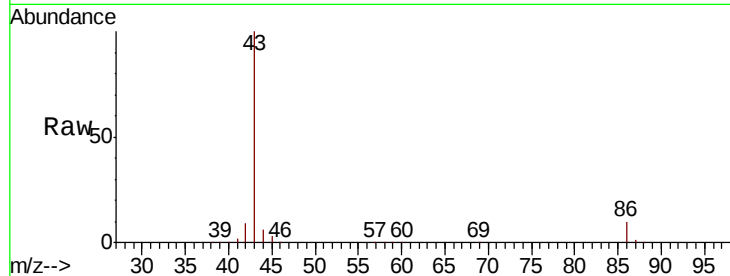
86 10.0 8.2 12.2

Manual Integrations

APPROVED

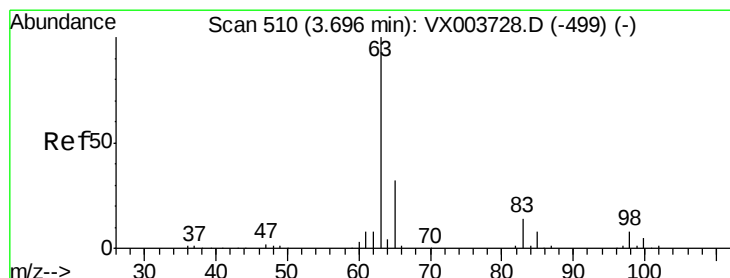
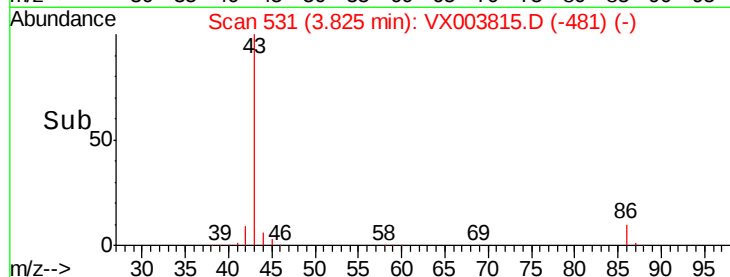
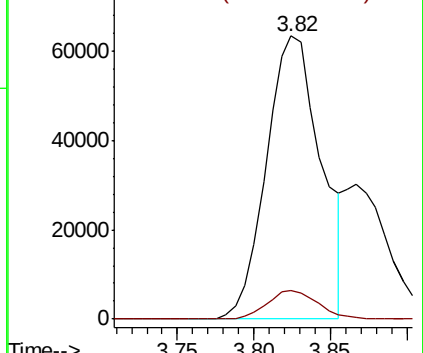
apatel

8/2/2018 4:51:05 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 62.821 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

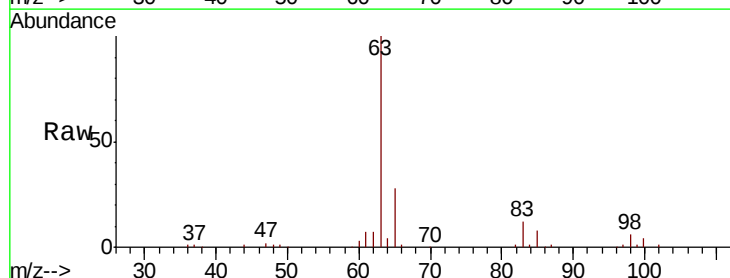
Tgt Ion: 63 Resp: 84858

Ion Ratio Lower Upper

63 100

98 6.2 4.0 12.0

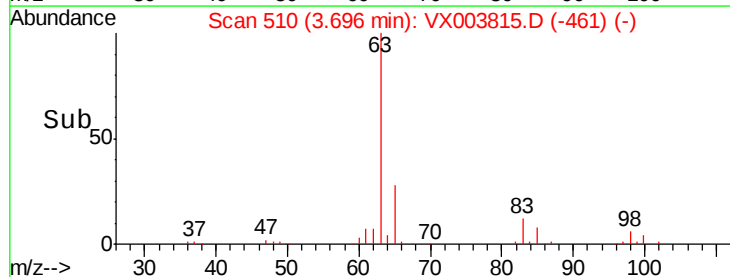
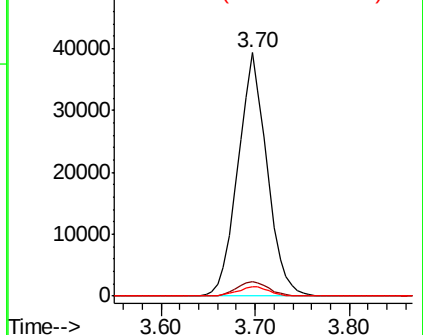
100 4.0 2.4 7.2

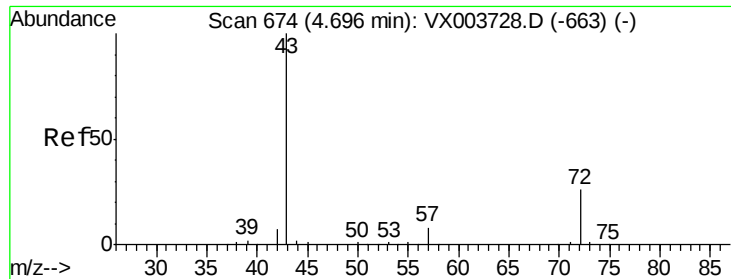


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 253.194 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion: 43 Resp: 115469

Ion Ratio Lower Upper

43 100

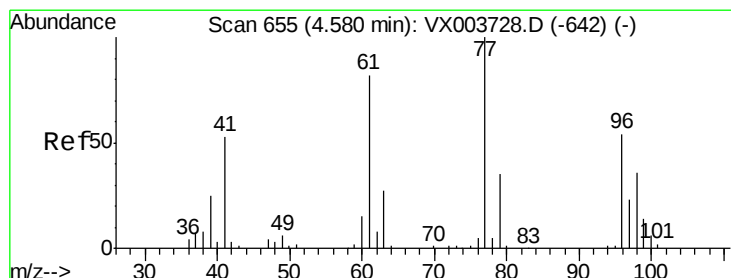
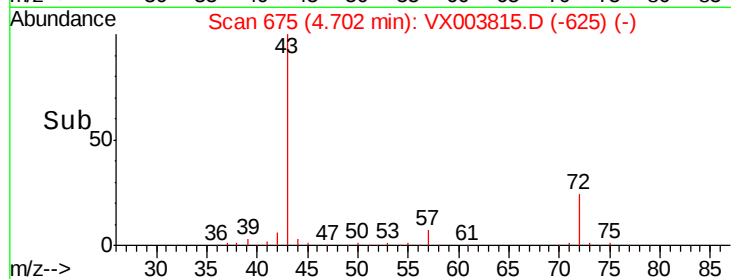
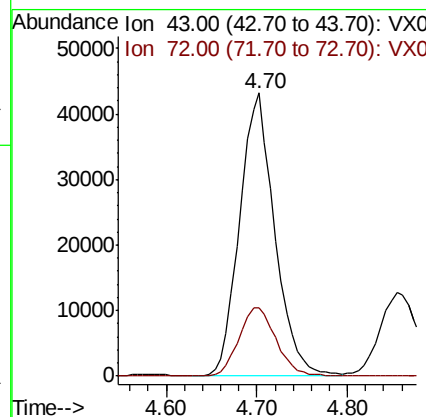
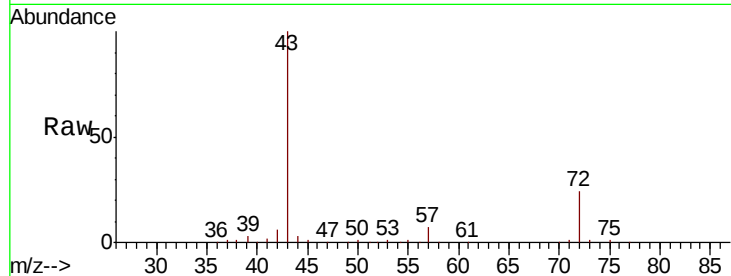
72 24.3 20.9 31.3

Manual Integrations

APPROVED

apatel

8/2/2018 4:51:05 PM



#26

2,2-Dichloropropane

Concen: 45.685 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003815.D

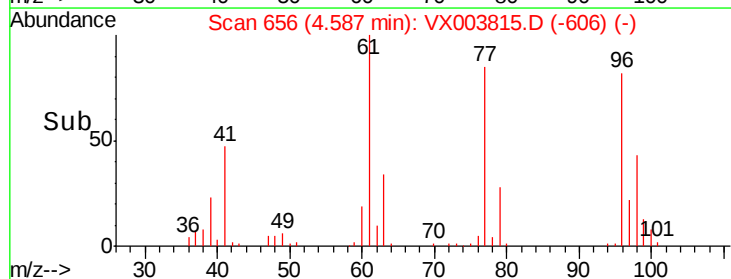
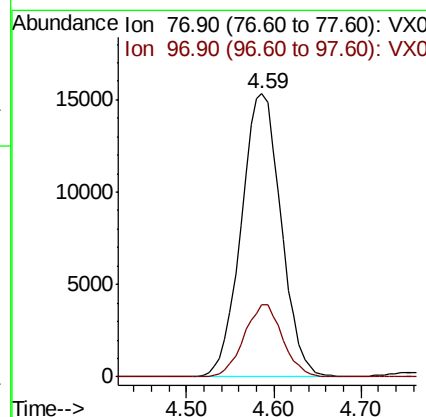
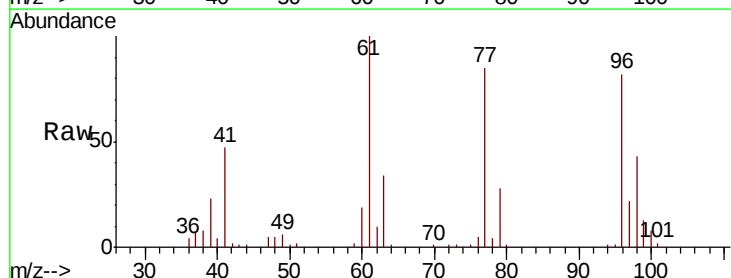
Acq: 02 Aug 2018 00:17

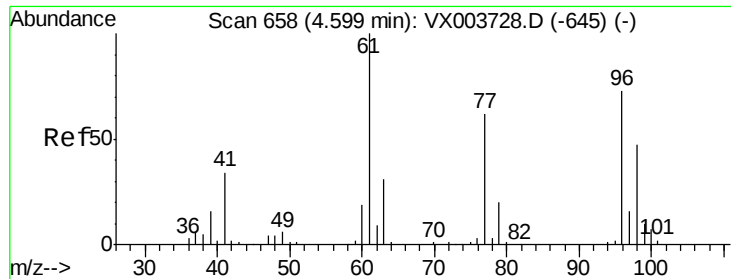
Tgt Ion: 77 Resp: 48603

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

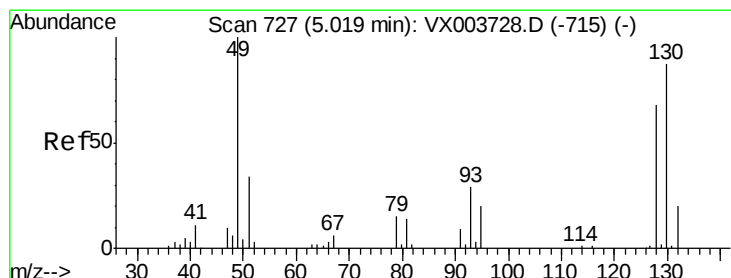
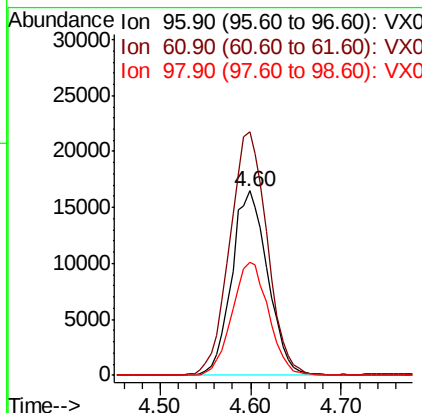
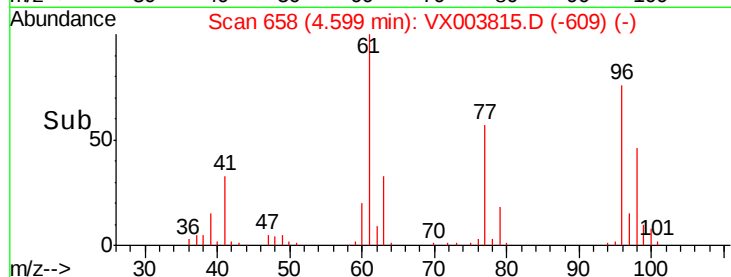
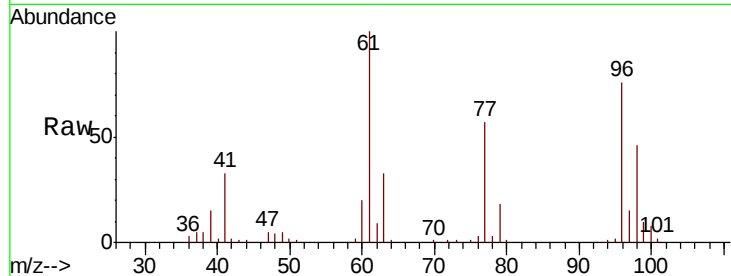
cis-1,2-Dichloroethene
Concen: 53.258 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampled :
SB-6(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	45520		
61	137.1	0.0	285.6	
98	62.0	0.0	131.0	

Manual Integrations
APPROVED

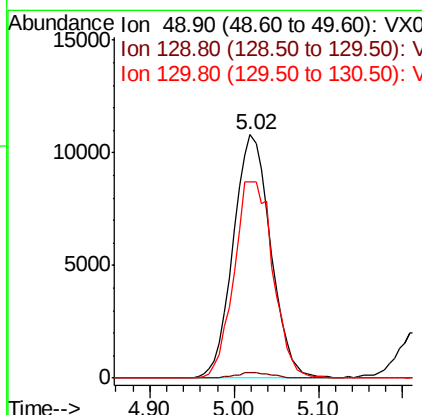
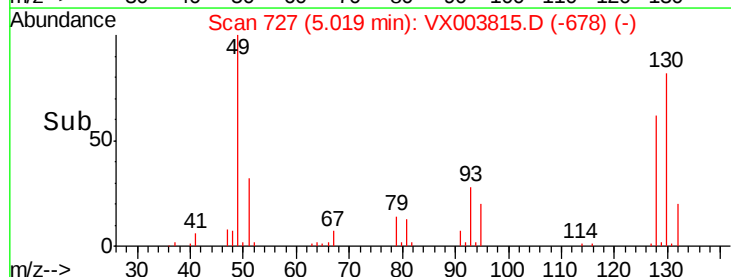
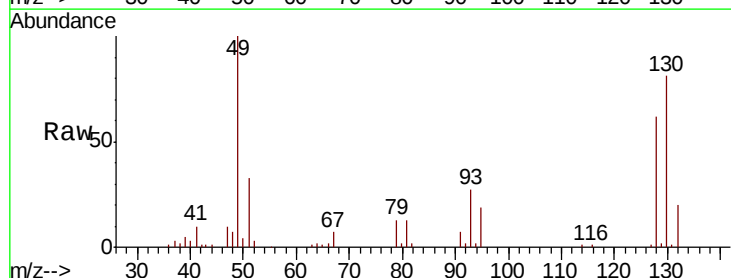
apatel
8/2/2018 4:51:05 PM

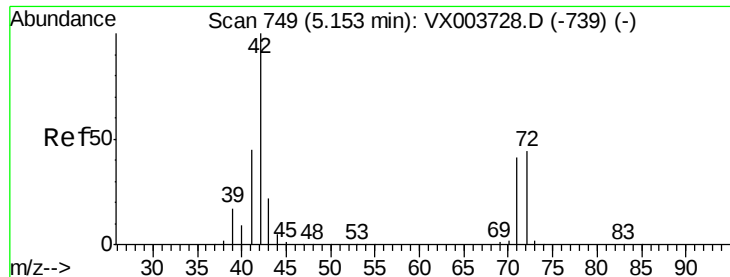


#28

Bromochloromethane
Concen: 53.662 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	32515		
129	2.1	0.0	4.0	
130	84.0	68.9	103.3	





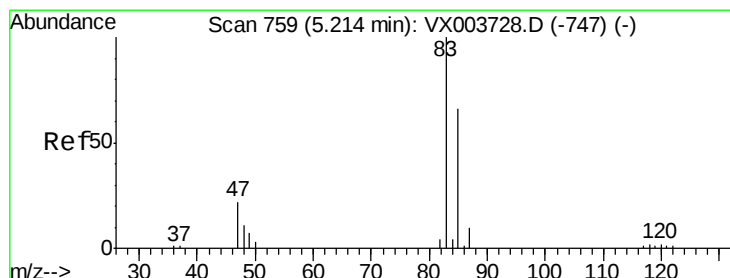
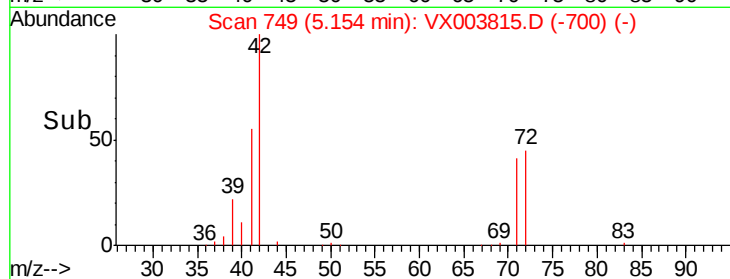
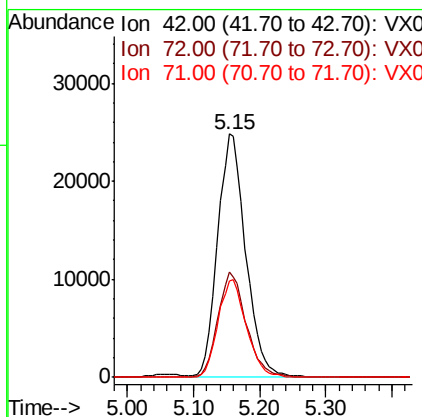
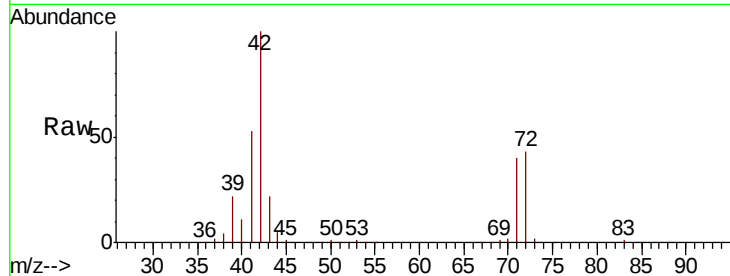
#29
Tetrahydrofuran
Concen: 250.401 ug/l
RT: 5.15 min Scan# 749
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion:	42	Resp:	72774
Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.6	53.4
71	40.5	33.4	50.0

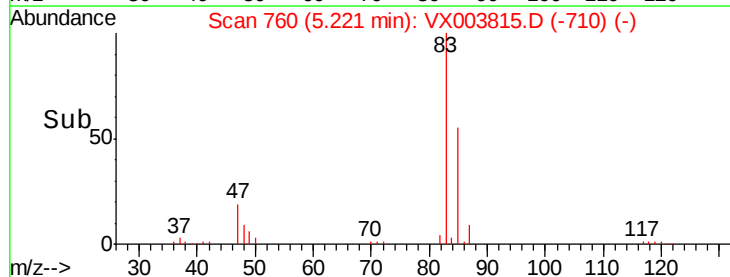
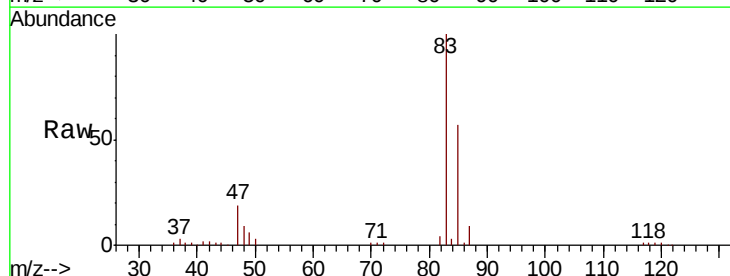
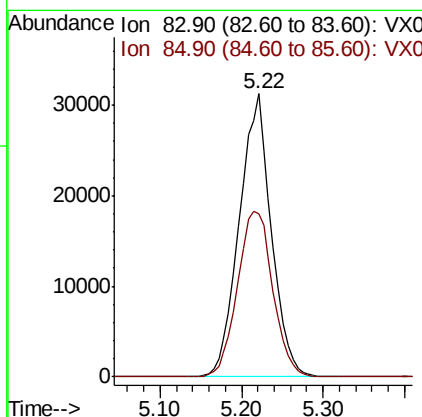
Manual Integrations
APPROVED

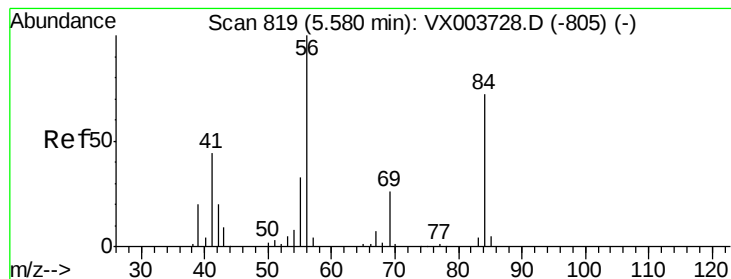
apatel
8/2/2018 4:51:05 PM



#30
Chloroform
Concen: 63.936 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion:	83	Resp:	85103
Ion	Ratio	Lower	Upper
83	100		
85	57.4	52.8	79.2





#31

Cyclohexane

Concen: 47.242 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

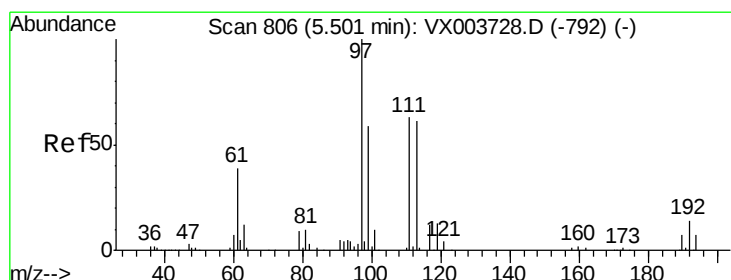
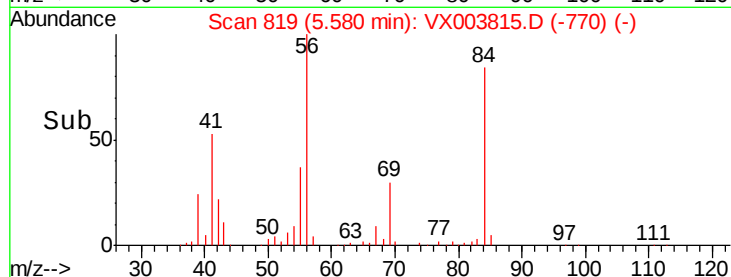
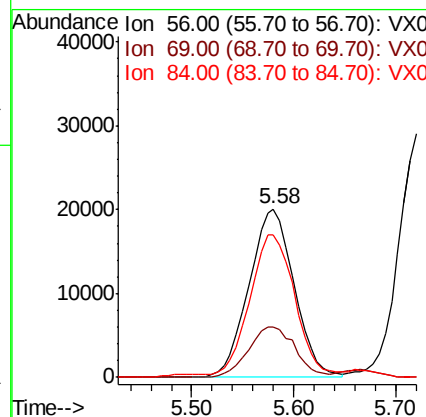
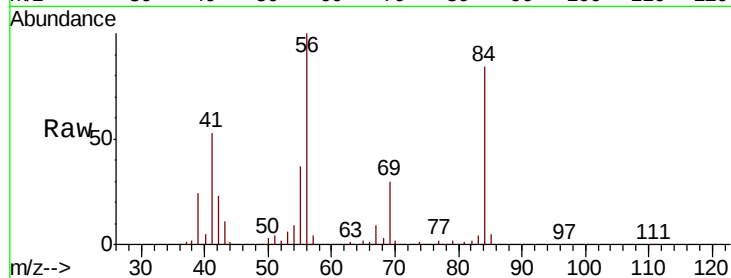
ClientSampled :

SB-6(7-9)MSD

Tot Ion:	56	Resp:	61642
Ion	Ratio	Lower	Upper
56	100		
69	29.7	20.6	30.8
84	82.6	57.9	86.9

Manual Integrations
APPROVED

apatel
8/2/2018 4:51:05 PM



#32

1,1,1-Trichloroethane

Concen: 58.863 ug/l

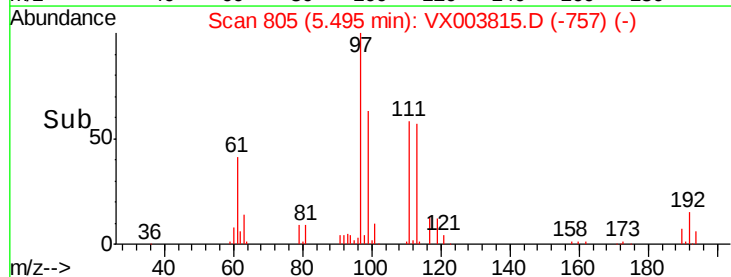
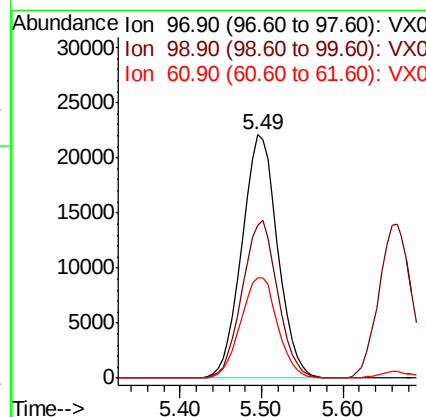
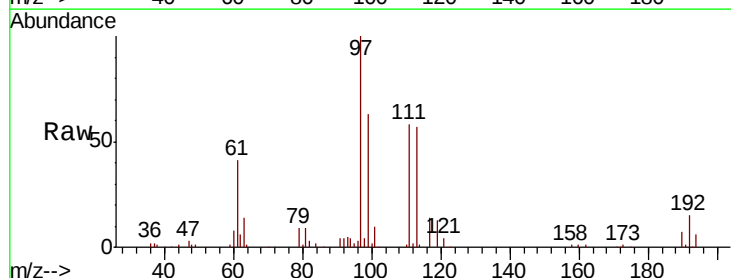
RT: 5.49 min Scan# 805

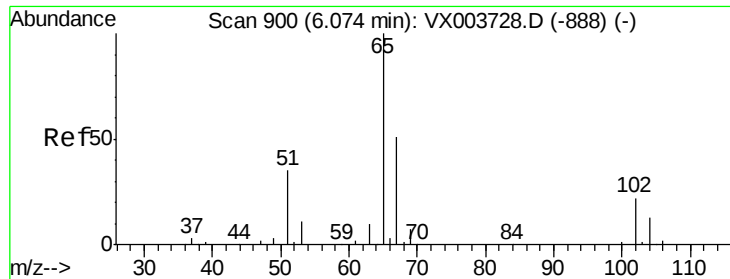
Delta R.T. -0.01 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Tgt Ion:	97	Resp:	67339
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.2
61	42.6	33.4	50.2





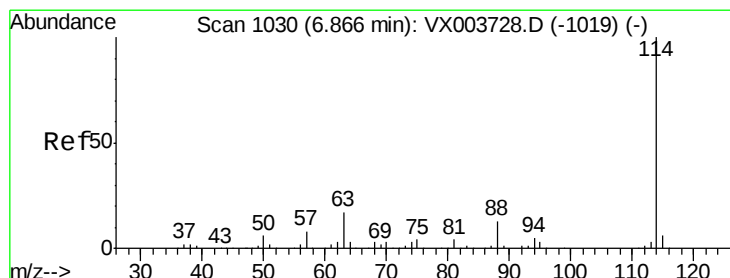
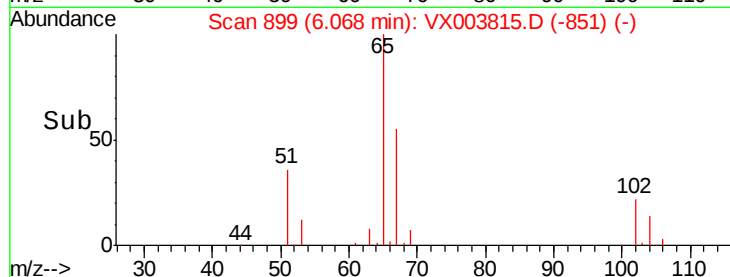
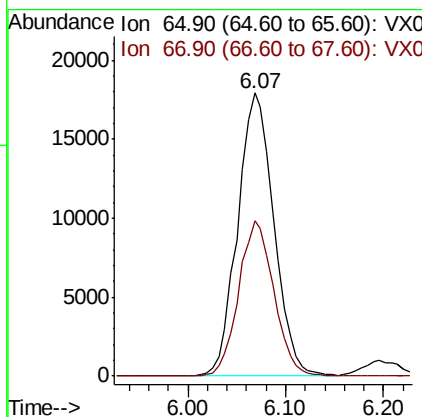
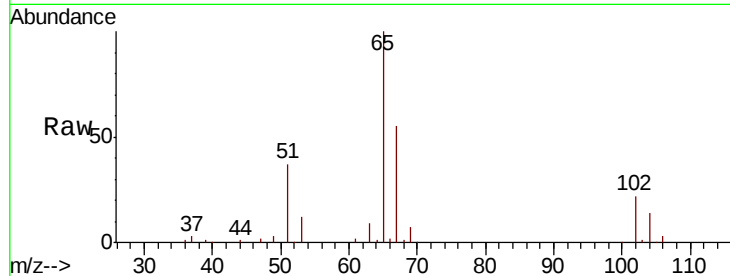
#33
 1,2-Dichloroethane-d4
 Concen: 56.279 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.0

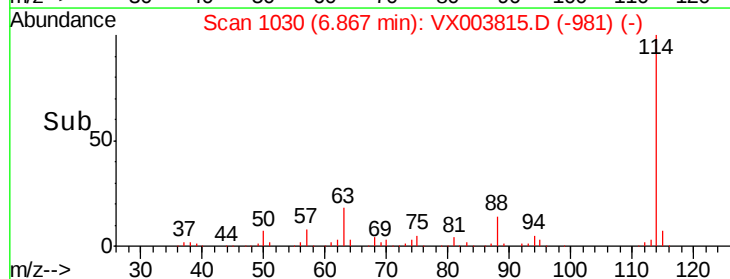
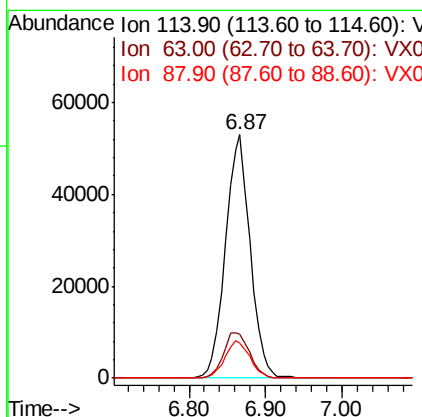
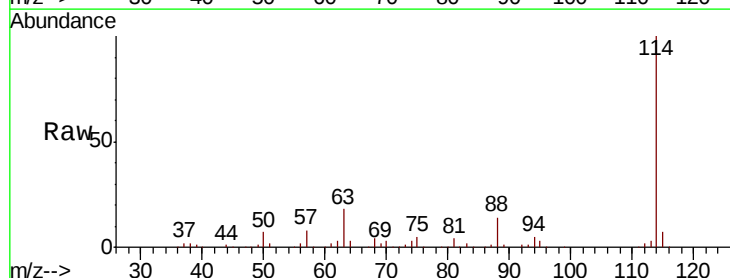
Manual Integrations
 APPROVED

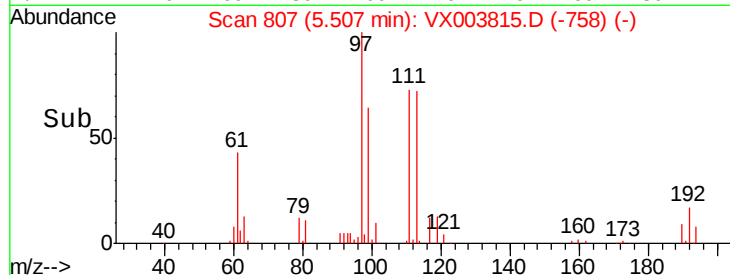
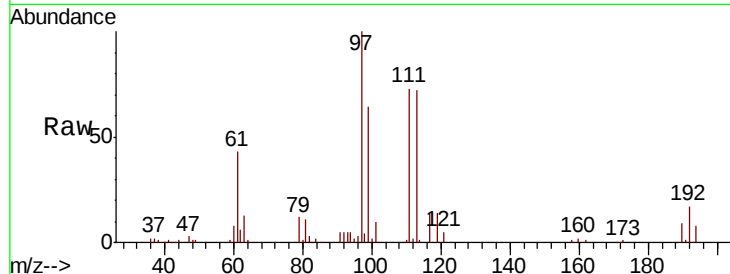
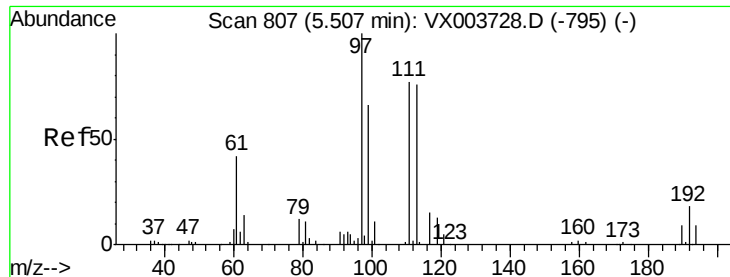
apatel
 8/2/2018 4:51:05 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	34.0
88	14.2	0.0	26.4





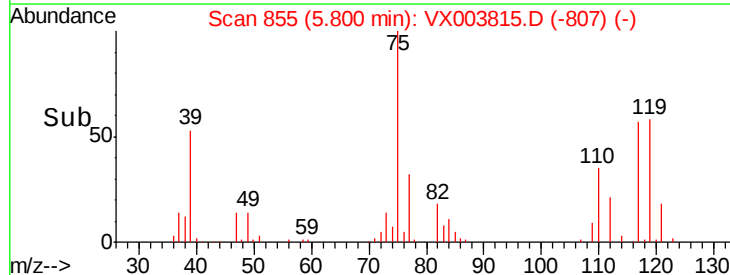
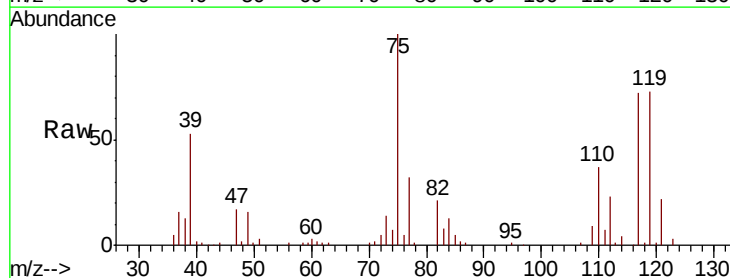
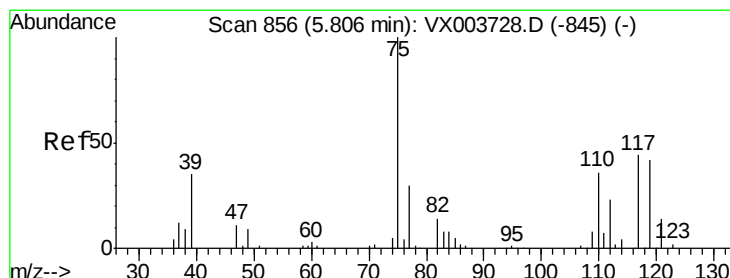
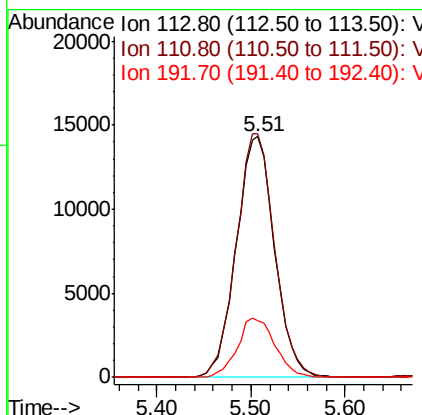
#35
Dibromofluoromethane
Concen: 58.232 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tot Ion:	113	Resp:	40503
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.8	122.6
192	24.2	18.8	28.2

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

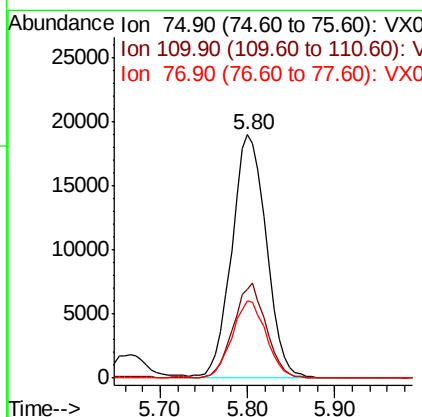
Manual Integrations
APPROVED

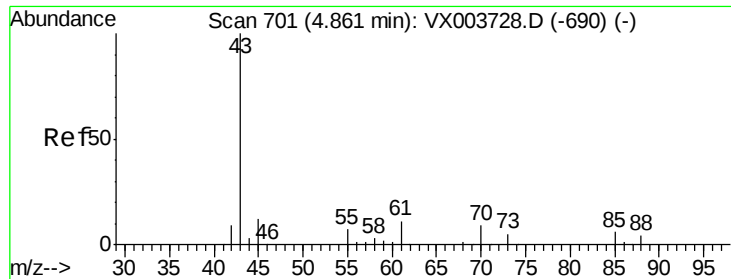
apatel
8/2/2018 4:51:05 PM



#36
1,1-Dichloropropene
Concen: 47.164 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion:	75	Resp:	52174
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.3	54.8
77	31.4	25.1	37.7





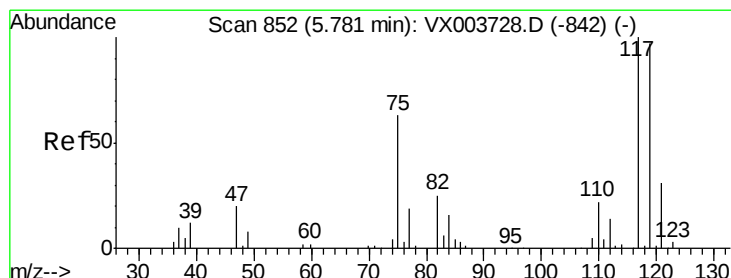
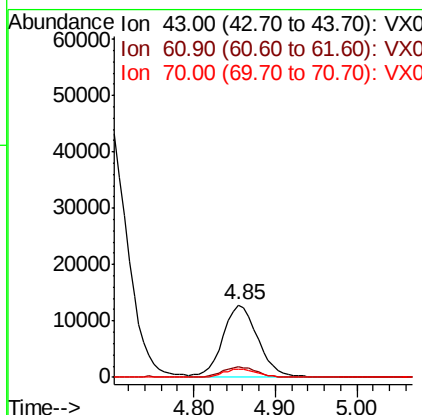
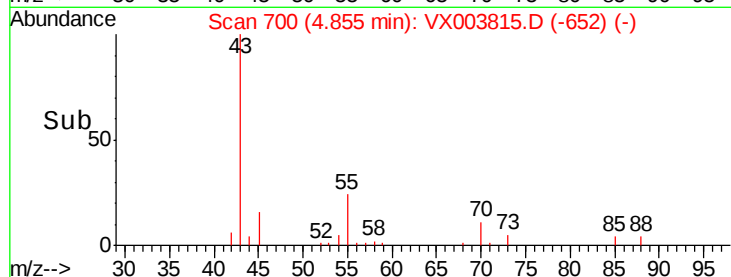
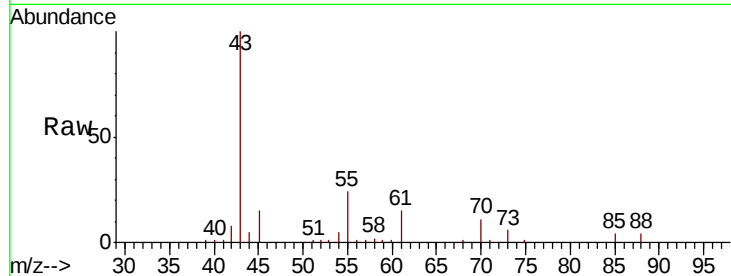
#37
Ethyl Acetate
Concen: 44.309 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.4	17.0
70	10.7	8.2	12.2

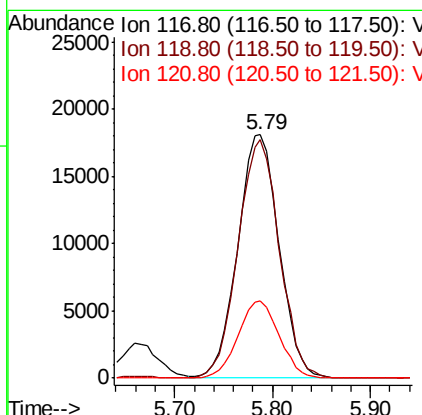
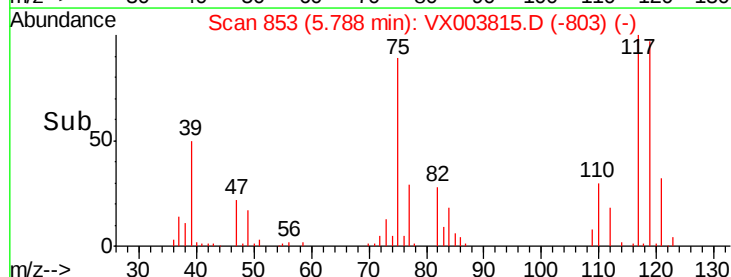
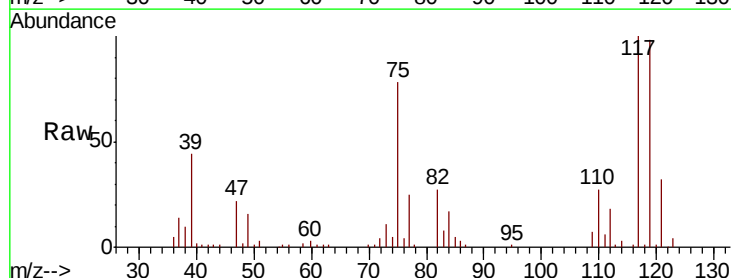
Manual Integrations
APPROVED

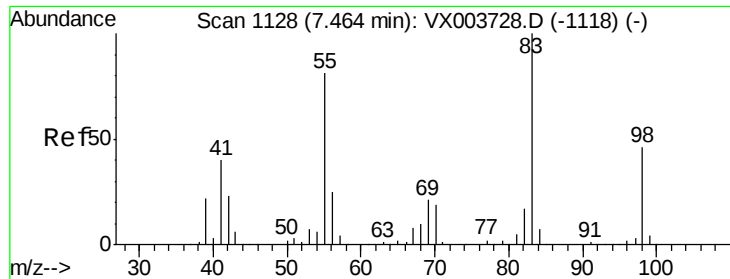
apatel
8/2/2018 4:51:05 PM



#38
Carbon Tetrachloride
Concen: 51.862 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.2	115.8
121	31.9	25.0	37.4





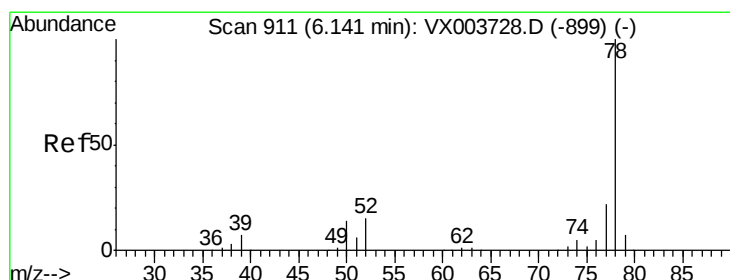
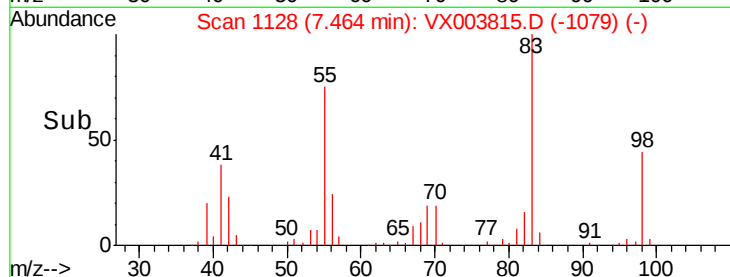
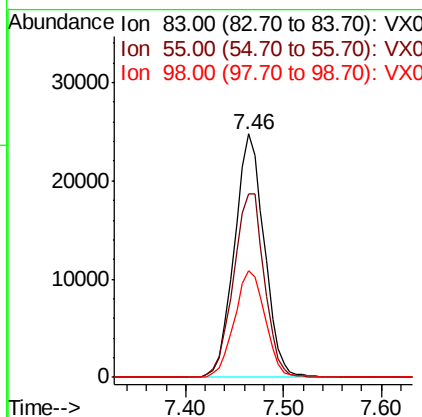
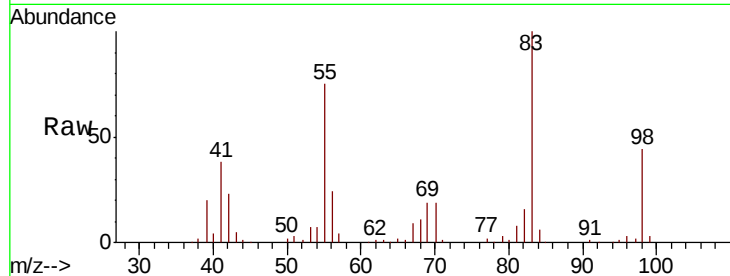
#39
Methvlcvclohexane
Concen: 38.677 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	65.0	97.6
98	44.0	37.1	55.7

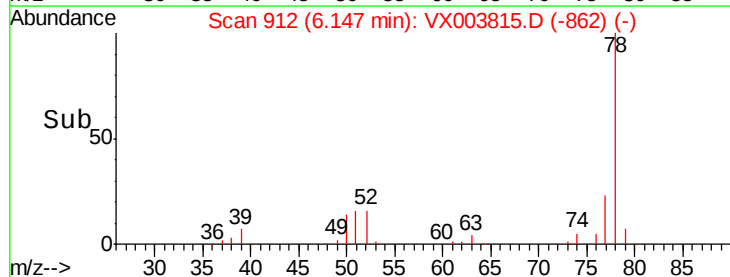
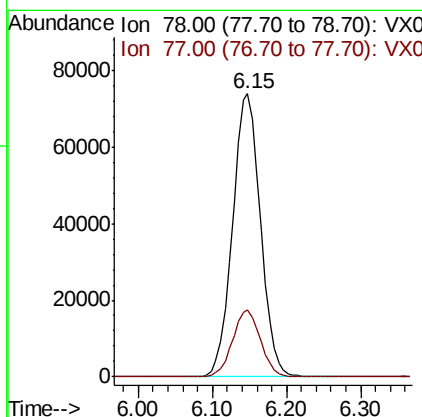
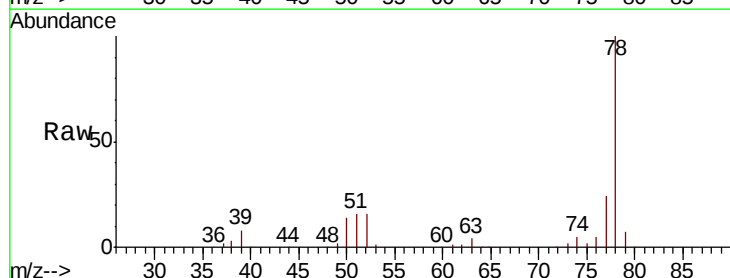
Manual Integrations
APPROVED

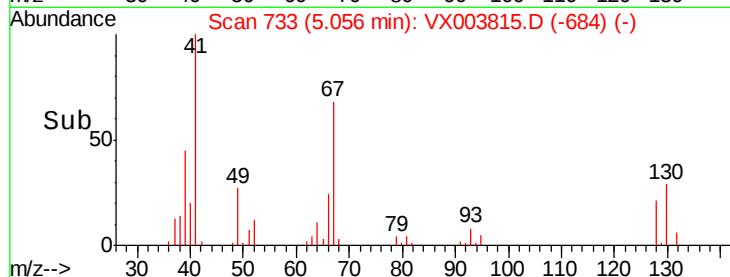
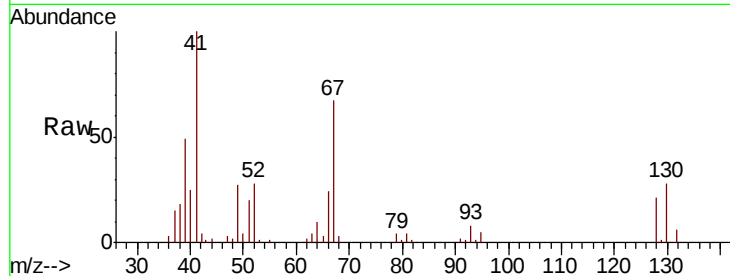
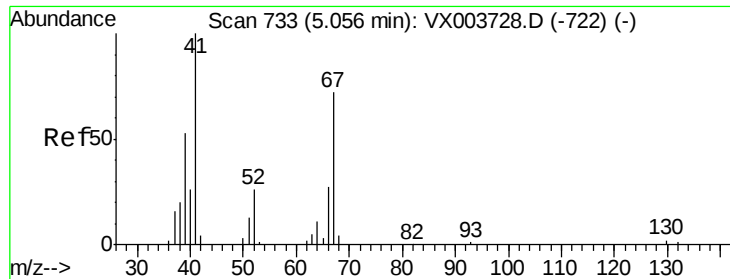
apatel
8/2/2018 4:51:05 PM



#40
Benzene
Concen: 61.190 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	17.9	26.9





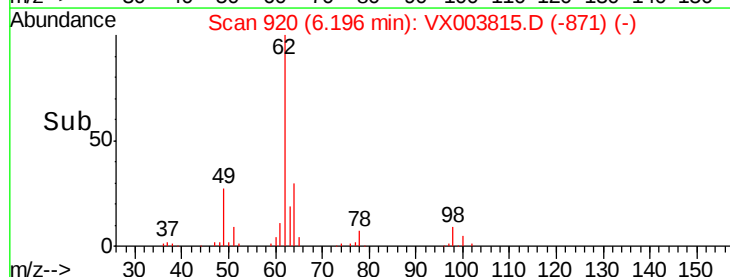
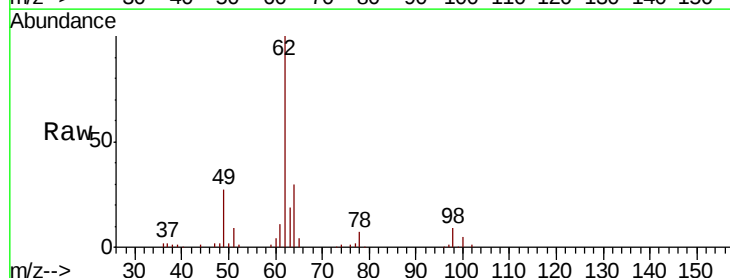
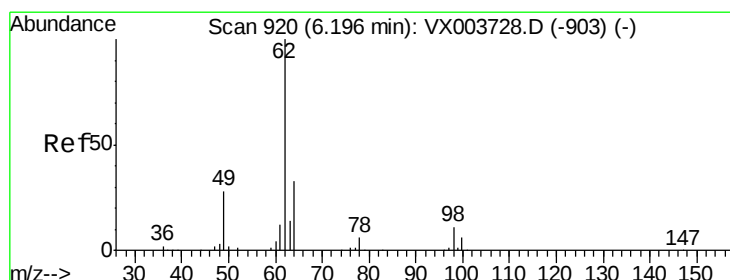
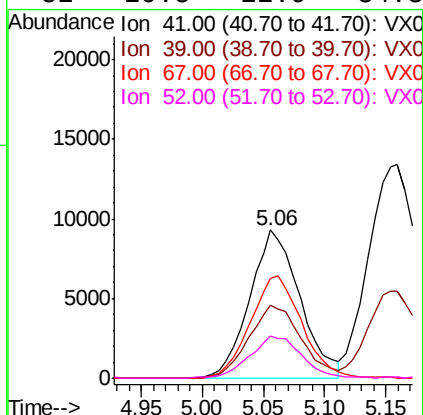
#41
Methacrylonitrile
Concen: 55.662 ug/l
RT: 5.06 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		26661		
39	51.5	42.6	64.0		
67	70.8	58.9	88.3		
52	29.5	22.9	34.3		

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

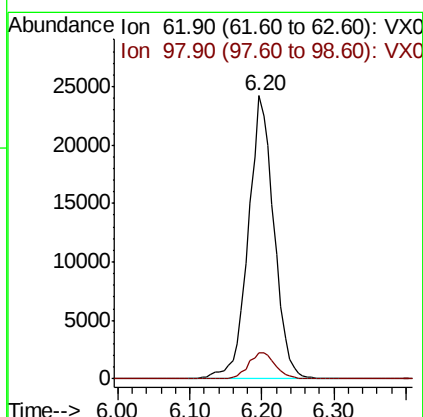
Manual Integrations
APPROVED

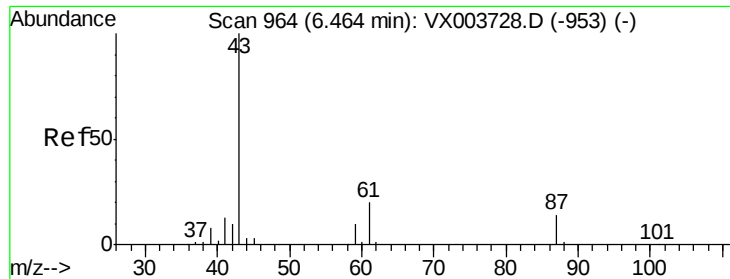
apatel
8/2/2018 4:51:05 PM



#42
1,2-Dichloroethane
Concen: 62.626 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		59963		
98	9.6	0.0	20.4		





#43

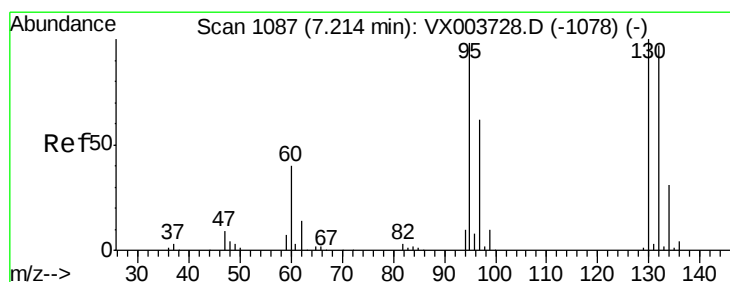
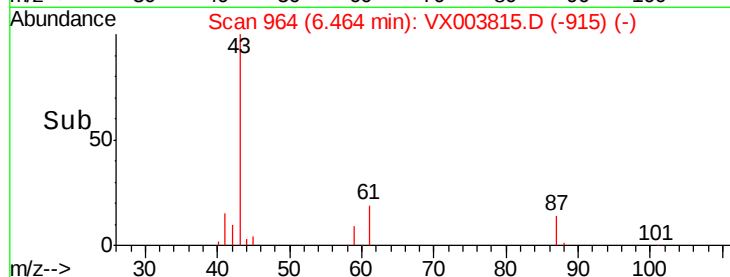
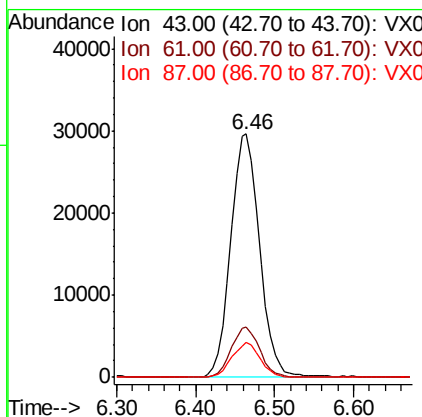
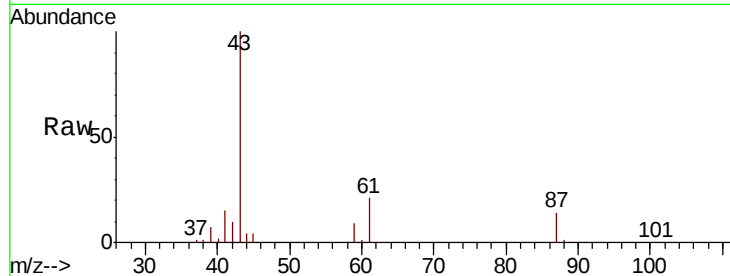
Isopropyl Acetate
 Concen: 55.910 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.5	24.7
87	13.8	10.7	16.1

Manual Integrations
 APPROVED

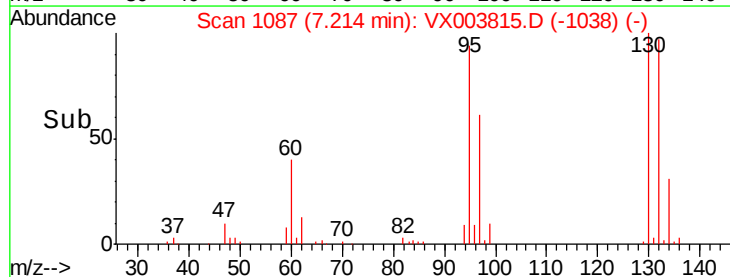
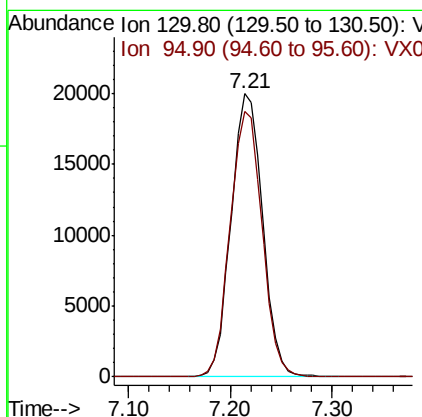
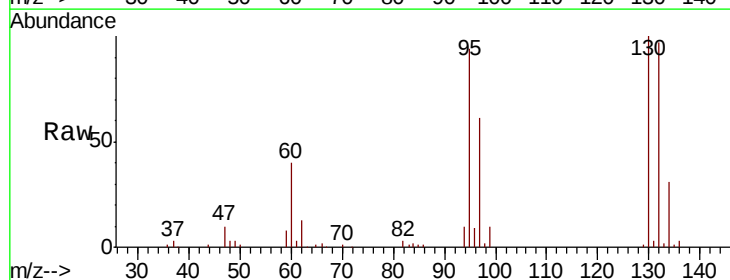
apatel
 8/2/2018 4:51:05 PM

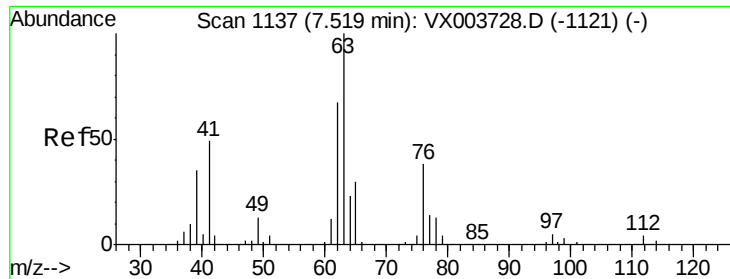


#44

Trichloroethene
 Concen: 47.179 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	196.2





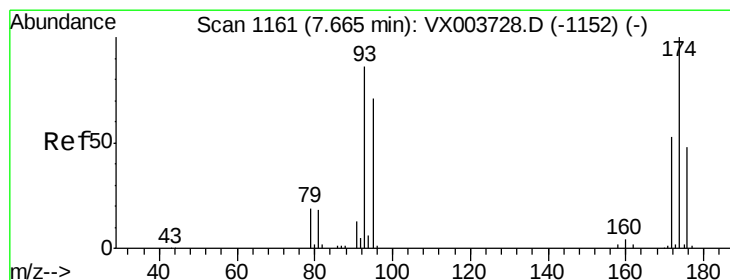
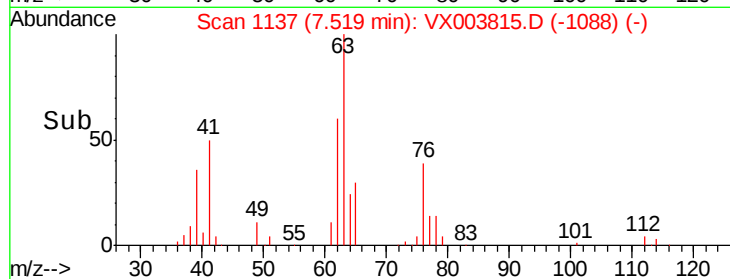
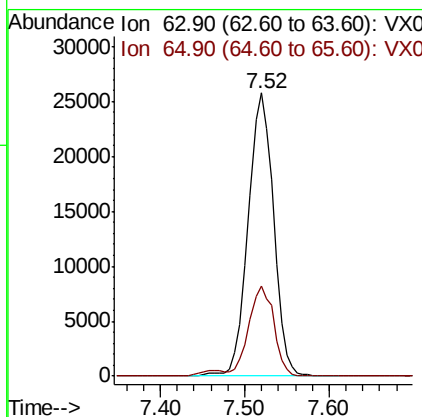
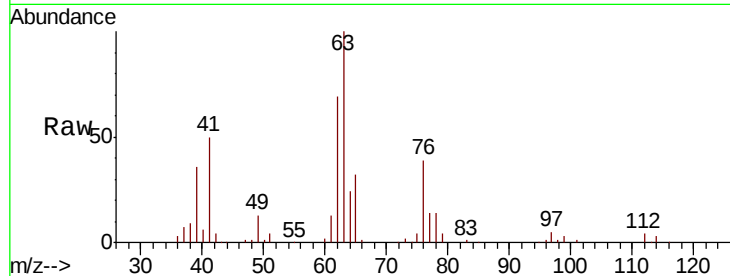
#45
 1,2-Dichloropropane
 Concen: 67.360 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion	63	Resp	52512
Ion Ratio	100	Lower	Upper
63	100		
65	31.8	23.7	35.5

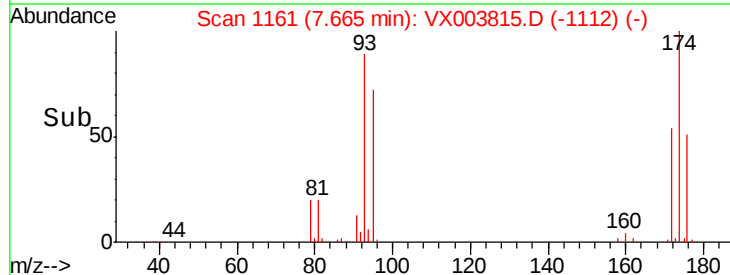
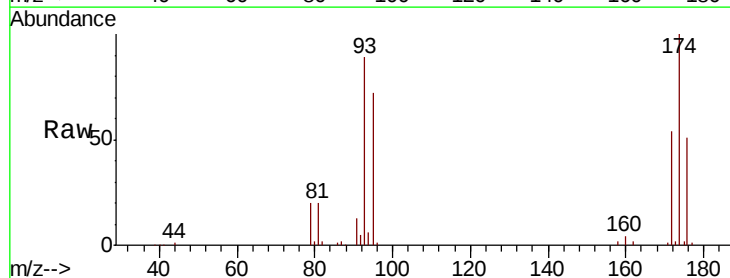
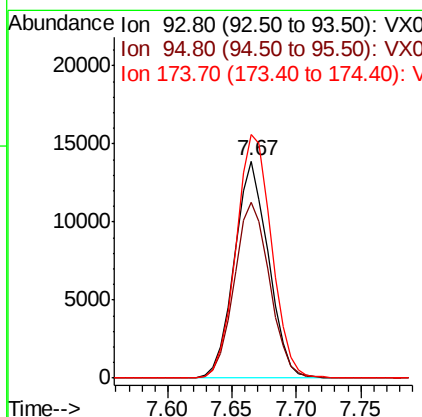
Manual Integrations
 APPROVED

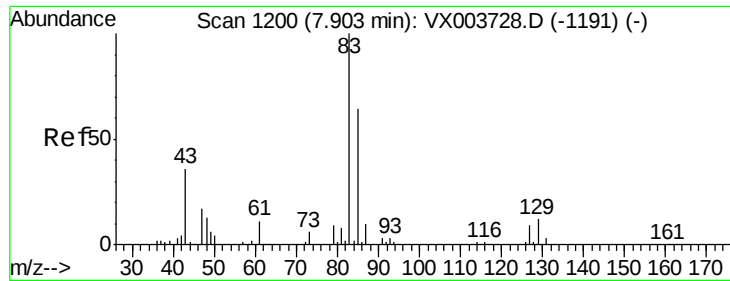
apatel
 8/2/2018 4:51:05 PM



#46
 Dibromomethane
 Concen: 56.595 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion	93	Resp	25425
Ion Ratio	100	Lower	Upper
93	100		
95	84.2	68.1	102.1
174	117.4	96.2	144.4





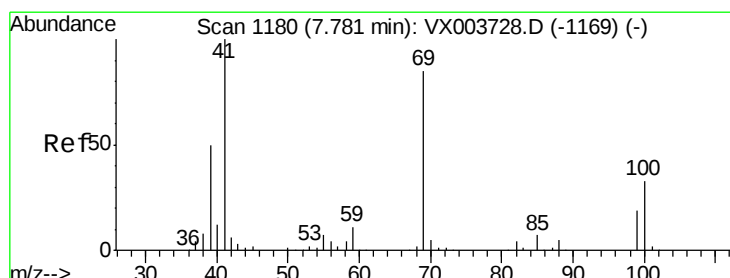
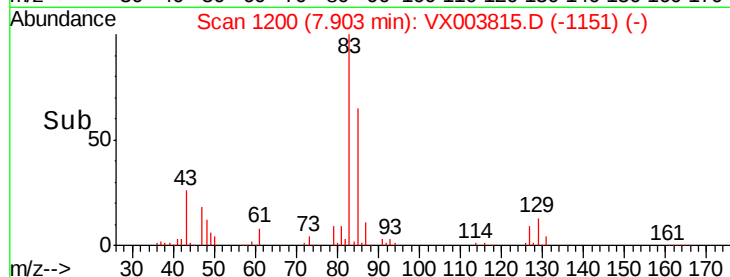
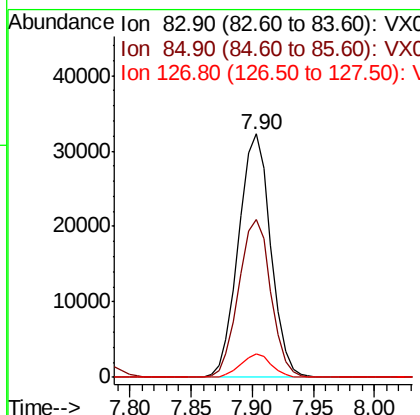
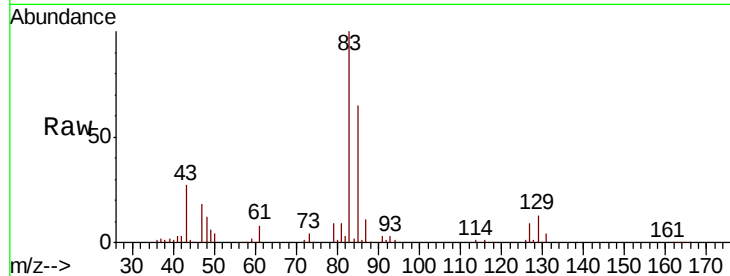
#47
 Bromodichloromethane
 Concen: 65.926 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.1	76.7
127	9.5	7.1	10.7

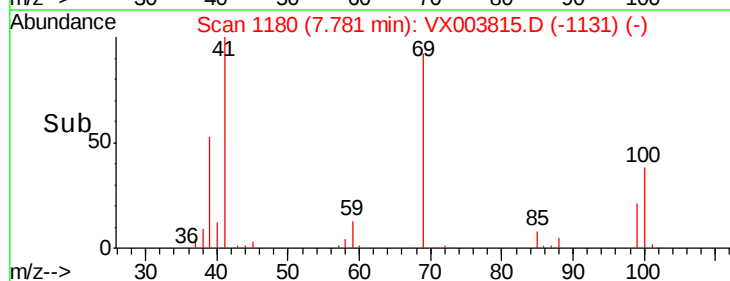
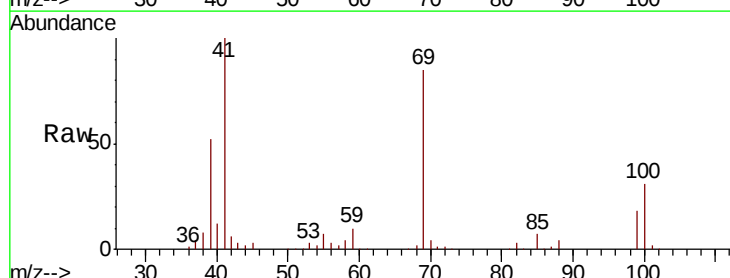
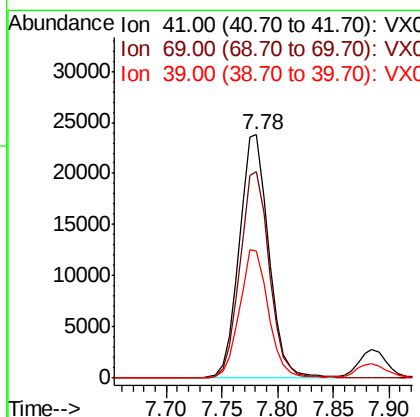
Manual Integrations
 APPROVED

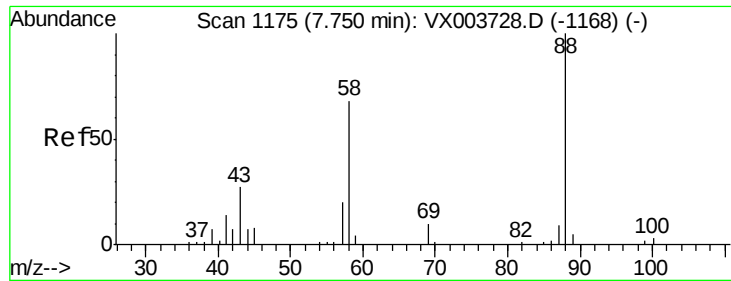
apatel
 8/2/2018 4:51:05 PM



#48
 Methyl methacrylate
 Concen: 64.660 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.8	68.7	103.1
39	51.6	40.8	61.2





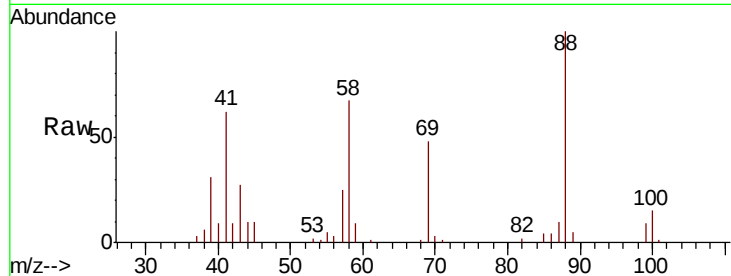
#49
1,4-Dioxane
Concen: 962.495 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

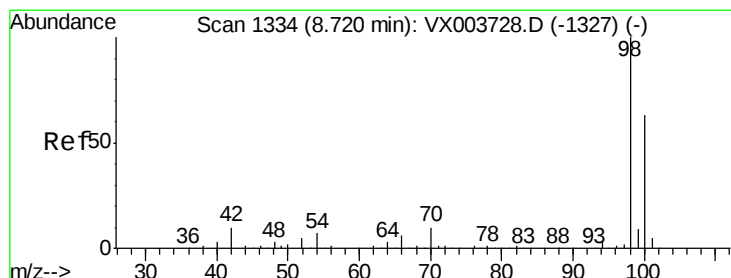
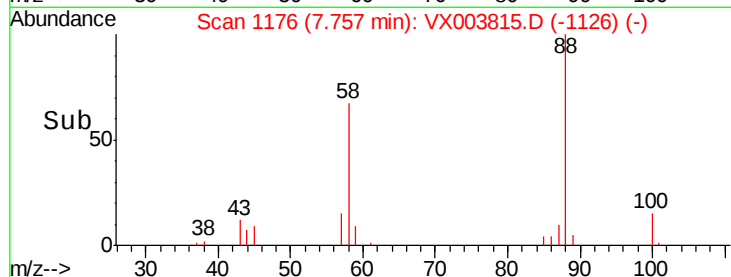
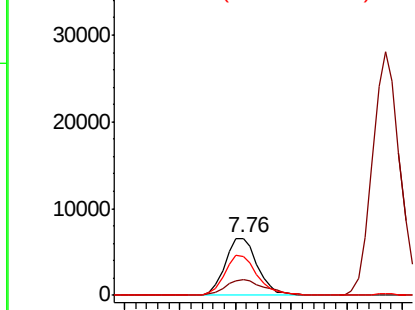
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	26.0	39.0
58	71.6	57.1	85.7

Manual Integrations
APPROVED

apatel
8/2/2018 4:51:05 PM

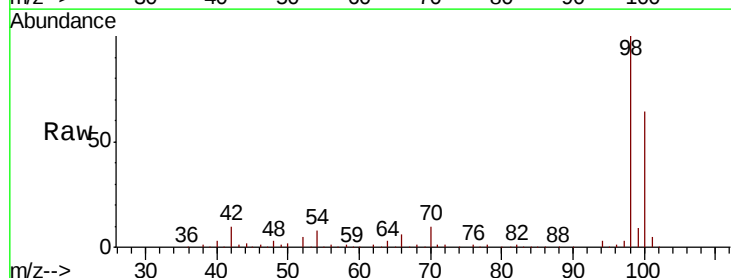


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

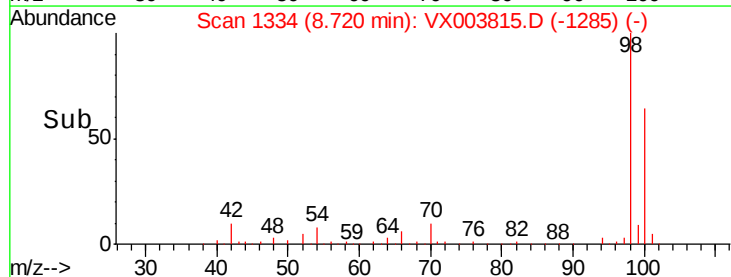
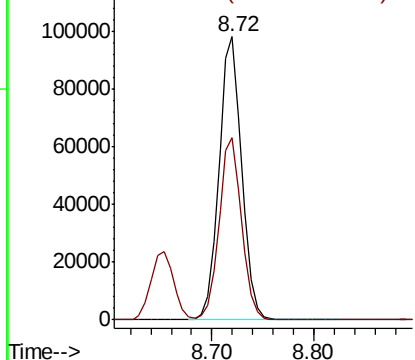


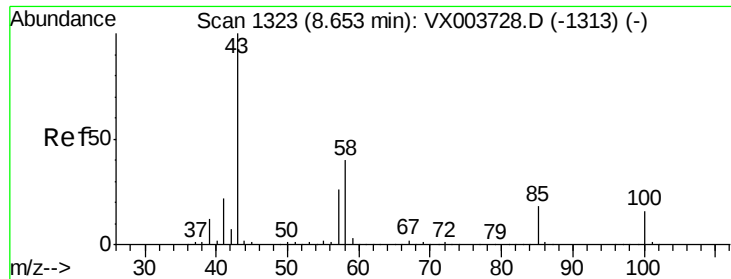
#50
Toluene-d8
Concen: 52.388 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 289.008 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion: 43 Resp: 240475

Ion Ratio Lower Upper

43 100

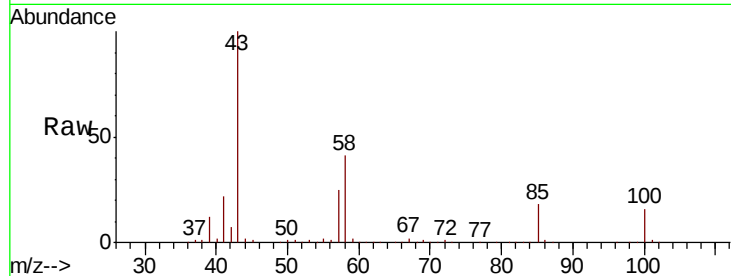
58 39.9 32.1 48.1

Manual Integrations

APPROVED

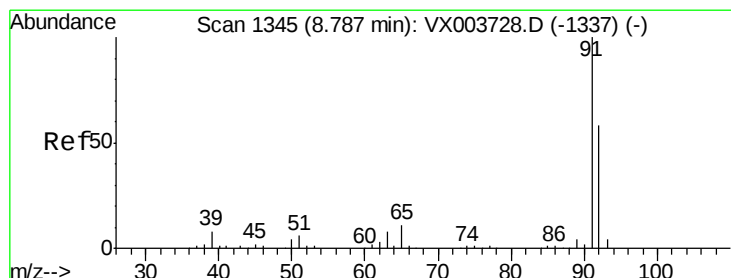
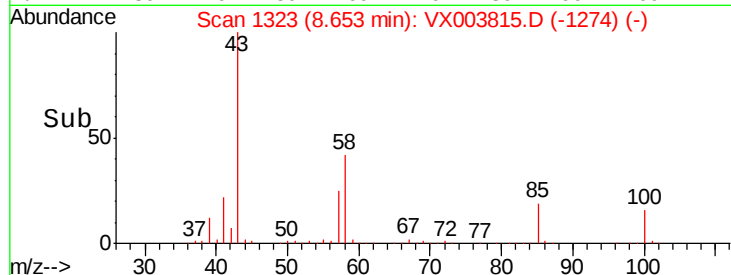
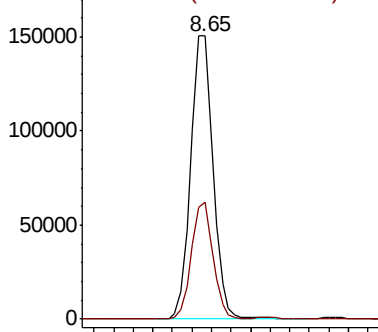
apatel

8/2/2018 4:51:05 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 56.491 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003815.D

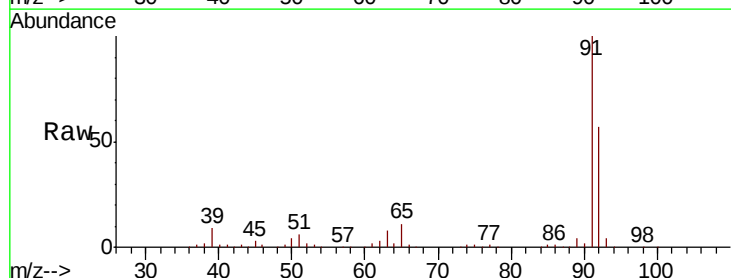
Acq: 02 Aug 2018 00:17

Tgt Ion: 92 Resp: 111709

Ion Ratio Lower Upper

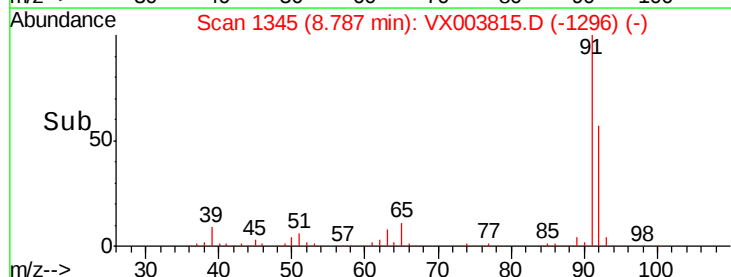
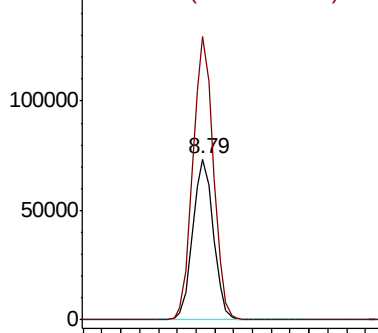
92 100

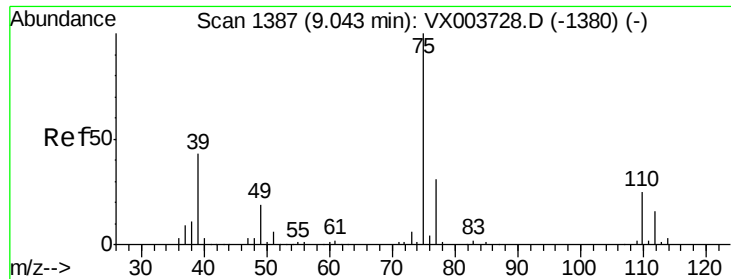
91 175.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





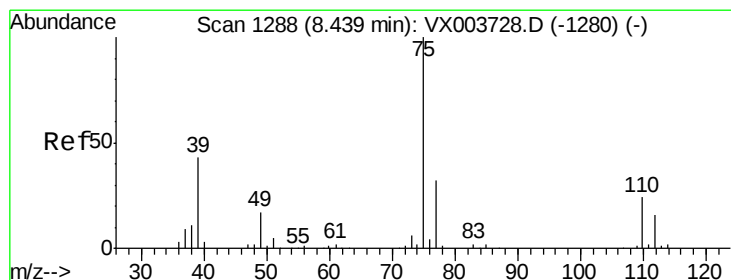
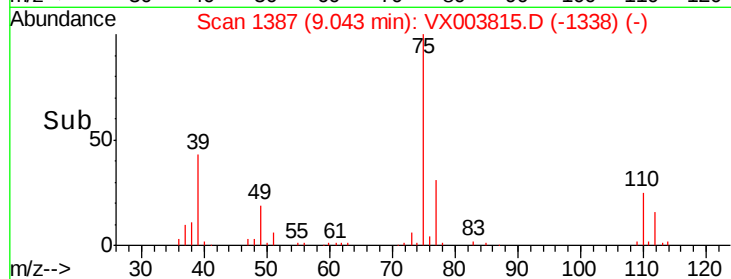
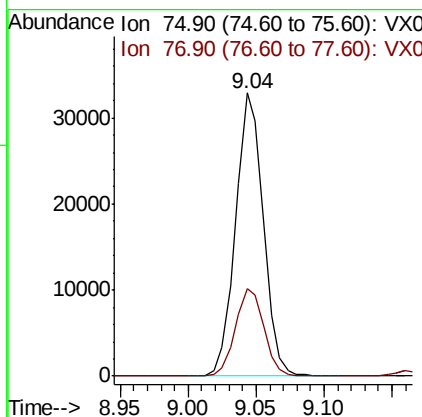
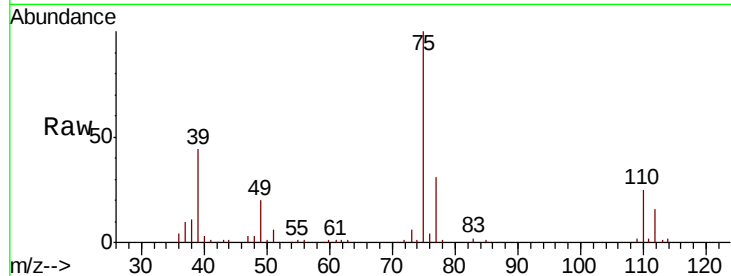
#53
t-1,3-Dichloropropene
Concen: 45.526 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.9	37.3

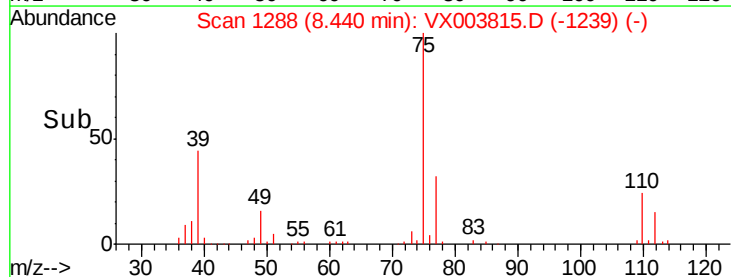
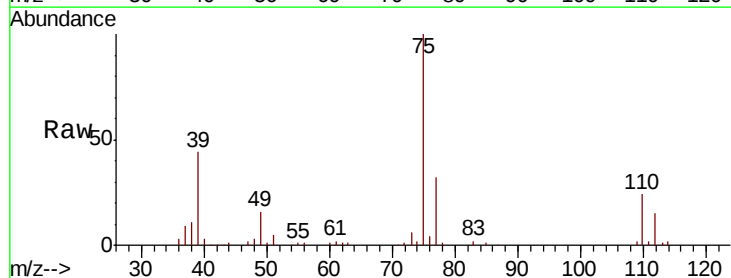
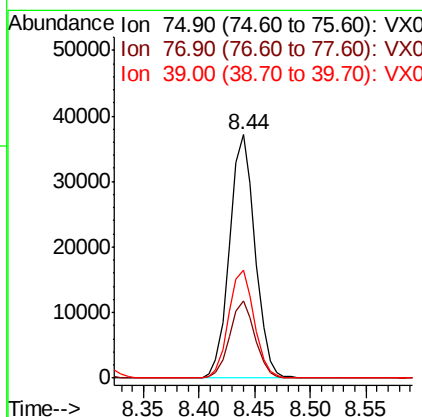
Manual Integrations
APPROVED

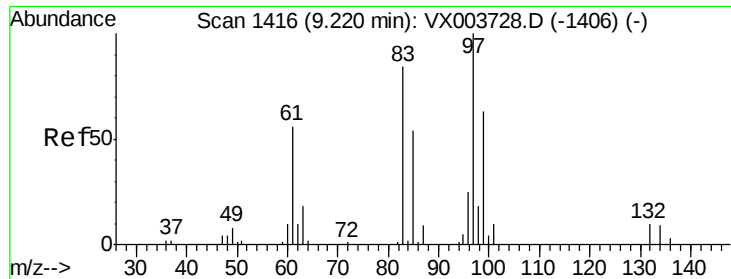
apatel
8/2/2018 4:51:05 PM



#54
cis-1,3-Dichloropropene
Concen: 51.741 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	44.2	34.1	51.1





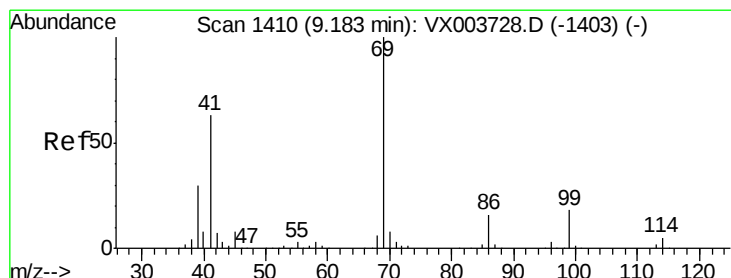
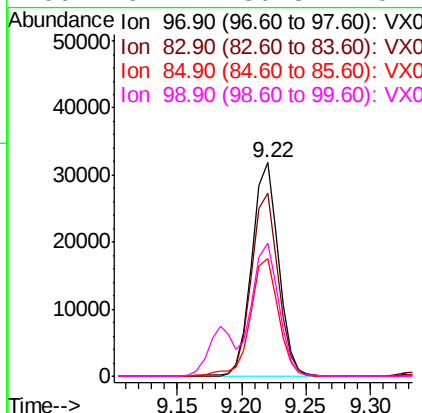
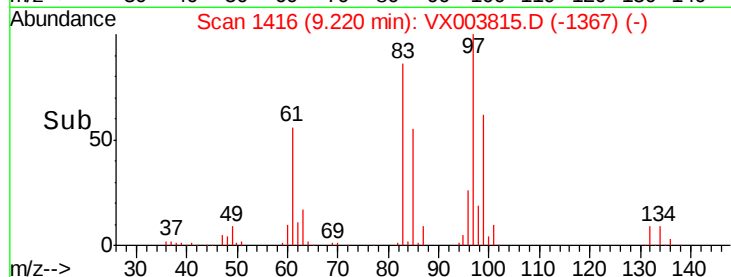
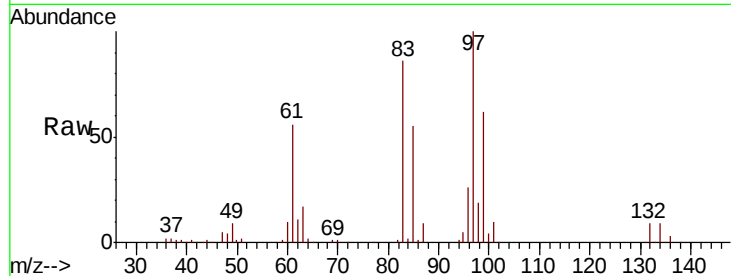
#55
 1,1,2-Trichloroethane
 Concen: 66.349 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MSD

Tot Ion:	97	Resp:	45155
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.4	101.0
85	55.1	43.3	64.9
99	62.1	50.8	76.2

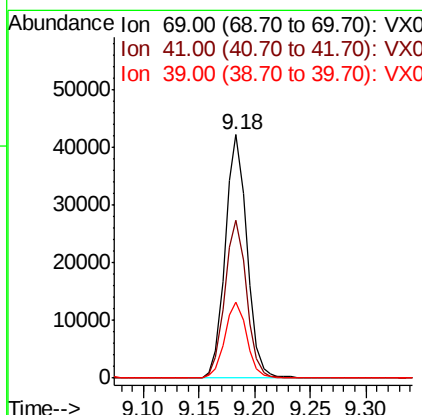
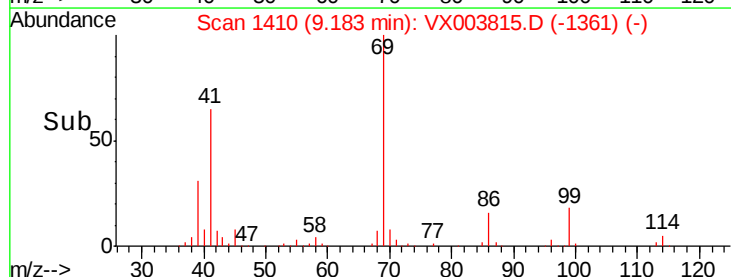
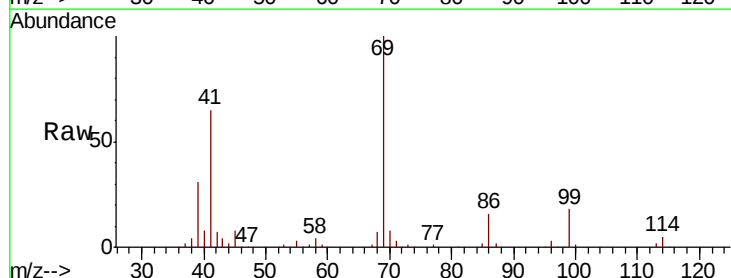
Manual Integrations
 APPROVED

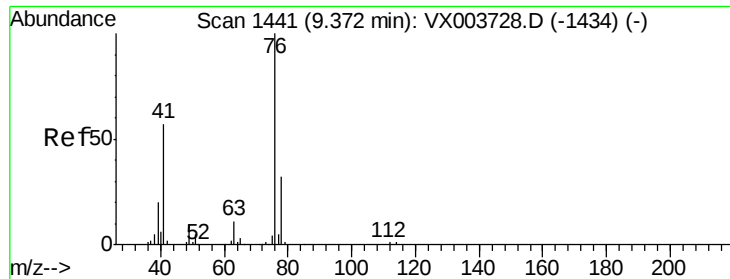
apatel
 8/2/2018 4:51:05 PM



#56
 Ethyl methacrylate
 Concen: 61.031 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion:	69	Resp:	57054
Ion	Ratio	Lower	Upper
69	100		
41	65.9	51.6	77.4
39	32.2	25.1	37.7





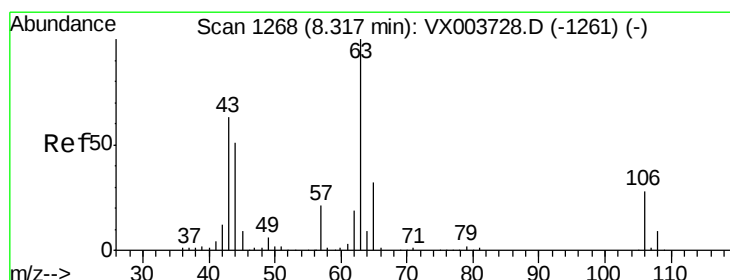
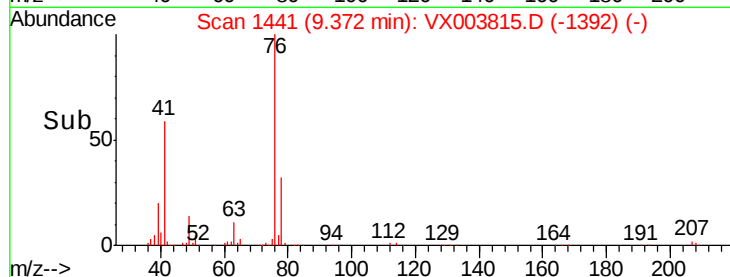
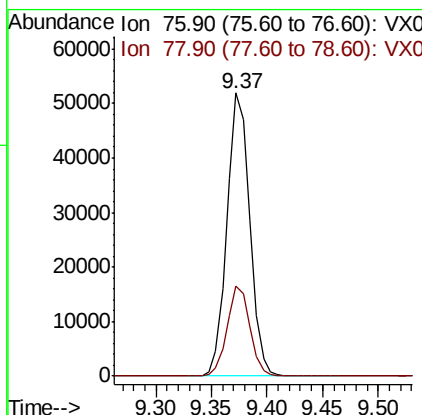
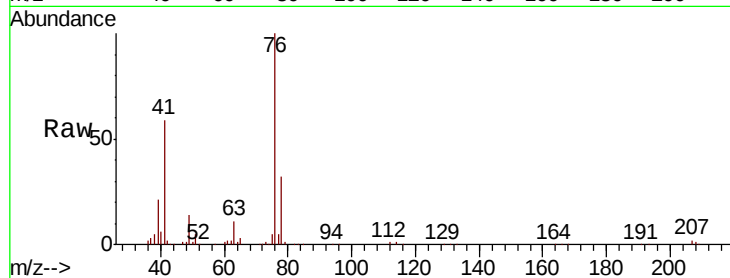
#57
 1,3-Dichloropropane
 Concen: 64.492 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion: 76 Resp: 73678
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5

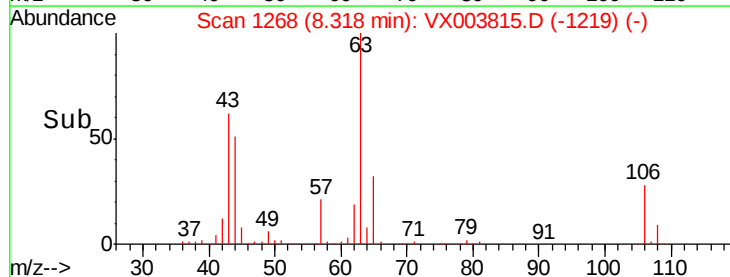
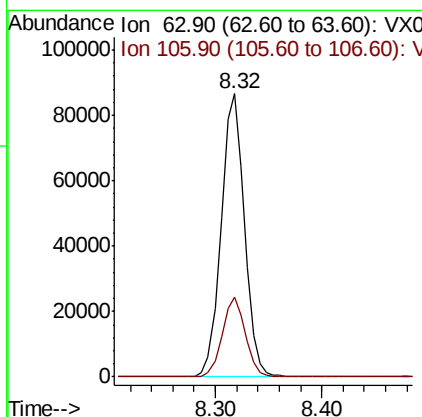
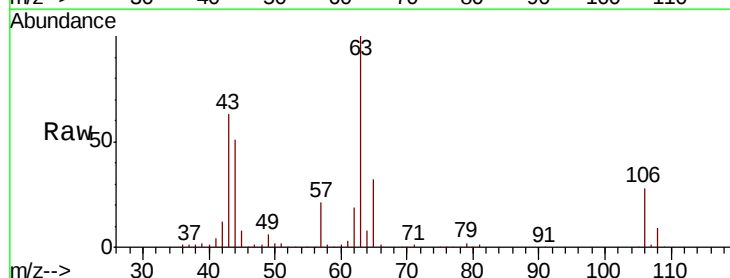
Manual Integrations
 APPROVED

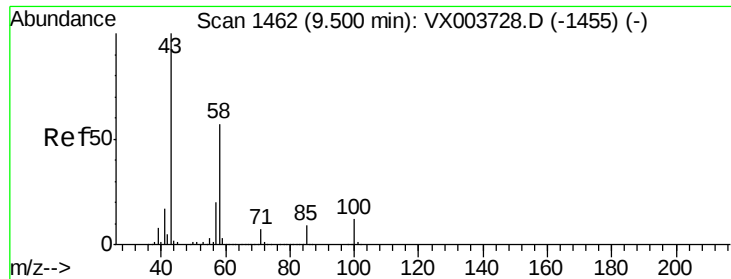
apatel
 8/2/2018 4:51:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.667 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion: 63 Resp: 131476
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.5 33.7





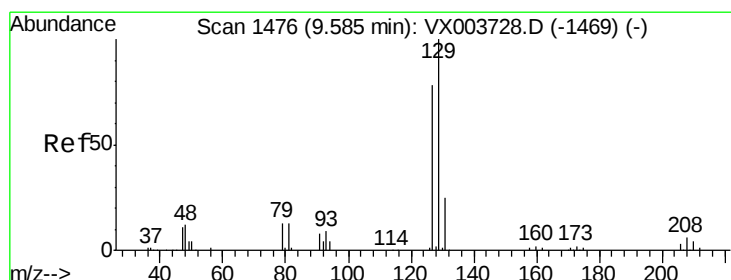
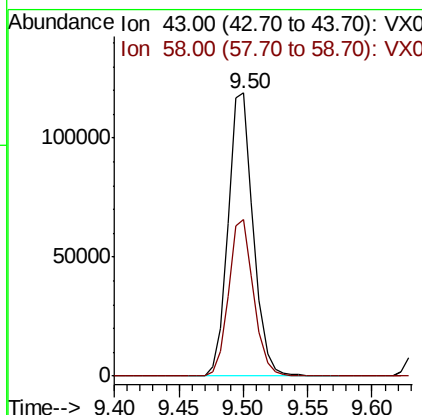
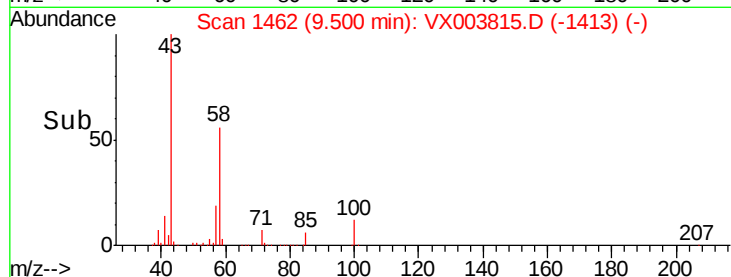
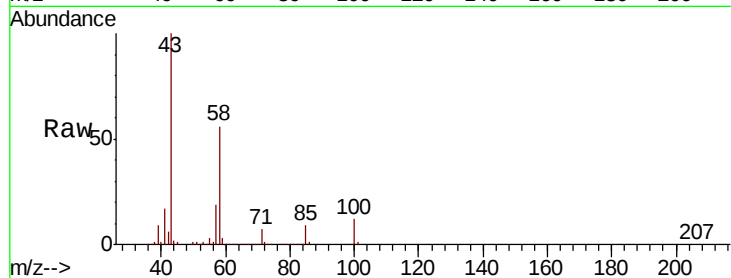
#59
2-Hexanone
Concen: 256.741 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	28.0	83.9

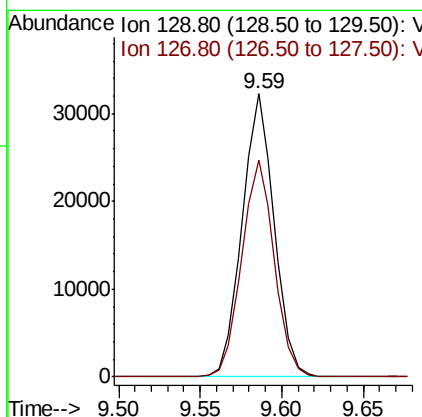
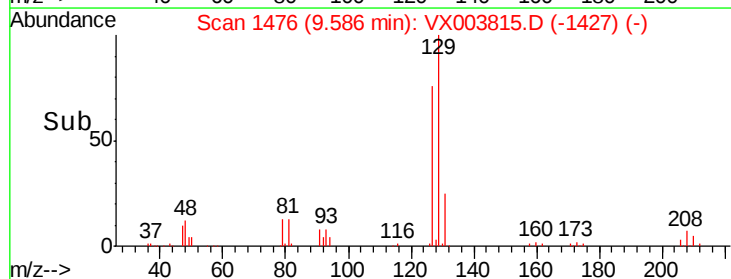
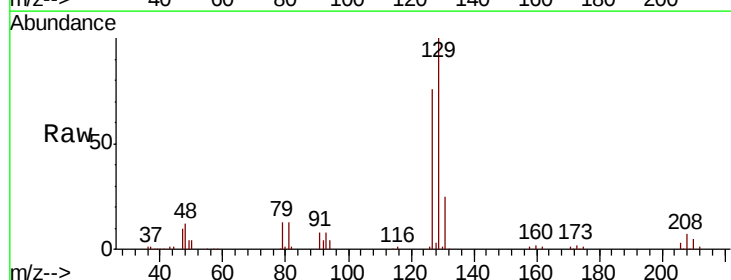
Manual Integrations
APPROVED

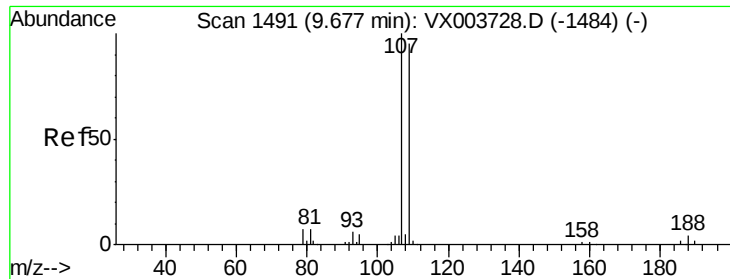
apatel
8/2/2018 4:51:05 PM



#60
Dibromochloromethane
Concen: 64.386 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.8	116.4





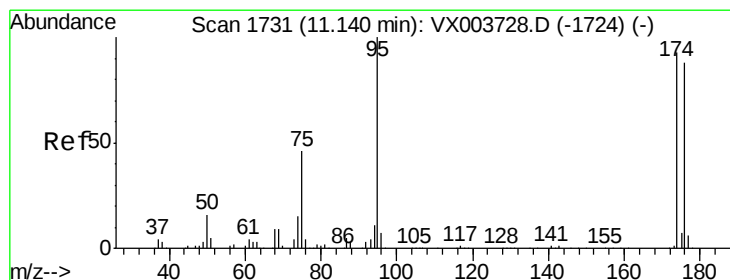
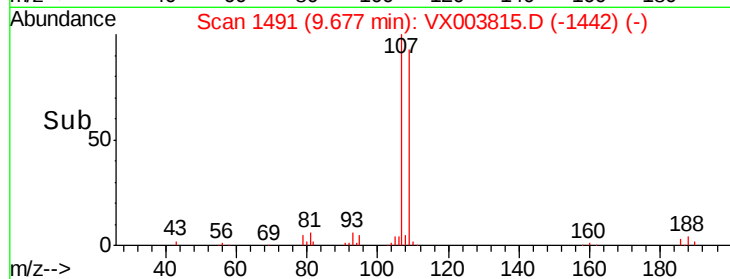
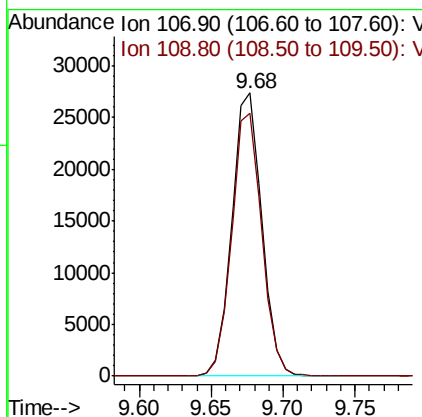
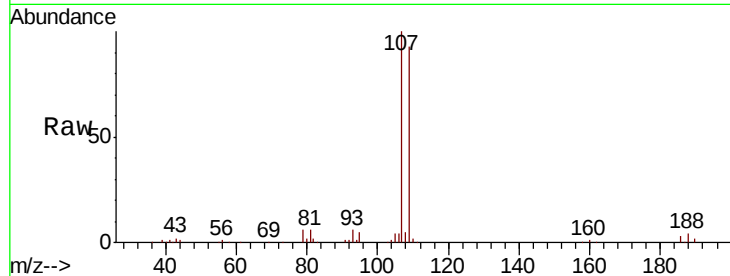
#61
 1,2-Dibromoethane
 Concen: 57.125 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.0	112.6

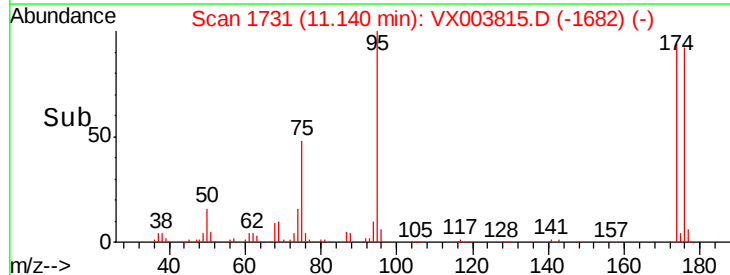
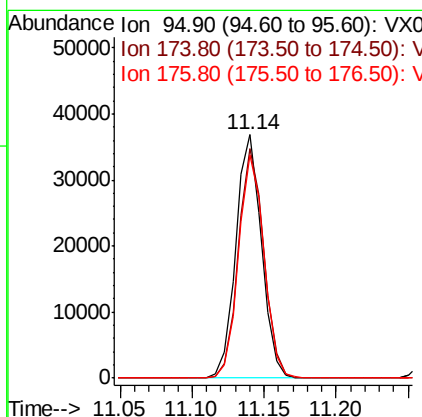
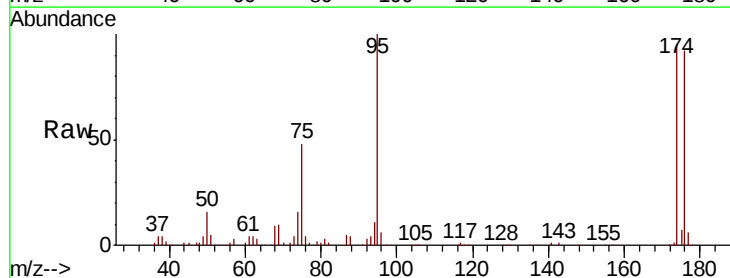
Manual Integrations
 APPROVED

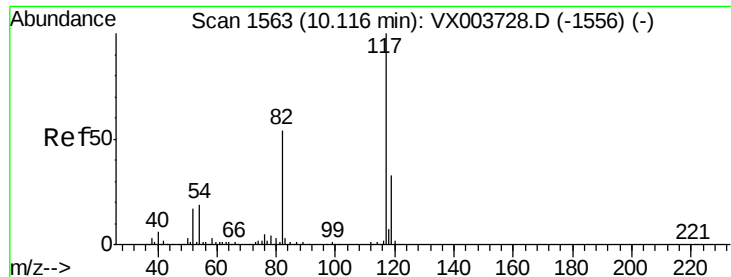
apatel
 8/2/2018 4:51:05 PM



#62
 4-Bromofluorobenzene
 Concen: 42.803 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	186.2
176	90.7	0.0	179.2





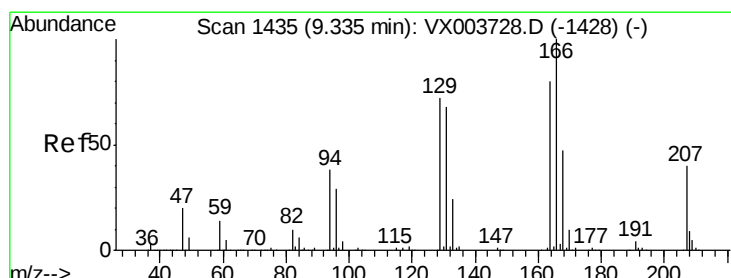
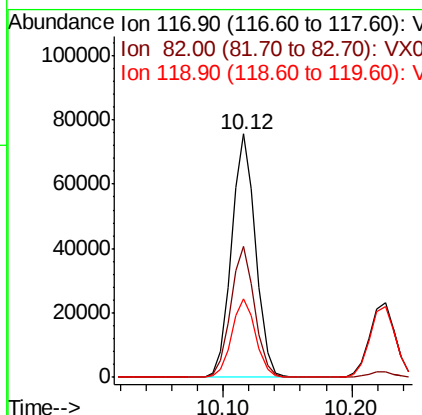
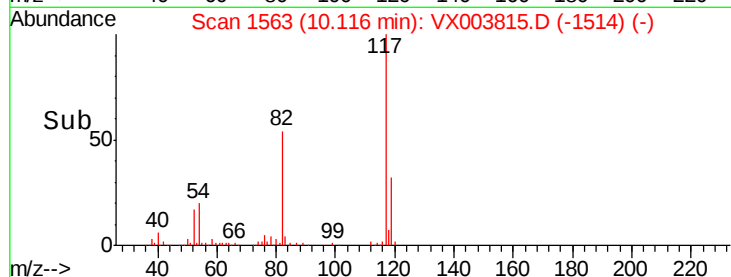
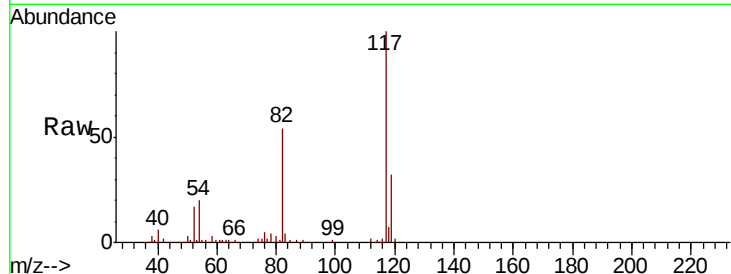
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	53.6	43.2	64.8	
119	32.0	26.3	39.5	

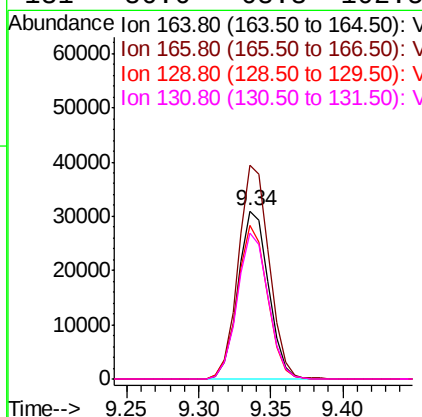
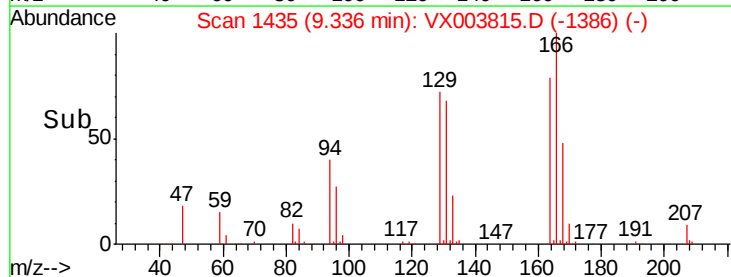
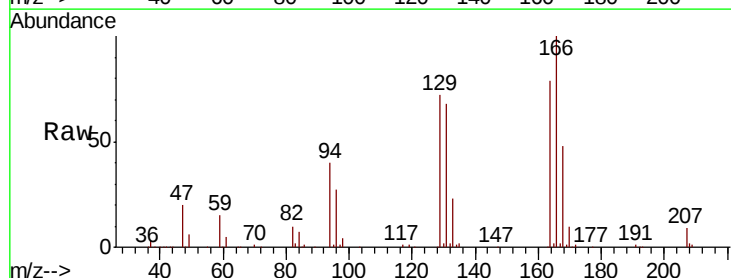
Manual Integrations
APPROVED

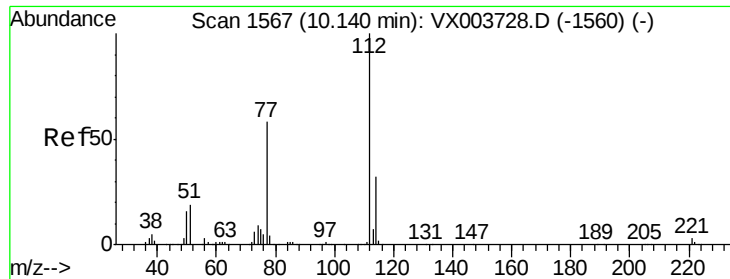
apatel
8/2/2018 4:51:05 PM



#64
Tetrachloroethene
Concen: 58.912 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	126.9	100.4	150.6	
129	91.0	71.8	107.8	
131	86.6	68.3	102.5	





#65

Chlorobenzene

Concen: 56.059 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion:112 Resp: 115313

Ion Ratio Lower Upper

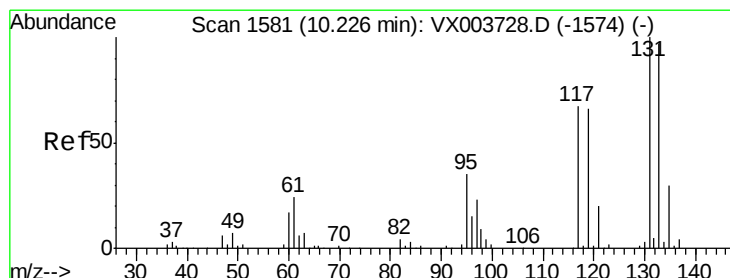
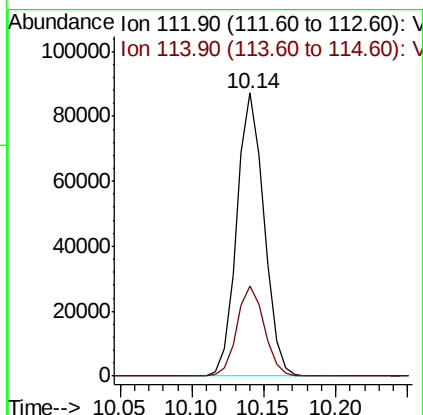
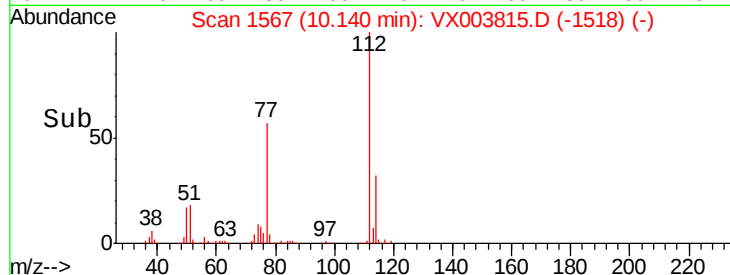
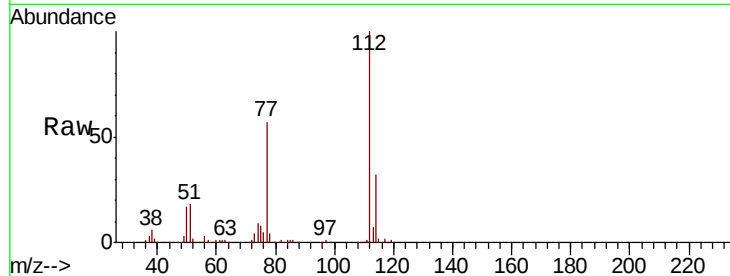
112 100

114 32.0 25.7 38.5

Manual Integrations
APPROVED

apatel

8/2/2018 4:51:05 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 69.765 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

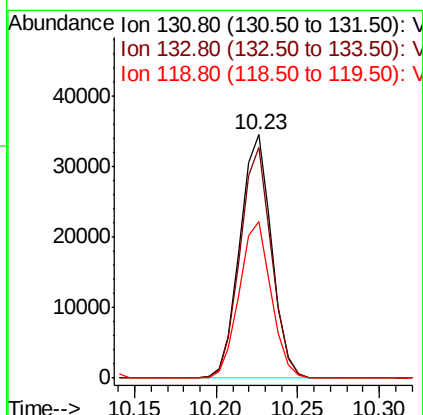
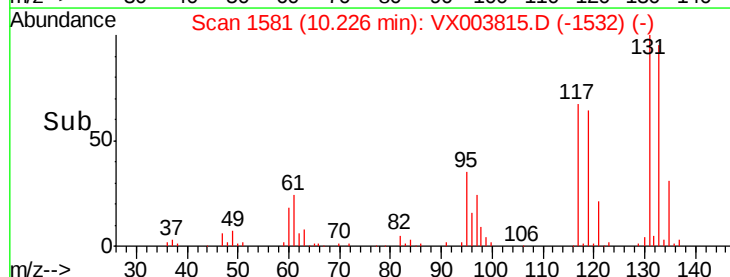
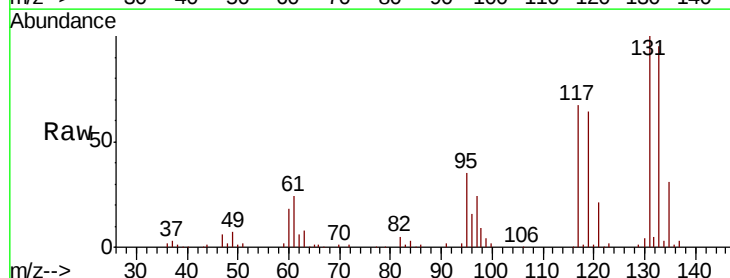
Tgt Ion:131 Resp: 46798

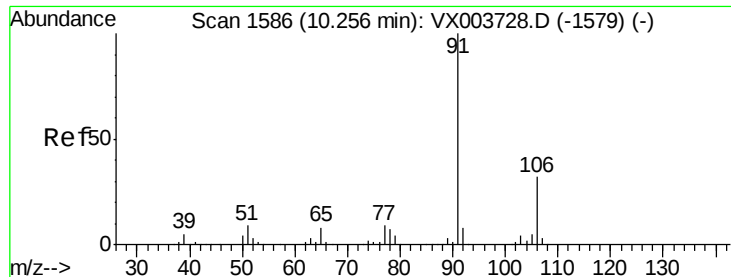
Ion Ratio Lower Upper

131 100

133 94.2 47.6 142.9

119 64.7 32.8 98.3





#67

Ethyl Benzene

Concen: 56.797 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MSD

Tot Ion: 91 Resp: 197272

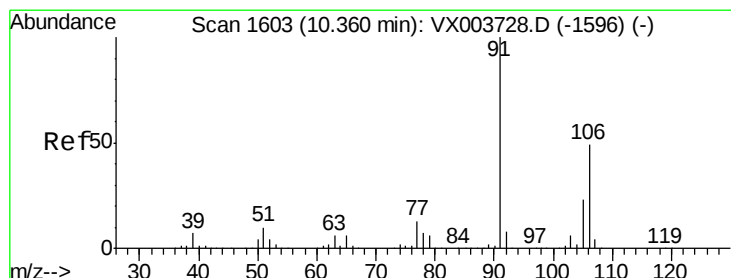
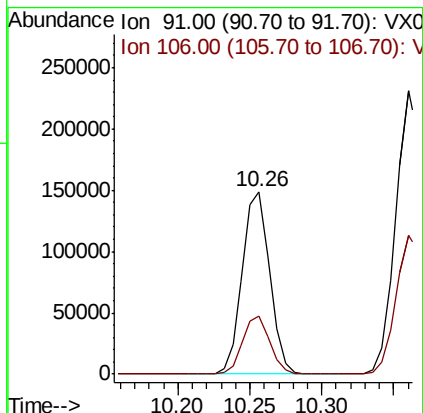
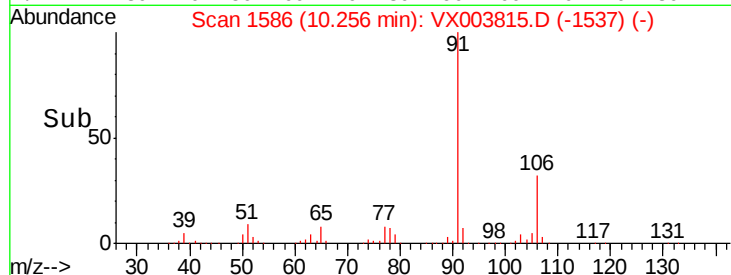
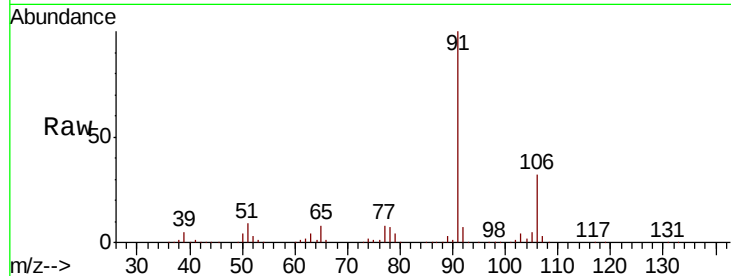
Ion Ratio Lower Upper

91 100

106 32.0 25.4 38.2

Manual Integrations
APPROVED

apatel
8/2/2018 4:51:05 PM



#68

m/p-Xylenes

Concen: 113.062 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003815.D

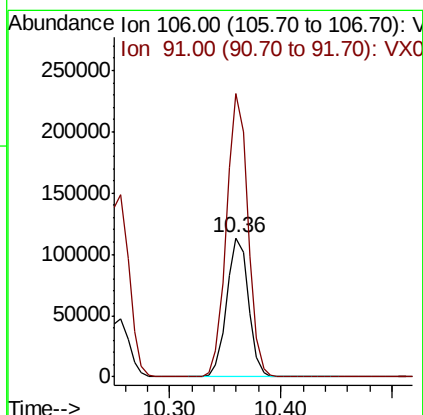
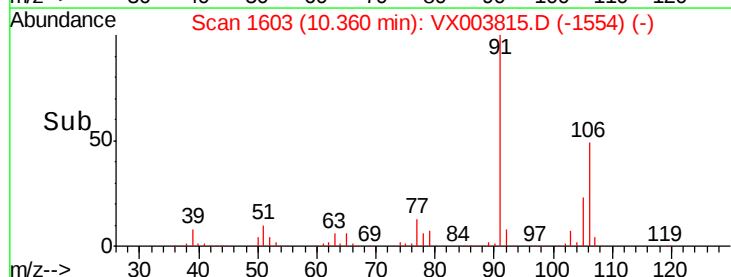
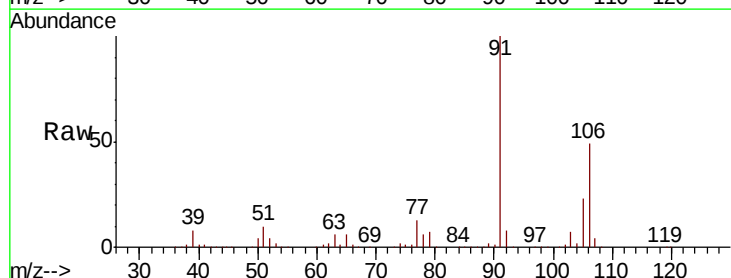
Acq: 02 Aug 2018 00:17

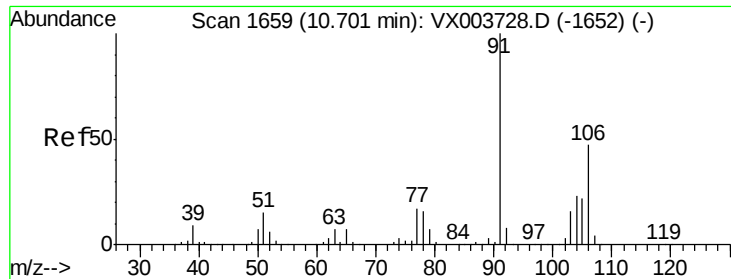
Tgt Ion: 106 Resp: 153617

Ion Ratio Lower Upper

106 100

91 201.0 159.8 239.8





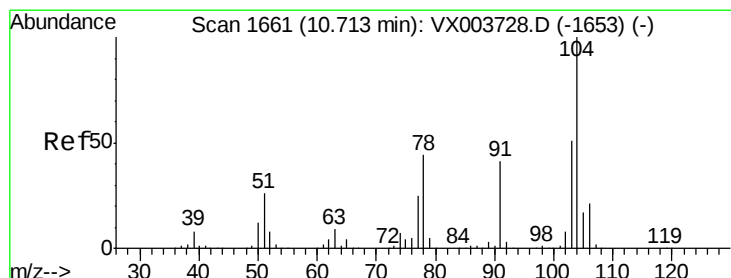
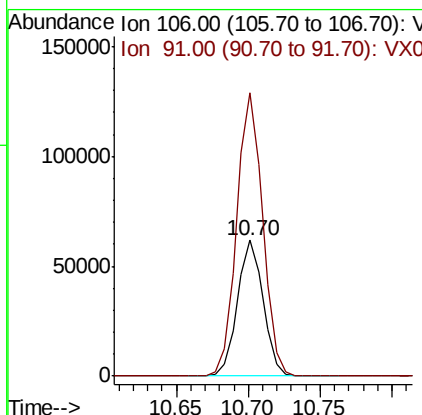
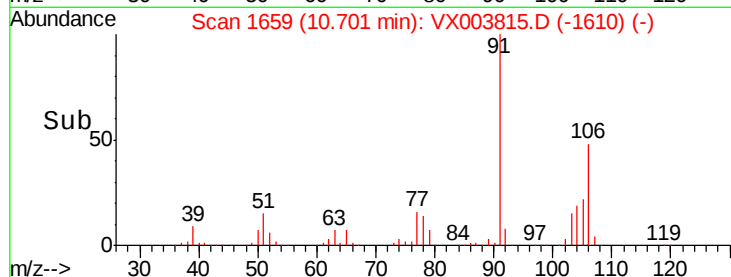
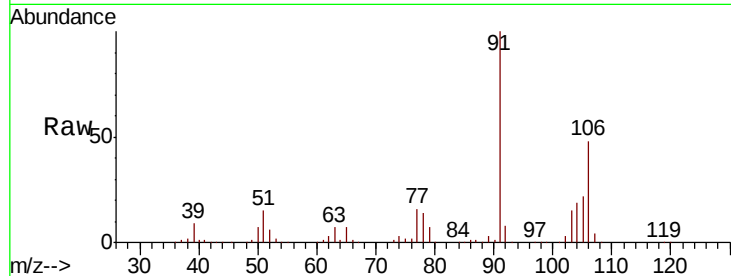
#69
o-Xylene
Concen: 60.963 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampled :
SB-6(7-9)MSD

Tot Ion:106 Resp: 76912
Ion Ratio Lower Upper
106 100
91 211.4 105.6 316.8

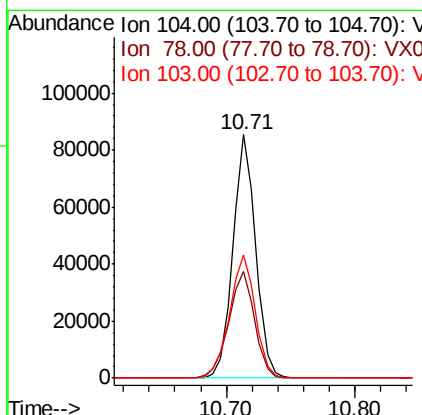
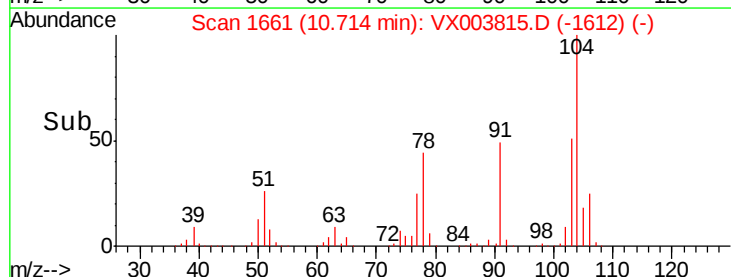
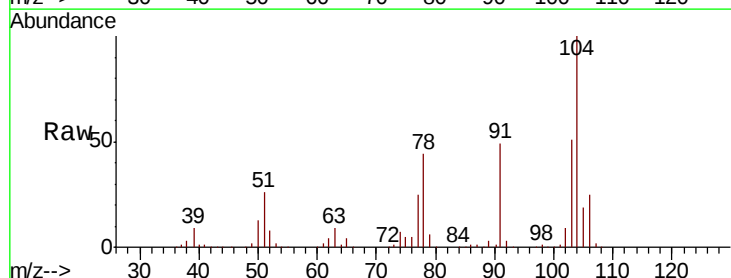
Manual Integrations
APPROVED

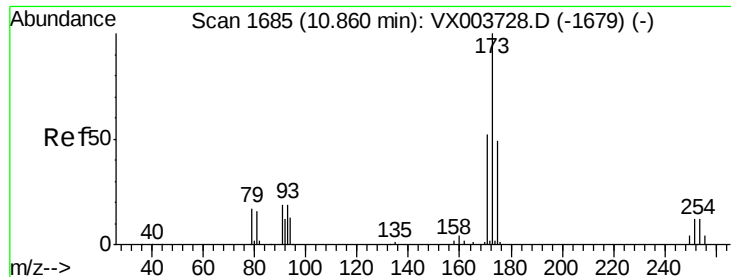
apatel
8/2/2018 4:51:05 PM



#70
Styrene
Concen: 49.709 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion:104 Resp: 105506
Ion Ratio Lower Upper
104 100
78 49.9 38.2 57.2
103 57.2 44.5 66.7





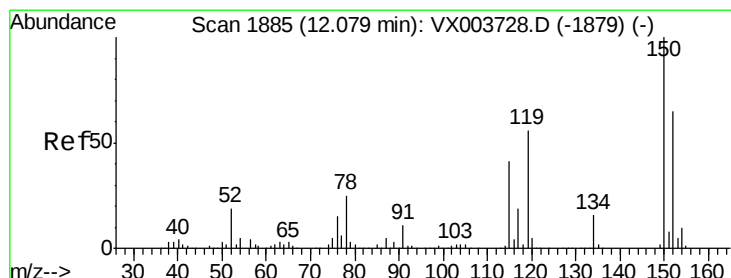
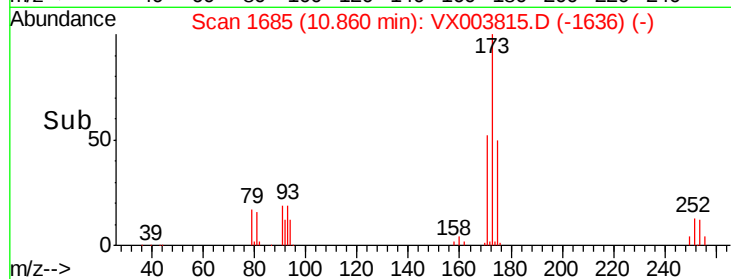
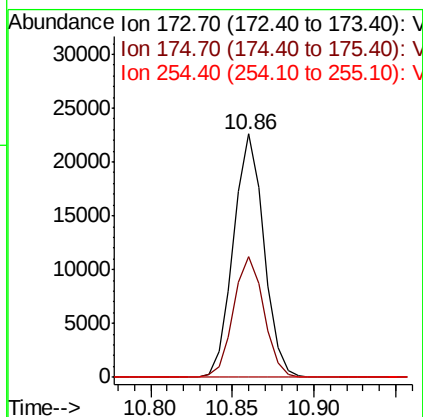
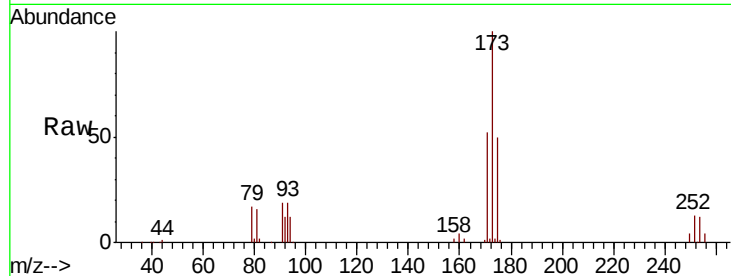
#71
Bromoform
Concen: 63.690 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.9	74.6
254	0.0	0.0	0.0

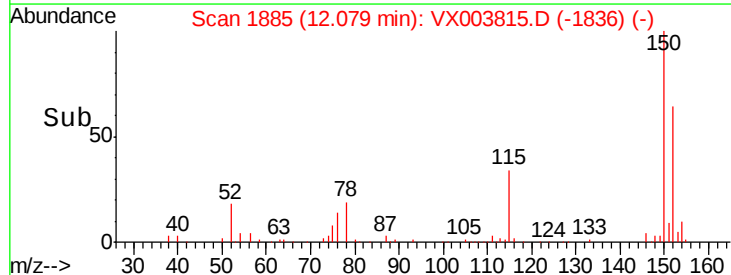
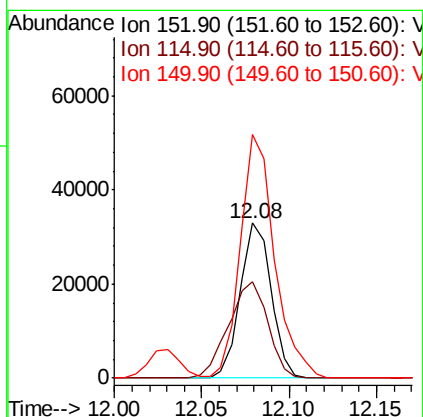
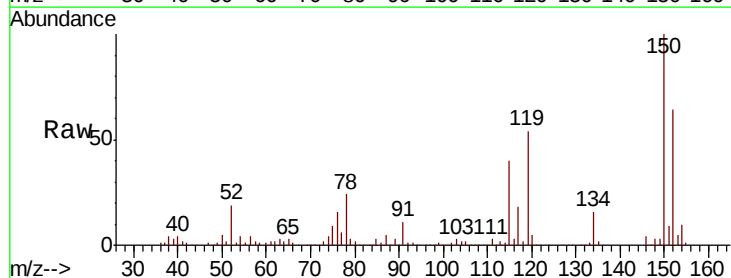
Manual Integrations
APPROVED

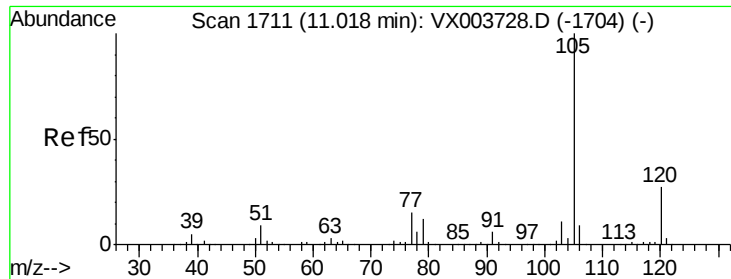
apatel
8/2/2018 4:51:05 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.3	38.5	115.3
150	173.5	0.0	346.2





#73

Isopropylbenzene

Concen: 71.047 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion: 105 Resp: 181167

Ion Ratio Lower Upper

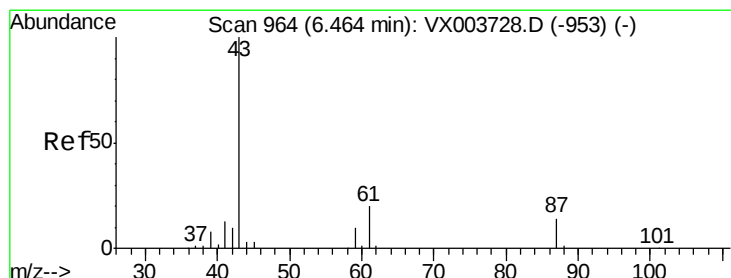
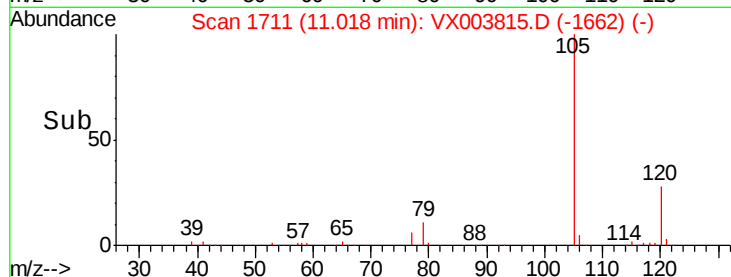
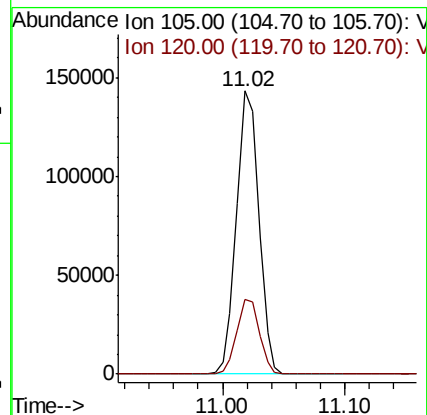
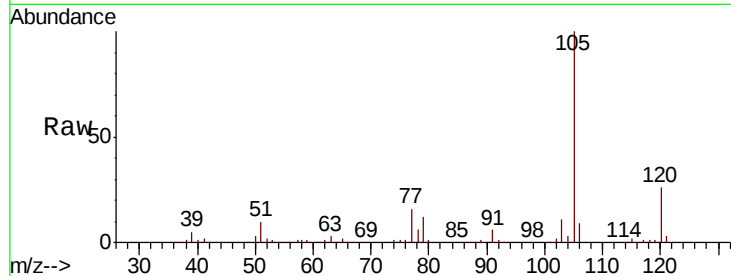
105 100

120 26.8 13.5 40.5

Manual Integrations
APPROVED

apatel

8/2/2018 4:51:05 PM



#74

N-ethyl acetate

Concen: 83.753 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Tgt Ion: 43 Resp: 75698

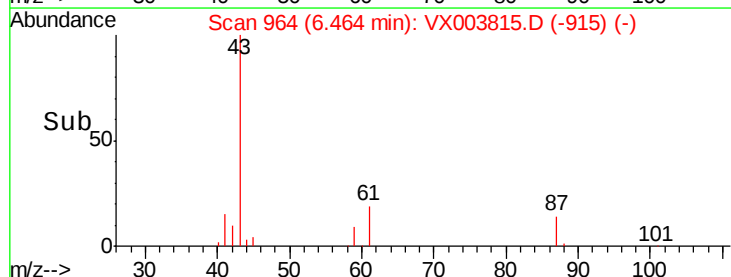
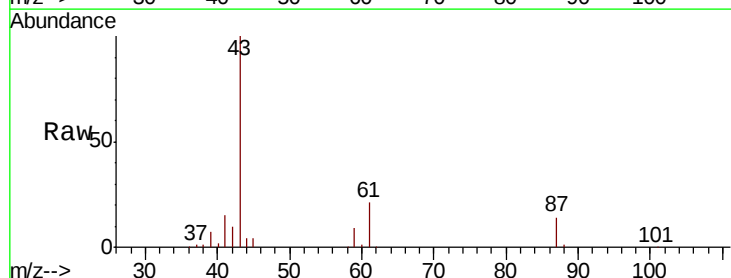
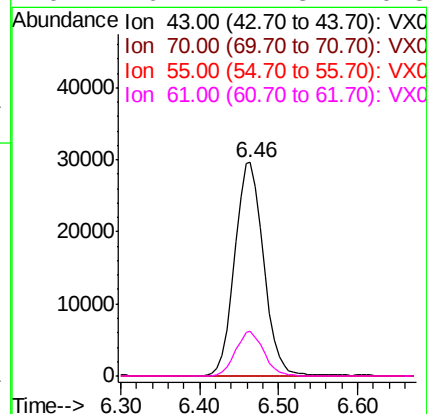
Ion Ratio Lower Upper

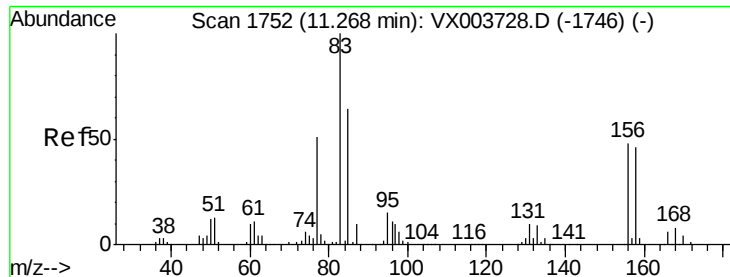
43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 20.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 85.931 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

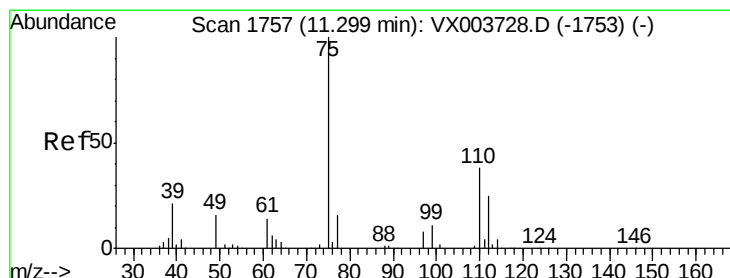
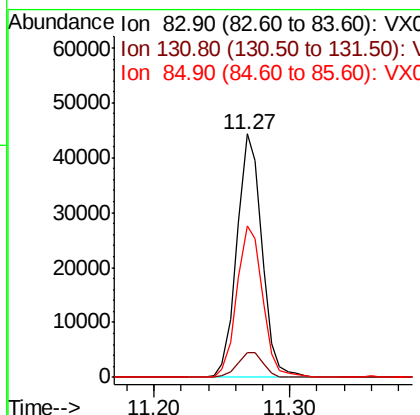
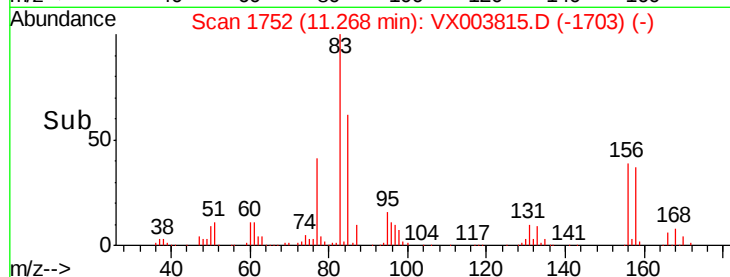
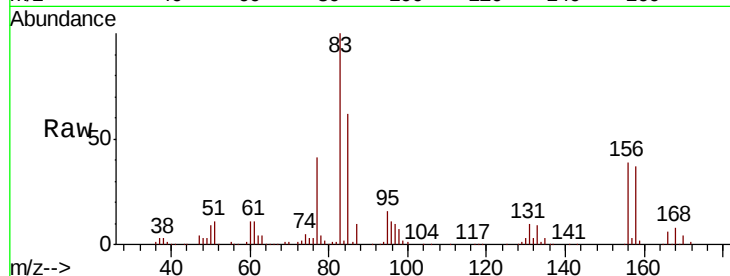
ClientSampleId :

SB-6(7-9)MSD

Tot Ion:	83	Resp:	56967
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	15.9
85	63.8	32.0	96.2

Manual Integrations
APPROVED

apatel
8/2/2018 4:51:05 PM



#76

1,2,3-Trichloropropane

Concen: 81.085 ug/l m

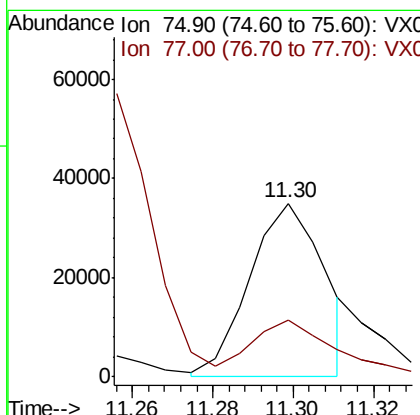
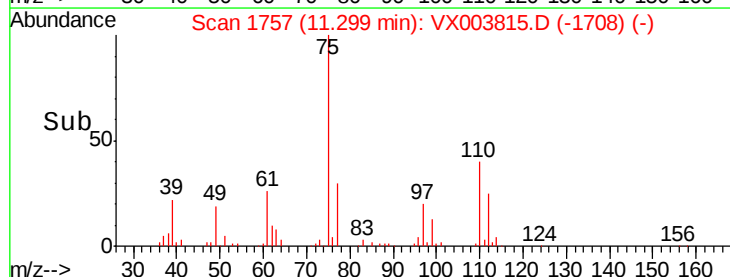
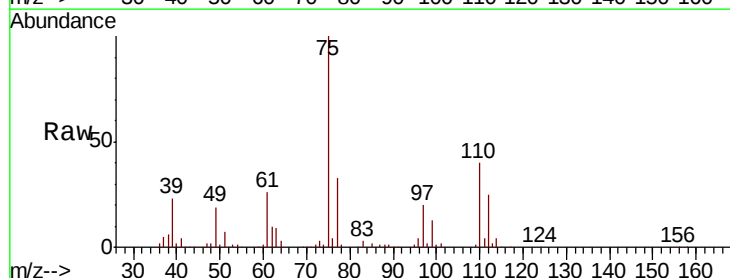
RT: 11.30 min Scan# 1757

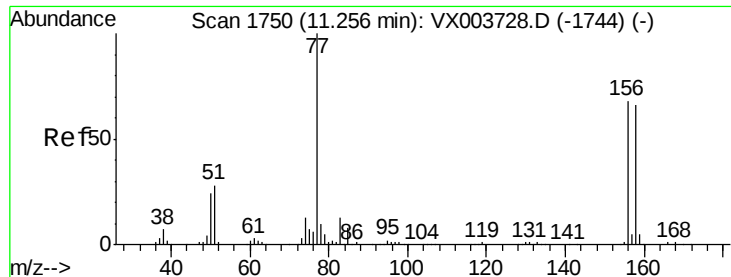
Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Tgt Ion:	75	Resp:	45524
Ion Ratio	Lower	Upper	
75	100		
77	37.2	21.6	65.0





#77

Bromobenzene

Concen: 73.803 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

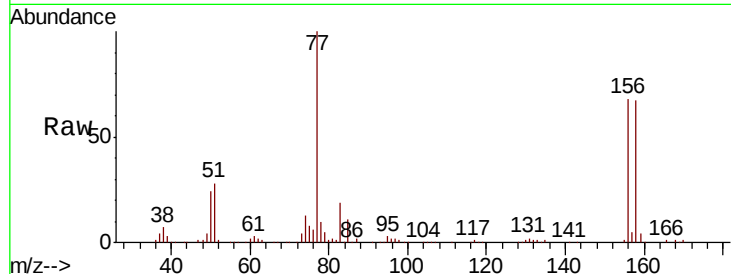
ClientSampleId :

SB-6(7-9)MSD

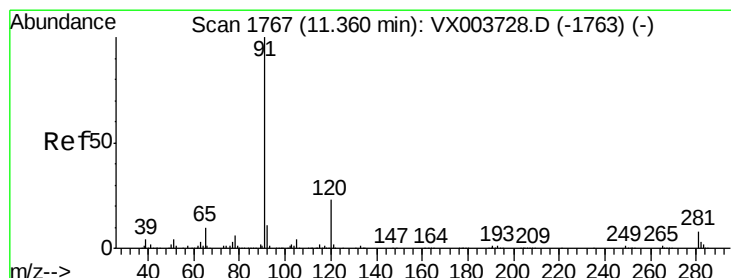
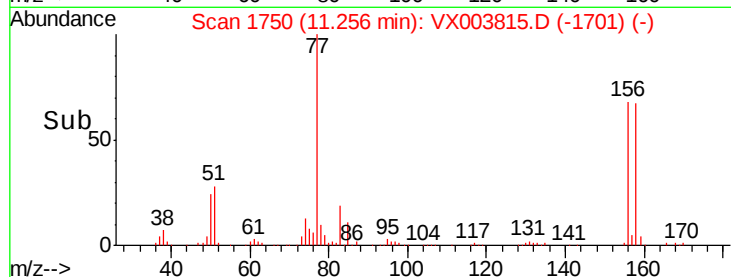
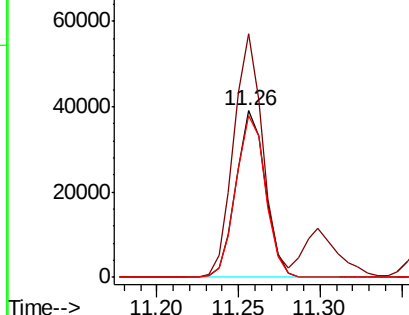
Tot Ion:	156	Resp:	49064
Ion	Ratio	Lower	Upper
156	100		
77	144.1	71.8	215.3
158	97.8	48.8	146.4

Manual Integrations
APPROVED

apatel
8/2/2018 4:51:05 PM



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



#78

n-propylbenzene

Concen: 61.786 ug/l

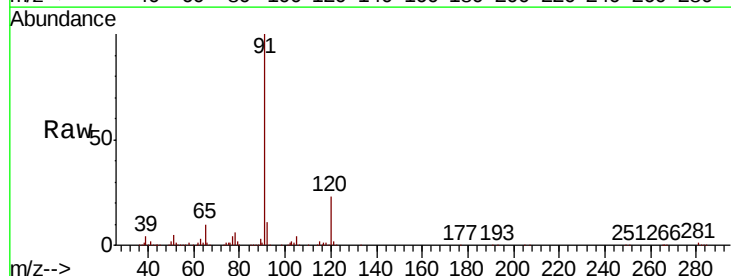
RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

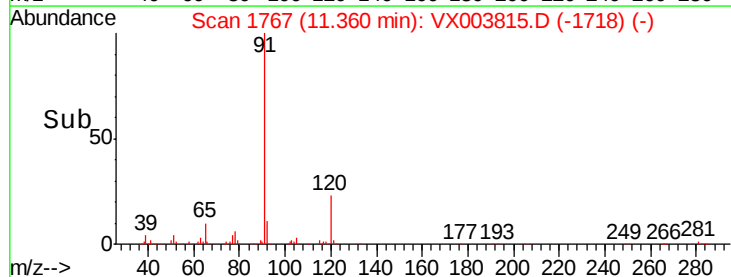
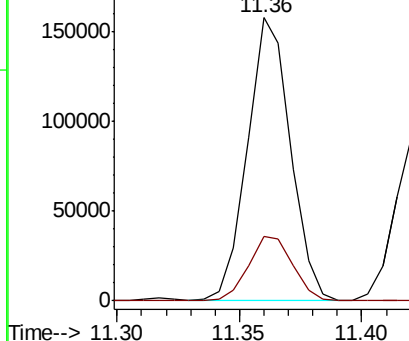
Lab File: VX003815.D

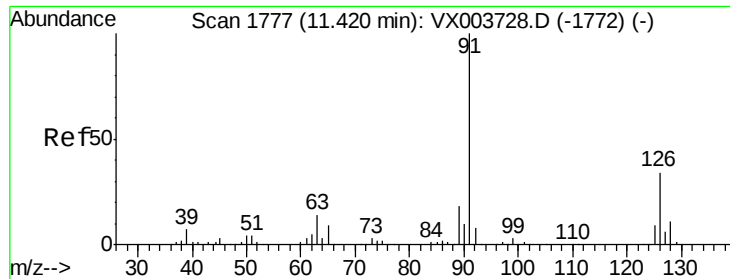
Acq: 02 Aug 2018 00:17

Tgt Ion:	91	Resp:	190869
Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.5



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





#79

2-Chlorotoluene

Concen: 68.104 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion: 91 Resp: 119447

Ion Ratio Lower Upper

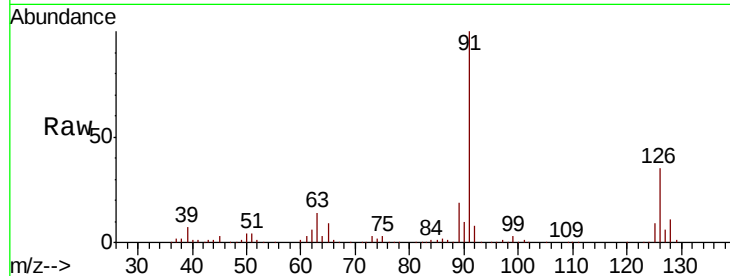
91 100

126 35.7 17.6 52.8

Manual Integrations
APPROVED

apatel

8/2/2018 4:51:05 PM



Abundance Ion 91.00 (90.70 to 91.70): VX003728.D (-1772) (-)

Ion 125.90 (125.60 to 126.60): VX003728.D (-1772) (-)

150000

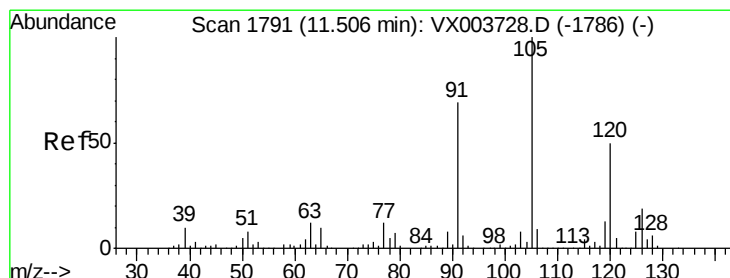
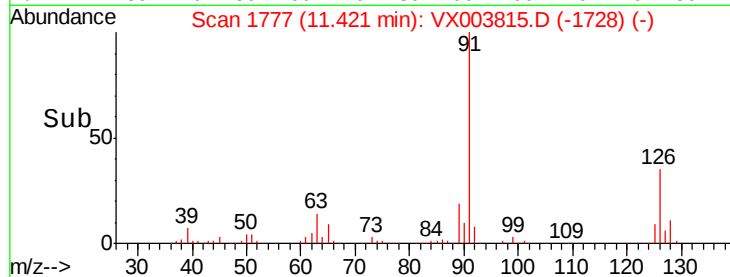
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 65.959 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003815.D

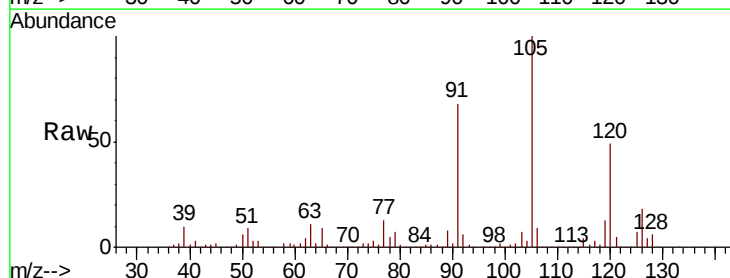
Acq: 02 Aug 2018 00:17

Tgt Ion:105 Resp: 143562

Ion Ratio Lower Upper

105 100

120 49.3 15.8 47.4#



Abundance Ion 105.00 (104.70 to 105.70): VX003728.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003728.D (-1786) (-)

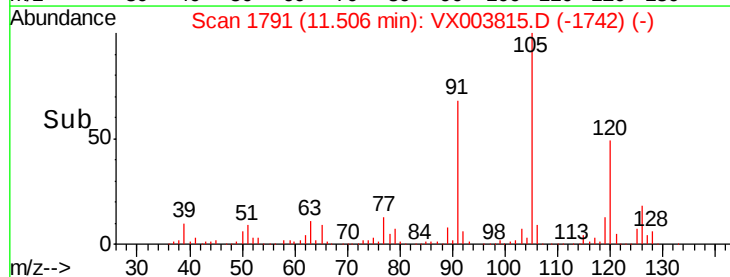
100000

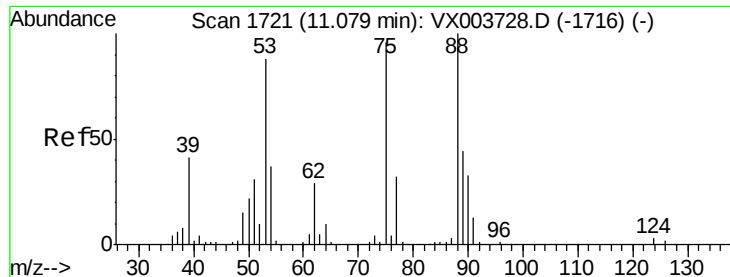
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.303 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

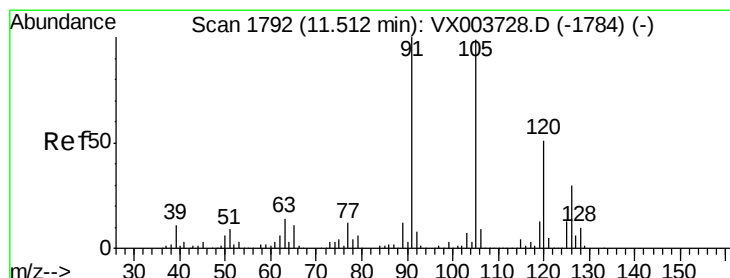
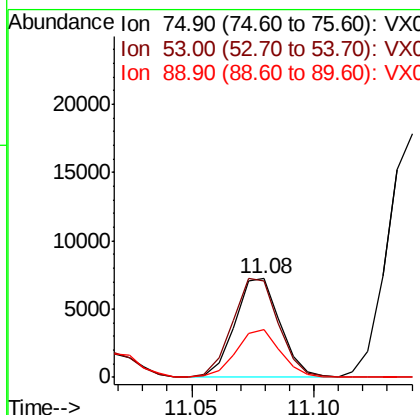
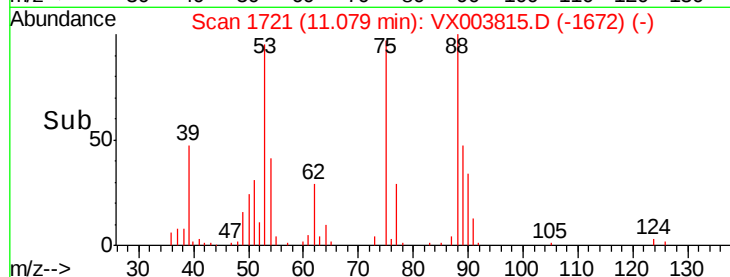
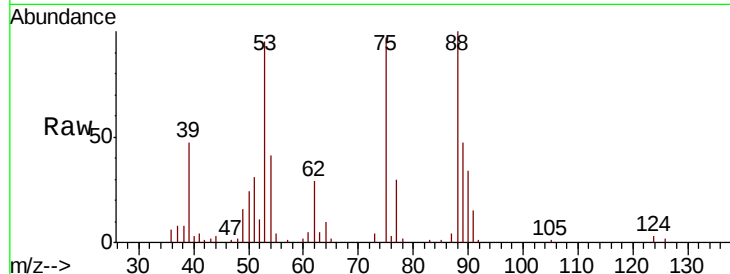
ClientSampleId :

SB-6(7-9)MSD

Tot Ion:	75	Resp:	9345
Ion	Ratio	Lower	Upper
75	100		
53	101.6	75.8	113.8
89	46.8	39.1	58.7

Manual Integrations
APPROVED

apatel
8/2/2018 4:51:05 PM



#82

4-Chlorotoluene

Concen: 62.498 ug/l

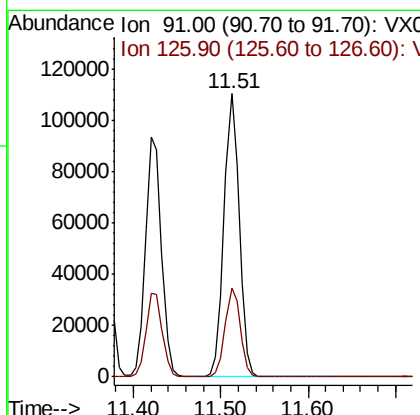
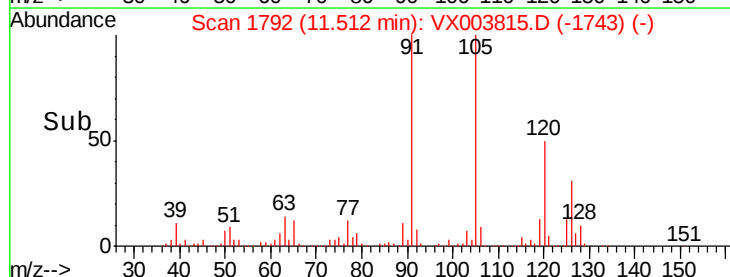
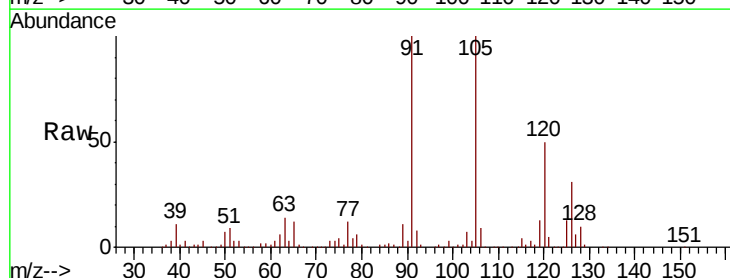
RT: 11.51 min Scan# 1792

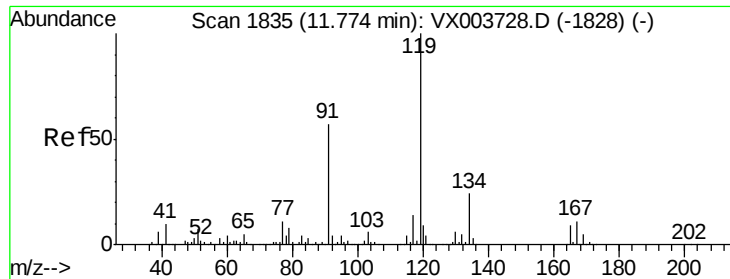
Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Tgt Ion:	91	Resp:	132954
Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.6	46.7





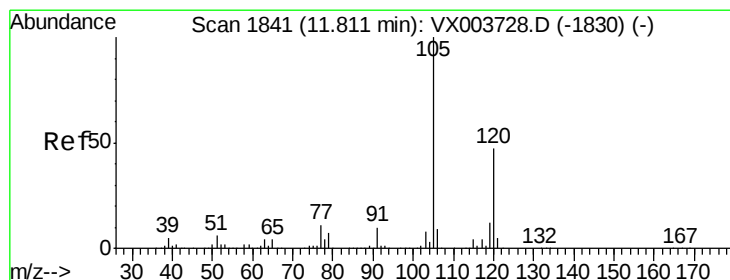
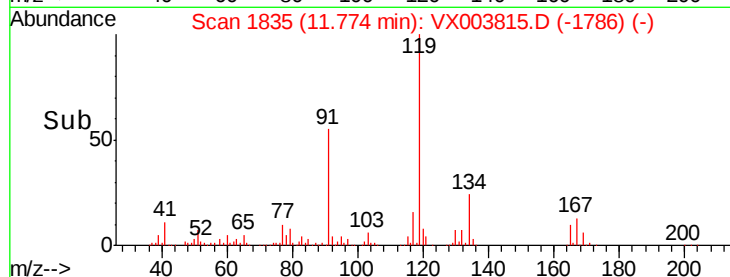
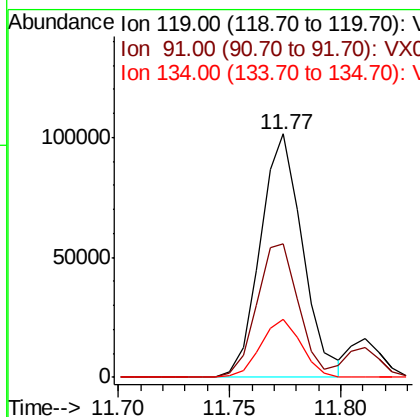
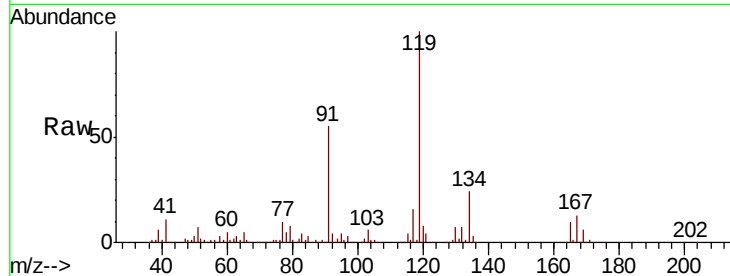
#83
tert-Butylbenzene
Concen: 62.210 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	133923		
91	54.2		27.2	81.6
134	23.1		11.6	34.8

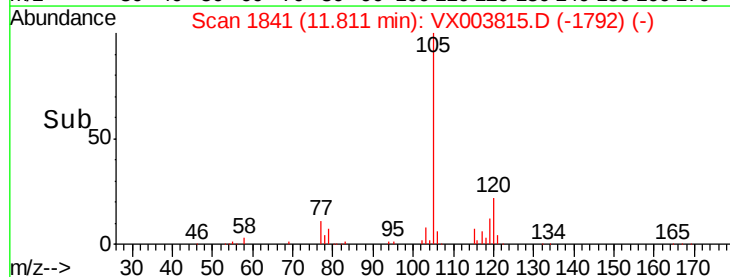
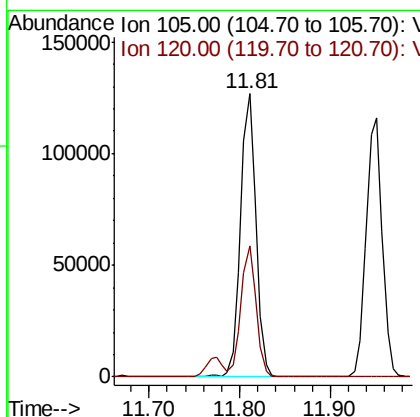
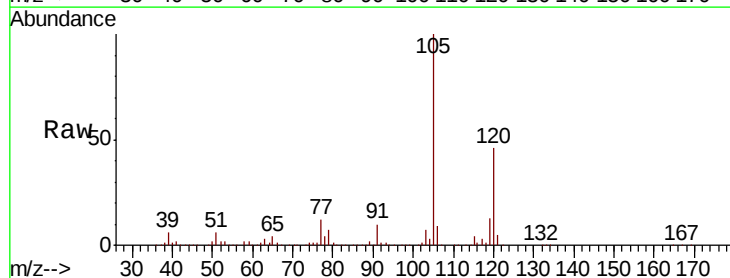
Manual Integrations
APPROVED

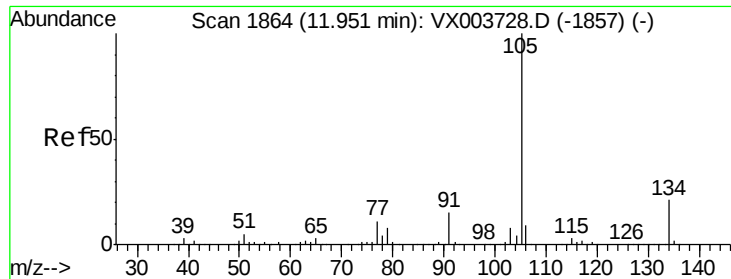
apatel
8/2/2018 4:51:05 PM



#84
1,2,4-Trimethylbenzene
Concen: 67.062 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	150240		
120	45.3		23.1	69.2





#85

sec-Butylbenzene

Concen: 51.875 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MSD

Tot Ion:105 Resp: 142870

Ion Ratio Lower Upper

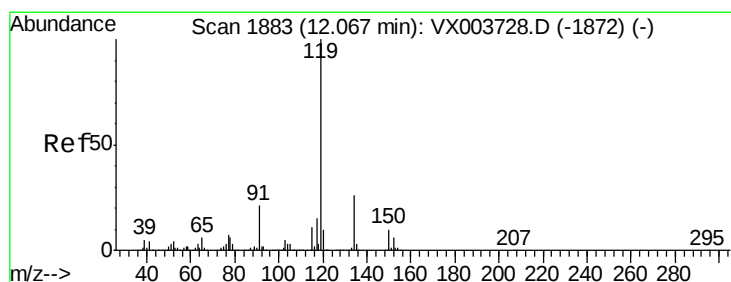
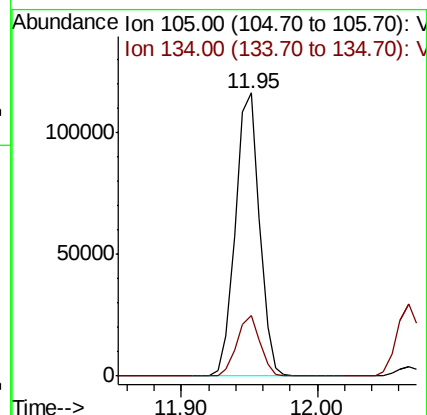
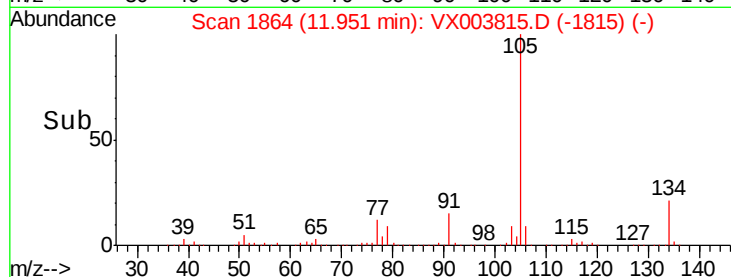
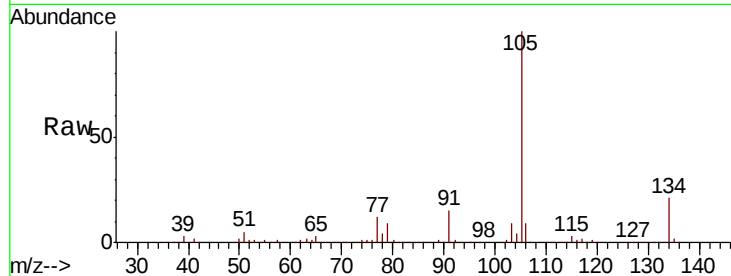
105 100

134 20.7 10.3 30.8

Manual Integrations
APPROVED

apatel

8/2/2018 4:51:05 PM



#86

p-Isopropyltoluene

Concen: 52.086 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

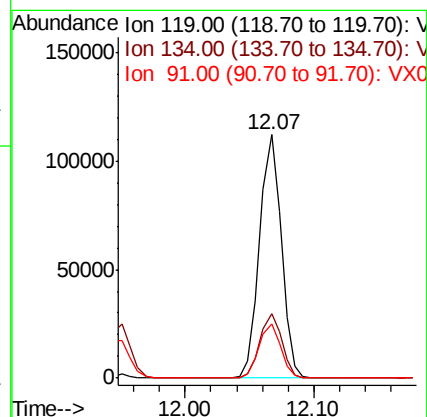
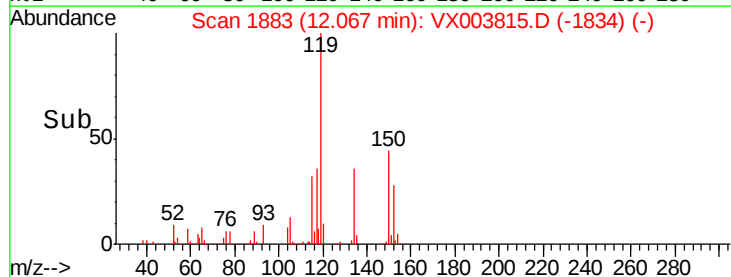
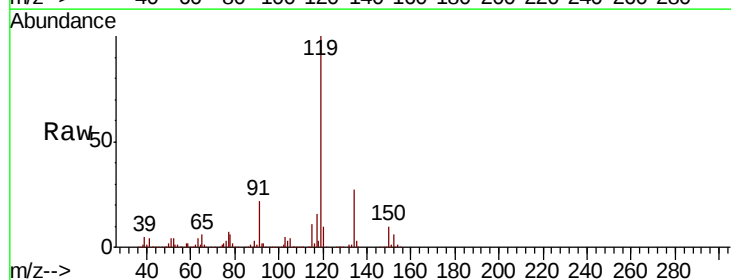
Tgt Ion:119 Resp: 130381

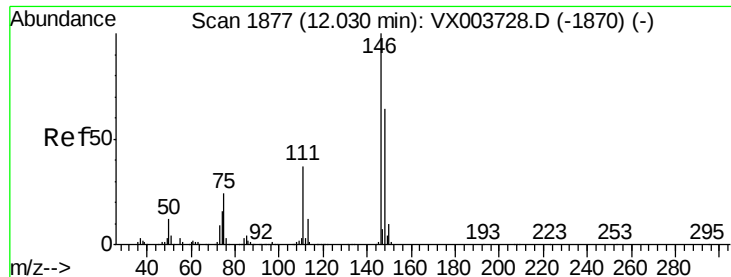
Ion Ratio Lower Upper

119 100

134 26.7 10.1 30.1

91 22.4 23.6 70.8#





#87

1,3-Dichlorobenzene

Concen: 55.539 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

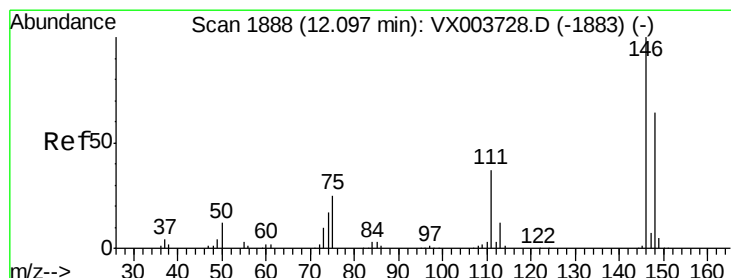
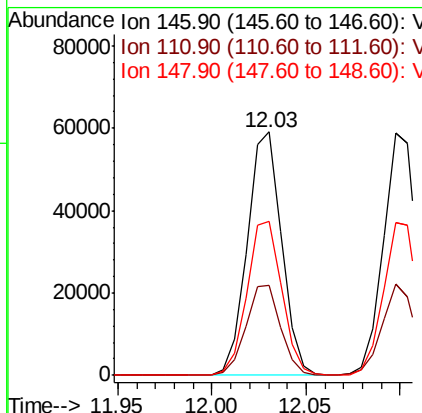
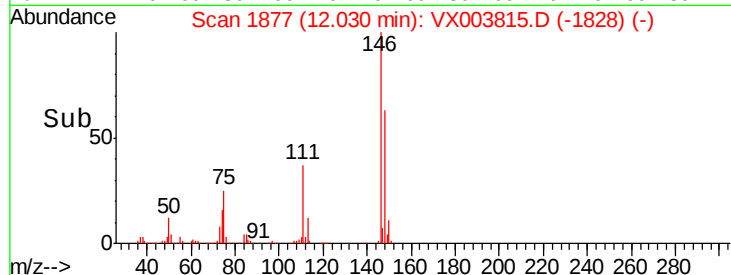
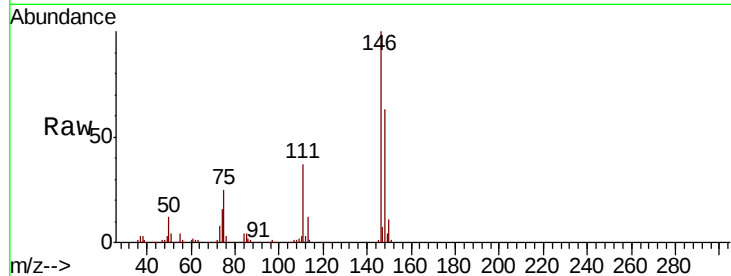
ClientSampleId :

SB-6(7-9)MSD

Tot Ion:	146	Resp:	74688
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.8	56.3
148	64.4	31.9	95.9

Manual Integrations
APPROVED

apatel
8/2/2018 4:51:05 PM



#88

1,4-Dichlorobenzene

Concen: 53.884 ug/l

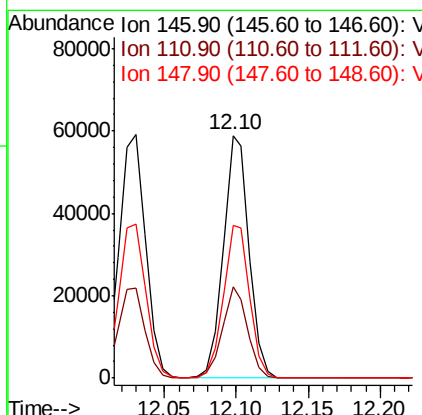
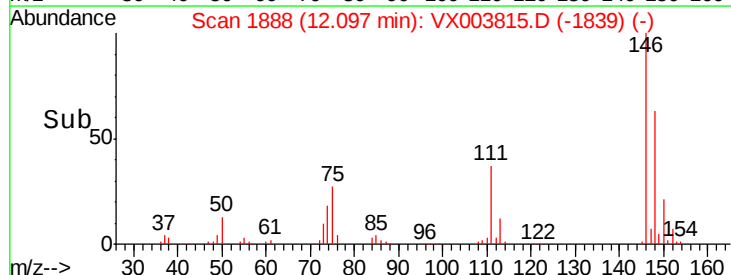
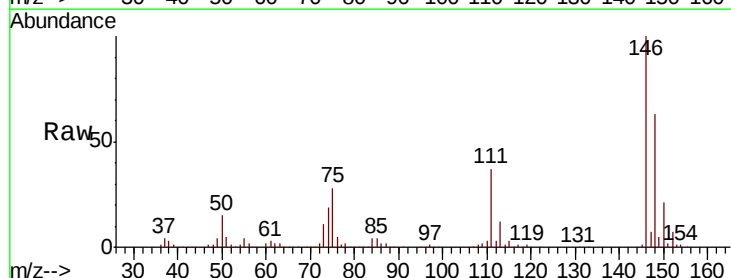
RT: 12.10 min Scan# 1888

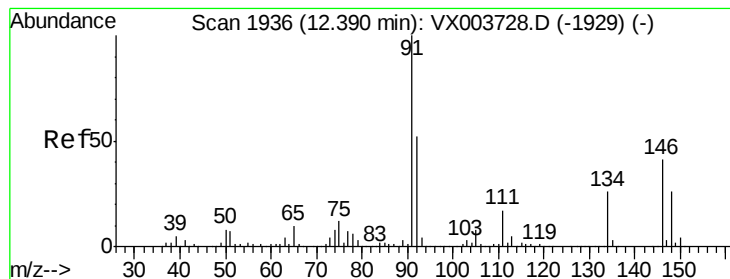
Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Tgt Ion:	146	Resp:	73930
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.3	54.9
148	64.2	32.0	96.2





#89

n-Butylbenzene

Concen: 40.641 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Instrument :

MSVOA_X

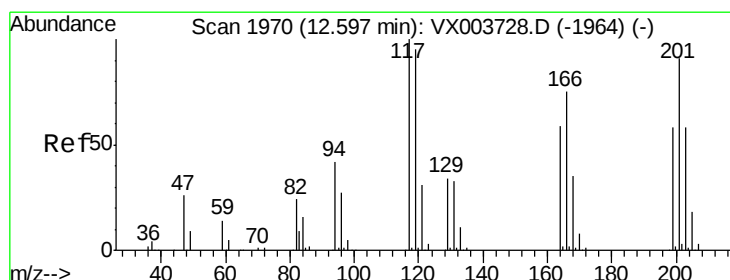
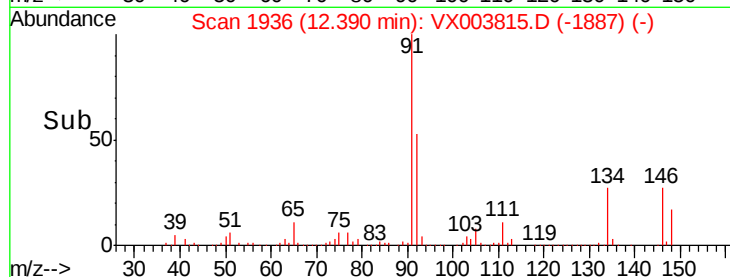
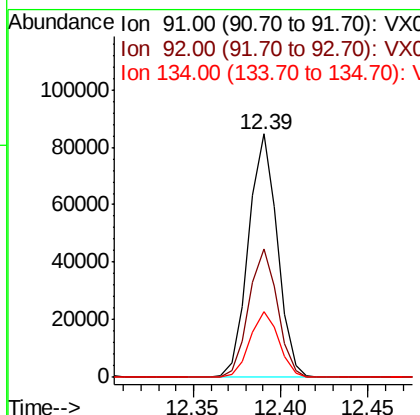
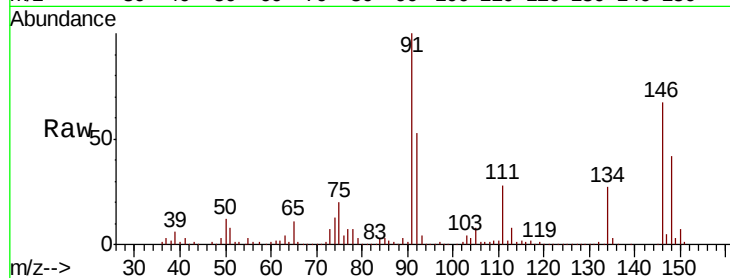
ClientSampled :

SB-6(7-9)MSD

Tot Ion:	91	Resp:	96824
Ion Ratio	Lower	Upper	
91	100		
92	52.5	26.2	78.5
134	27.1	13.6	40.7

Manual Integrations
APPROVED

apatel
8/2/2018 4:51:05 PM



#90

Hexachloroethane

Concen: 46.172 ug/l

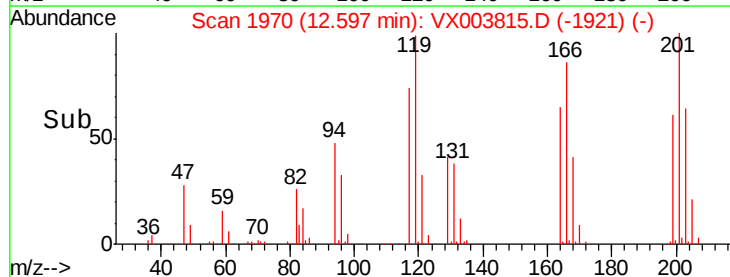
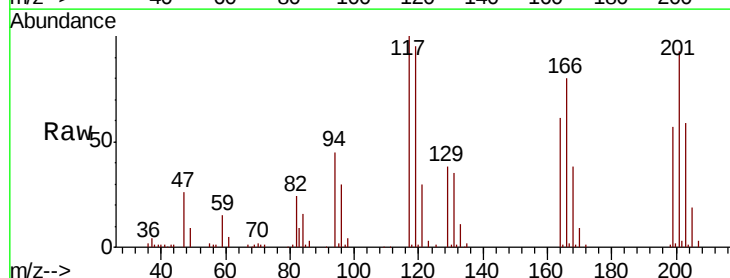
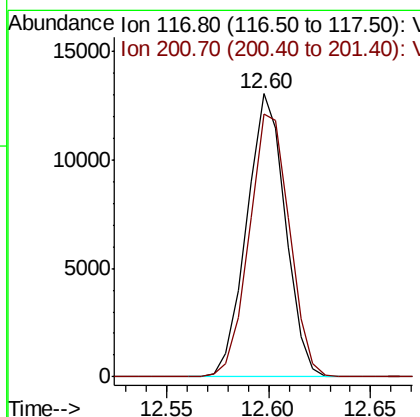
RT: 12.60 min Scan# 1970

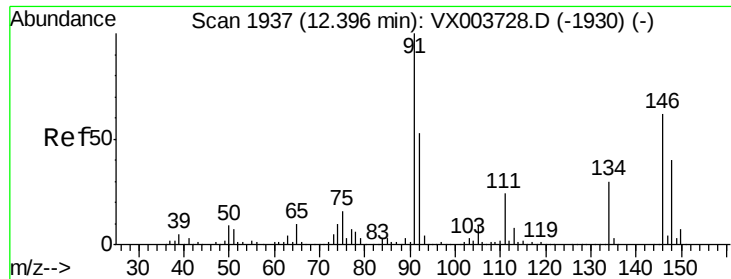
Delta R.T. 0.00 min

Lab File: VX003815.D

Acq: 02 Aug 2018 00:17

Tgt Ion:	117	Resp:	17162
Ion Ratio	Lower	Upper	
117	100		
201	96.9	49.3	147.8





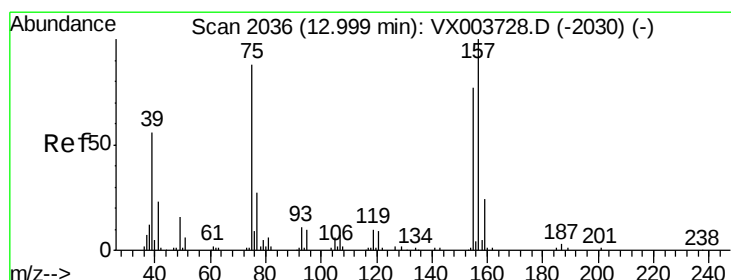
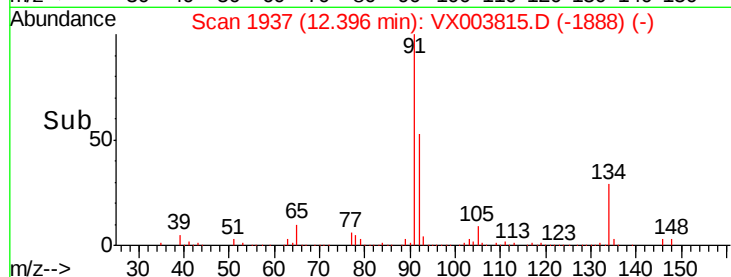
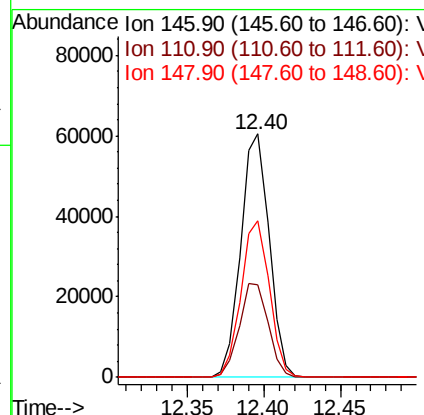
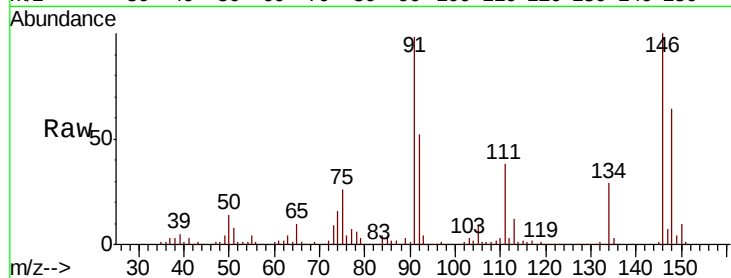
#91
 1,2-Dichlorobenzene
 Concen: 62.179 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.4	58.4
148	64.1	32.0	96.0

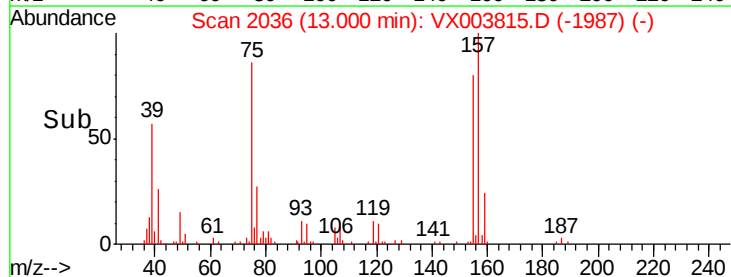
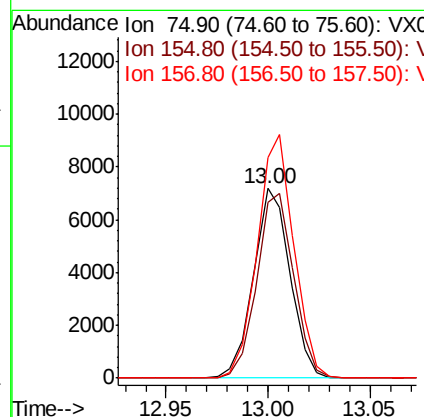
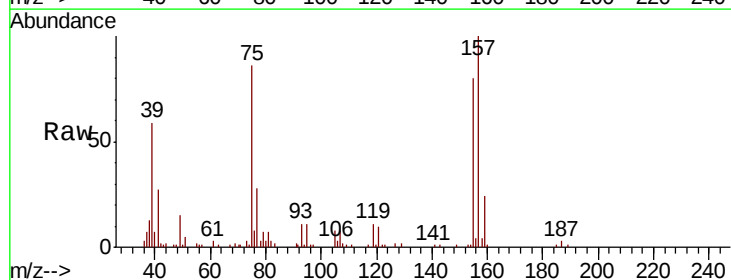
Manual Integrations
 APPROVED

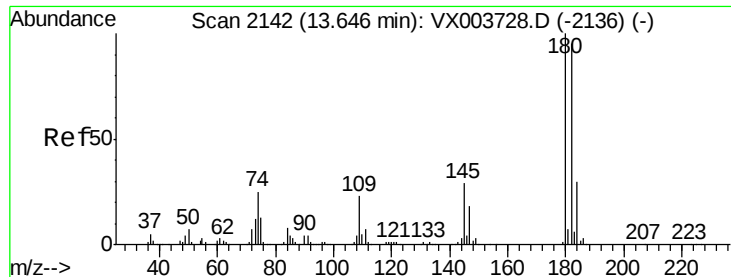
apatel
 8/2/2018 4:51:05 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 68.170 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.4	48.9	146.7
157	128.0	63.7	191.1





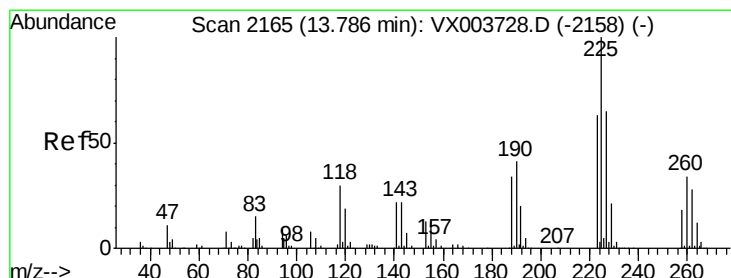
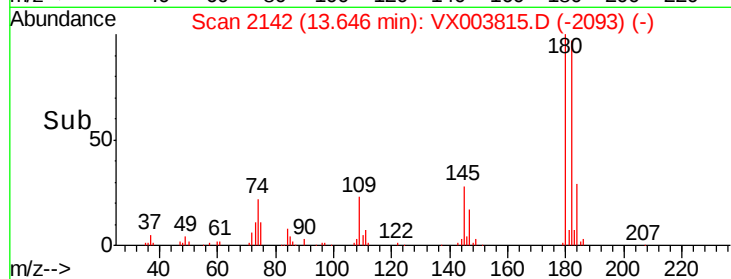
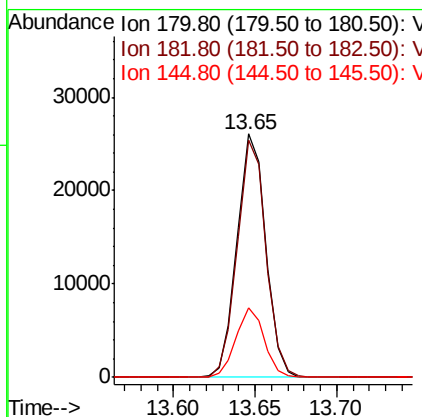
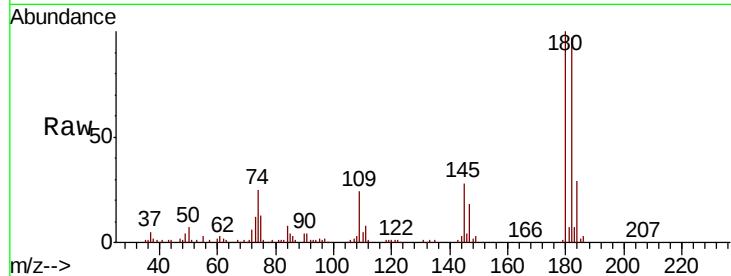
#93
 1,2,4-Trichlorobenzene
 Concen: 32.216 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.6	142.9
145	28.2	14.1	42.2

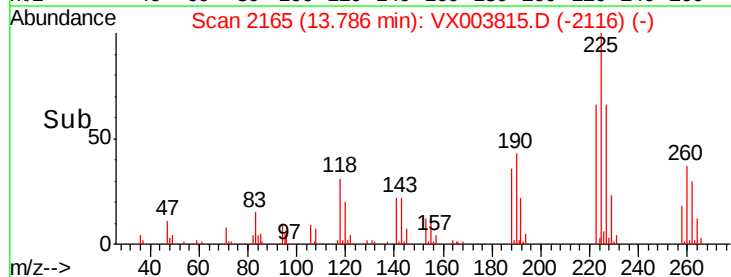
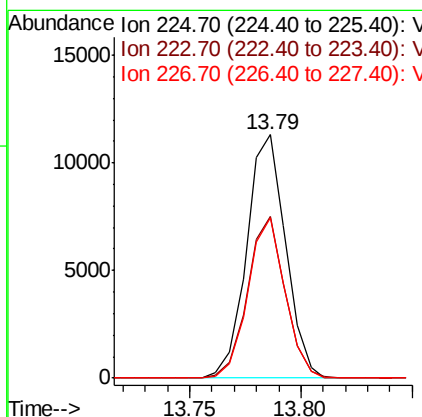
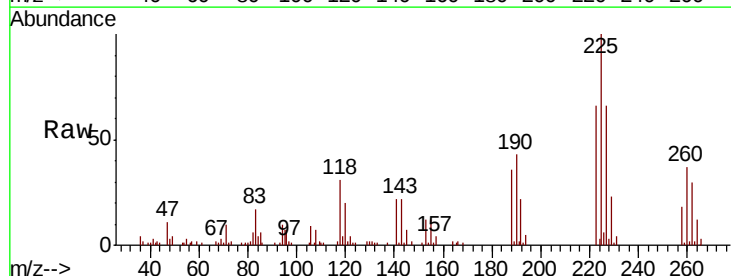
Manual Integrations
 APPROVED

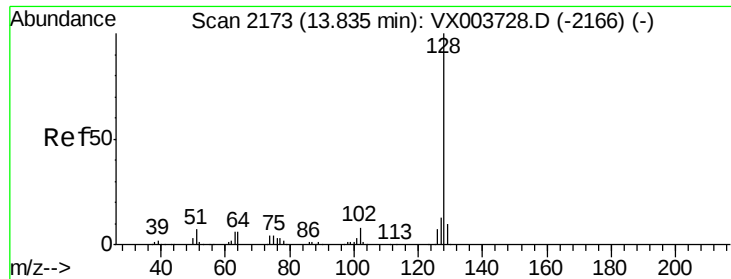
apatel
 8/2/2018 4:51:05 PM



#94
 Hexachlorobutadiene
 Concen: 21.672 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003815.D
 Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.1	93.5
227	62.9	31.9	95.9





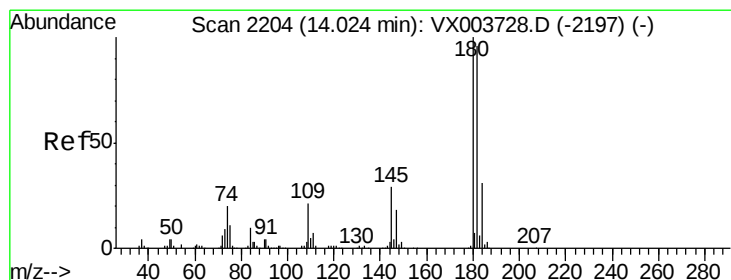
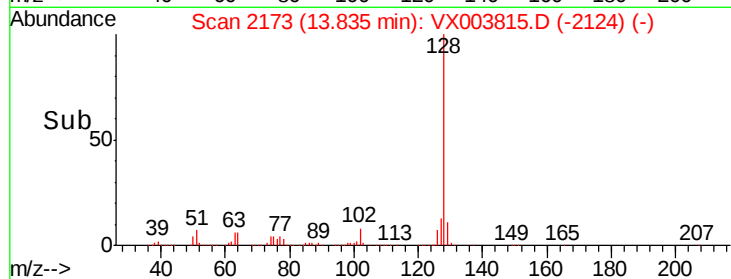
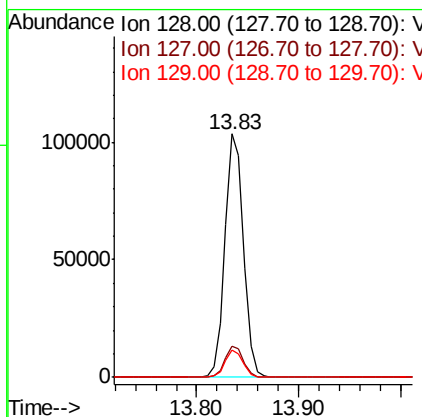
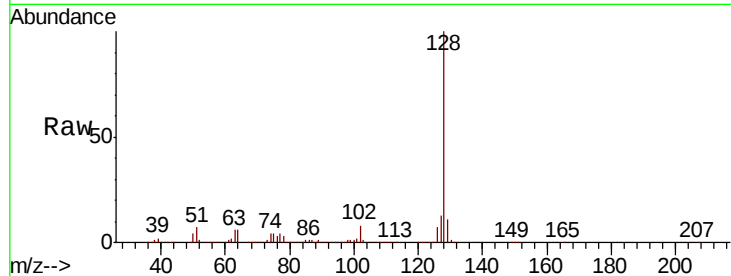
#95
Naphthalene
Concen: 61.254 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
8/2/2018 4:51:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 33.374 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003815.D
Acq: 02 Aug 2018 00:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.9	143.8
145	31.2	14.7	44.1

