

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001423.D
 Acq On : 05 May 2018 17:27
 Operator : JC/MD
 Sample : VX0505WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:55 AM

Quant Time: May 06 08:11:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	234889	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	198915	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	5.51	113	159716	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	8.72	98	586306	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.14	95	219588	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78840	22.050	ug/l	97
3) Chloromethane	1.32	50	72570	20.840	ug/l	99
4) Vinyl Chloride	1.40	62	77195	21.241	ug/l	99
5) Bromomethane	1.64	94	51362	29.463	ug/l	96
6) Chloroethane	1.72	64	50404	20.982	ug/l	99
7) Trichlorofluoromethane	1.93	101	118634	21.690	ug/l	100
8) Diethyl Ether	2.19	74	44913	20.951	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67249	20.973	ug/l	98
10) Methyl Iodide	2.51	142	83588	18.066	ug/l	99
11) Tert butyl alcohol	3.09	59	92719	115.193	ug/l	98
12) 1,1-Dichloroethene	2.37	96	62650	21.316	ug/l	97
13) Acrolein	2.30	56	17943	106.378	ug/l	96
14) Allyl chloride	2.73	41	117189	21.384	ug/l	99
15) Acrylonitrile	3.15	53	199985	109.952	ug/l	99
16) Acetone	2.45	43	200028	115.390	ug/l	99
17) Carbon Disulfide	2.57	76	153630	20.540	ug/l	99
18) Methyl Acetate	2.78	43	102419	22.488	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	220337	21.532	ug/l	99
20) Methylene Chloride	2.86	84	71486	20.828	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	67655	20.627	ug/l	99
22) Diisopropyl ether	3.88	45	206415	20.160	ug/l	98
23) Vinyl Acetate	3.83	43	889177	104.206	ug/l	100
24) 1,1-Dichloroethane	3.70	63	125376	21.921	ug/l	99
25) 2-Butanone	4.72	43	279188	111.417	ug/l	98
26) 2,2-Dichloropropane	4.59	77	94529	21.402	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	72191	20.666	ug/l	98
28) Bromochloromethane	5.02	49	51294	20.685	ug/l	98
29) Tetrahydrofuran	5.18	42	175422	109.416	ug/l	100
30) Chloroform	5.23	83	124374	21.111	ug/l	98
31) Cyclohexane	5.58	56	103012	20.970	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	108984	21.166	ug/l	98
36) 1,1-Dichloropropene	5.81	75	91660	20.611	ug/l	99
37) Ethyl Acetate	4.87	43	103813	21.296	ug/l	100
38) Carbon Tetrachloride	5.79	117	97676	20.594	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001423.D
 Acq On : 05 May 2018 17:27
 Operator : JC/MD
 Sample : VX0505WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0505WBS01

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:55 AM

Quant Time: May 06 08:11:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107048	20.360	ug/l	98
40) Benzene	6.15	78	268773	20.692	ug/l	100
41) Methacrylonitrile	5.07	41	58099	20.830	ug/l	98
42) 1,2-Dichloroethane	6.20	62	105691	21.170	ug/l	99
43) Isopropyl Acetate	6.48	43	159004	21.247	ug/l	100
44) Trichloroethene	7.22	130	83409	21.009	ug/l	100
45) 1,2-Dichloropropane	7.53	63	67702	20.907	ug/l	100
46) Dibromomethane	7.67	93	48032	20.952	ug/l	98
47) Bromodichloromethane	7.90	83	88555	20.872	ug/l	100
48) Methyl methacrylate	7.79	41	85950	21.093	ug/l	99
49) 1,4-Dioxane	7.76	88	38215	434.077	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	546341	109.864	ug/l	98
52) Toluene	8.79	92	177583	20.908	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	101209	21.108	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	91278	19.842	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	70971	20.741	ug/l	98
56) Ethyl methacrylate	9.19	69	102092	20.698	ug/l	99
57) 1,3-Dichloropropane	9.38	76	117529	20.773	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	256417	105.989	ug/l	100
59) 2-Hexanone	9.51	43	417189	109.556	ug/l	99
60) Dibromochloromethane	9.59	129	72965	20.823	ug/l	100
61) 1,2-Dibromoethane	9.68	107	75373	20.979	ug/l	99
64) Tetrachloroethene	9.34	164	98785	21.383	ug/l	99
65) Chlorobenzene	10.15	112	202345	20.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	73869	21.245	ug/l	99
67) Ethyl Benzene	10.26	91	331313	20.795	ug/l	99
68) m/p-Xylenes	10.37	106	266796	42.380	ug/l	99
69) o-Xylene	10.71	106	128623	21.023	ug/l	99
70) Styrene	10.72	104	210123	21.140	ug/l	99
71) Bromoform	10.87	173	57320	19.487	ug/l	99
73) Isopropylbenzene	11.02	105	344695	21.198	ug/l	100
74) N-amyl acetate	6.48	43	159004	21.528	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	101493	21.133	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	100544m	21.106	ug/l	
77) Bromobenzene	11.26	156	98296	20.792	ug/l	99
78) n-propylbenzene	11.37	91	384313	21.704	ug/l	100
79) 2-Chlorotoluene	11.43	91	231931	21.285	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	291252	21.513	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24427	19.235	ug/l	89
82) 4-Chlorotoluene	11.52	91	269259	21.420	ug/l	100
83) tert-Butylbenzene	11.77	119	281996	20.934	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	302604	21.748	ug/l	99
85) sec-Butylbenzene	11.95	105	350162	21.657	ug/l	99
86) p-Isopropyltoluene	12.07	119	325163	21.922	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	176543	20.891	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	180577	20.950	ug/l	99
89) n-Butylbenzene	12.40	91	256474	20.868	ug/l	99
90) Hexachloroethane	12.60	117	45469	20.358	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	176153	20.488	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	24031	22.775	ug/l	94

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
Data File : VX001423.D
Acq On : 05 May 2018 17:27
Operator : JC/MD
Sample : VX0505WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM

Quant Time: May 06 08:11:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129638	20.605	ug/l	99
94) Hexachlorobutadiene	13.79	225	71677	20.821	ug/l	99
95) Naphthalene	13.84	128	376978	21.665	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133965	20.751	ug/l	100

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

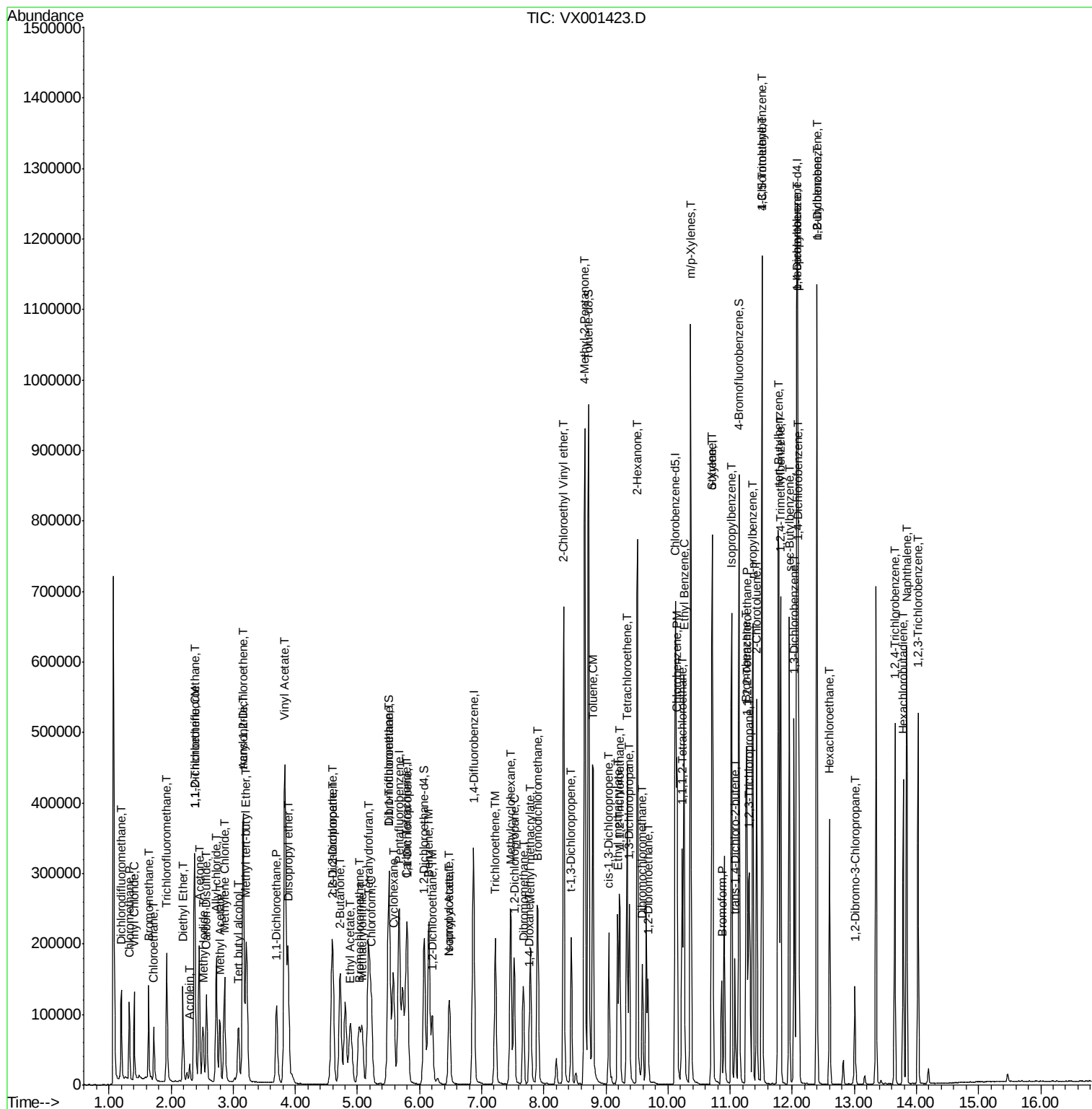
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001423.D
 Acq On : 05 May 2018 17:27
 Operator : JC/MD
 Sample : VX0505WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

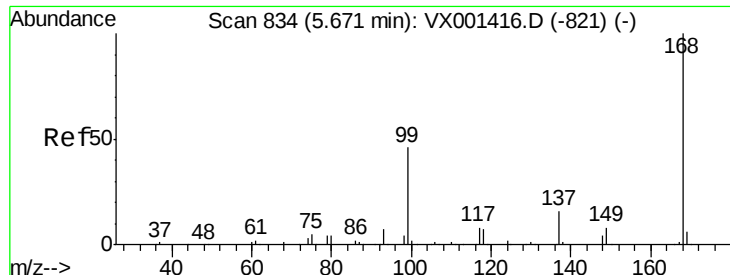
Instrument :
 MSVOA_X
 Client Sample ID :
 VX0505WBS01

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:55 AM

Quant Time: May 06 08:11:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion:168 Resp: 265607

Ion Ratio Lower Upper

168 100

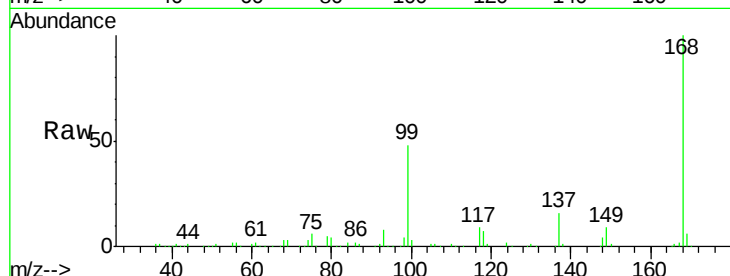
99 47.6 36.6 54.8

Manual Integrations

APPROVED

apatel

5/8/2018 7:53:55 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

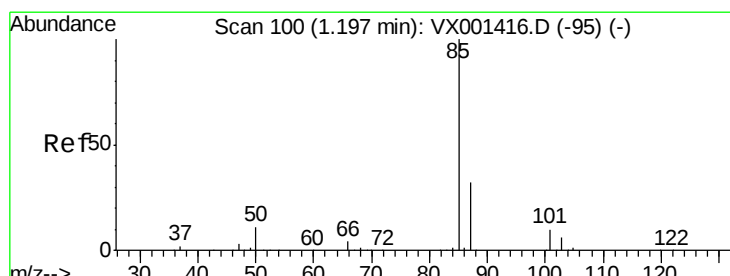
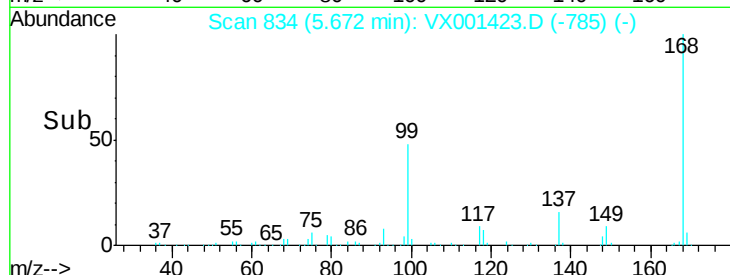
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.050 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001423.D

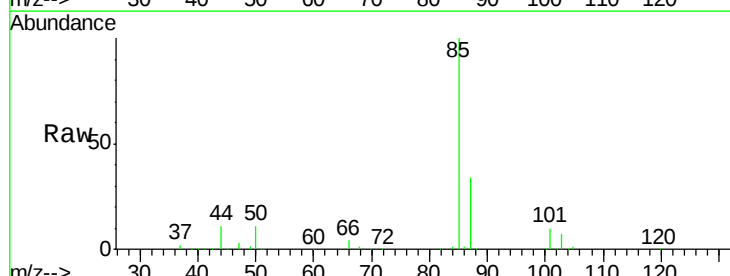
Acq: 05 May 2018 17:27

Tgt Ion: 85 Resp: 78840

Ion Ratio Lower Upper

85 100

87 34.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

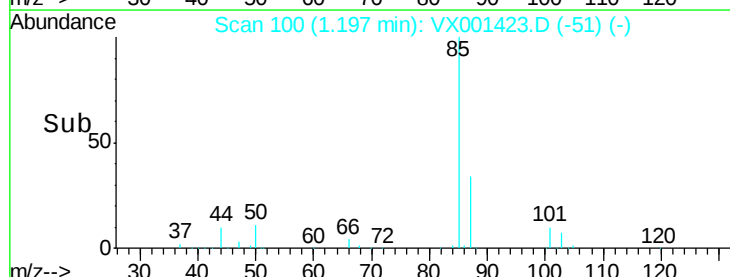
60000

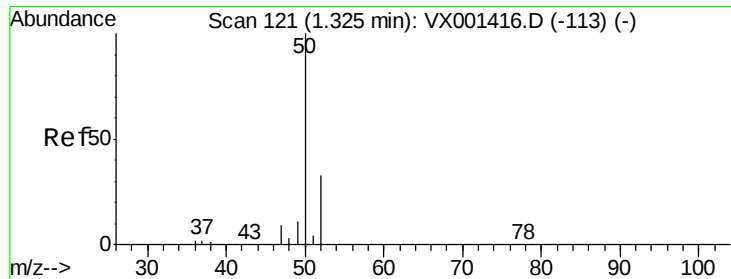
40000

20000

0

Time-->





#3

Chloromethane

Concen: 20.840 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion: 50 Resp: 72570

Ion Ratio Lower Upper

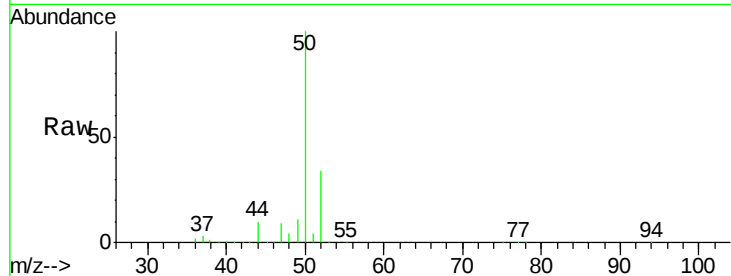
50 100

52 33.5 26.2 39.4

Manual Integrations
APPROVED

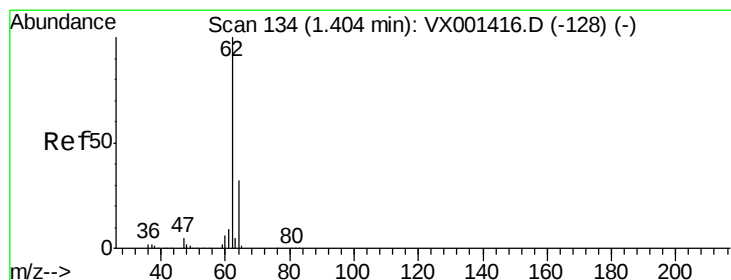
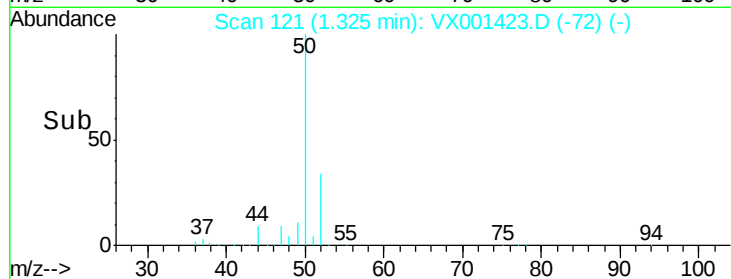
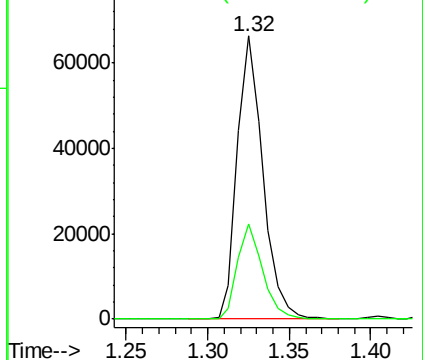
apatel

5/8/2018 7:53:55 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.241 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001423.D

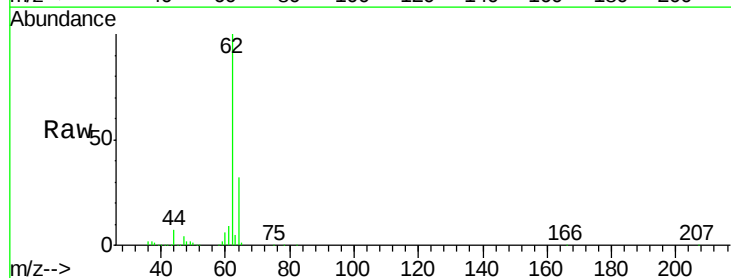
Acq: 05 May 2018 17:27

Tgt Ion: 62 Resp: 77195

Ion Ratio Lower Upper

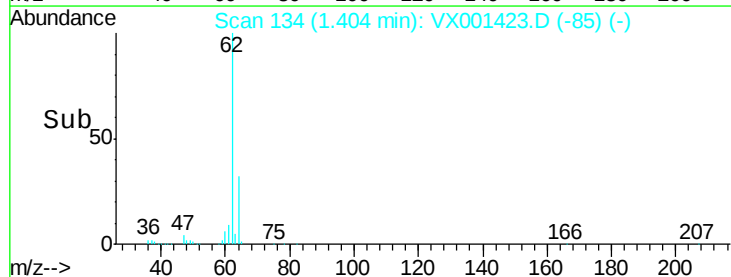
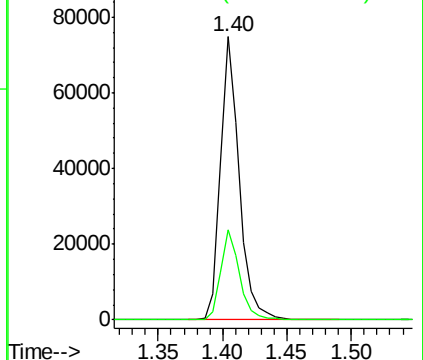
62 100

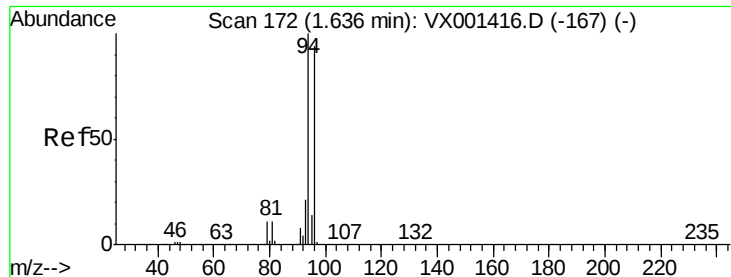
64 31.8 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 29.463 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion: 94 Resp: 51362

Ion Ratio Lower Upper

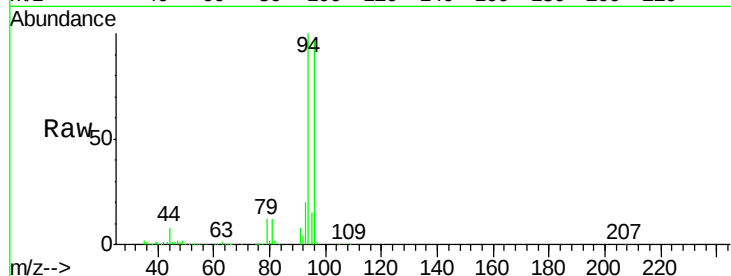
94 100

96 97.2 75.0 112.6

Manual Integrations
APPROVED

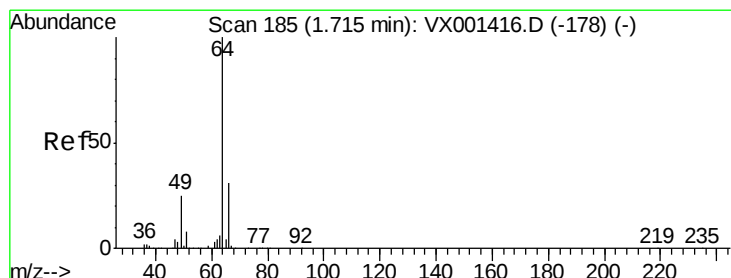
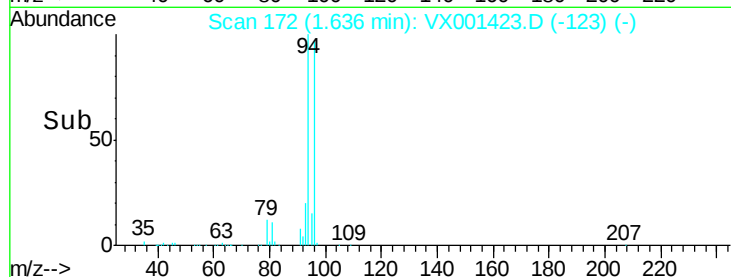
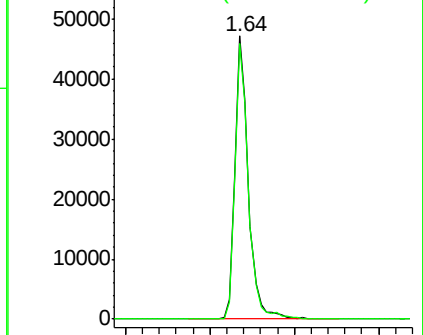
apatel

5/8/2018 7:53:55 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.982 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001423.D

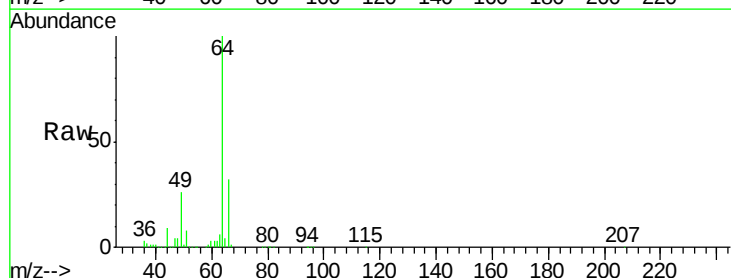
Acq: 05 May 2018 17:27

Tgt Ion: 64 Resp: 50404

Ion Ratio Lower Upper

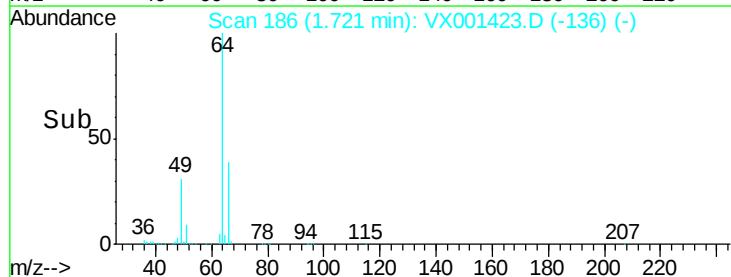
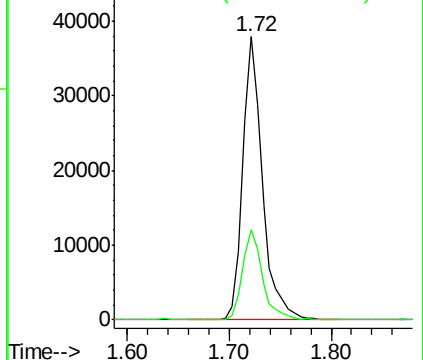
64 100

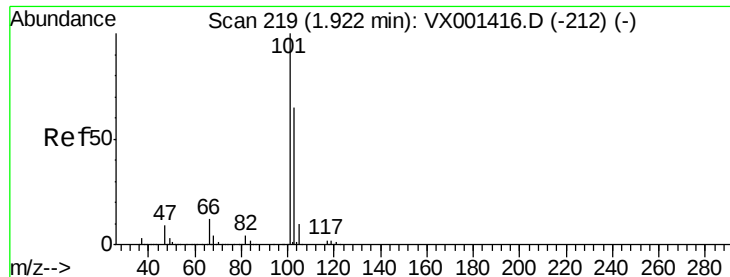
66 31.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

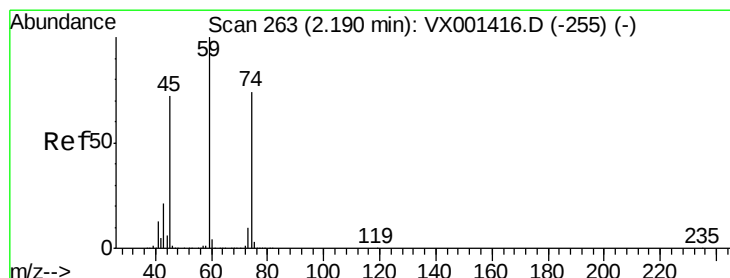
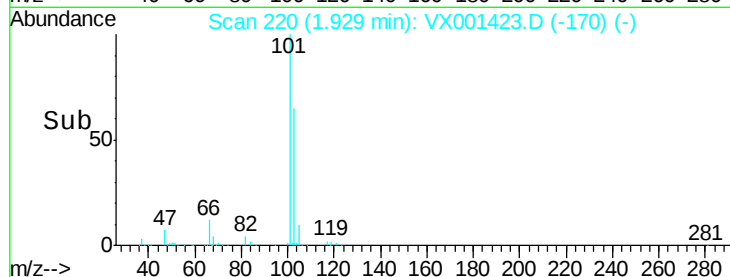
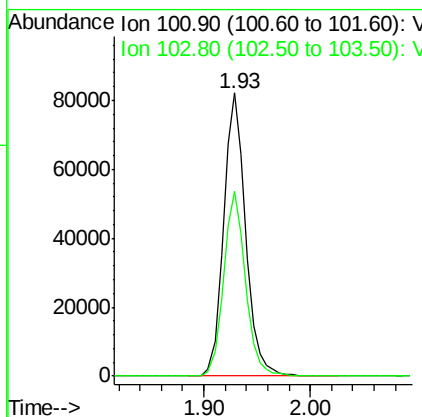
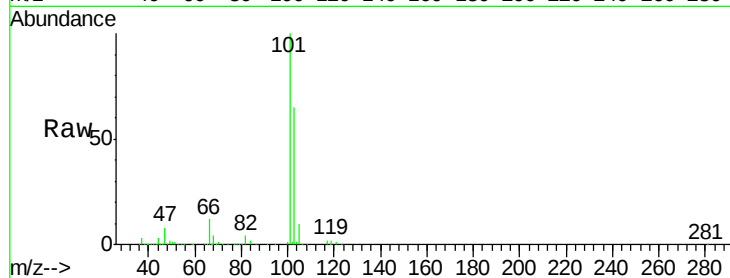
Trichlorofluoromethane
Concen: 21.690 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	118634		
103	65.1	52.0	78.0	

Manual Integrations
APPROVED

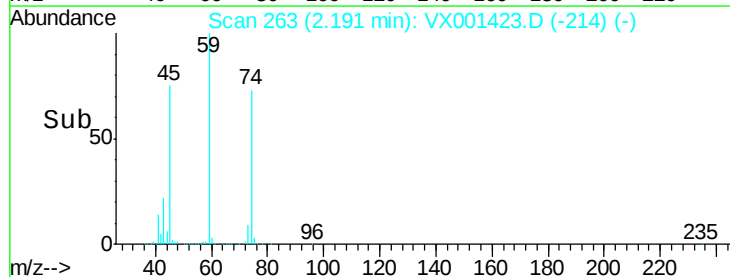
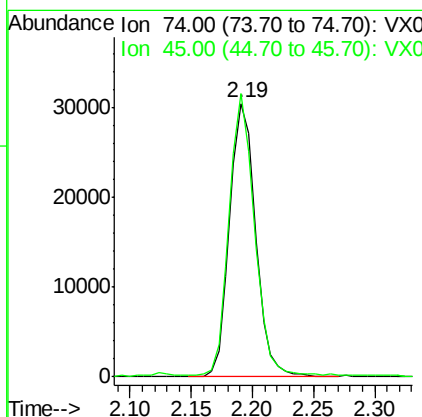
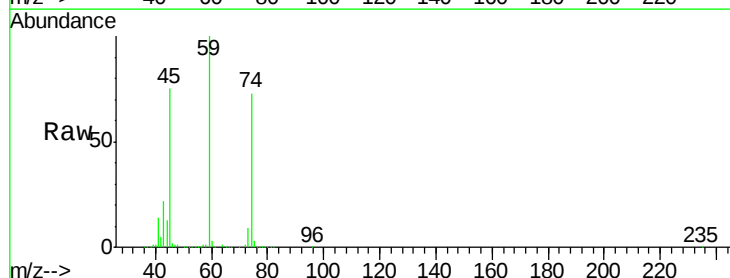
apatel
5/8/2018 7:53:55 AM

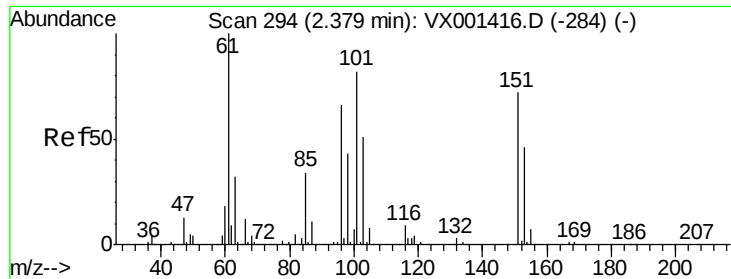


#8

Diethyl Ether
Concen: 20.951 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	44913		
45	99.0	47.9	143.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.973 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

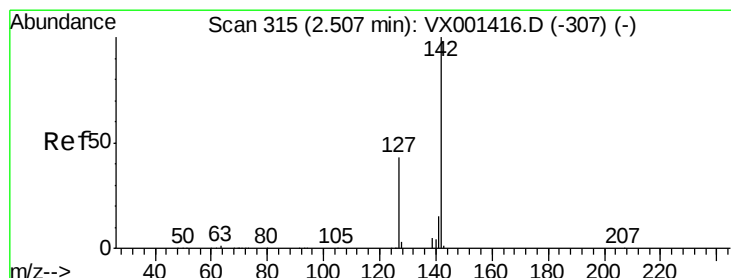
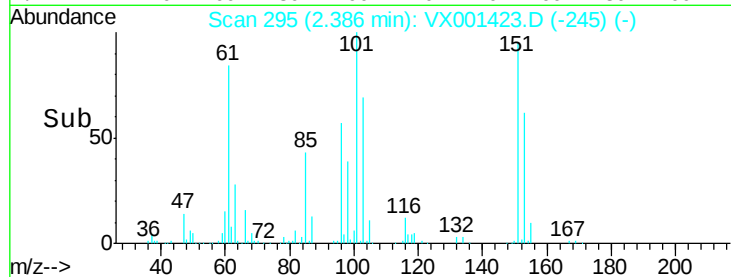
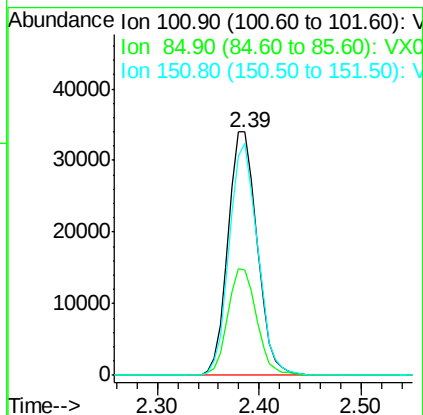
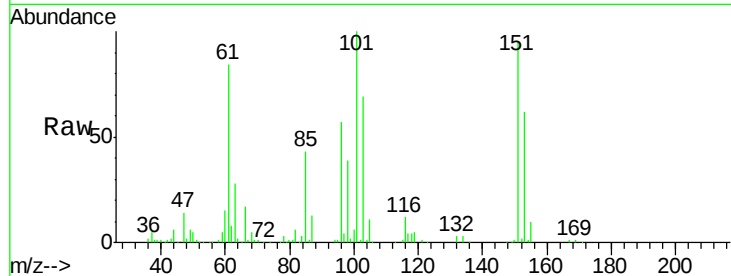
ClientSampleId :

VX0505WBS01

Tot Ion:	101	Resp:	67249
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.7	50.5
151	92.5	72.3	108.5

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM



#10

Methyl Iodide

Concen: 18.066 ug/l

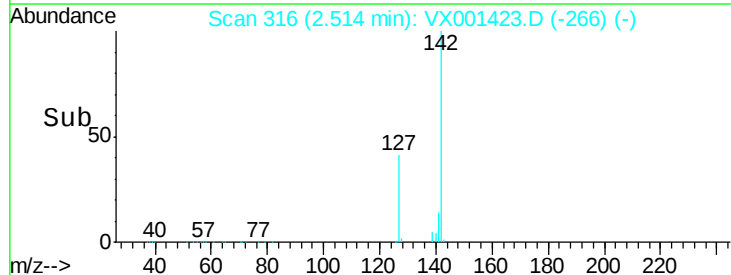
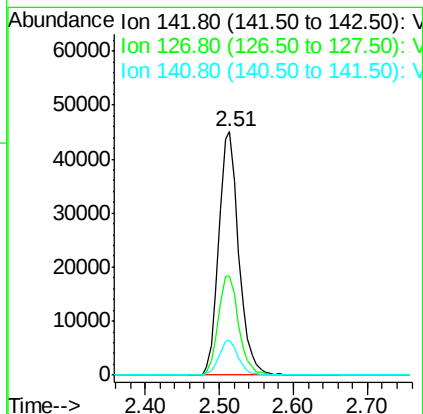
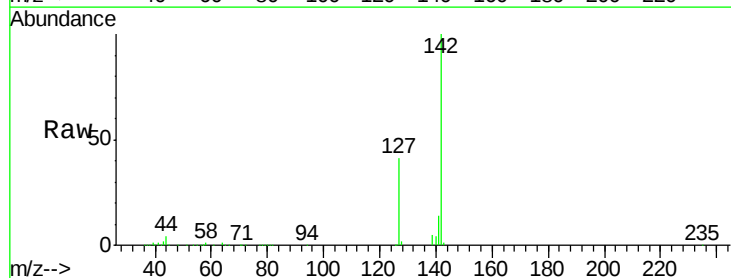
RT: 2.51 min Scan# 316

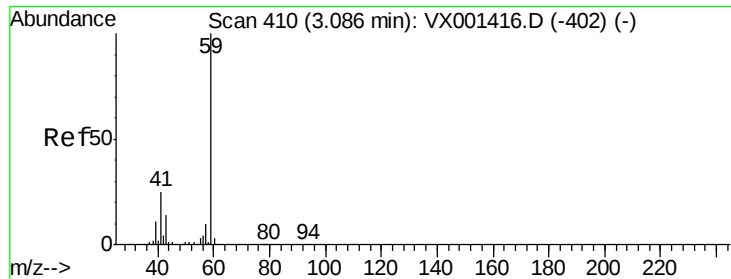
Delta R.T. 0.01 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion:	142	Resp:	83588
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.6	50.4
141	13.8	11.4	17.2





#11

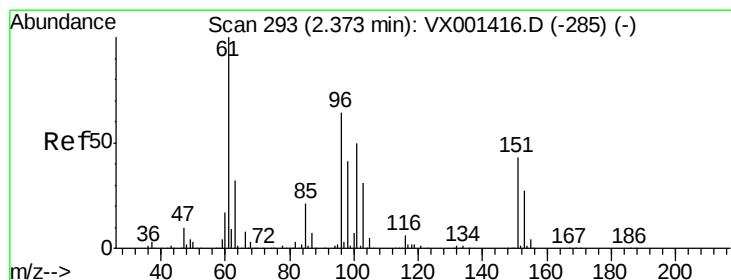
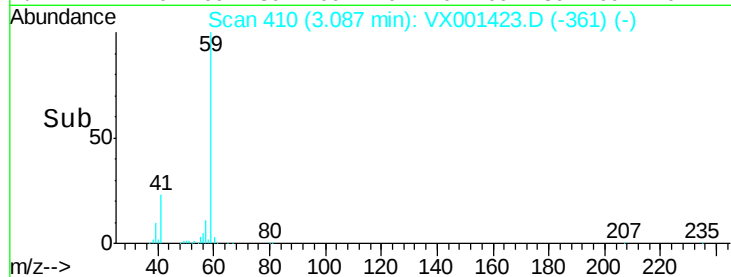
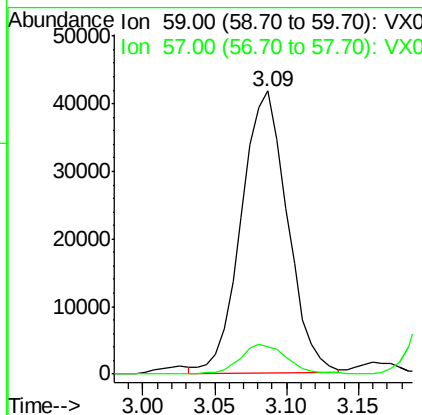
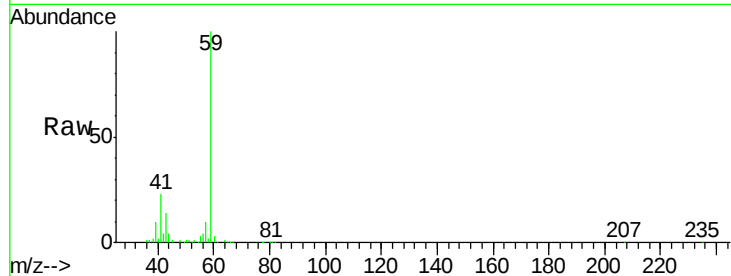
Tert butyl alcohol
Concen: 115.193 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.4

Manual Integrations
APPROVED

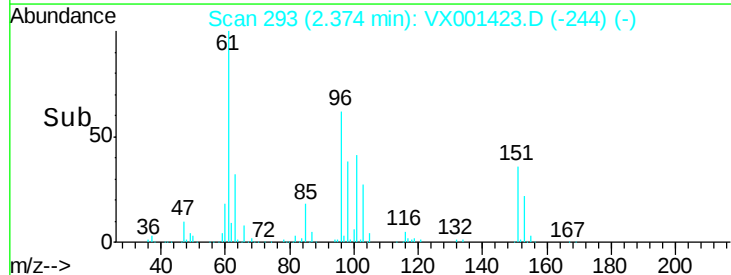
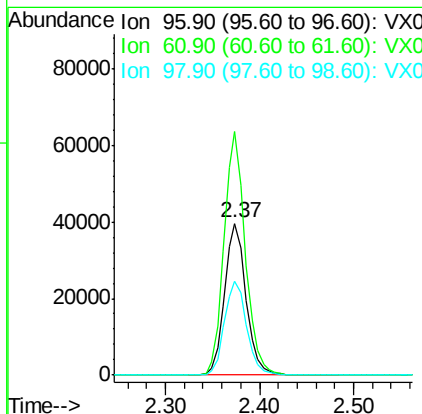
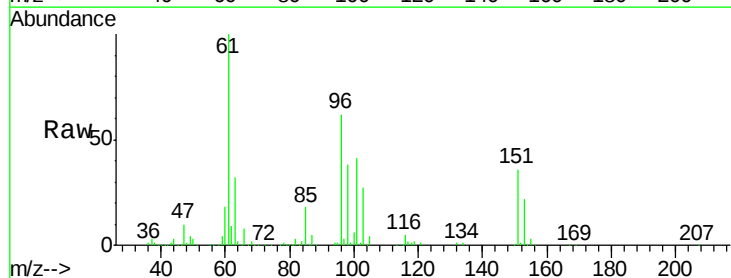
apatel
5/8/2018 7:53:55 AM



#12

1,1-Dichloroethene
Concen: 21.316 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.7	125.7	188.5
98	61.8	52.0	78.0





#13

Acrolein

Concen: 106.378 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion: 56 Resp: 17943

Ion Ratio Lower Upper

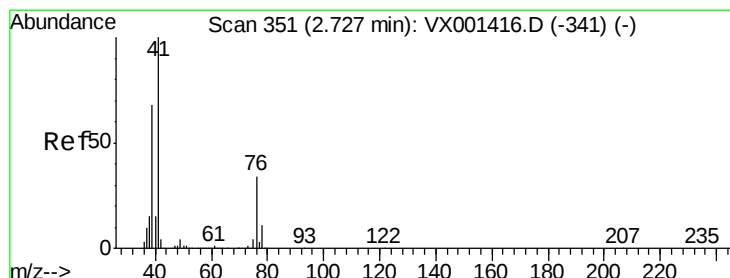
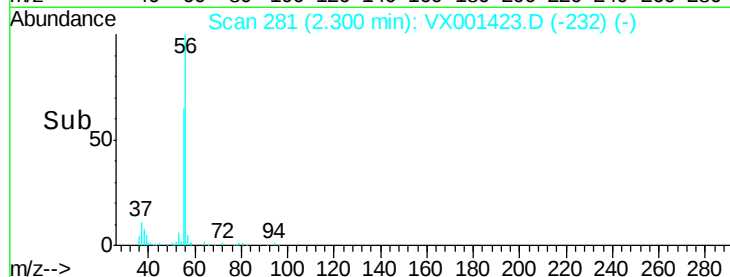
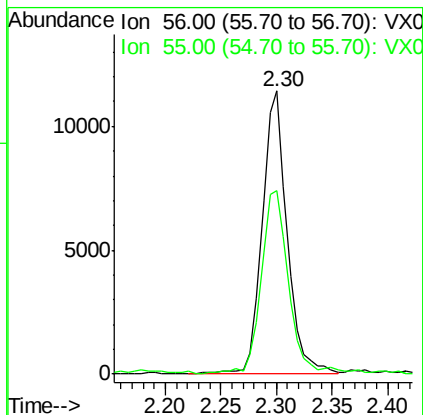
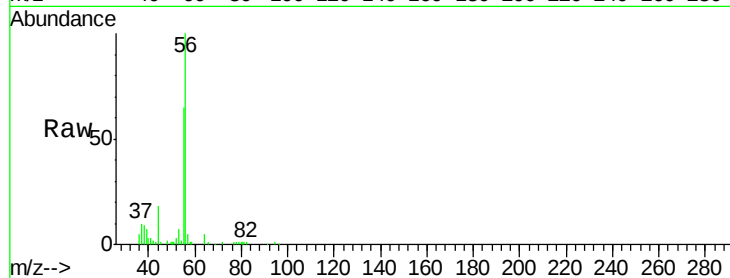
56 100

55 71.5 54.5 81.7

Manual Integrations
APPROVED

apatel

5/8/2018 7:53:55 AM



#14

Allyl chloride

Concen: 21.384 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

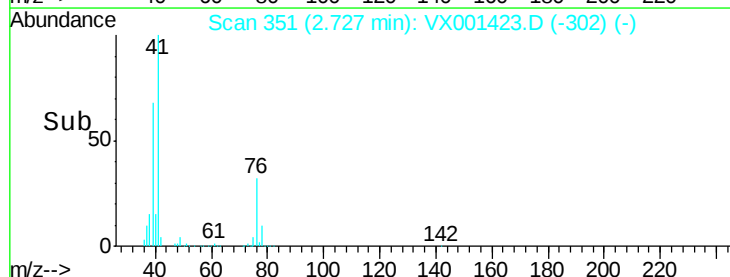
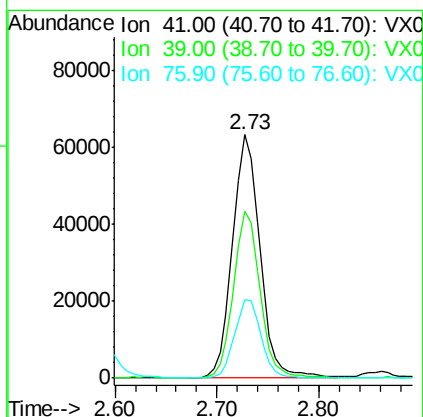
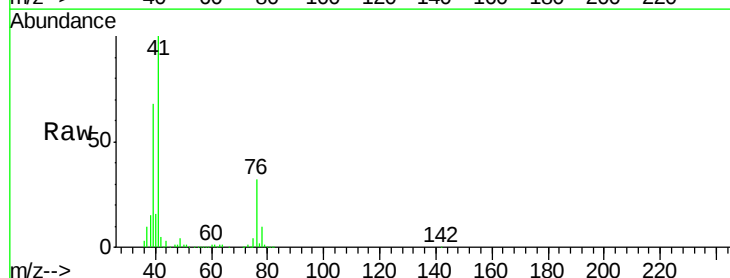
Tgt Ion: 41 Resp: 117189

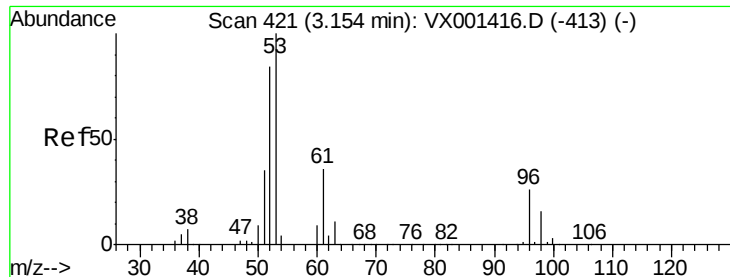
Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

76 31.4 25.8 38.6





#15

Acrylonitrile

Concen: 109.952 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

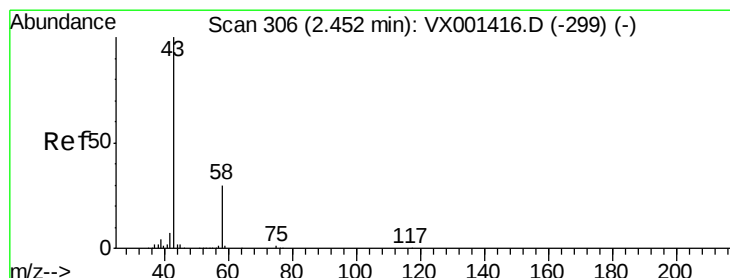
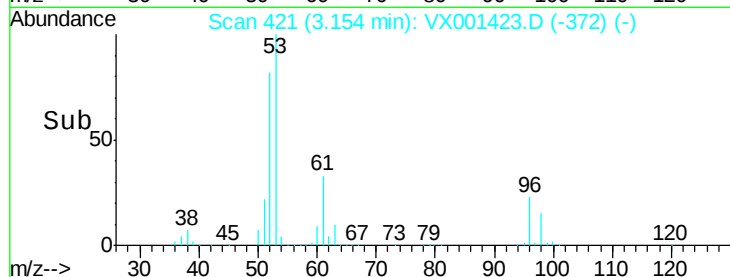
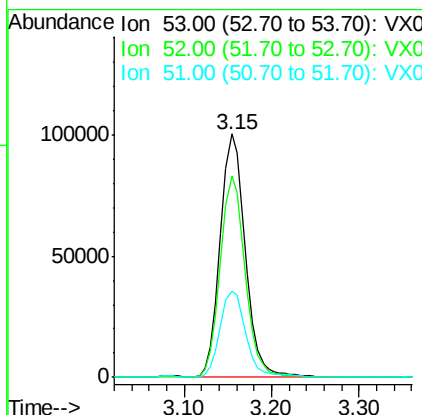
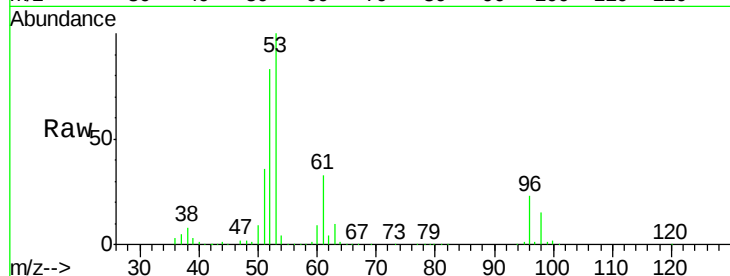
ClientSampled :

VX0505WBS01

Tot Ion:	53	Resp:	199985
Ion Ratio		Lower	Upper
53	100		
52	81.8	66.2	99.2
51	36.7	28.6	43.0

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM



#16

Acetone

Concen: 115.390 ug/l

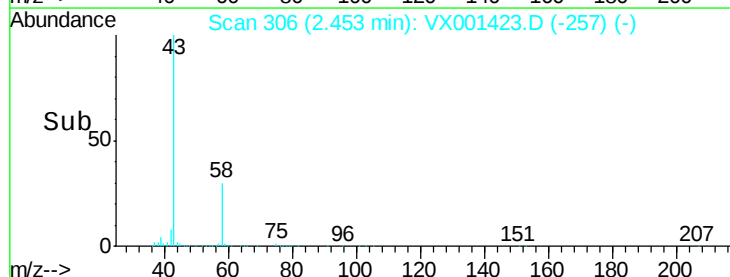
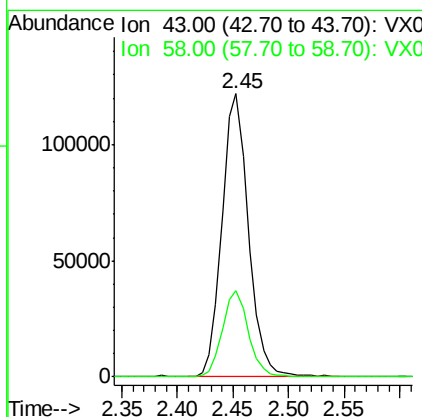
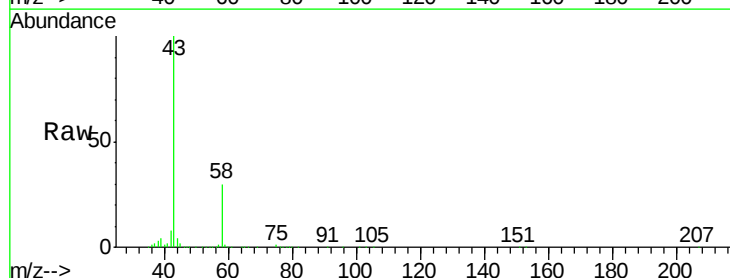
RT: 2.45 min Scan# 306

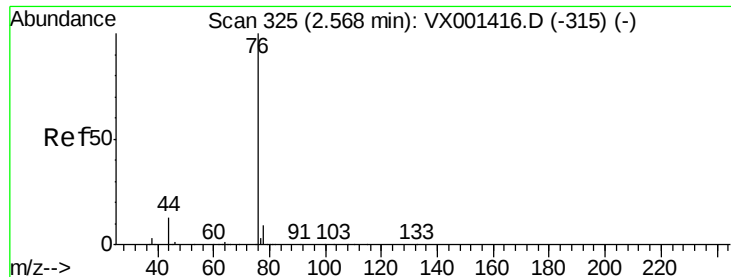
Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion:	43	Resp:	200028
Ion Ratio		Lower	Upper
43	100		
58	30.3	23.8	35.8





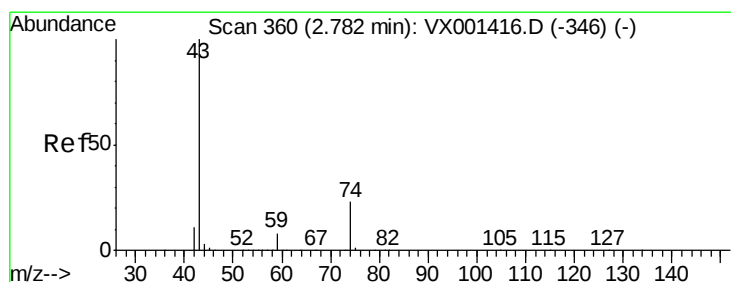
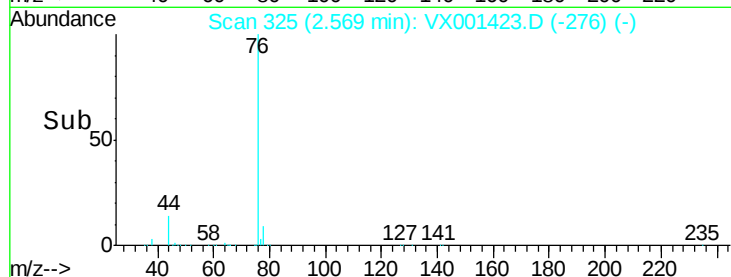
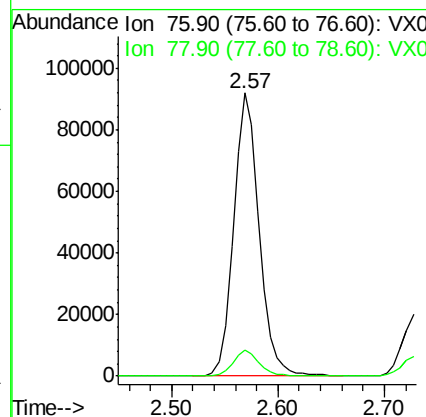
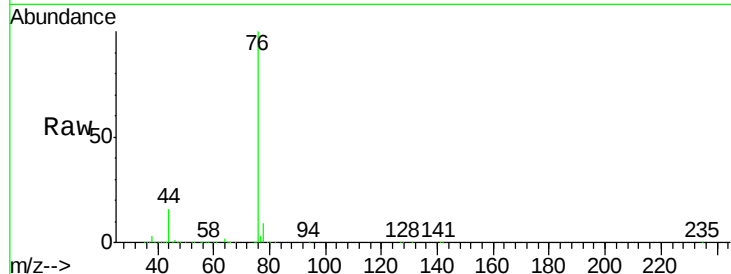
#17
Carbon Disulfide
Concen: 20.540 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

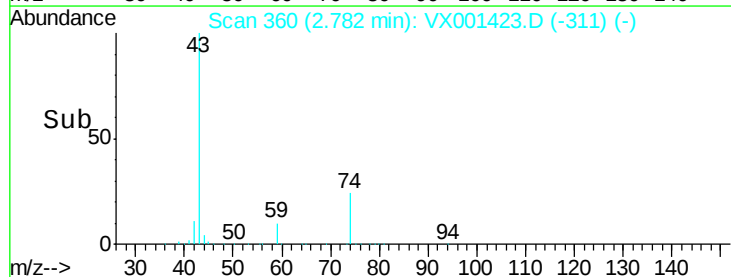
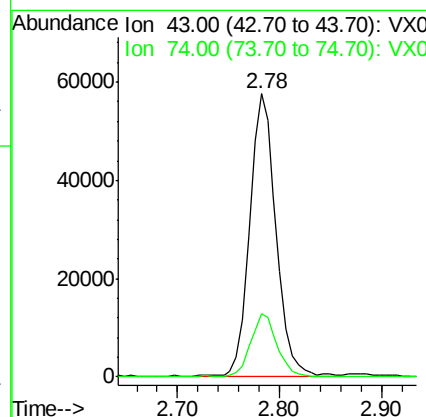
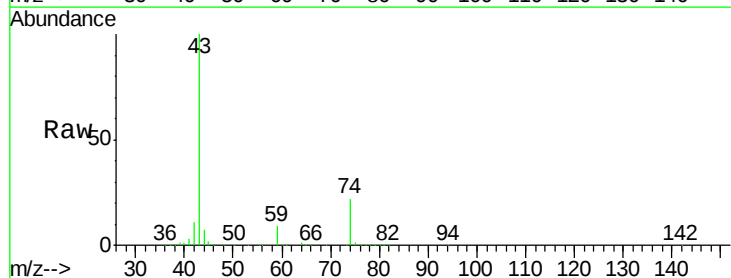
Manual Integrations
APPROVED

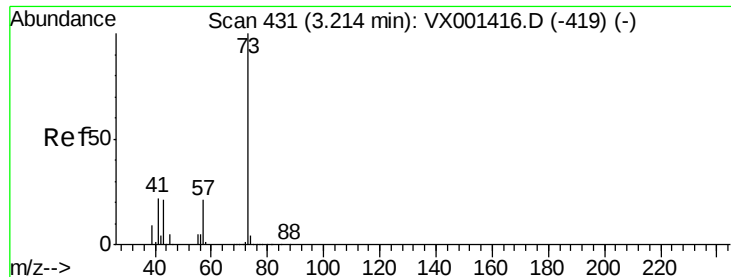
apatel
5/8/2018 7:53:55 AM



#18
Methyl Acetate
Concen: 22.488 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.6	27.8





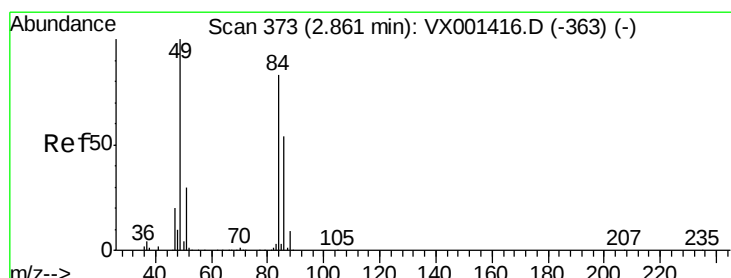
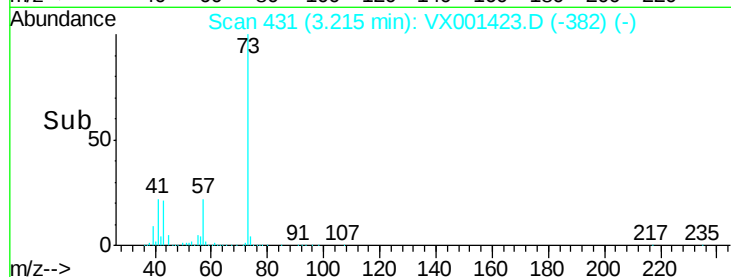
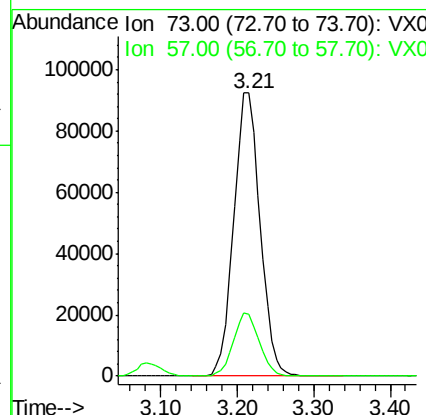
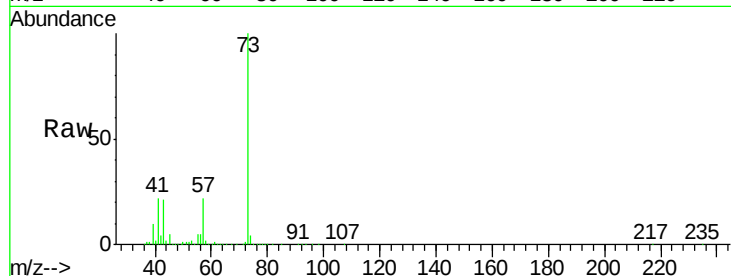
#19
Methyl tert-butyl Ether
Concen: 21.532 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampled :
VX0505WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.0	25.6

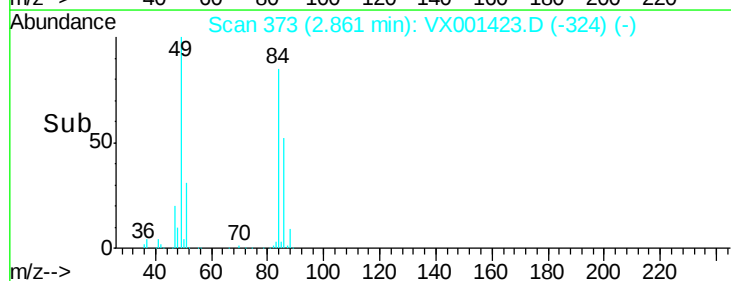
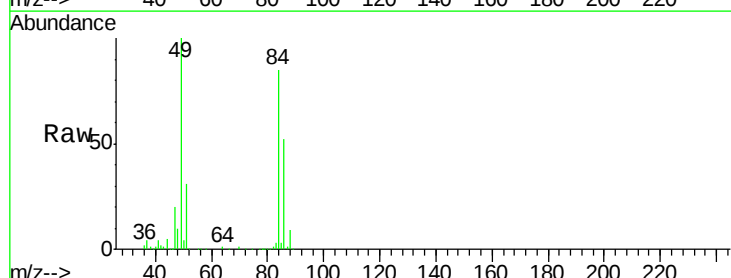
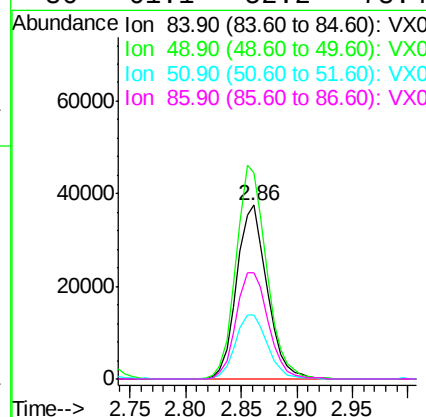
Manual Integrations
APPROVED

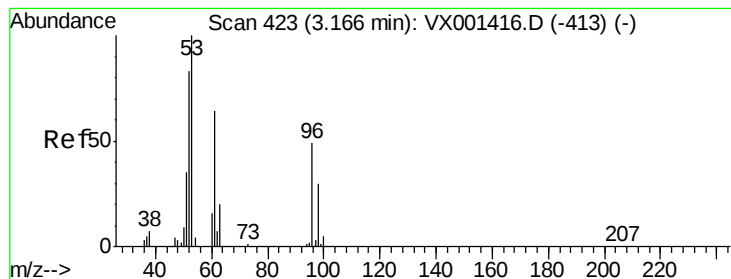
apatel
5/8/2018 7:53:55 AM



#20
Methylene Chloride
Concen: 20.828 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.2	96.6	144.8
51	36.7	29.0	43.4
86	61.1	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 20.627 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

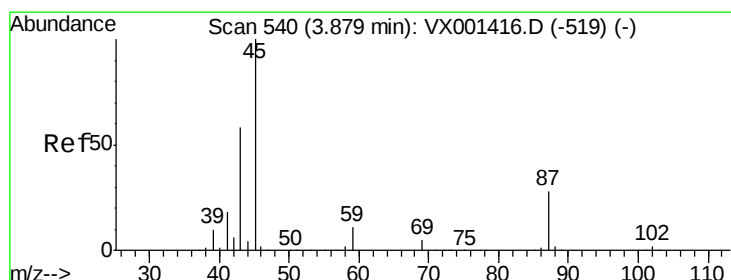
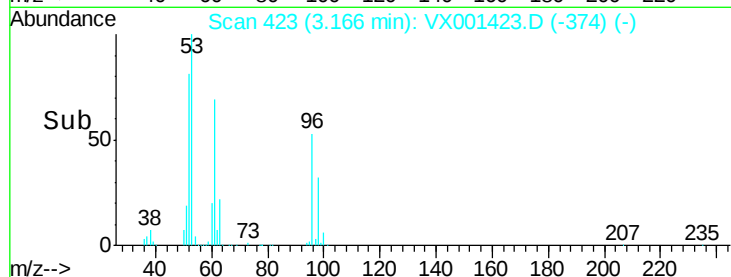
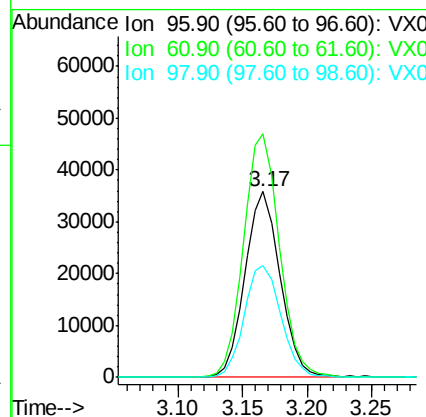
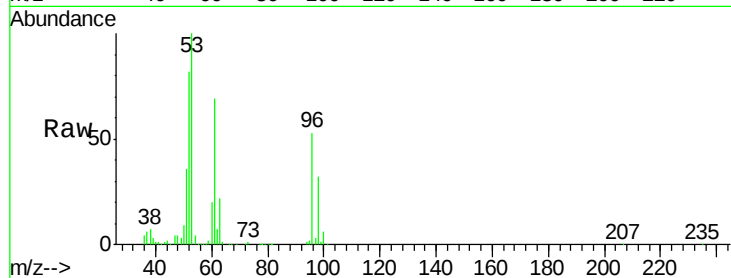
ClientSampleId :

VX0505WBS01

Tot Ion:	96	Resp:	67655
Ion	Ratio	Lower	Upper
96	100		
61	131.1	105.0	157.4
98	60.6	49.9	74.9

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM



#22

Diisopropyl ether

Concen: 20.160 ug/l

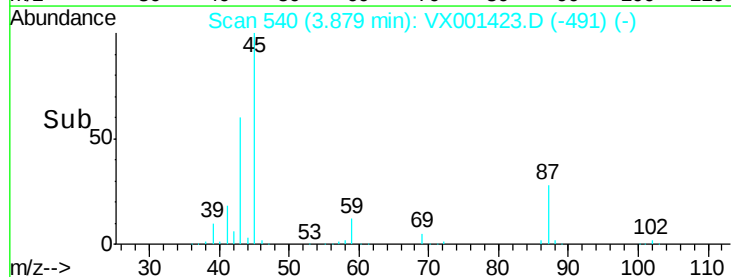
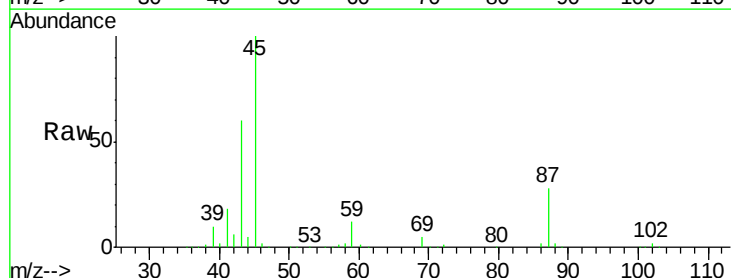
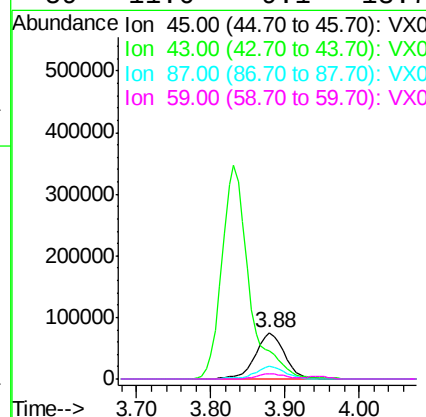
RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion:	45	Resp:	206415
Ion	Ratio	Lower	Upper
45	100		
43	59.9	46.5	69.7
87	27.7	22.6	34.0
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 104.206 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion: 43 Resp: 889177

Ion Ratio Lower Upper

43 100

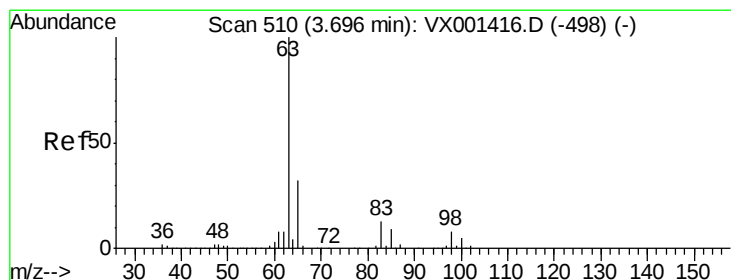
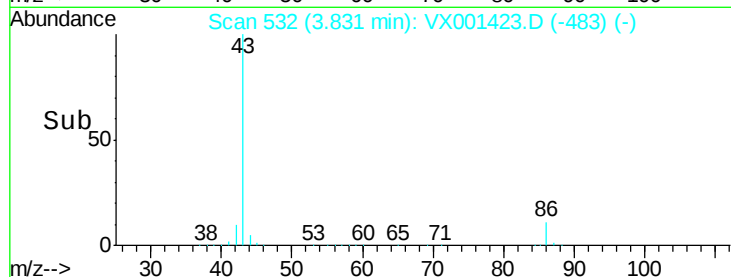
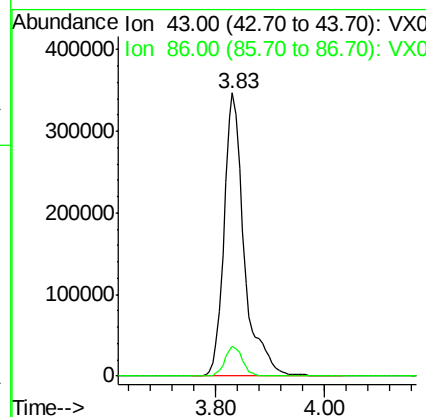
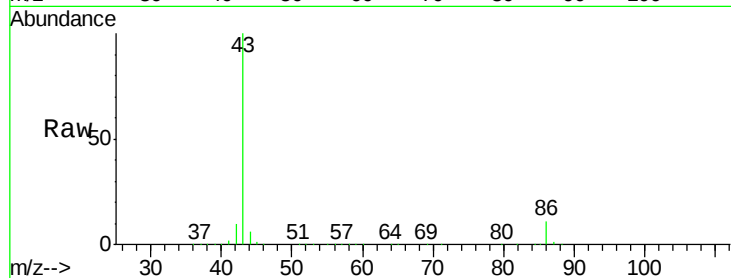
86 10.7 8.6 13.0

Manual Integrations

APPROVED

apatel

5/8/2018 7:53:55 AM



#24

1,1-Dichloroethane

Concen: 21.921 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

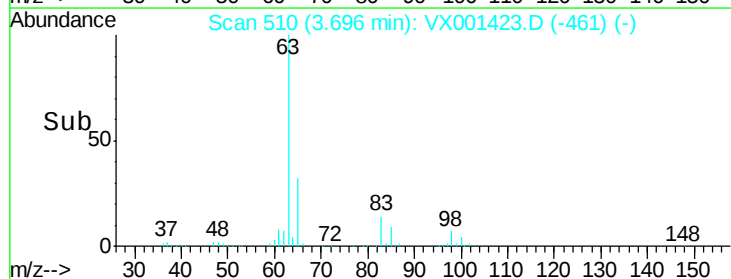
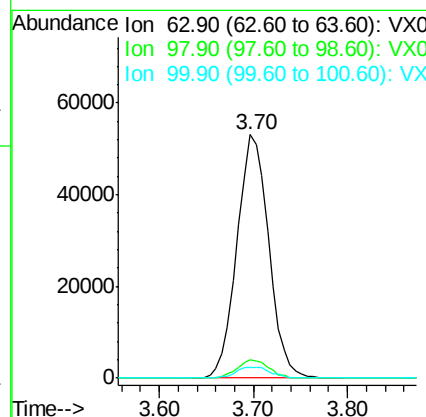
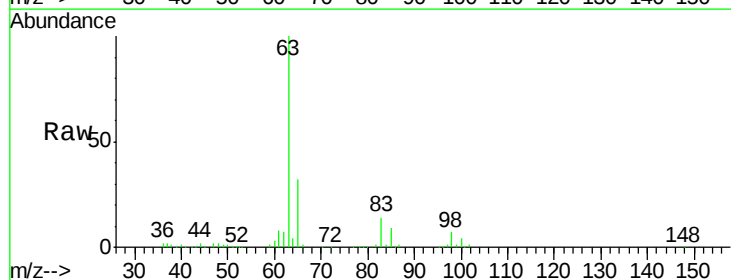
Tgt Ion: 63 Resp: 125376

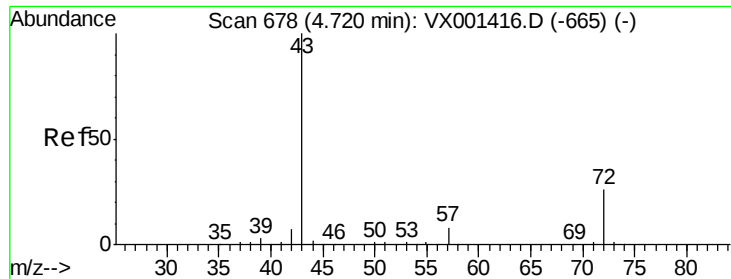
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 111.417 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion: 43 Resp: 279188

Ion Ratio Lower Upper

43 100

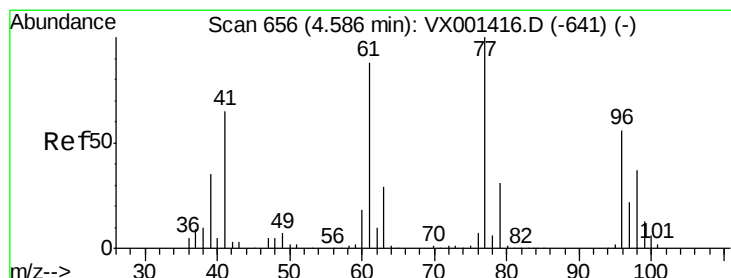
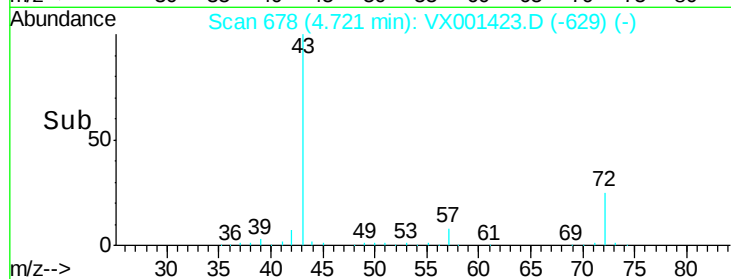
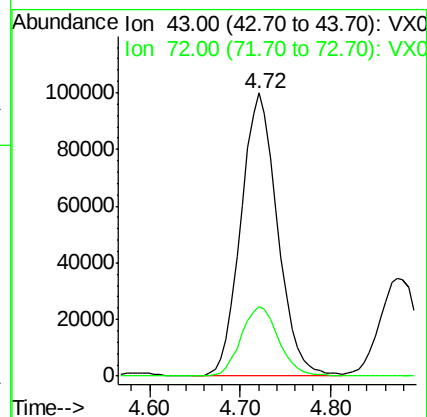
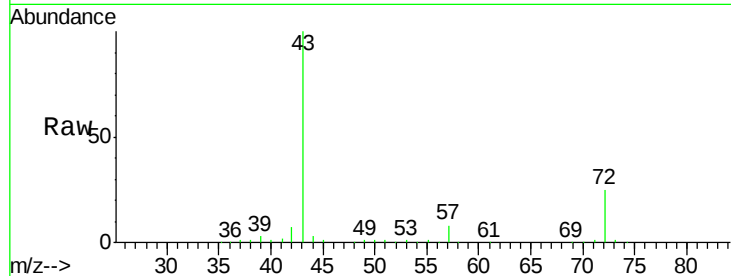
72 24.7 20.7 31.1

Manual Integrations

APPROVED

apatel

5/8/2018 7:53:55 AM



#26

2,2-Dichloropropane

Concen: 21.402 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001423.D

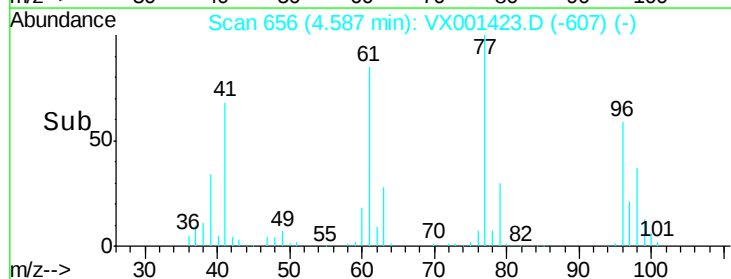
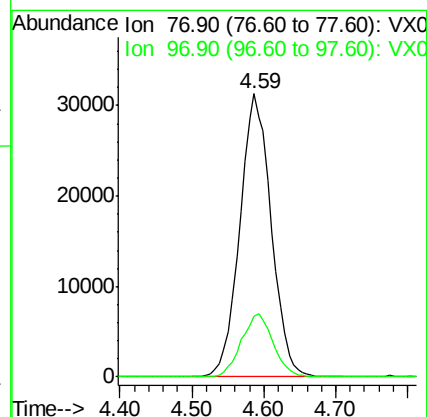
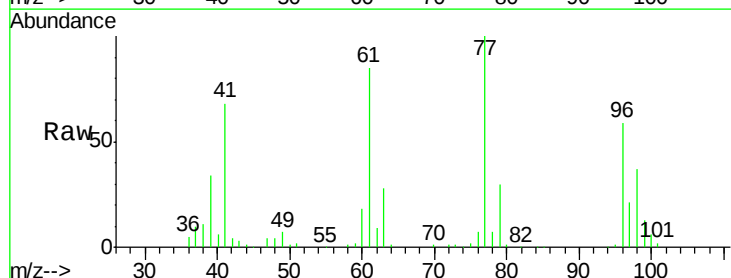
Acq: 05 May 2018 17:27

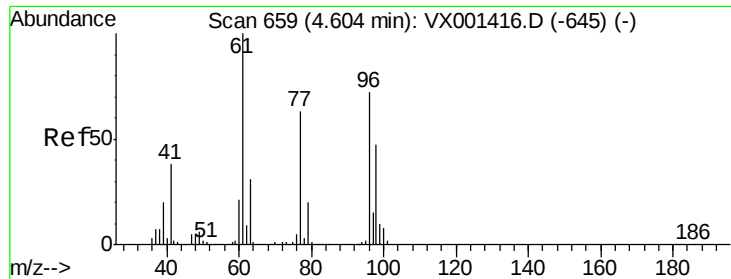
Tgt Ion: 77 Resp: 94529

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6





#27

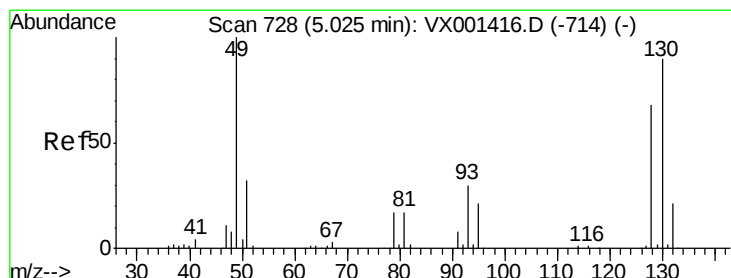
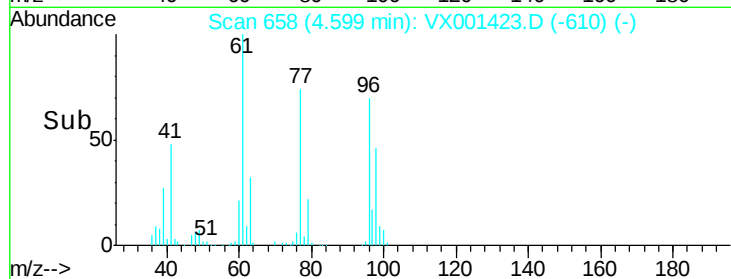
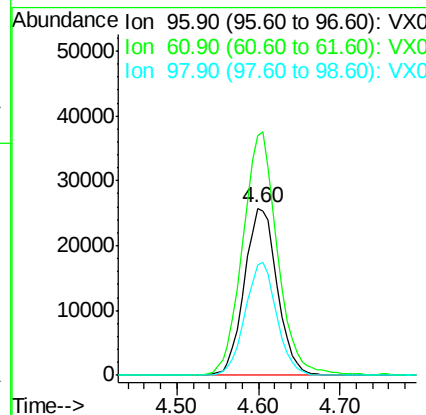
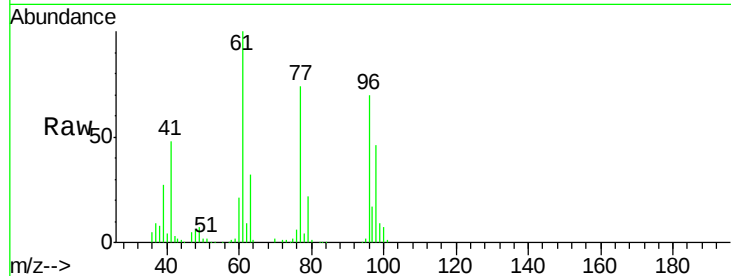
cis-1,2-Dichloroethene
Concen: 20.666 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampled :
VX0505WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.2	0.0	301.6
98	64.9	0.0	131.6

Manual Integrations
APPROVED

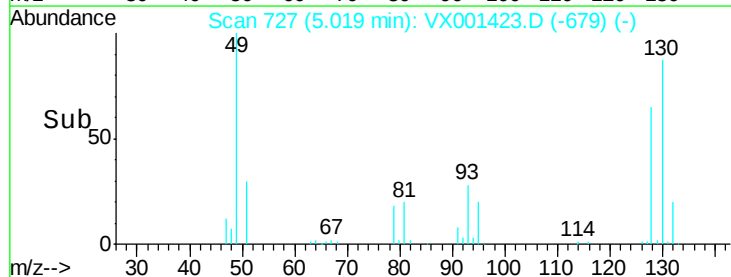
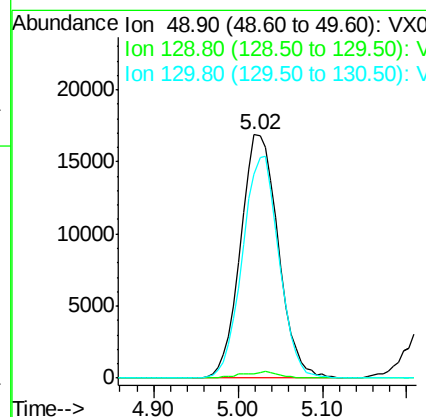
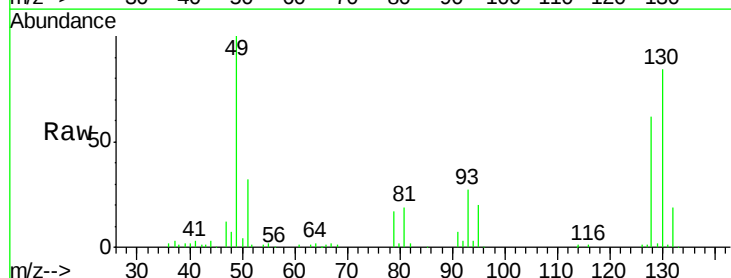
apatel
5/8/2018 7:53:55 AM

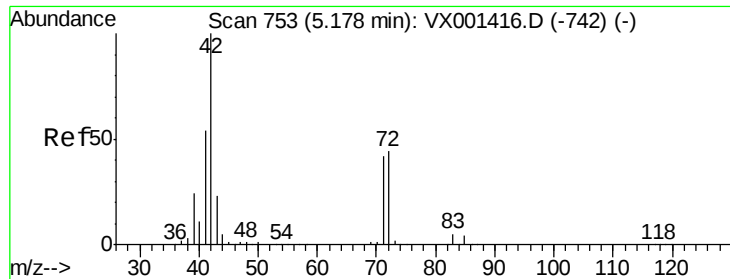


#28

Bromochloromethane
Concen: 20.685 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	88.1	71.9	107.9





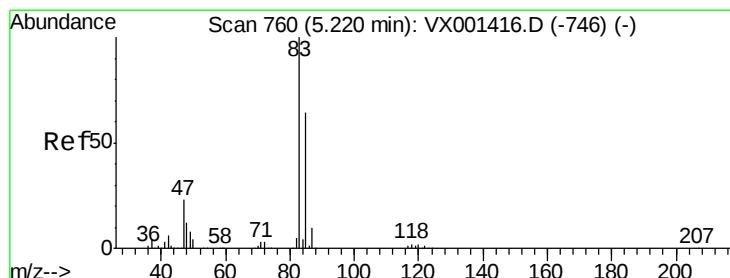
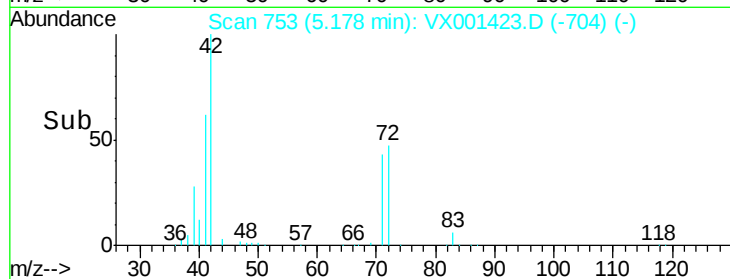
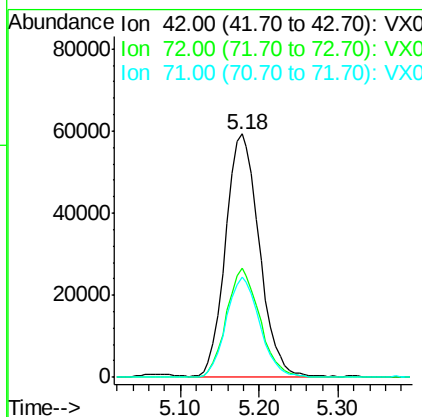
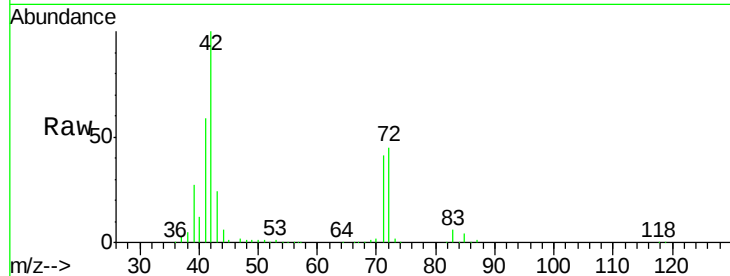
#29
Tetrahydrofuran
Concen: 109.416 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.4	53.2
71	41.2	33.0	49.4

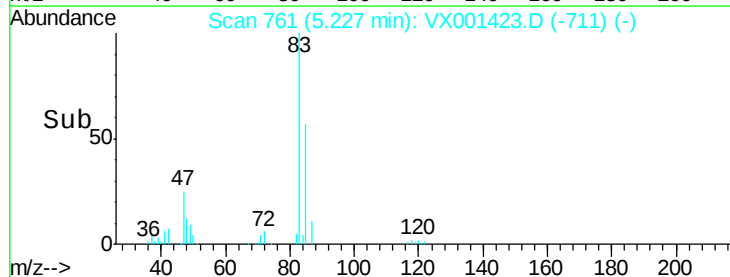
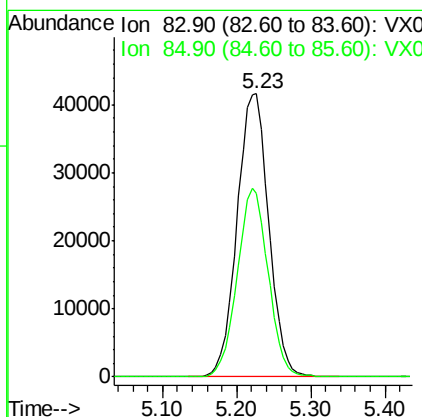
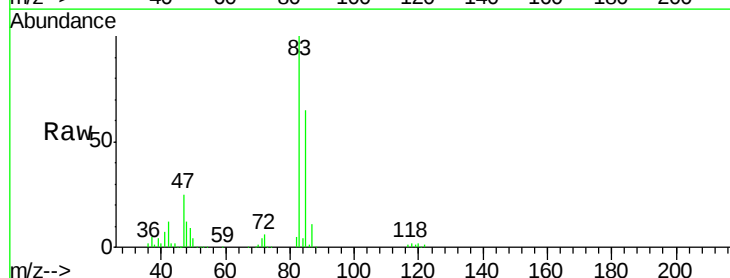
Manual Integrations
APPROVED

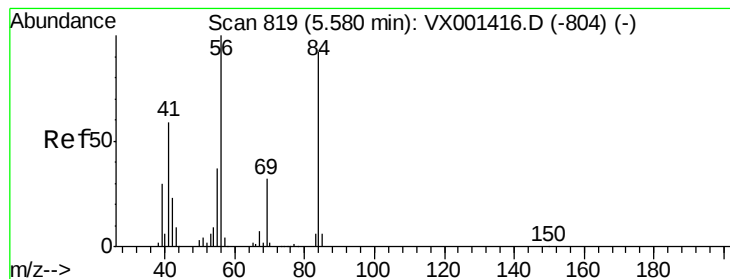
apatel
5/8/2018 7:53:55 AM



#30
Chloroform
Concen: 21.111 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.0	76.4





#31

Cyclohexane

Concen: 20.970 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion: 56 Resp: 103012

Ion Ratio Lower Upper

56 100

69 30.2 25.4 38.0

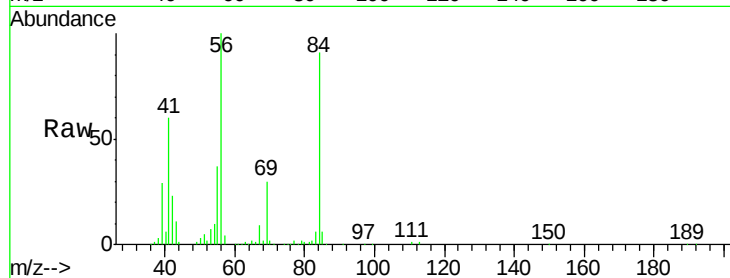
84 89.5 73.8 110.8

Manual Integrations

APPROVED

apatel

5/8/2018 7:53:55 AM

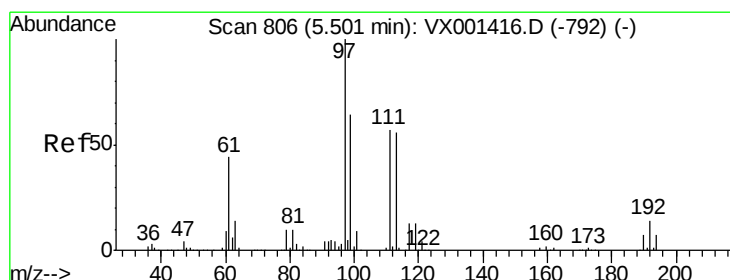
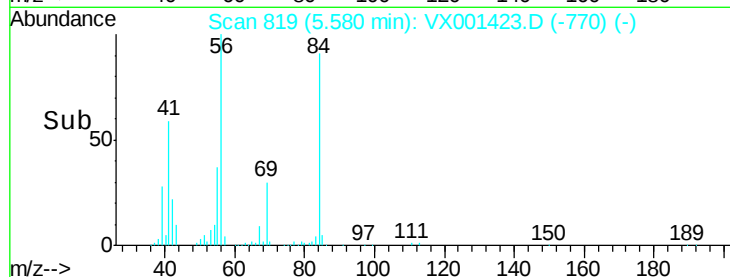
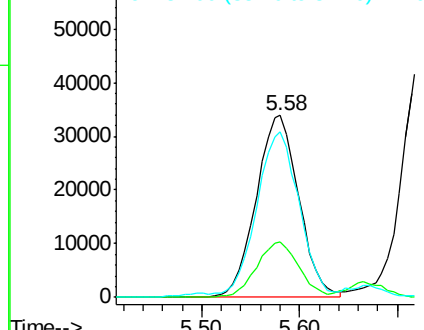


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.166 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

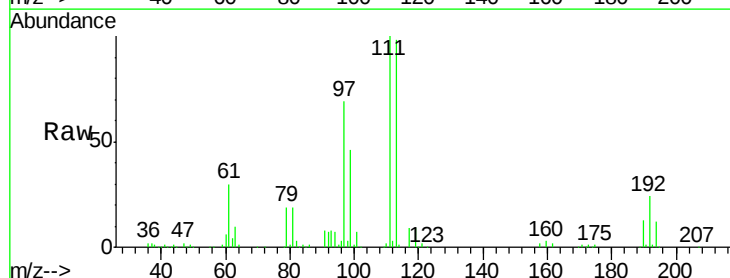
Tgt Ion: 97 Resp: 108984

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 45.0 34.8 52.2

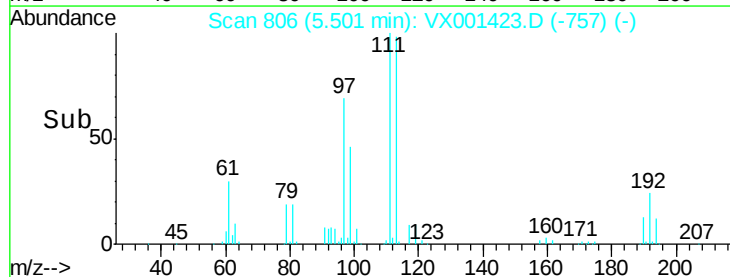
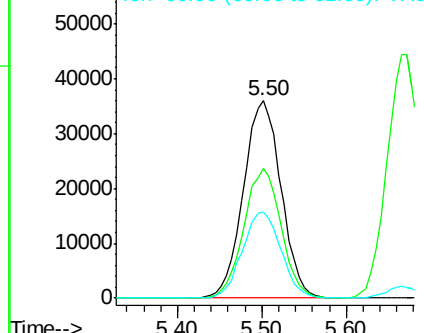


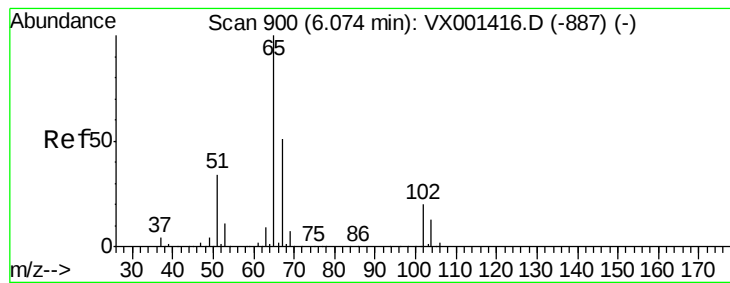
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.104 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion: 65 Resp: 198915

Ion Ratio Lower Upper

65 100

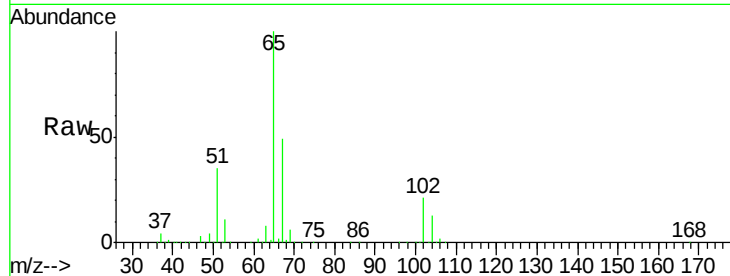
67 50.7 0.0 101.8

Manual Integrations

APPROVED

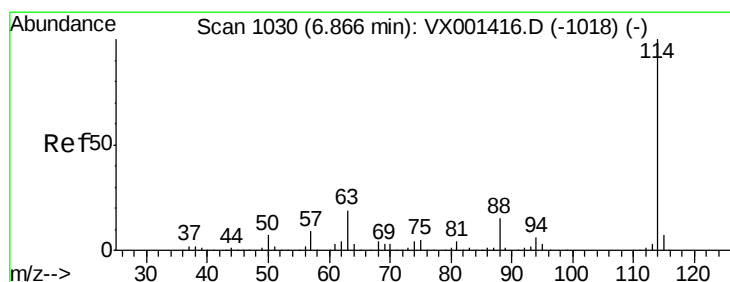
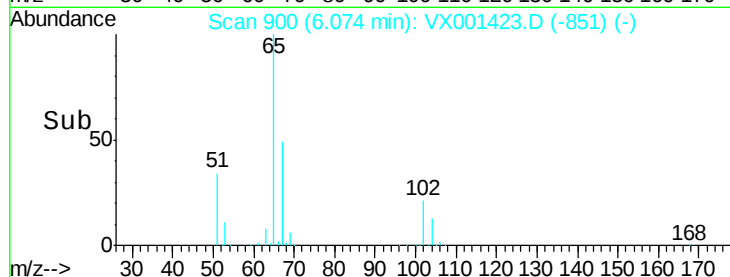
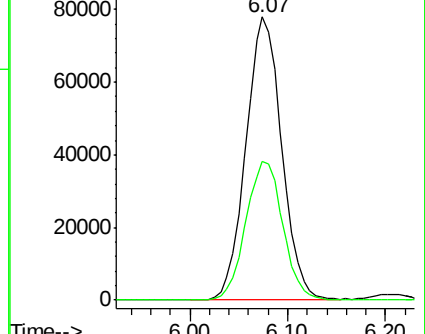
apatel

5/8/2018 7:53:55 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

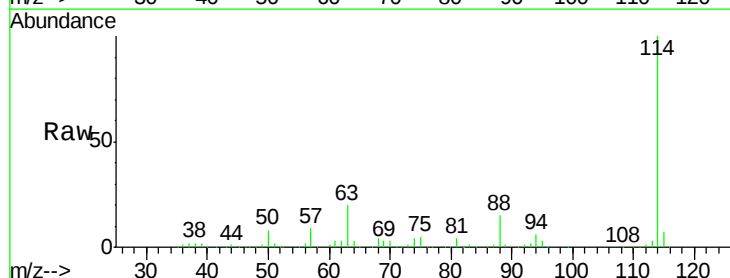
Tgt Ion: 114 Resp: 349607

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.6

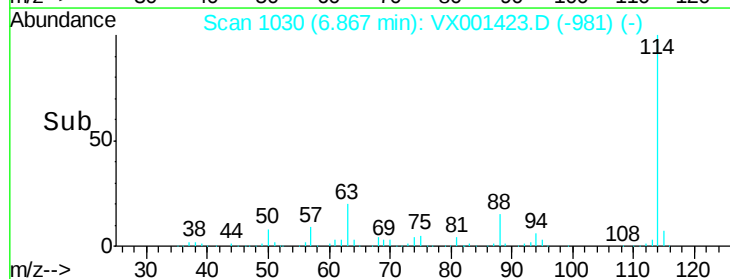
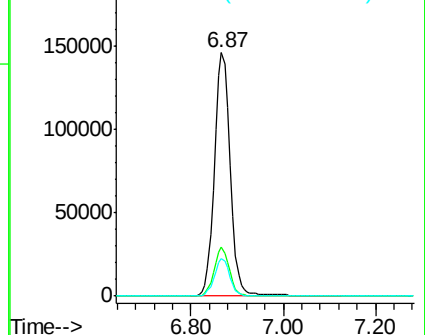
88 15.3 0.0 30.8

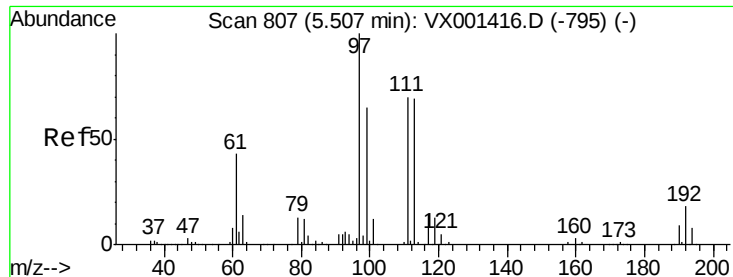


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.360 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

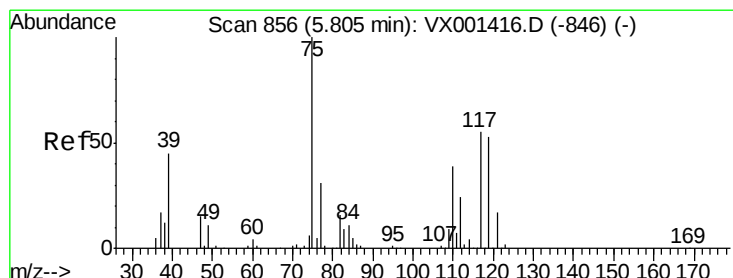
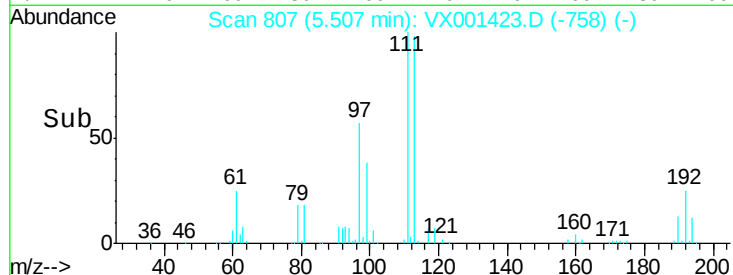
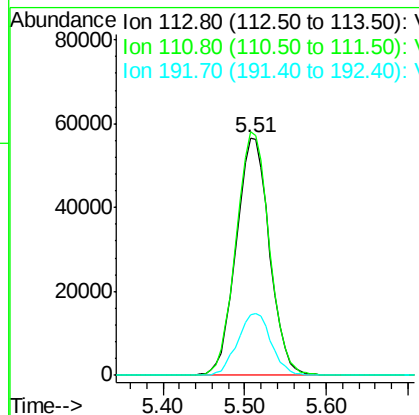
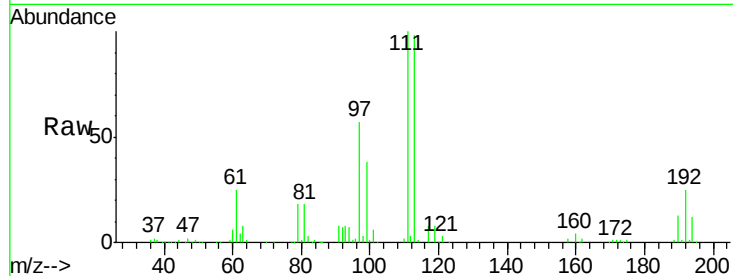
ClientSampleId :

VX0505WBS01

Tot Ion:	113	Resp:	159716
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.2	123.2
192	26.3	21.4	32.0

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM



#36

1,1-Dichloropropene

Concen: 20.611 ug/l

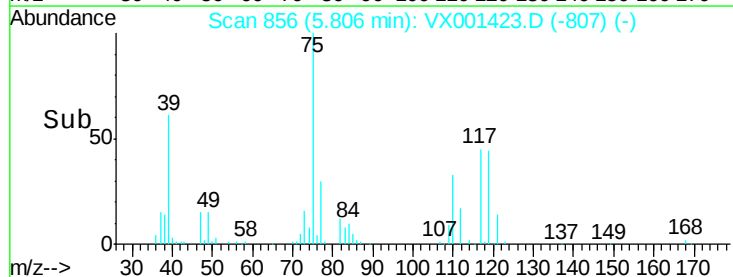
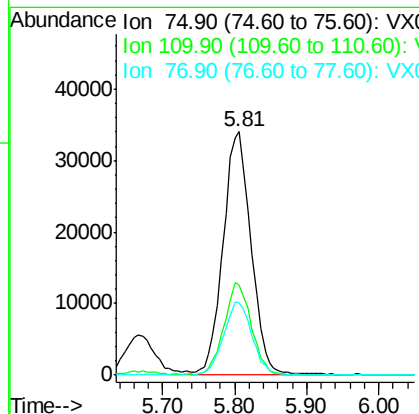
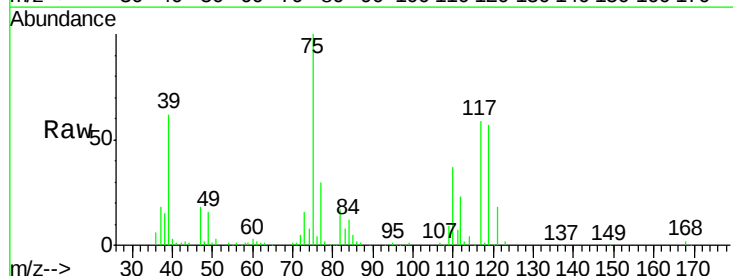
RT: 5.81 min Scan# 856

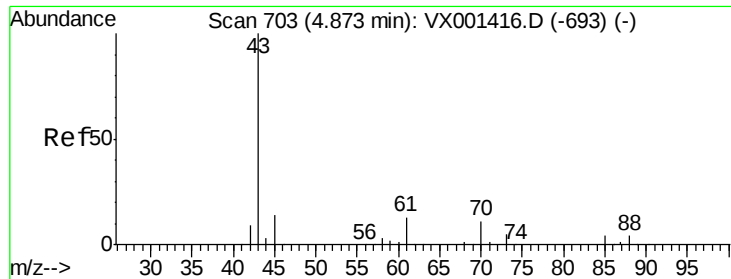
Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion:	75	Resp:	91660
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.9	56.7
77	30.4	24.9	37.3





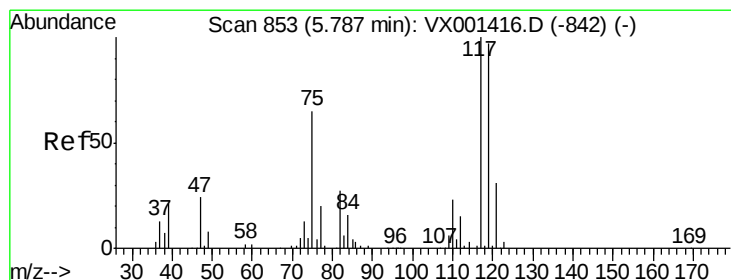
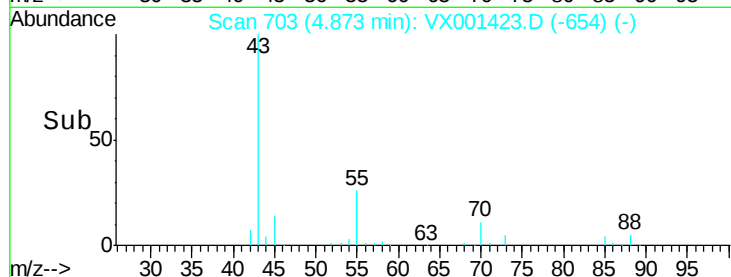
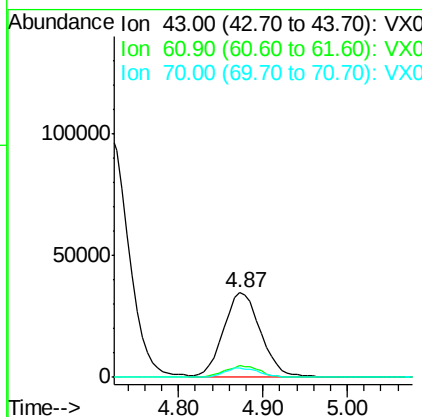
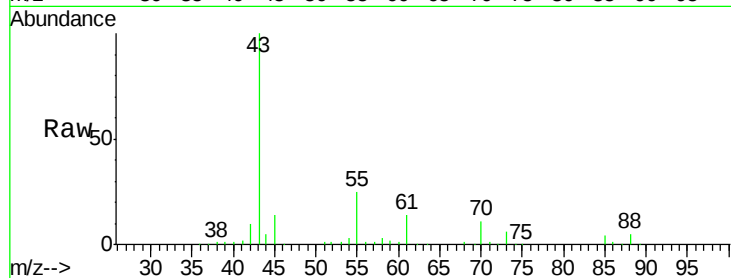
#37
Ethyl Acetate
Concen: 21.296 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.7	16.1
70	10.7	8.4	12.6

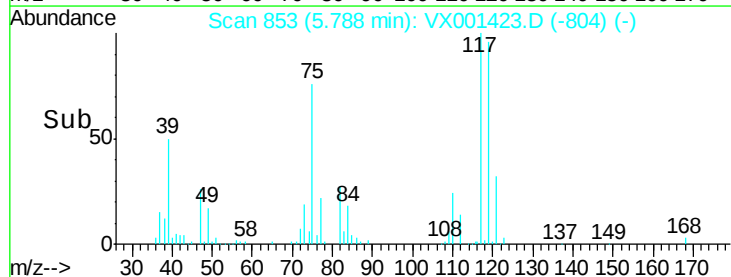
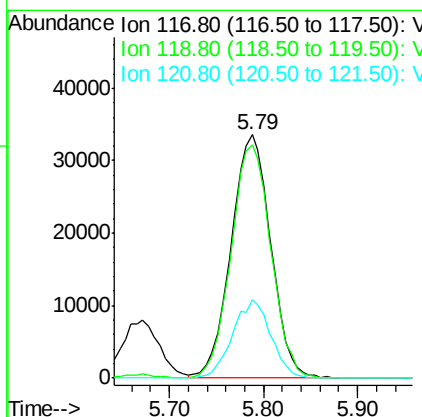
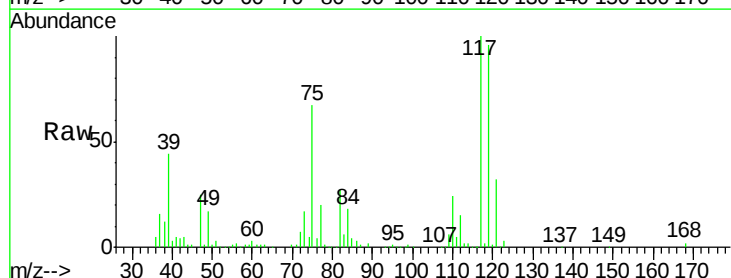
Manual Integrations
APPROVED

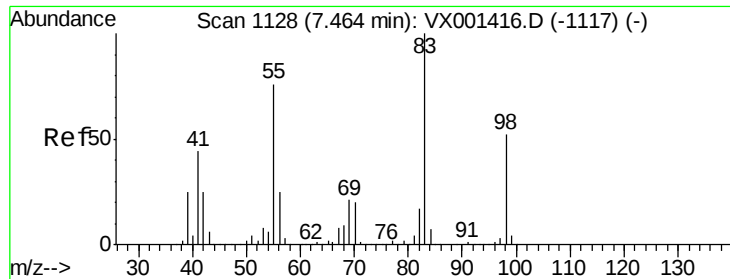
apatel
5/8/2018 7:53:55 AM



#38
Carbon Tetrachloride
Concen: 20.594 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.0	115.6
121	32.5	25.1	37.7





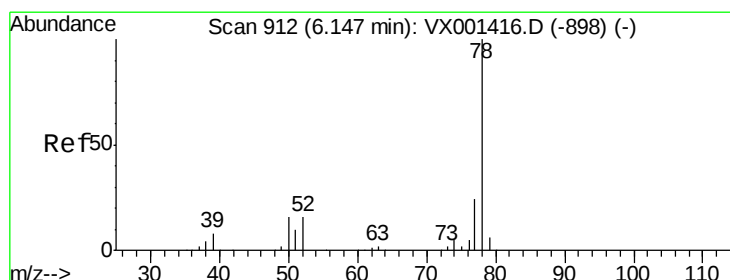
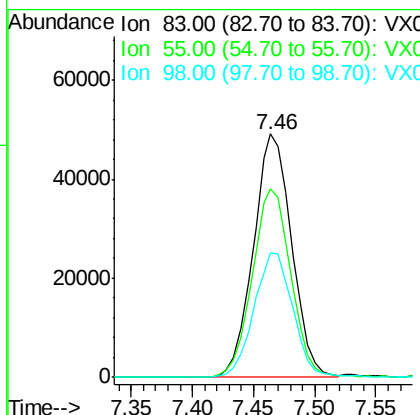
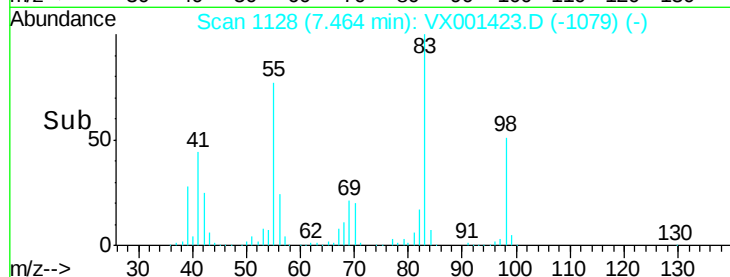
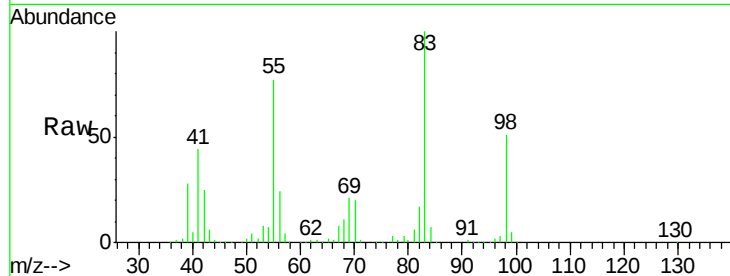
#39
Methvlcvclohexane
Concen: 20.360 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	107048		
55	77.5	60.9	91.3	
98	51.2	41.9	62.9	

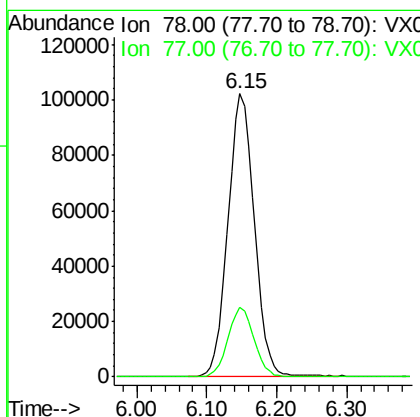
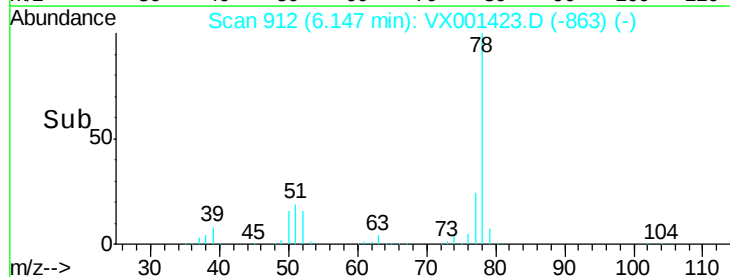
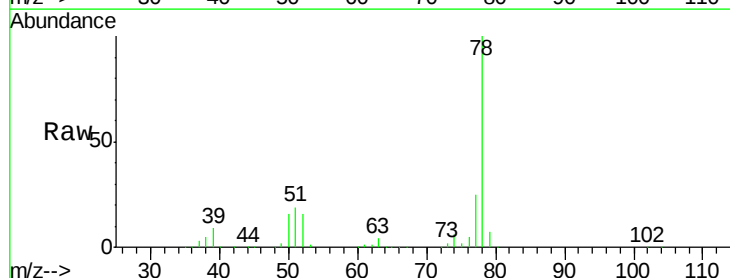
Manual Integrations
APPROVED

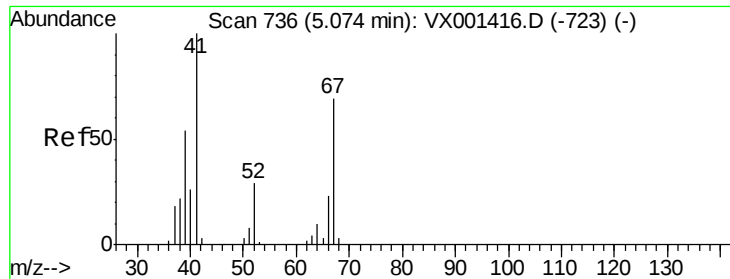
apatel
5/8/2018 7:53:55 AM



#40
Benzene
Concen: 20.692 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	268773		
77	24.5	19.4	29.2	





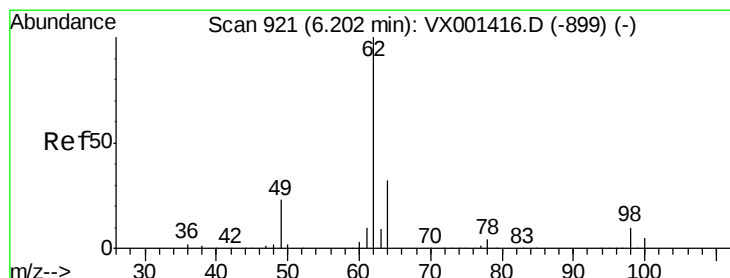
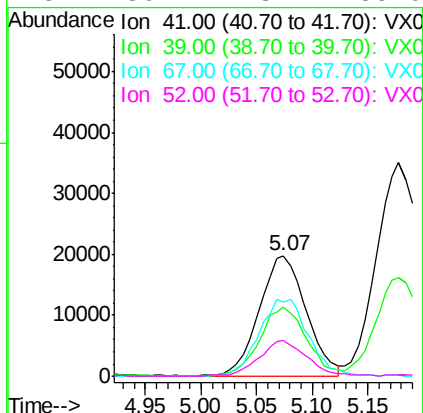
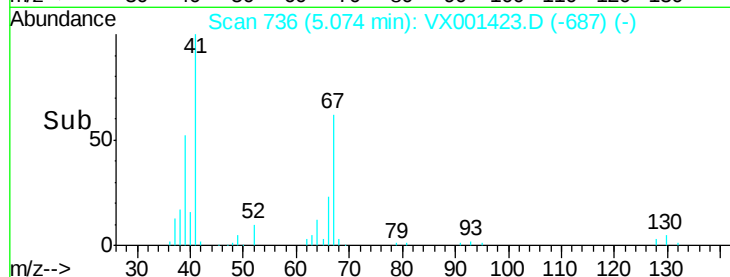
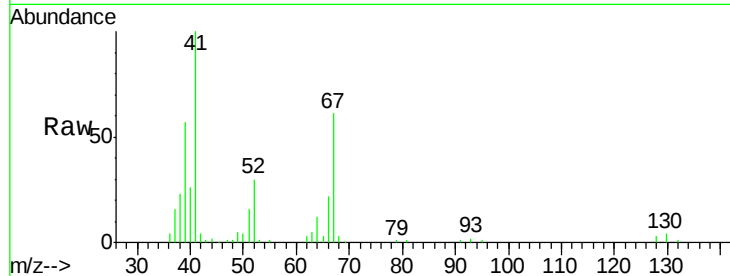
#41
Methacrylonitrile
Concen: 20.830 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampled :
VX0505WBS01

Tot Ion:	41	Resp:	58099
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.0	67.6
67	67.4	55.0	82.6
52	30.4	23.4	35.0

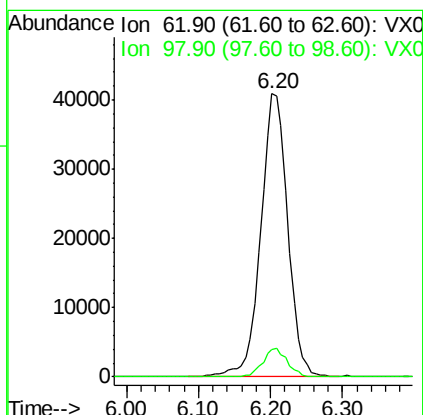
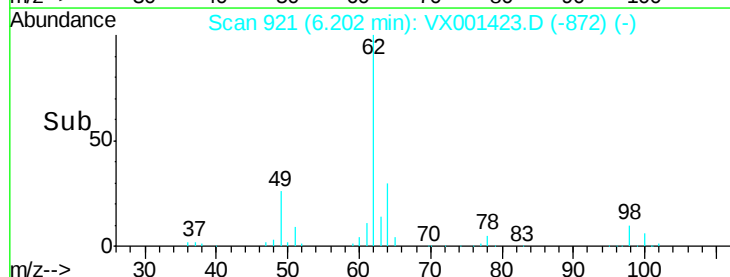
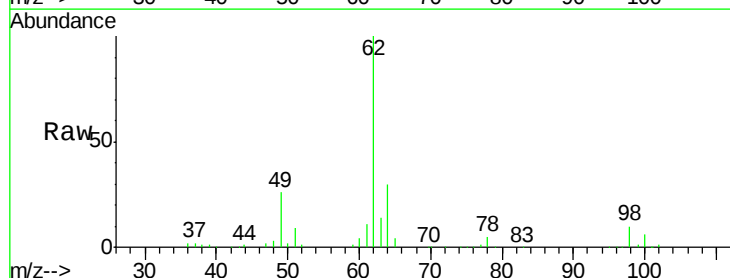
Manual Integrations
APPROVED

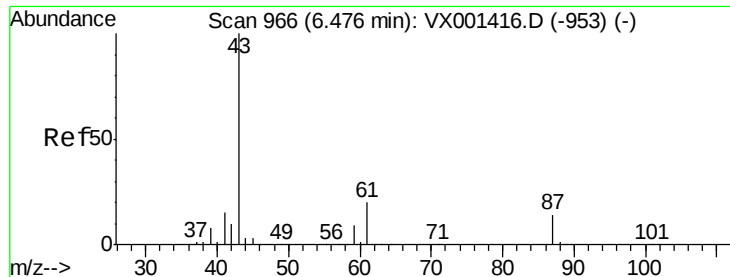
apatel
5/8/2018 7:53:55 AM



#42
1,2-Dichloroethane
Concen: 21.170 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion:	62	Resp:	105691
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0





#43

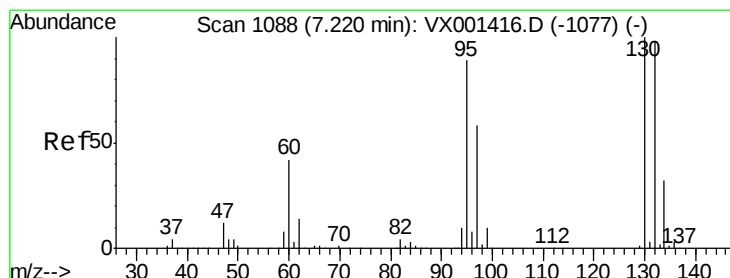
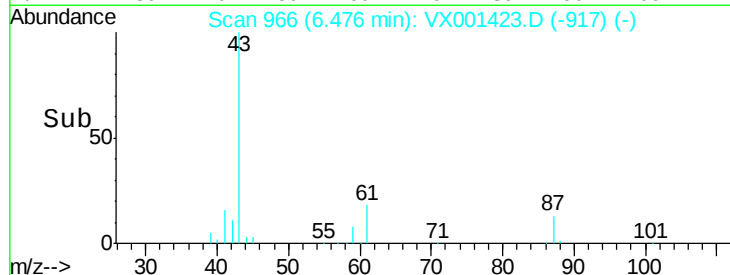
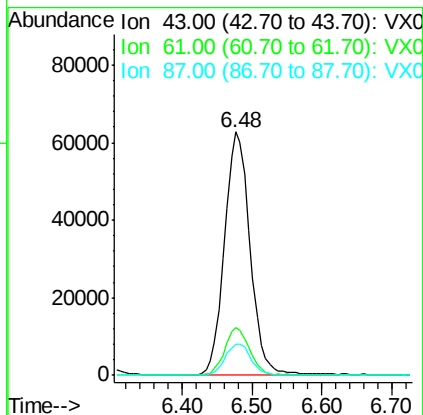
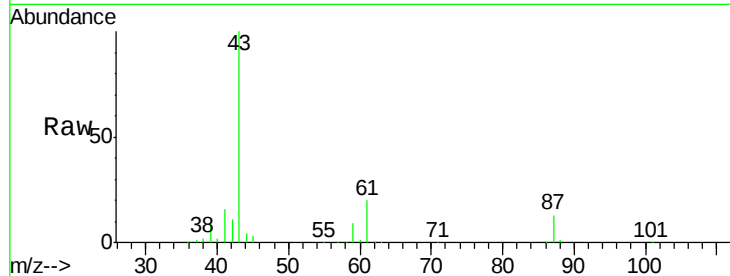
Isopropyl Acetate
 Concen: 21.247 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	13.6	10.8	16.2

Manual Integrations
 APPROVED

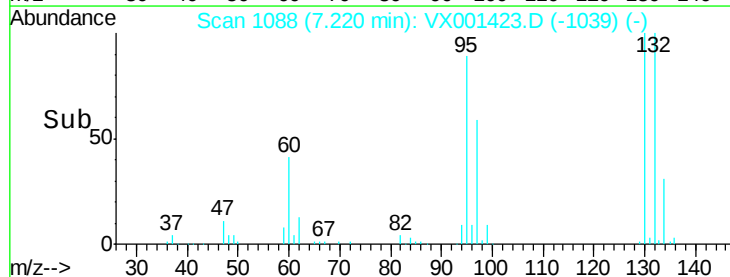
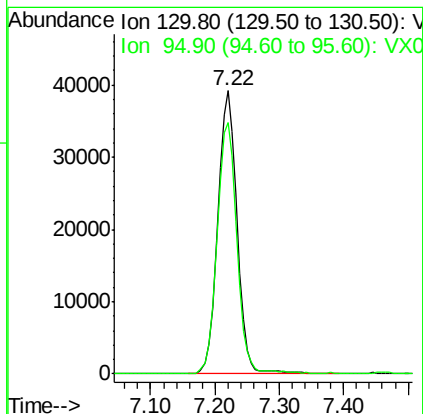
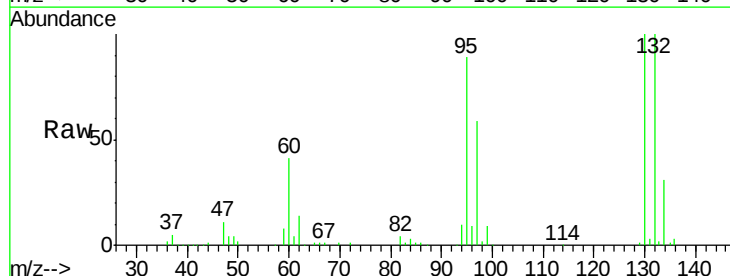
apatel
 5/8/2018 7:53:55 AM

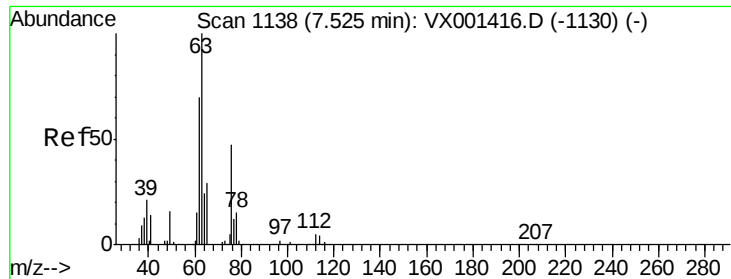


#44

Trichloroethene
 Concen: 21.009 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	178.4





#45

1,2-Dichloropropane

Concen: 20.907 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion: 63 Resp: 67702

Ion Ratio Lower Upper

63 100

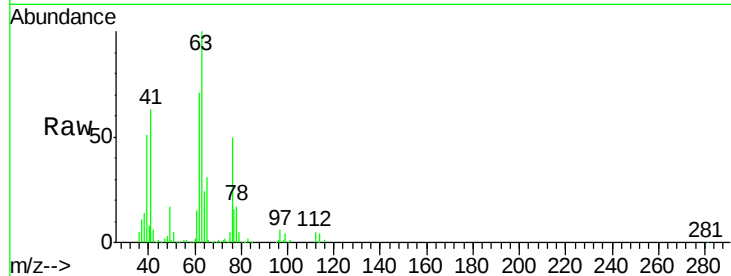
65 30.7 24.5 36.7

Manual Integrations

APPROVED

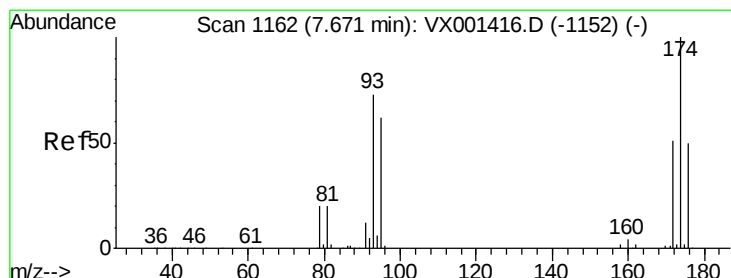
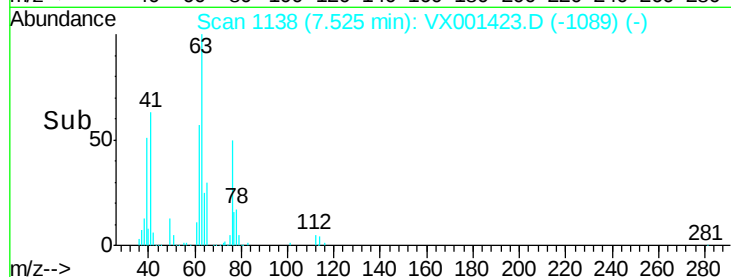
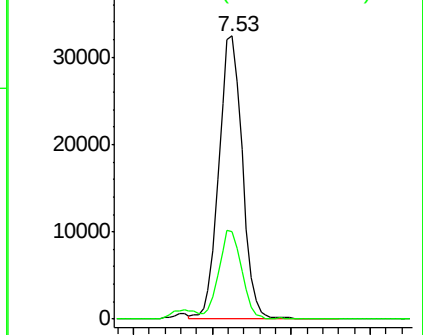
apatel

5/8/2018 7:53:55 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.952 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

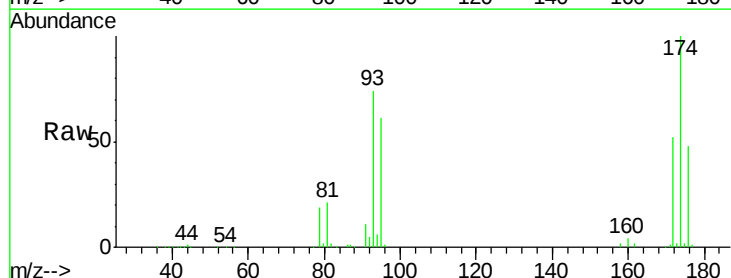
Tgt Ion: 93 Resp: 48032

Ion Ratio Lower Upper

93 100

95 81.4 67.0 100.4

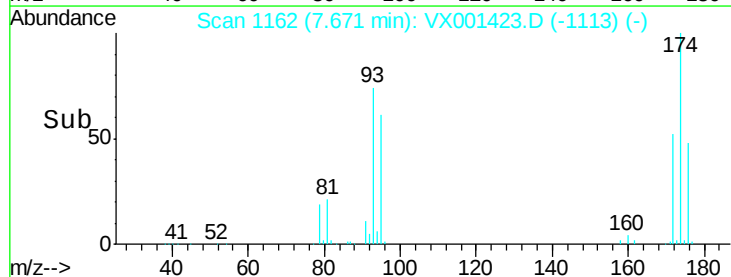
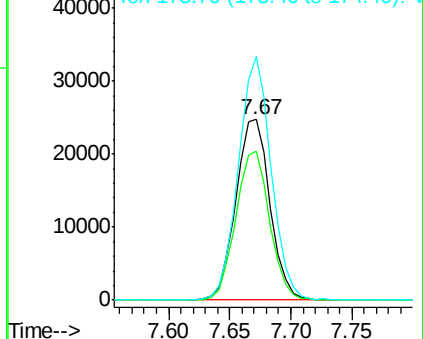
174 129.6 104.5 156.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.872 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

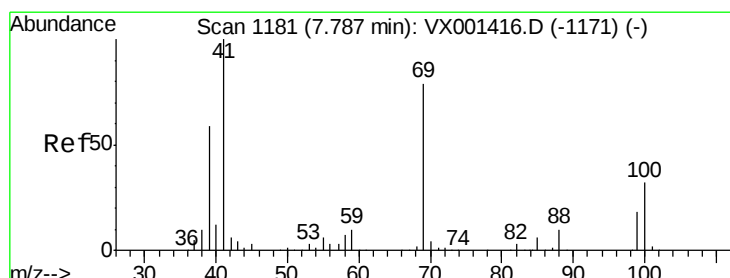
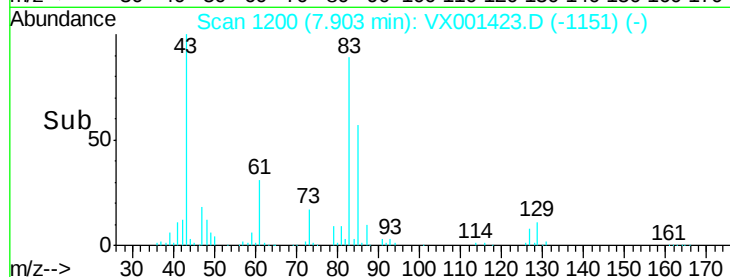
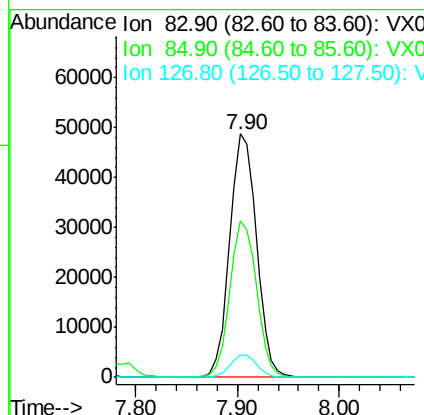
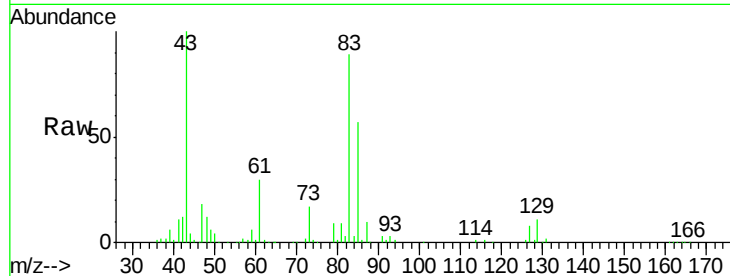
ClientSampleId :

VX0505WBS01

Tot Ion:	83	Resp:	88555
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.0	76.6
127	9.2	7.4	11.2

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM



#48

Methyl methacrylate

Concen: 21.093 ug/l

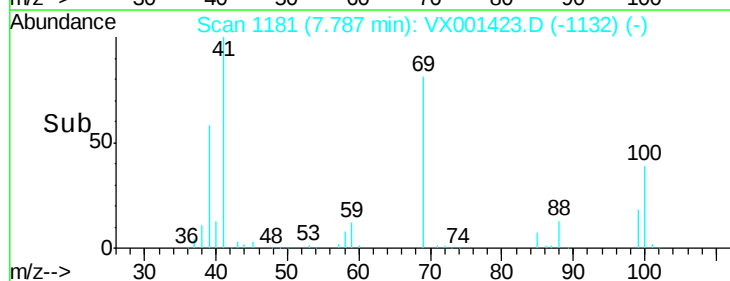
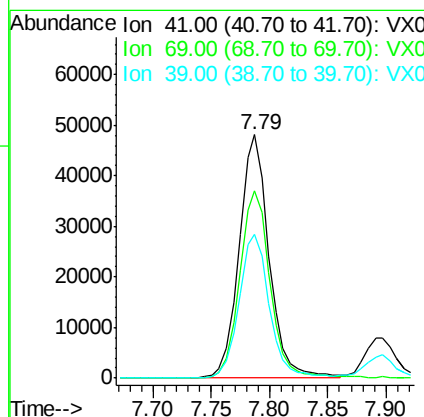
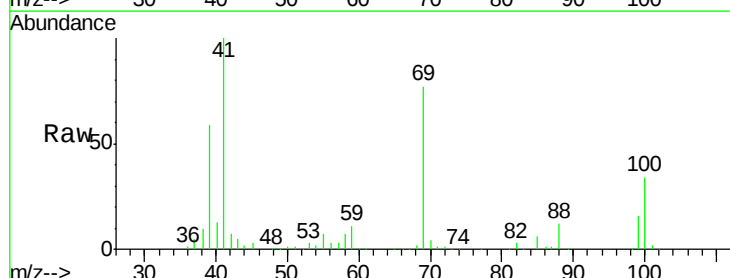
RT: 7.79 min Scan# 1181

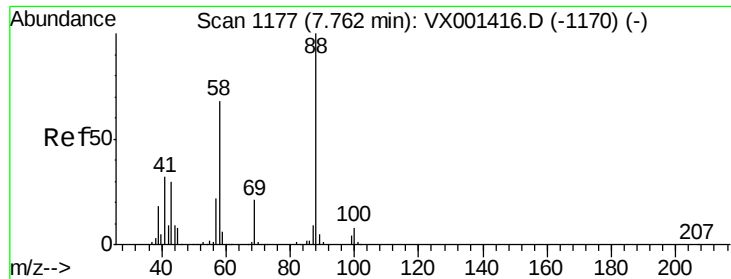
Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion:	41	Resp:	85950
Ion	Ratio	Lower	Upper
41	100		
69	78.9	63.4	95.2
39	59.5	47.0	70.4





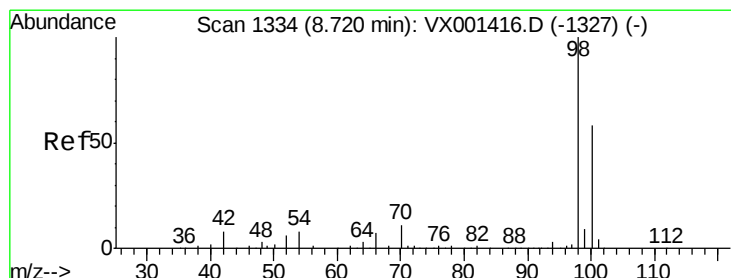
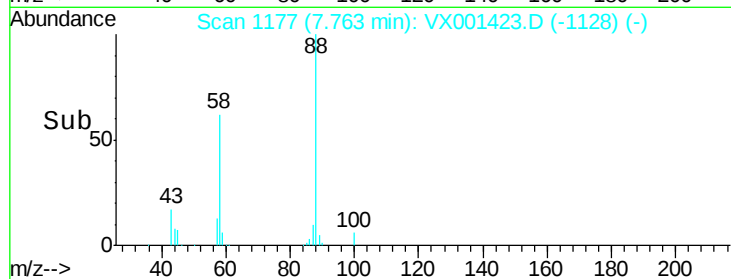
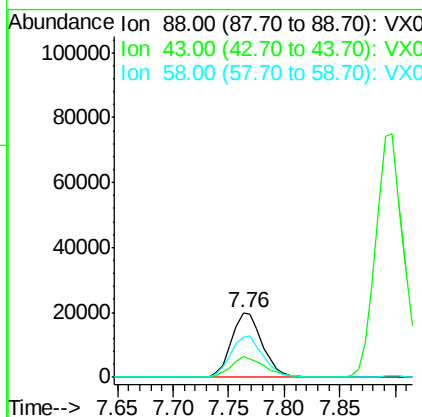
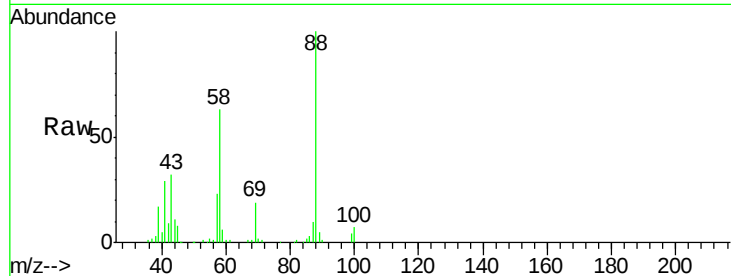
#49
1,4-Dioxane
Concen: 434.077 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	36.4	26.4	39.6	
58	67.9	54.1	81.1	

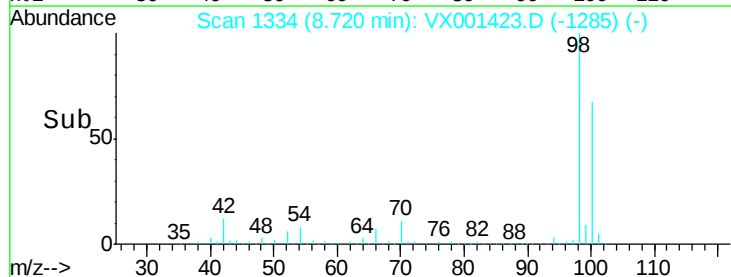
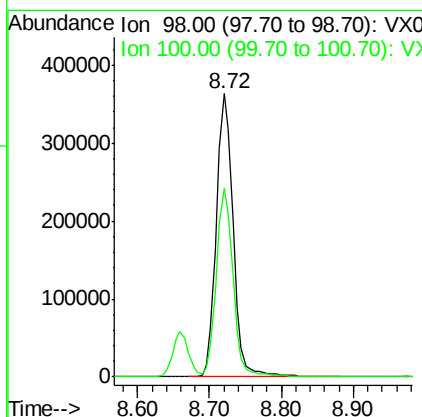
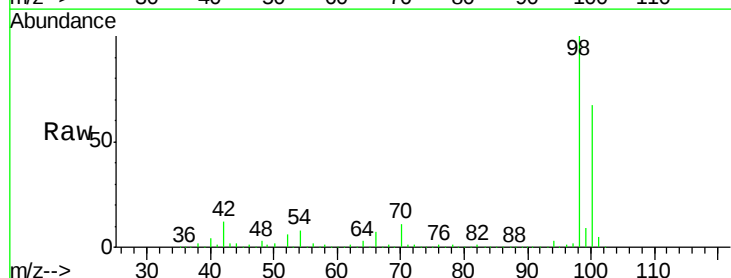
Manual Integrations
APPROVED

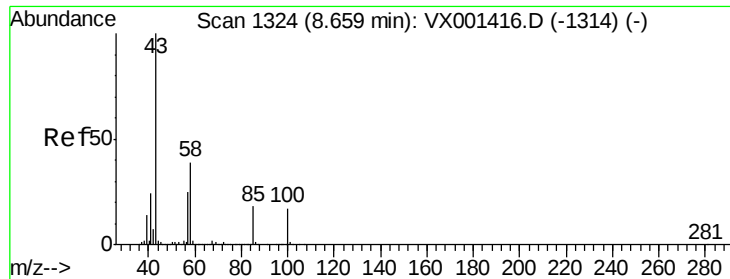
apatel
5/8/2018 7:53:55 AM



#50
Toluene-d8
Concen: 51.653 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.6	54.0	81.0	





#51

4-Methyl-2-Pentanone

Concen: 109.864 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion: 43 Resp: 546341

Ion Ratio Lower Upper

43 100

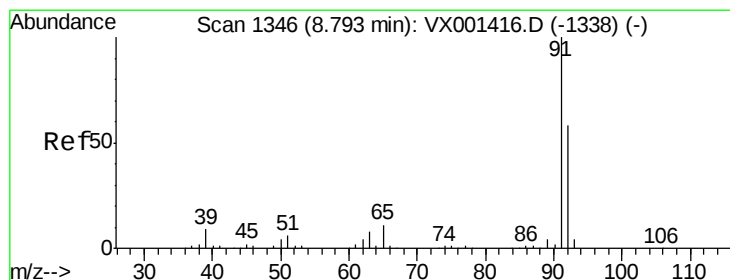
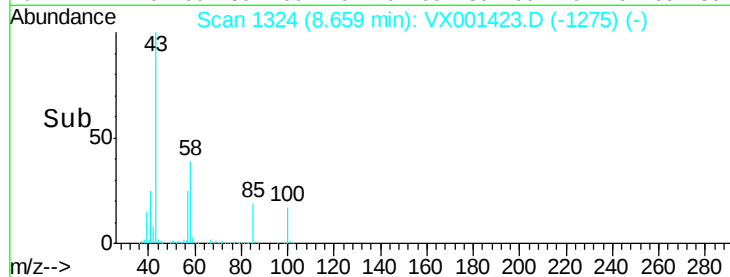
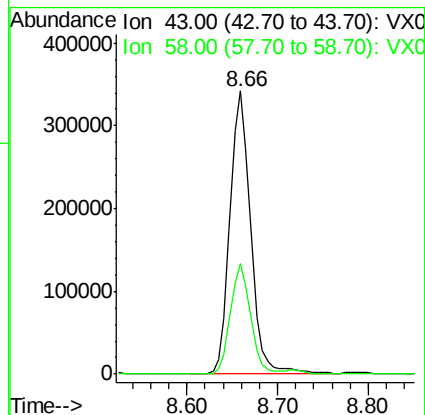
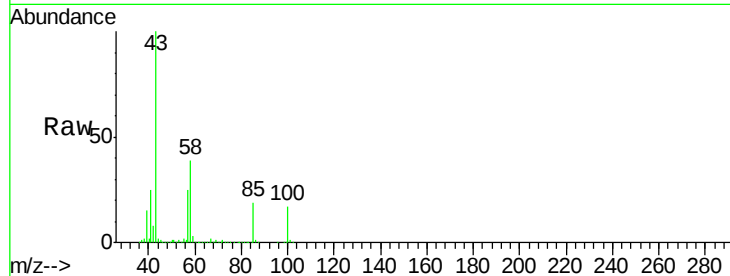
58 37.5 30.8 46.2

Manual Integrations

APPROVED

apatel

5/8/2018 7:53:55 AM



#52

Toluene

Concen: 20.908 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001423.D

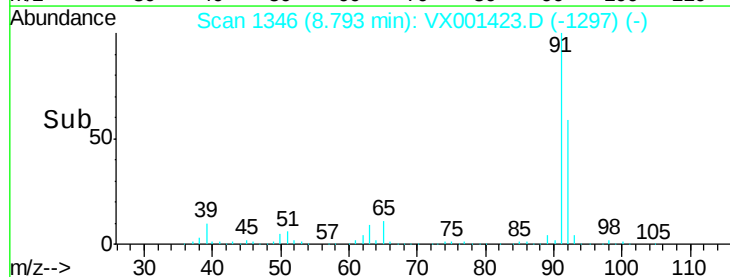
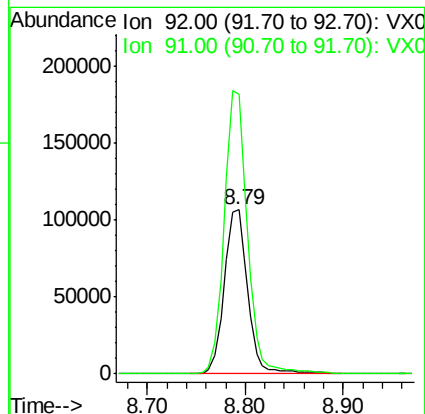
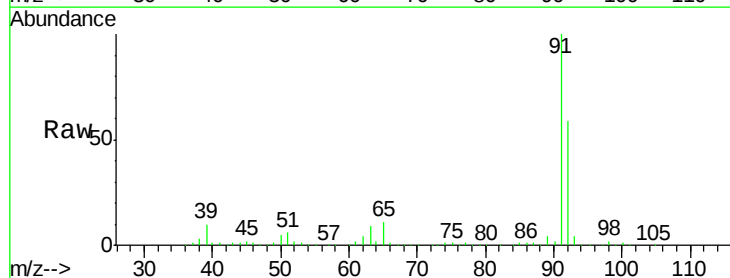
Acq: 05 May 2018 17:27

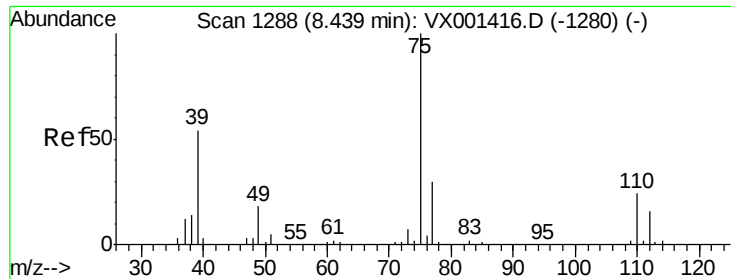
Tgt Ion: 92 Resp: 177583

Ion Ratio Lower Upper

92 100

91 171.3 135.2 202.8





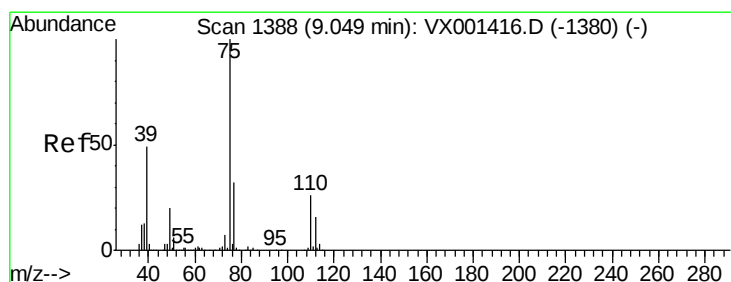
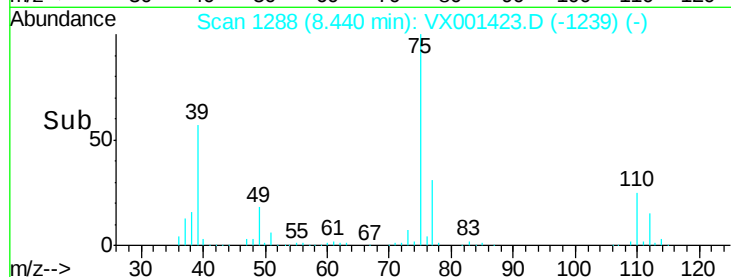
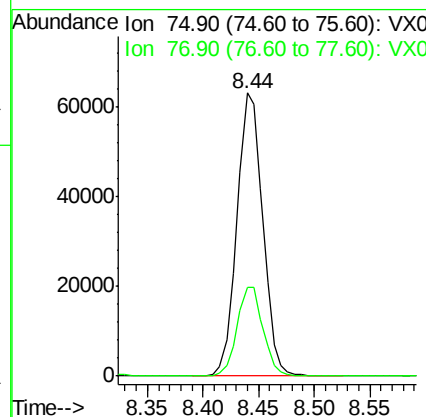
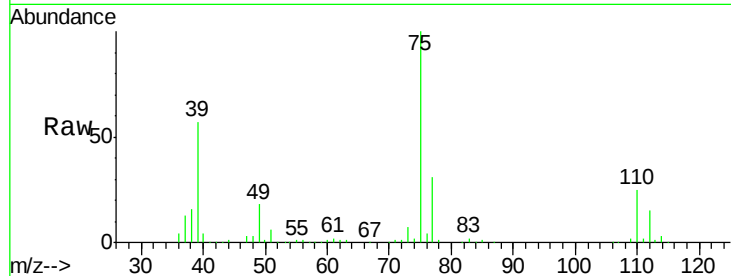
#53
t-1,3-Dichloropropene
Concen: 21.108 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion: 75 Resp: 101209
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.4

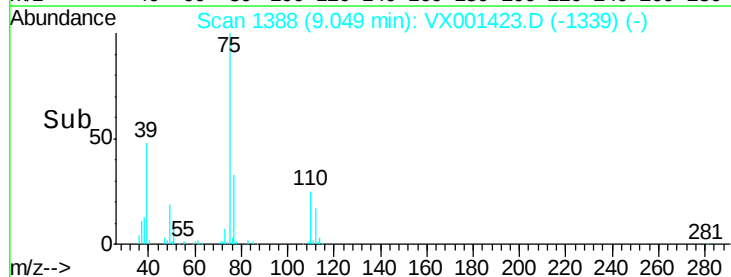
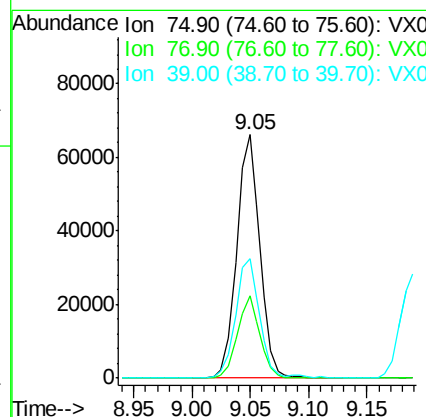
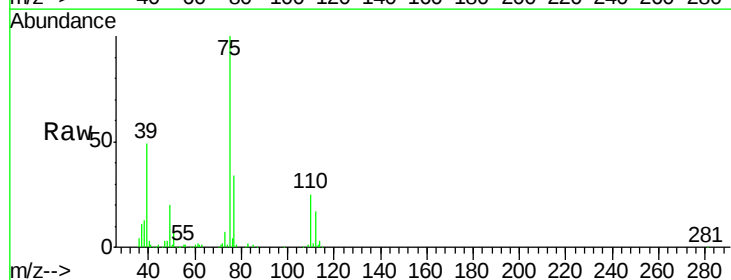
Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM



#54
cis-1,3-Dichloropropene
Concen: 19.842 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion: 75 Resp: 91278
Ion Ratio Lower Upper
75 100
77 33.6 25.5 38.3
39 48.6 38.9 58.3





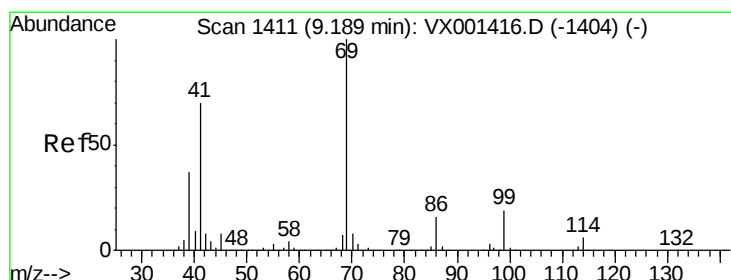
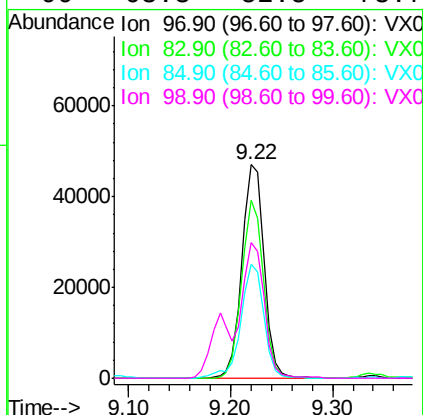
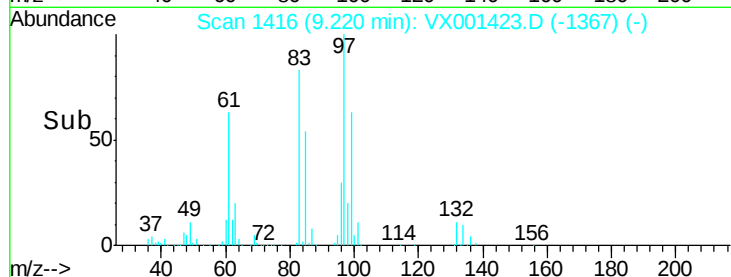
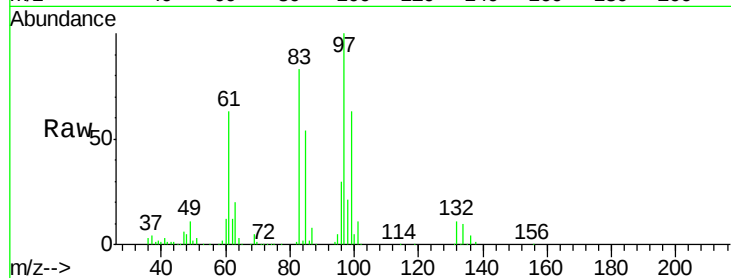
#55
 1,1,2-Trichloroethane
 Concen: 20.741 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Tot Ion:	97	Resp:	70971
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.4	101.0
85	53.6	43.3	64.9
99	63.3	52.5	78.7

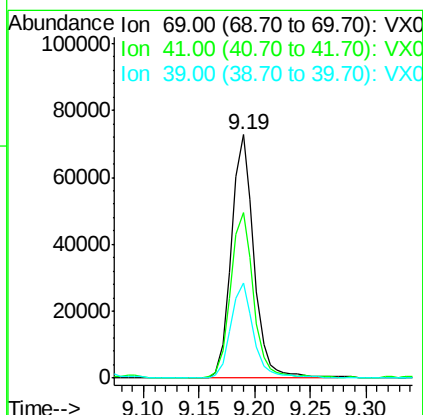
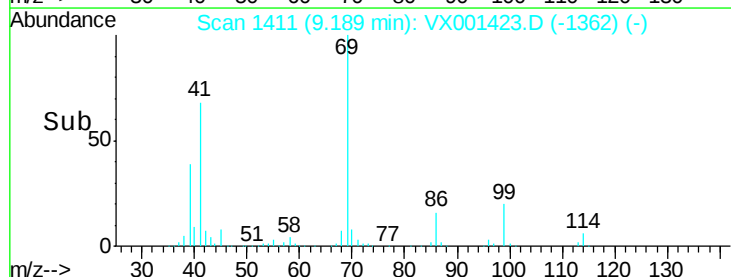
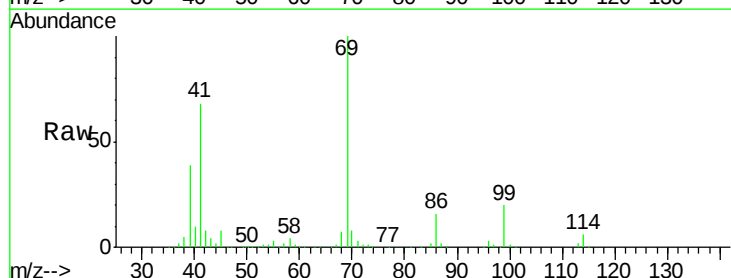
Manual Integrations
 APPROVED

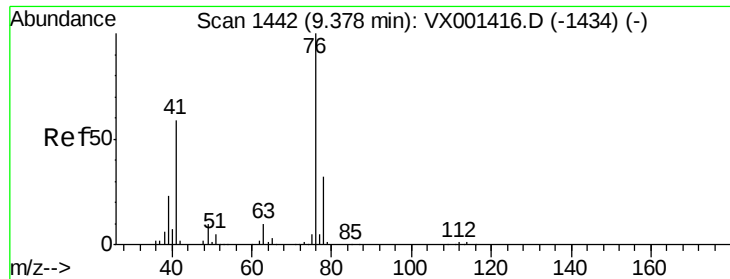
apatel
 5/8/2018 7:53:55 AM



#56
 Ethyl methacrylate
 Concen: 20.698 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion:	69	Resp:	102092
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.1	82.7
39	39.0	29.9	44.9





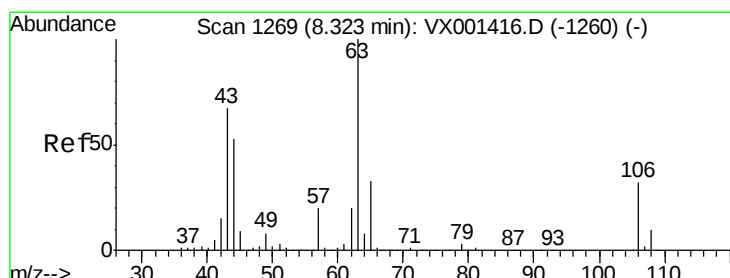
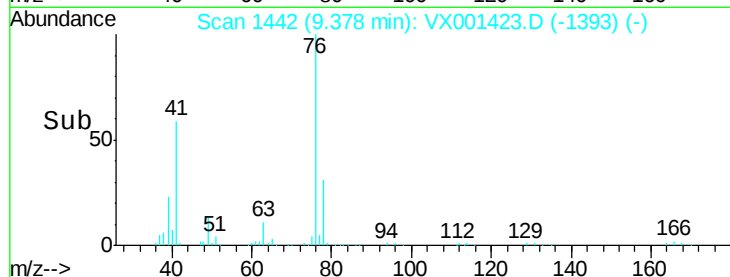
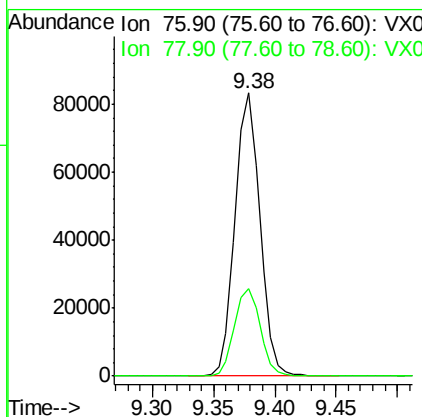
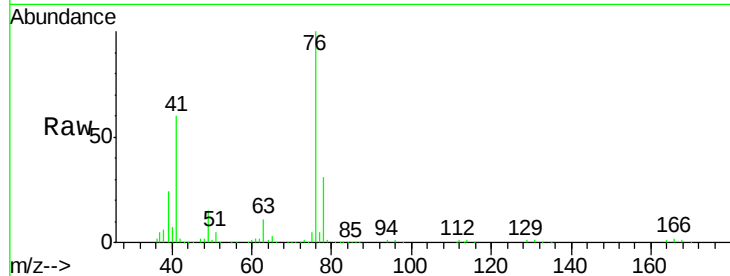
#57
 1,3-Dichloropropane
 Concen: 20.773 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

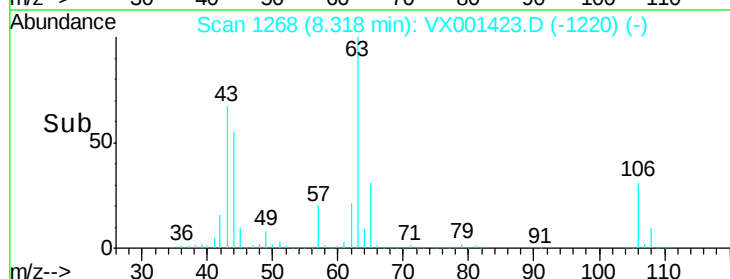
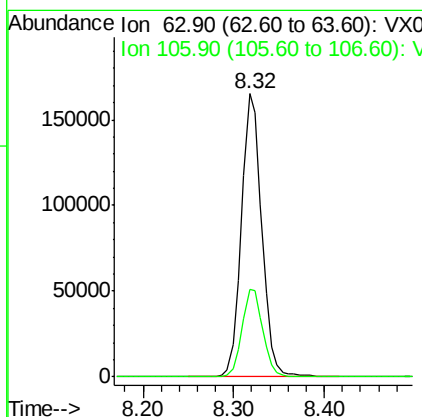
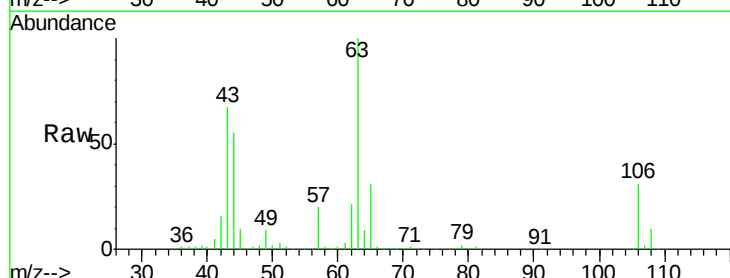
Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:55 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.989 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.9	25.4	38.0





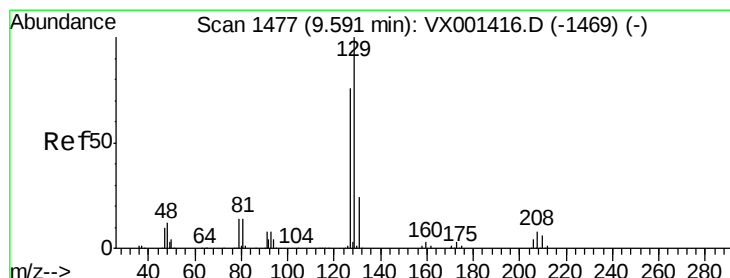
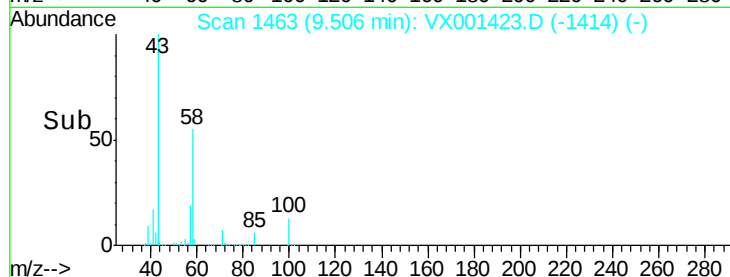
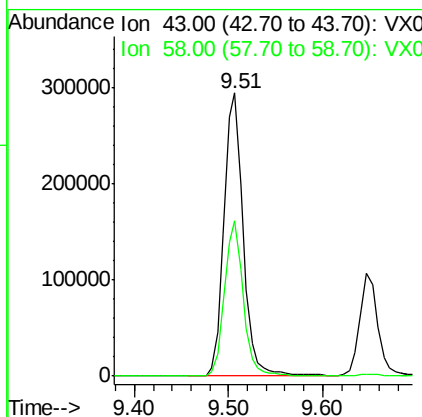
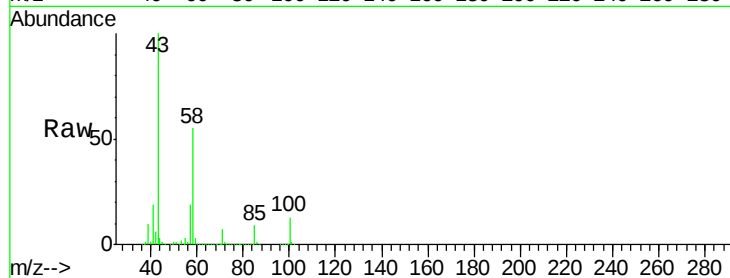
#59
2-Hexanone
Concen: 109.556 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.5	27.1	81.2

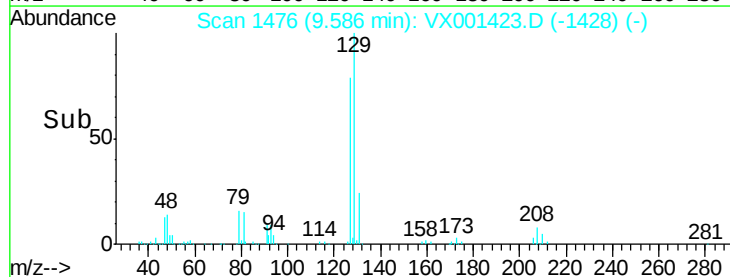
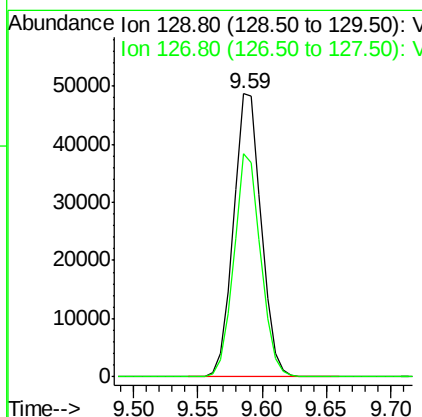
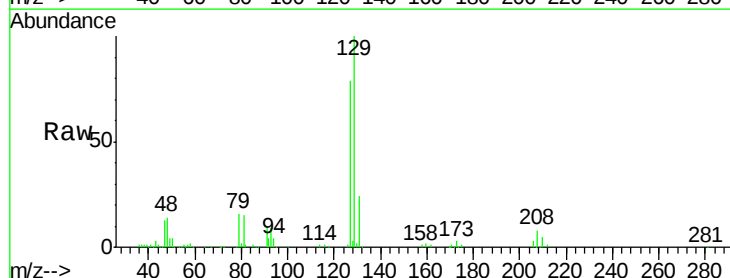
Manual Integrations
APPROVED

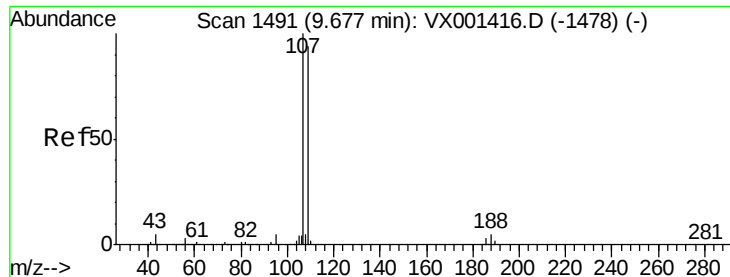
apatel
5/8/2018 7:53:55 AM



#60
Dibromochloromethane
Concen: 20.823 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.1	114.5





#61

1,2-Dibromoethane

Concen: 20.979 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion:107 Resp: 75373

Ion Ratio Lower Upper

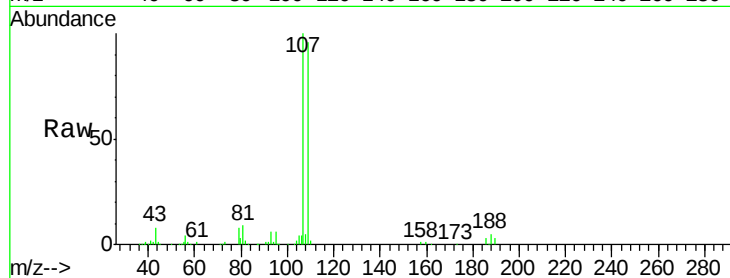
107 100

109 95.0 75.5 113.3

Manual Integrations
APPROVED

apatel

5/8/2018 7:53:55 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

60000

50000

40000

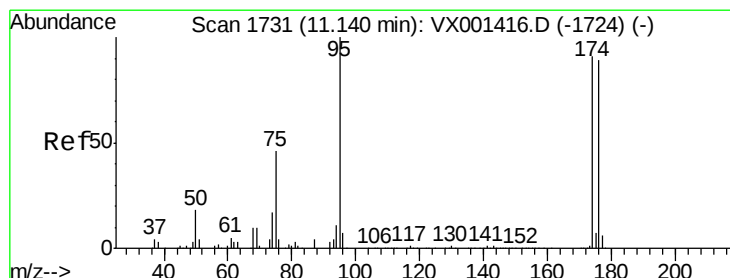
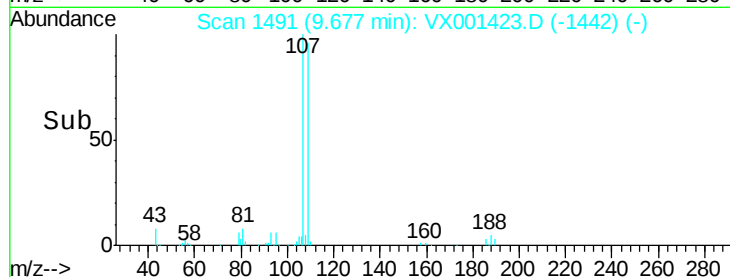
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.394 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

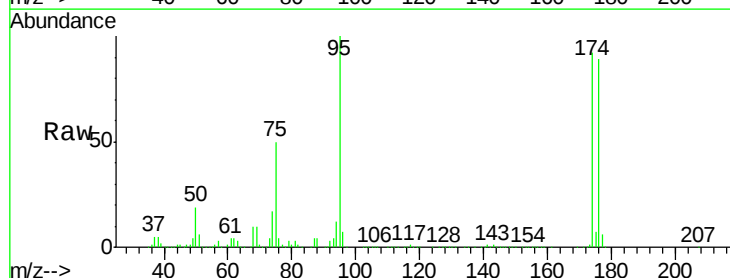
Tgt Ion: 95 Resp: 219588

Ion Ratio Lower Upper

95 100

174 101.2 0.0 202.0

176 98.6 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

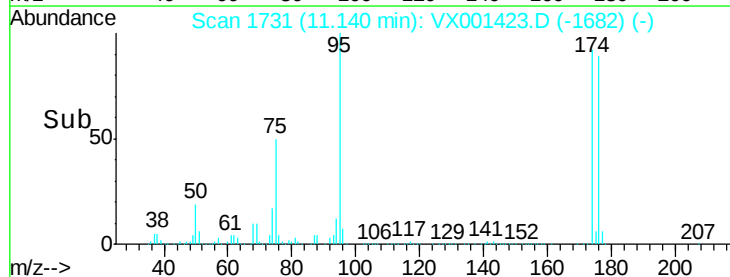
150000

100000

50000

0

Time-->





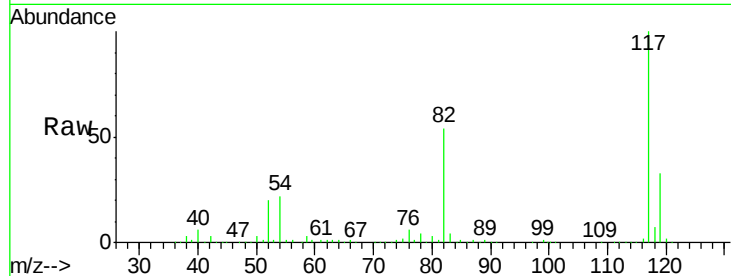
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	40.0	60.0
119	32.5	25.8	38.8

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM

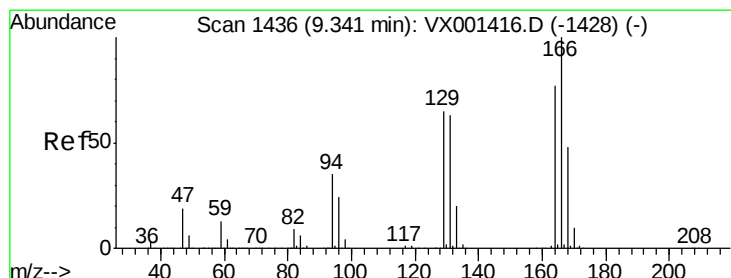
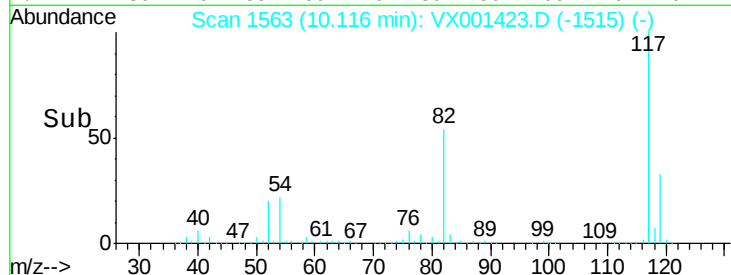
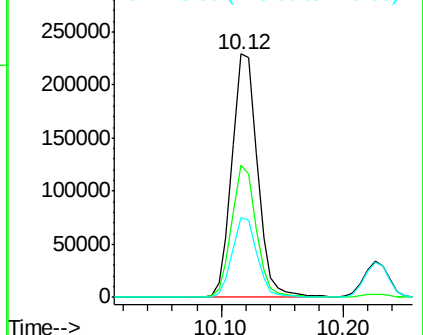


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.383 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	103.5	155.3
129	81.8	66.7	100.1
131	79.9	64.9	97.3

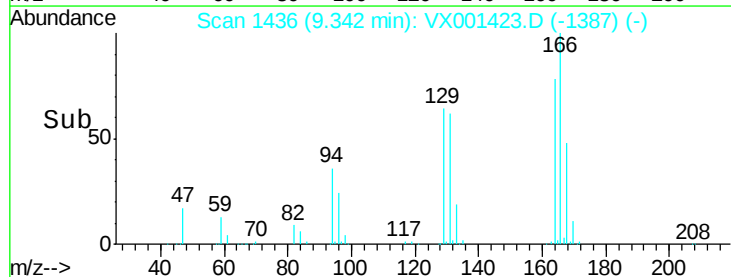
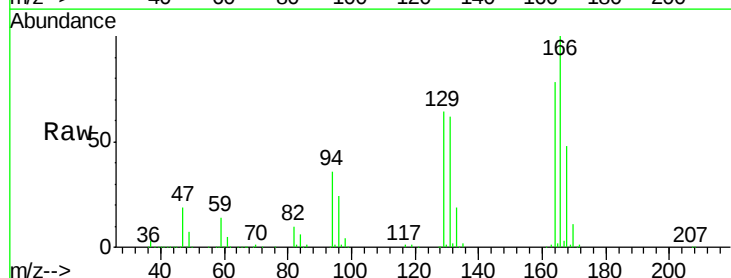
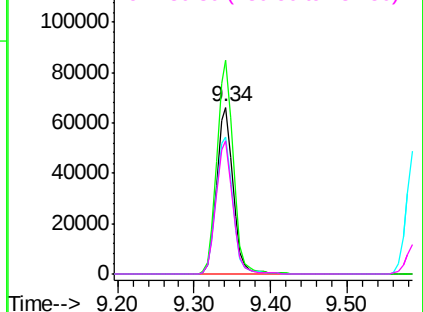
Abundance

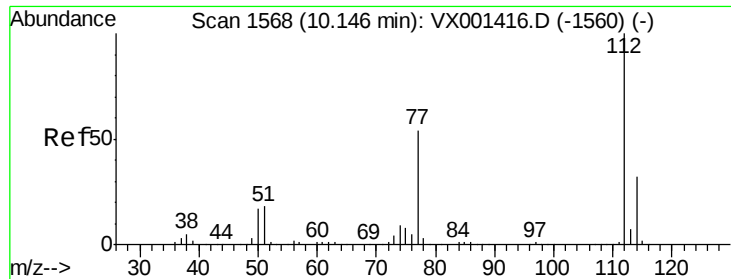
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.816 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

VX0505WBS01

Tot Ion:112 Resp: 202345

Ion Ratio Lower Upper

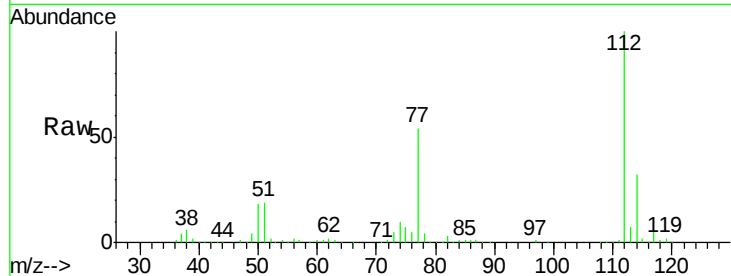
112 100

114 31.8 26.0 39.0

Manual Integrations
APPROVED

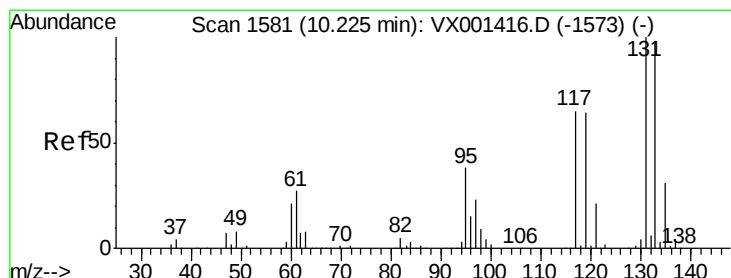
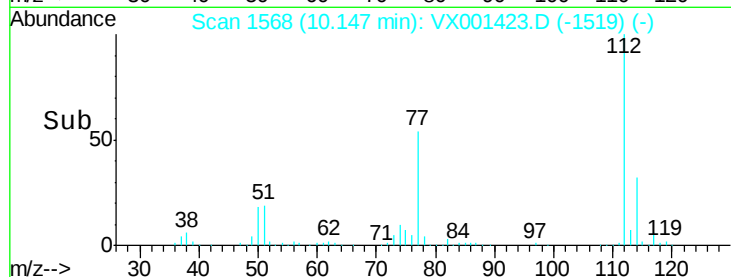
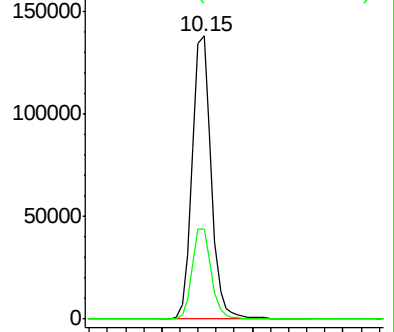
apatel

5/8/2018 7:53:55 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.245 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

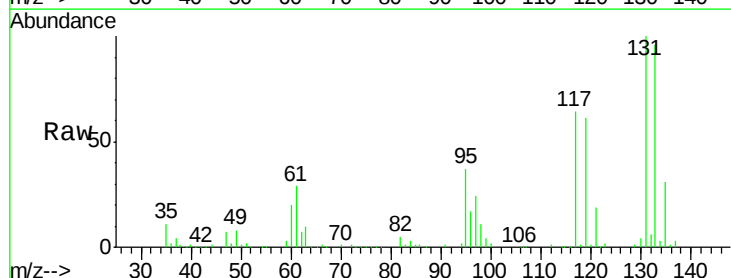
Tgt Ion:131 Resp: 73869

Ion Ratio Lower Upper

131 100

133 96.2 47.9 143.8

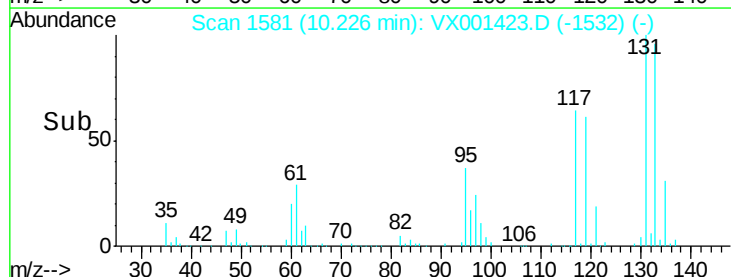
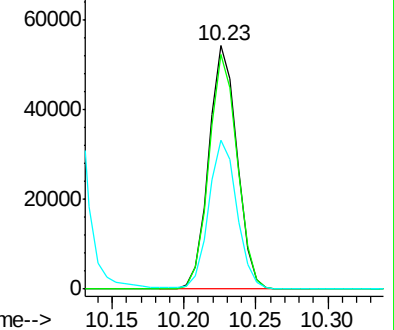
119 61.2 31.1 93.3

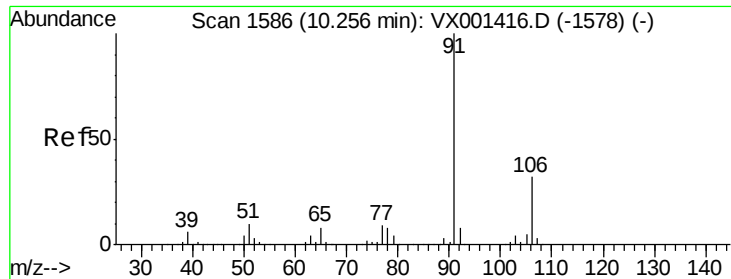


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.795 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion: 91 Resp: 331313

Ion Ratio Lower Upper

91 100

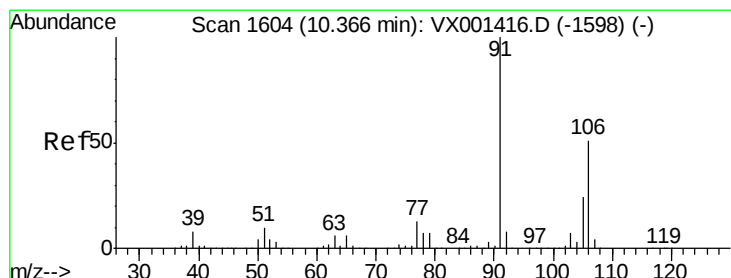
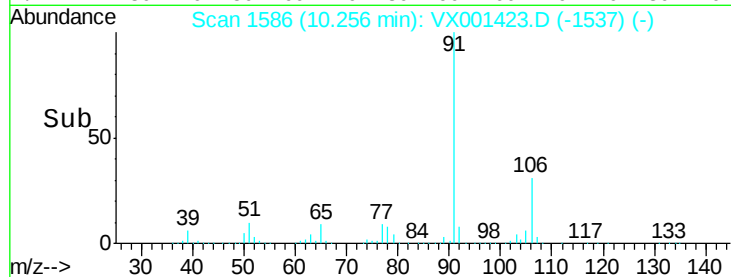
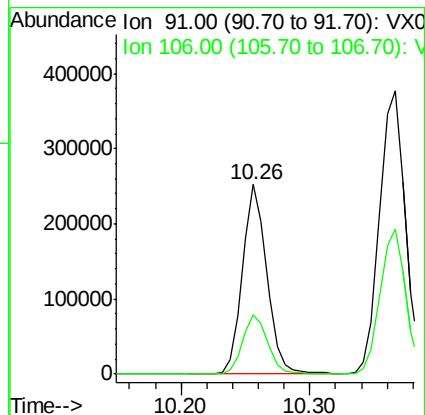
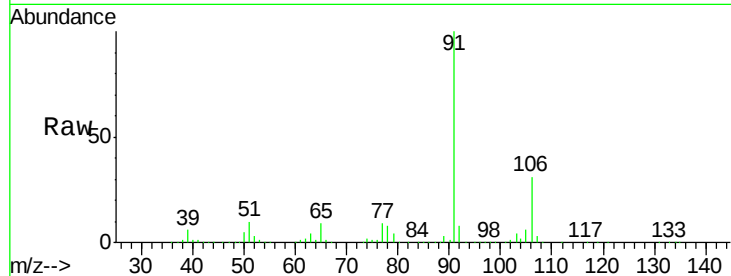
106 31.2 25.5 38.3

Manual Integrations

APPROVED

apatel

5/8/2018 7:53:55 AM



#68

m/p-Xylenes

Concen: 42.380 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001423.D

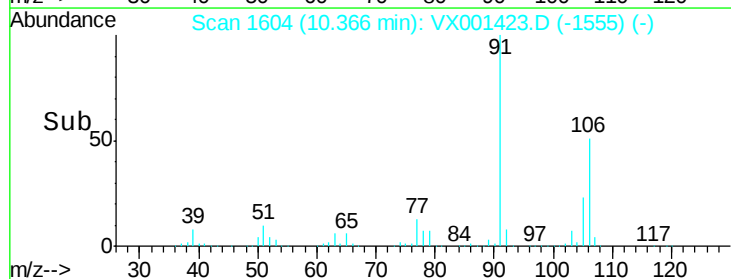
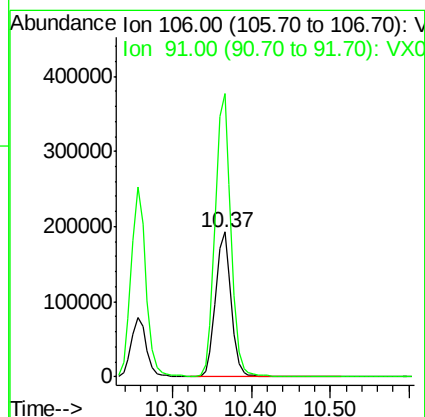
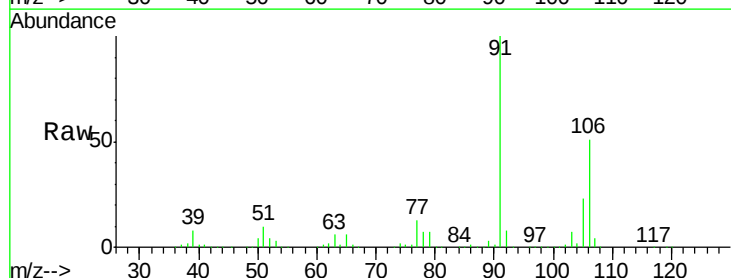
Acq: 05 May 2018 17:27

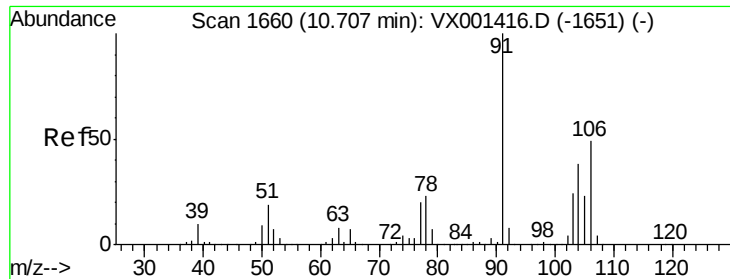
Tgt Ion: 106 Resp: 266796

Ion Ratio Lower Upper

106 100

91 197.7 157.5 236.3





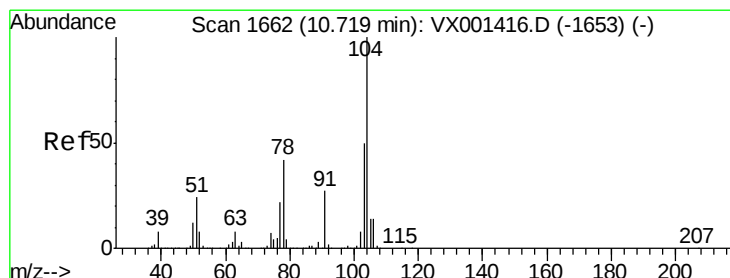
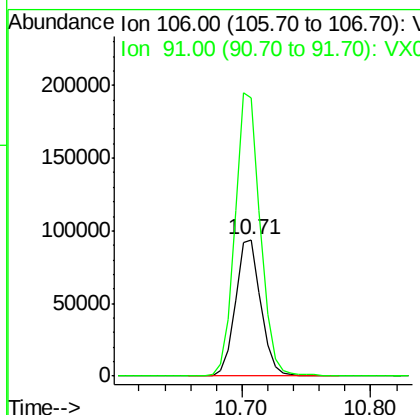
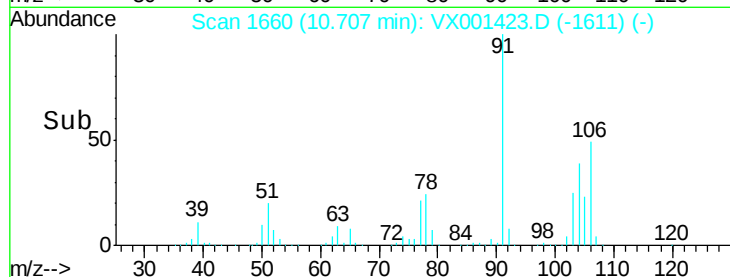
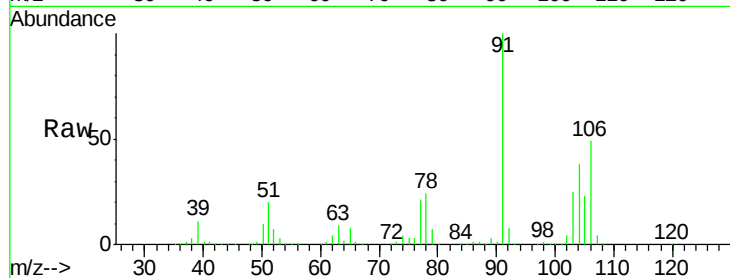
#69
o-Xylene
Concen: 21.023 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	207.9	103.1	128623	309.1	

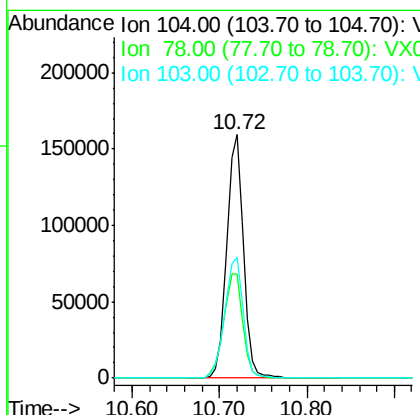
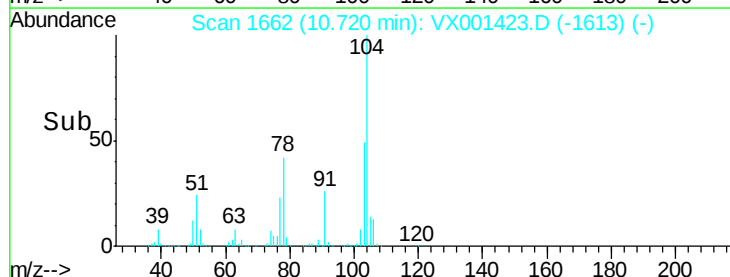
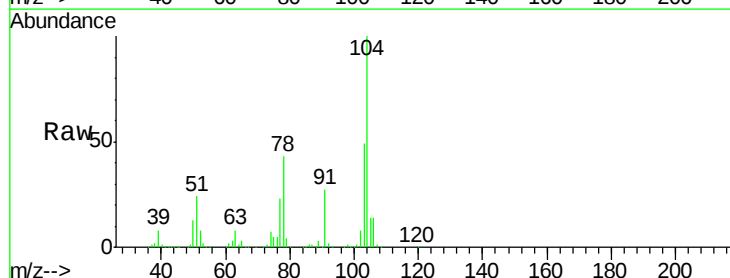
Manual Integrations
APPROVED

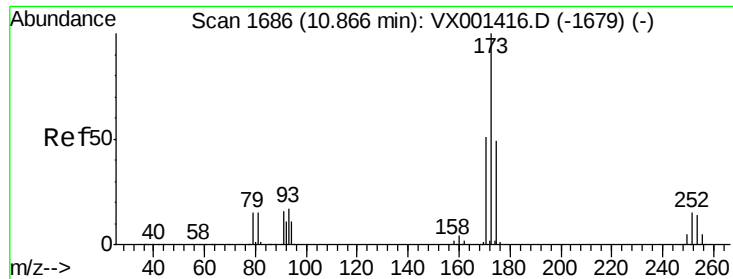
apatel
5/8/2018 7:53:55 AM



#70
Styrene
Concen: 21.140 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.2	38.6	210123	58.0	
103	55.2	44.0		66.0	





#71

Bromoform

Concen: 19.487 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

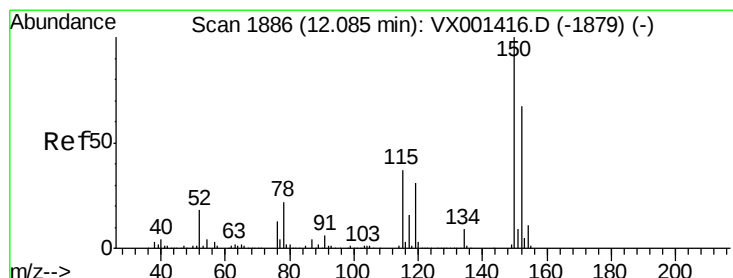
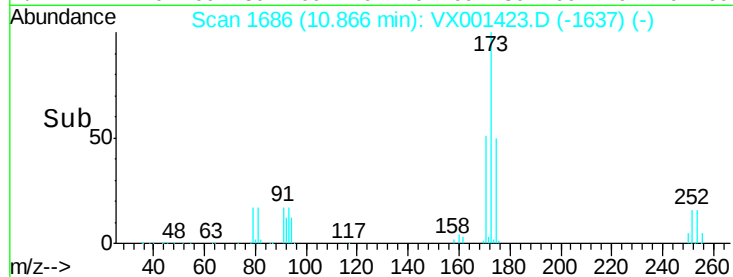
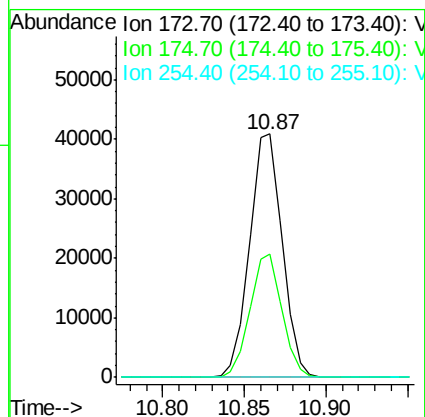
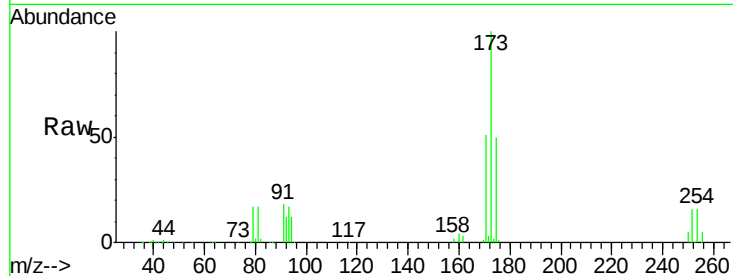
ClientSampled :

VX0505WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.5	73.5
254	0.2	0.2	0.2

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

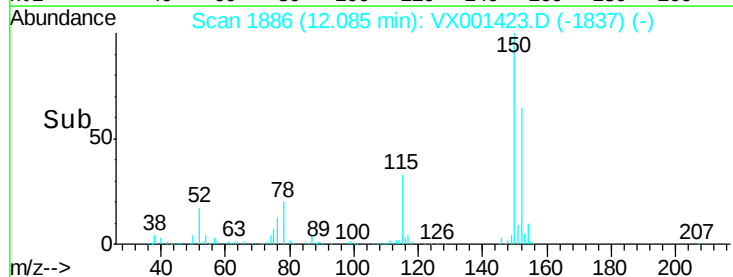
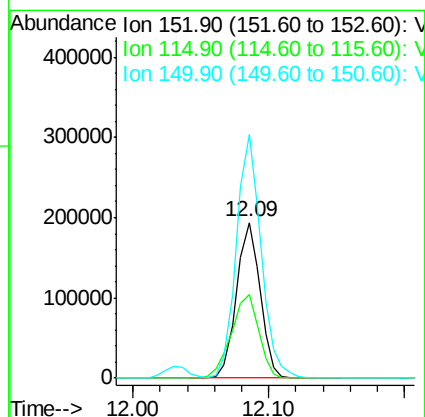
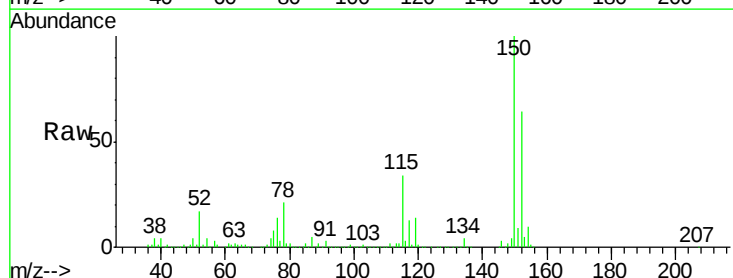
RT: 12.09 min Scan# 1886

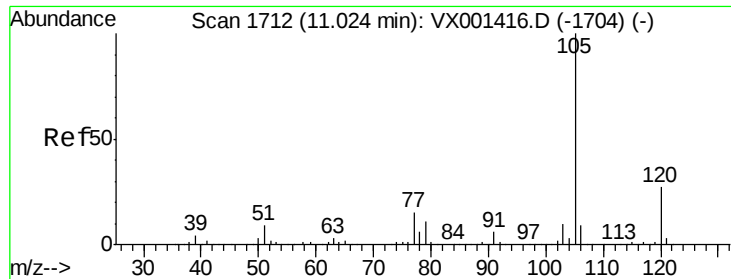
Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	37.7	113.1
150	163.0	0.0	349.4





#73

Isopropylbenzene

Concen: 21.198 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

VX0505WBS01

Tot Ion: 105 Resp: 344695

Ion Ratio Lower Upper

105 100

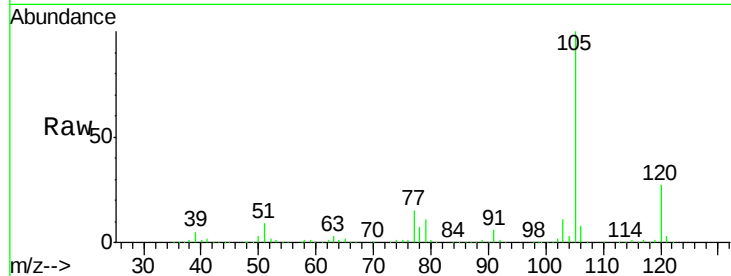
120 27.4 13.6 40.8

Manual Integrations

APPROVED

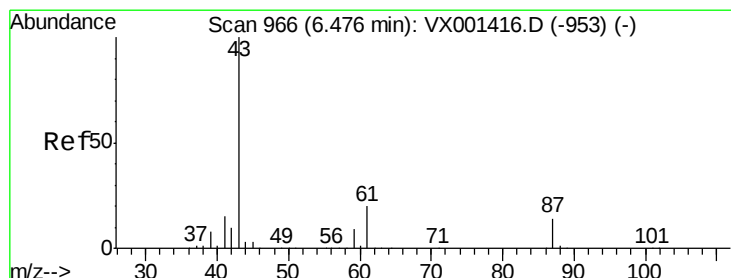
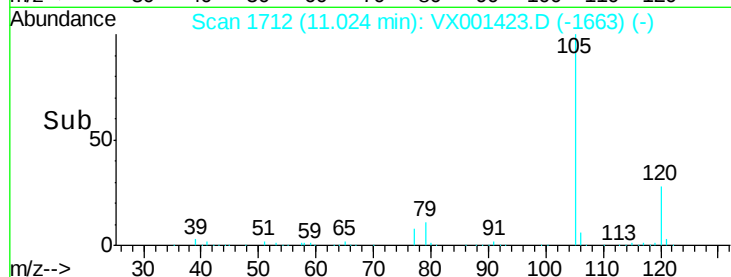
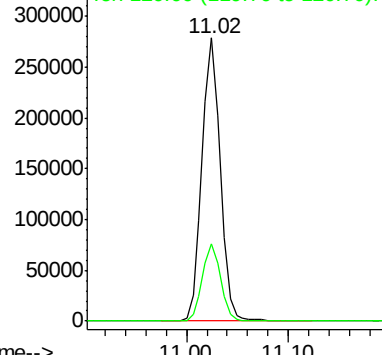
apatel

5/8/2018 7:53:55 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.528 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion: 43 Resp: 159004

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

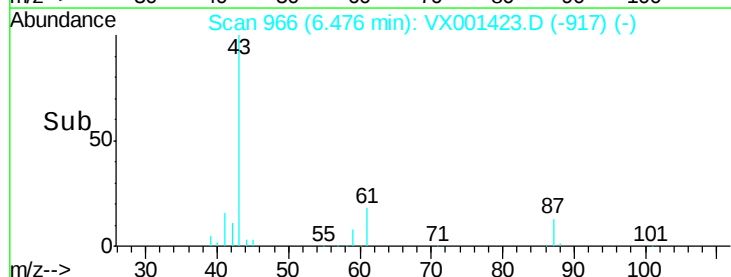
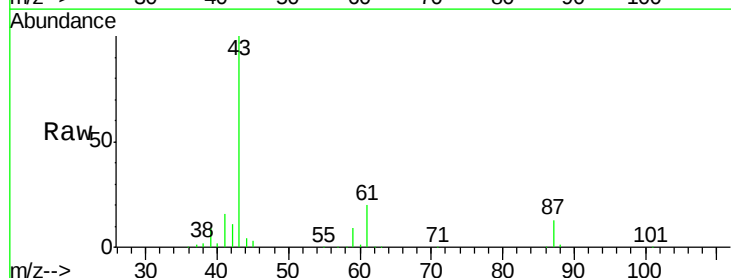
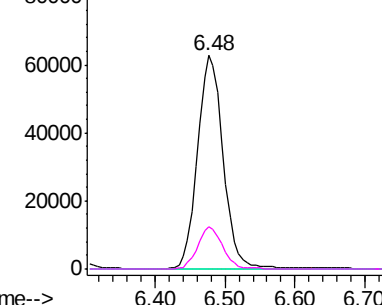
61 19.3 15.4 23.0

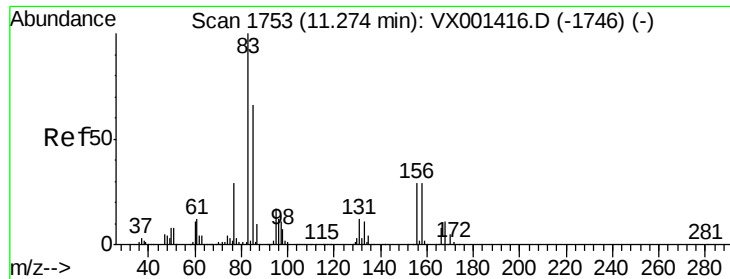
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.133 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

VX0505WBS01

Tot Ion: 83 Resp: 101493
Ion Ratio Lower Upper

83 100

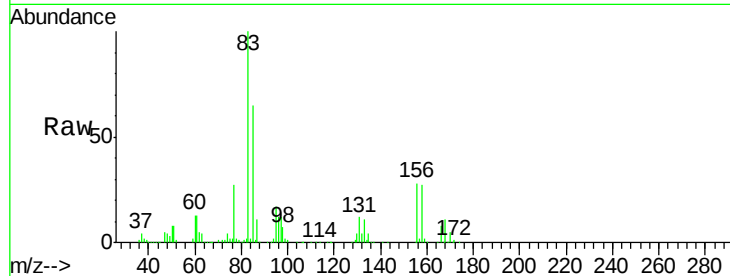
131 11.8 5.8 17.4

85 64.6 32.7 98.1

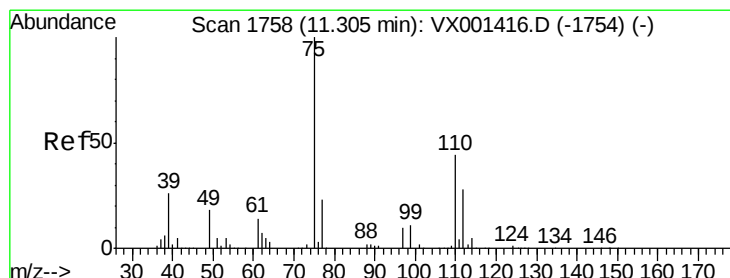
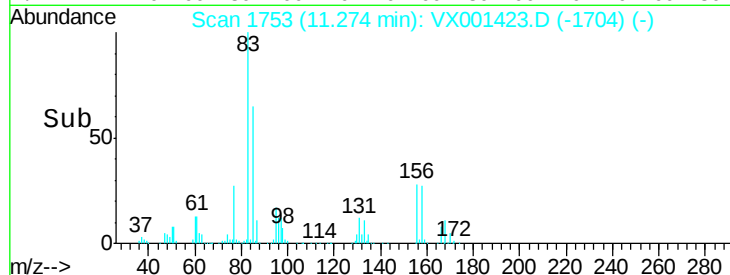
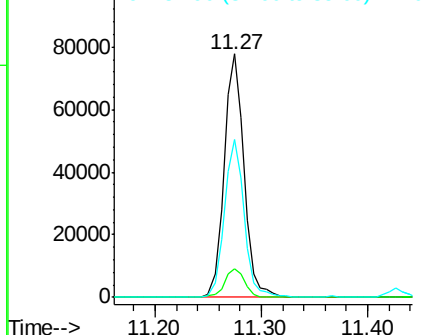
Manual Integrations
APPROVED

apatel

5/8/2018 7:53:55 AM



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



#76

1,2,3-Trichloropropane

Concen: 21.106 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

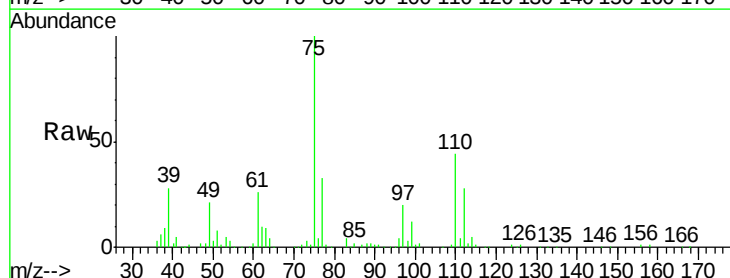
Lab File: VX001423.D

Acq: 05 May 2018 17:27

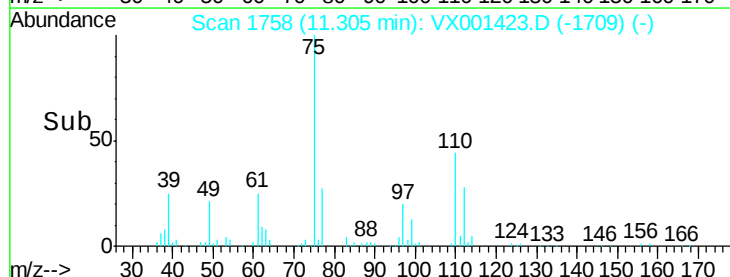
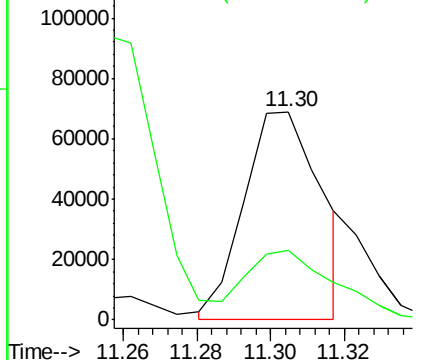
Tgt Ion: 75 Resp: 100544
Ion Ratio Lower Upper

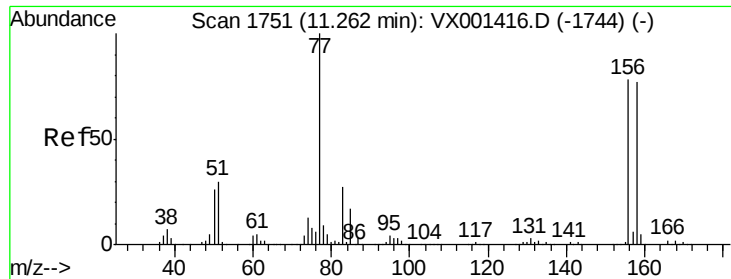
75 100

77 37.6 19.6 58.7



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





#77

Bromobenzene

Concen: 20.792 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

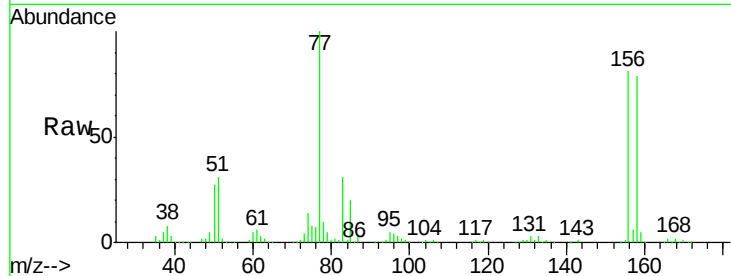
ClientSampleId :

VX0505WBS01

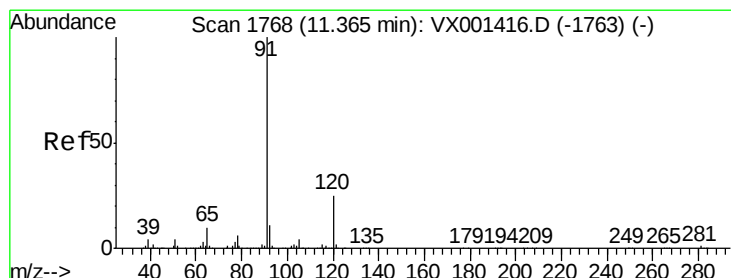
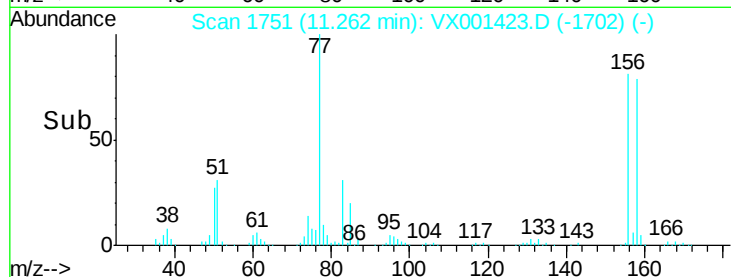
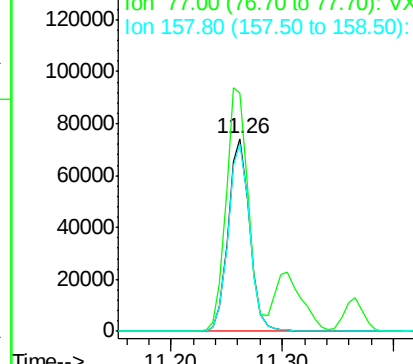
Tot Ion:	156	Resp:	98296
Ion	Ratio	Lower	Upper
156	100		
77	131.4	66.0	198.2
158	98.0	49.4	148.2

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM



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



#78

n-propylbenzene

Concen: 21.704 ug/l

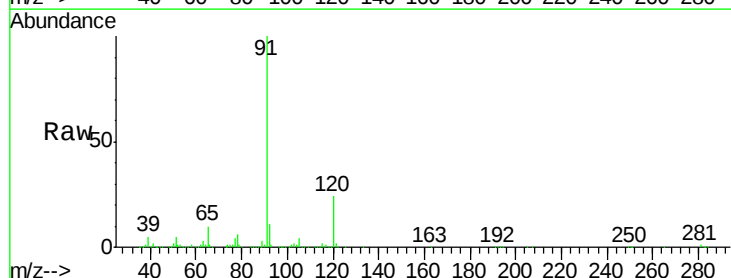
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

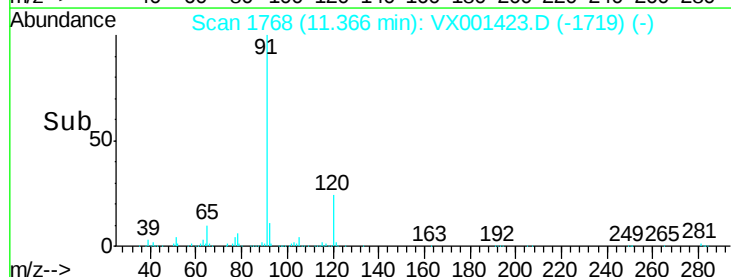
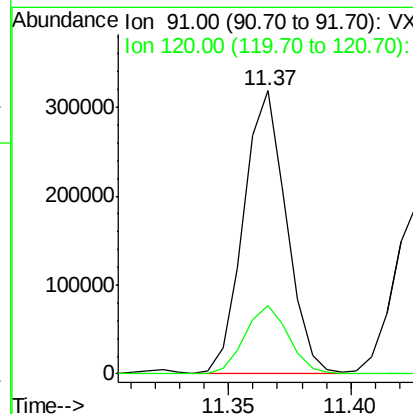
Lab File: VX001423.D

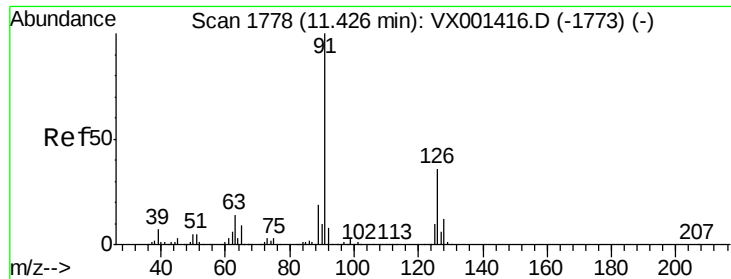
Acq: 05 May 2018 17:27

Tgt Ion:	91	Resp:	384313
Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.5	37.5



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





#79

2-Chlorotoluene

Concen: 21.285 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion: 91 Resp: 231931

Ion Ratio Lower Upper

91 100

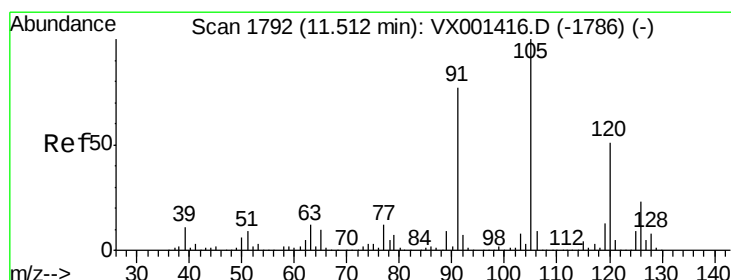
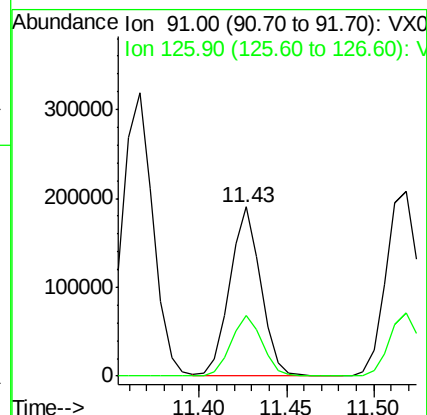
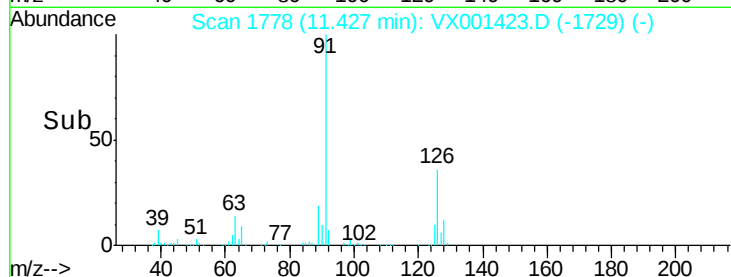
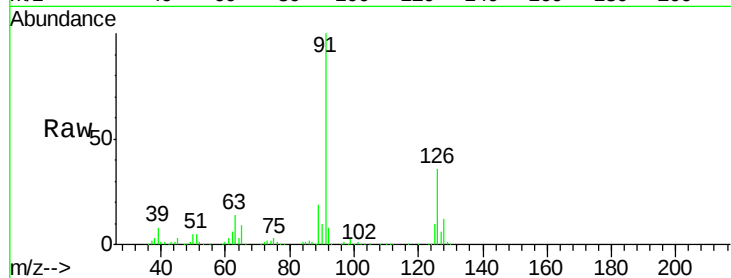
126 36.5 18.1 54.4

Manual Integrations

APPROVED

apatel

5/8/2018 7:53:55 AM



#80

1,3,5-Trimethylbenzene

Concen: 21.513 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001423.D

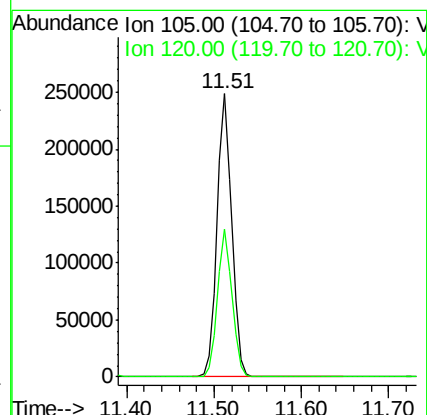
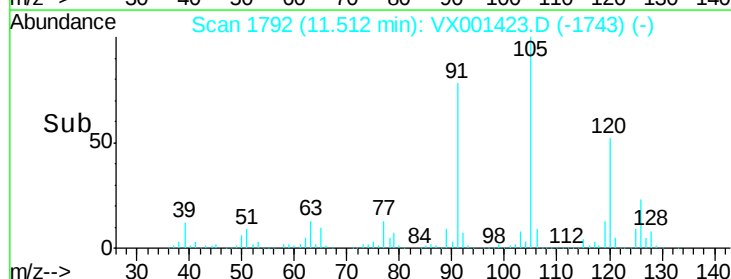
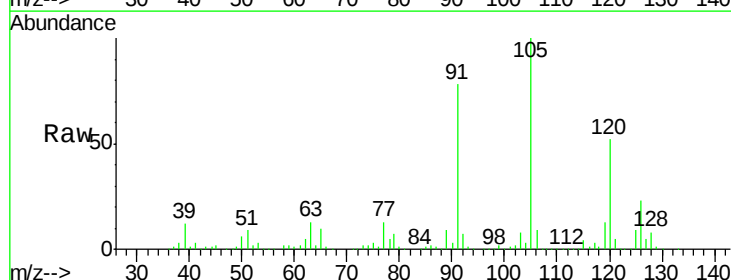
Acq: 05 May 2018 17:27

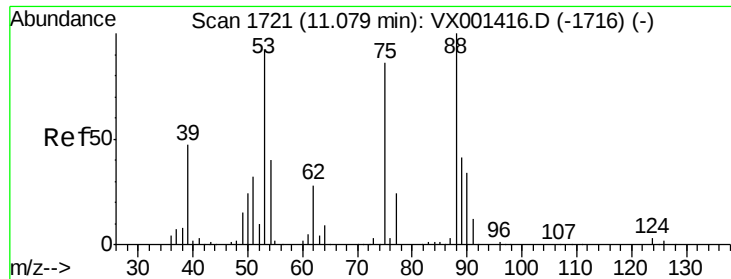
Tgt Ion: 105 Resp: 291252

Ion Ratio Lower Upper

105 100

120 51.5 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.235 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

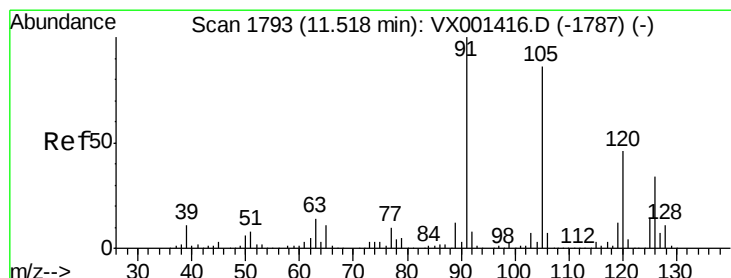
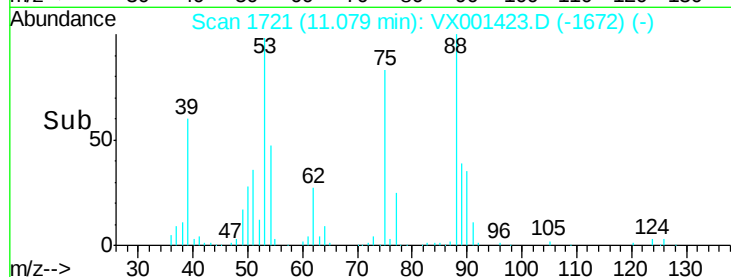
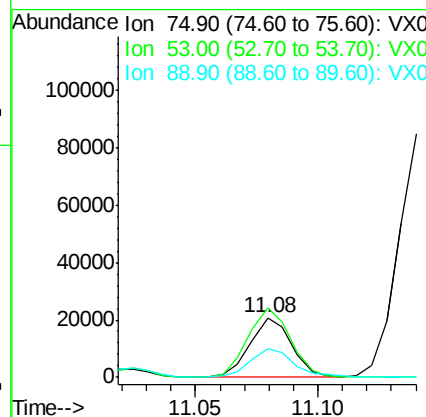
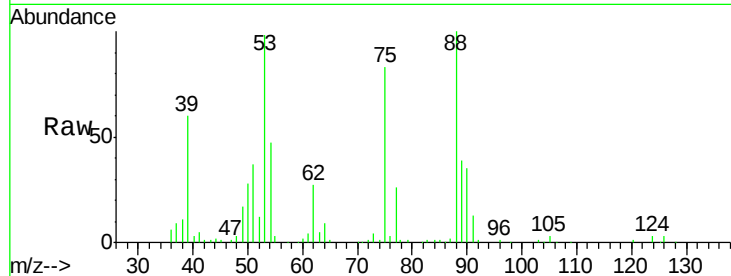
ClientSampled :

VX0505WBS01

Tot Ion:	75	Resp:	24427
Ion Ratio	Lower	Upper	
75	100		
53	121.6	84.5	126.7
89	51.3	39.5	59.3

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM



#82

4-Chlorotoluene

Concen: 21.420 ug/l

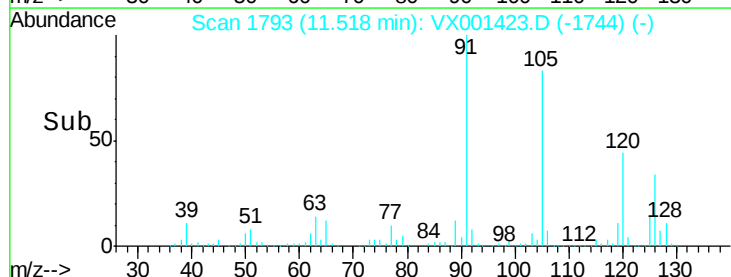
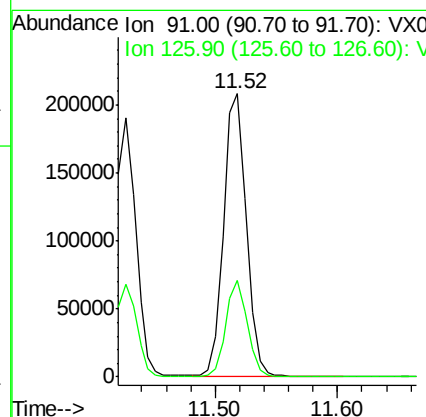
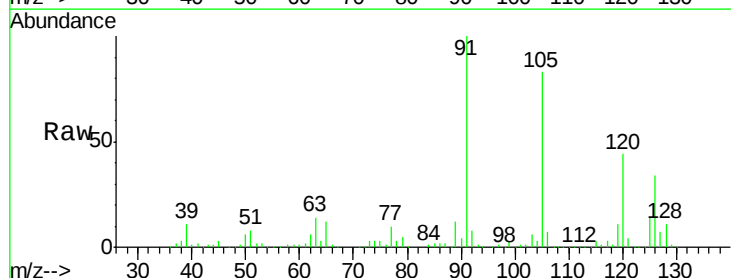
RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion:	91	Resp:	269259
Ion Ratio	Lower	Upper	
91	100		
126	32.5	16.2	48.5





#83

tert-Butylbenzene

Concen: 20.934 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

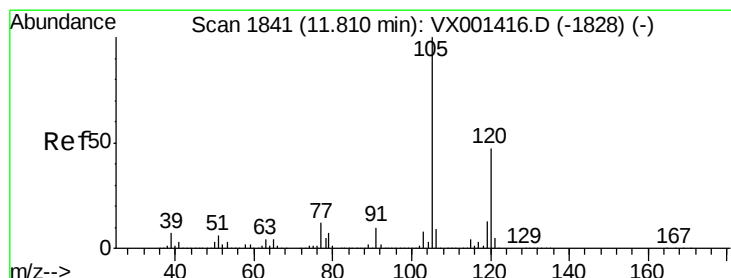
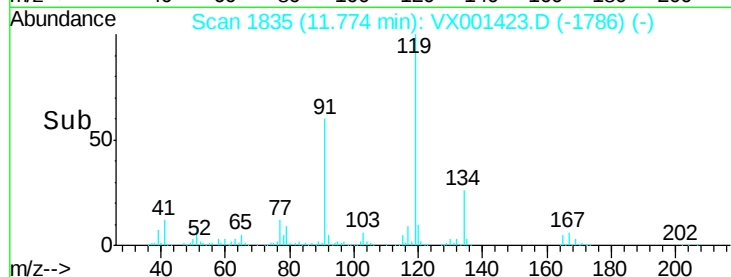
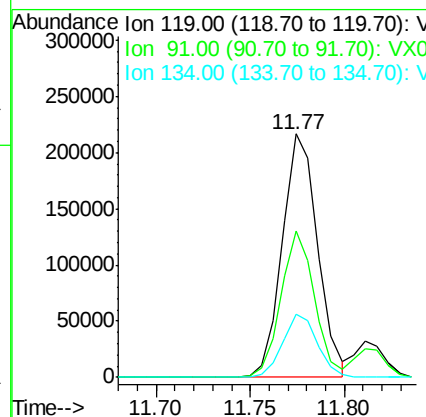
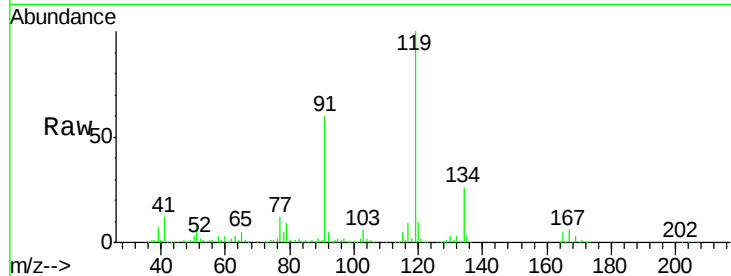
ClientSampleId :

VX0505WBS01

Tot Ion:	119	Resp:	281996
Ion Ratio	Lower	Upper	
119	100		
91	57.1	27.8	83.3
134	25.5	12.4	37.0

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM



#84

1,2,4-Trimethylbenzene

Concen: 21.748 ug/l

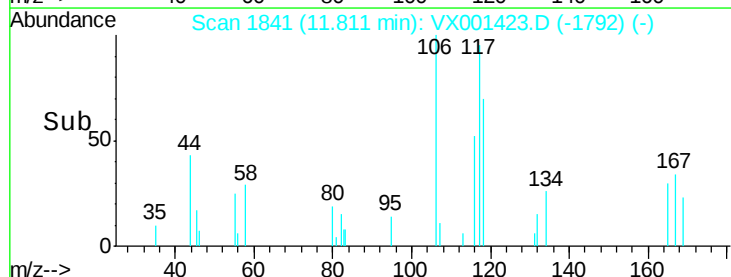
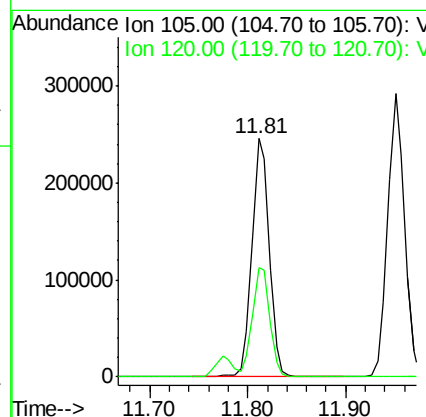
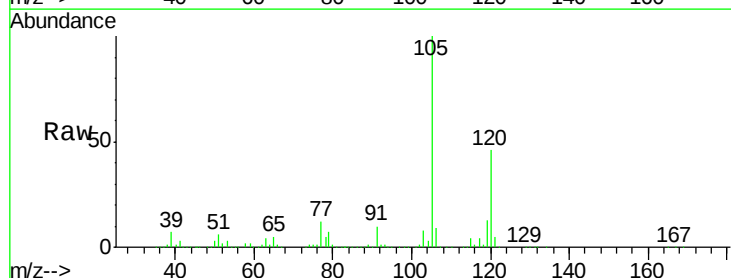
RT: 11.81 min Scan# 1841

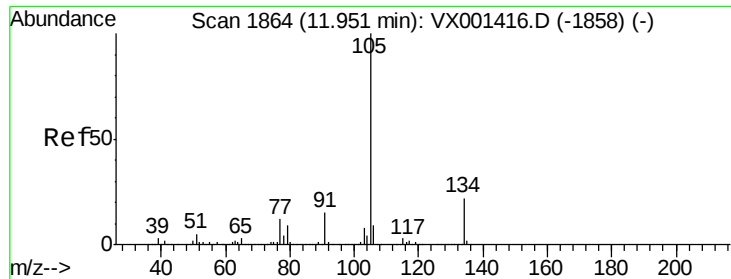
Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion:	105	Resp:	302604
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.4	70.2





#85

sec-Butylbenzene

Concen: 21.657 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0505WBS01

Tot Ion:105 Resp: 350162

Ion Ratio Lower Upper

105 100

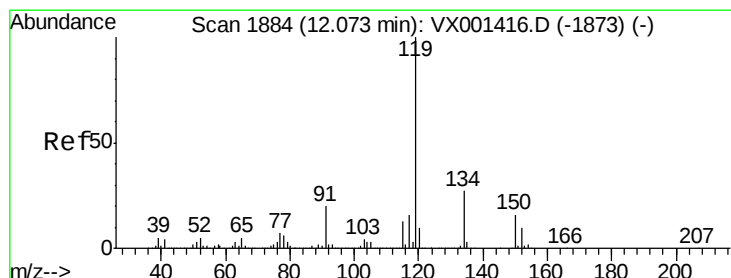
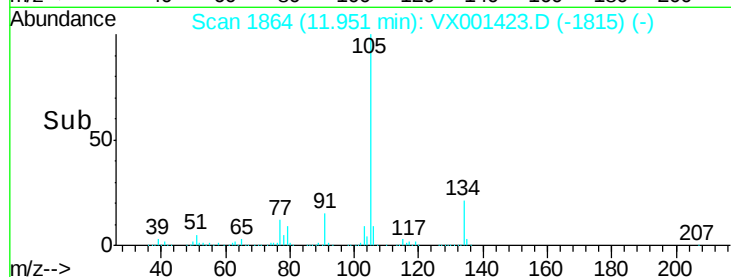
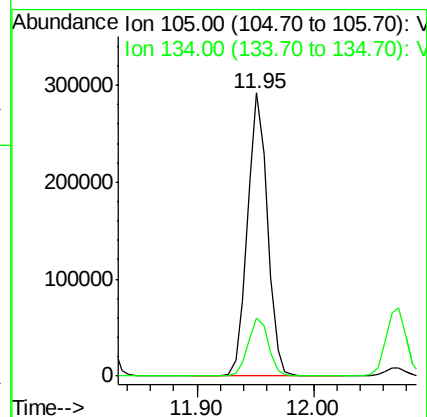
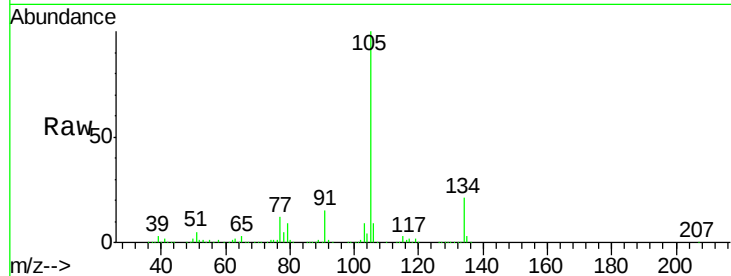
134 21.2 10.9 32.9

Manual Integrations

APPROVED

apatel

5/8/2018 7:53:55 AM



#86

p-Isopropyltoluene

Concen: 21.922 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

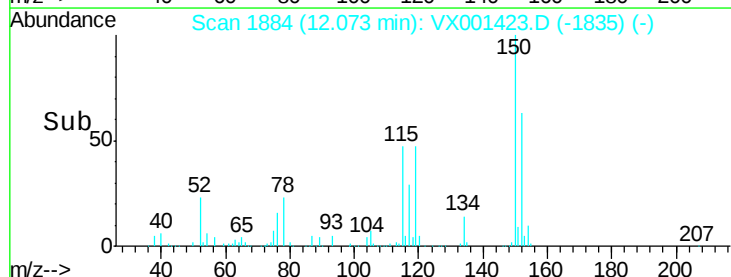
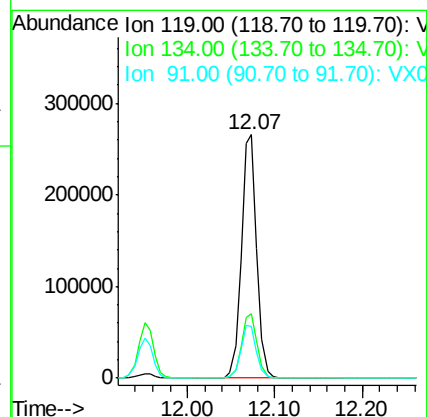
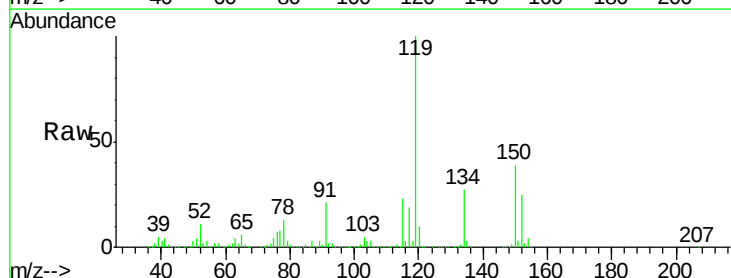
Tgt Ion:119 Resp: 325163

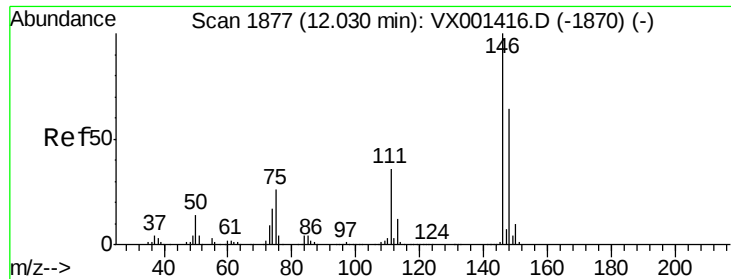
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

91 22.1 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 20.891 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

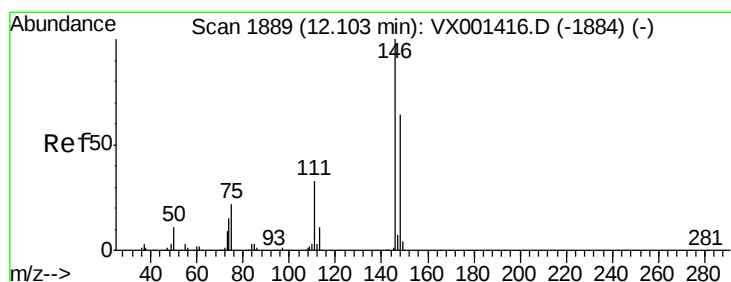
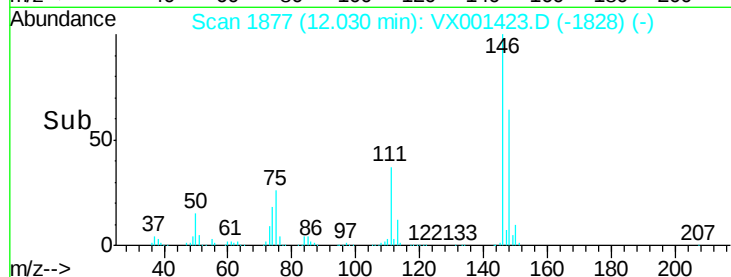
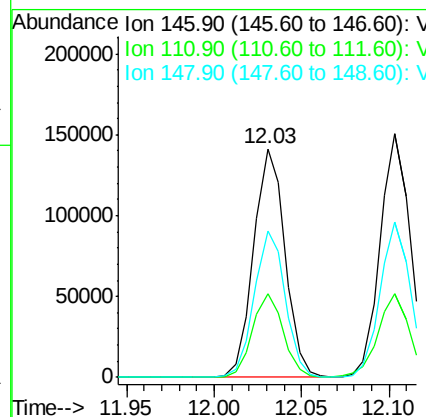
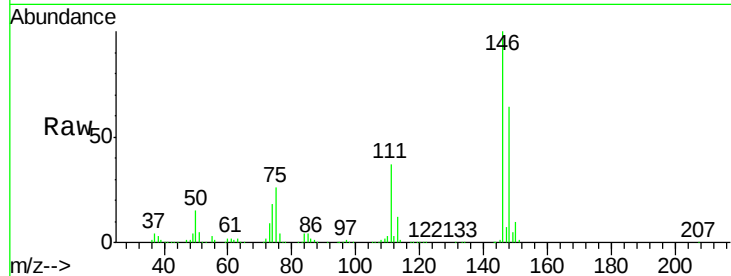
ClientSampleId :

VX0505WBS01

Tot Ion:	146	Resp:	176543
Ion Ratio	Lower	Upper	
146	100		
111	35.7	18.1	54.1
148	63.3	32.1	96.5

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM



#88

1,4-Dichlorobenzene

Concen: 20.950 ug/l

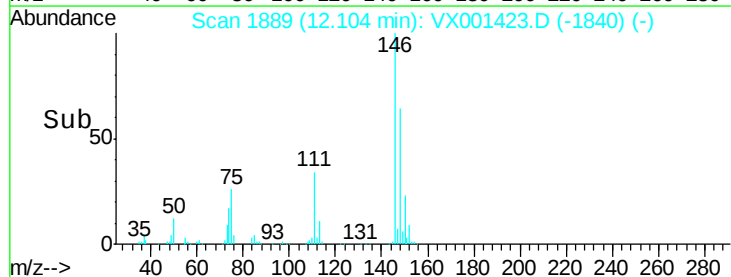
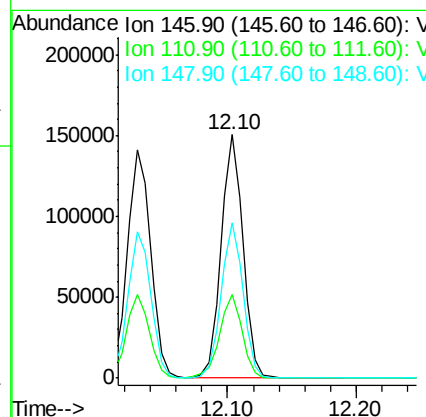
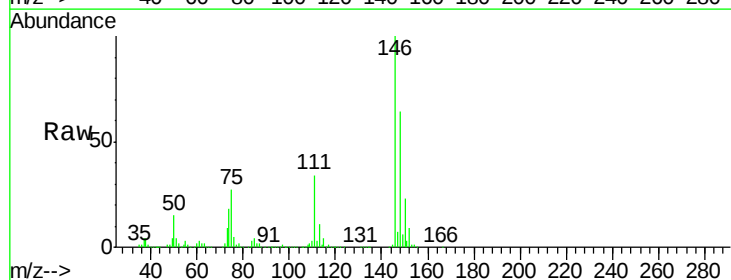
RT: 12.10 min Scan# 1889

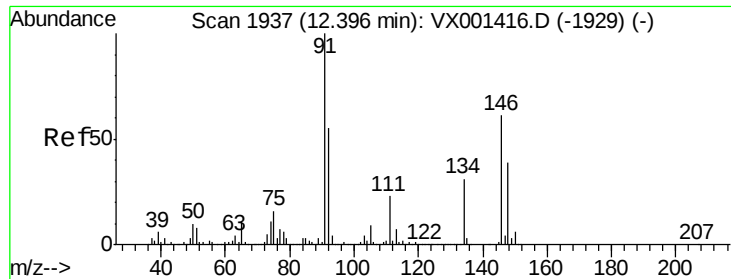
Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion:	146	Resp:	180577
Ion Ratio	Lower	Upper	
146	100		
111	35.7	17.4	52.3
148	64.2	32.2	96.6





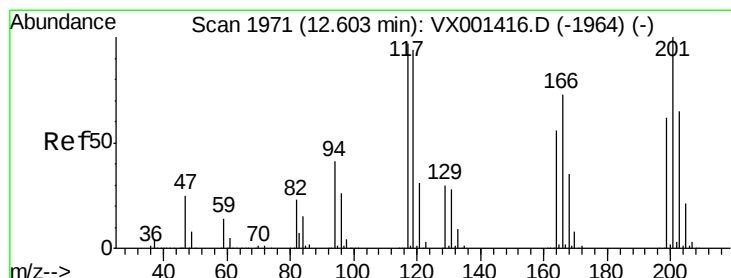
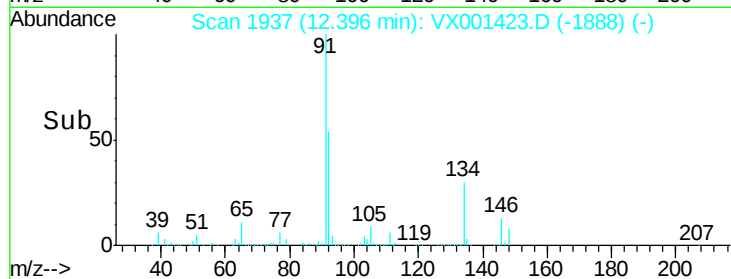
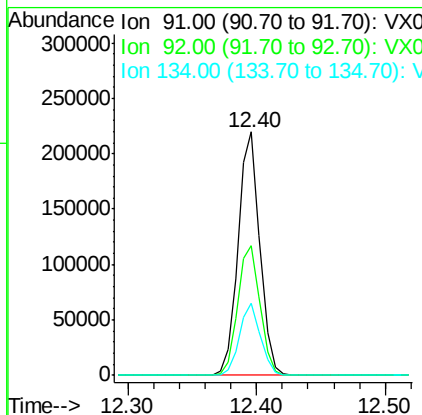
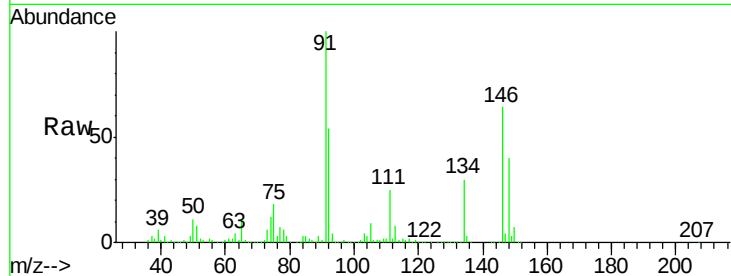
#89
n-Butylbenzene
Concen: 20.868 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0505WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	256474		
92	55.1		27.2	81.5
134	28.6		14.6	44.0

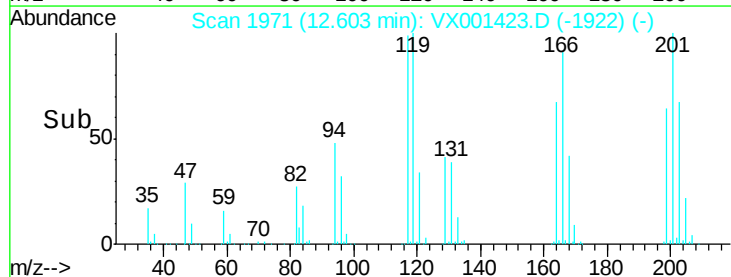
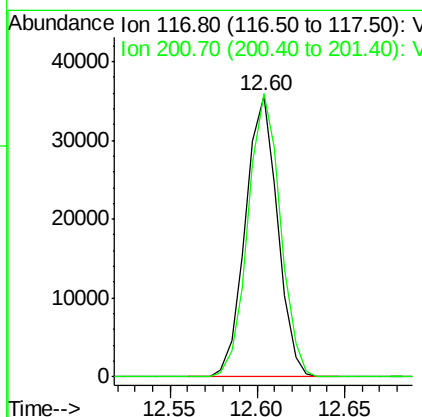
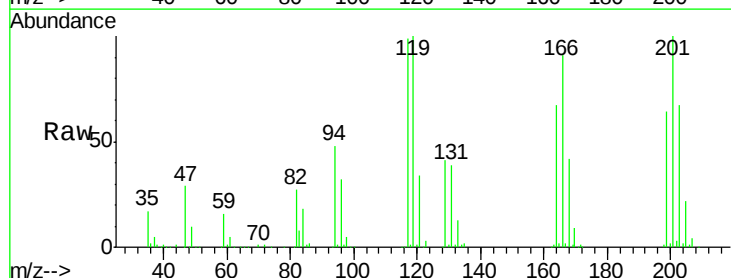
Manual Integrations
APPROVED

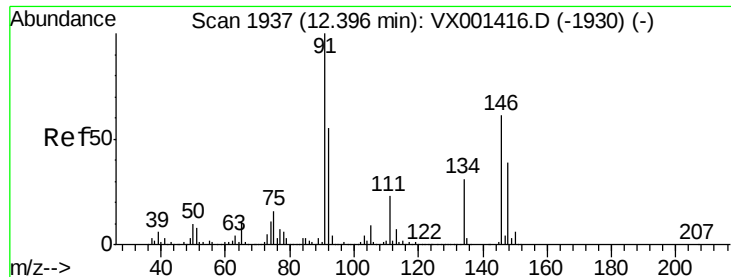
apatel
5/8/2018 7:53:55 AM



#90
Hexachloroethane
Concen: 20.358 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001423.D
Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	45469		
201	101.5		51.5	154.5





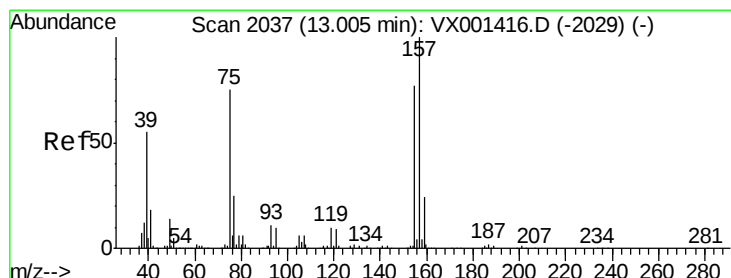
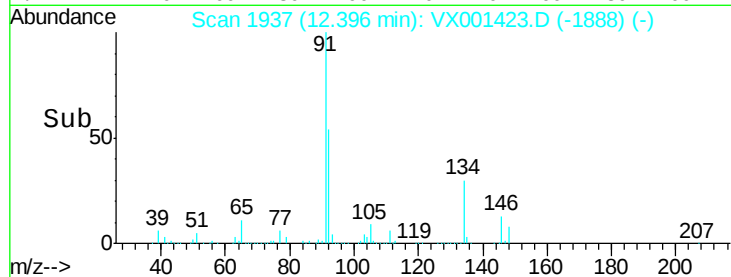
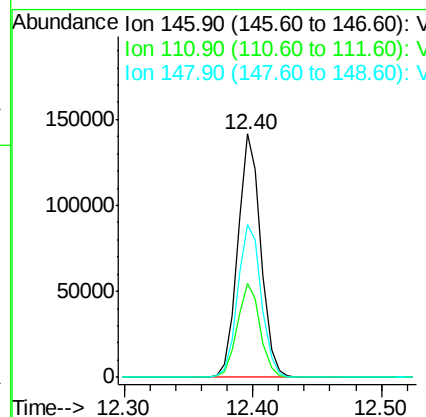
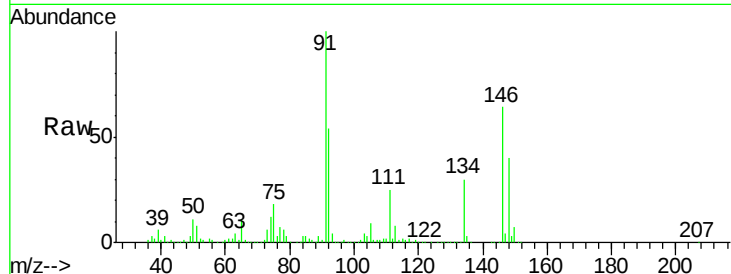
#91
 1,2-Dichlorobenzene
 Concen: 20.488 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	176153		
111	38.3	18.6	55.8	
148	64.6	32.1	96.5	

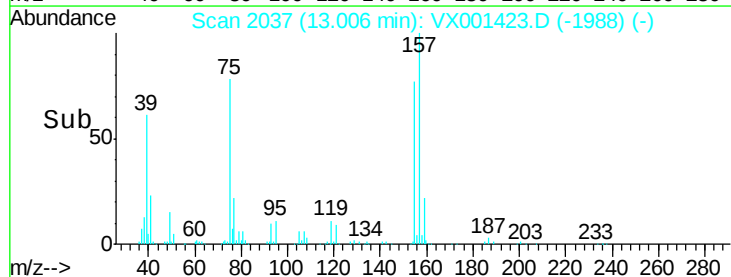
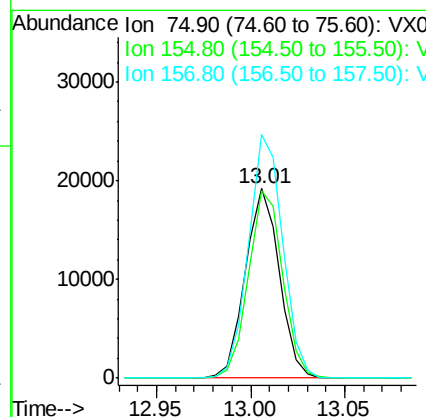
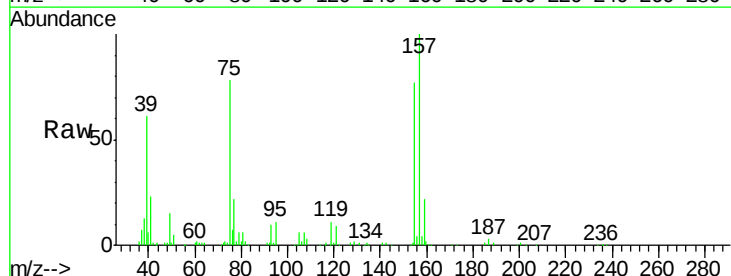
Manual Integrations
 APPROVED

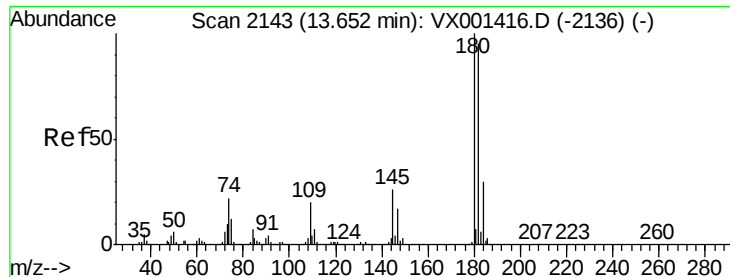
apatel
 5/8/2018 7:53:55 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.775 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	24031		
155	99.6	53.4	160.2	
157	129.8	68.3	204.8	





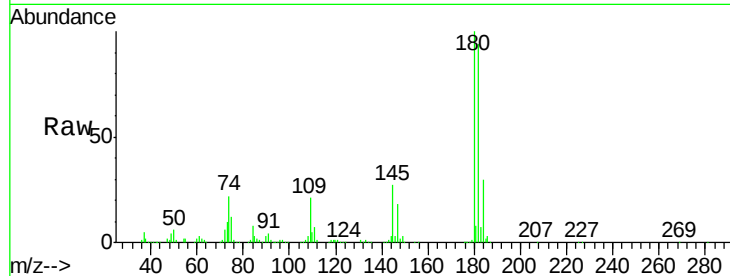
#93
 1,2,4-Trichlorobenzene
 Concen: 20.605 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

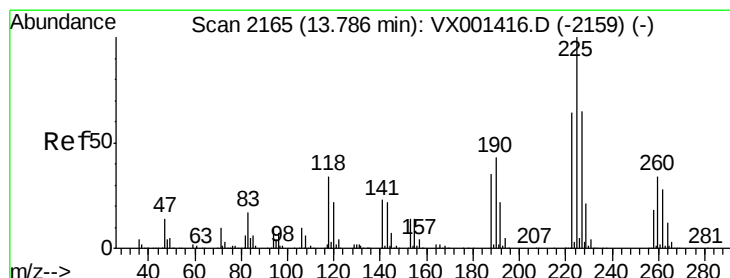
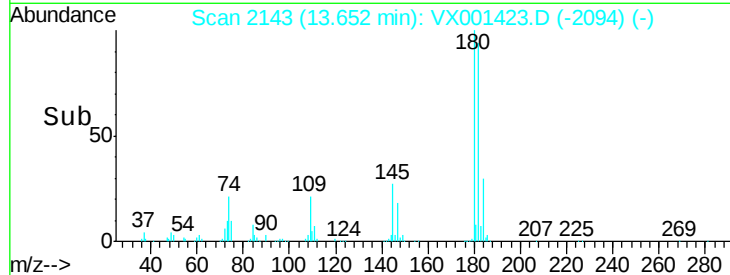
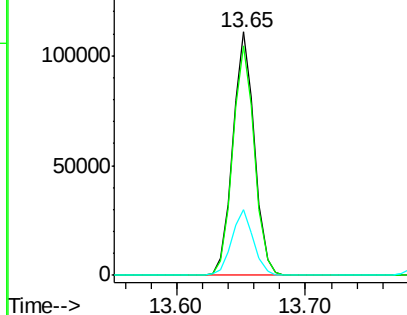
Tot Ion	Ratio	Resp	Lower	Upper
180	100	129638		
182	95.0	47.8	143.4	
145	27.0	13.3	39.9	

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:55 AM

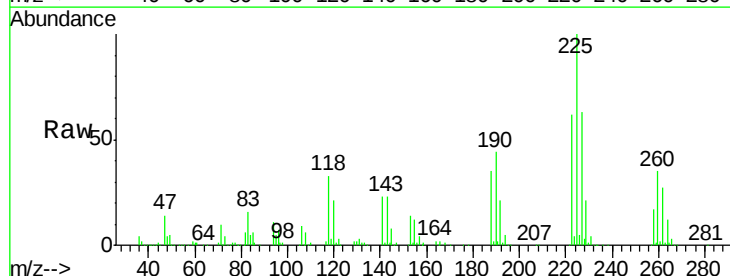


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

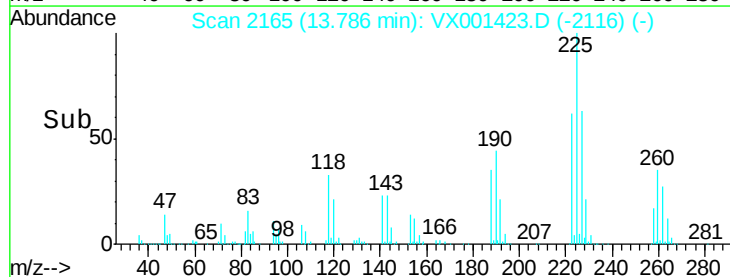
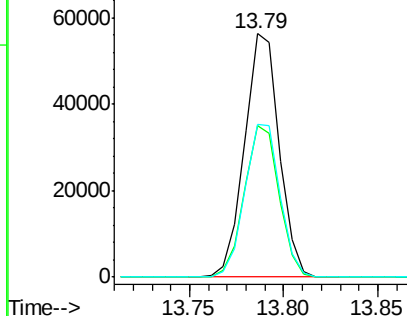


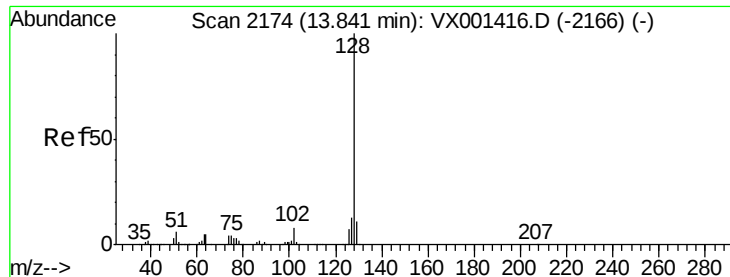
#94
 Hexachlorobutadiene
 Concen: 20.821 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001423.D
 Acq: 05 May 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	71677		
223	62.4	31.3	93.9	
227	63.8	32.4	97.2	



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





#95

Naphthalene

Concen: 21.665 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Instrument :

MSVOA_X

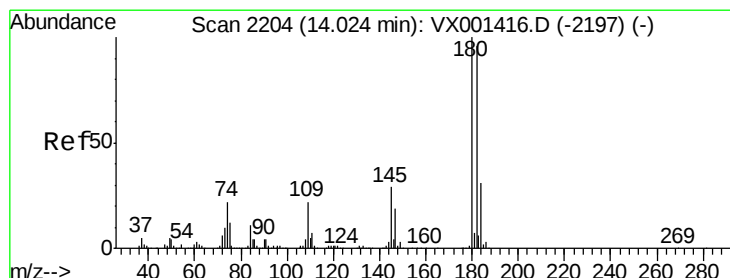
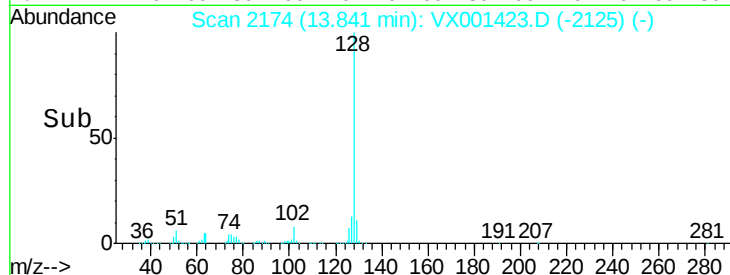
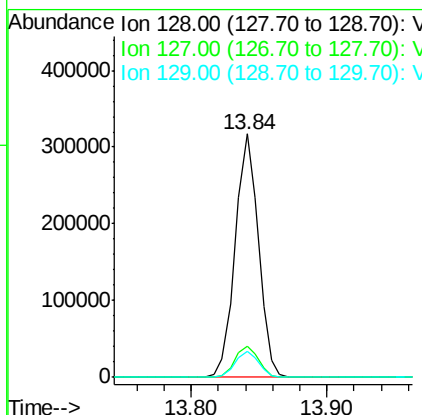
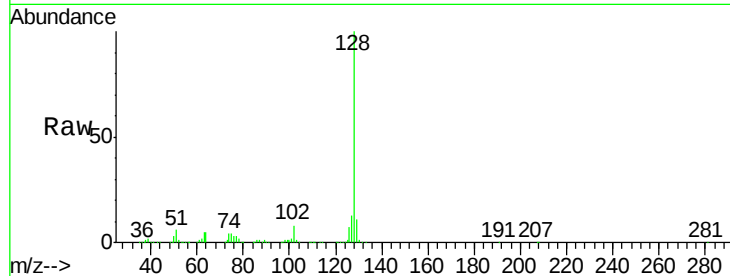
ClientSampleId :

VX0505WBS01

Tot Ion:	128	Resp:	376978
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:55 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.751 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001423.D

Acq: 05 May 2018 17:27

Tgt Ion:	180	Resp:	133965
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.0	144.2
145	28.2	14.1	42.4

