

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001625.D
 Acq On : 11 May 2018 02:35
 Operator : JC/MD
 Sample : VX0510WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Manual Integrations
 APPROVED

apatel
 5/14/2018 3:57:46 PM

Quant Time: May 11 07:34:46 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	54709	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	278831	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	251575	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	122280	30.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.10%
60) 4-Bromofluorobenzene	11.14	95	116119	29.17	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.23%
63) Toluene-d8	8.72	98	337248	30.06	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	58546	21.96	ug/l	96
3) Chloromethane	1.32	50	65721	22.27	ug/l	98
4) Vinyl Chloride	1.40	62	67864	22.02	ug/l	99
5) Bromomethane	1.64	94	47474	31.16	ug/l	100
6) Chloroethane	1.73	64	45856	22.35	ug/l	94
7) Trichlorofluoromethane	1.93	101	96532	21.80	ug/l	99
8) Diethyl Ether	2.19	74	42285	22.03	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54611	22.20	ug/l	99
10) 1,1-Dichloroethene	2.37	96	54079	21.36	ug/l	98
11) Methyl Iodide	2.51	142	64012	17.40	ug/l	97
12) Methyl Acetate	2.78	43	94251	21.89	ug/l	99
13) Acrolein	2.30	56	47698	97.71	ug/l	99
14) Acrylonitrile	3.15	53	188760	109.76	ug/l	100
15) Acetone	2.45	58	51263	110.95	ug/l	96
16) Carbon Disulfide	2.57	76	132458	21.12	ug/l	99
17) Allyl chloride	2.73	41	102498	21.22	ug/l	98
18) Methylene Chloride	2.86	84	66095	22.12	ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	59201	21.54	ug/l	96
20) Diisopropyl ether	3.88	45	197528	21.89	ug/l	98
21) 1,1-Dichloroethane	3.70	63	113437	21.86	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	66460	21.45	ug/l	99
23) tert-Butyl Alcohol	3.08	59	86242	112.71	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	202856	22.05	ug/l	100
25) Chloroform	5.23	83	115225	21.55	ug/l	99
26) Cyclohexane	5.58	56	81582	21.55	ug/l	# 99
29) 1,1-Dichloropropene	5.81	75	76020	21.70	ug/l	99
30) 2-Butanone	4.72	43	254364	110.04	ug/l	99
31) 2,2-Dichloropropane	4.59	77	57278	19.02	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	96828	21.73	ug/l	99
33) Carbon Tetrachloride	5.79	117	83811	21.36	ug/l	98
34) Benzene	6.15	78	245135	21.89	ug/l	99
35) Methacrylonitrile	5.07	41	54160	21.61	ug/l	98
36) 1,2-Dichloroethane	6.21	62	98420	22.21	ug/l	100
37) Trichloroethene	7.22	130	71492	21.66	ug/l	97
38) Methylcyclohexane	7.46	83	81169	21.67	ug/l	99
39) 1,2-Dichloropropane	7.53	63	62435	22.23	ug/l	100
40) Dibromomethane	7.67	93	44429	22.08	ug/l	100

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001625.D
 Acq On : 11 May 2018 02:35
 Operator : JC/MD
 Sample : VX0510WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Manual Integrations
 APPROVED

apatel
 5/14/2018 3:57:46 PM

Quant Time: May 11 07:34:46 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	80904	21.37	ug/l	99
42) Vinyl Acetate	3.83	43	836857	109.76	ug/l	99
43) Ethyl Acetate	4.87	43	96505	21.90	ug/l	97
44) Isopropyl Acetate	6.48	43	144583	21.43	ug/l	99
45) 1,4-Dioxane	7.76	88	34646	437.97	ug/l	100
46) Methyl methacrylate	7.79	41	77986	21.41	ug/l	99
47) n-amyl Acetate	10.91	43	120659	20.94	ug/l	100
48) t-1,3-Dichloropropene	8.44	75	86430	20.69	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	75558	20.47	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	64842	21.76	ug/l	96
51) Ethyl methacrylate	9.19	69	92522	21.54	ug/l	99
52) 1,3-Dichloropropane	9.38	76	107268	21.85	ug/l	100
53) Dibromochloromethane	9.59	129	64792	20.94	ug/l	98
54) 1,2-Dibromoethane	9.68	107	68027	21.65	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	245864	107.66	ug/l	100
56) Bromoform	10.87	173	51443	20.34	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	505950	111.81	ug/l	100
59) 2-Hexanone	9.51	43	378752	111.72	ug/l	100
61) Tetrachloroethene	9.34	164	80713	22.05	ug/l	100
62) Toluene	8.79	91	263134	21.74	ug/l	100
64) Chlorobenzene	10.15	112	172772	21.73	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	64741	21.55	ug/l	100
66) Ethyl Benzene	10.26	91	272869	21.73	ug/l	99
67) m/p-Xylenes	10.37	106	216741	43.22	ug/l	99
68) o-Xylene	10.71	106	108475	21.86	ug/l	99
69) Styrene	10.72	104	176030	21.50	ug/l	99
70) Isopropylbenzene	11.02	105	280460	21.94	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	92839	21.66	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	91402m	22.00	ug/l	
73) Bromobenzene	11.26	156	83918	21.67	ug/l	99
74) n-propylbenzene	11.37	91	308332	21.91	ug/l	99
75) 2-Chlorotoluene	11.43	91	193122	21.88	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	234357	21.79	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	20871	19.54	ug/l	96
78) 4-Chlorotoluene	11.52	91	214993	21.43	ug/l	99
79) tert-butylbenzene	12.07	119	248941	21.87	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	241074	21.95	ug/l	99
81) sec-Butylbenzene	11.95	105	273351	21.94	ug/l	100
82) p-Isopropyltoluene	12.07	119	248941	21.87	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	144190	21.35	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	143835	21.18	ug/l	100
85) n-Butylbenzene	12.40	91	192241	21.24	ug/l	99
86) Hexachloroethane	12.60	117	36616	20.28	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	150241	21.45	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	20685	20.71	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	102354	20.57	ug/l	100
90) Hexachlorobutadiene	13.79	225	54647	21.46	ug/l	98
91) Naphthalene	13.84	128	317436	21.30	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	111392	21.17	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
Data File : VX001625.D
Acq On : 11 May 2018 02:35
Operator : JC/MD
Sample : VX0510WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

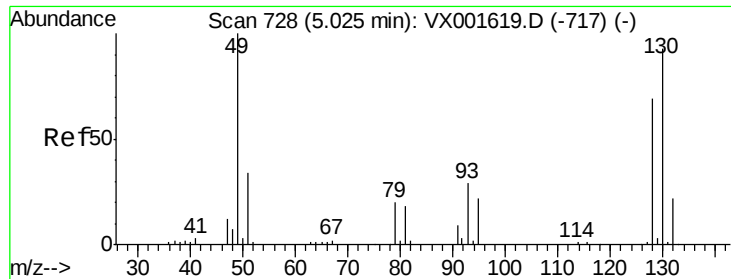
Manual Integrations
APPROVED

apatel
5/14/2018 3:57:46 PM

Quant Time: May 11 07:34:46 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 11 07:16:13 2018
Response via : Initial Calibration

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

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



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion:128 Resp: 54709

Ion Ratio Lower Upper

128 100

49 147.5 0.0 372.0

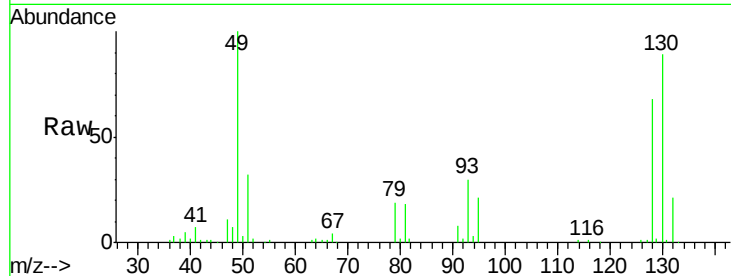
130 130.1 0.0 326.5

Manual Integrations

APPROVED

apatel

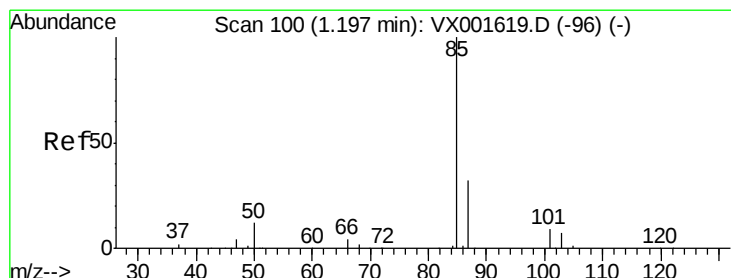
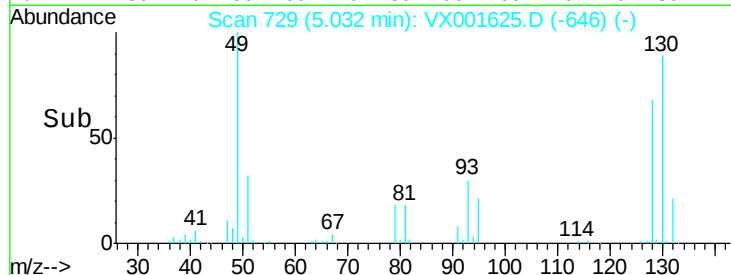
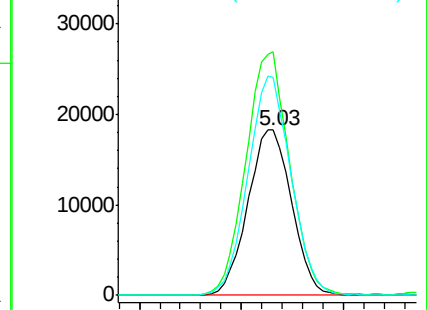
5/14/2018 3:57:46 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.96 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001625.D

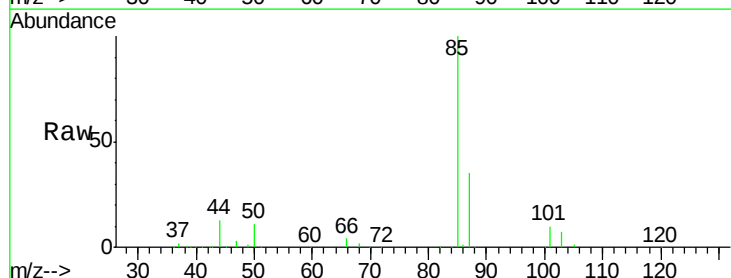
Acq: 11 May 2018 02:35

Tgt Ion: 85 Resp: 58546

Ion Ratio Lower Upper

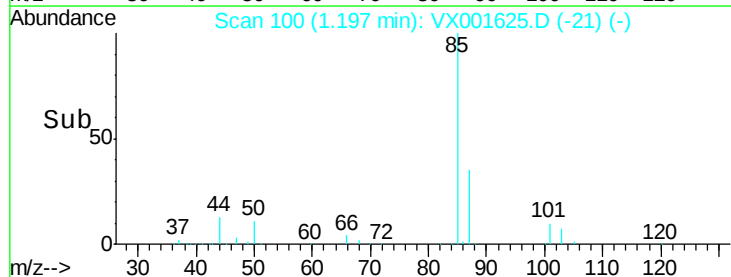
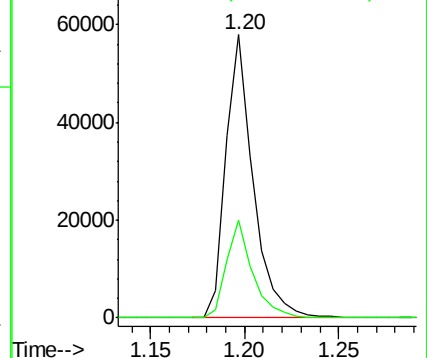
85 100

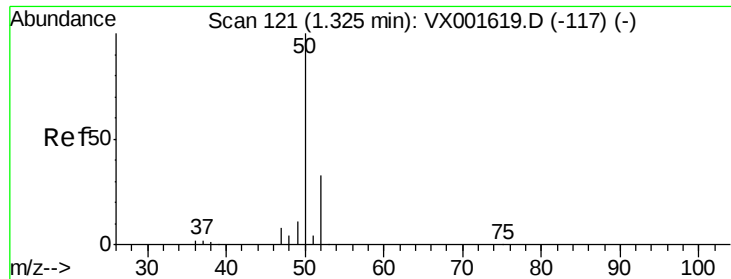
87 34.7 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 22.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 50 Resp: 65721

Ion Ratio Lower Upper

50 100

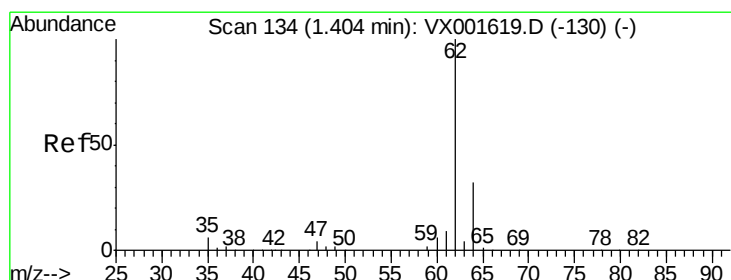
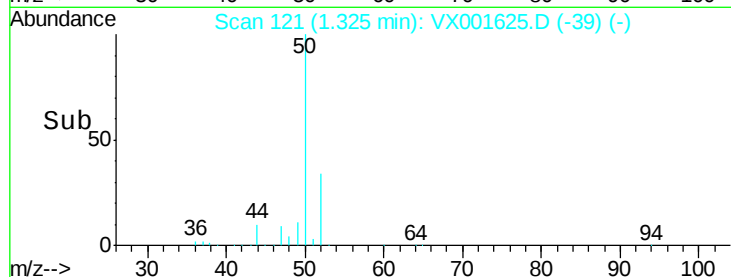
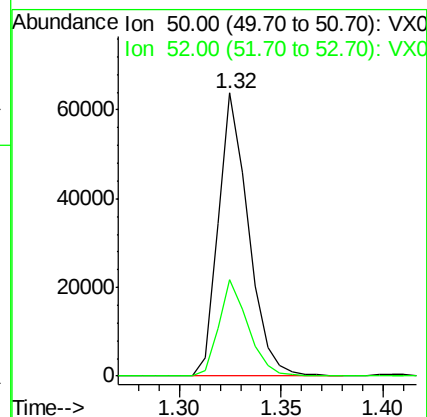
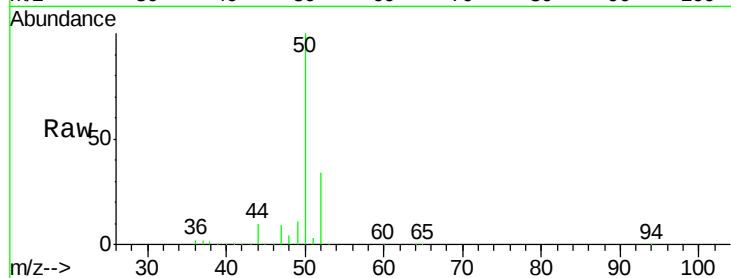
52 34.3 26.4 39.6

Manual Integrations

APPROVED

apatel

5/14/2018 3:57:46 PM



#4

Vinyl Chloride

Concen: 22.02 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001625.D

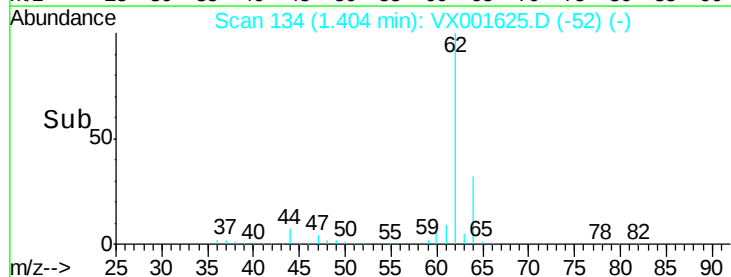
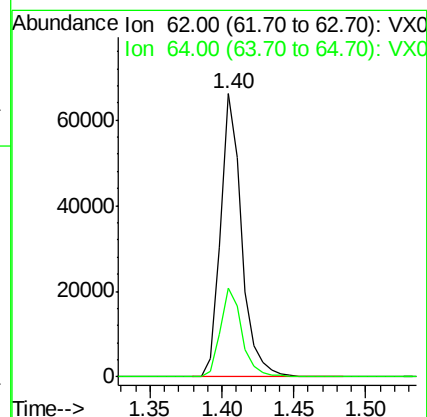
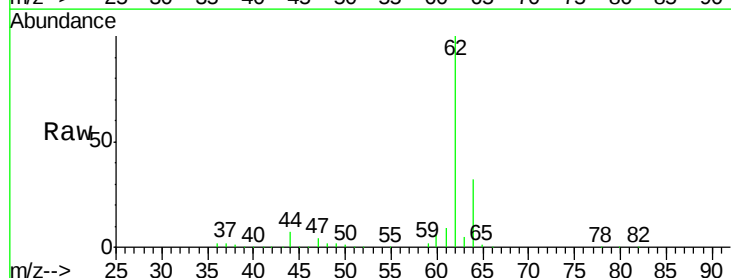
Acq: 11 May 2018 02:35

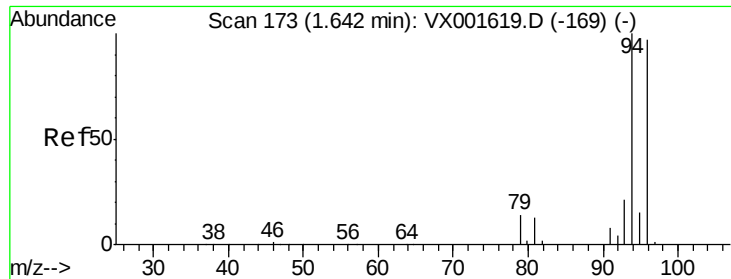
Tgt Ion: 62 Resp: 67864

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 31.16 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 94 Resp: 47474

Ion Ratio Lower Upper

94 100

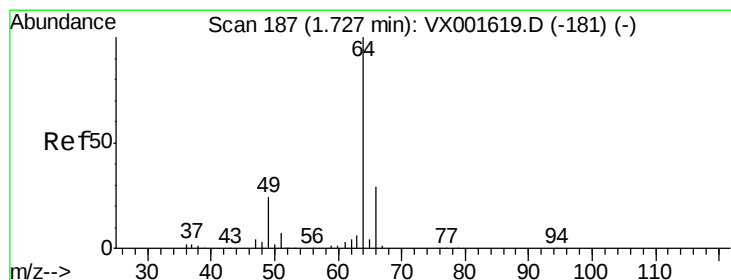
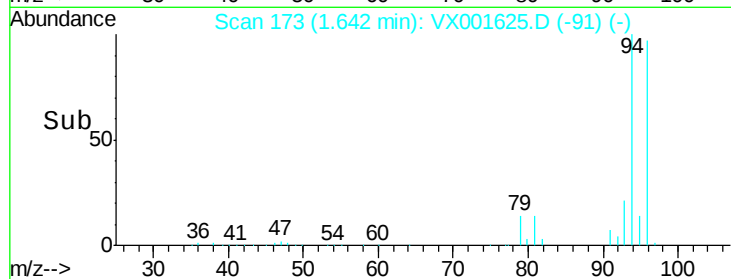
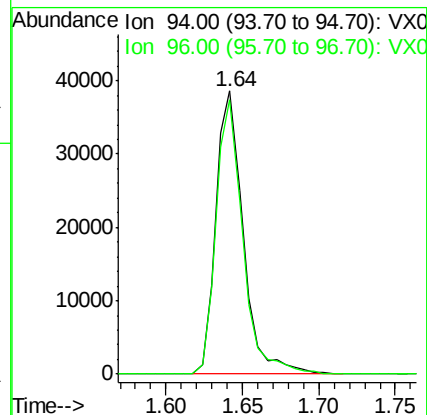
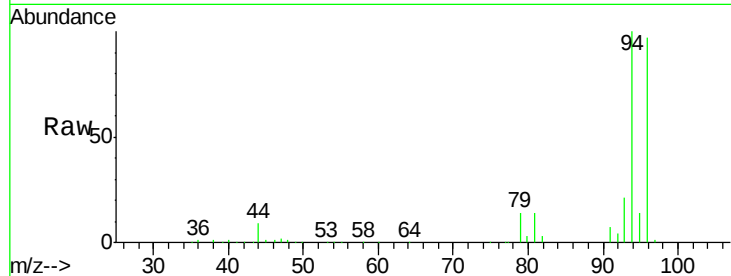
96 97.2 77.8 116.8

Manual Integrations

APPROVED

apatel

5/14/2018 3:57:46 PM



#6

Chloroethane

Concen: 22.35 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001625.D

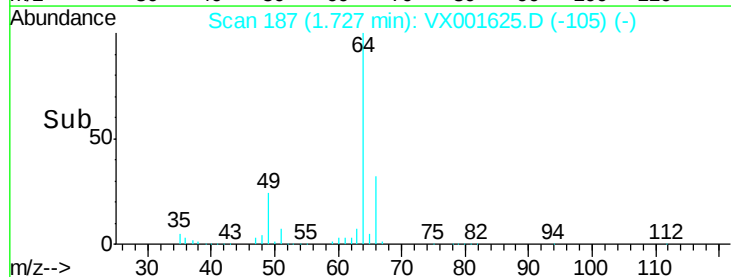
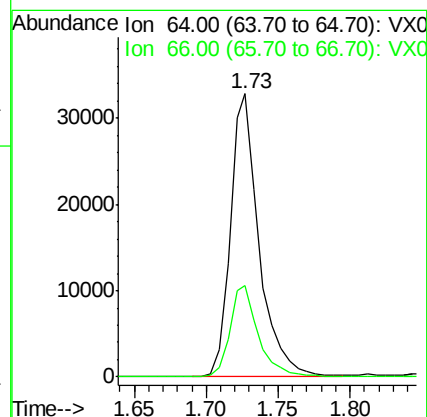
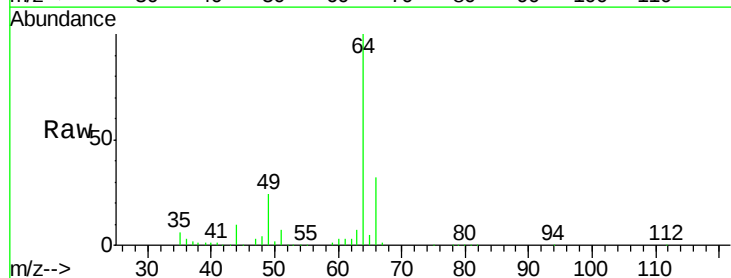
Acq: 11 May 2018 02:35

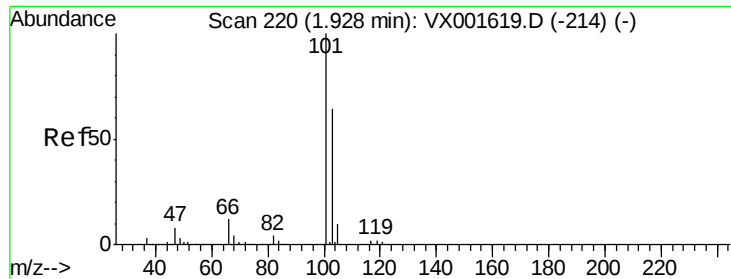
Tgt Ion: 64 Resp: 45856

Ion Ratio Lower Upper

64 100

66 32.5 23.4 35.2





#7

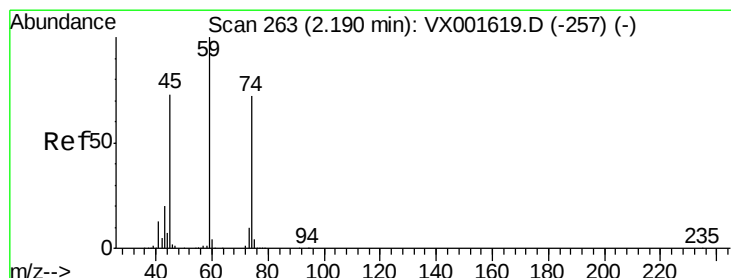
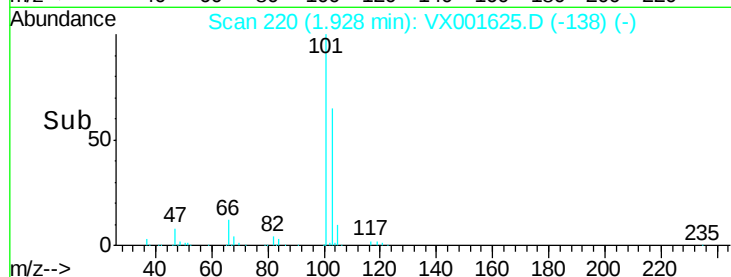
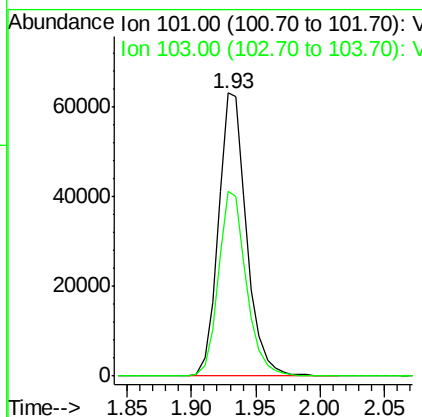
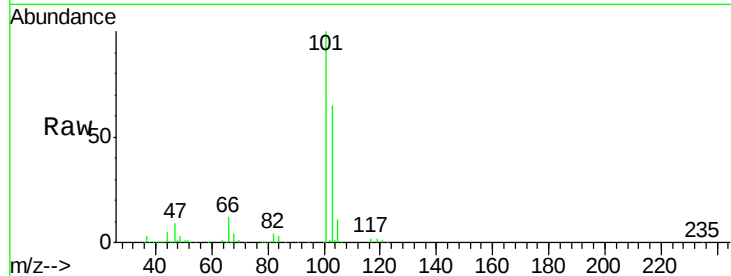
Trichlorofluoromethane
 Concen: 21.80 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.4	77.0

Manual Integrations
 APPROVED

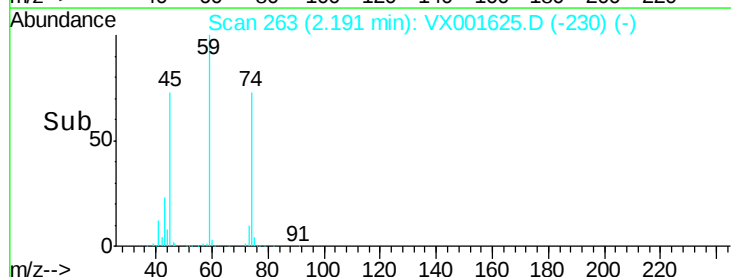
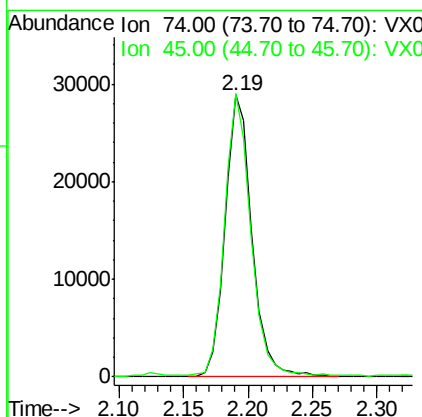
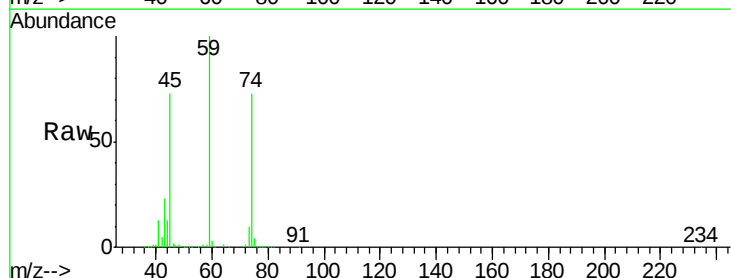
apatel
 5/14/2018 3:57:46 PM

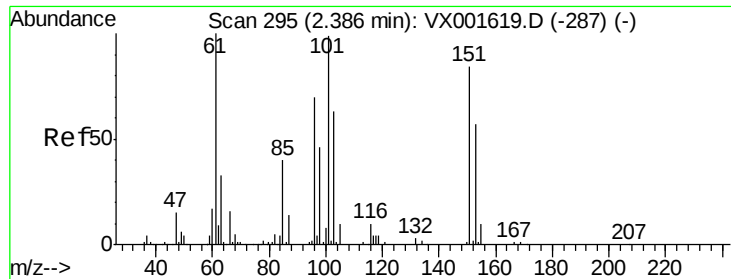


#8

Diethyl Ether
 Concen: 22.03 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	19.4	174.2





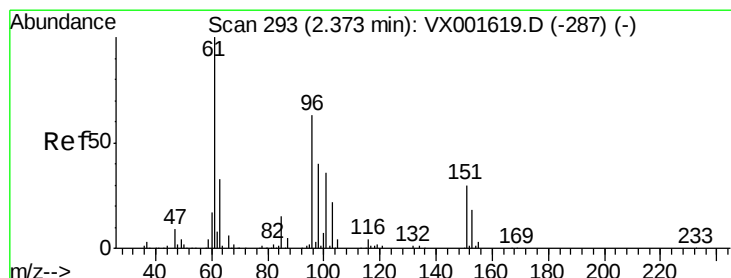
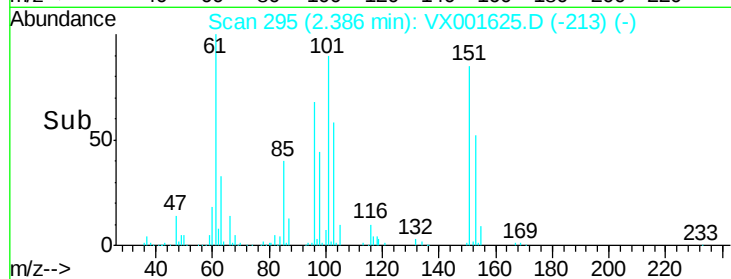
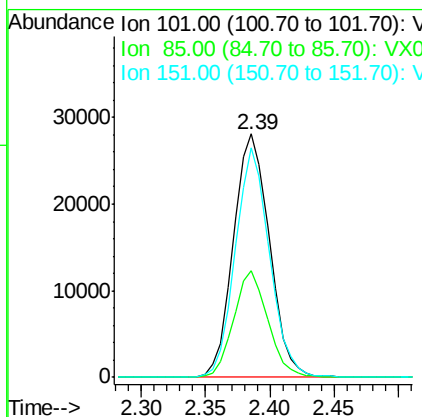
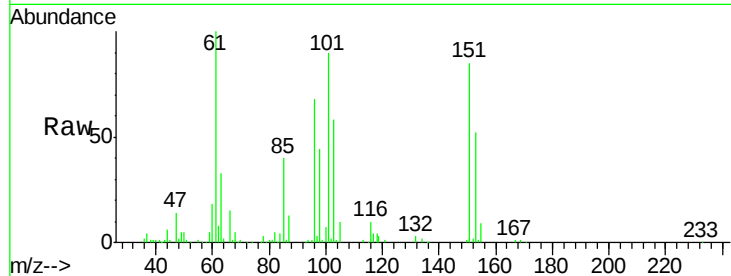
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.20 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	54611		
85	41.5	0.0	84.0	
151	89.4	0.0	176.4	

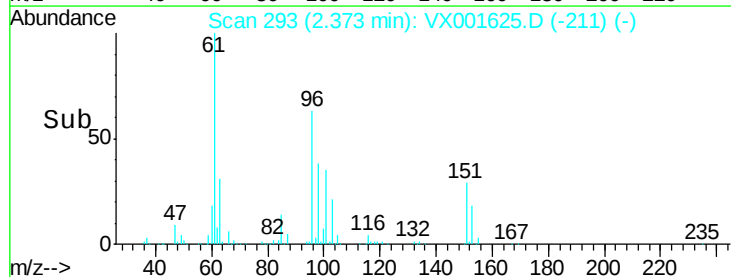
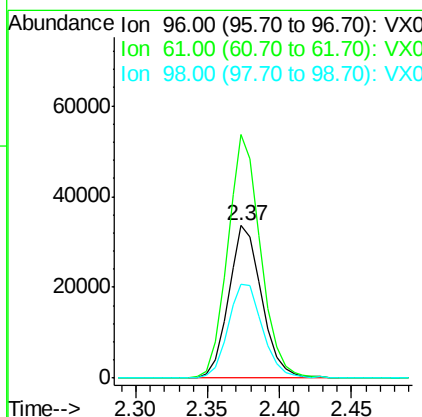
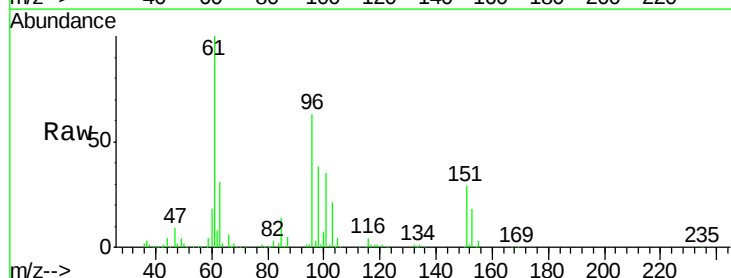
Manual Integrations
 APPROVED

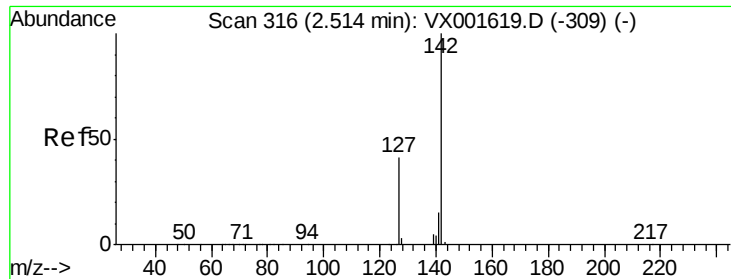
apatel
 5/14/2018 3:57:46 PM



#10
 1,1-Dichloroethene
 Concen: 21.36 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	54079		
61	160.0	126.5	189.7	
98	61.5	50.6	75.8	





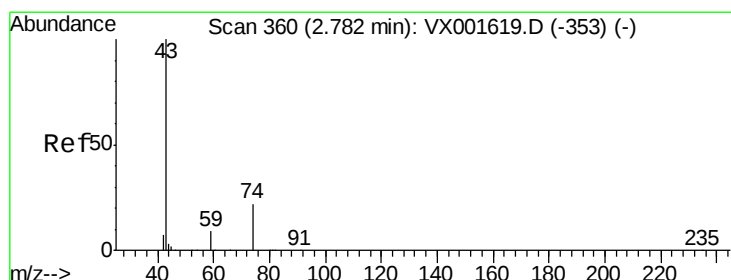
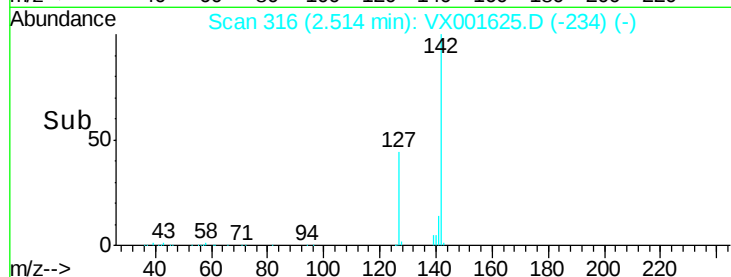
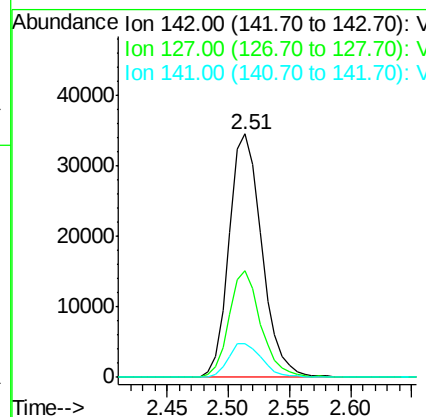
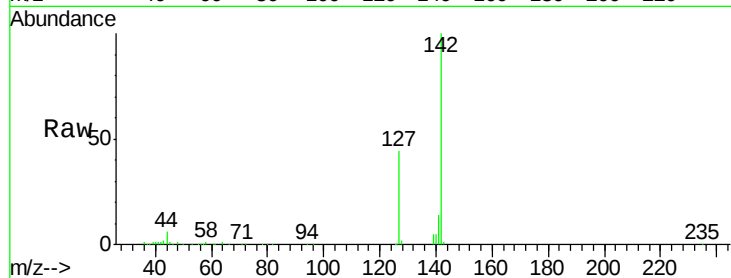
#11
Methyl Iodide
Concen: 17.40 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.7	20.7	62.1
141	14.0	7.4	22.3

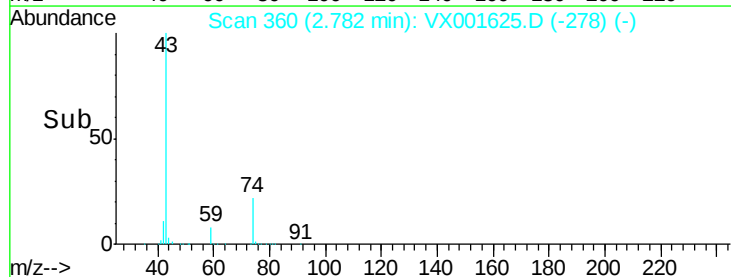
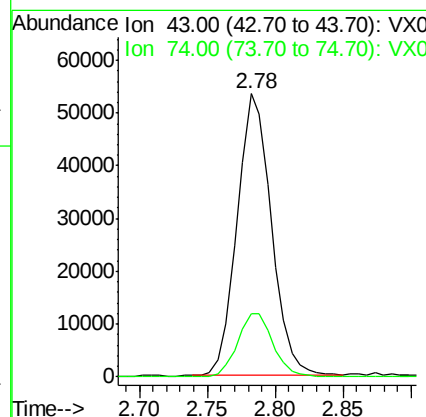
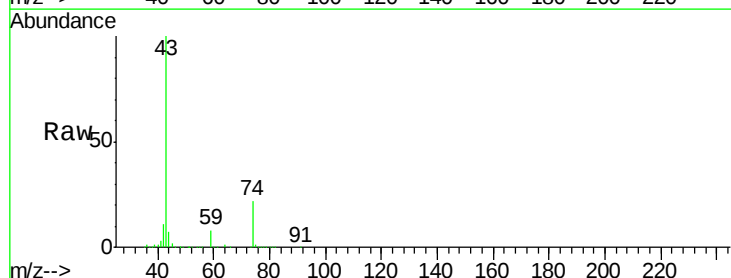
Manual Integrations
APPROVED

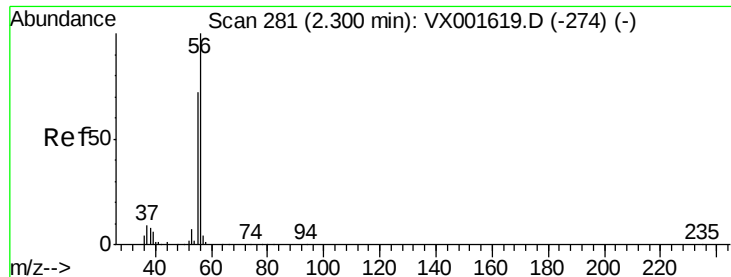
apatel
5/14/2018 3:57:46 PM



#12
Methyl Acetate
Concen: 21.89 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	18.0	27.0





#13

Acrolein

Concen: 97.71 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 56 Resp: 47698

Ion Ratio Lower Upper

56 100

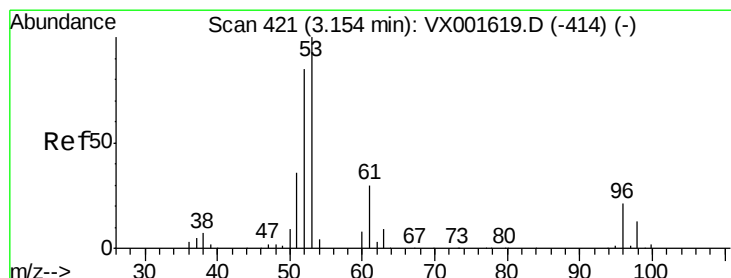
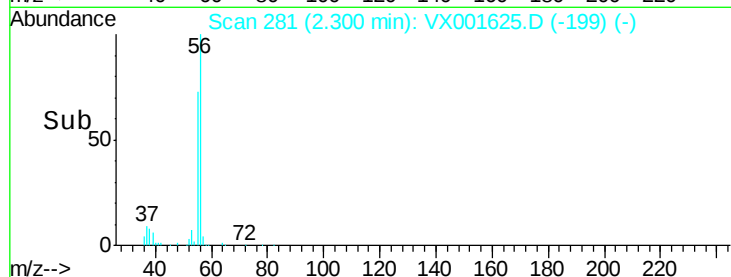
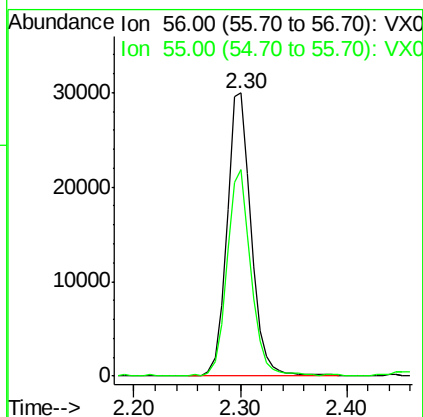
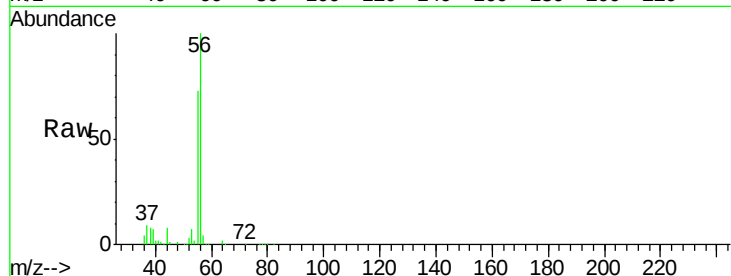
55 70.6 56.9 85.3

Manual Integrations

APPROVED

apatel

5/14/2018 3:57:46 PM



#14

Acrylonitrile

Concen: 109.76 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

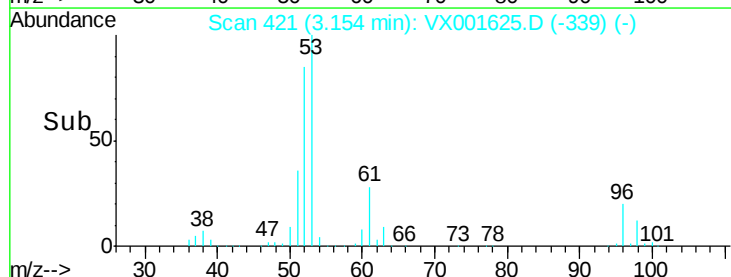
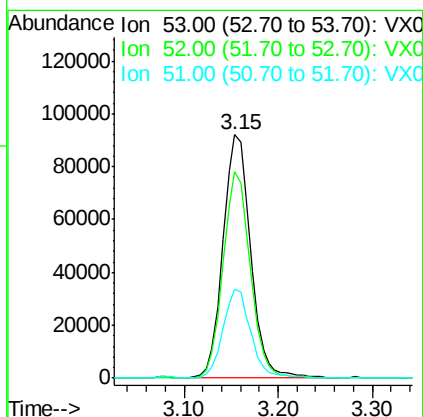
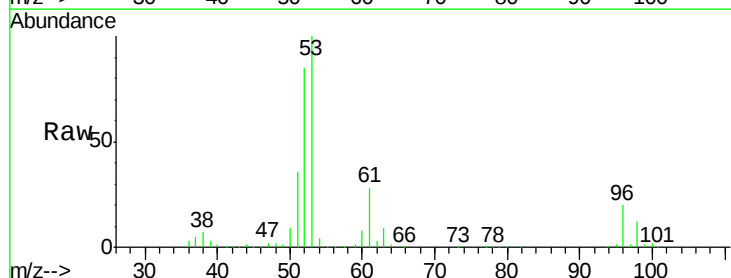
Tgt Ion: 53 Resp: 188760

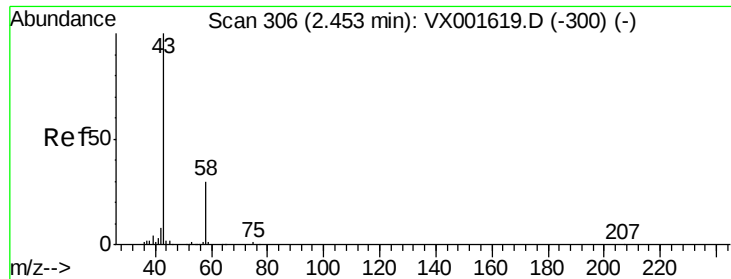
Ion Ratio Lower Upper

53 100

52 83.1 41.3 123.9

51 36.4 18.1 54.3





#15

Acetone

Concen: 110.95 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 58 Resp: 51263

Ion Ratio Lower Upper

58 100

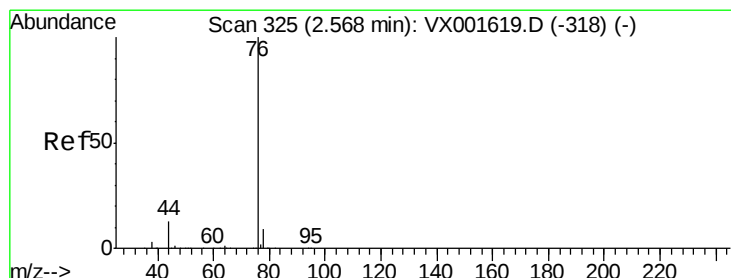
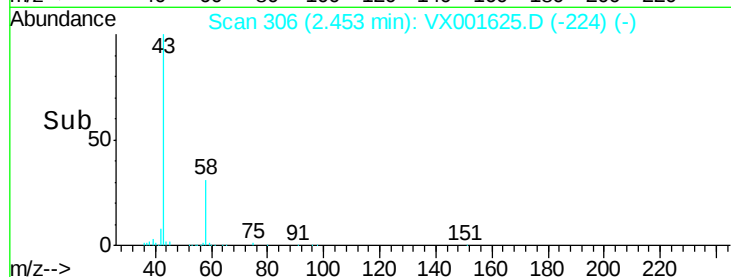
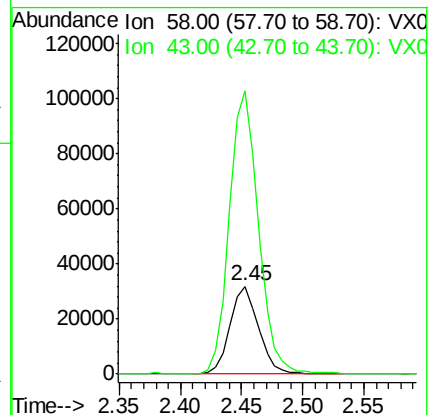
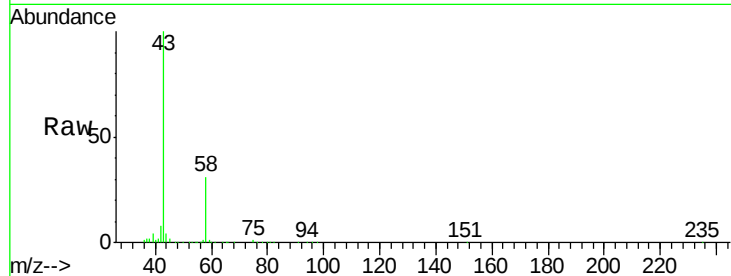
43 321.6 264.2 396.2

Manual Integrations

APPROVED

apatel

5/14/2018 3:57:46 PM



#16

Carbon Disulfide

Concen: 21.12 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001625.D

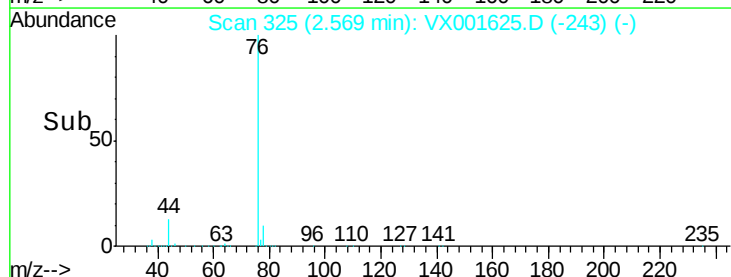
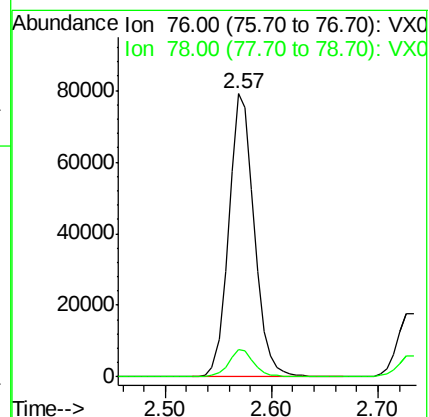
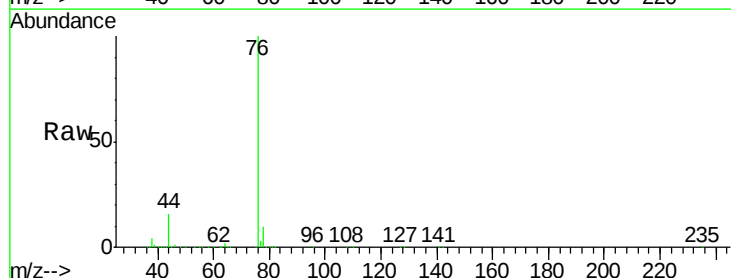
Acq: 11 May 2018 02:35

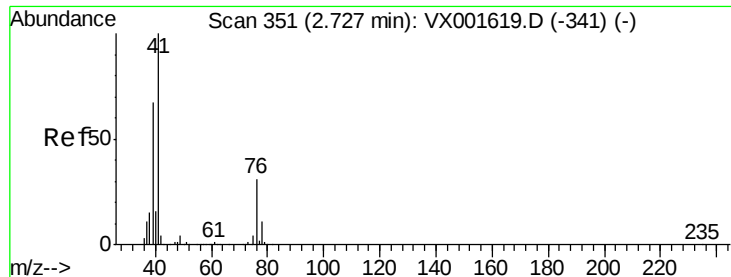
Tgt Ion: 76 Resp: 132458

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9





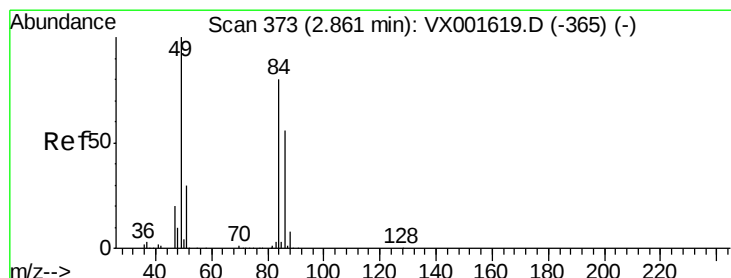
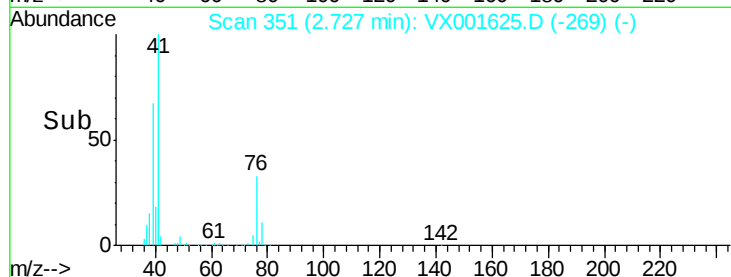
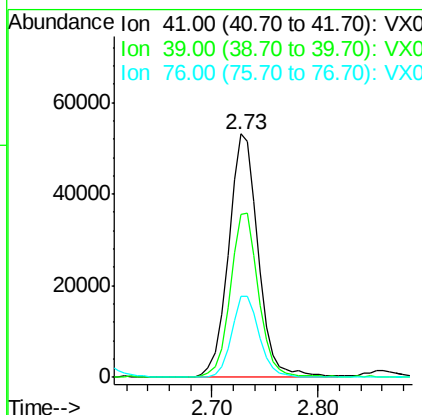
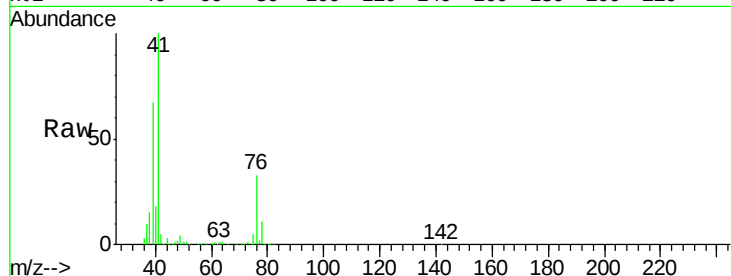
#17
Allvl chloride
Concen: 21.22 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.9	33.7	101.1
76	33.0	15.4	46.4

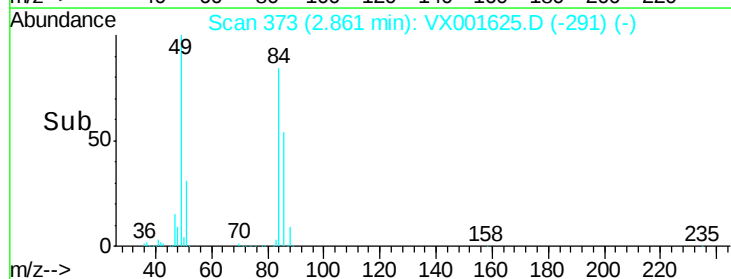
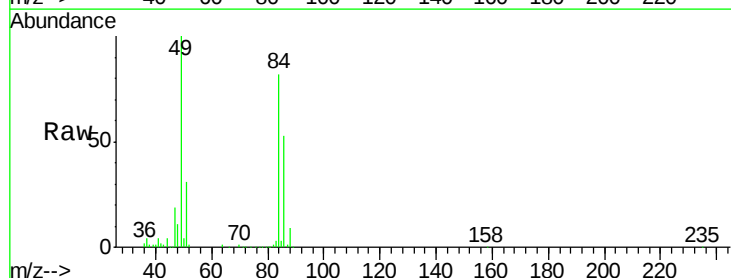
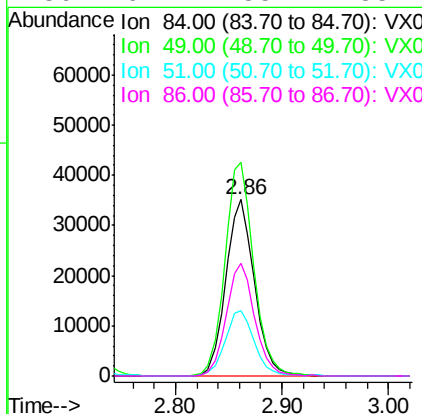
Manual Integrations
APPROVED

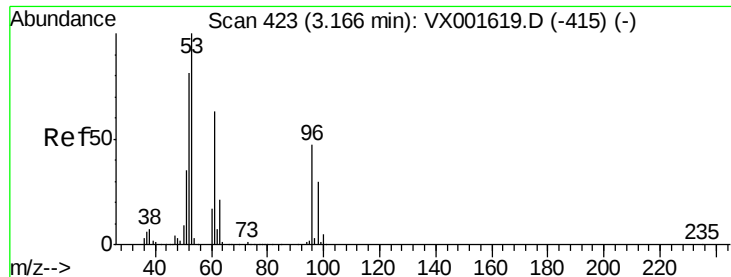
apatel
5/14/2018 3:57:46 PM



#18
Methylene Chloride
Concen: 22.12 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.3	99.5	149.3
51	37.1	30.1	45.1
86	64.2	55.4	83.2





#19

trans-1,2-Dichloroethene

Concen: 21.54 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

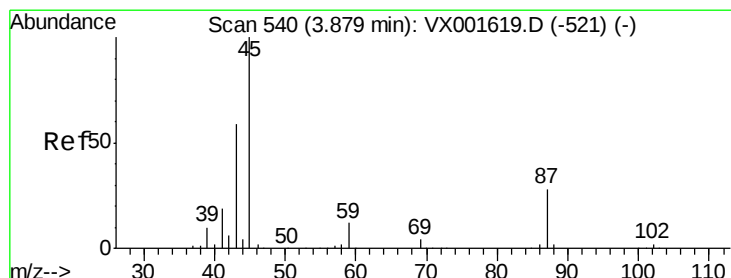
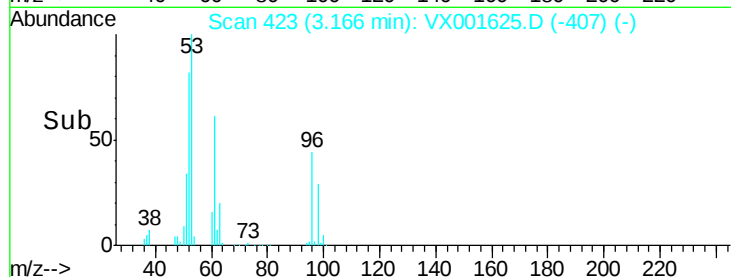
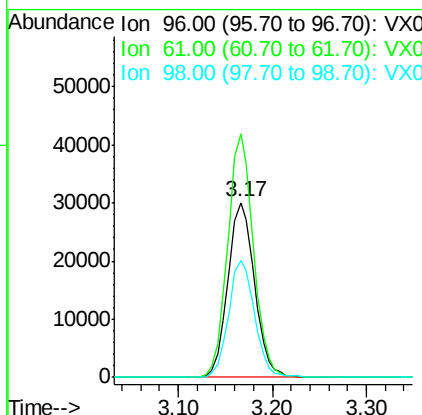
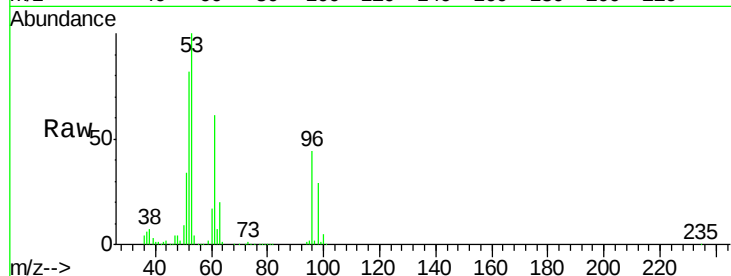
ClientSampleId :

VX0510WBS01

Tot Ion:	96	Resp:	59201
Ion	Ratio	Lower	Upper
96	100		
61	139.4	107.7	161.5
98	67.0	51.6	77.4

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:46 PM



#20

Diisopropyl ether

Concen: 21.89 ug/l

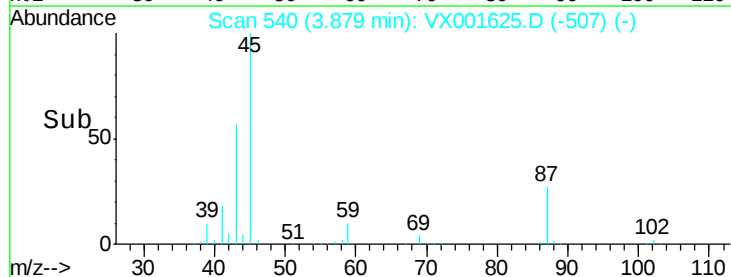
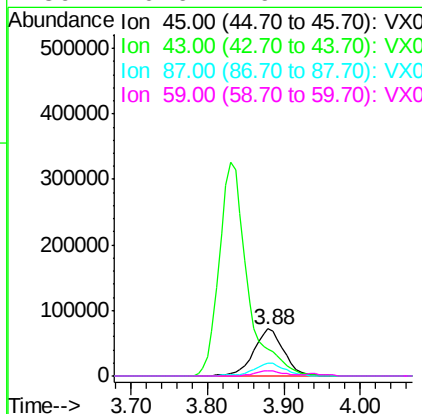
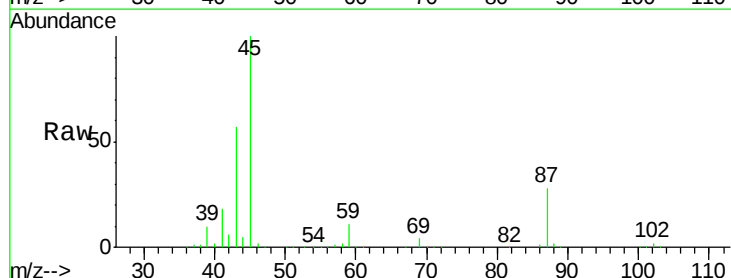
RT: 3.88 min Scan# 540

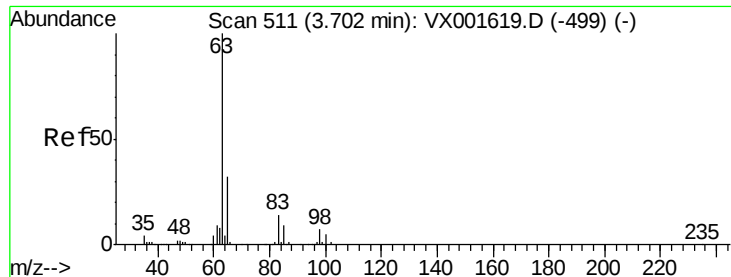
Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Tgt Ion:	45	Resp:	197528
Ion	Ratio	Lower	Upper
45	100		
43	57.1	47.5	71.3
87	27.6	22.2	33.4
59	10.6	9.4	14.2





#21

1,1-Dichloroethane

Concen: 21.86 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

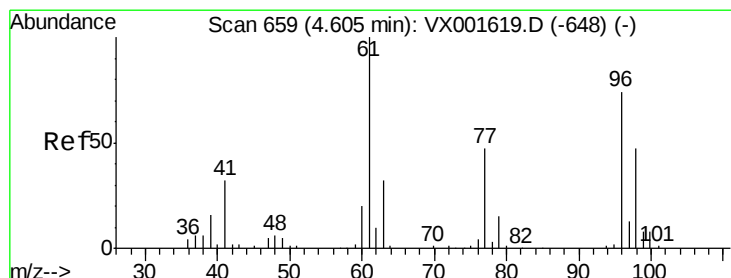
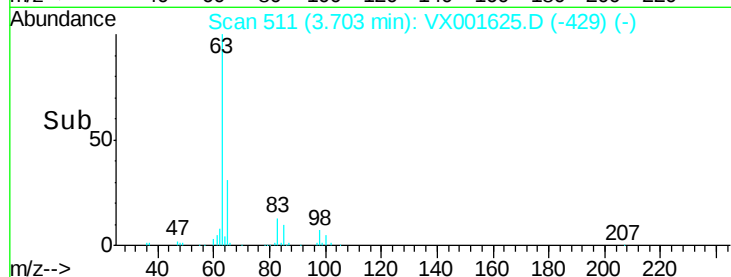
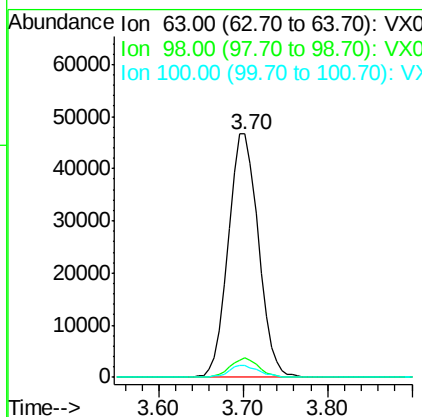
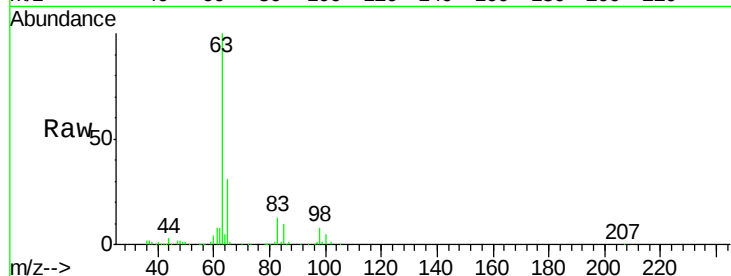
ClientSampleId :

VX0510WBS01

Tot Ion:	63	Resp:	113437
Ion Ratio	Lower	Upper	
63	100		
98	8.1	3.5	10.5
100	5.1	2.5	7.4

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:46 PM



#22

cis-1,2-Dichloroethene

Concen: 21.45 ug/l

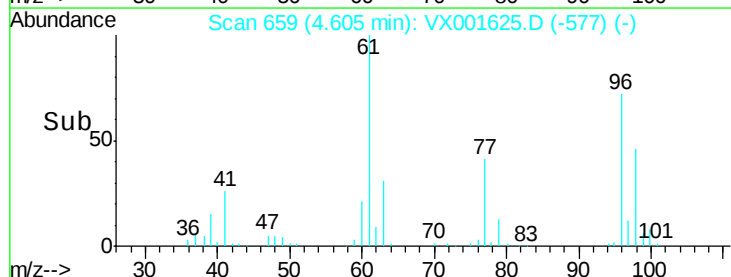
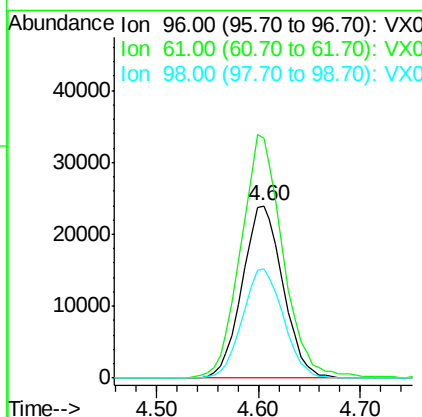
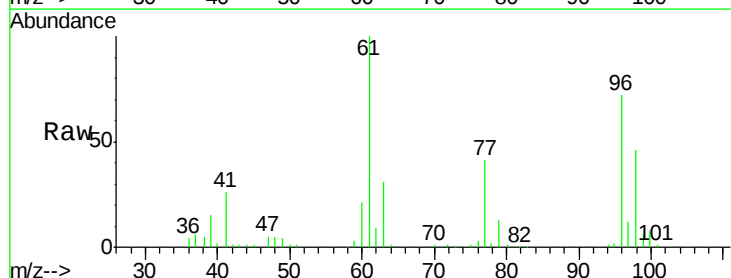
RT: 4.60 min Scan# 659

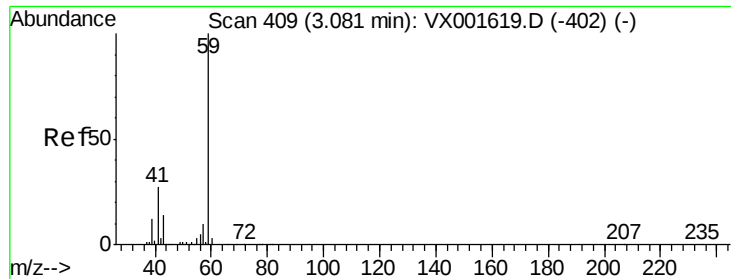
Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Tgt Ion:	96	Resp:	66460
Ion Ratio	Lower	Upper	
96	100		
61	145.1	117.3	175.9
98	63.8	51.2	76.8





#23

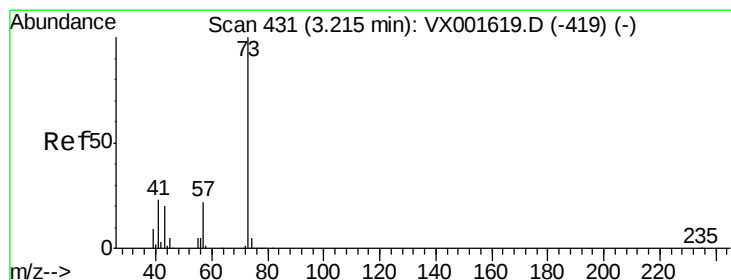
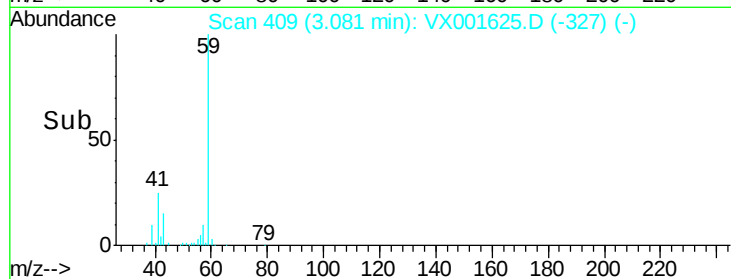
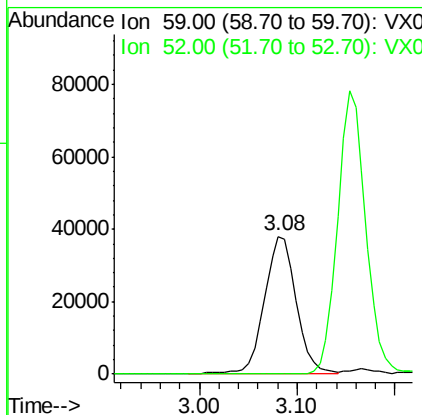
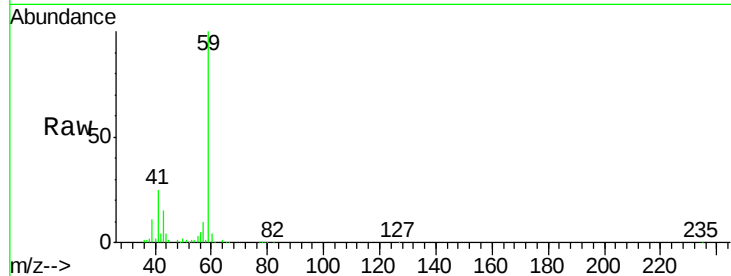
tert-Butyl Alcohol
 Concen: 112.71 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion: 59 Resp: 86242
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2#

Manual Integrations
 APPROVED

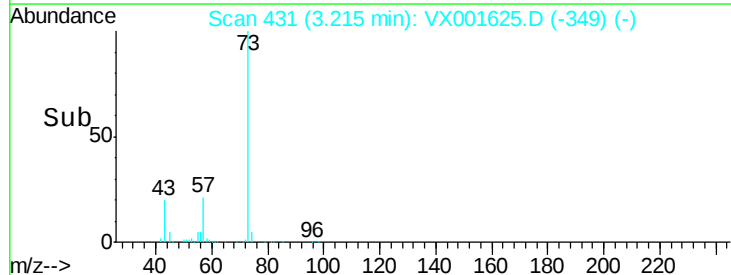
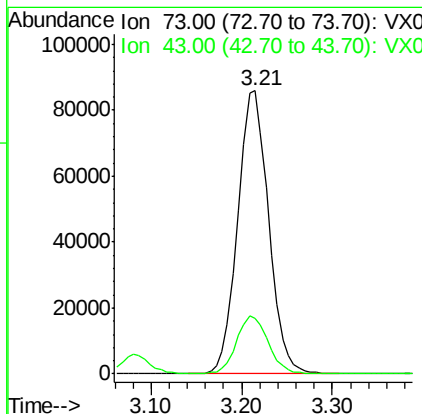
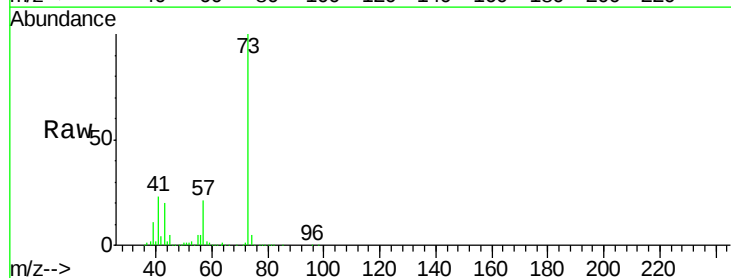
apatel
 5/14/2018 3:57:46 PM

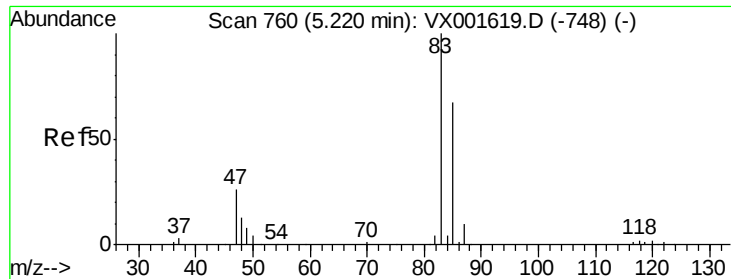


#24

Methyl tert-Butyl Ether
 Concen: 22.05 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 73 Resp: 202856
 Ion Ratio Lower Upper
 73 100
 43 20.5 16.3 24.5





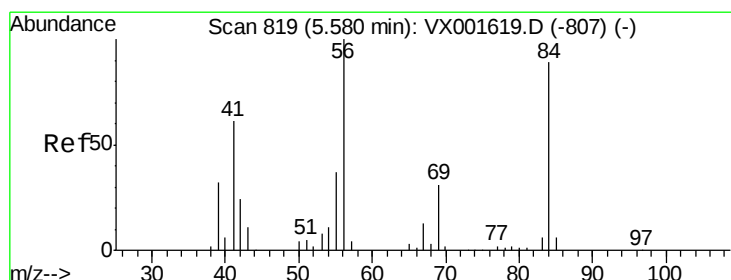
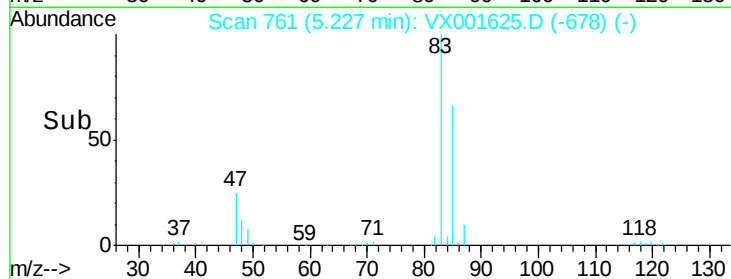
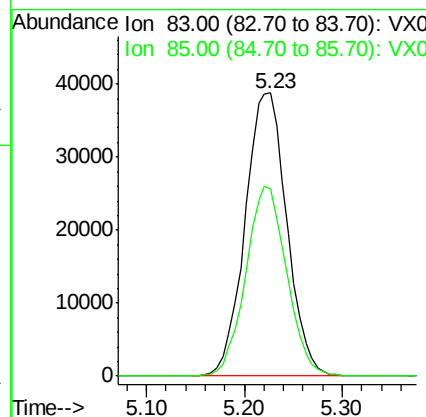
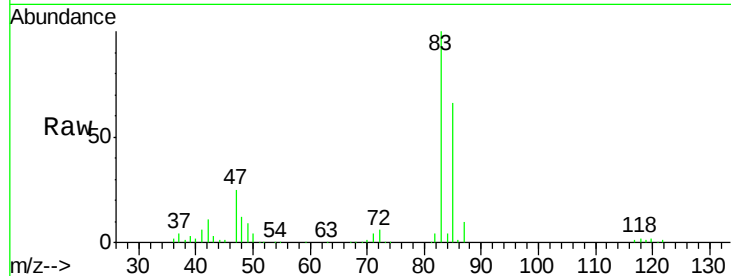
#25
Chloroform
Concen: 21.55 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	83	Resp	115225
Ion Ratio	100	Lower	Upper
85	66.3	53.9	80.9

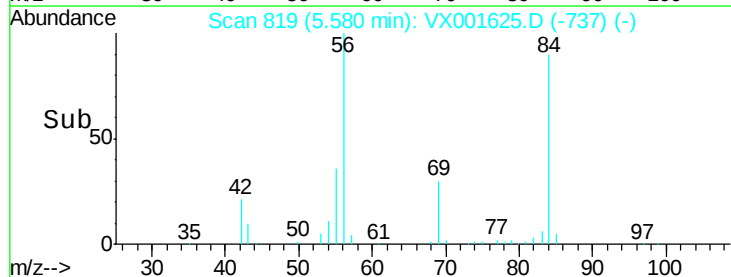
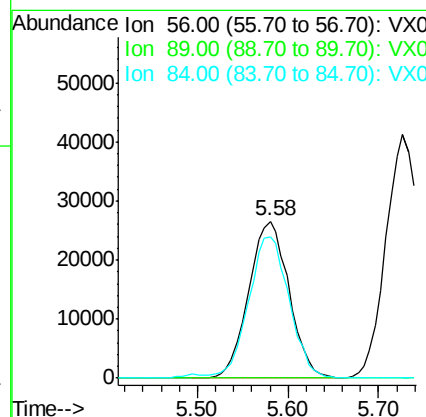
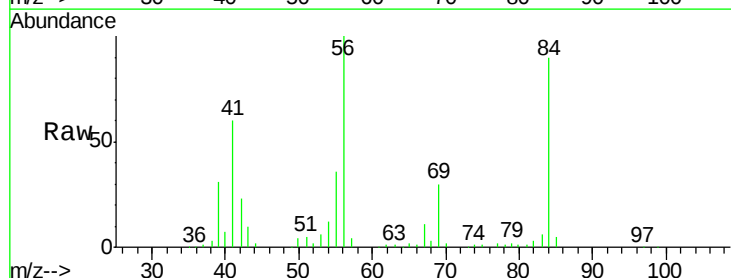
Manual Integrations
APPROVED

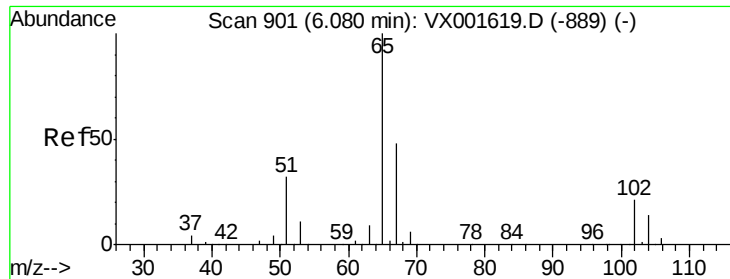
apatel
5/14/2018 3:57:46 PM



#26
Cyclohexane
Concen: 21.55 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	56	Resp	81582
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	91.2	72.2	108.4





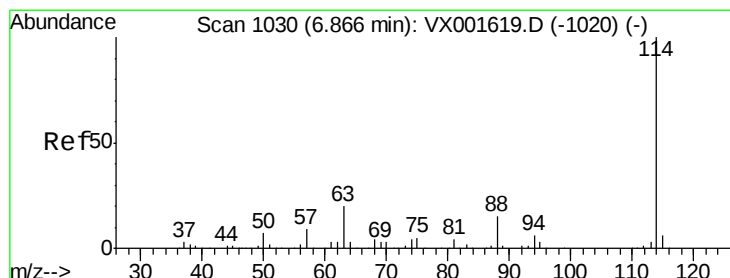
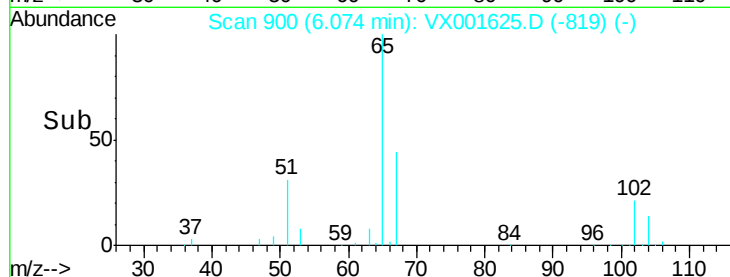
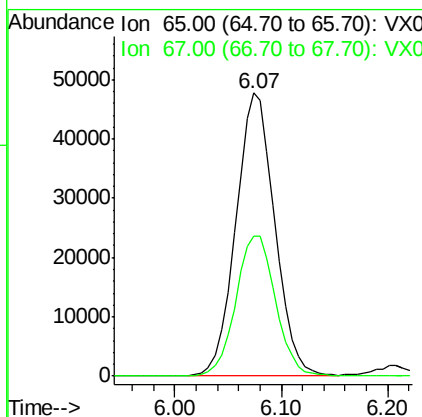
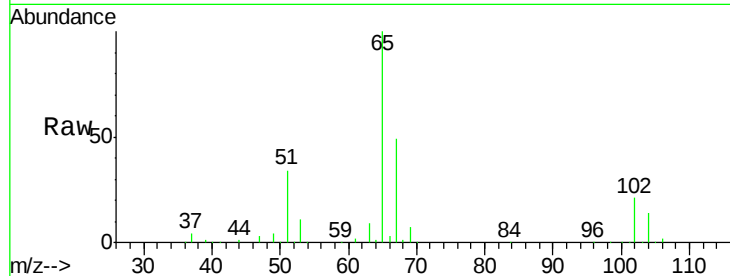
#27
 1,2-Dichloroethane-d4
 Concen: 30.63 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Instrument :
 MSVOA_X
 ClientSampled :
 VX0510WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.5	40.2	60.2

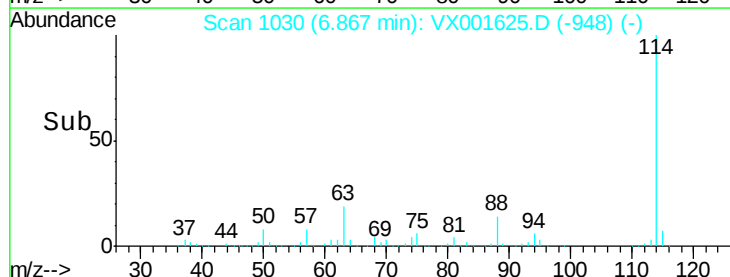
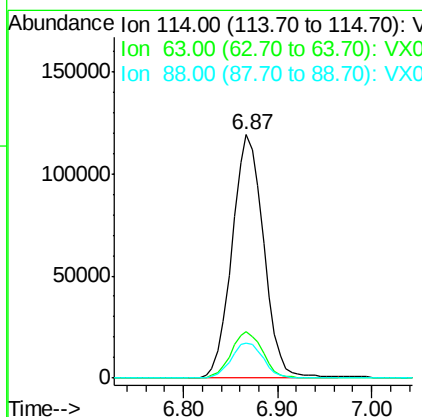
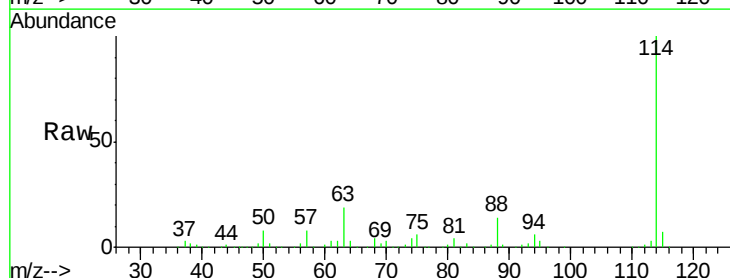
Manual Integrations
 APPROVED

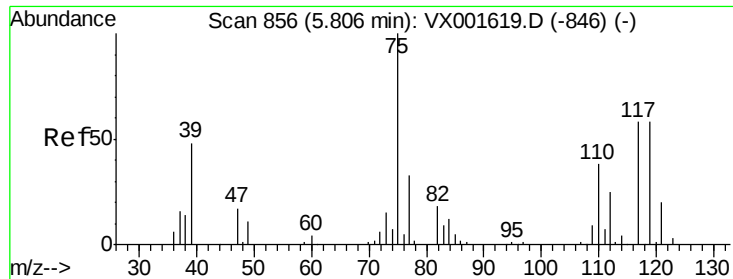
apatel
 5/14/2018 3:57:46 PM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	15.5	23.3
88	14.9	12.2	18.4





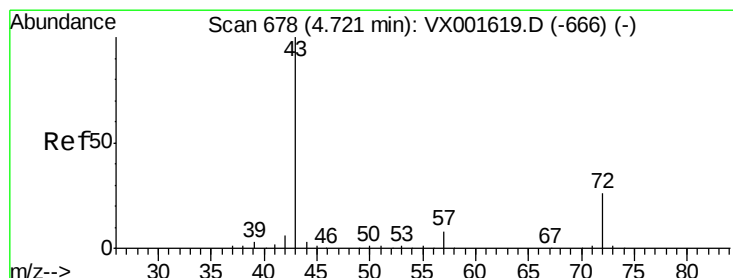
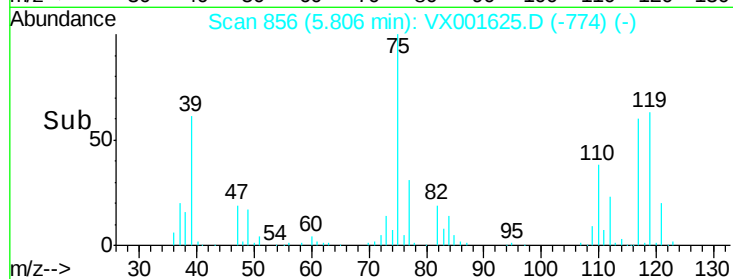
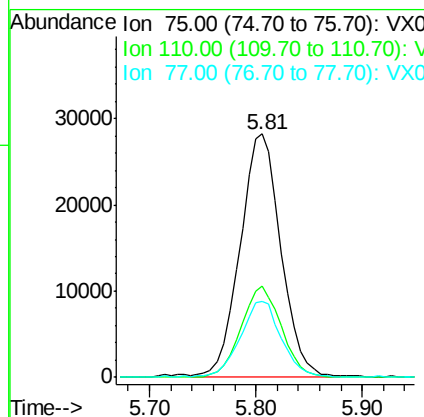
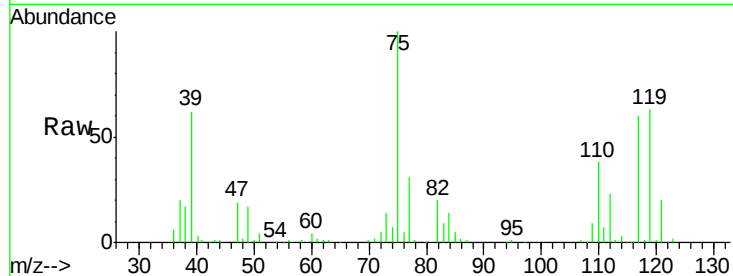
#29
 1,1-Dichloropropene
 Concen: 21.70 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.0	0.0	74.6
77	30.7	0.0	62.4

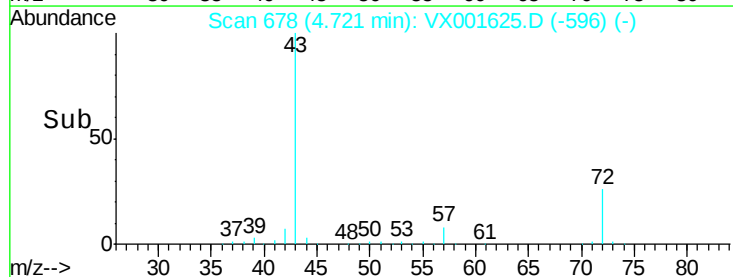
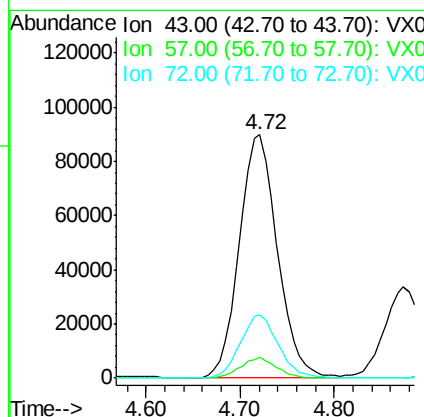
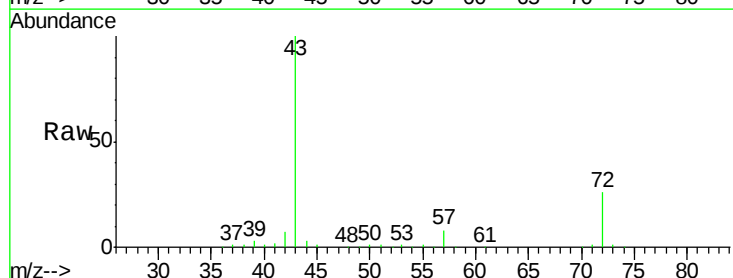
Manual Integrations
 APPROVED

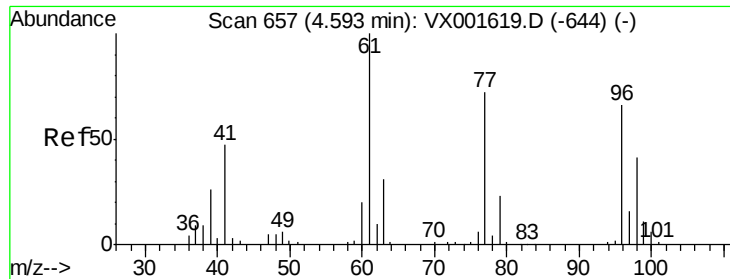
apatel
 5/14/2018 3:57:46 PM



#30
 2-Butanone
 Concen: 110.04 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.3	9.5
72	25.9	20.2	30.4





#31

2,2-Dichloropropane

Concen: 19.02 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 77 Resp: 57278

Ion Ratio Lower Upper

77 100

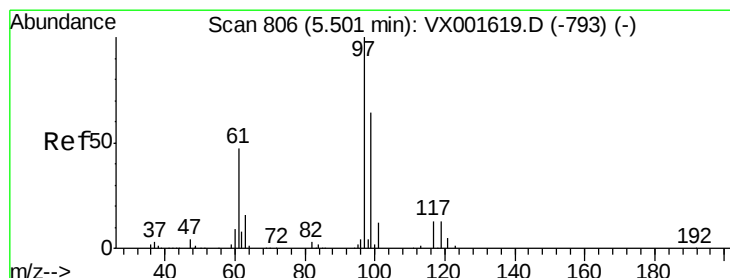
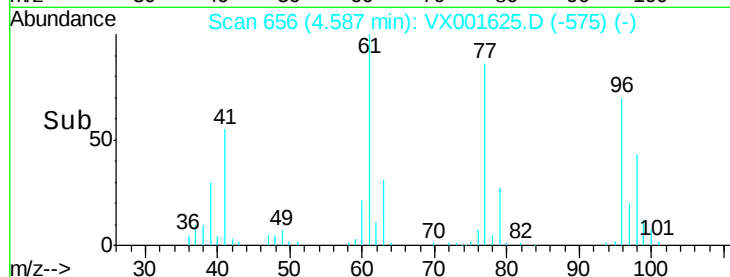
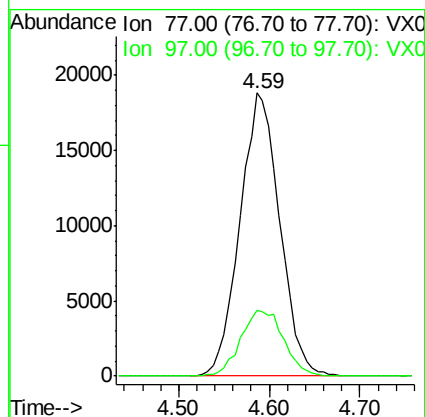
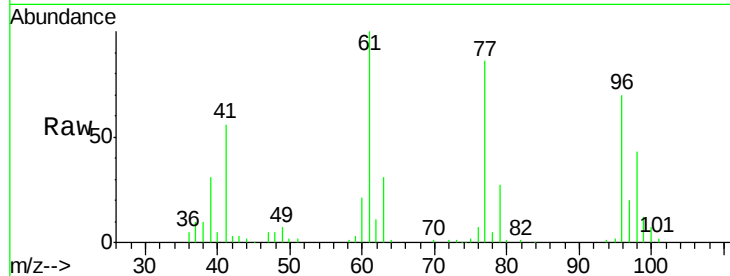
97 24.9 19.3 28.9

Manual Integrations

APPROVED

apatel

5/14/2018 3:57:46 PM



#32

1,1,1-Trichloroethane

Concen: 21.73 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

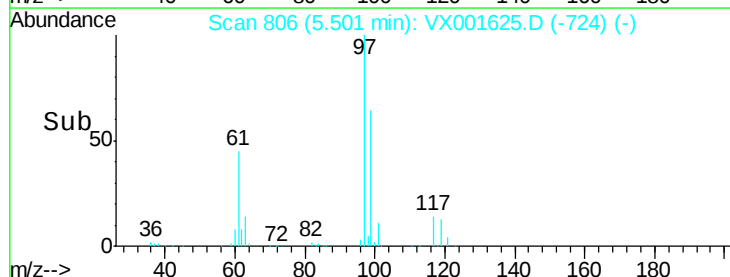
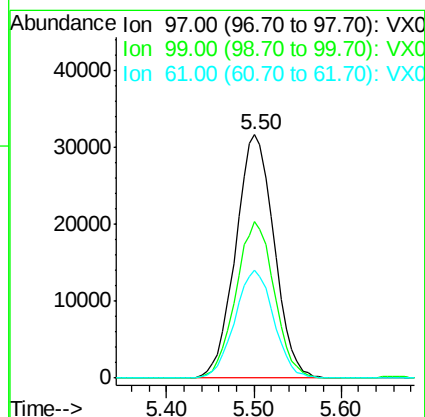
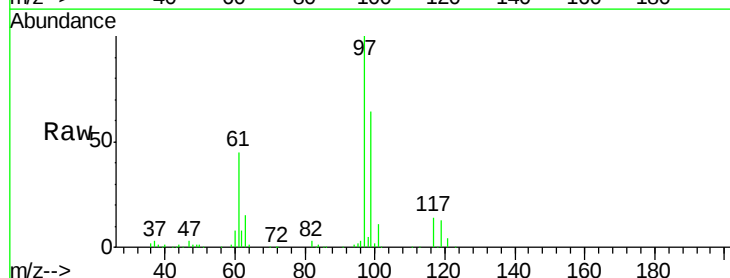
Tgt Ion: 97 Resp: 96828

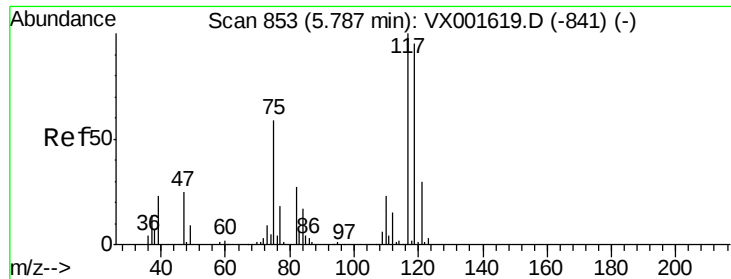
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 44.8 35.6 53.4





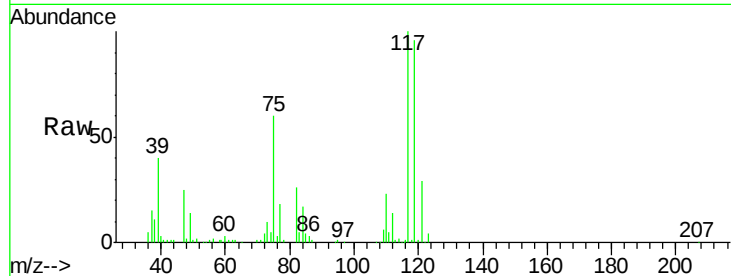
#33
Carbon Tetrachloride
Concen: 21.36 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

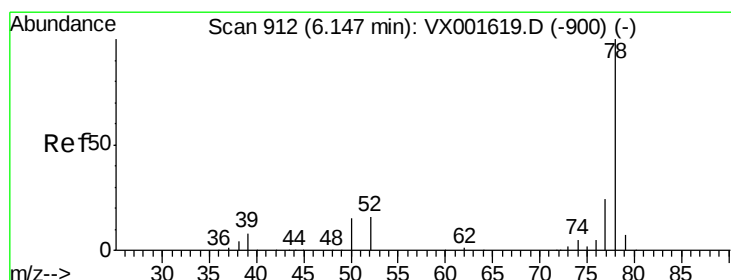
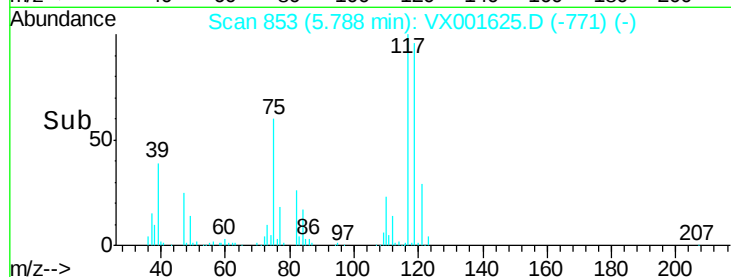
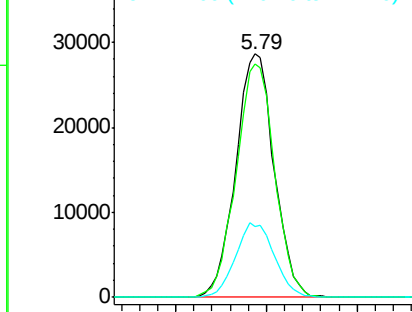
Tot Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.7	113.5
121	28.8	24.3	36.5

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:46 PM

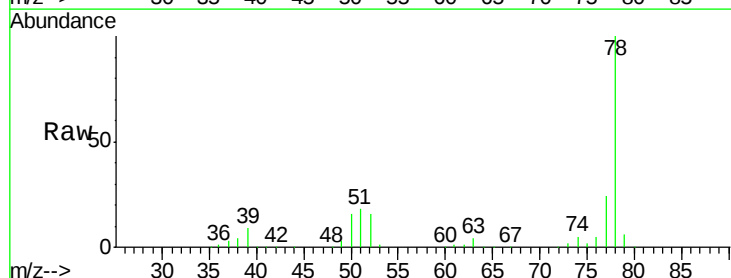


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

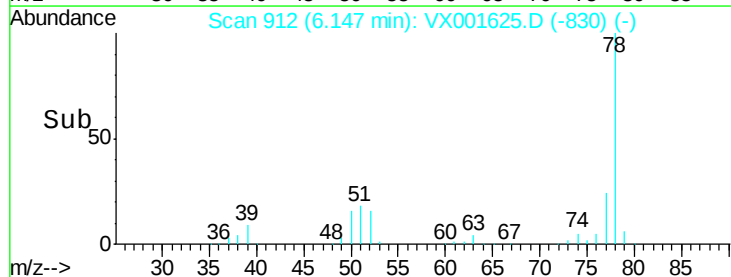
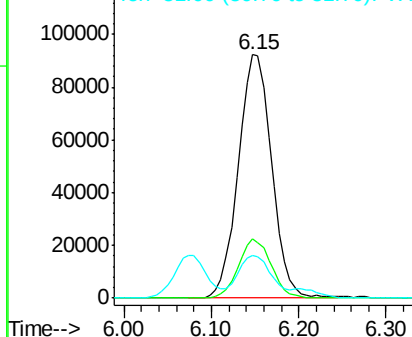


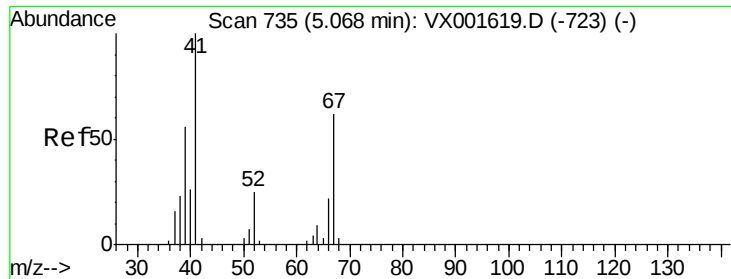
#34
Benzene
Concen: 21.89 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2
51	17.3	13.5	20.3



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0





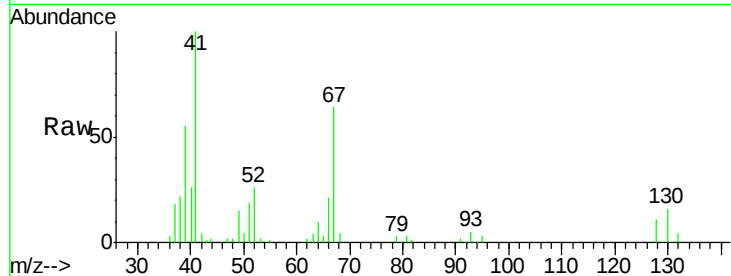
#35
Methacrylonitrile
Concen: 21.61 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

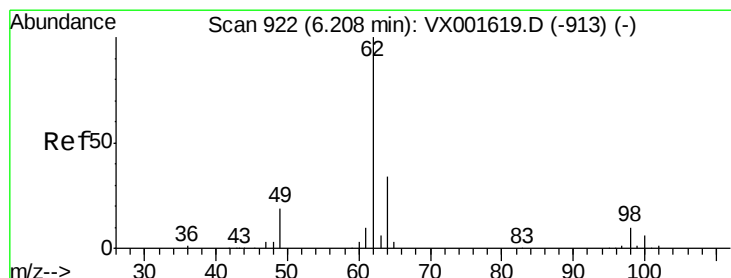
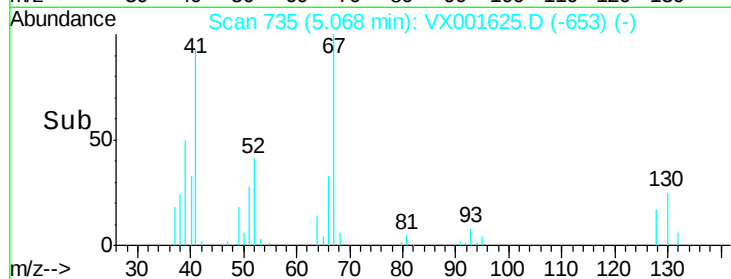
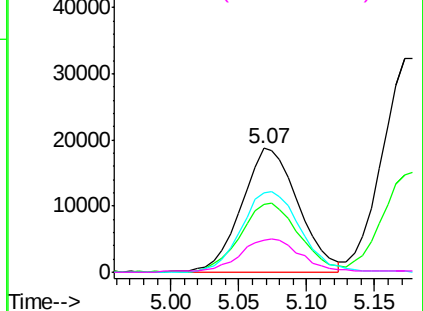
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	27.9	83.6	
67	64.3	30.9	92.5	
52	25.0	12.6	37.8	

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:46 PM

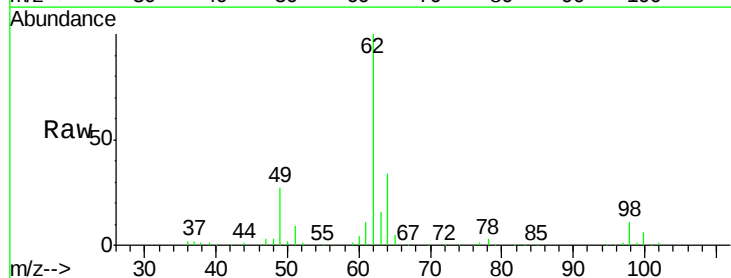


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

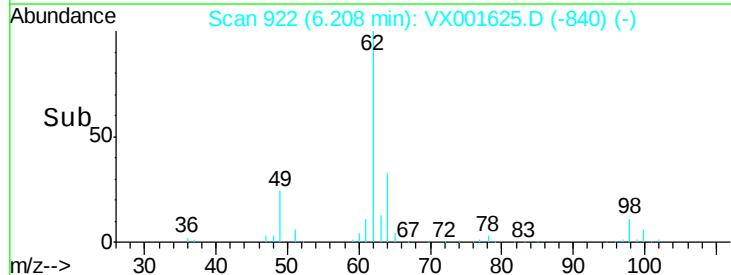
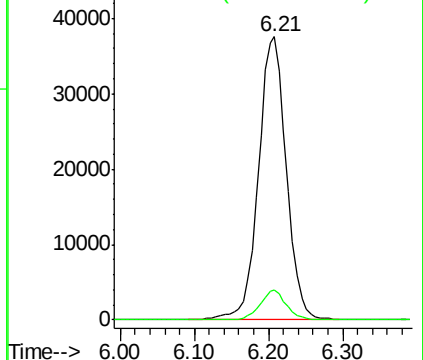


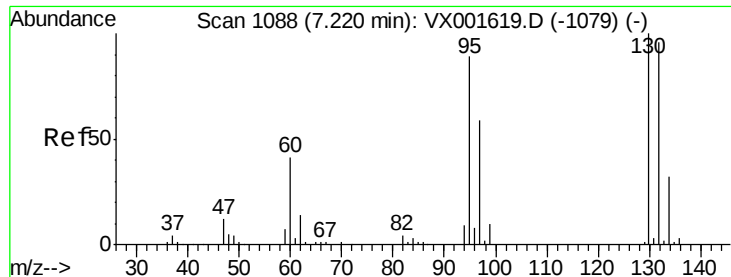
#36
1,2-Dichloroethane
Concen: 22.21 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	7.7	11.5	



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





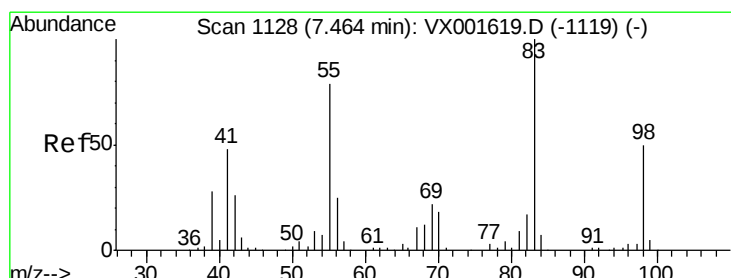
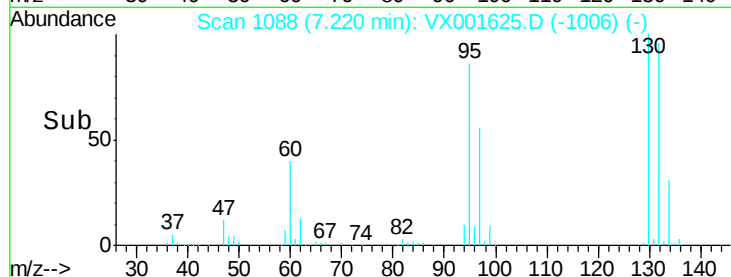
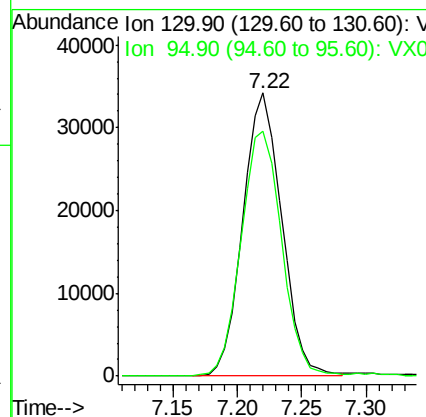
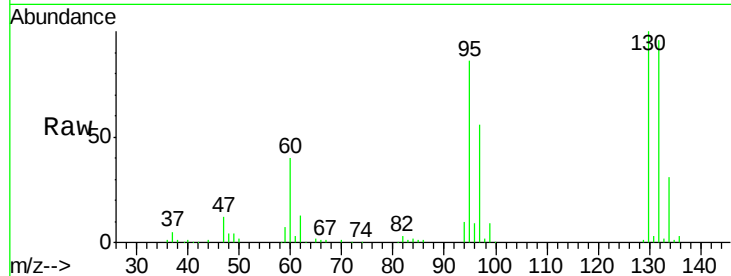
#37
 Trichloroethene
 Concen: 21.66 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion:130 Resp: 71492
 Ion Ratio Lower Upper
 130 100
 95 86.4 71.4 107.2

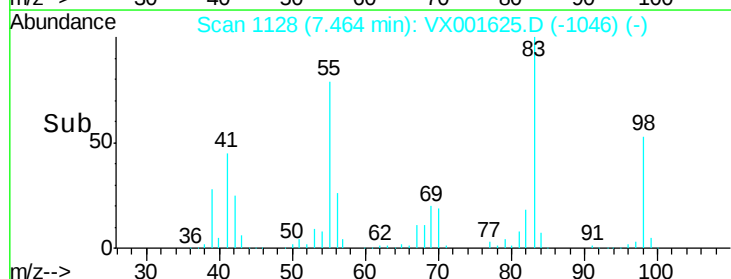
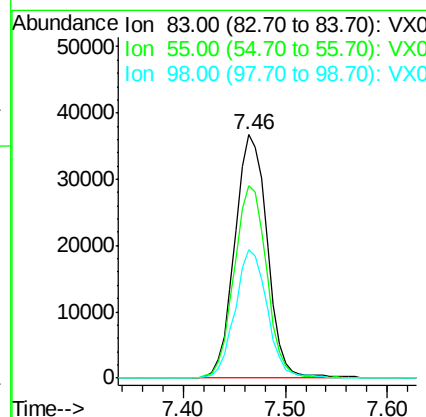
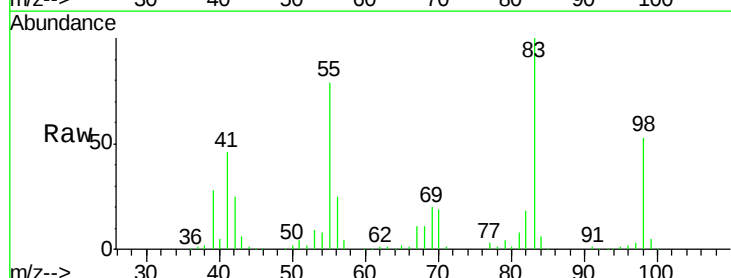
Manual Integrations
 APPROVED

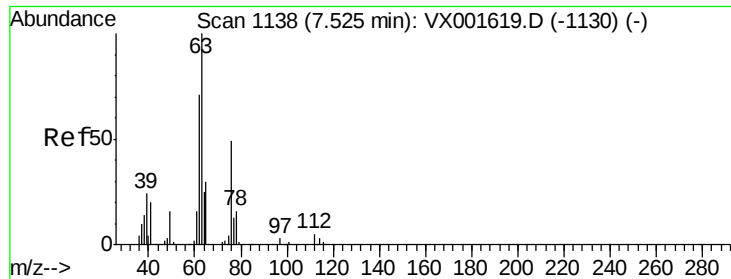
apatel
 5/14/2018 3:57:46 PM



#38
 Methylcyclohexane
 Concen: 21.67 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion: 83 Resp: 81169
 Ion Ratio Lower Upper
 83 100
 55 78.3 39.6 118.7
 98 51.6 25.0 75.0





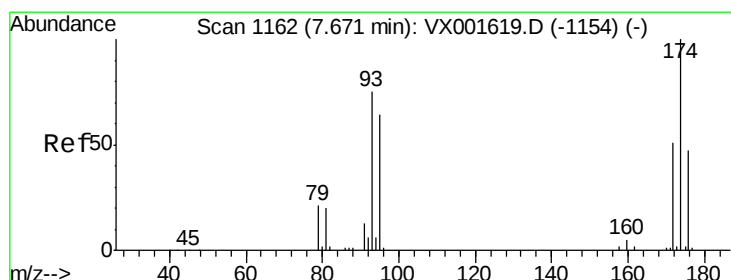
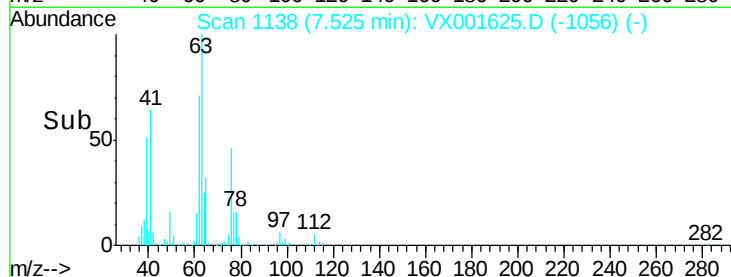
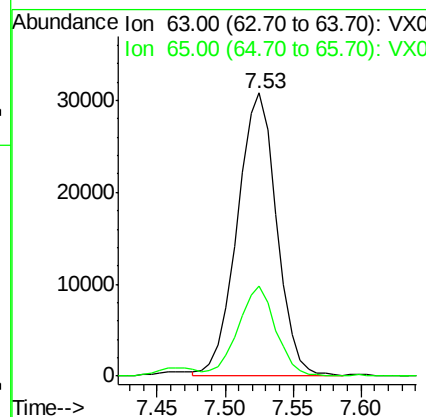
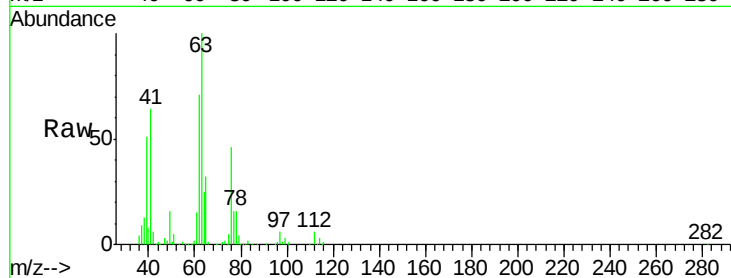
#39
 1,2-Dichloropropane
 Concen: 22.23 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.3	37.9

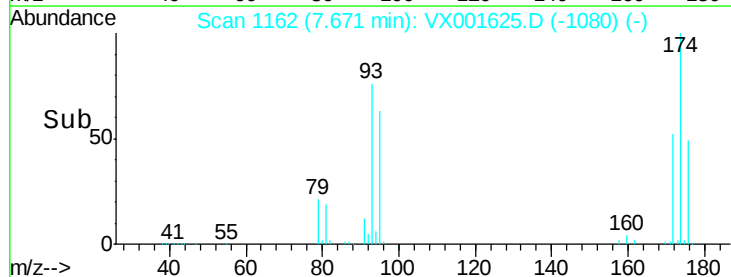
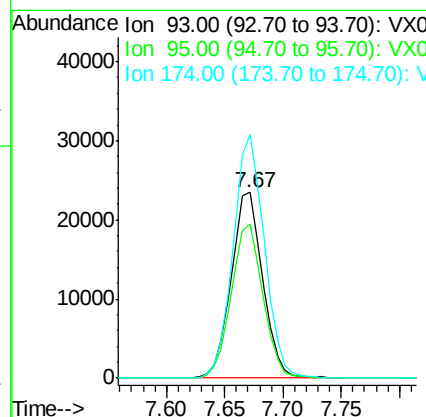
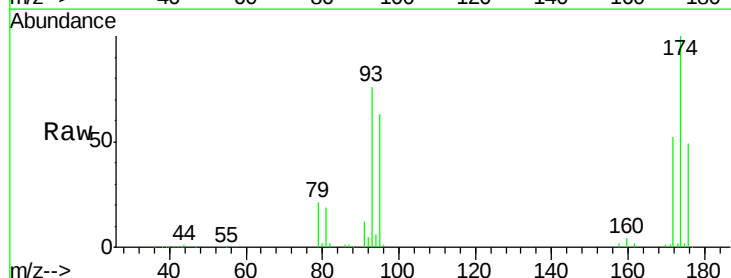
Manual Integrations
 APPROVED

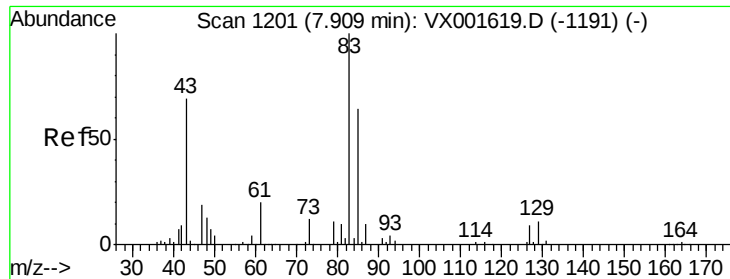
apatel
 5/14/2018 3:57:46 PM



#40
 Dibromomethane
 Concen: 22.08 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	0.0	166.2
174	129.5	0.0	259.2





#41

Bromodichloromethane

Concen: 21.37 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

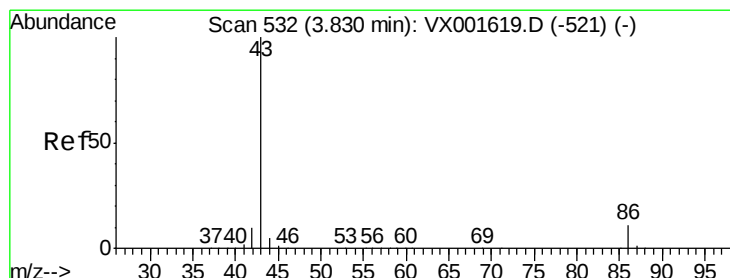
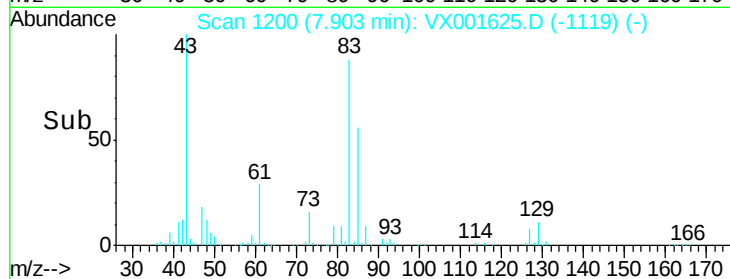
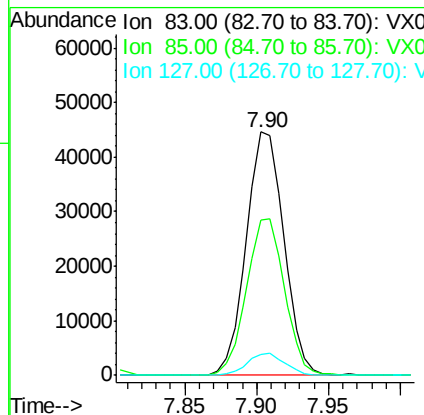
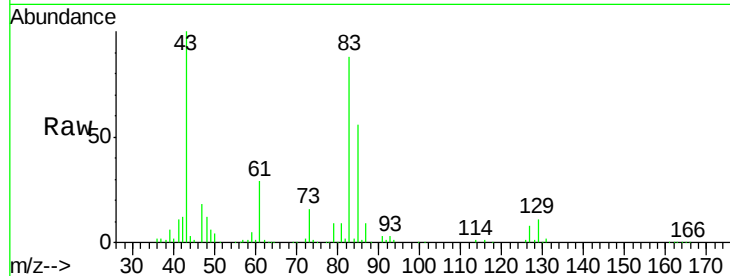
ClientSampleId :

VX0510WBS01

Tot Ion:	83	Resp:	80904
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.3	76.9
127	8.8	7.5	11.3

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:46 PM



#42

Vinyl Acetate

Concen: 109.76 ug/l

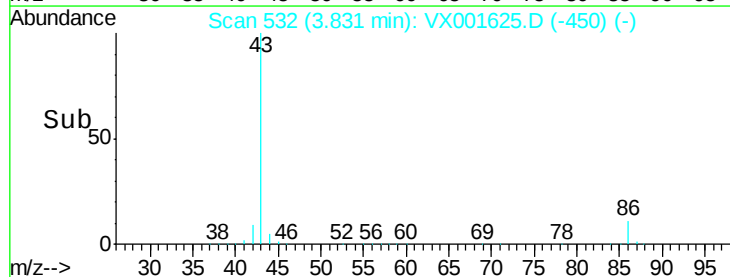
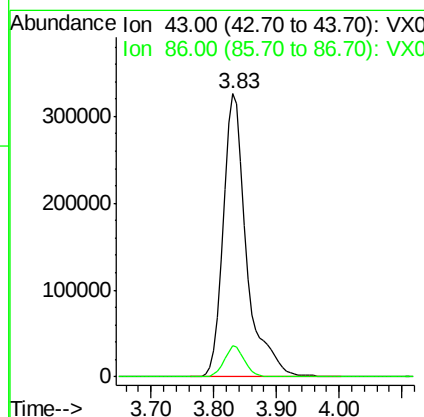
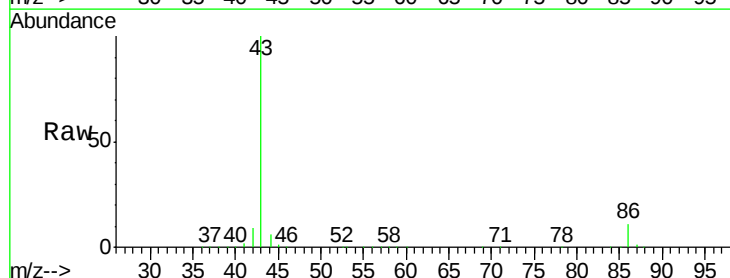
RT: 3.83 min Scan# 532

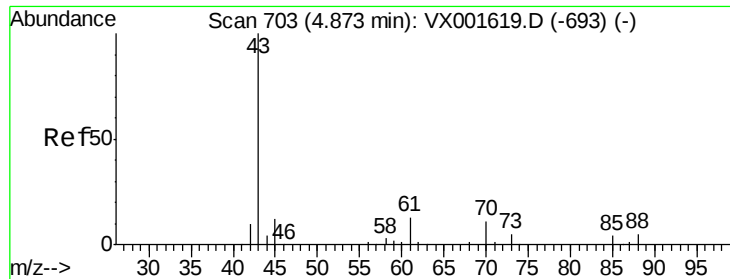
Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Tgt Ion:	43	Resp:	836857
Ion Ratio	Lower	Upper	
43	100		
86	9.5	7.4	11.2





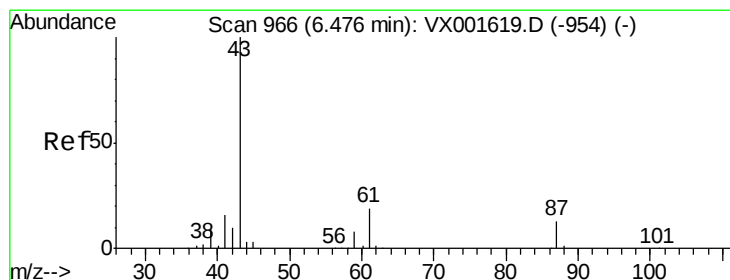
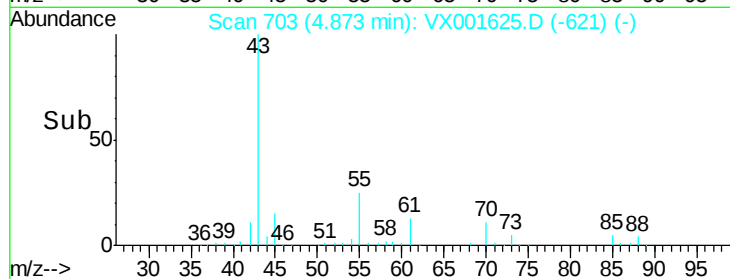
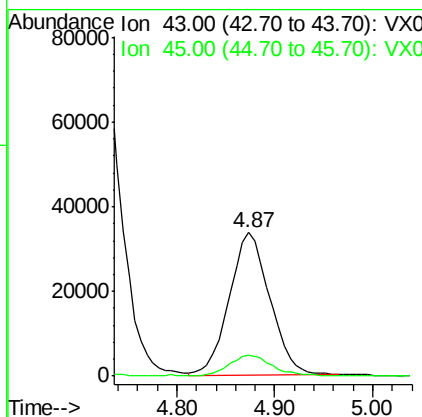
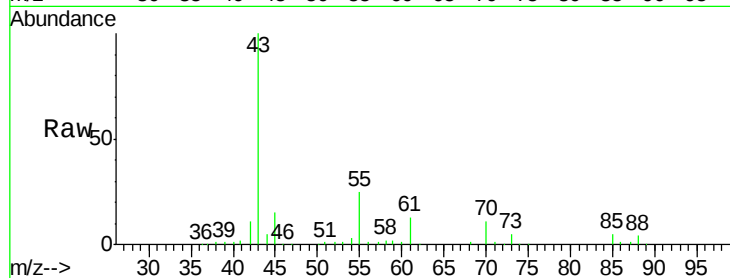
#43
Ethyl Acetate
Concen: 21.90 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion: 43 Resp: 96505
Ion Ratio Lower Upper
43 100
45 14.5 12.7 19.1

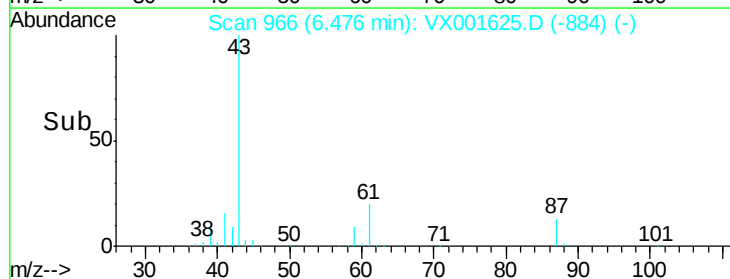
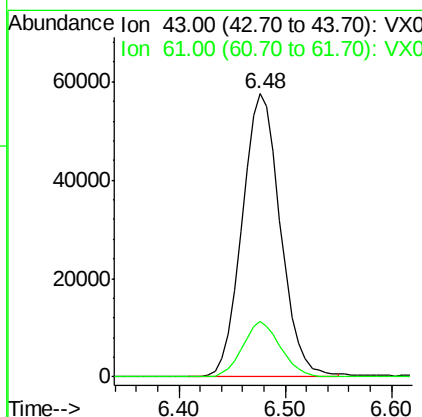
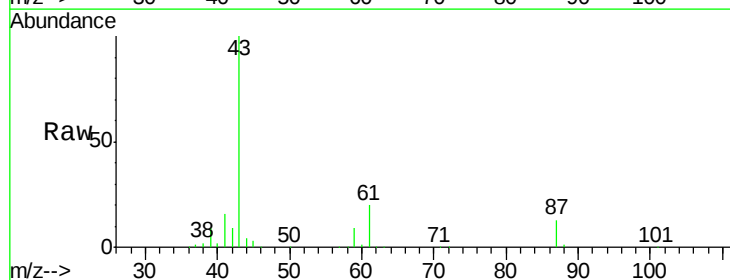
Manual Integrations
APPROVED

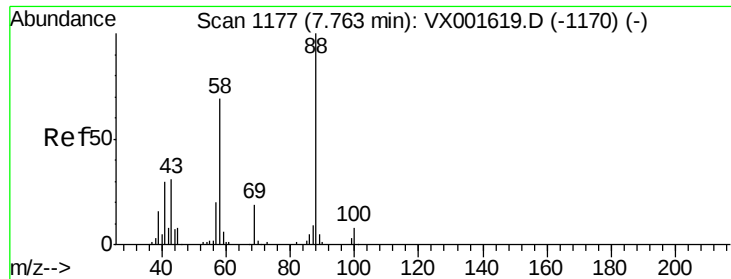
apatel
5/14/2018 3:57:46 PM



#44
Isopropyl Acetate
Concen: 21.43 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 43 Resp: 144583
Ion Ratio Lower Upper
43 100
61 19.5 15.1 22.7





#45

1,4-Dioxane

Concen: 437.97 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

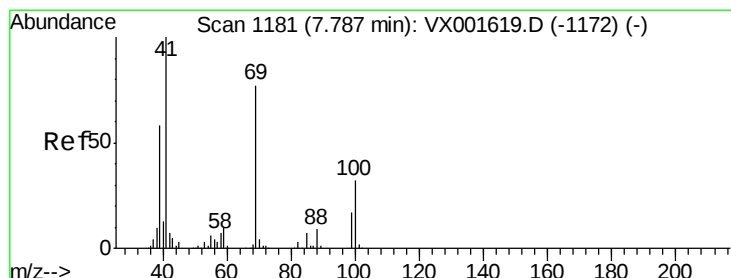
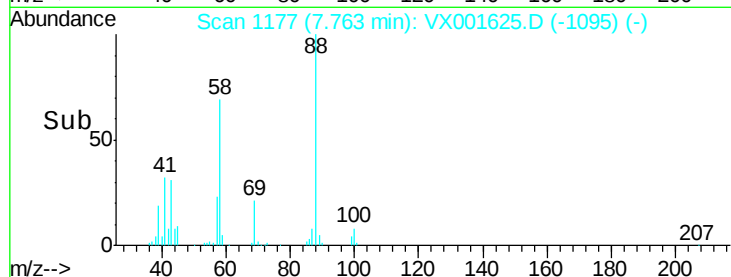
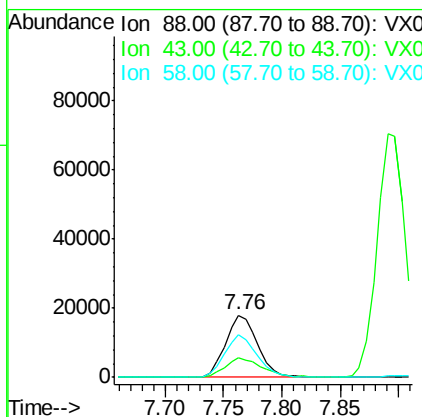
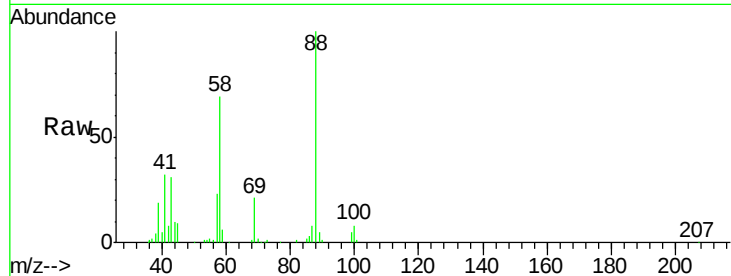
ClientSampleId :

VX0510WBS01

Tot Ion:	88	Resp:	34646
Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.9	41.9
58	68.8	55.3	82.9

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:46 PM



#46

Methyl methacrylate

Concen: 21.41 ug/l

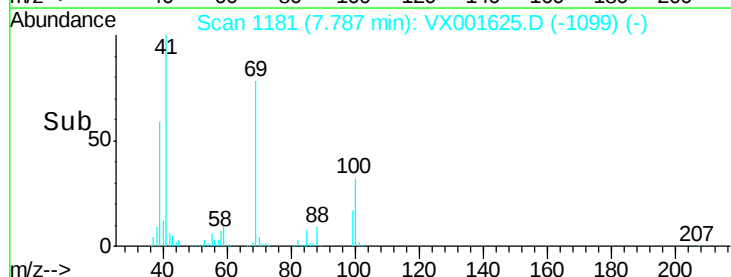
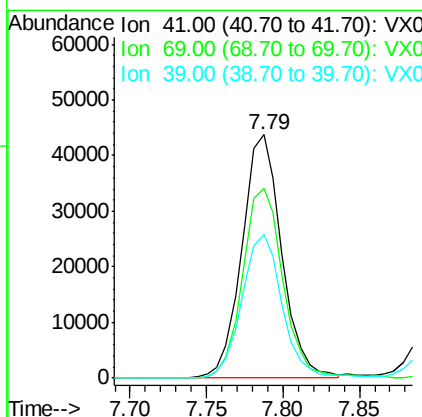
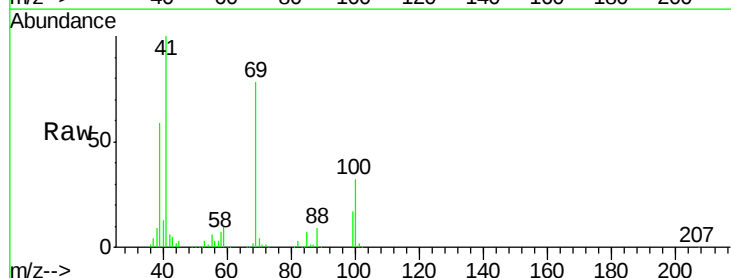
RT: 7.79 min Scan# 1181

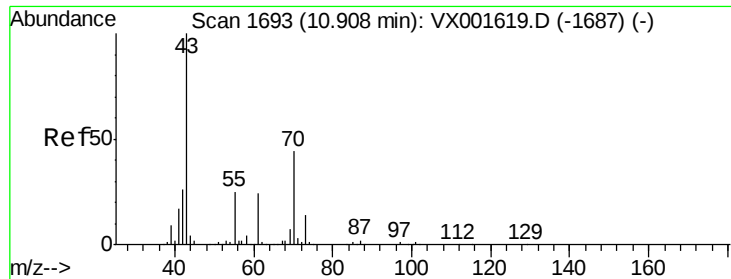
Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Tgt Ion:	41	Resp:	77986
Ion	Ratio	Lower	Upper
41	100		
69	78.2	38.4	115.2
39	59.1	29.0	87.1





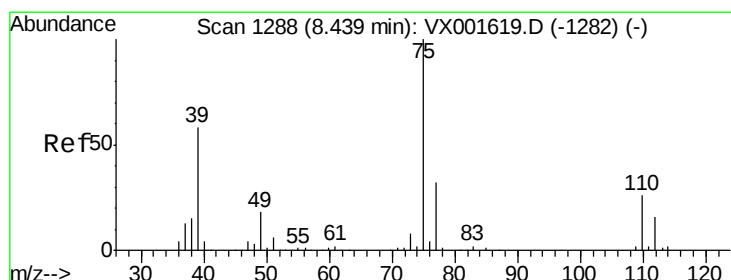
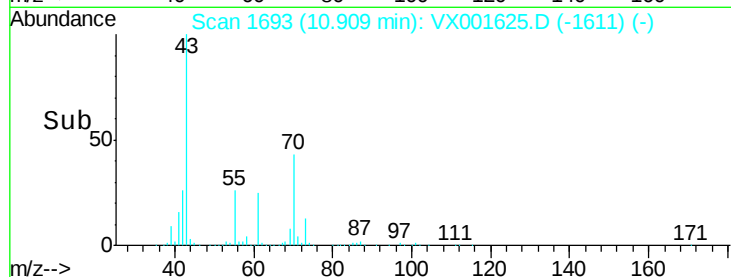
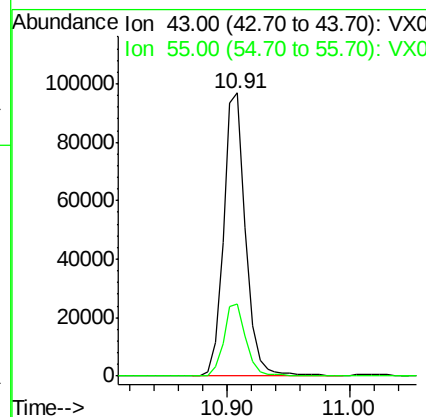
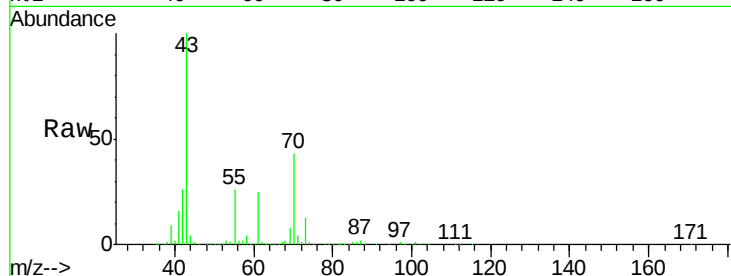
#47
n-amvl Acetate
Concen: 20.94 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion: 43 Resp: 120659
Ion Ratio Lower Upper
43 100
55 26.2 20.8 31.2

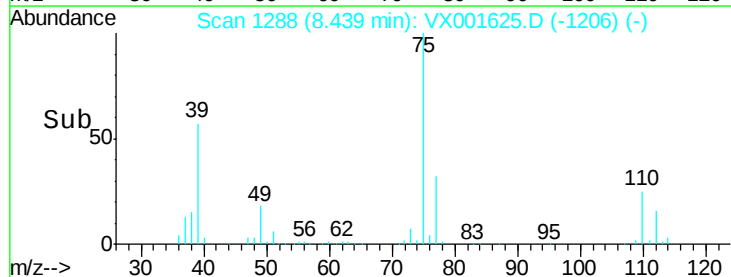
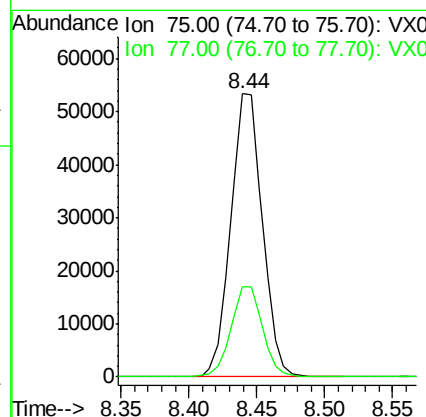
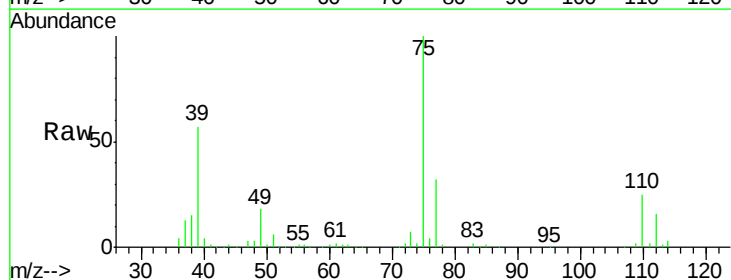
Manual Integrations
APPROVED

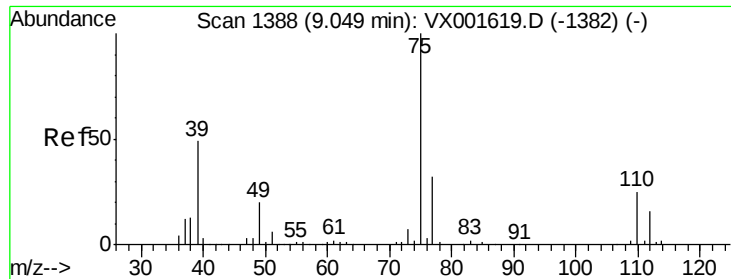
apatel
5/14/2018 3:57:46 PM



#48
t-1,3-Dichloropropene
Concen: 20.69 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 75 Resp: 86430
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3





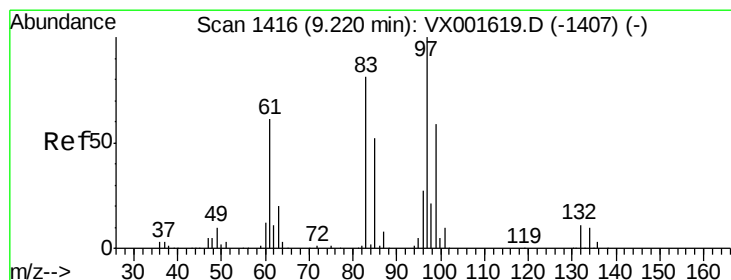
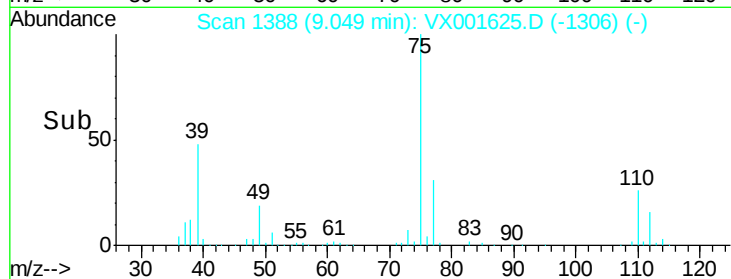
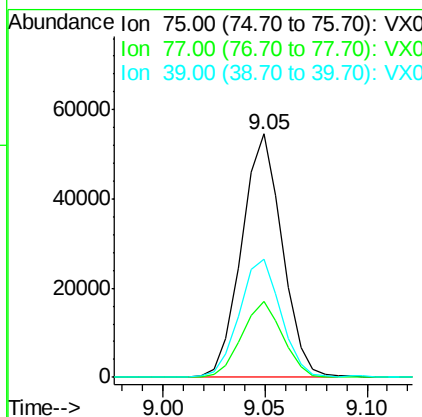
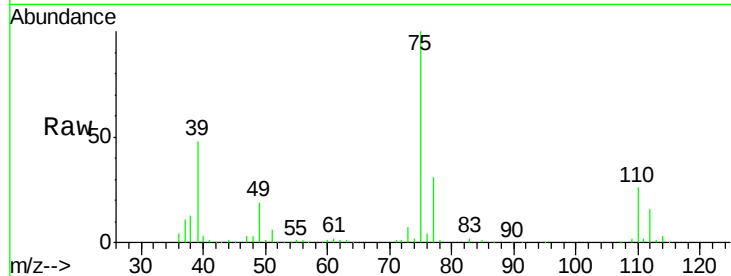
#49
 cis-1,3-Dichloropropene
 Concen: 20.47 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	48.2	39.4	59.0

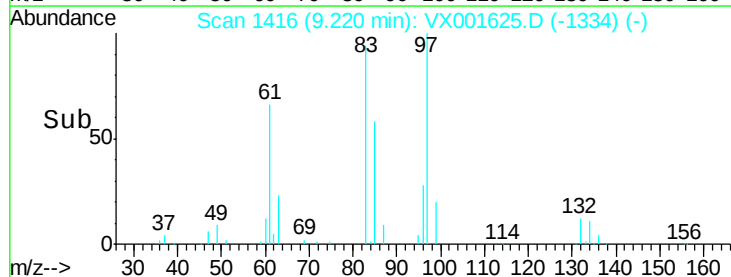
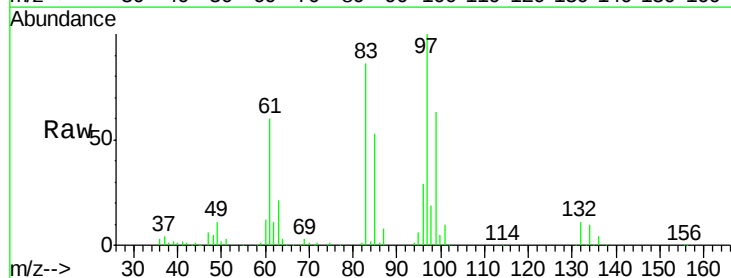
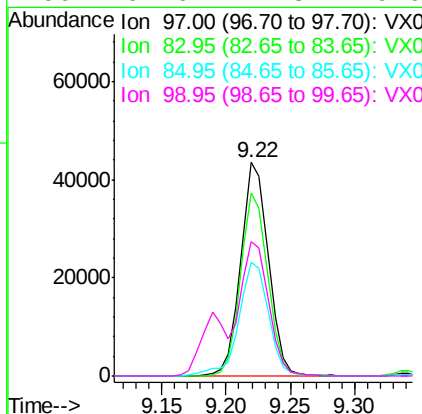
Manual Integrations
 APPROVED

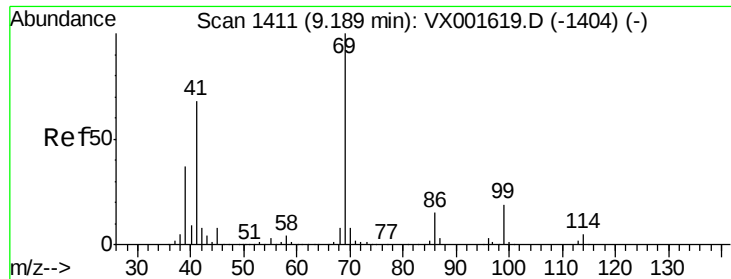
apatel
 5/14/2018 3:57:46 PM



#50
 1,1,2-Trichloroethane
 Concen: 21.76 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.0	97.6
85	53.2	41.5	62.3
99	62.6	47.3	70.9





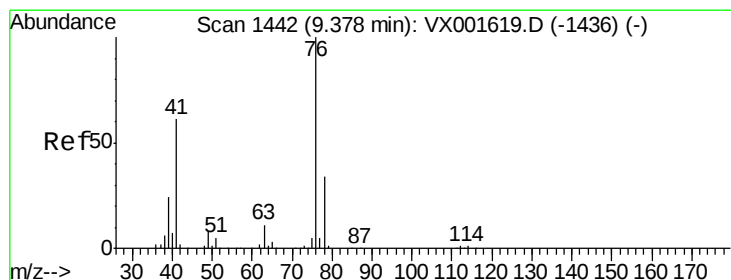
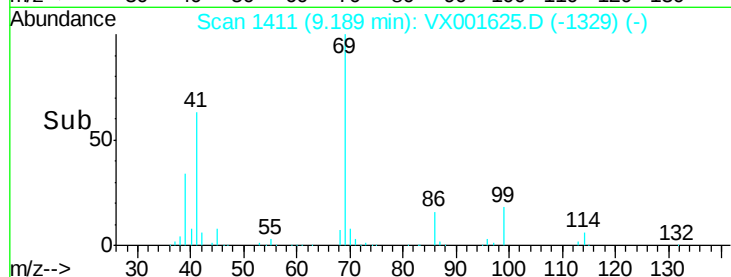
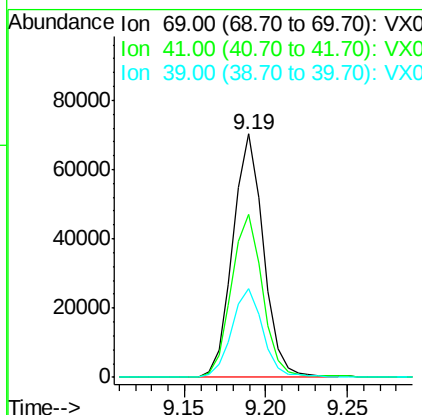
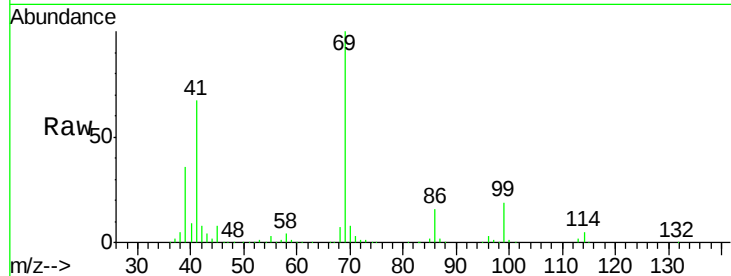
#51
Ethyl methacrylate
Concen: 21.54 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Lower	Upper
69	100		
41	66.6	33.9	101.6
39	36.2	18.4	55.2

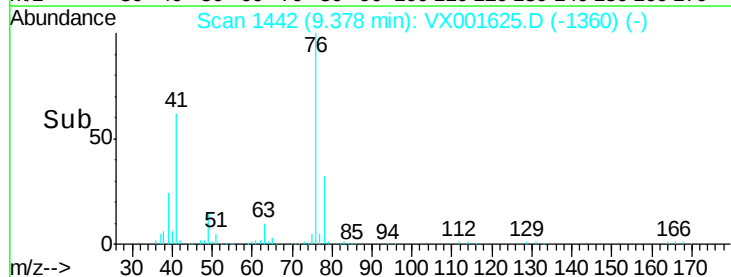
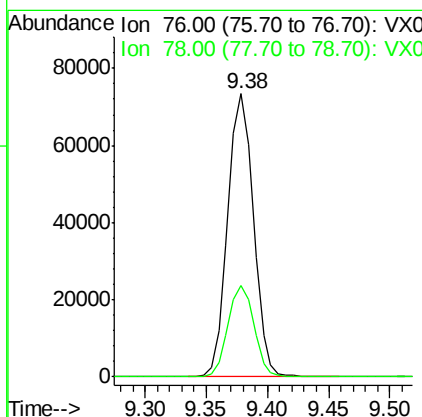
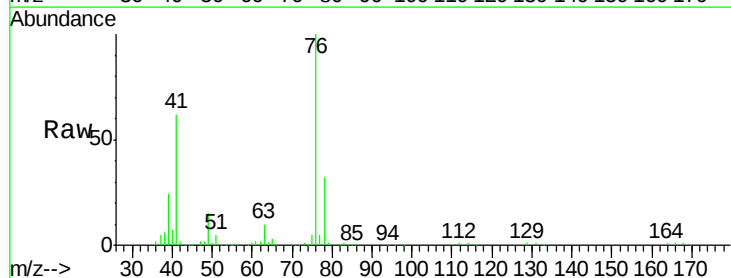
Manual Integrations
APPROVED

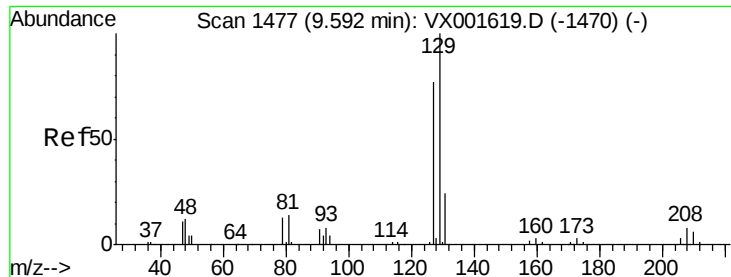
apatel
5/14/2018 3:57:46 PM



#52
1,3-Dichloropropane
Concen: 21.85 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	65.8





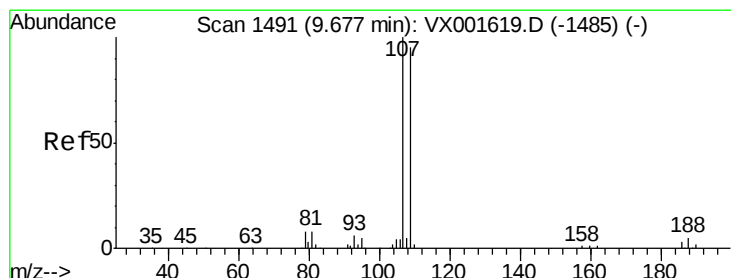
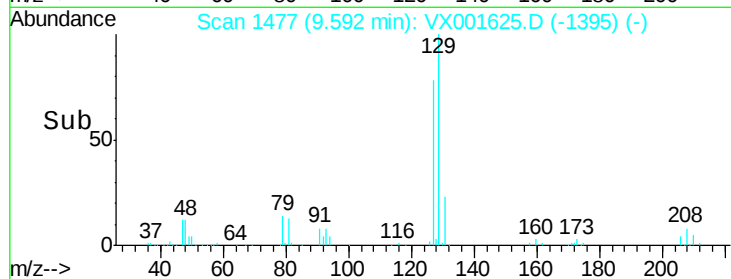
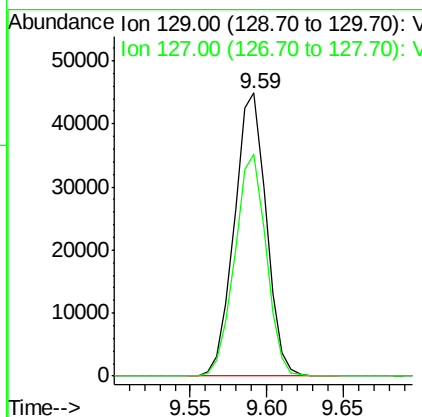
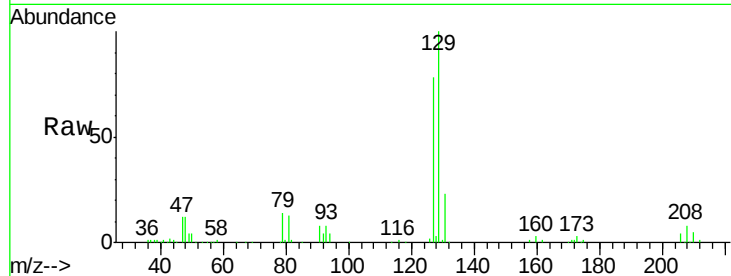
#53
 Dibromochloromethane
 Concen: 20.94 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion:129 Resp: 64792
 Ion Ratio Lower Upper
 129 100
 127 77.4 37.9 113.7

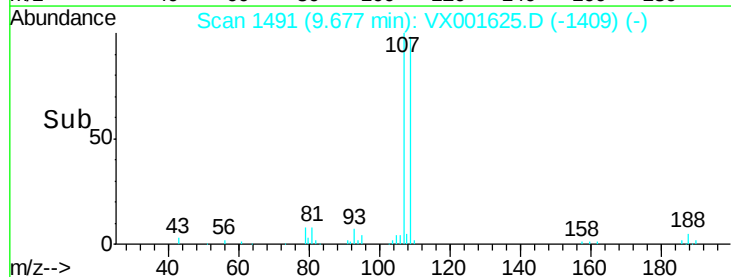
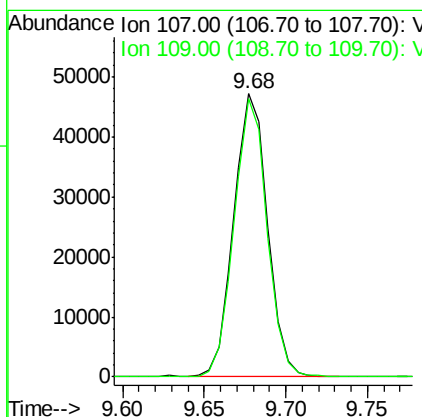
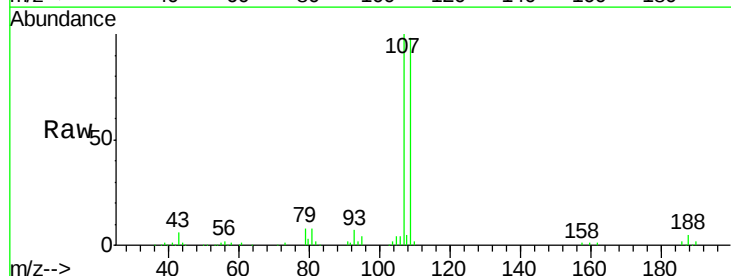
Manual Integrations
 APPROVED

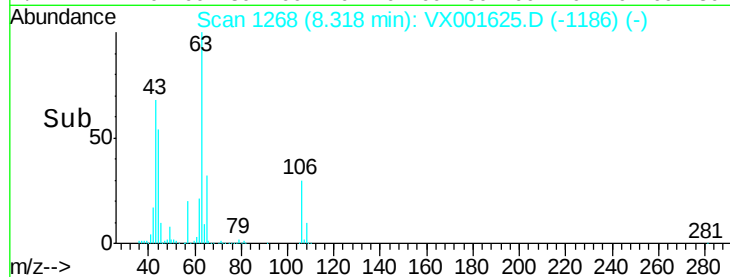
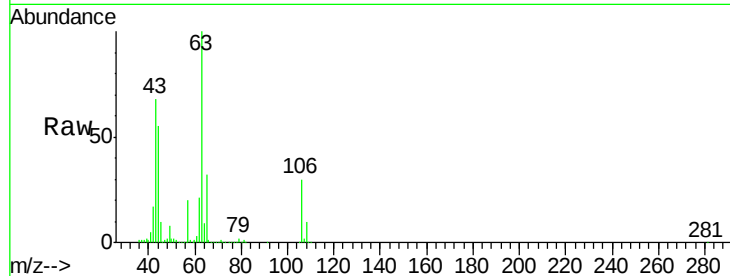
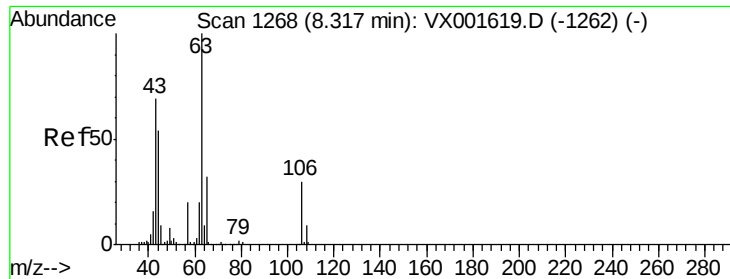
apatel
 5/14/2018 3:57:46 PM



#54
 1,2-Dibromoethane
 Concen: 21.65 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion:107 Resp: 68027
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.0 112.6





#55

2-Chloroethyl vinyl ether

Concen: 107.66 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX001625.D

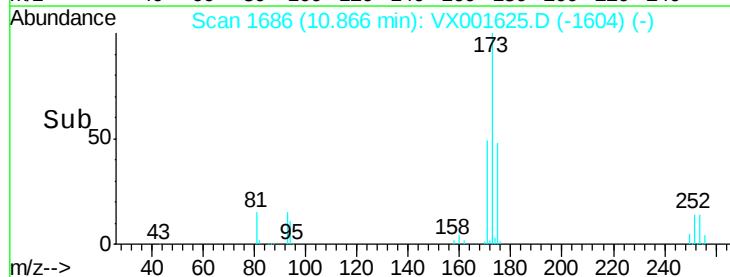
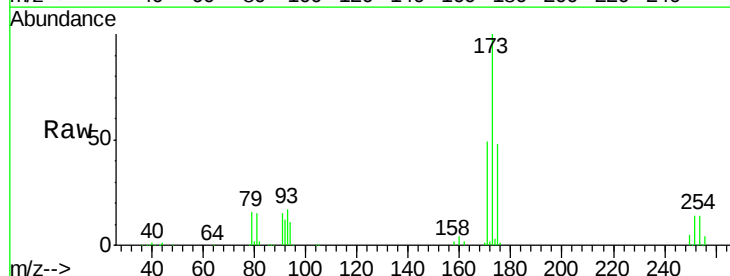
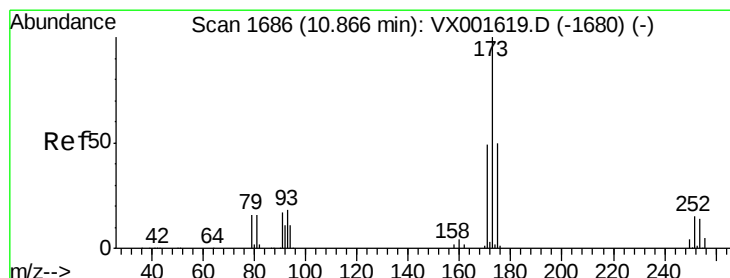
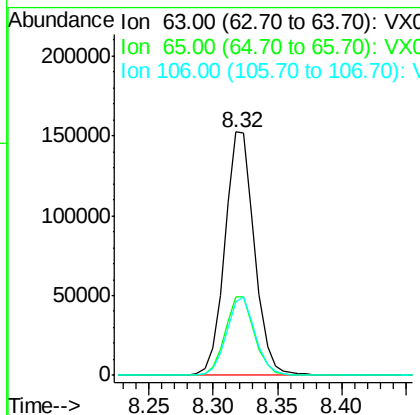
Acq: 11 May 2018 02:35

Tot Ion:	63	Resp:	245864
Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.8
106	31.0	24.8	37.2

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:46 PM



#56

Bromoform

Concen: 20.34 ug/l

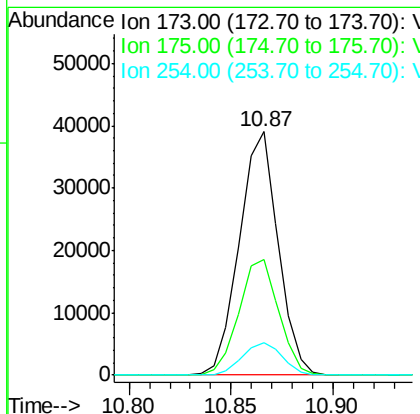
RT: 10.87 min Scan# 1686

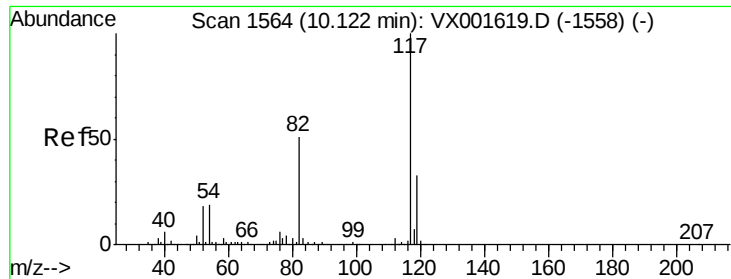
Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Tgt Ion:	173	Resp:	51443
Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.8	59.8
254	13.7	10.7	16.1





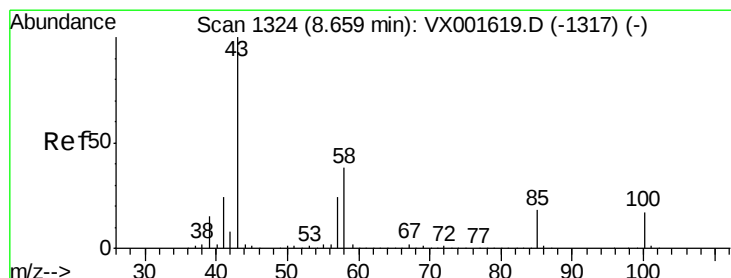
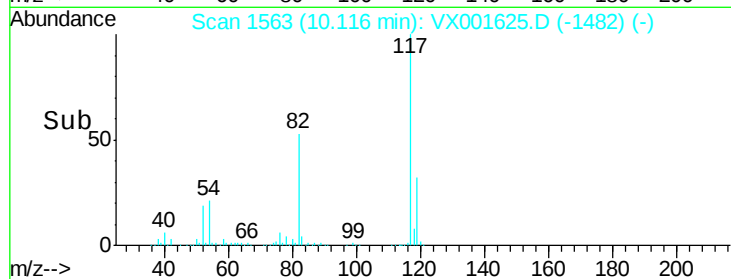
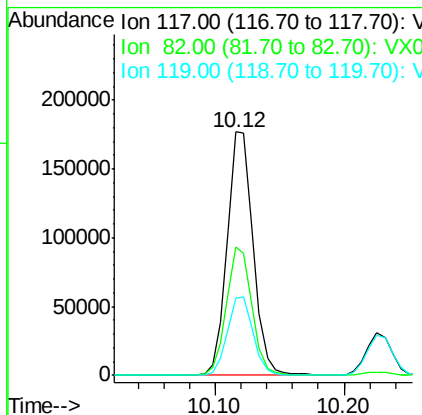
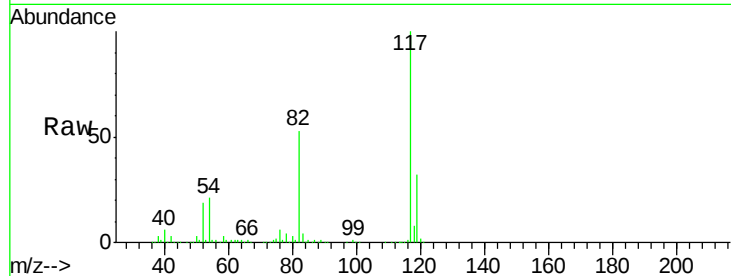
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	251575		
82	51.9	42.2	63.2	
119	32.1	26.3	39.5	

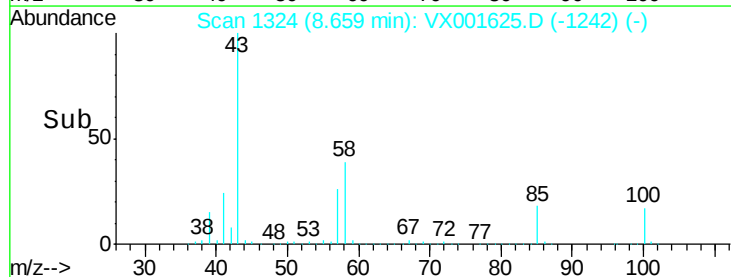
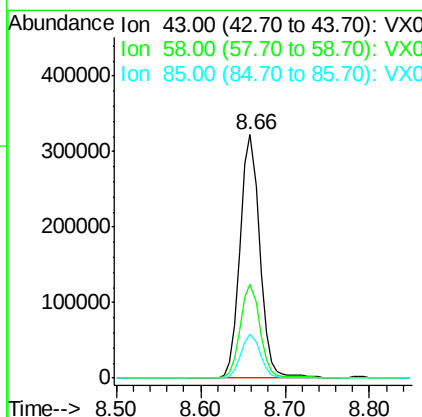
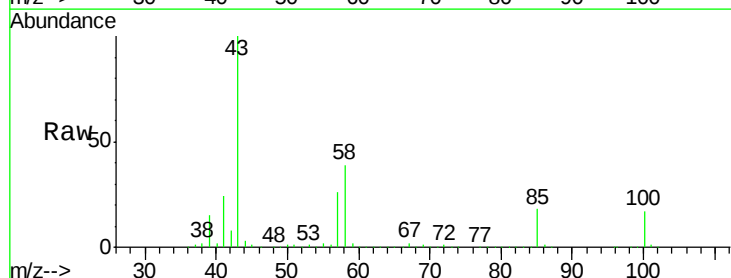
Manual Integrations
APPROVED

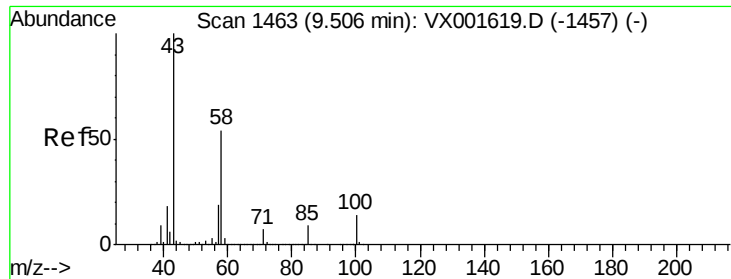
apatel
5/14/2018 3:57:46 PM



#58
4-Methyl-2-Pentanone
Concen: 111.81 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	505950		
58	38.1	30.4	45.6	
85	18.0	14.3	21.5	





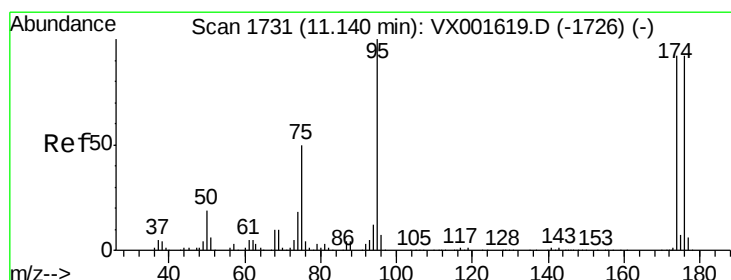
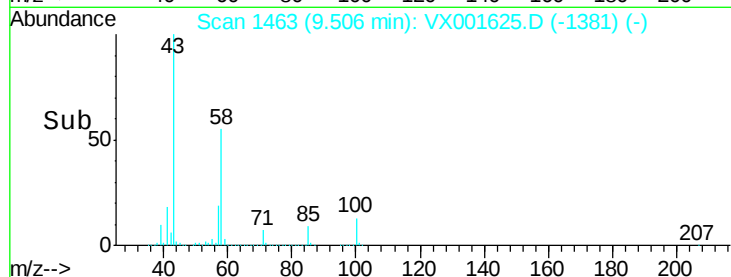
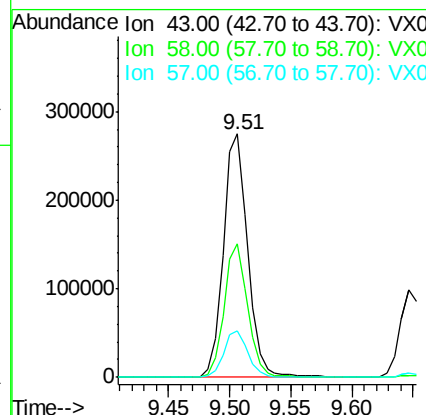
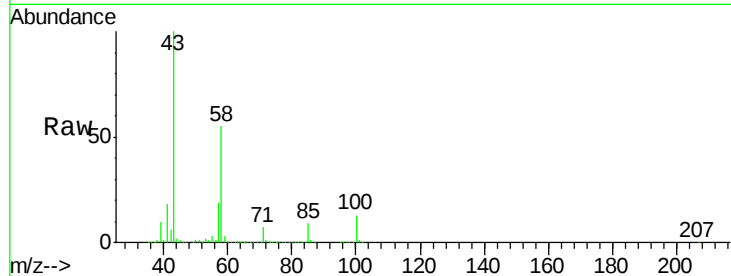
#59
2-Hexanone
Concen: 111.72 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	378752		
58	53.6		43.0	64.4
57	19.0		15.4	23.0

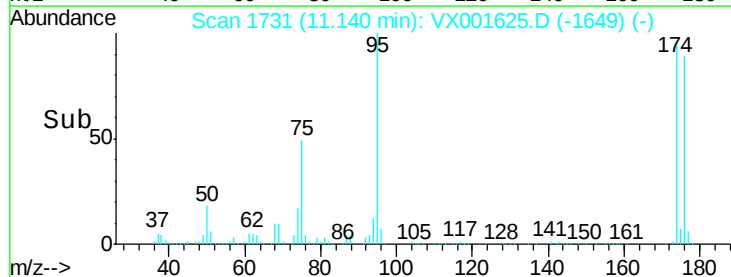
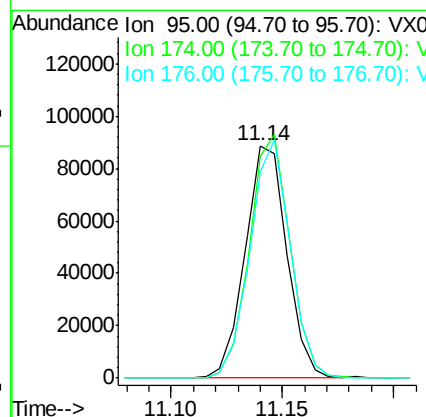
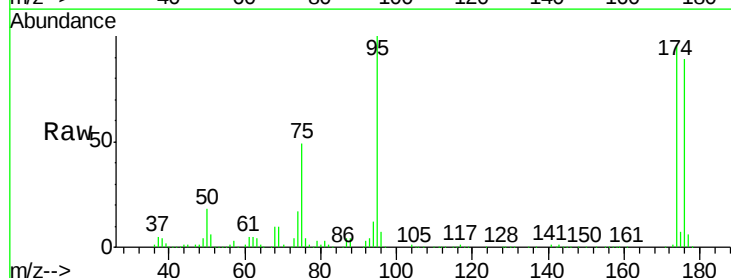
Manual Integrations
APPROVED

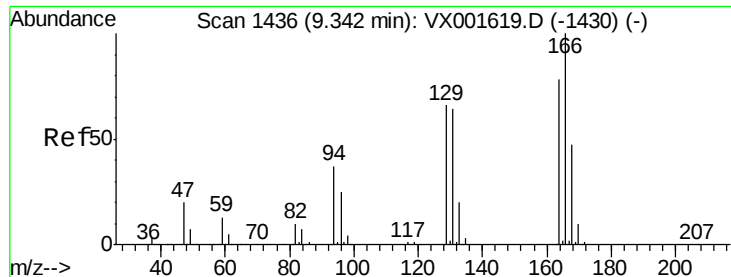
apatel
5/14/2018 3:57:46 PM



#60
4-Bromofluorobenzene
Concen: 29.17 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	116119		
174	102.1		80.2	120.2
176	99.0		79.2	118.8





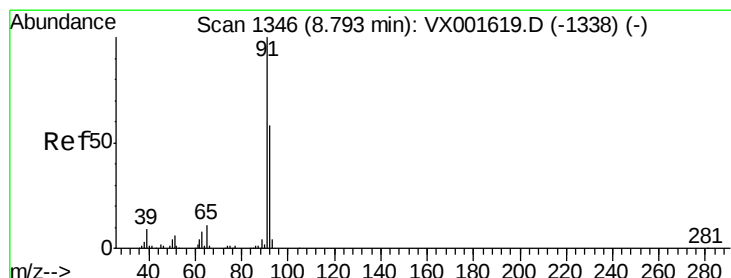
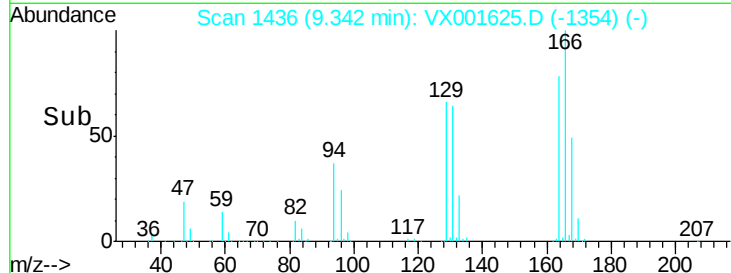
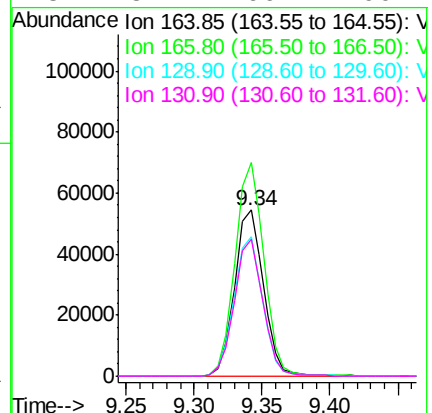
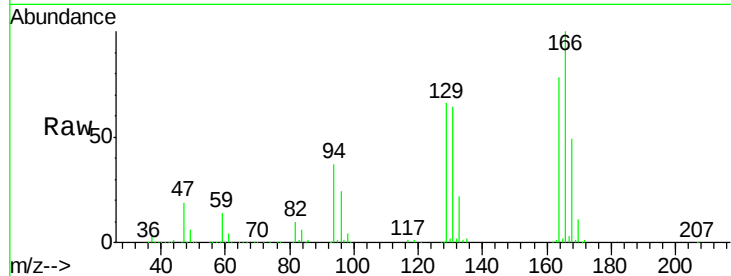
#61
Tetrachloroethene
Concen: 22.05 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.8	154.2
129	84.2	67.8	101.8
131	82.7	66.2	99.2

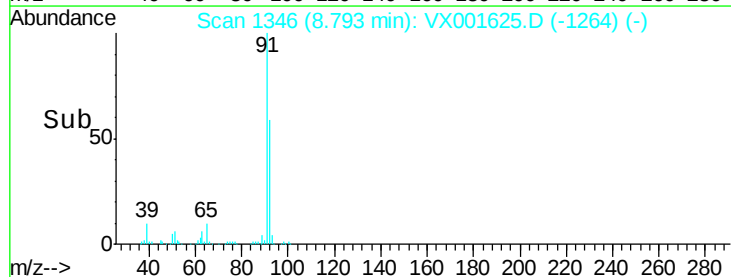
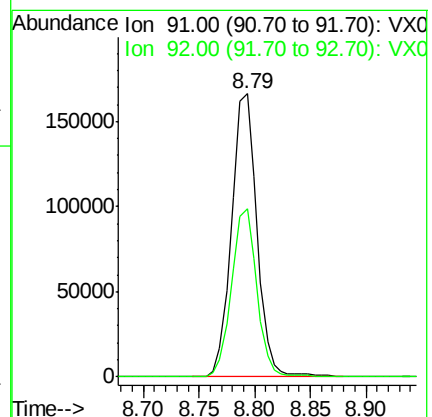
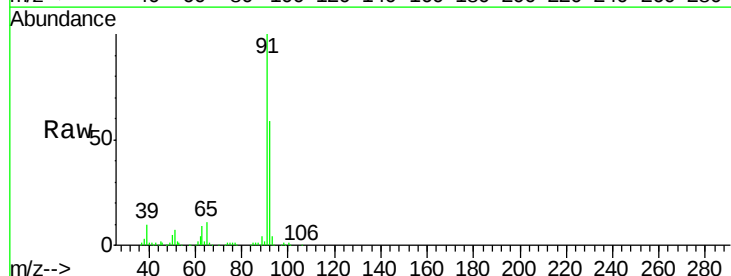
Manual Integrations
APPROVED

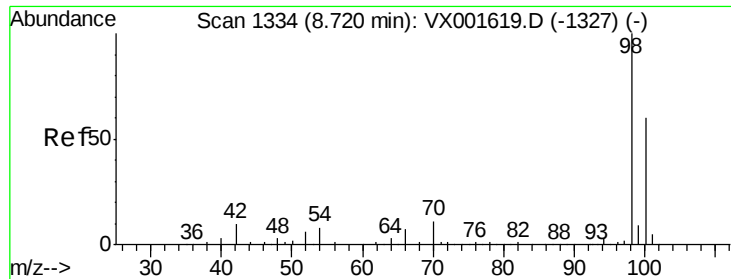
apatel
5/14/2018 3:57:46 PM



#62
Toluene
Concen: 21.74 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.4	47.4	71.0





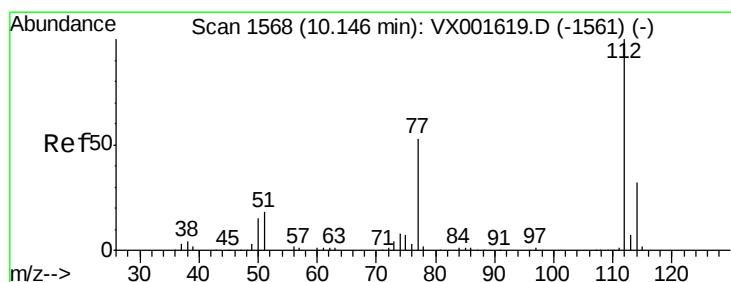
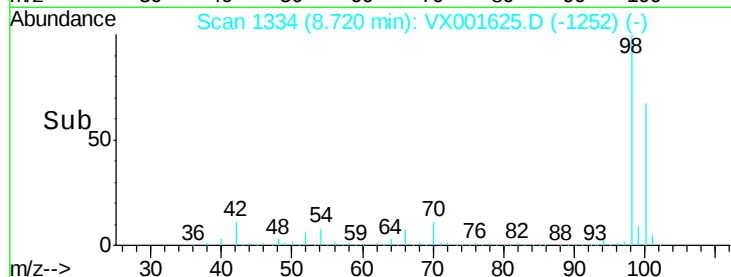
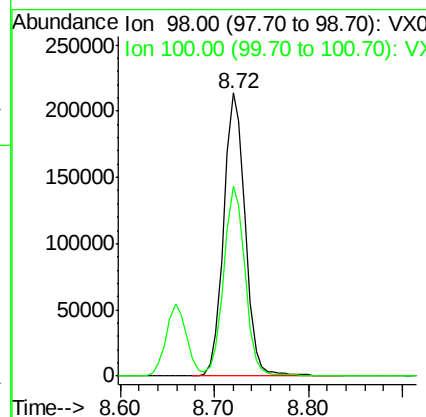
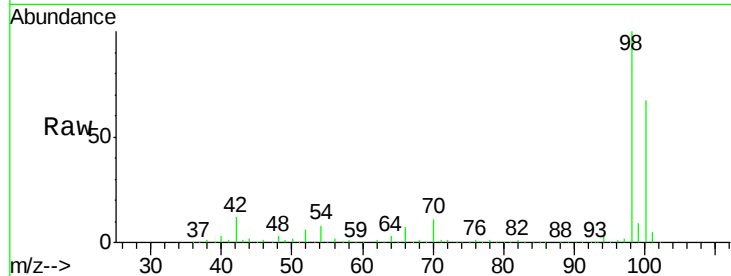
#63
Toluene-d8
Concen: 30.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion: 98 Resp: 337248
Ion Ratio Lower Upper
98 100
100 67.3 52.2 78.2

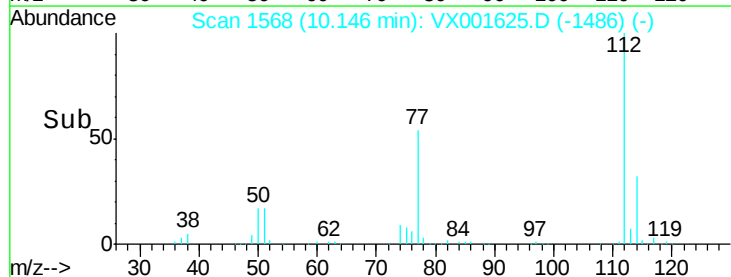
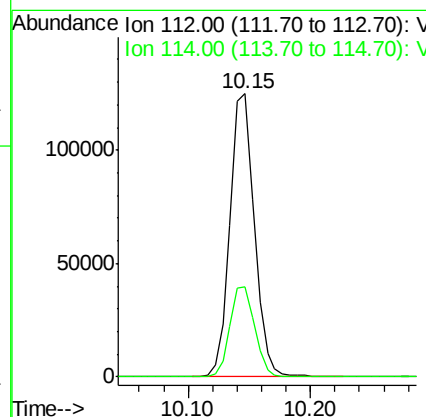
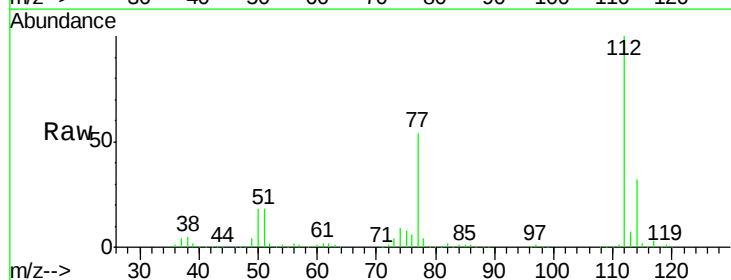
Manual Integrations
APPROVED

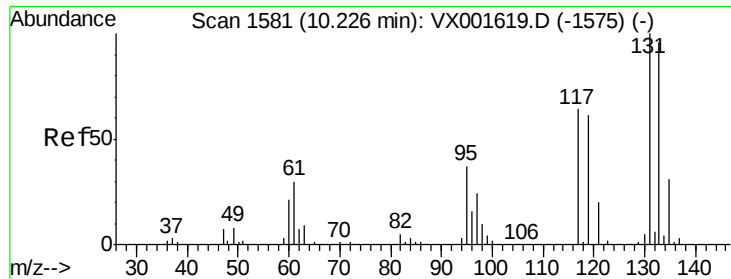
apatel
5/14/2018 3:57:46 PM



#64
Chlorobenzene
Concen: 21.73 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion: 112 Resp: 172772
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 21.55 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

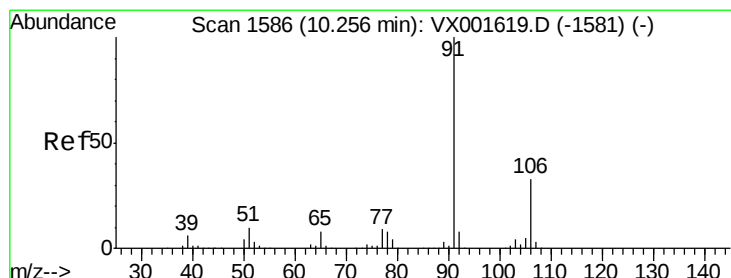
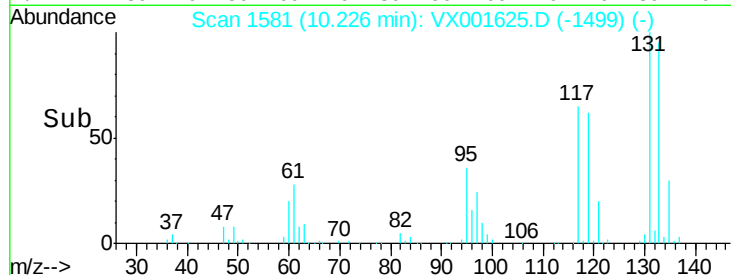
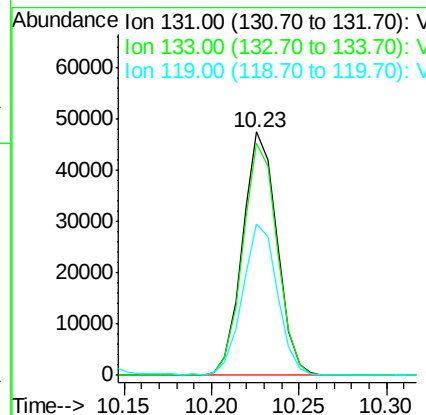
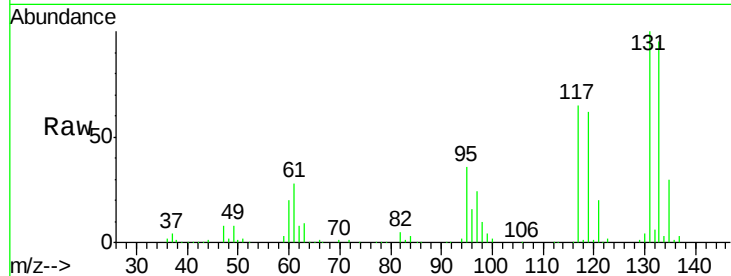
ClientSampleId :

VX0510WBS01

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.7	0.0	191.4
119	62.9	0.0	124.2

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:46 PM



#66

Ethyl Benzene

Concen: 21.73 ug/l

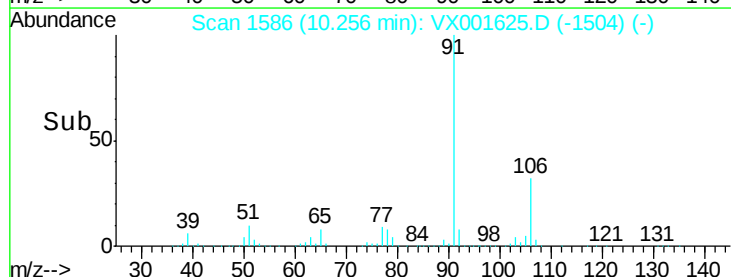
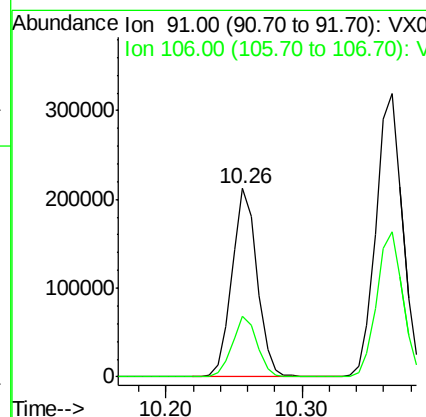
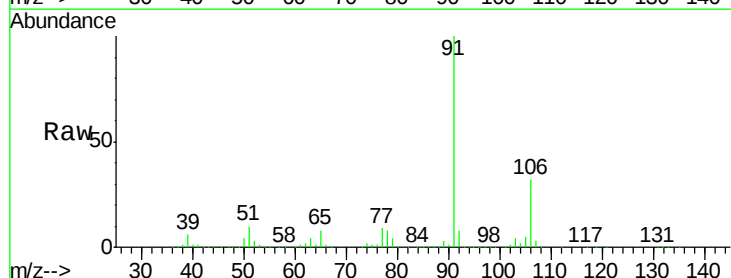
RT: 10.26 min Scan# 1586

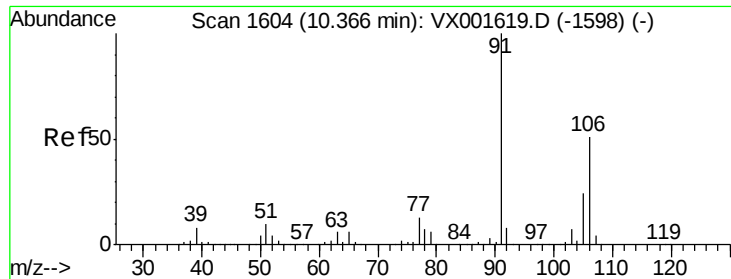
Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.0	26.2	39.4





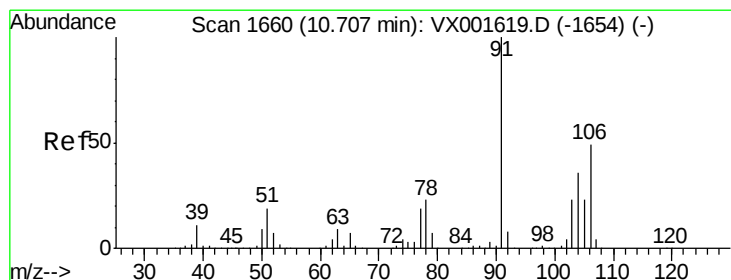
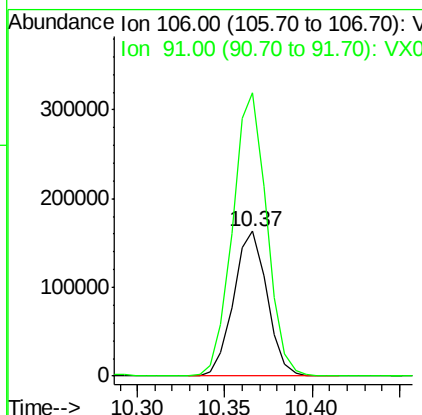
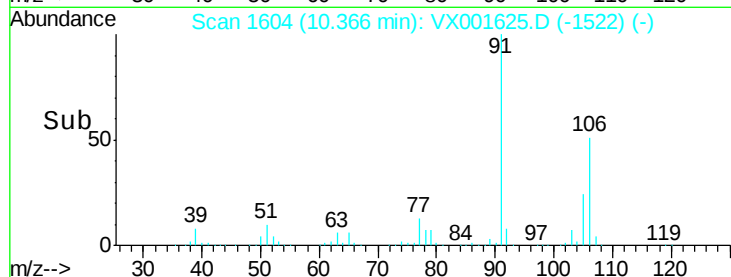
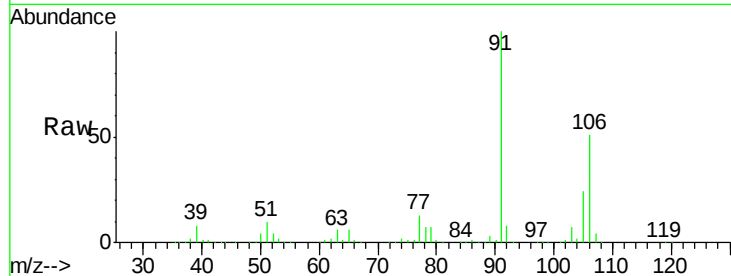
#67
m/p-Xvlenes
Concen: 43.22 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion:106 Resp: 216741
Ion Ratio Lower Upper
106 100
91 199.5 157.8 236.8

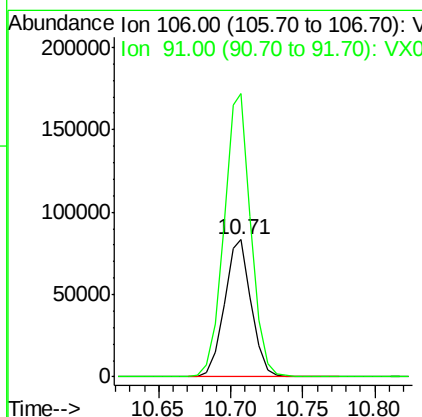
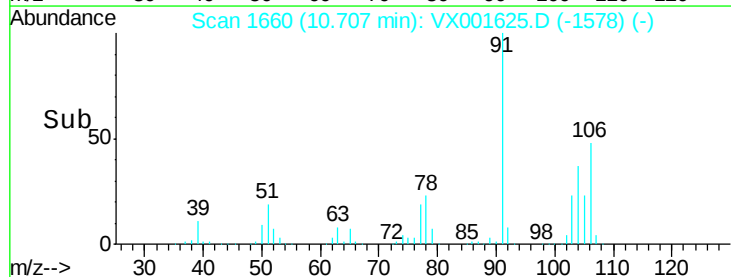
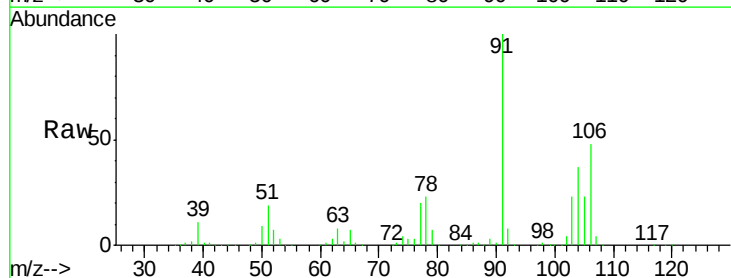
Manual Integrations
APPROVED

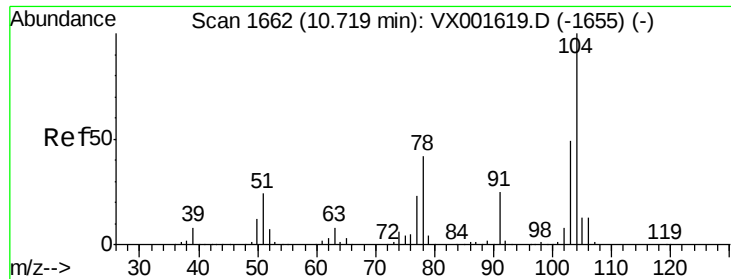
apatel
5/14/2018 3:57:46 PM



#68
o-Xylene
Concen: 21.86 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion:106 Resp: 108475
Ion Ratio Lower Upper
106 100
91 207.2 104.3 312.8





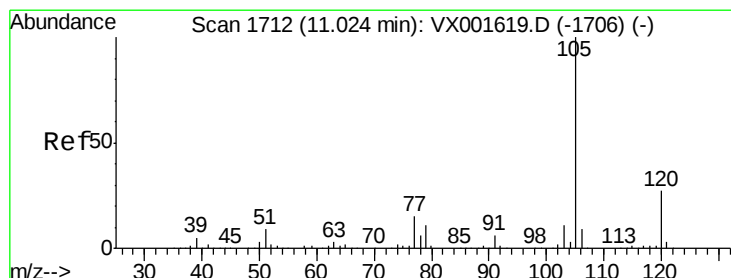
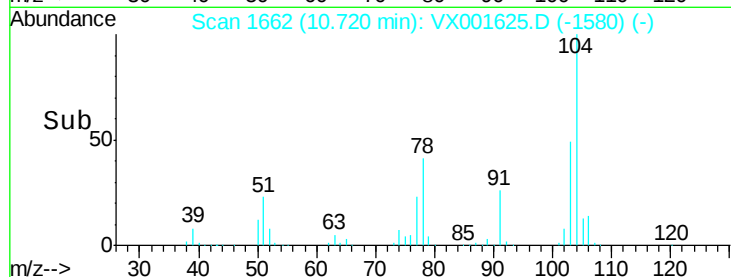
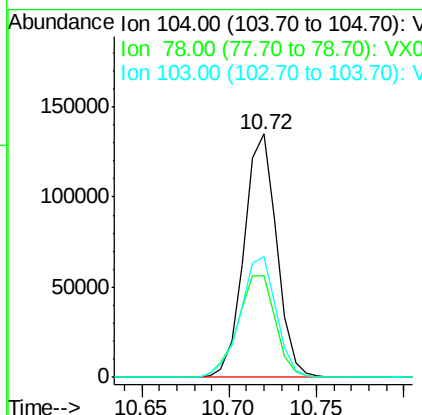
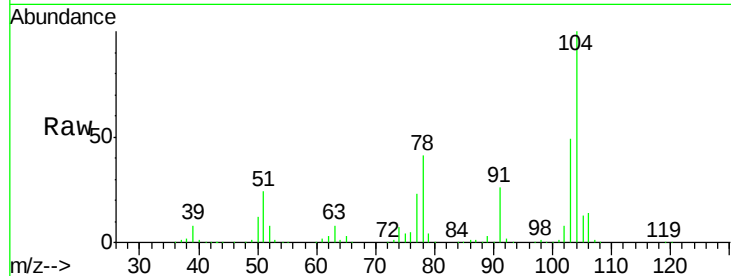
#69
Stvrene
Concen: 21.50 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.3	39.3	58.9
103	54.6	43.7	65.5

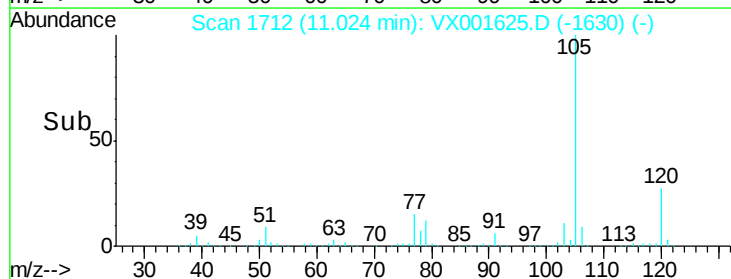
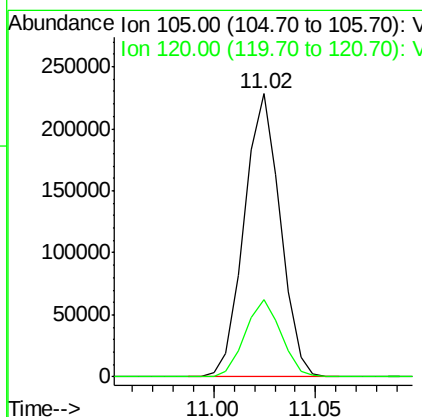
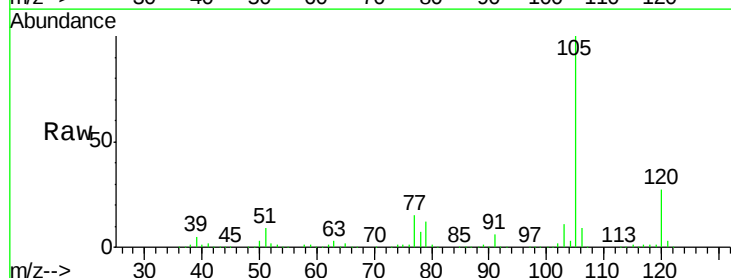
Manual Integrations
APPROVED

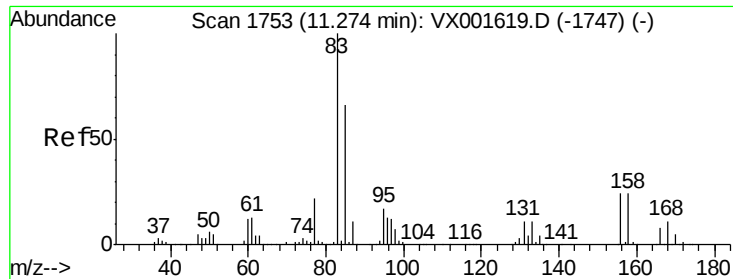
apatel
5/14/2018 3:57:46 PM



#70
Isopropylbenzene
Concen: 21.94 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 21.66 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 83 Resp: 92839

Ion Ratio Lower Upper

83 100

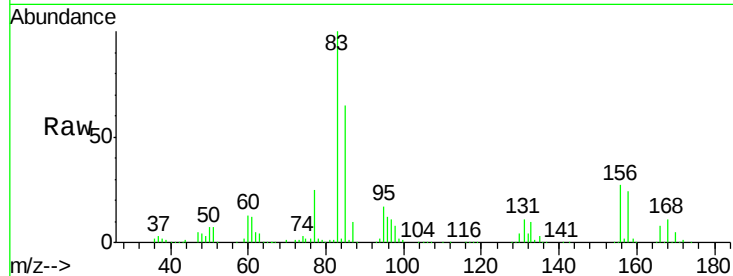
131 11.3 5.8 17.4

85 65.5 32.4 97.2

Manual Integrations
APPROVED

apatel

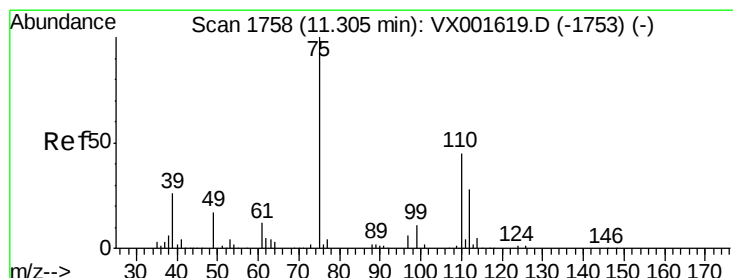
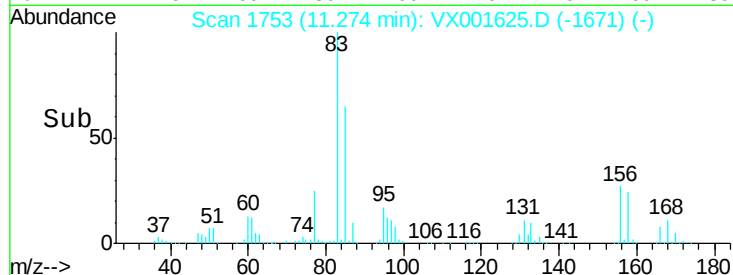
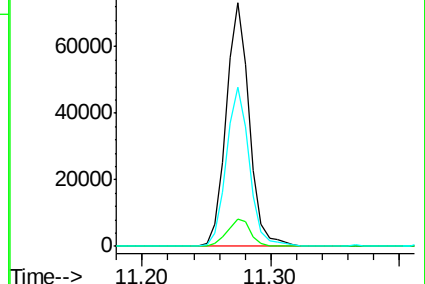
5/14/2018 3:57:46 PM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 22.00 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001625.D

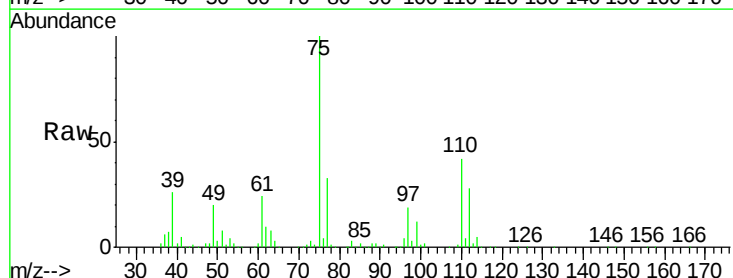
Acq: 11 May 2018 02:35

Tgt Ion: 75 Resp: 91402

Ion Ratio Lower Upper

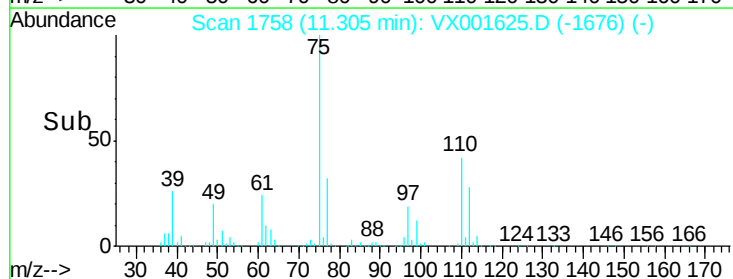
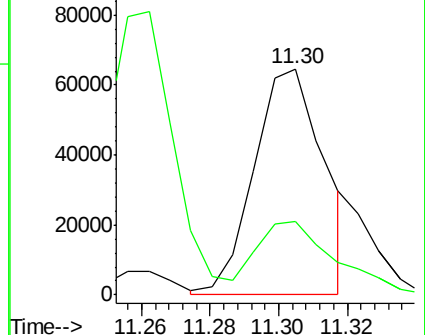
75 100

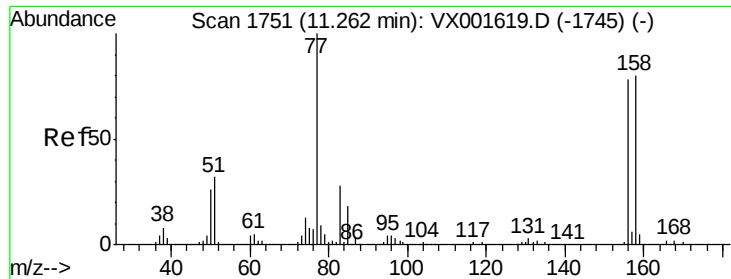
77 36.6 0.0 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





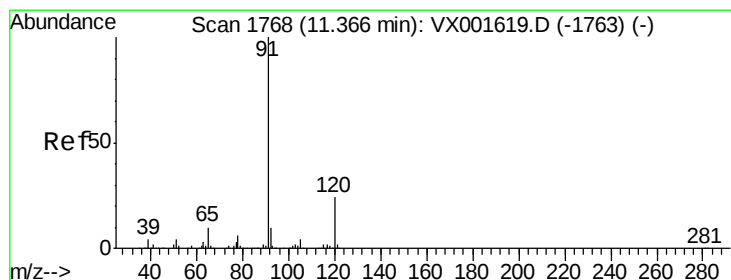
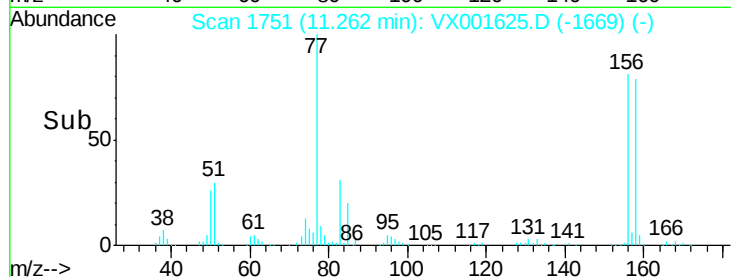
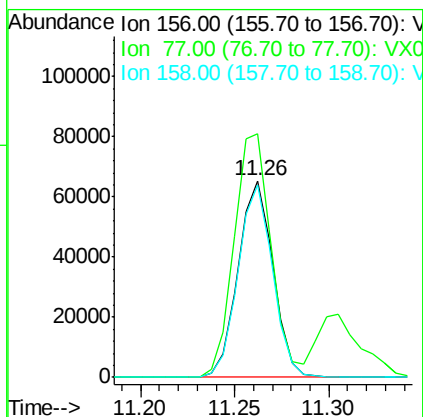
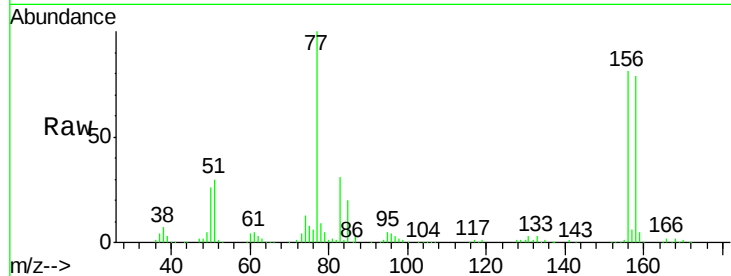
#73
Bromobenzene
Concen: 21.67 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	131.9	0.0	266.4
158	96.8	0.0	194.4

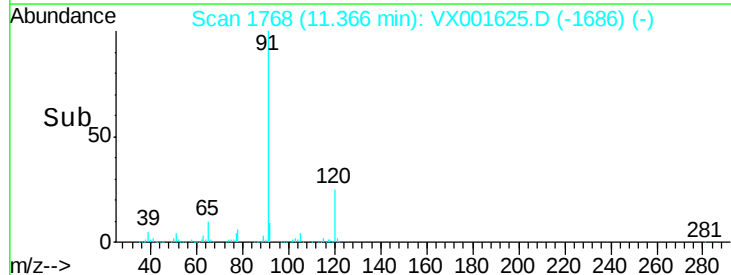
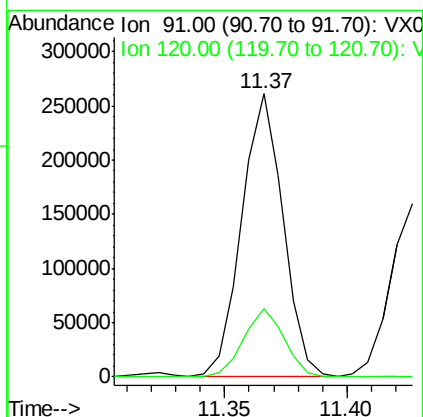
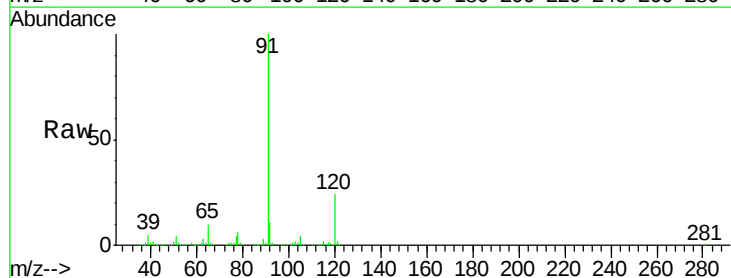
Manual Integrations
APPROVED

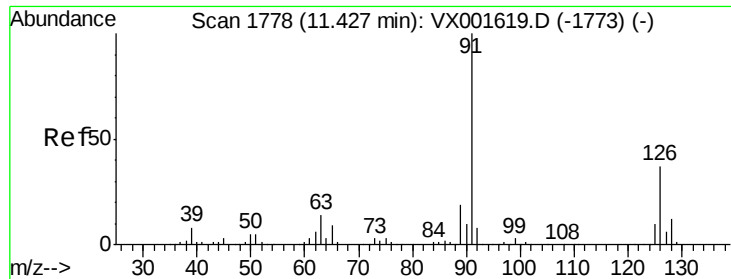
apatel
5/14/2018 3:57:46 PM



#74
n-propylbenzene
Concen: 21.91 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	0.0	48.0





#75

2-Chlorotoluene

Concen: 21.88 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 91 Resp: 193122

Ion Ratio Lower Upper

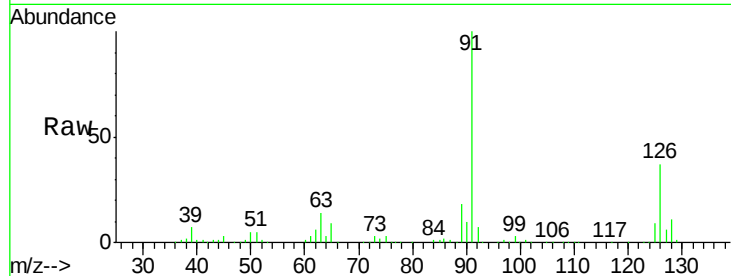
91 100

126 36.8 0.0 72.0

Manual Integrations
APPROVED

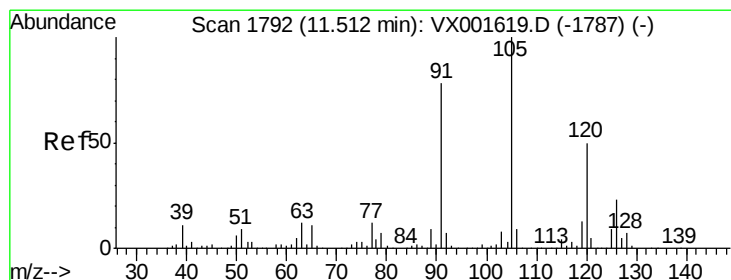
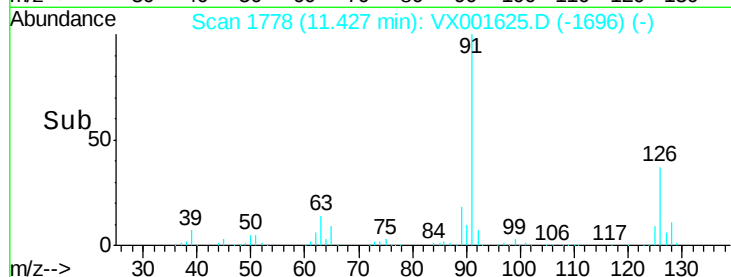
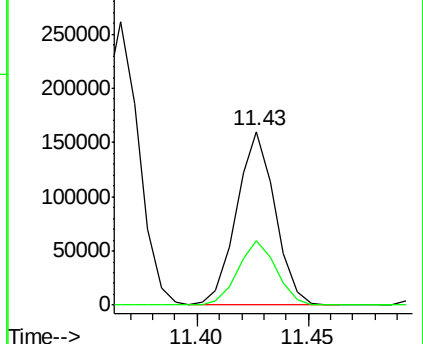
apatel

5/14/2018 3:57:46 PM



Abundance Ion 91.00 (90.70 to 91.70): VX001619.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001619.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 21.79 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001625.D

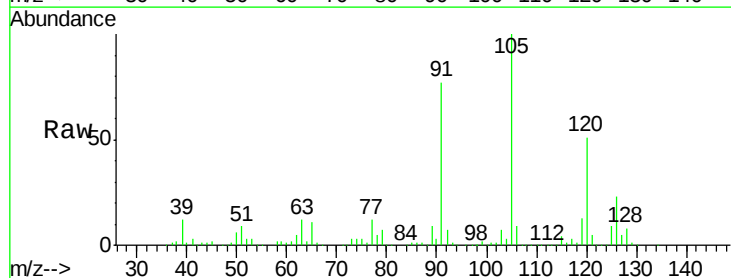
Acq: 11 May 2018 02:35

Tgt Ion: 105 Resp: 234357

Ion Ratio Lower Upper

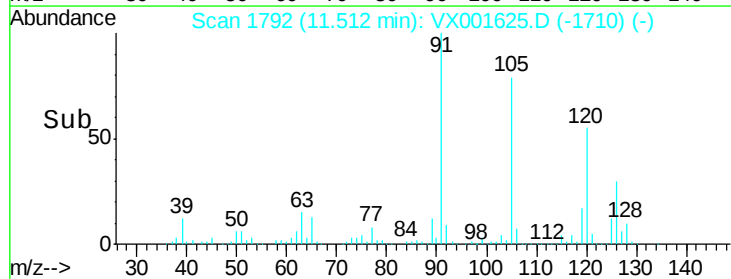
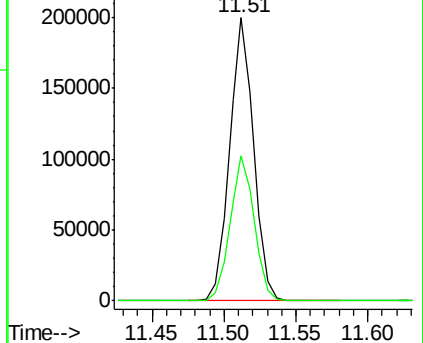
105 100

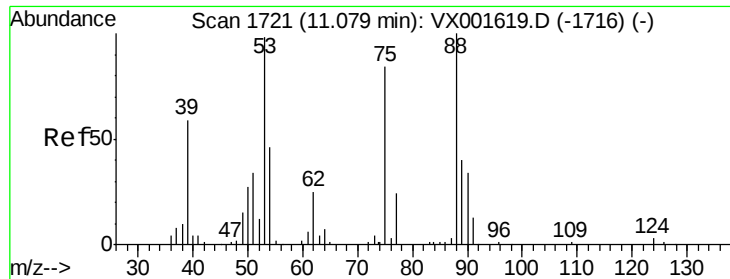
120 51.0 0.0 101.8



Abundance Ion 105.00 (104.70 to 105.70): VX001619.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VX001619.D (-1787) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 19.54 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 75 Resp: 20871

Ion Ratio Lower Upper

75 100

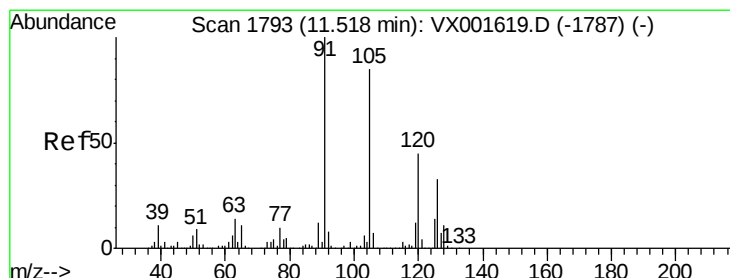
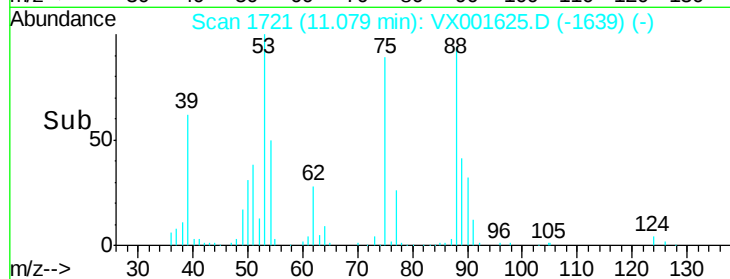
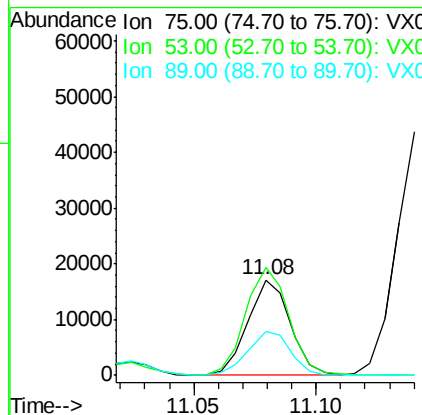
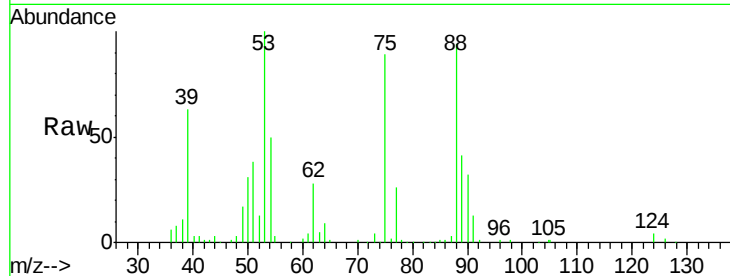
53 111.8 58.3 174.8

89 45.8 23.9 71.8

Manual Integrations
APPROVED

apatel

5/14/2018 3:57:46 PM



#78

4-Chlorotoluene

Concen: 21.43 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001625.D

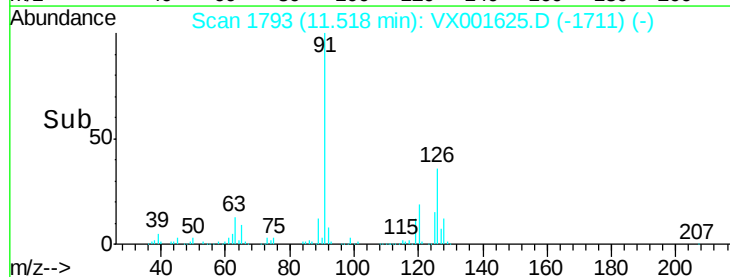
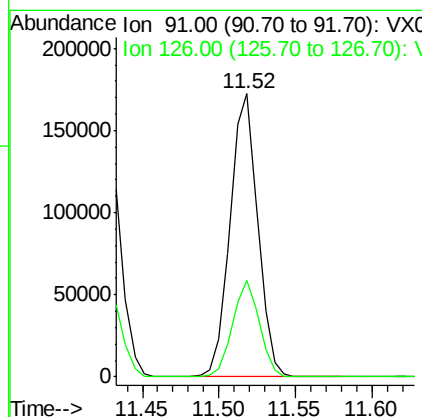
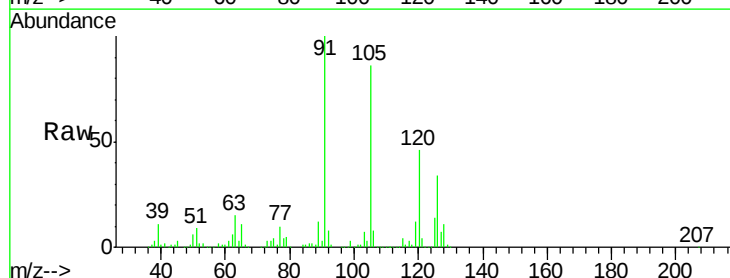
Acq: 11 May 2018 02:35

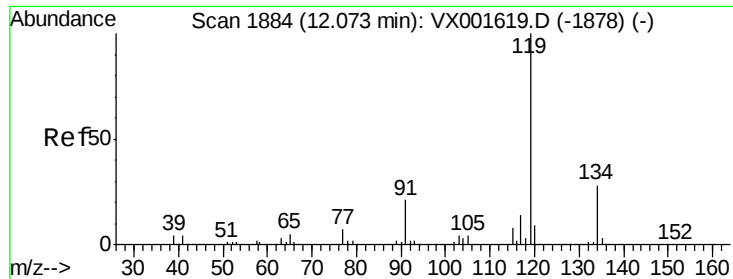
Tgt Ion: 91 Resp: 214993

Ion Ratio Lower Upper

91 100

126 32.7 0.0 64.8





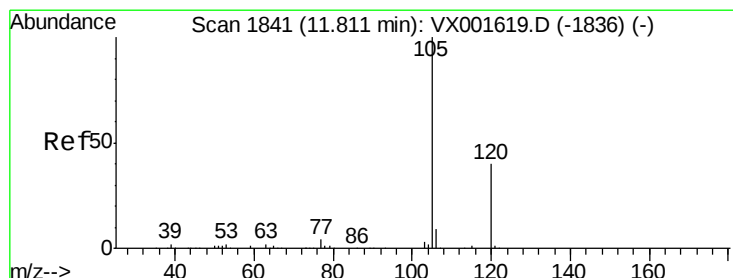
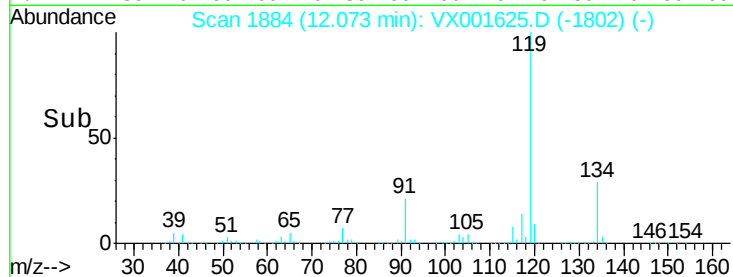
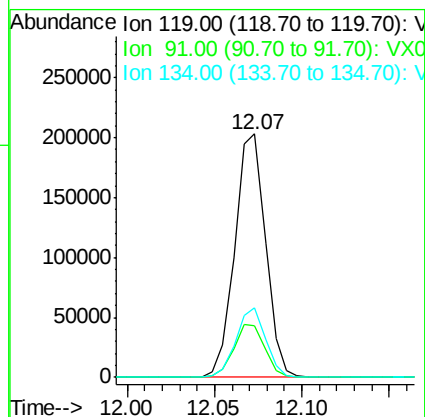
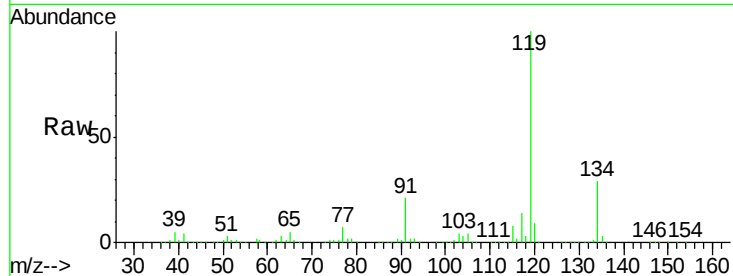
#79
tert-butylbenzene
Concen: 21.87 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	248941		
91	21.9	0.0	44.0	
134	27.6	0.0	53.8	

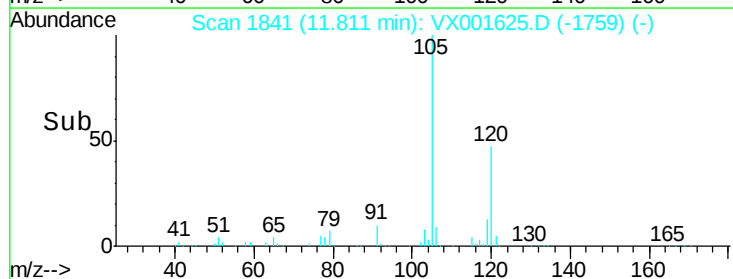
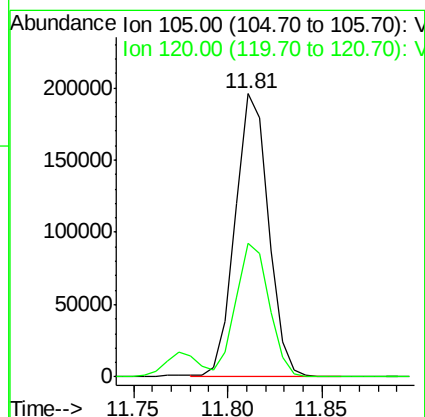
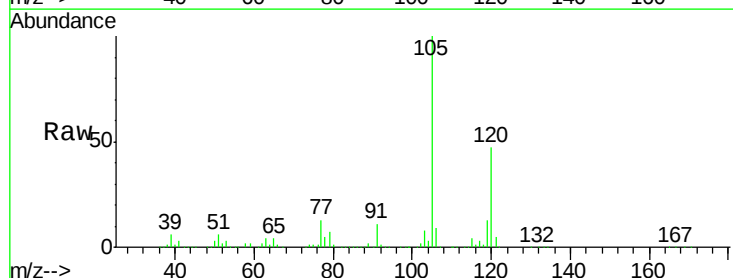
Manual Integrations
APPROVED

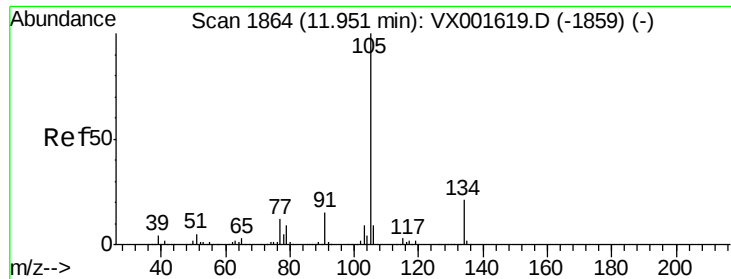
apatel
5/14/2018 3:57:46 PM



#80
1,2,4-Trimethylbenzene
Concen: 21.95 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	241074		
120	47.4	0.0	94.0	





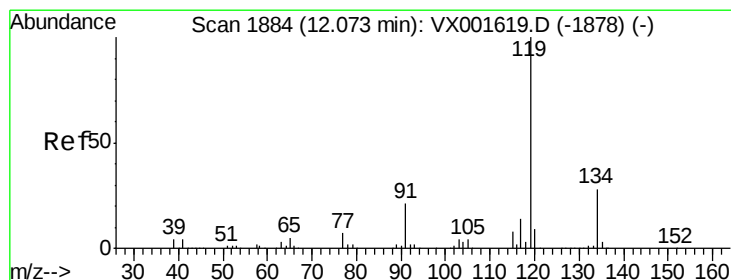
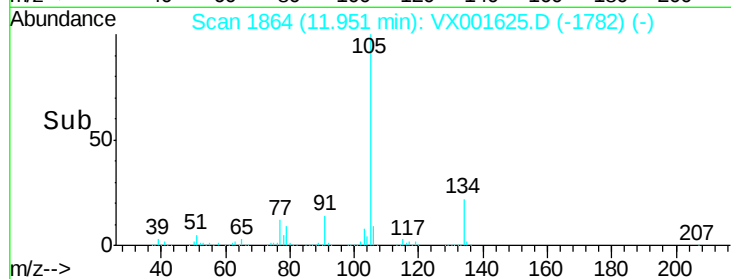
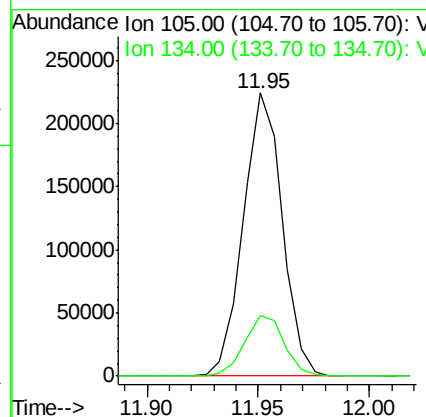
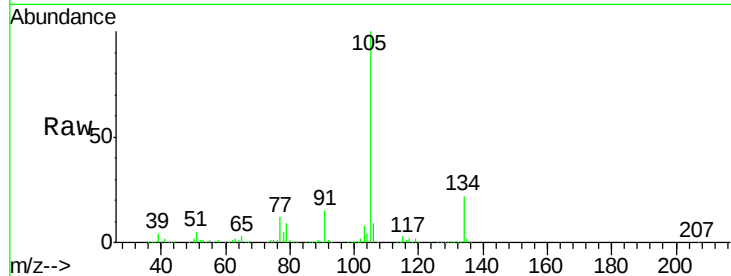
#81
 sec-Butylbenzene
 Concen: 21.94 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.8	0.0	43.4

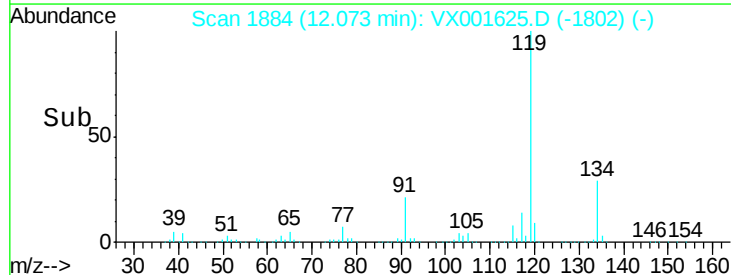
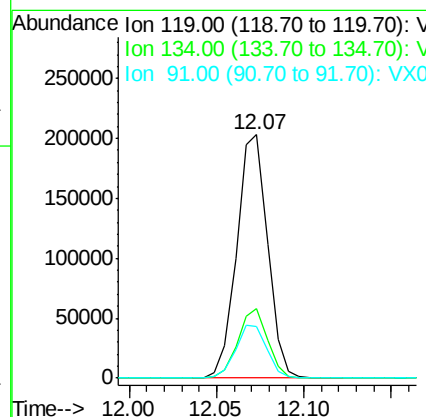
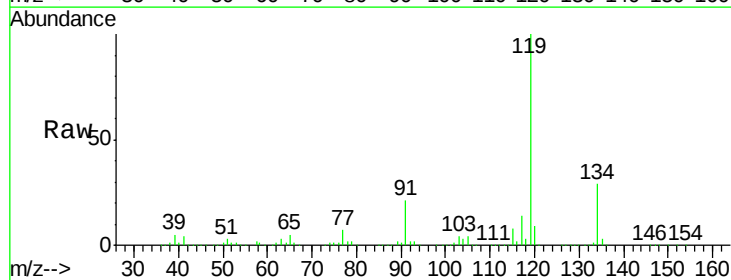
Manual Integrations
 APPROVED

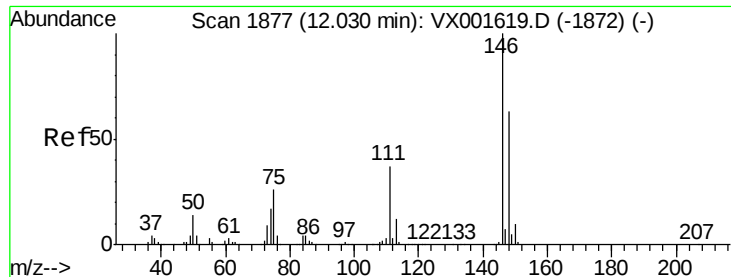
apatel
 5/14/2018 3:57:46 PM



#82
 p-Isopropyltoluene
 Concen: 21.87 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.6	0.0	53.8
91	21.9	0.0	44.0





#83

1,3-Dichlorobenzene

Concen: 21.35 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

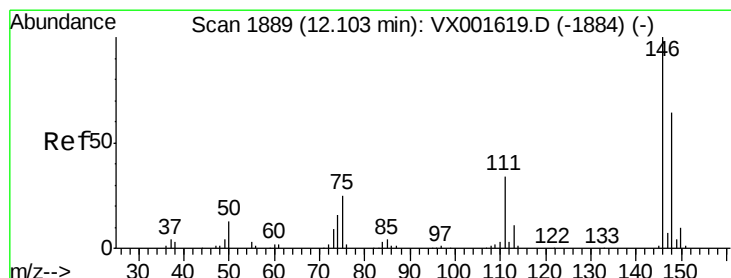
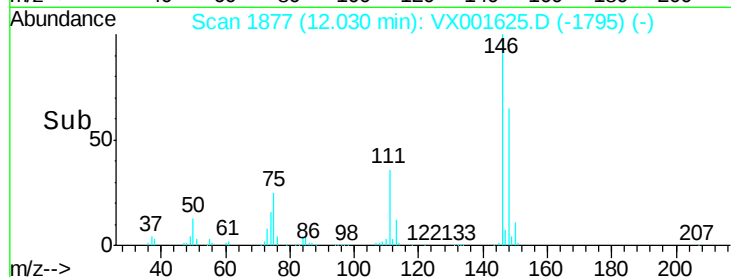
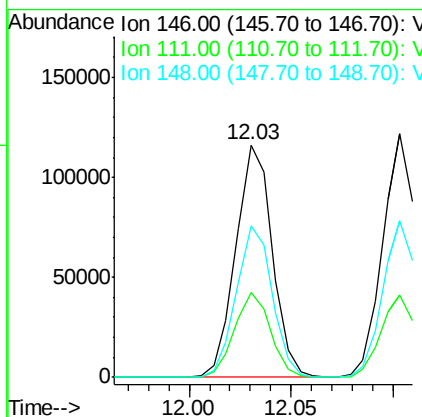
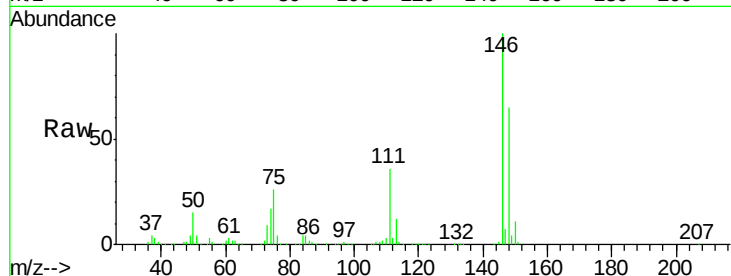
ClientSampleId :

VX0510WBS01

Tot Ion:	146	Resp:	144190
Ion Ratio	Lower	Upper	
146	100		
111	35.8	18.1	54.1
148	64.9	32.2	96.6

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:46 PM



#84

1,4-Dichlorobenzene

Concen: 21.18 ug/l

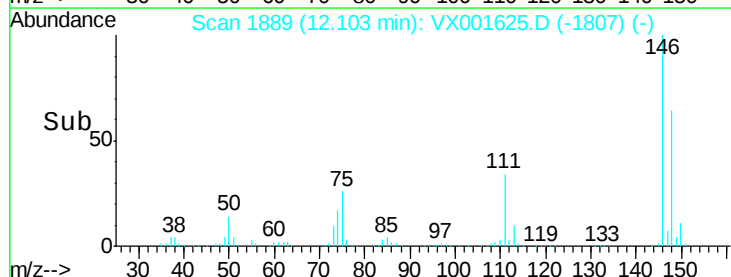
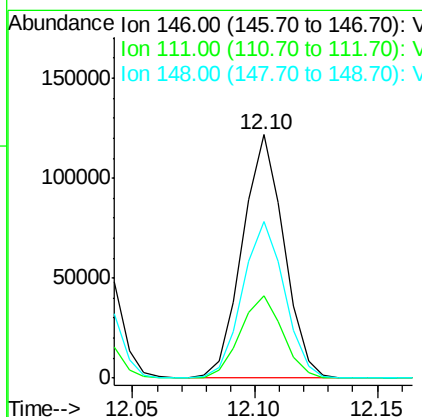
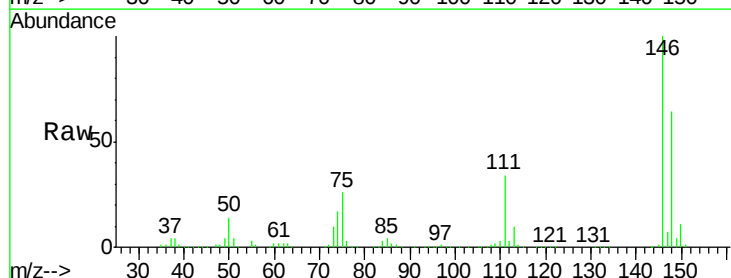
RT: 12.10 min Scan# 1889

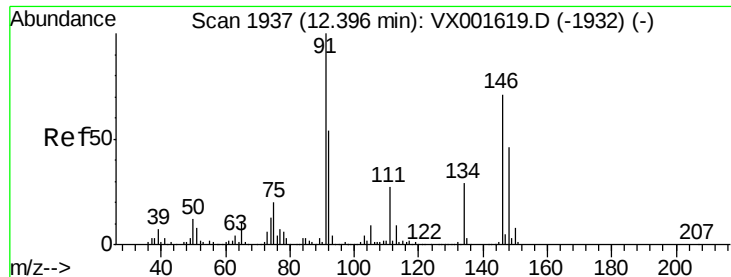
Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Tgt Ion:	146	Resp:	143835
Ion Ratio	Lower	Upper	
146	100		
111	34.4	17.4	52.3
148	65.0	32.5	97.4





#85

n-Butylbenzene

Concen: 21.24 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Instrument :

MSVOA_X

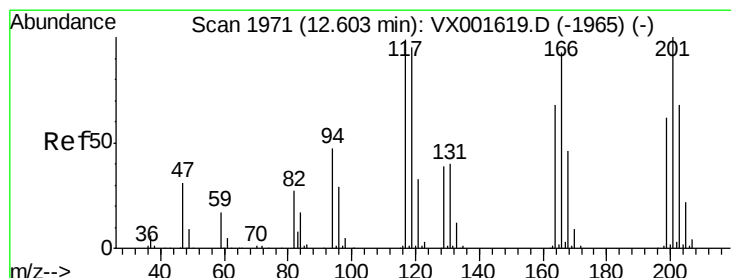
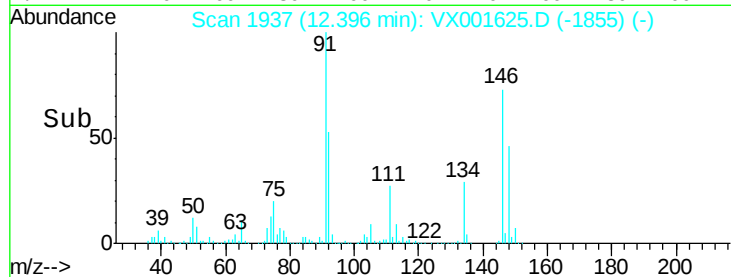
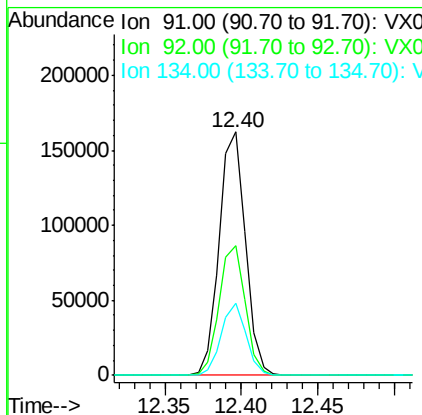
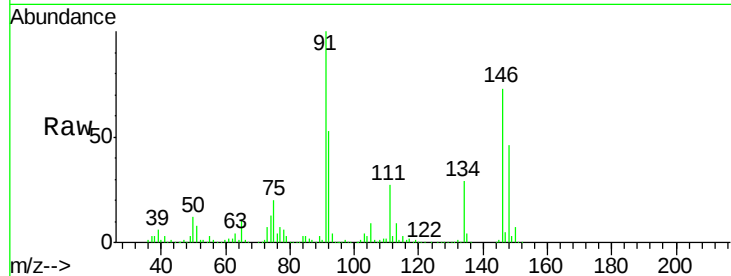
ClientSampleId :

VX0510WBS01

Tot Ion:	91	Resp:	192241
Ion	Ratio	Lower	Upper
91	100		
92	53.3	0.0	107.8
134	28.3	0.0	56.8

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:46 PM



#86

Hexachloroethane

Concen: 20.28 ug/l

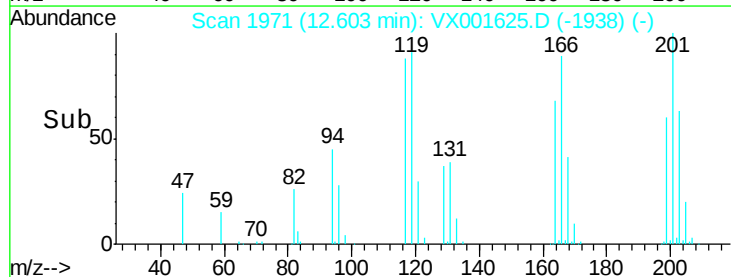
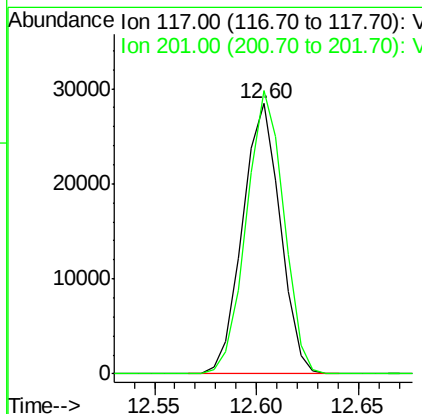
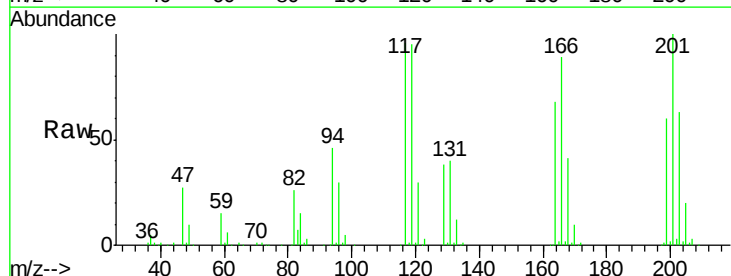
RT: 12.60 min Scan# 1971

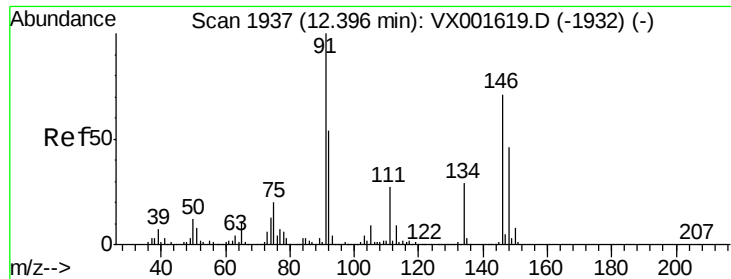
Delta R.T. 0.00 min

Lab File: VX001625.D

Acq: 11 May 2018 02:35

Tgt Ion:	117	Resp:	36616
Ion	Ratio	Lower	Upper
117	100		
201	103.6	50.1	150.3





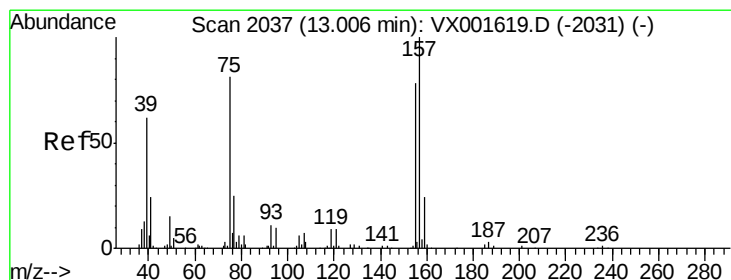
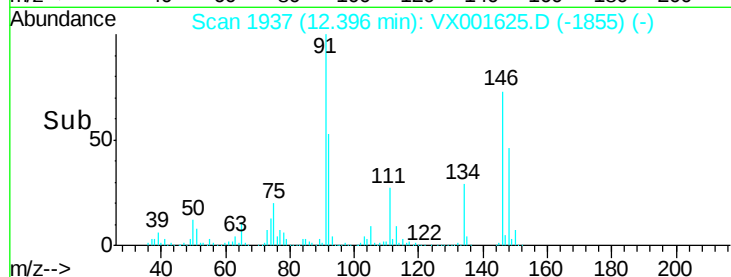
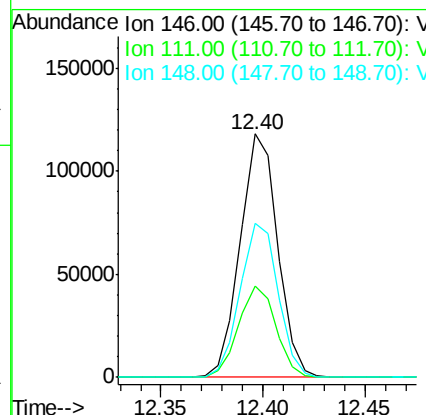
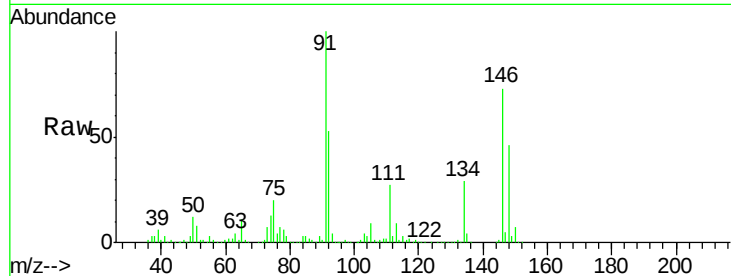
#87
 1,2-Dichlorobenzene
 Concen: 21.45 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	64.5	32.1	96.5

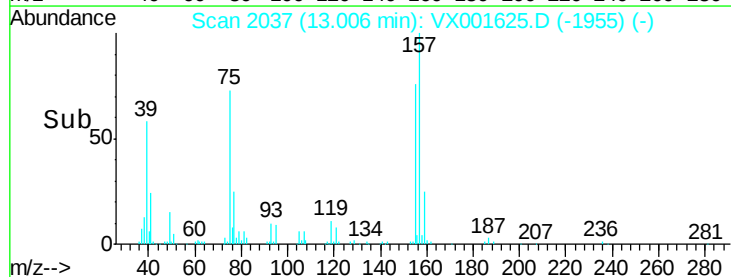
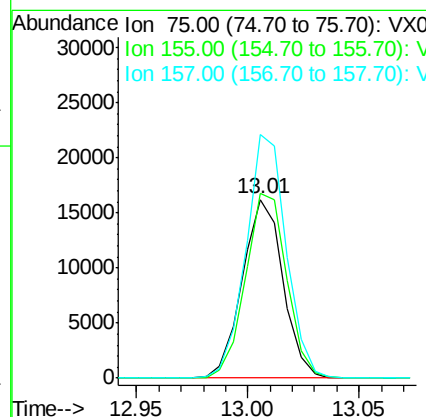
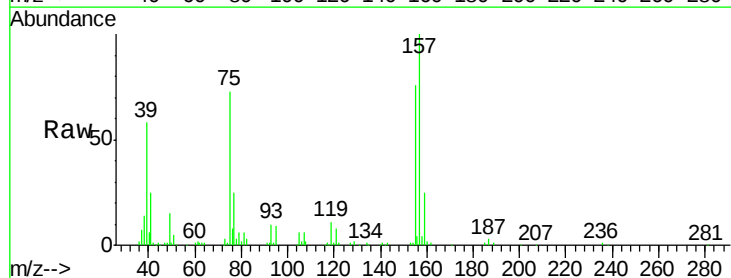
Manual Integrations
 APPROVED

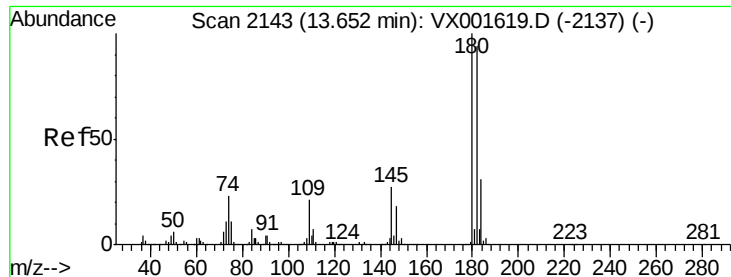
apatel
 5/14/2018 3:57:46 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.71 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001625.D
 Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.7	79.8	119.8
157	135.4	105.4	158.2





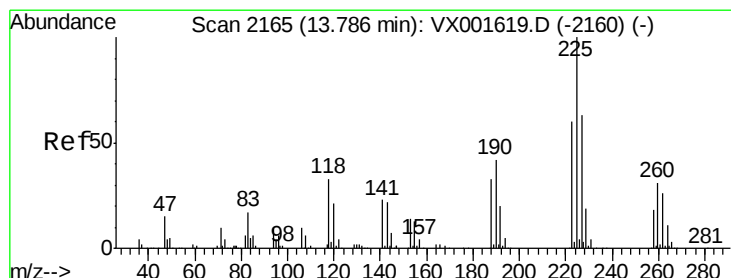
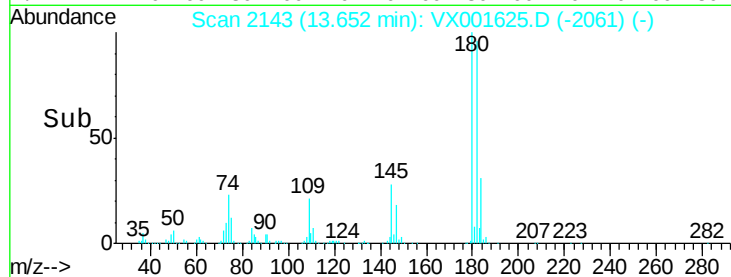
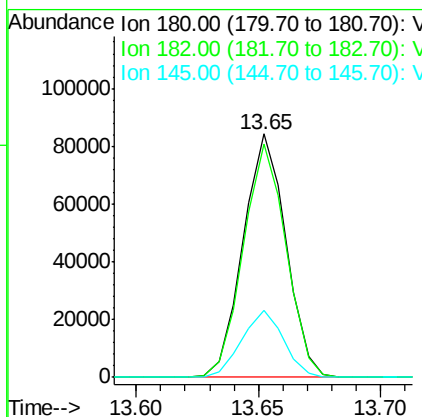
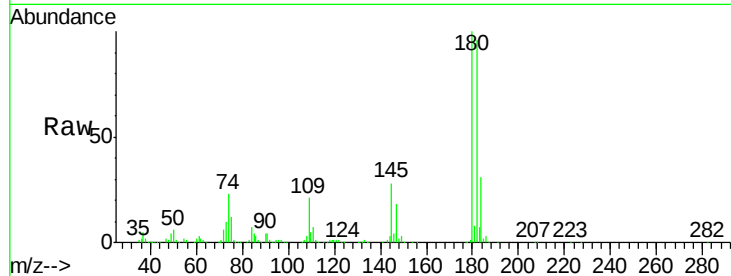
#89
1,2,4-Trichlorobenzene
Concen: 20.57 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102354		
182	95.7	76.6	115.0	
145	27.0	21.5	32.3	

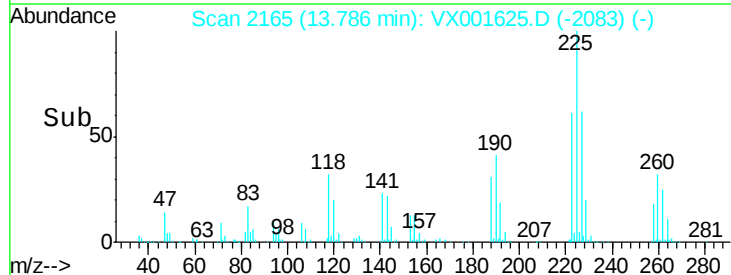
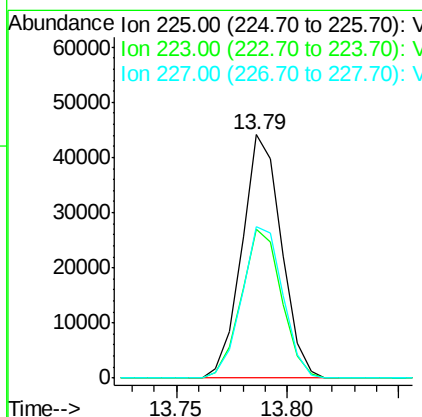
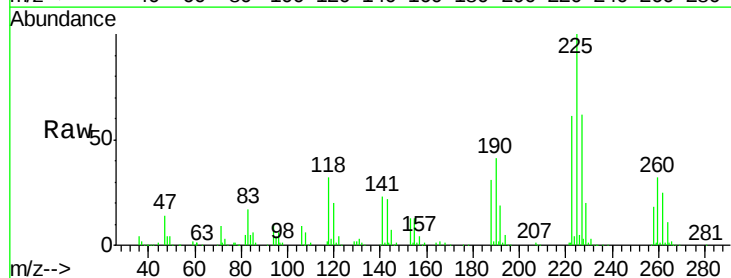
Manual Integrations
APPROVED

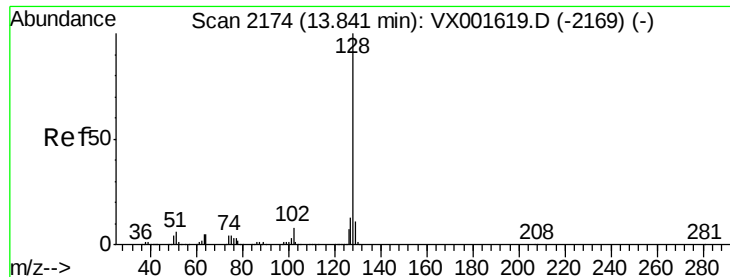
apatel
5/14/2018 3:57:46 PM



#90
Hexachlorobutadiene
Concen: 21.46 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54647		
223	62.3	0.0	120.2	
227	64.3	0.0	126.6	





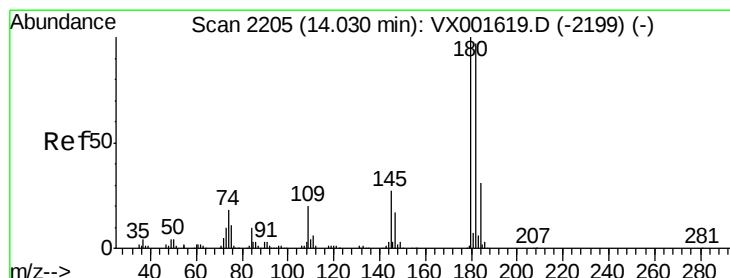
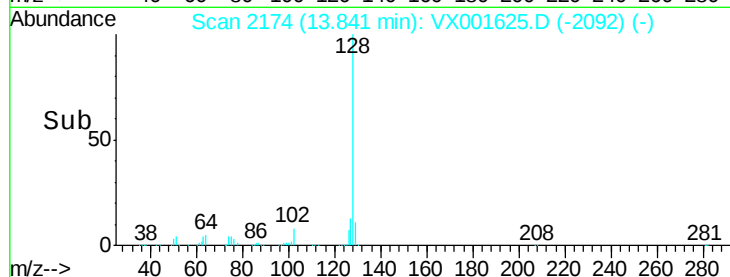
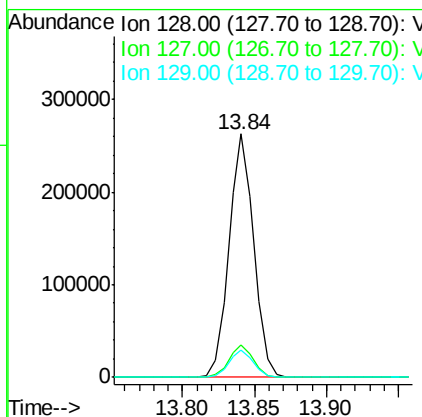
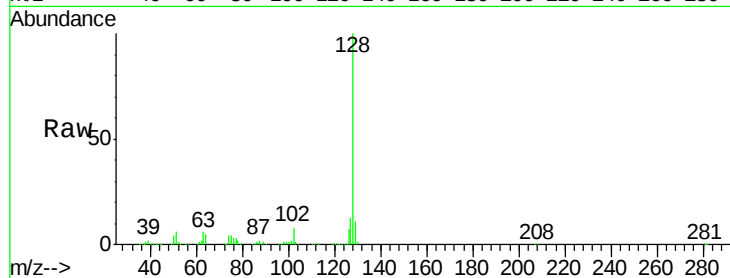
#91
Naphthalene
Concen: 21.30 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	317436		
127	12.9	10.3	15.5	
129	11.1	8.8	13.2	

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:46 PM



#92
1,2,3-Trichlorobenzene
Concen: 21.17 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.01 min
Lab File: VX001625.D
Acq: 11 May 2018 02:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	111392		
182	95.7	0.0	192.2	
145	28.5	0.0	56.0	

