

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008263.D
 Acq On : 14 Jan 2019 23:39
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 1/15/2019 2:08:55 PM

Quant Time: Jan 15 00:37:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	160878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	149663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74101	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	52385	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.88	113	51381	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
50) Toluene-d8	10.32	98	204044	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	72587	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35191m	45.293	ug/l	
3) Chloromethane	2.21	50	42402	42.066	ug/l	100
4) Vinyl Chloride	2.37	62	58693	44.614	ug/l	97
5) Bromomethane	2.78	94	50103	50.840	ug/l	98
6) Chloroethane	2.93	64	41465	41.886	ug/l	98
7) Trichlorofluoromethane	3.26	101	48227	45.091	ug/l	96
8) Diethyl Ether	3.68	74	29456	48.718	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49279	46.407	ug/l	99
10) Methyl Iodide	4.26	142	73960	47.790	ug/l	99
11) Tert butyl alcohol	5.20	59	17118	262.485	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	47983	46.025	ug/l	97
13) Acrolein	3.90	56	19550	274.597	ug/l	96
14) Allyl chloride	4.66	41	83703	44.221	ug/l	97
15) Acrylonitrile	5.37	53	61465	267.015	ug/l	99
16) Acetone	4.13	43	46473	240.864	ug/l	92
17) Carbon Disulfide	4.37	76	146314	44.926	ug/l	99
18) Methyl Acetate	4.68	43	40069	59.252	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	82229	48.516	ug/l	99
20) Methylene Chloride	4.91	84	55794	53.278	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	55953	49.387	ug/l	93
22) Diisopropyl ether	6.31	45	176751	48.962	ug/l	98
23) Vinyl Acetate	6.25	43	476934	251.553	ug/l	98
24) 1,1-Dichloroethane	6.21	63	101239	48.131	ug/l	98
25) 2-Butanone	7.17	43	75202	252.611	ug/l	99
26) 2,2-Dichloropropane	7.16	77	61031	42.823	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	63173	51.107	ug/l	93
28) Bromochloromethane	7.51	49	41859	50.314	ug/l	93
29) Tetrahydrofuran	7.53	42	51651	259.738	ug/l	97
30) Chloroform	7.67	83	102006	50.949	ug/l	100
31) Cyclohexane	7.95	56	93099	41.346	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	84507	48.510	ug/l	98
36) 1,1-Dichloropropene	8.08	75	83061	50.121	ug/l	99
37) Ethyl Acetate	7.25	43	35314	53.190	ug/l	100
38) Carbon Tetrachloride	8.07	117	79816	52.621	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008263.D
 Acq On : 14 Jan 2019 23:39
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 1/15/2019 2:08:55 PM

Quant Time: Jan 15 00:37:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99414	47.311	ug/l	93
40) Benzene	8.32	78	234326	52.132	ug/l	100
41) Methacrylonitrile	7.48	41	22757	54.261	ug/l	97
42) 1,2-Dichloroethane	8.40	62	65238	51.605	ug/l	100
43) Isopropyl Acetate	8.43	43	68715	51.765	ug/l	99
44) Trichloroethene	9.09	130	60553	52.627	ug/l	93
45) 1,2-Dichloropropane	9.37	63	58807	52.765	ug/l	98
46) Dibromomethane	9.46	93	31070	56.765	ug/l	99
47) Bromodichloromethane	9.64	83	75967	54.660	ug/l	95
48) Methyl methacrylate	9.43	41	35577	56.799	ug/l	96
49) 1,4-Dioxane	9.47	88	10060	1142.878	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	179864	279.919	ug/l	100
52) Toluene	10.39	92	152579	53.153	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	74951	51.845	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	88702	51.743	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	43042	56.010	ug/l	96
56) Ethyl methacrylate	10.65	69	53817	56.549	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76310	54.297	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	131138	266.760	ug/l	97
59) 2-Hexanone	10.97	43	120126	276.452	ug/l	99
60) Dibromochloromethane	11.13	129	51574	61.116	ug/l	100
61) 1,2-Dibromoethane	11.24	107	41685	57.167	ug/l	100
64) Tetrachloroethene	10.86	164	51542	52.918	ug/l	98
65) Chlorobenzene	11.66	112	162807	51.347	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	56479	54.766	ug/l	99
67) Ethyl Benzene	11.73	91	290405	50.056	ug/l	99
68) m/p-Xylenes	11.84	106	227604	102.784	ug/l	96
69) o-Xylene	12.17	106	106622	51.995	ug/l	96
70) Styrene	12.18	104	174688	54.388	ug/l	98
71) Bromoform	12.35	173	28952	62.727	ug/l #	96
73) Isopropylbenzene	12.47	105	287669	49.448	ug/l	100
74) N-amyl acetate	12.27	43	64768	50.272	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	51169	54.950	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37476m	55.478	ug/l	
77) Bromobenzene	12.75	156	65910	53.618	ug/l	90
78) n-propylbenzene	12.81	91	344348	48.308	ug/l	98
79) 2-Chlorotoluene	12.90	91	193902	48.757	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	236712	49.514	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	15447	53.251	ug/l	95
82) 4-Chlorotoluene	12.99	91	202413	48.326	ug/l	97
83) tert-Butylbenzene	13.21	119	210884	49.861	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	244342	49.555	ug/l	99
85) sec-Butylbenzene	13.39	105	293428	47.362	ug/l	98
86) p-Isopropyltoluene	13.51	119	256343	47.914	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	126892	50.888	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	128700	51.443	ug/l	97
89) n-Butylbenzene	13.83	91	251762	48.047	ug/l	99
90) Hexachloroethane	14.10	117	47473	52.534	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	116599	53.206	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8196	54.691	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
Data File : VW008263.D
Acq On : 14 Jan 2019 23:39
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

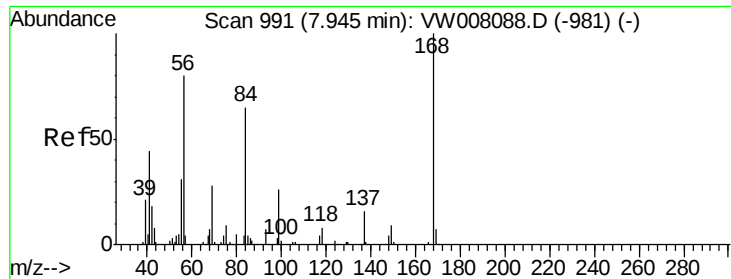
Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM

Quant Time: Jan 15 00:37:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	77713	53.412	ug/l	97
94) Hexachlorobutadiene	15.24	225	42522	54.603	ug/l	99
95) Naphthalene	15.38	128	149265	54.943	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	68295	55.062	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 95200

Ion Ratio Lower Upper

168 100

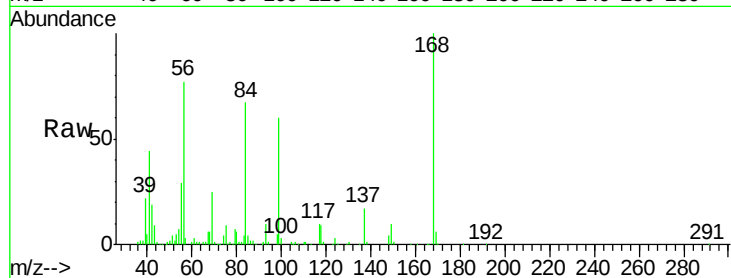
99 59.3 52.6 78.8

Manual Integrations

APPROVED

apatel

1/15/2019 2:08:55 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

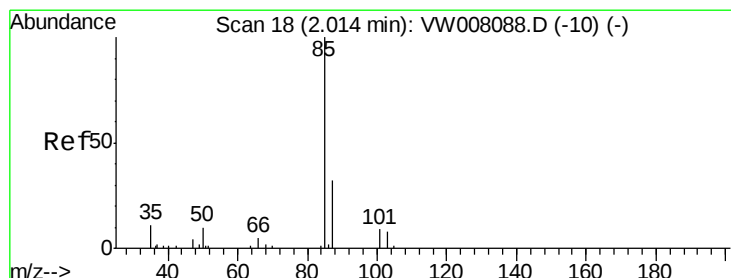
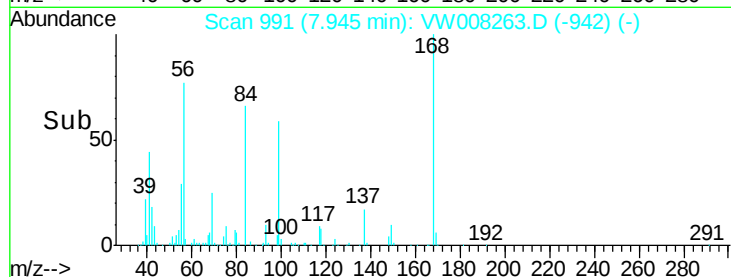
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 45.293 ug/l m

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008263.D

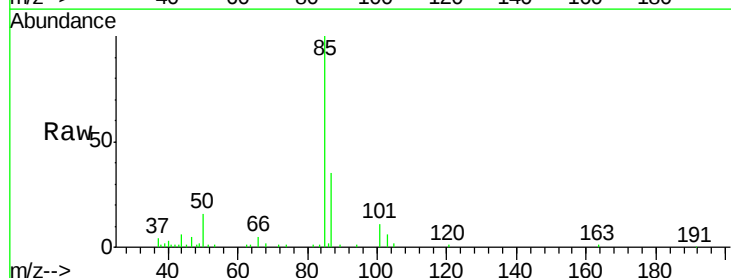
Acq: 14 Jan 2019 23:39

Tgt Ion: 85 Resp: 35191

Ion Ratio Lower Upper

85 100

87 34.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

12000

10000

8000

6000

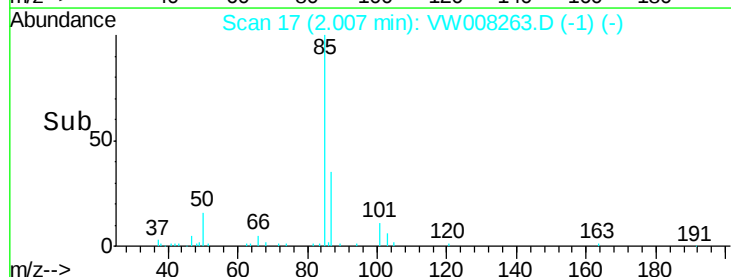
4000

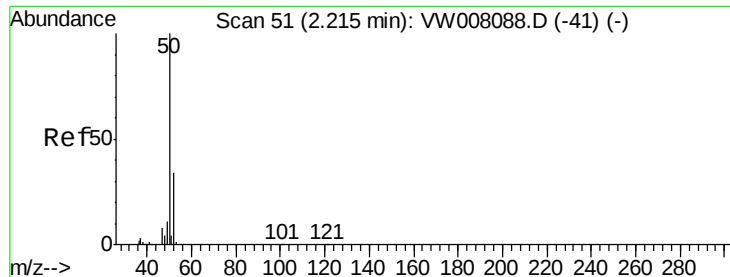
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 42.066 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 42402

Ion Ratio Lower Upper

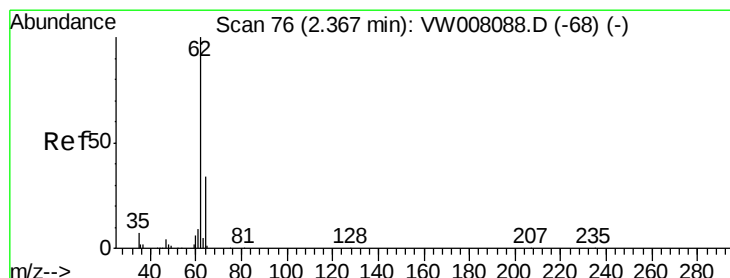
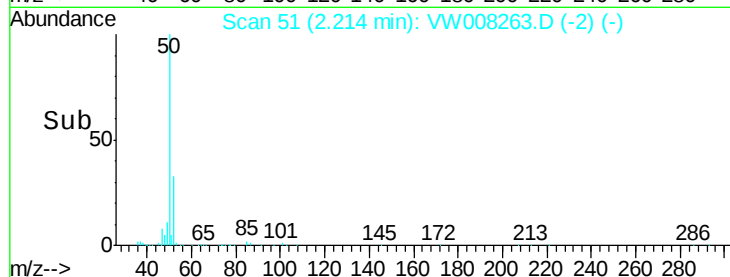
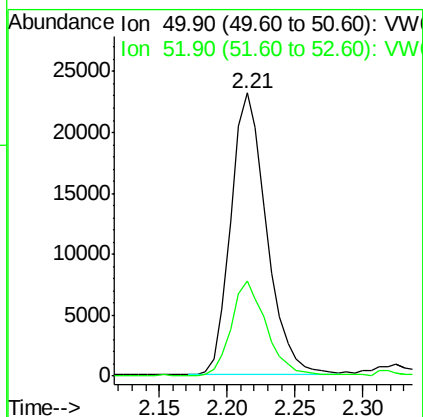
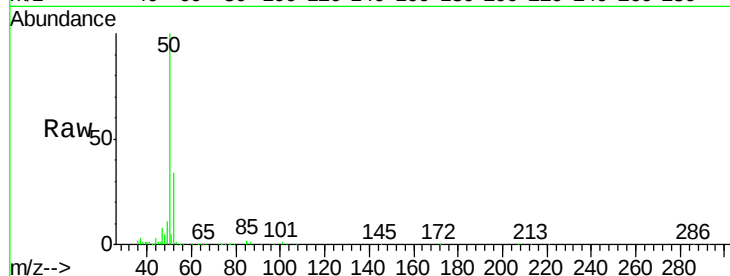
50 100

52 33.7 26.8 40.2

Manual Integrations
APPROVED

apatel

1/15/2019 2:08:55 PM



#4

Vinyl Chloride

Concen: 44.614 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008263.D

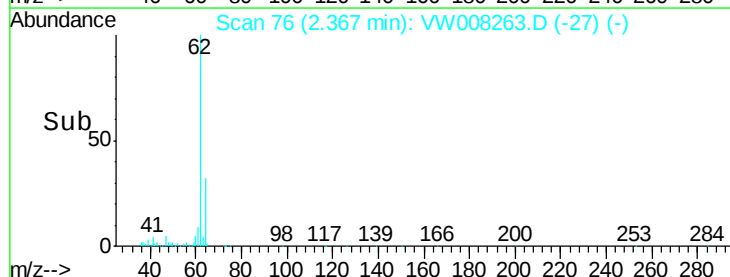
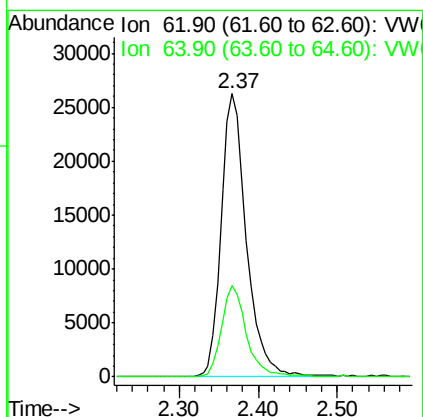
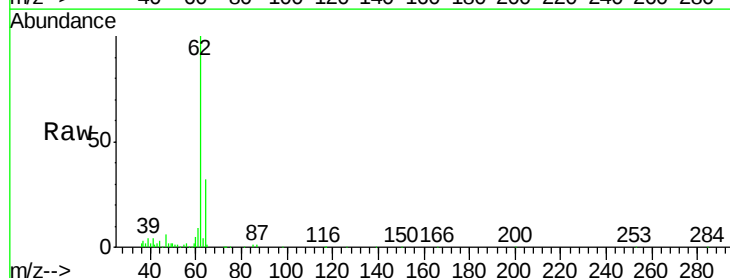
Acq: 14 Jan 2019 23:39

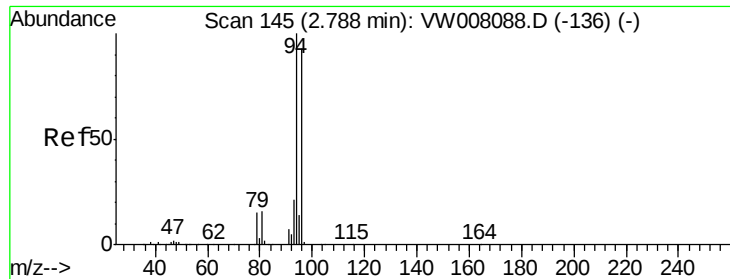
Tgt Ion: 62 Resp: 58693

Ion Ratio Lower Upper

62 100

64 31.9 27.0 40.6





#5

Bromomethane

Concen: 50.840 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 50103

Ion Ratio Lower Upper

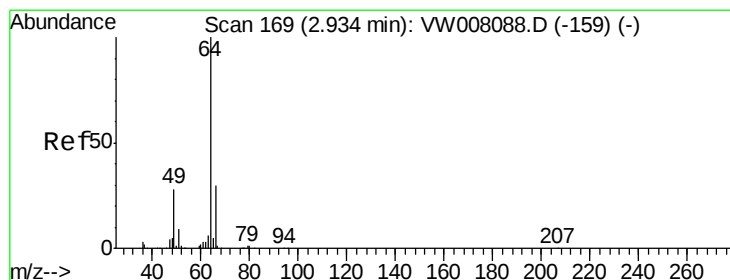
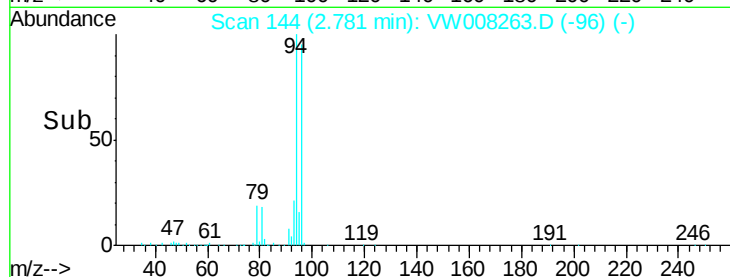
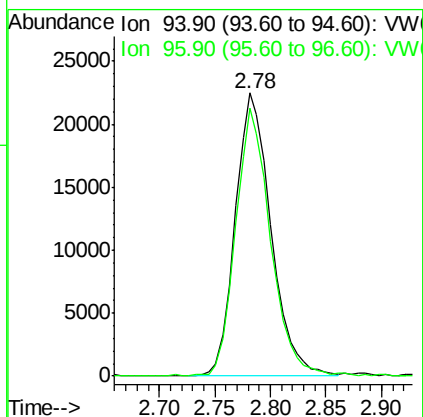
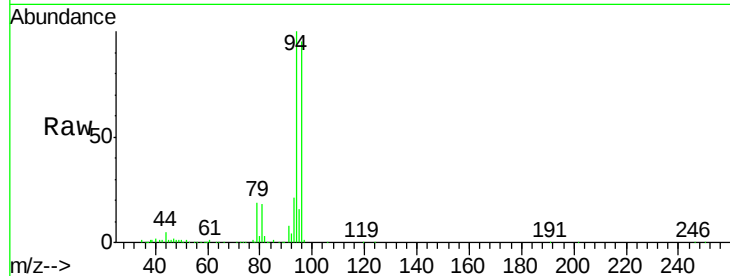
94 100

96 94.4 74.1 111.1

Manual Integrations
APPROVED

apatel

1/15/2019 2:08:55 PM



#6

Chloroethane

Concen: 41.886 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008263.D

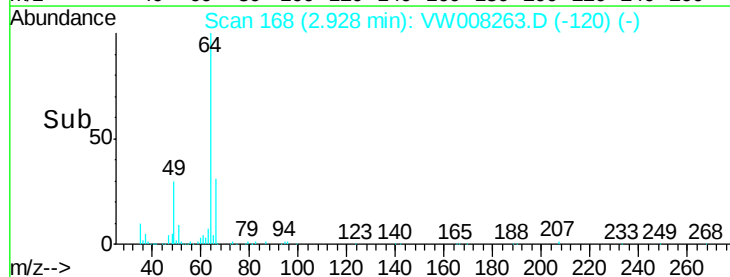
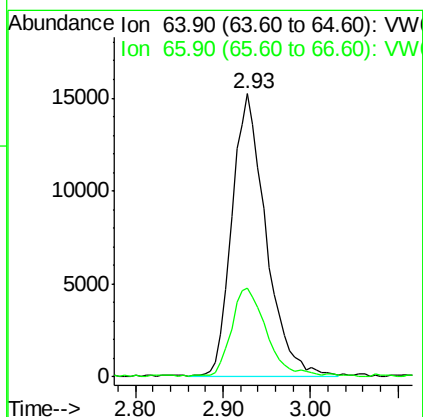
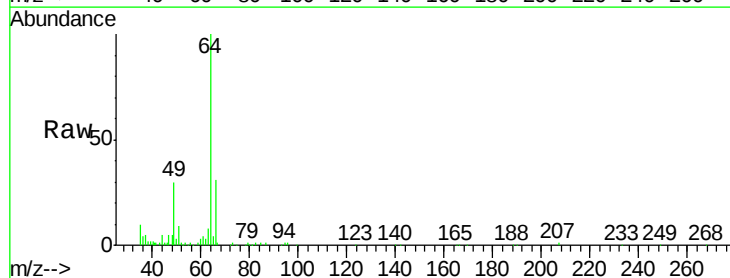
Acq: 14 Jan 2019 23:39

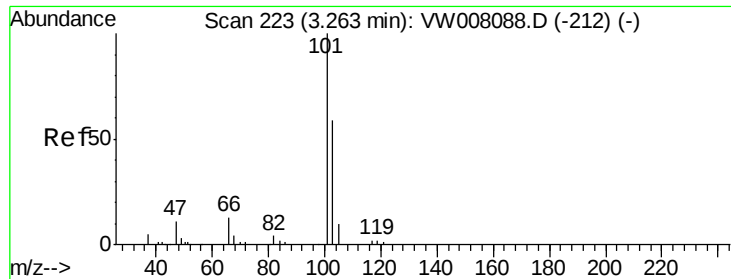
Tgt Ion: 64 Resp: 41465

Ion Ratio Lower Upper

64 100

66 31.2 24.2 36.2





#7

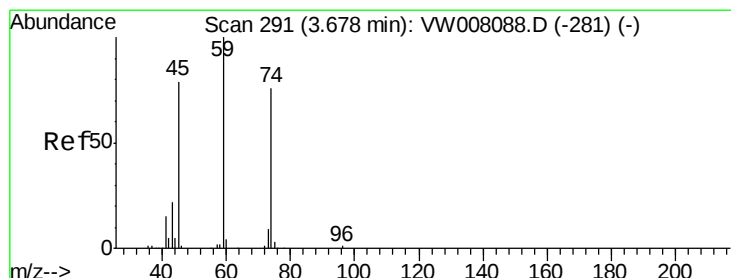
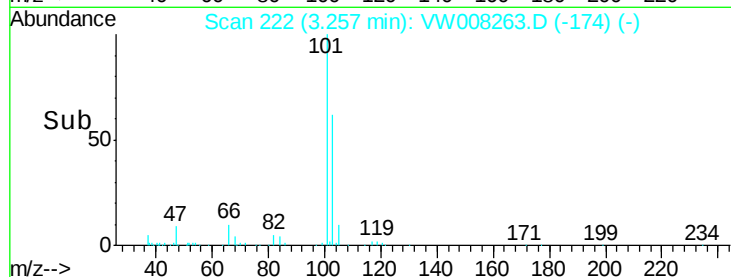
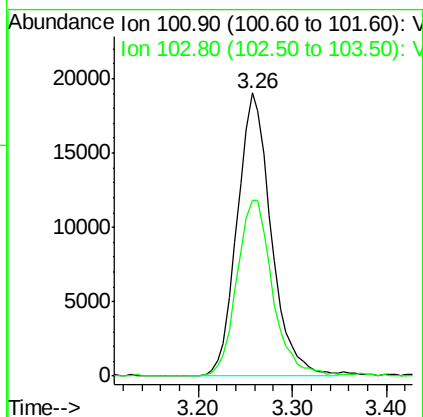
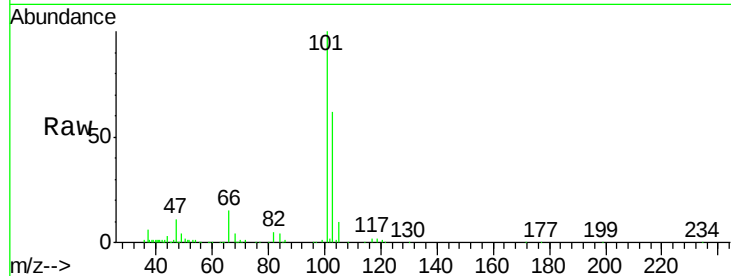
Trichlorofluoromethane
 Concen: 45.091 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	47.0	70.6

Manual Integrations
 APPROVED

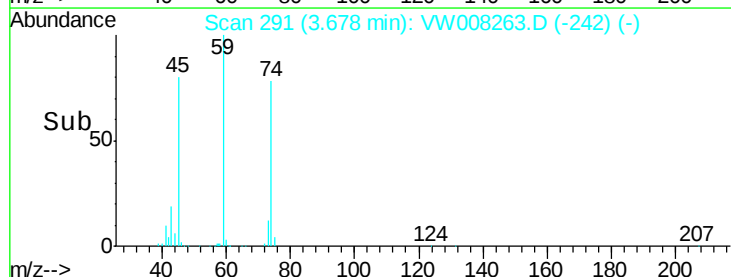
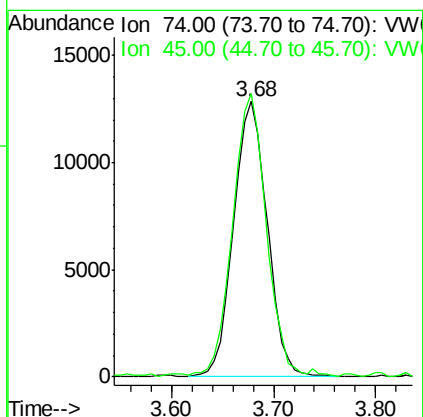
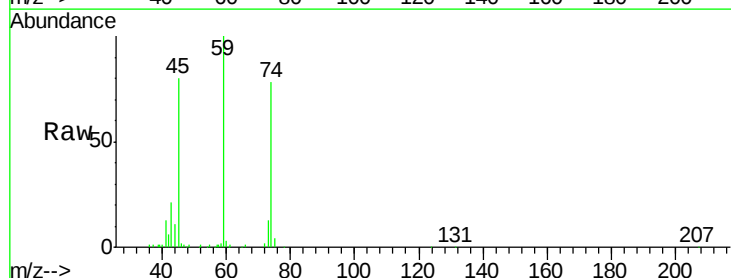
apatel
 1/15/2019 2:08:55 PM

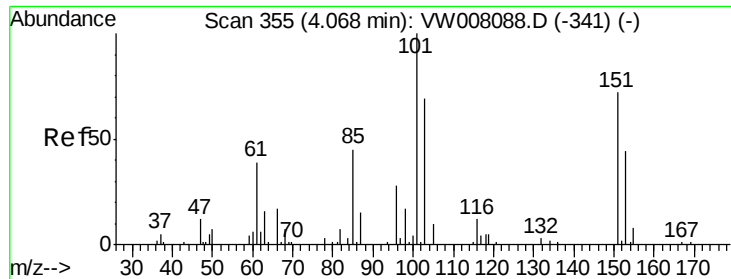


#8

Diethyl Ether
 Concen: 48.718 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.407 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

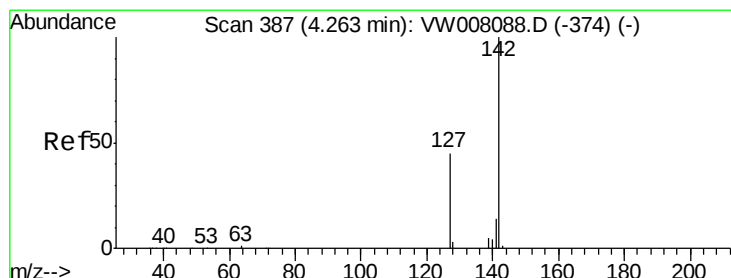
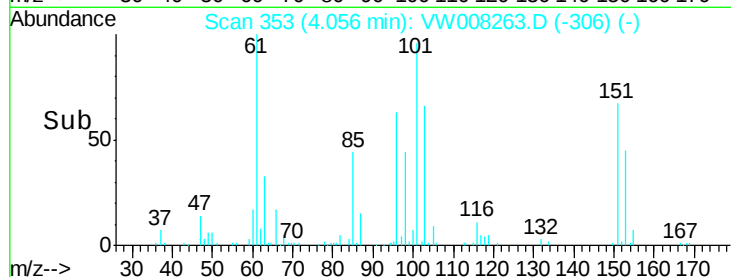
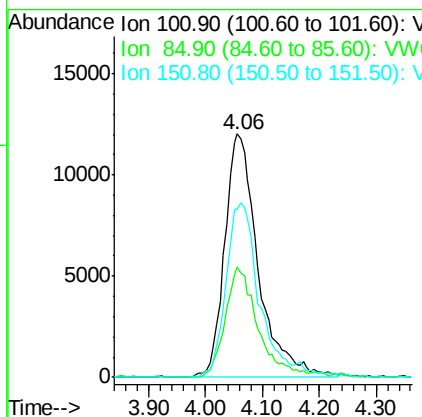
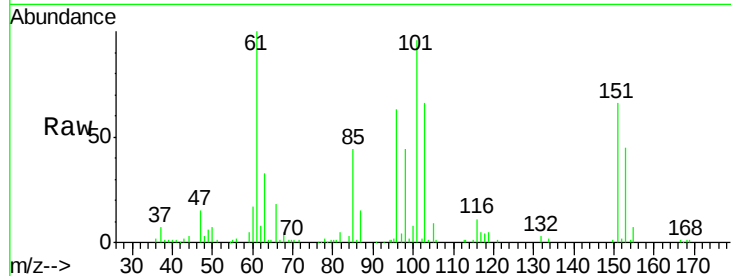
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	49279
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.9	53.9
151	69.5	55.8	83.8

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM



#10

Methyl Iodide

Concen: 47.790 ug/l

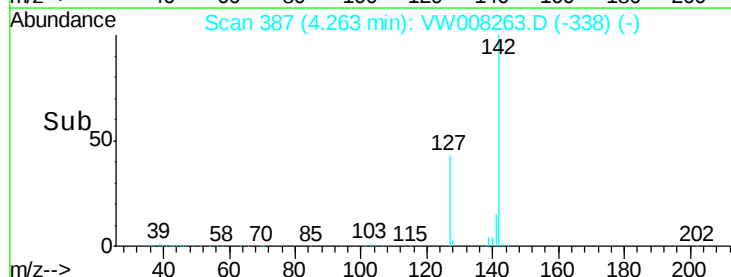
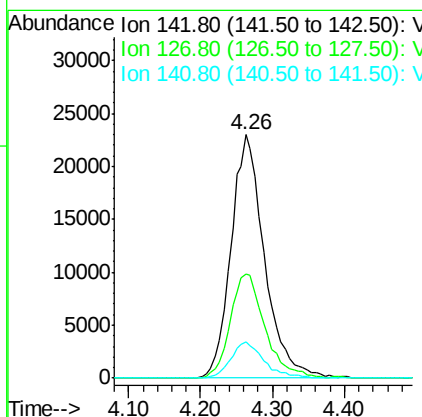
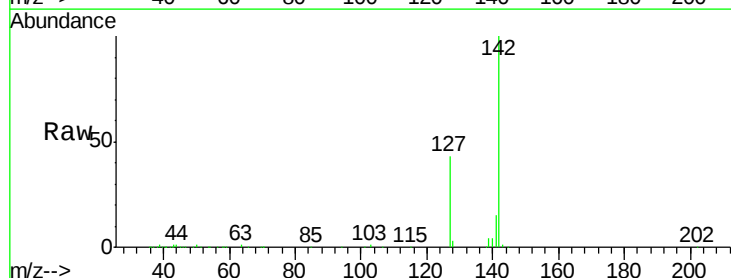
RT: 4.26 min Scan# 387

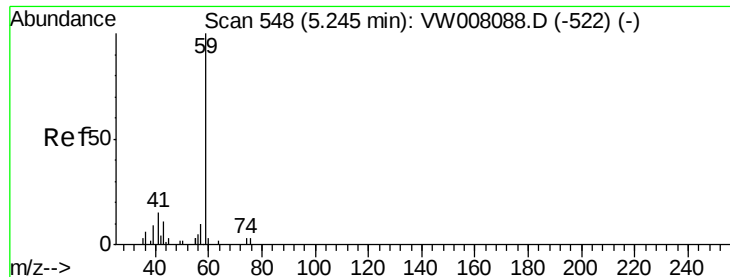
Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion:	142	Resp:	73960
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.0	52.4
141	14.9	11.8	17.6





#11

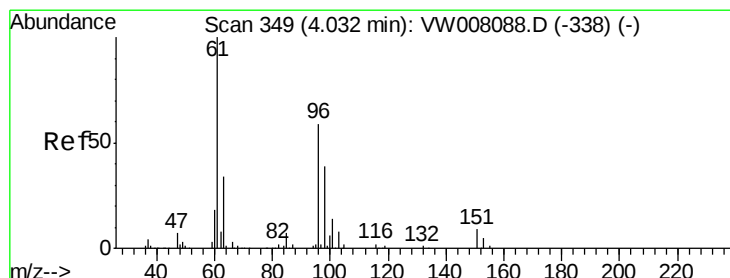
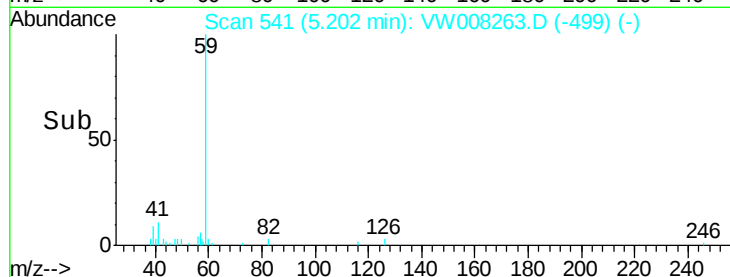
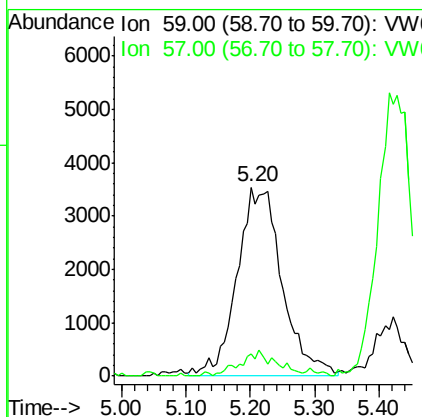
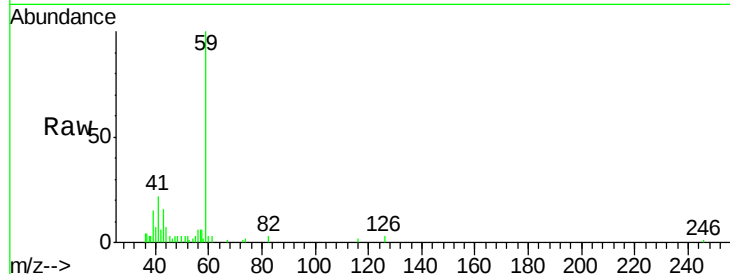
Tert butyl alcohol
Concen: 262.485 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.04 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	17118
Ion Ratio	100	Lower	Upper
57	0.0	0.0	0.0

Manual Integrations
APPROVED

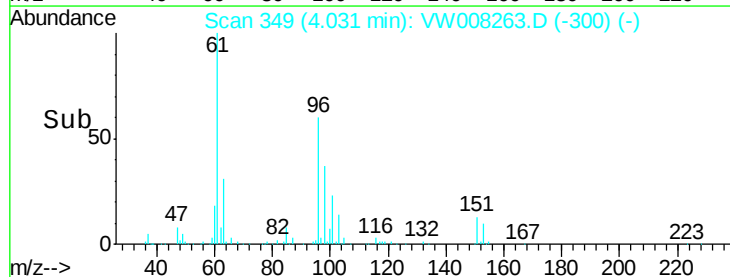
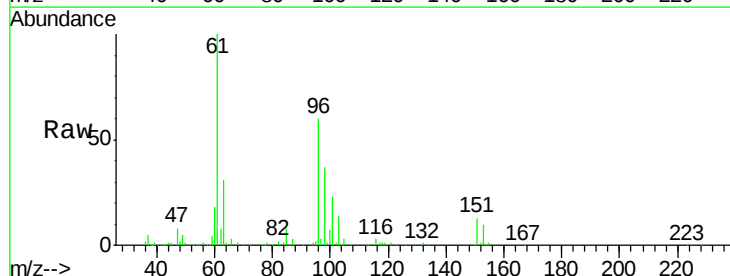
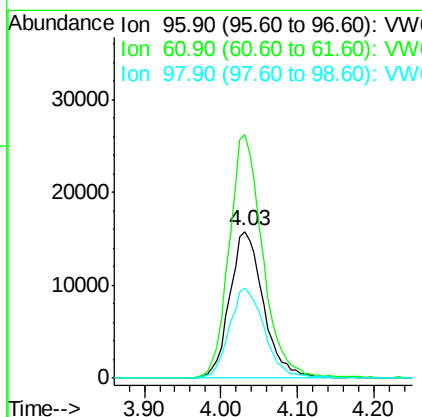
apatel
1/15/2019 2:08:55 PM

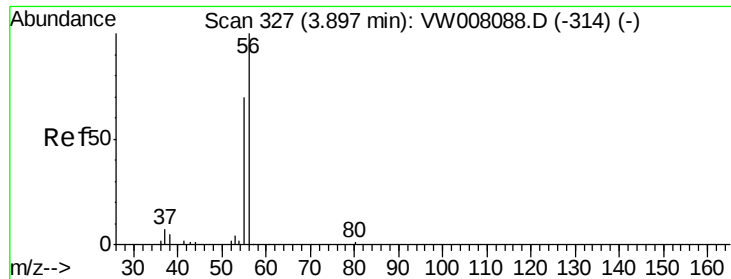


#12

1,1-Dichloroethene
Concen: 46.025 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion	96	Resp	47983
Ion Ratio	100	Lower	Upper
61	165.9	135.4	203.2
98	61.9	52.5	78.7





#13

Acrolein

Concen: 274.597 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 19550

Ion Ratio Lower Upper

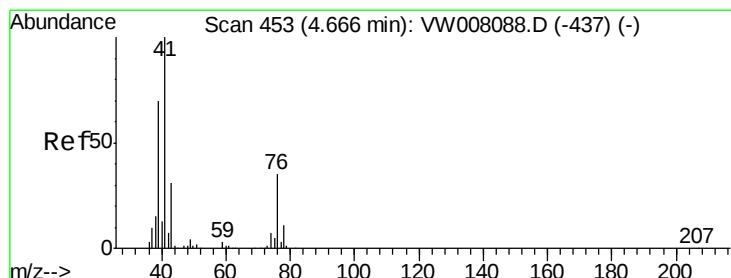
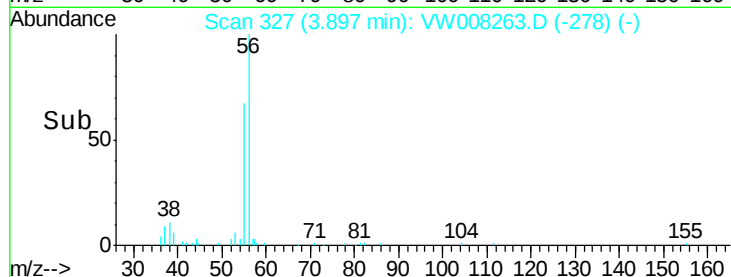
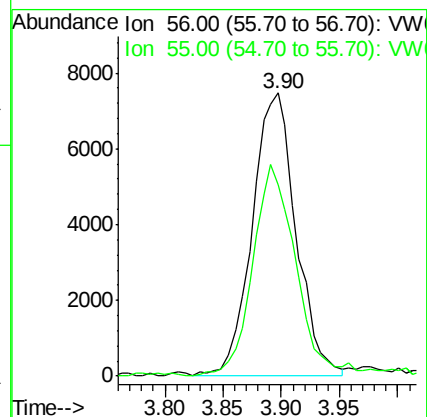
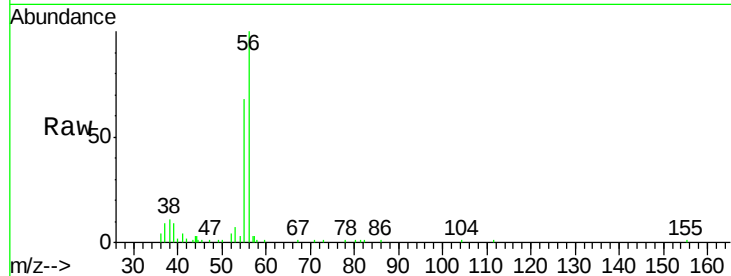
56 100

55 73.7 56.6 84.8

Manual Integrations
APPROVED

apatel

1/15/2019 2:08:55 PM



#14

Allyl chloride

Concen: 44.221 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

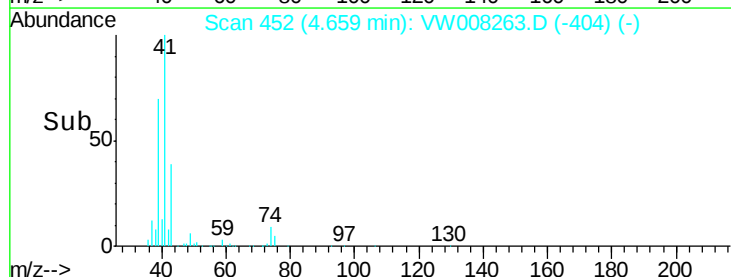
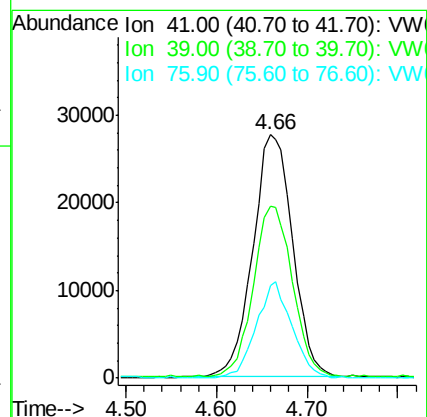
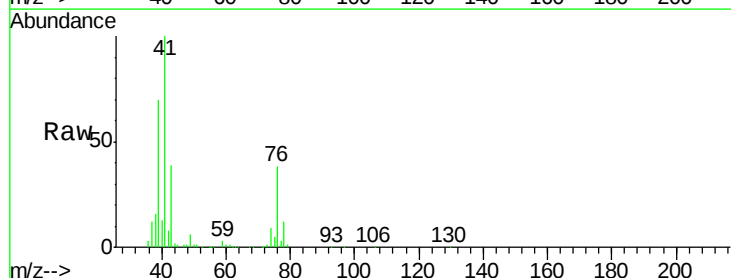
Tgt Ion: 41 Resp: 83703

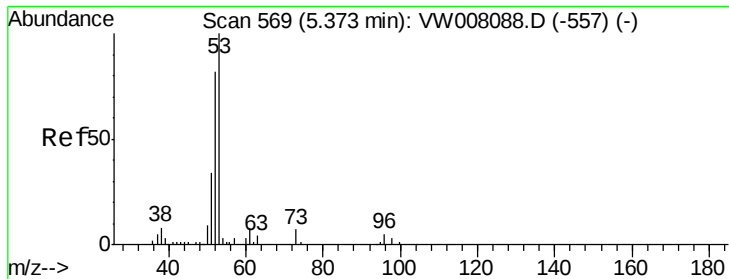
Ion Ratio Lower Upper

41 100

39 69.5 53.8 80.8

76 36.0 27.6 41.4





#15

Acrylonitrile

Concen: 267.015 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

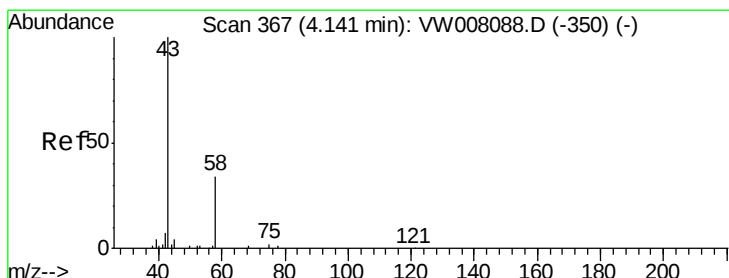
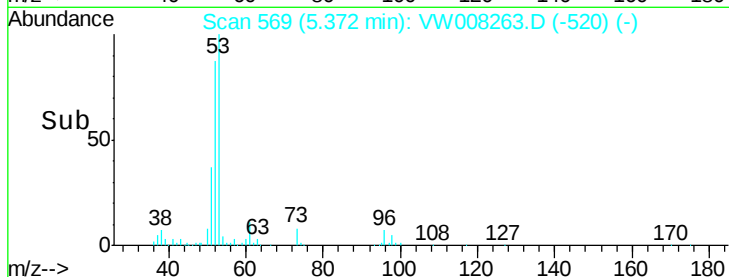
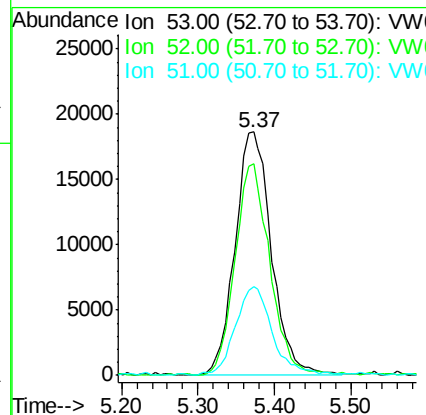
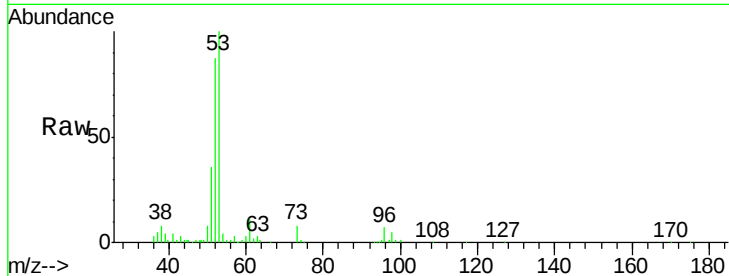
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	61465
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.8	100.2
51	36.3	29.7	44.5

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM



#16

Acetone

Concen: 240.864 ug/l

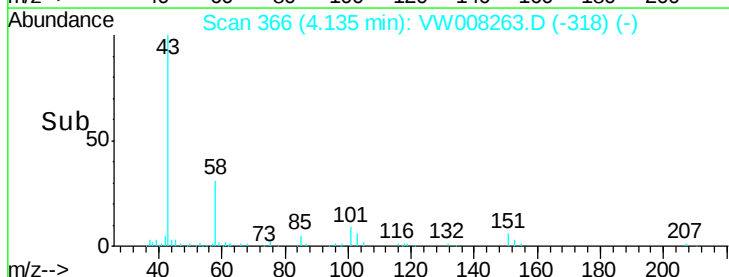
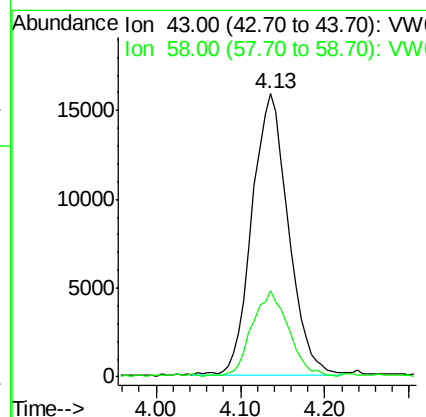
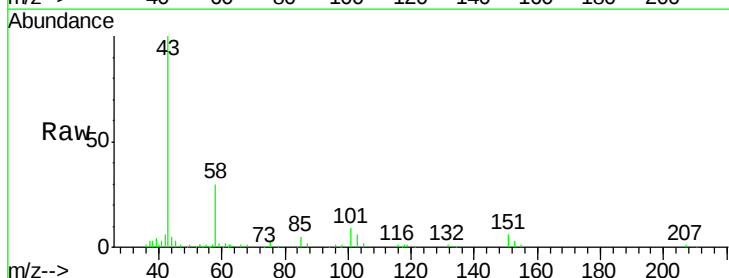
RT: 4.13 min Scan# 366

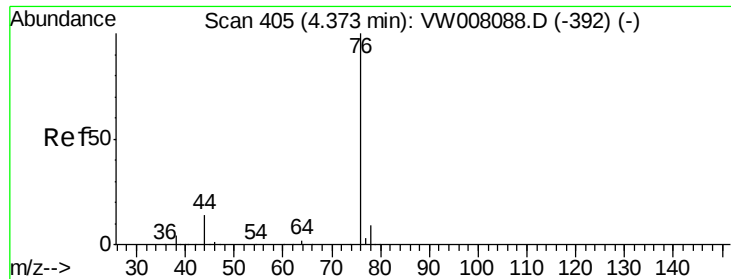
Delta R.T. -0.01 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion:	43	Resp:	46473
Ion	Ratio	Lower	Upper
43	100		
58	29.6	27.5	41.3





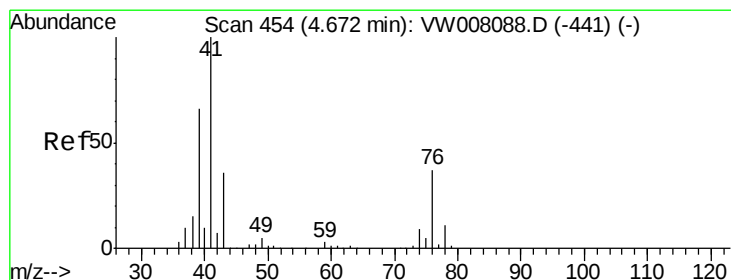
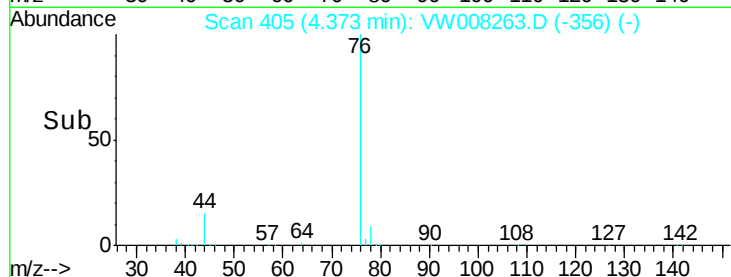
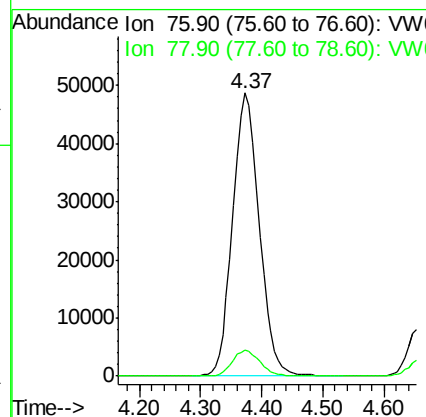
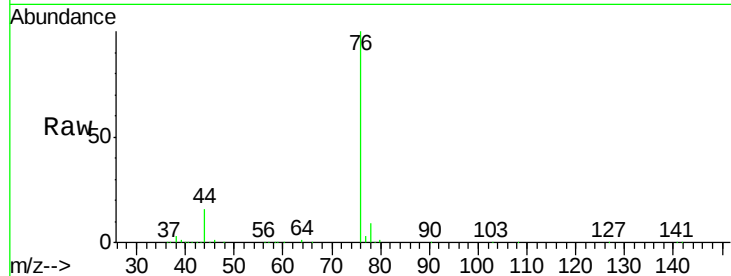
#17
Carbon Disulfide
Concen: 44.926 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

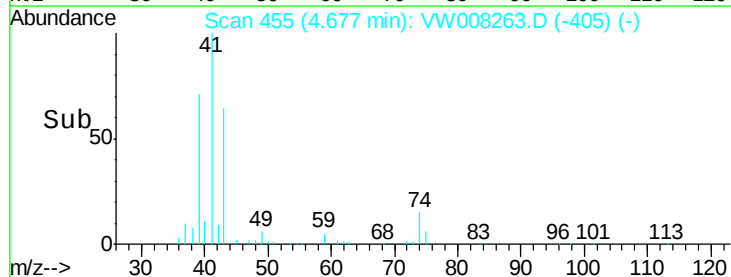
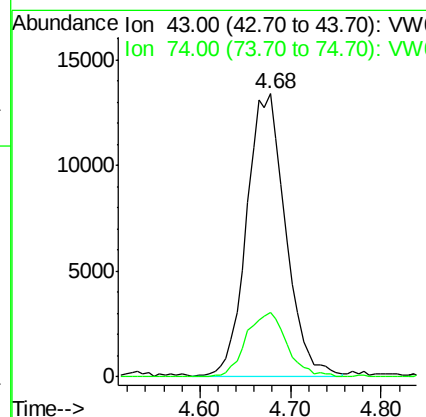
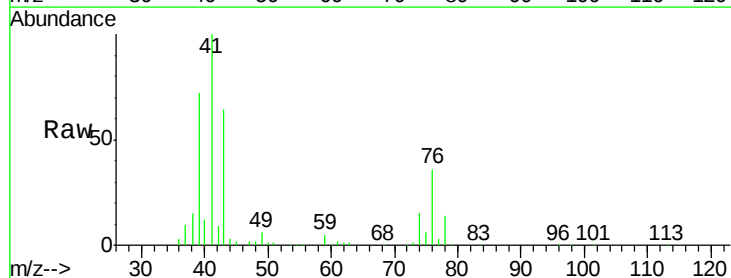
Manual Integrations
APPROVED

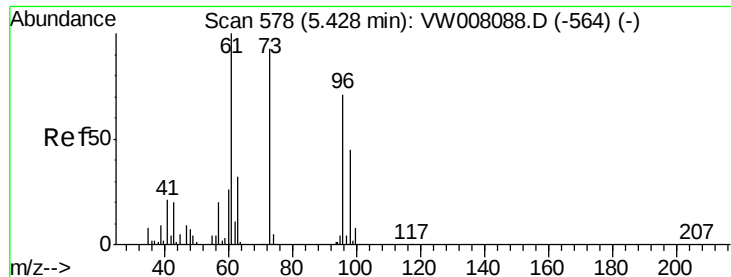
apatel
1/15/2019 2:08:55 PM



#18
Methyl Acetate
Concen: 59.252 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.0	28.4





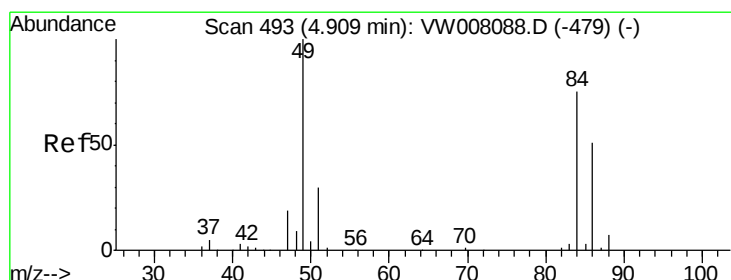
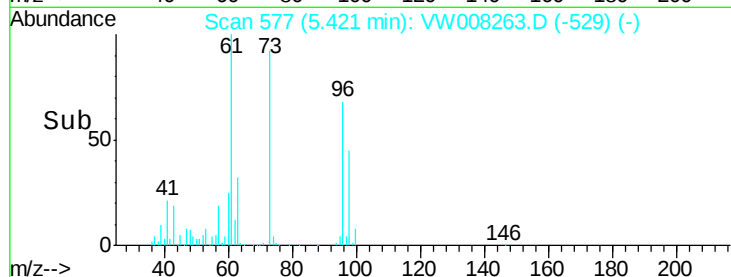
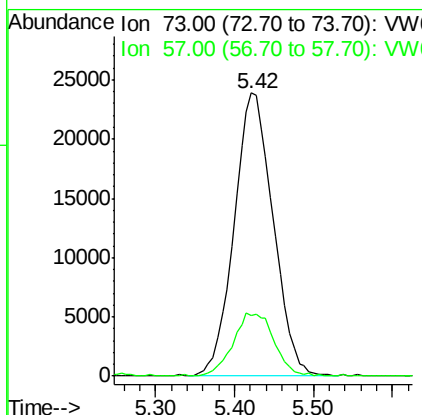
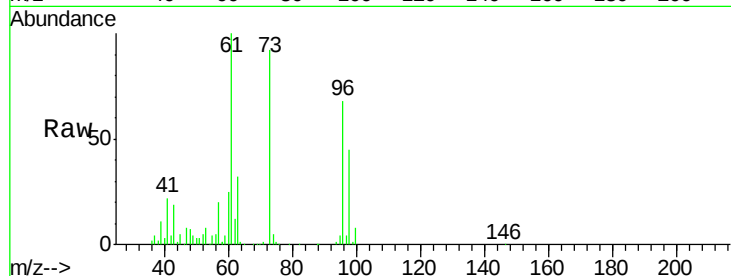
#19
Methvl tert-butvl Ether
Concen: 48.516 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 82229
Ion Ratio Lower Upper
73 100
57 21.4 16.7 25.1

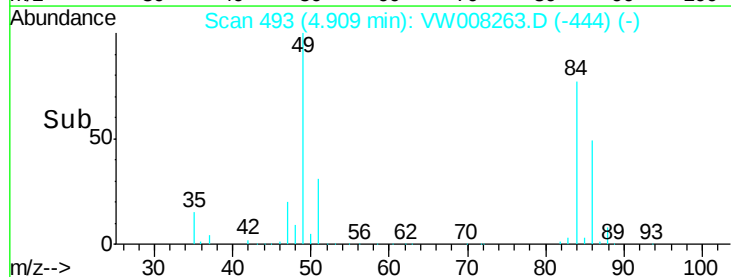
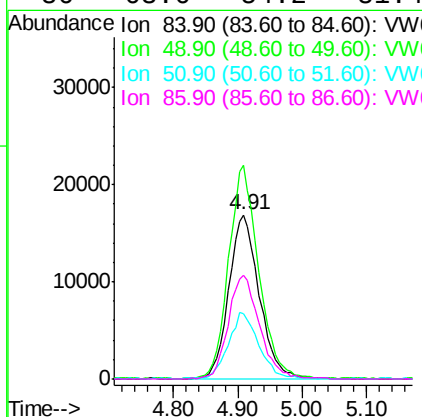
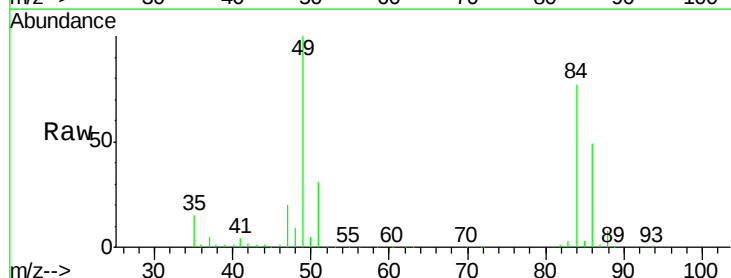
Manual Integrations
APPROVED

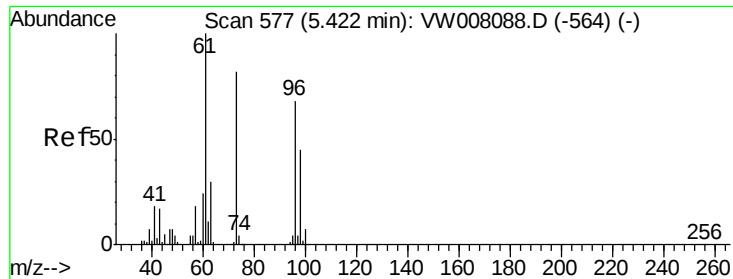
apatel
1/15/2019 2:08:55 PM



#20
Methylene Chloride
Concen: 53.278 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion: 84 Resp: 55794
Ion Ratio Lower Upper
84 100
49 130.0 107.1 160.7
51 39.8 32.4 48.6
86 63.6 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 49.387 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

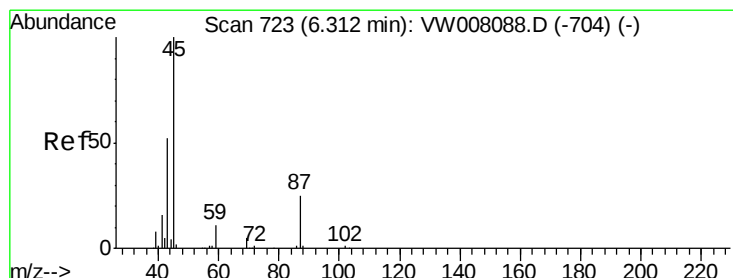
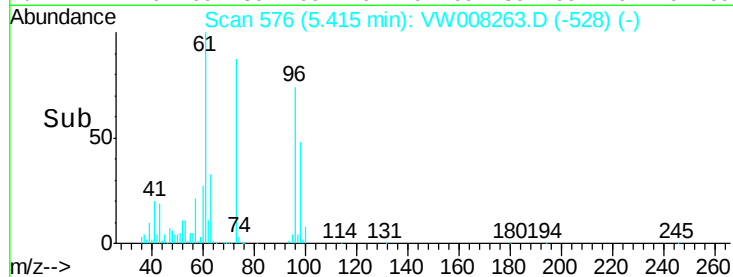
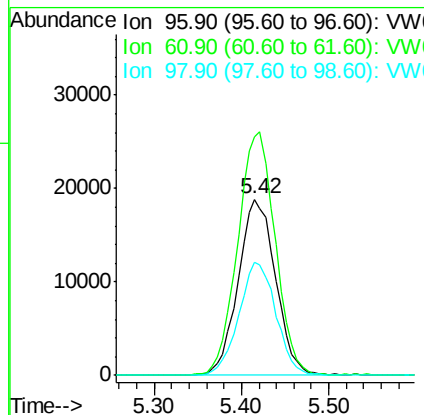
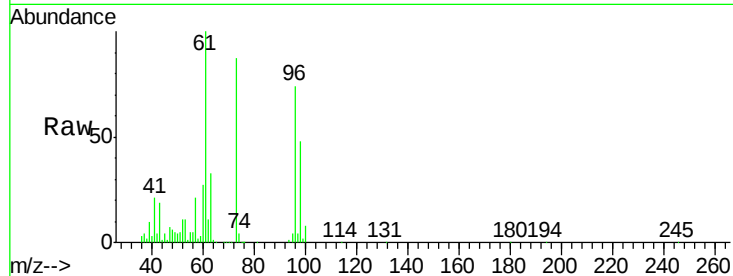
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	55953
Ion	Ratio	Lower	Upper
96	100		
61	135.1	117.4	176.0
98	64.5	52.2	78.4

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM



#22

Diisopropyl ether

Concen: 48.962 ug/l

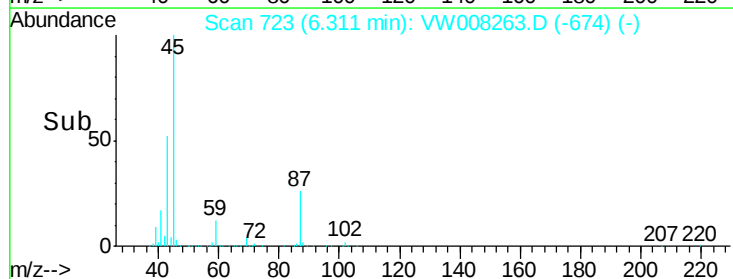
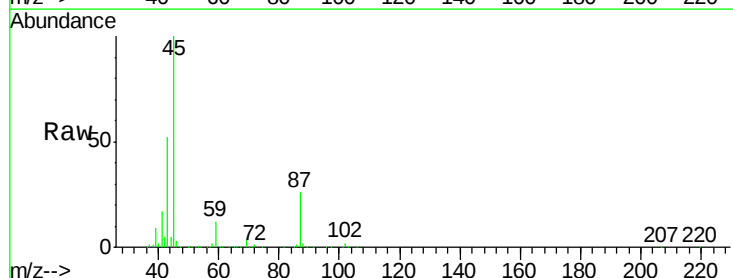
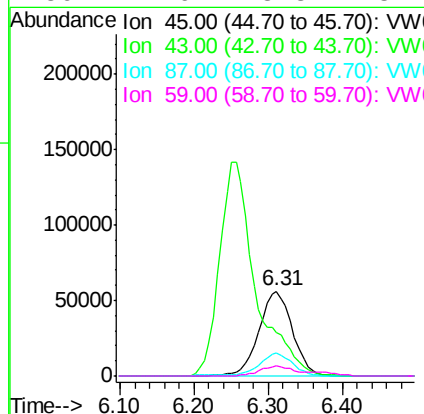
RT: 6.31 min Scan# 723

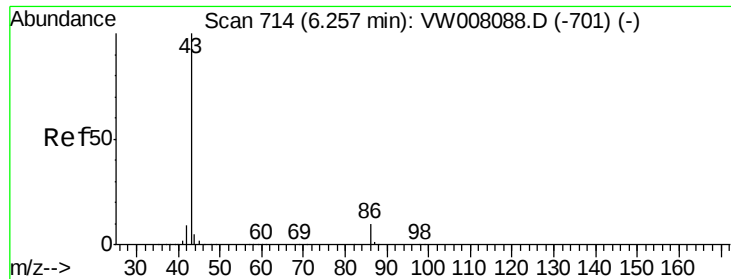
Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion:	45	Resp:	176751
Ion	Ratio	Lower	Upper
45	100		
43	51.0	41.7	62.5
87	26.4	20.1	30.1
59	11.6	8.8	13.2





#23

Vinyl Acetate

Concen: 251.553 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 476934

Ion Ratio Lower Upper

43 100

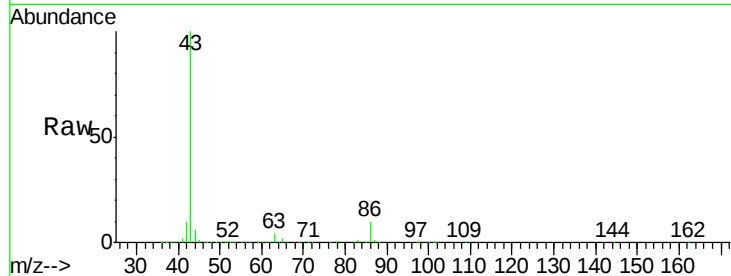
86 10.3 7.7 11.5

Manual Integrations

APPROVED

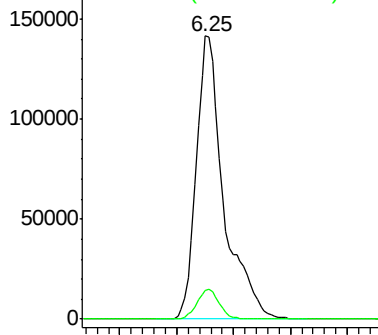
apatel

1/15/2019 2:08:55 PM

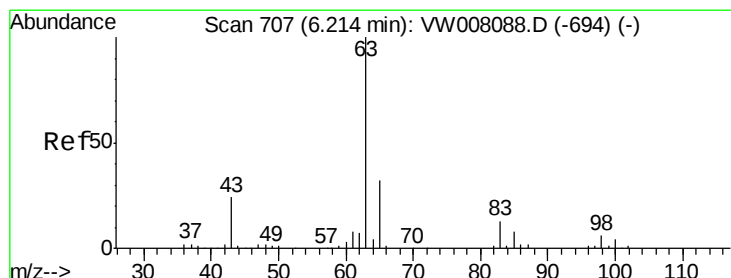
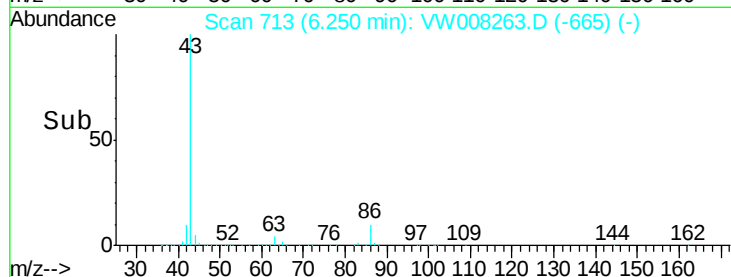


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 48.131 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

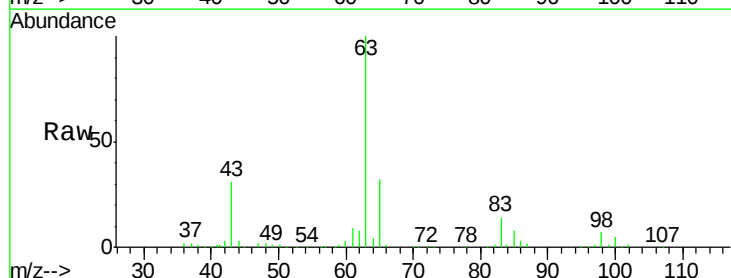
Tgt Ion: 63 Resp: 101239

Ion Ratio Lower Upper

63 100

98 7.0 3.2 9.6

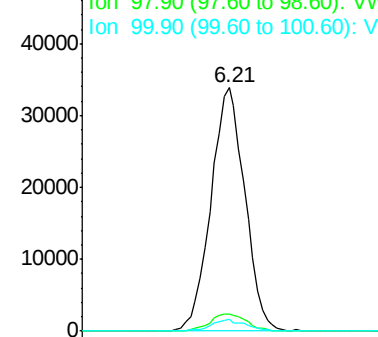
100 4.9 2.0 6.0



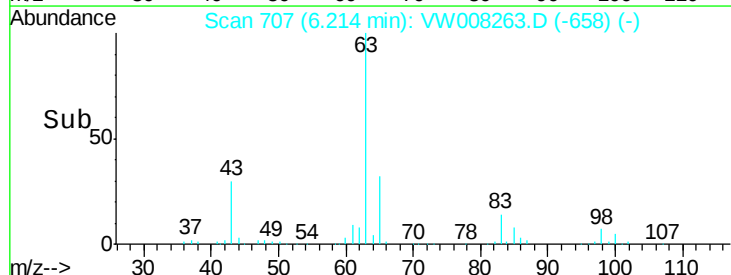
Abundance Ion 62.90 (62.60 to 63.60): VW

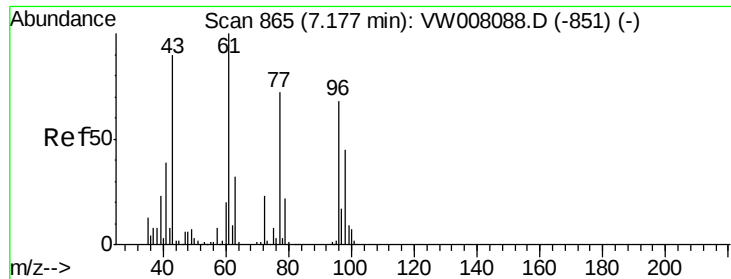
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 252.611 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 75202

Ion Ratio Lower Upper

43 100

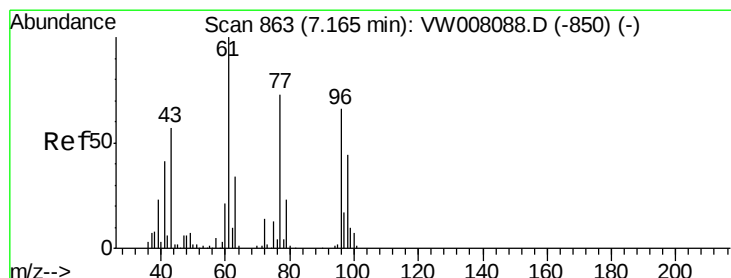
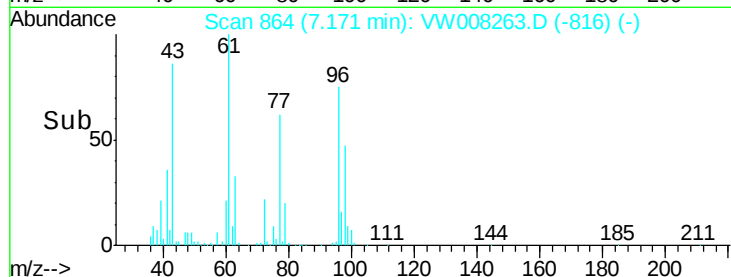
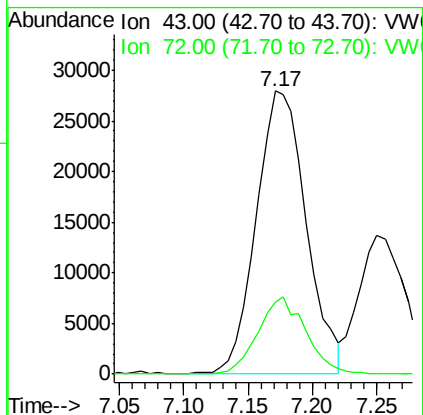
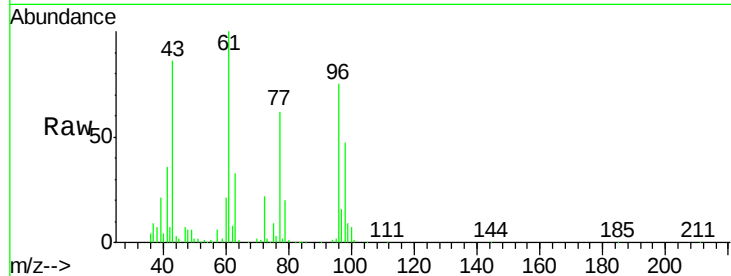
72 25.3 20.5 30.7

Manual Integrations

APPROVED

apatel

1/15/2019 2:08:55 PM



#26

2,2-Dichloropropane

Concen: 42.823 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008263.D

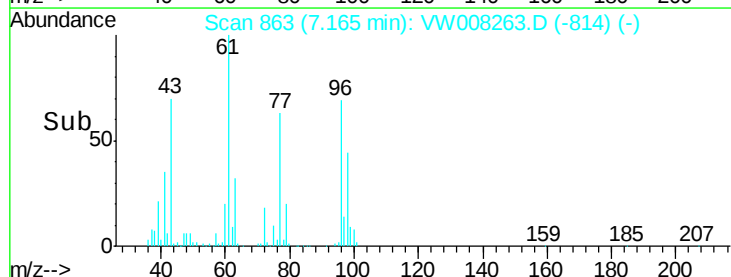
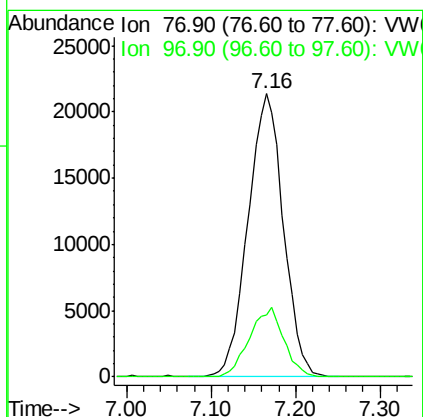
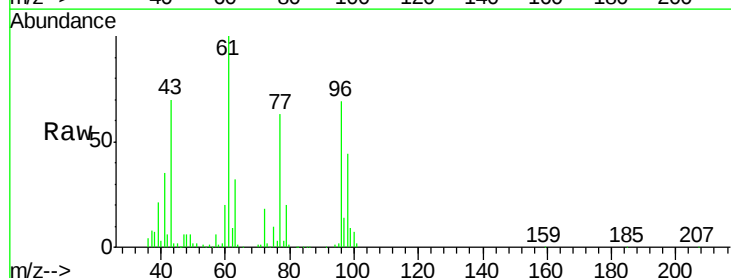
Acq: 14 Jan 2019 23:39

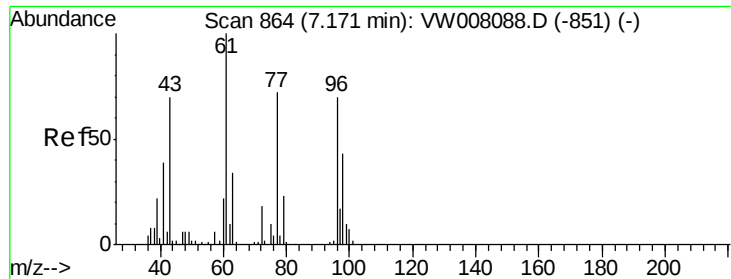
Tgt Ion: 77 Resp: 61031

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.107 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

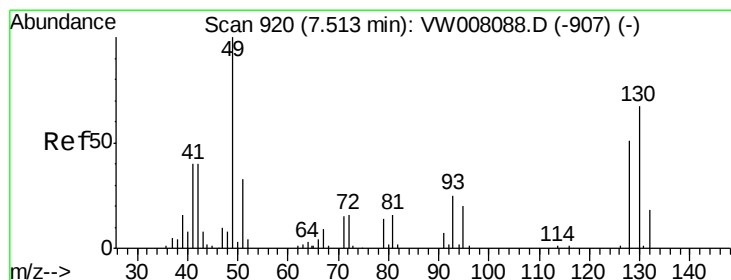
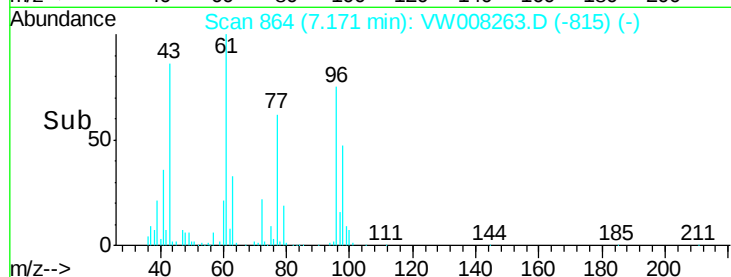
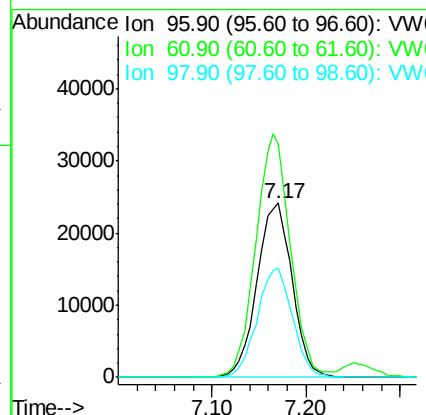
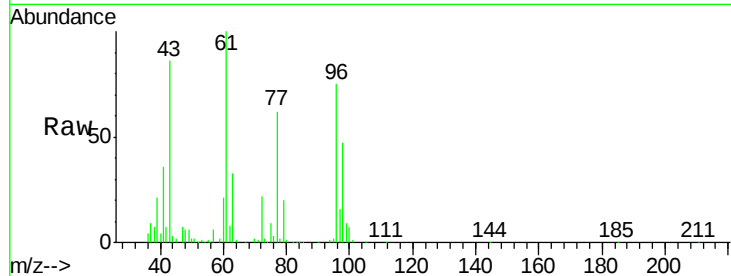
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	63173
Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	300.4
98	63.1	0.0	128.4

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM



#28

Bromochloromethane

Concen: 50.314 ug/l

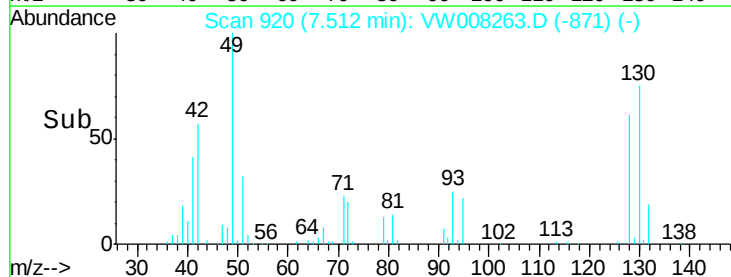
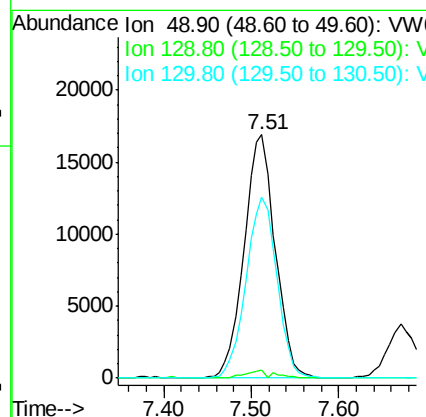
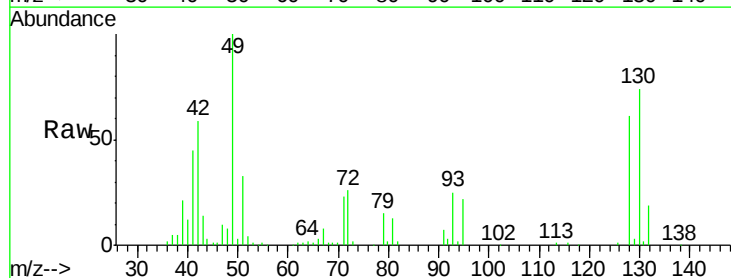
RT: 7.51 min Scan# 920

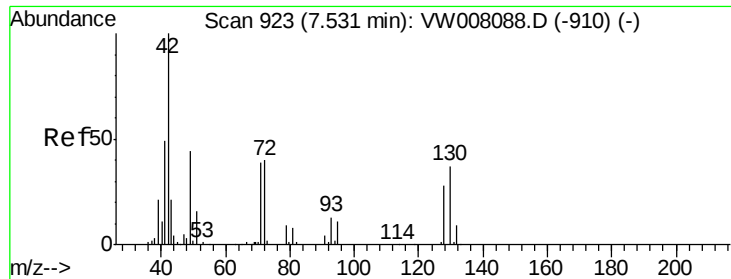
Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion:	49	Resp:	41859
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	2.8
130	73.6	54.3	81.5





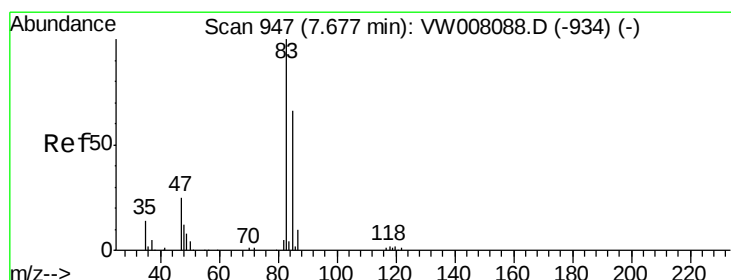
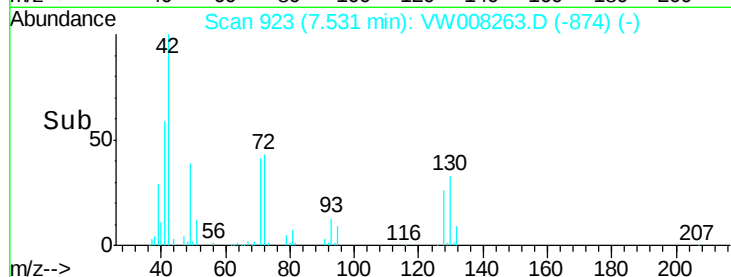
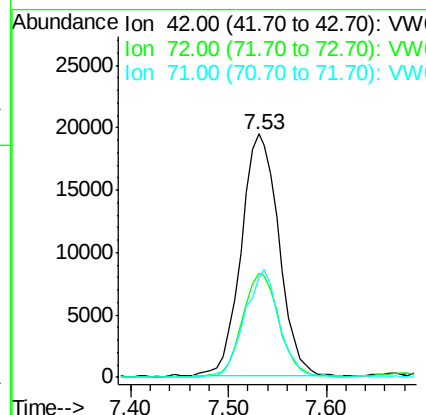
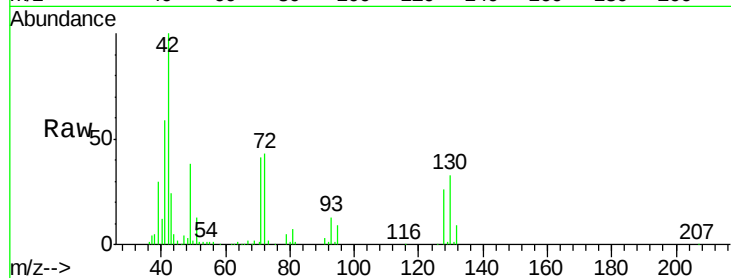
#29
Tetrahydrofuran
Concen: 259.738 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	32.4	48.6
71	41.3	31.3	46.9

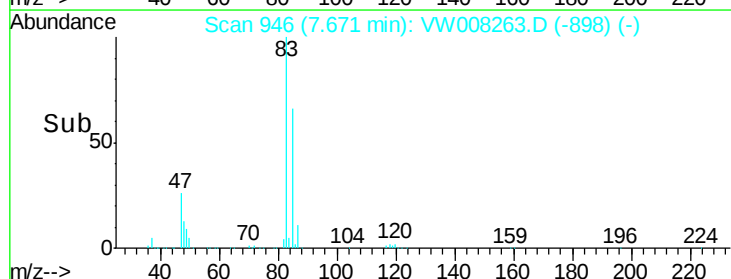
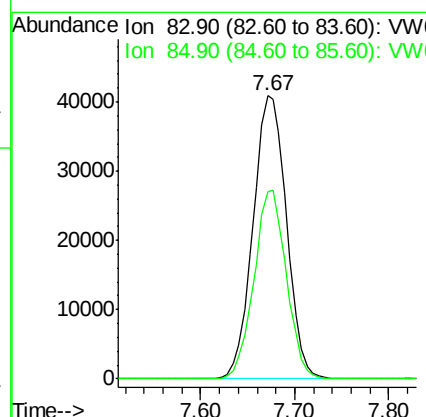
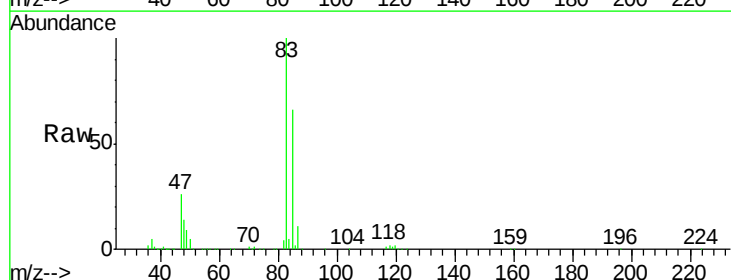
Manual Integrations
APPROVED

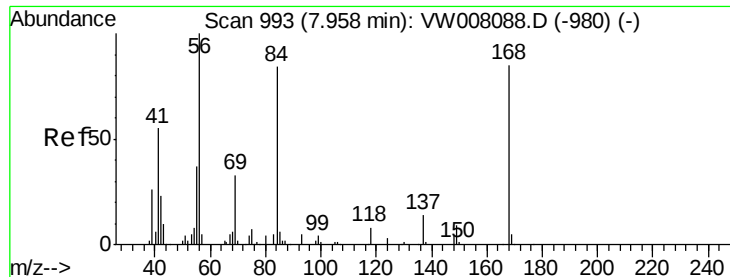
apatel
1/15/2019 2:08:55 PM



#30
Chloroform
Concen: 50.949 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	53.2	79.8





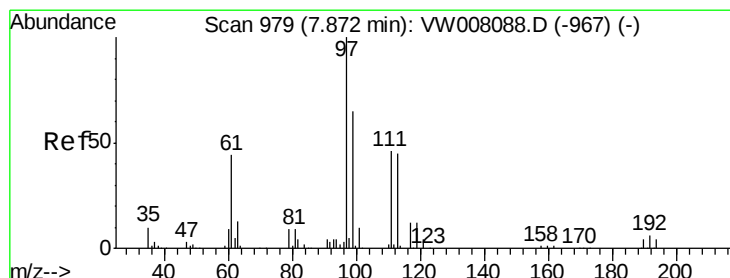
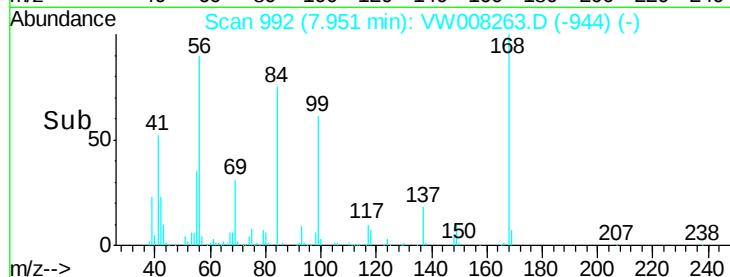
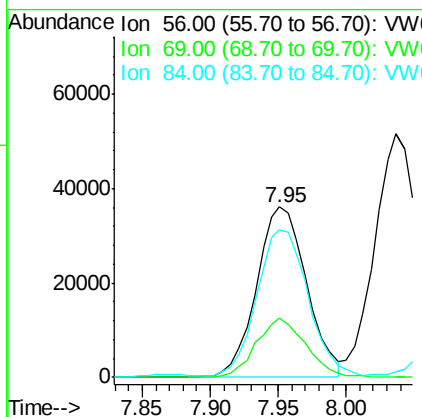
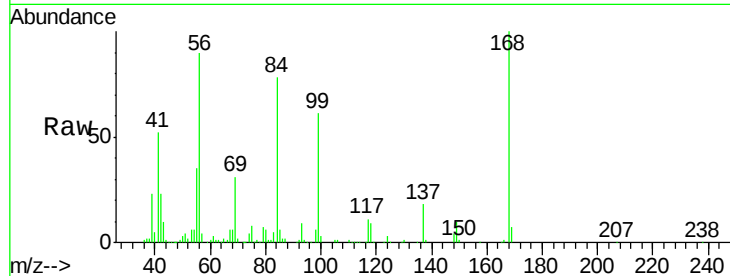
#31
Cyclohexane
Concen: 41.346 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.7	26.2	39.4
84	85.8	67.4	101.2

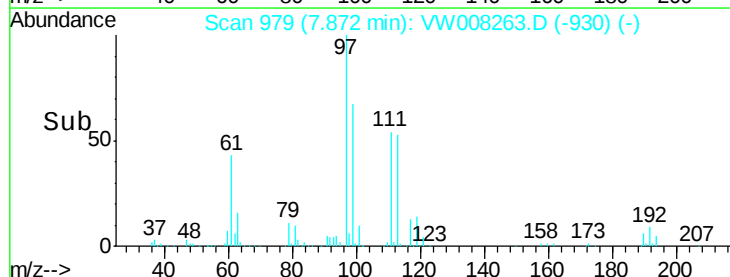
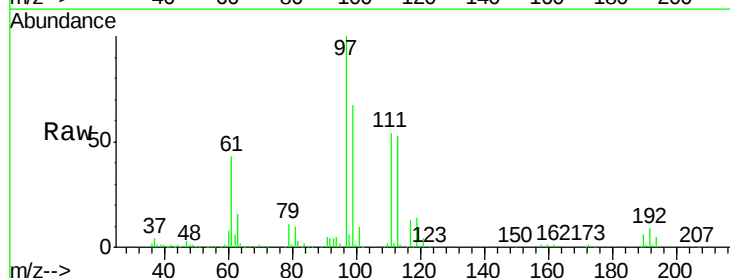
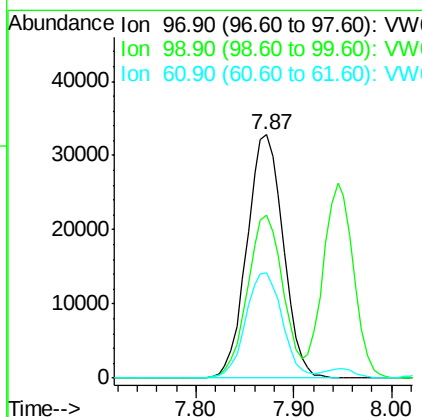
Manual Integrations
APPROVED

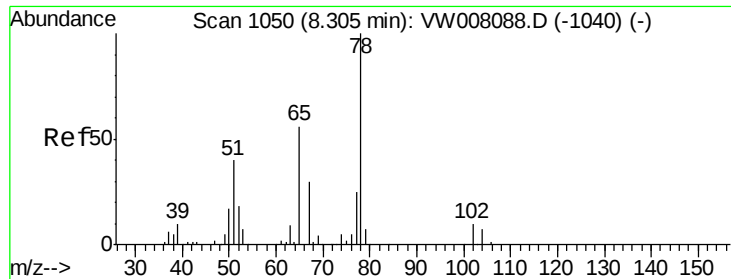
apatel
1/15/2019 2:08:55 PM



#32
1,1,1-Trichloroethane
Concen: 48.510 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.4	77.0
61	43.7	35.6	53.4





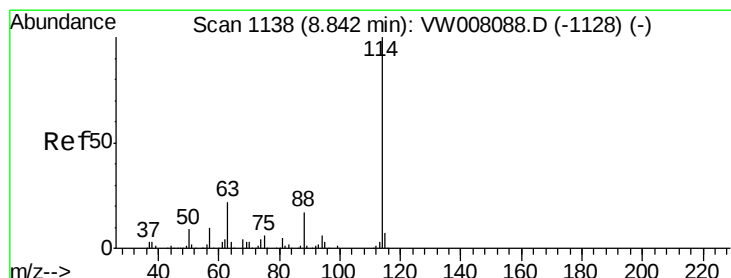
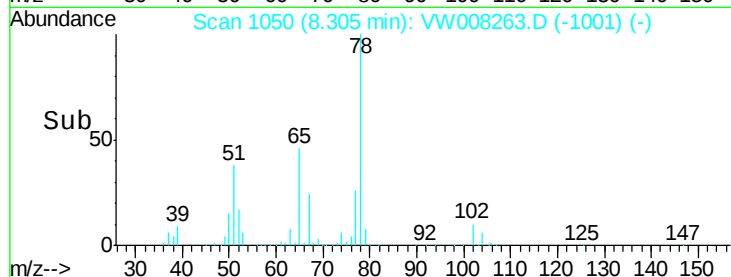
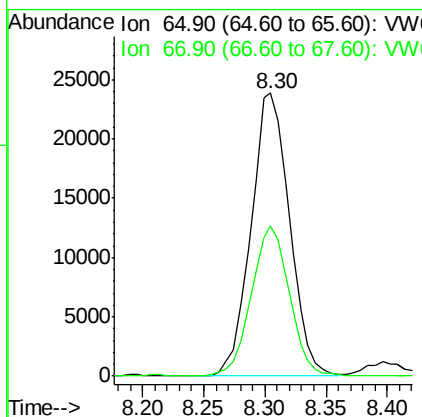
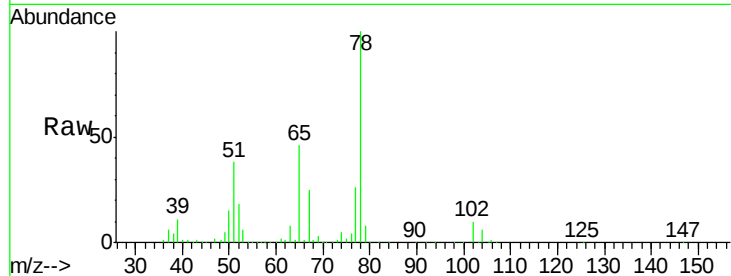
#33
 1,2-Dichloroethane-d4
 Concen: 48.960 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.6	0.0	106.8	

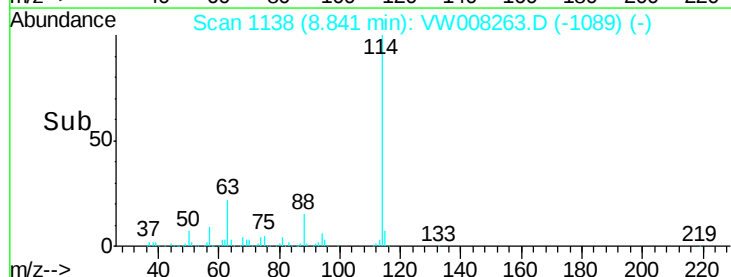
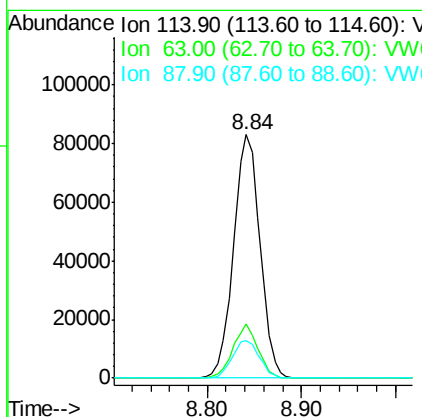
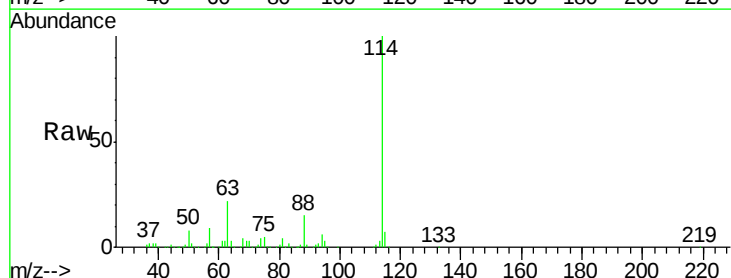
Manual Integrations
 APPROVED

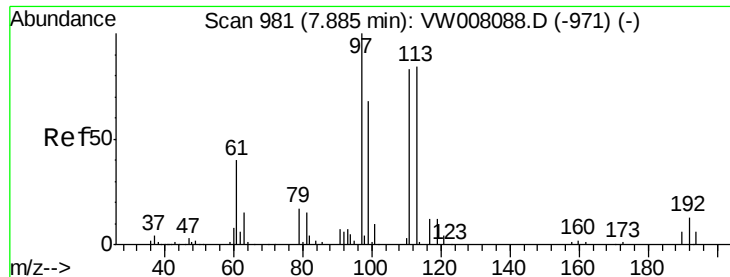
apatel
 1/15/2019 2:08:55 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.4	0.0	43.4	
88	15.4	0.0	33.4	





#35

Dibromofluoromethane

Concen: 54.760 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

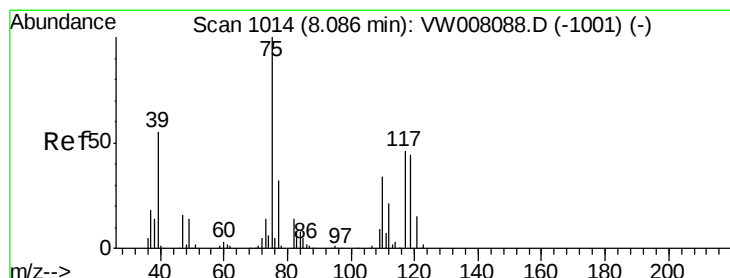
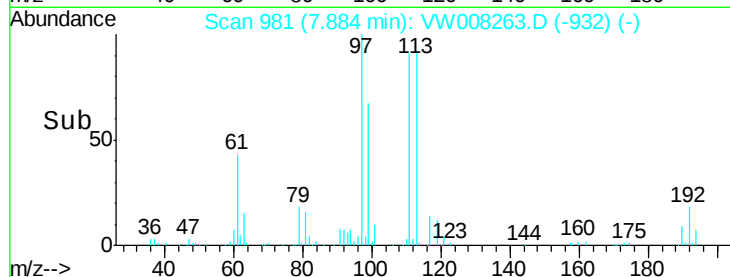
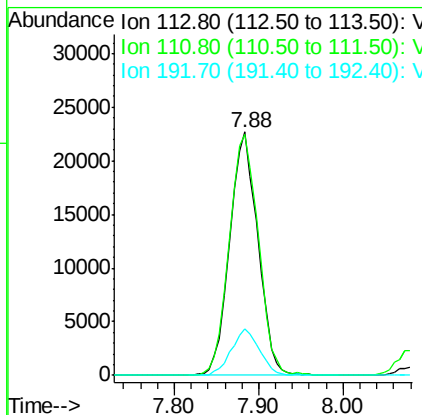
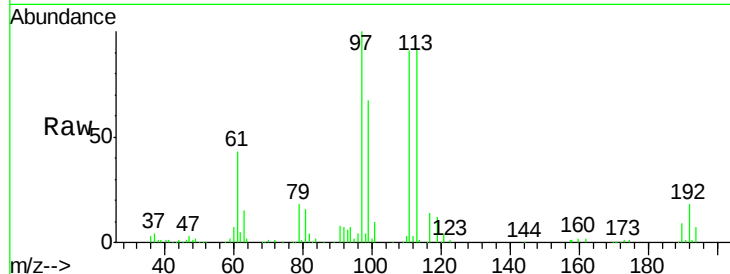
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	51381
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	19.1	12.8	19.2

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM



#36

1,1-Dichloropropene

Concen: 50.121 ug/l

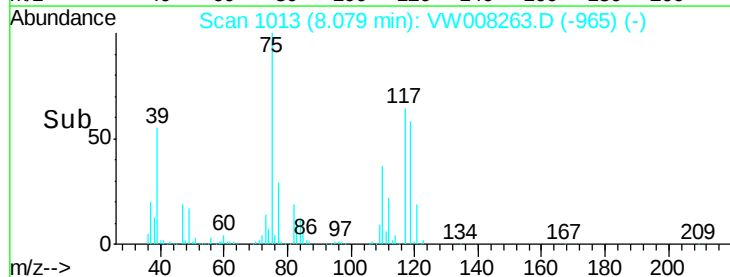
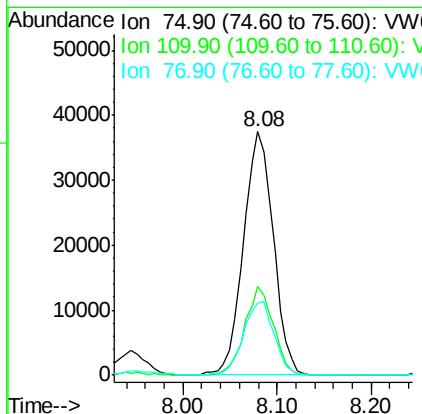
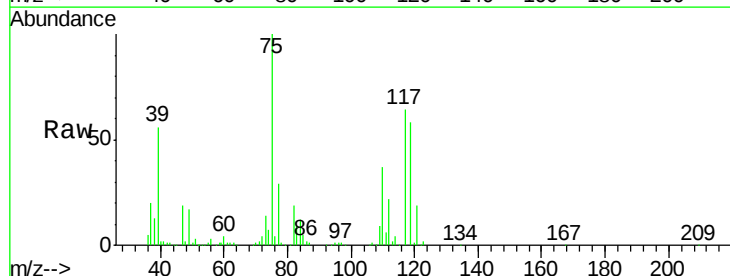
RT: 8.08 min Scan# 1013

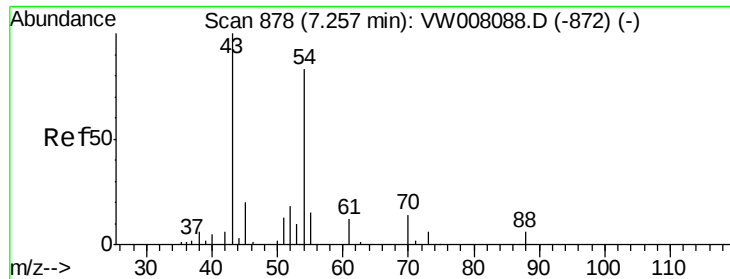
Delta R.T. -0.01 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion:	75	Resp:	83061
Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.1	51.3
77	30.7	25.5	38.3





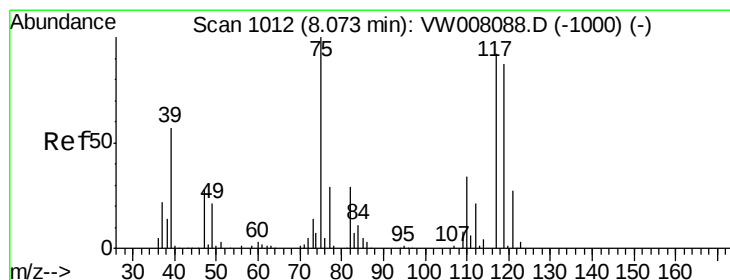
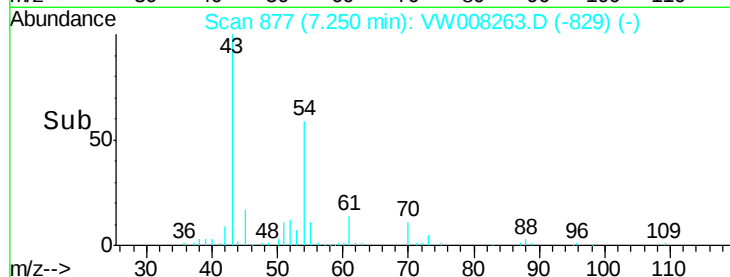
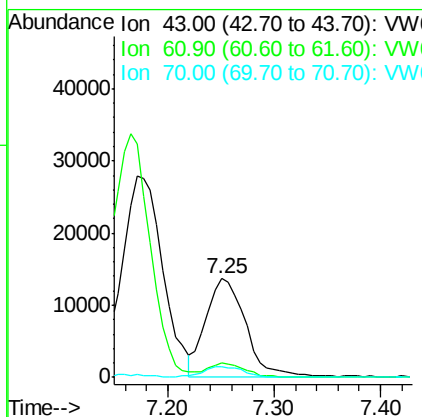
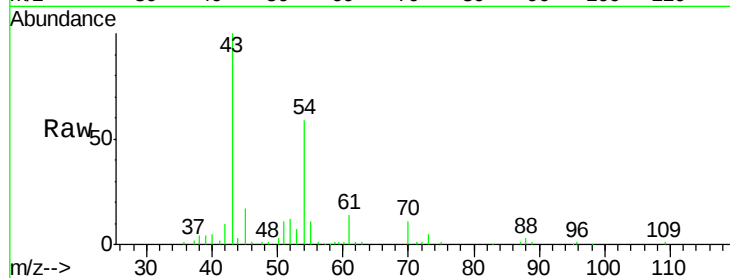
#37
Ethyl Acetate
Concen: 53.190 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.6	16.0
70	11.0	8.9	13.3

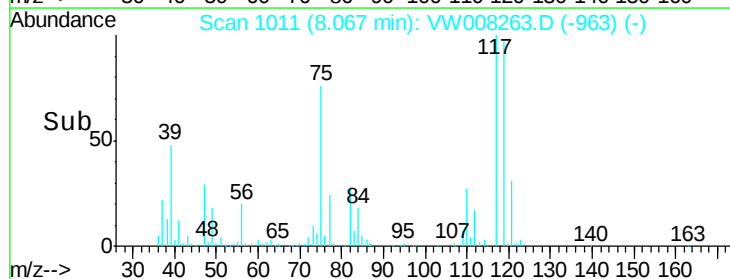
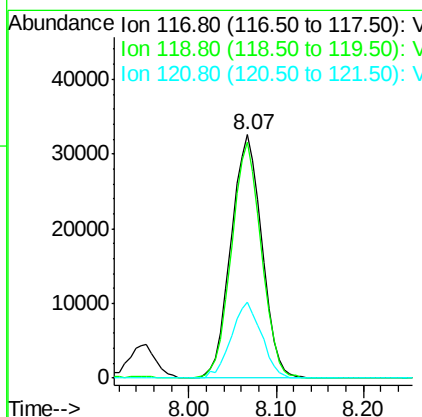
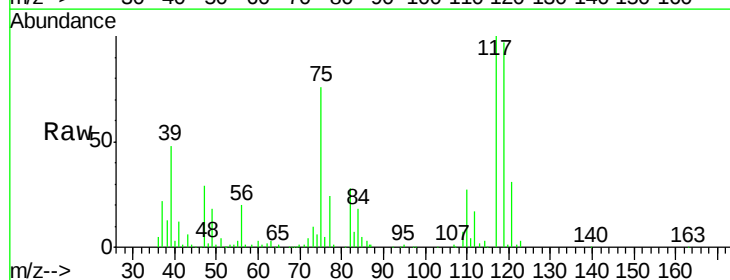
Manual Integrations
APPROVED

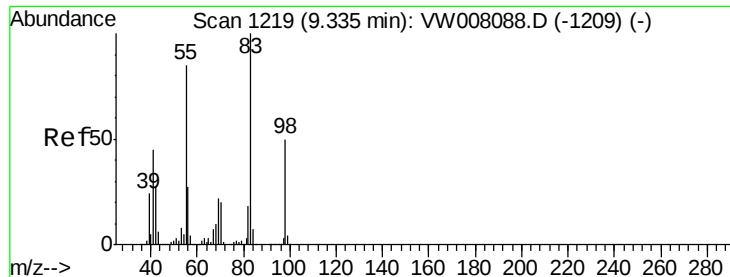
apatel
1/15/2019 2:08:55 PM



#38
Carbon Tetrachloride
Concen: 52.621 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
121	31.0	23.7	35.5





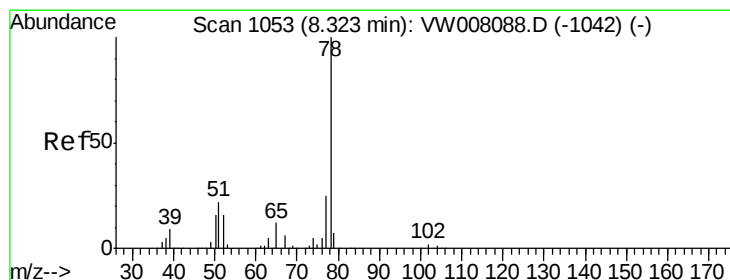
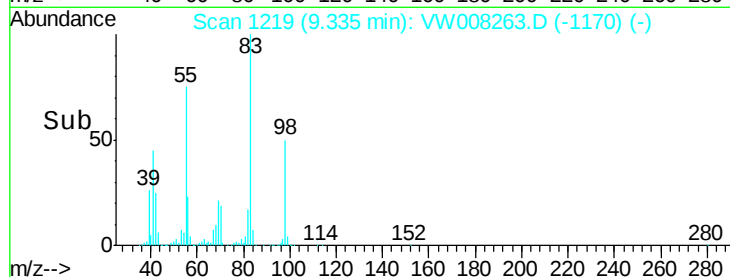
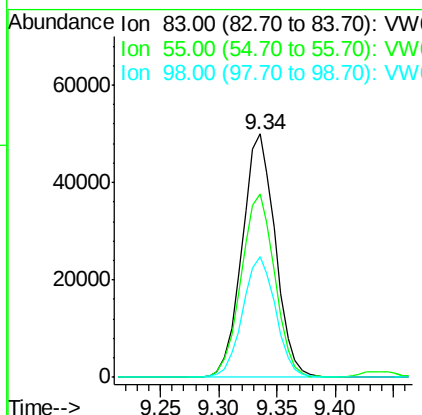
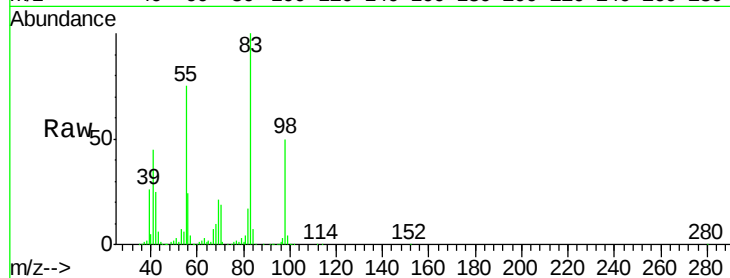
#39
Methvlcvclohexane
Concen: 47.311 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	99414
Ion Ratio	Lower	Upper	
83	100		
55	75.3	67.8	101.6
98	49.6	40.2	60.4

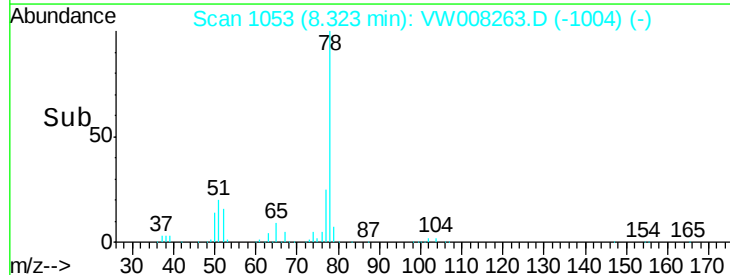
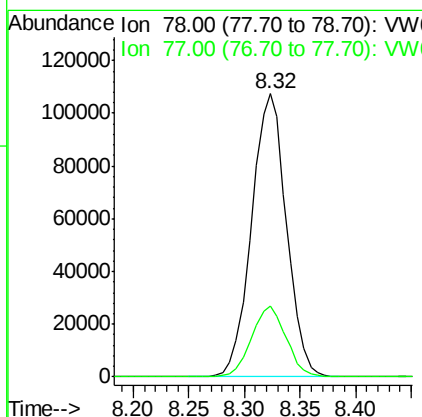
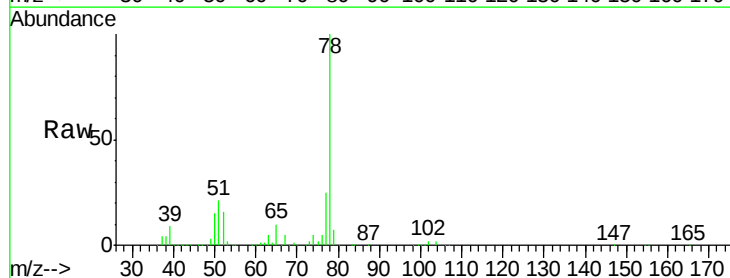
Manual Integrations
APPROVED

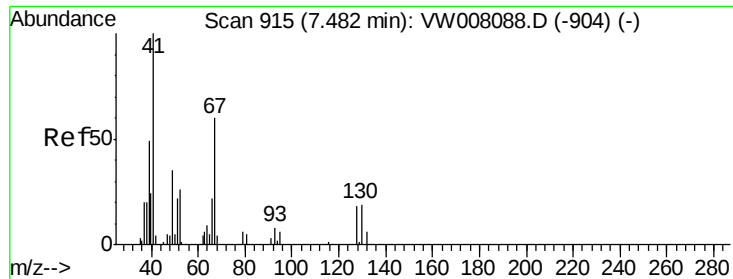
apatel
1/15/2019 2:08:55 PM



#40
Benzene
Concen: 52.132 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion	78	Resp	234326
Ion Ratio	Lower	Upper	
78	100		
77	25.2	20.2	30.4





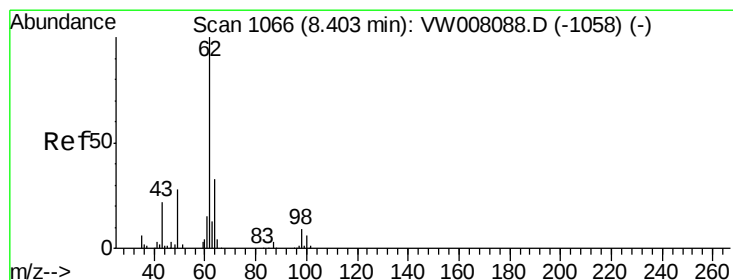
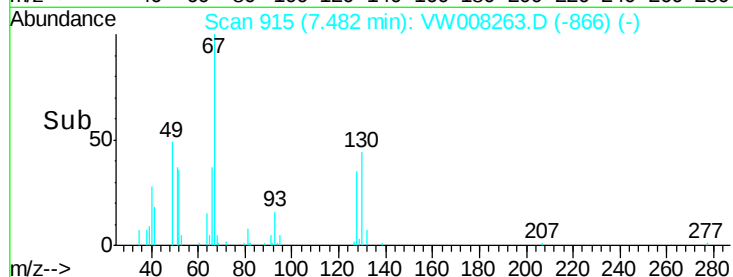
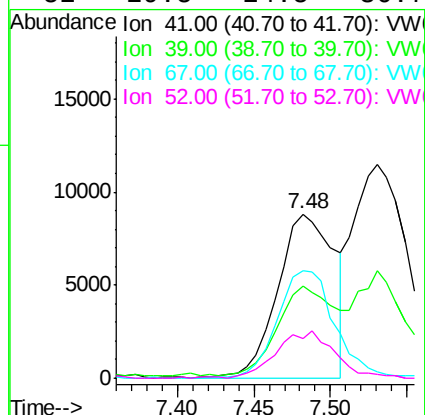
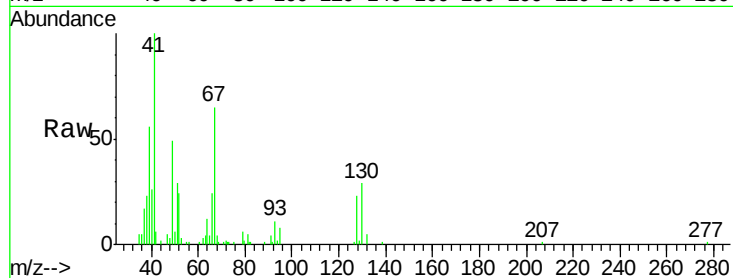
#41
Methacrylonitrile
Concen: 54.261 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	22757
Ion	Ratio	Lower	Upper
41	100		
39	58.9	47.9	71.9
67	66.7	56.3	84.5
52	29.5	24.5	36.7

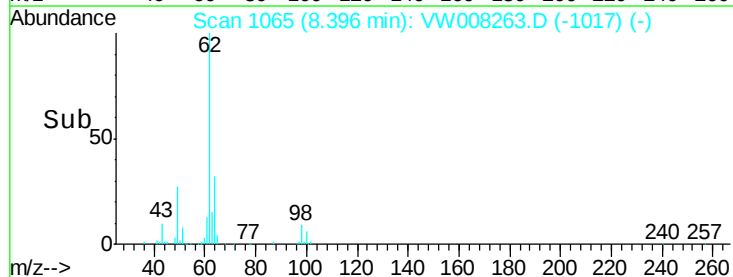
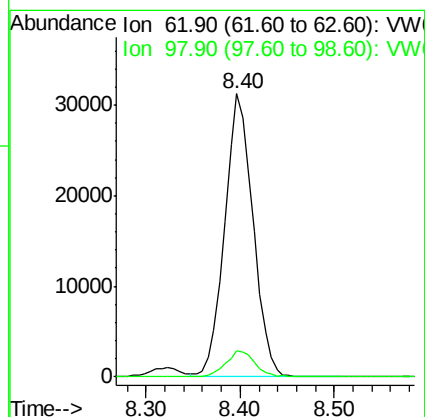
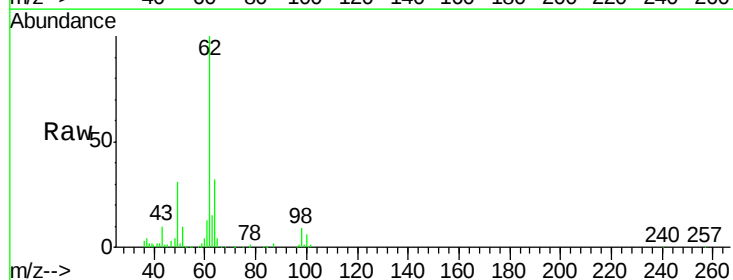
Manual Integrations
APPROVED

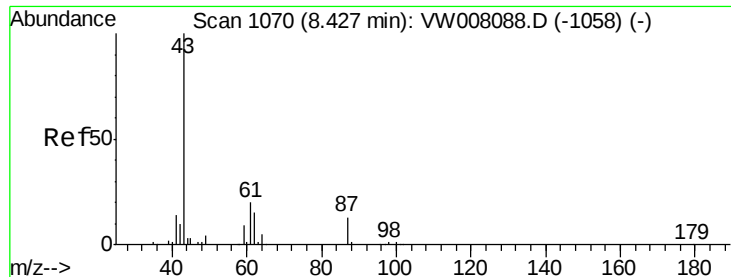
apatel
1/15/2019 2:08:55 PM



#42
1,2-Dichloroethane
Concen: 51.605 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion	62	Resp	65238
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6





#43

Isopropyl Acetate

Concen: 51.765 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

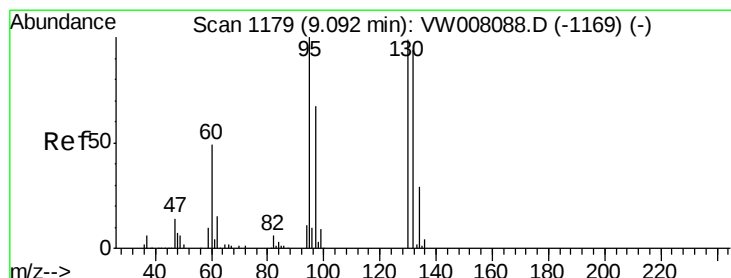
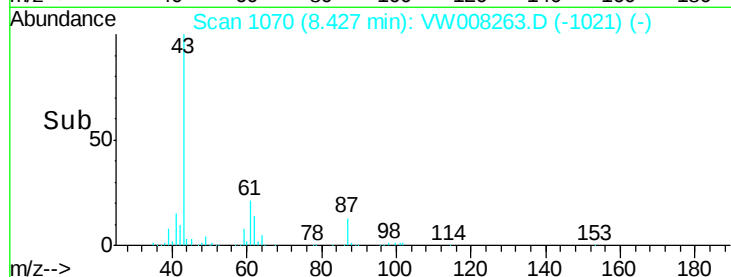
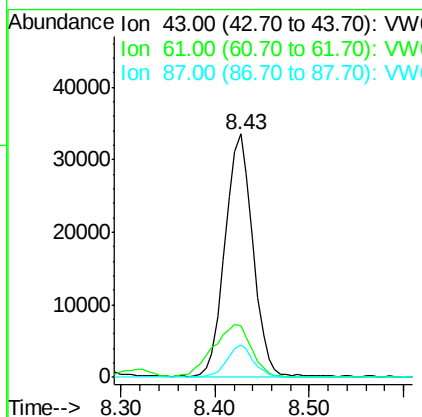
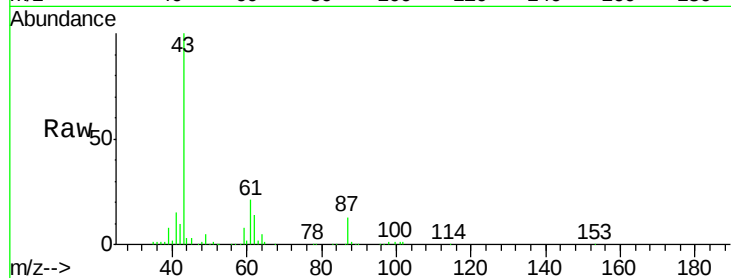
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	68715
Ion	Ratio	Lower	Upper
43	100		
61	30.5	24.8	37.2
87	12.8	10.4	15.6

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM



#44

Trichloroethene

Concen: 52.627 ug/l

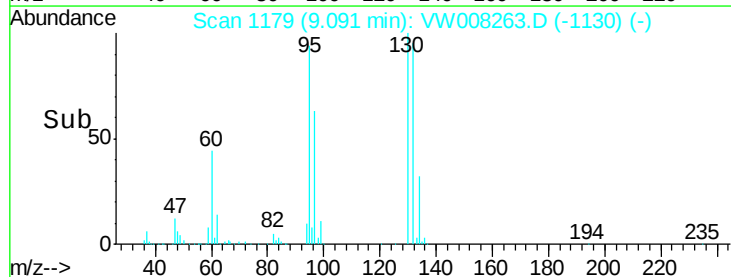
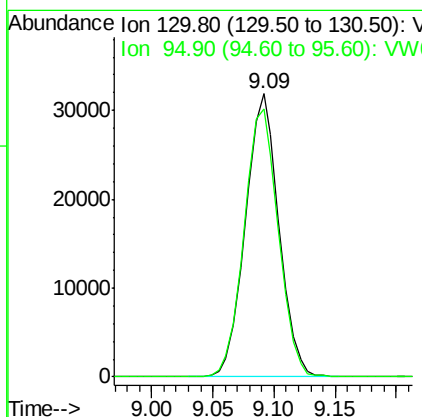
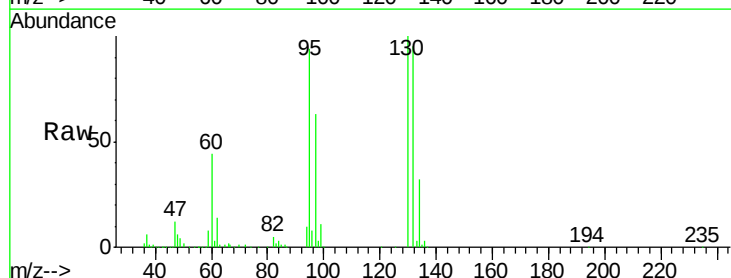
RT: 9.09 min Scan# 1179

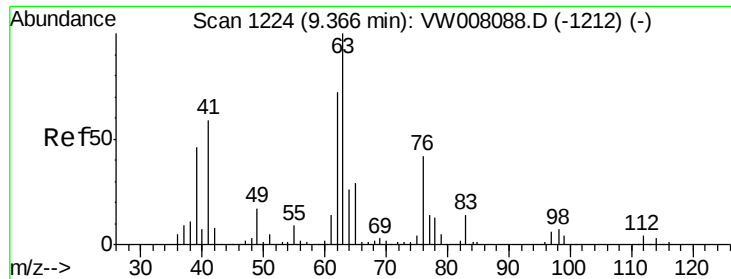
Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion:	130	Resp:	60553
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	202.8





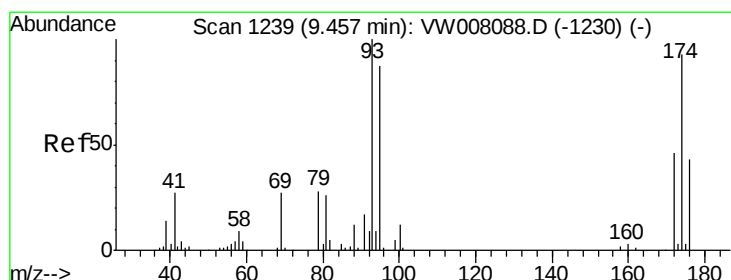
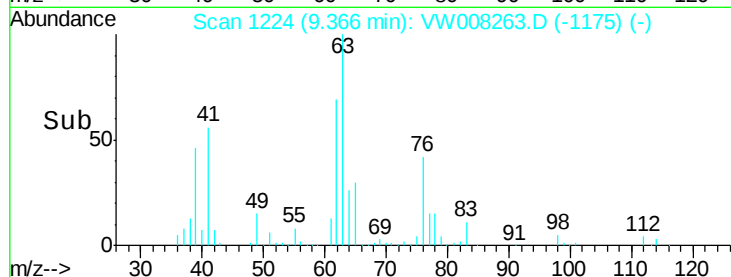
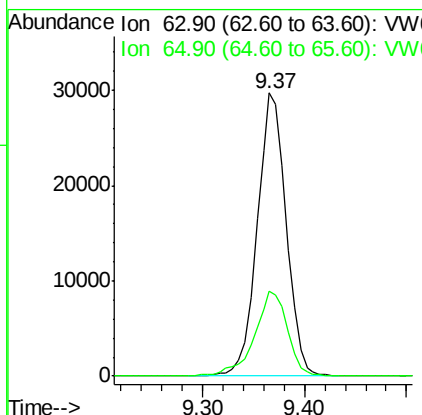
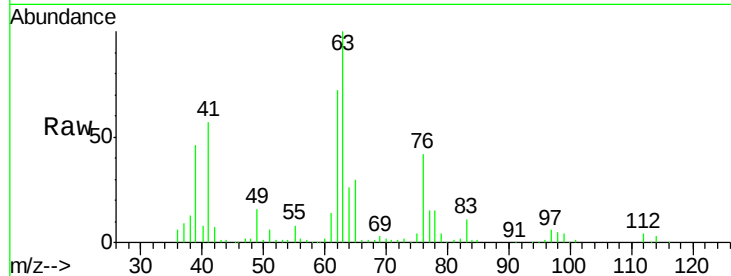
#45
 1,2-Dichloropropane
 Concen: 52.765 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 58807
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.3 34.9

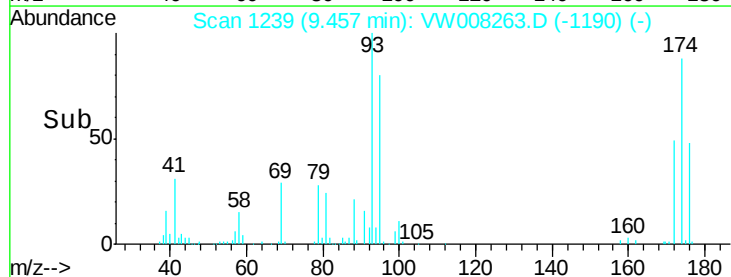
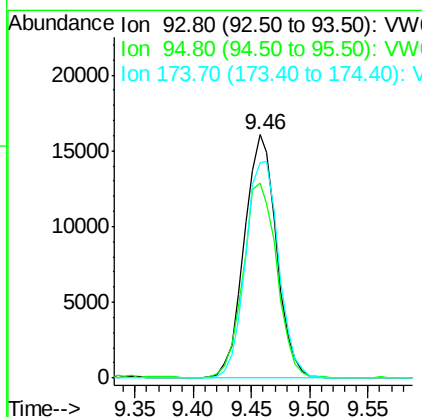
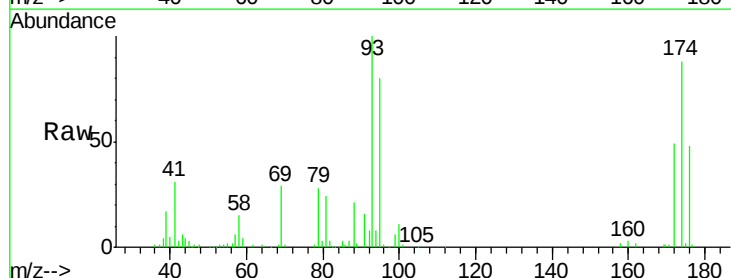
Manual Integrations
 APPROVED

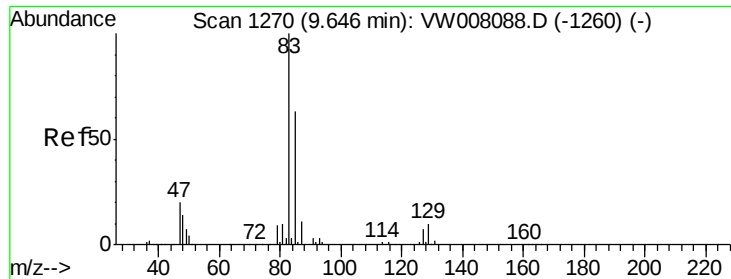
apatel
 1/15/2019 2:08:55 PM



#46
 Dibromomethane
 Concen: 56.765 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Tgt Ion: 93 Resp: 31070
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.5 101.3
 174 92.1 72.5 108.7





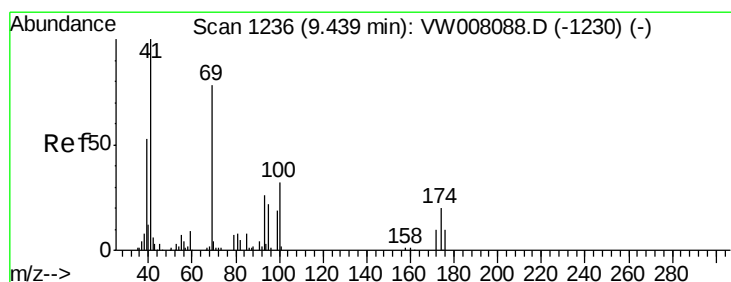
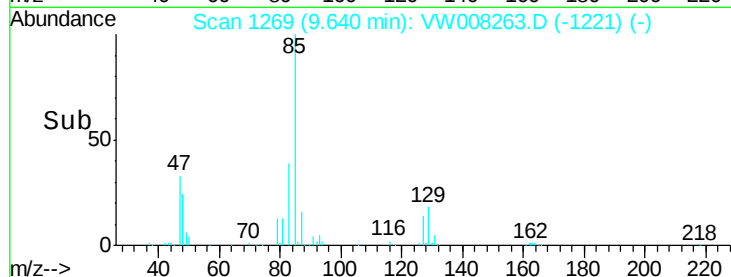
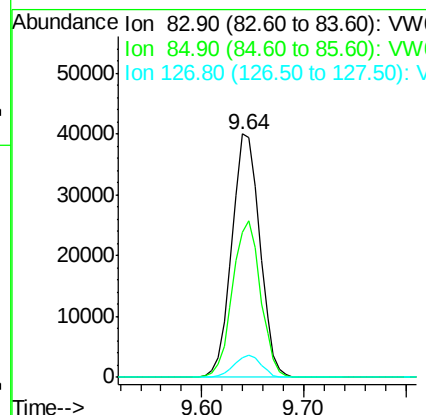
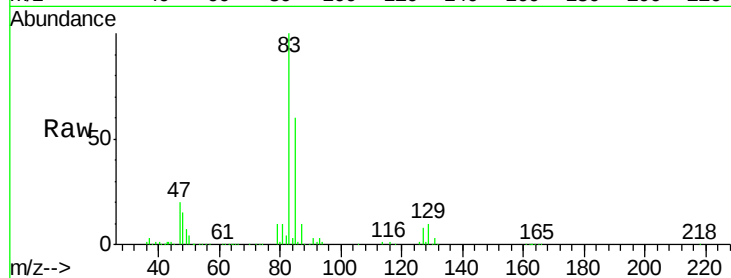
#47
Bromodichloromethane
Concen: 54.660 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	75967
Ion Ratio	100	Lower	Upper
83	100		
85	59.5	50.7	76.1
127	8.2	6.0	9.0

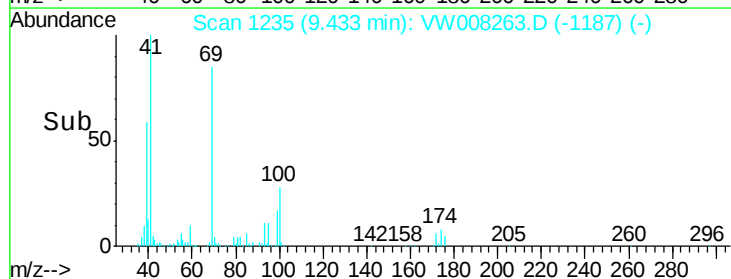
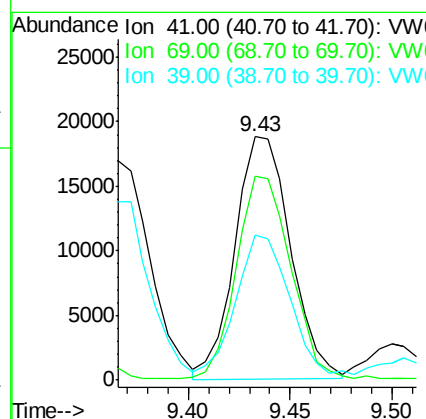
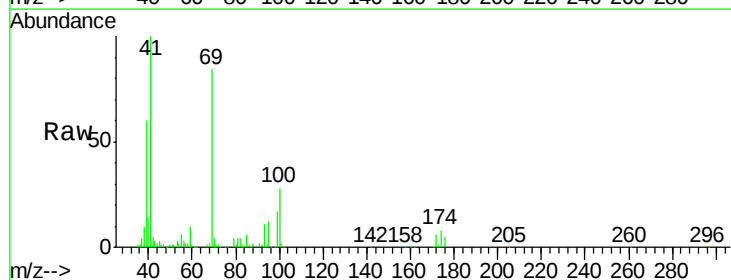
Manual Integrations
APPROVED

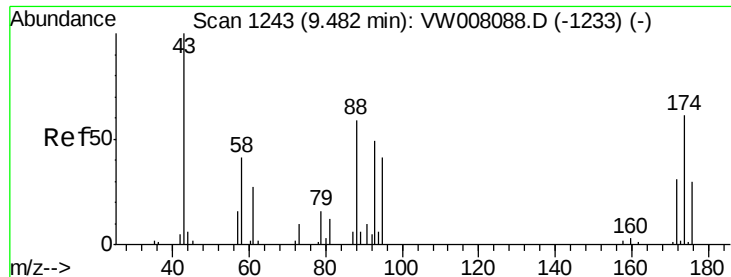
apatel
1/15/2019 2:08:55 PM



#48
Methyl methacrylate
Concen: 56.799 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion	41	Resp	35577
Ion Ratio	100	Lower	Upper
41	100		
69	83.6	61.9	92.9
39	54.1	43.0	64.4





#49

1,4-Dioxane

Concen: 1142.878 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

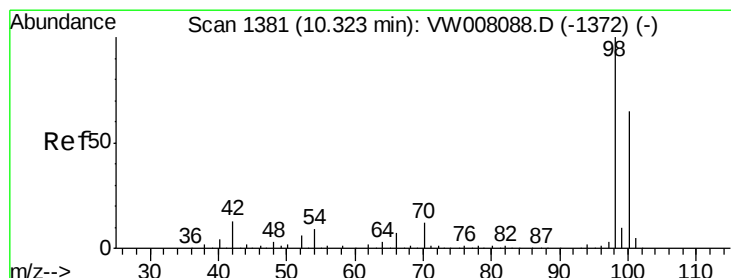
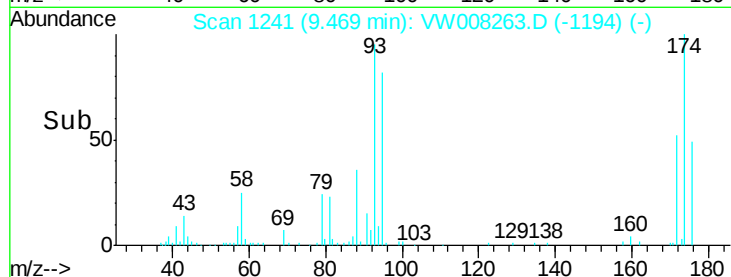
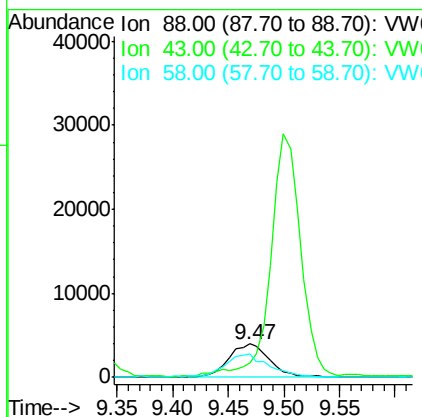
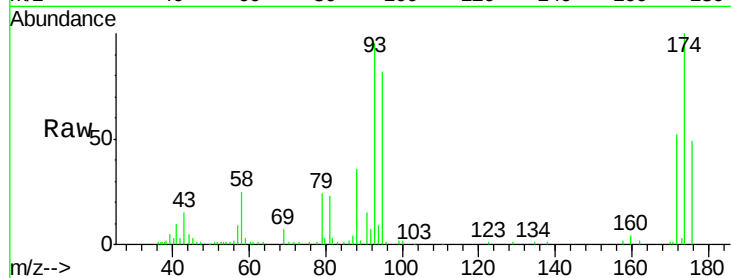
ClientSampleId :

VSTDCCC050

Tot Ion	88	Resp	10060
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.0	61.7	92.5

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM



#50

Toluene-d8

Concen: 51.821 ug/l

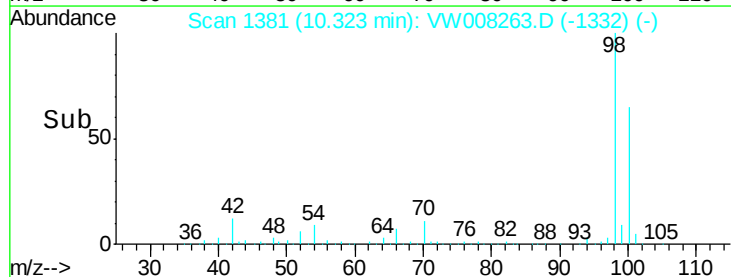
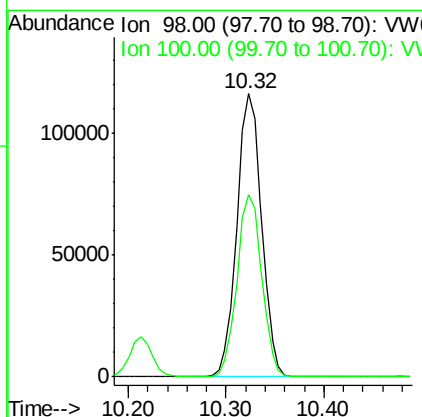
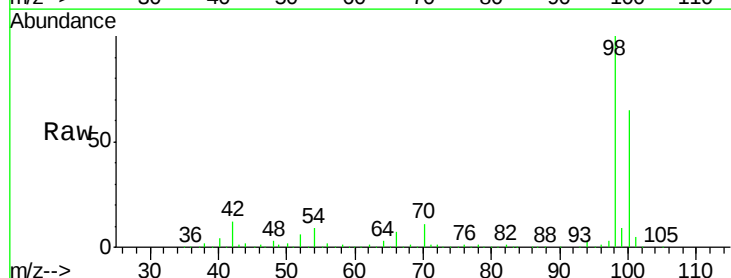
RT: 10.32 min Scan# 1381

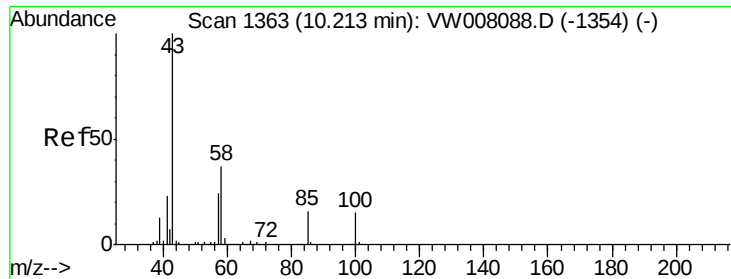
Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion	98	Resp	204044
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 279.919 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 179864

Ion Ratio Lower Upper

43 100

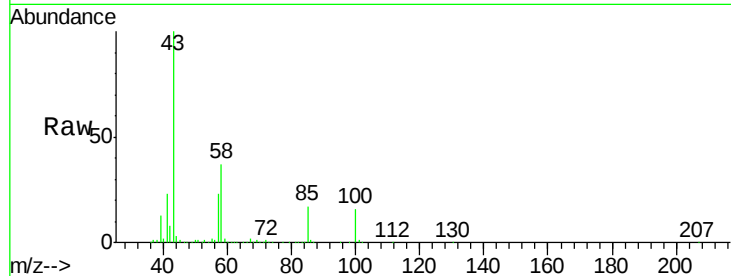
58 38.4 30.6 46.0

Manual Integrations

APPROVED

apatel

1/15/2019 2:08:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

10.21

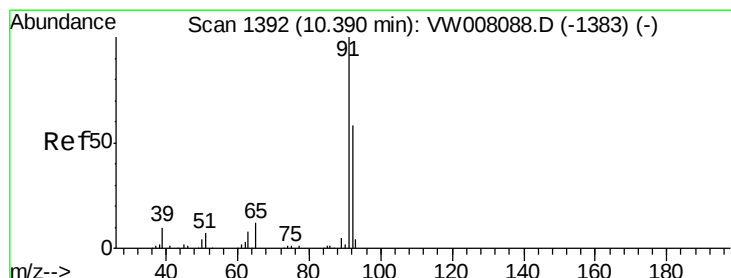
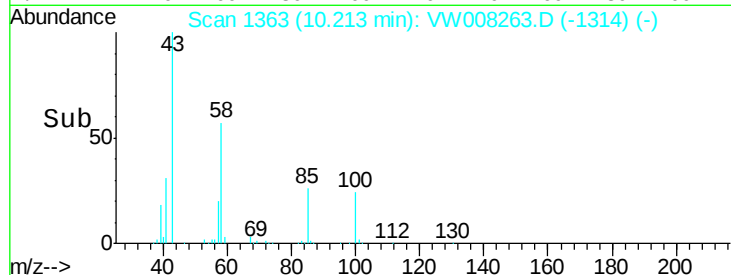
10.21

10.21

10.21

10.21

10.21



#52

Toluene

Concen: 53.153 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008263.D

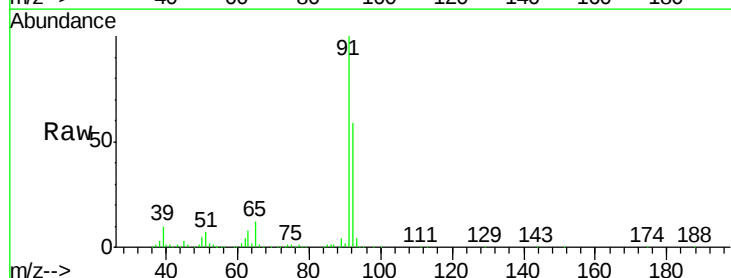
Acq: 14 Jan 2019 23:39

Tgt Ion: 92 Resp: 152579

Ion Ratio Lower Upper

92 100

91 171.6 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

10.39

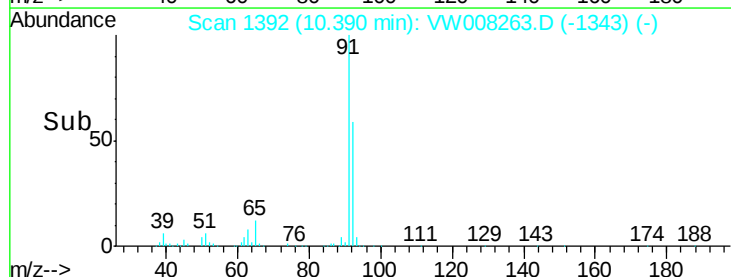
10.39

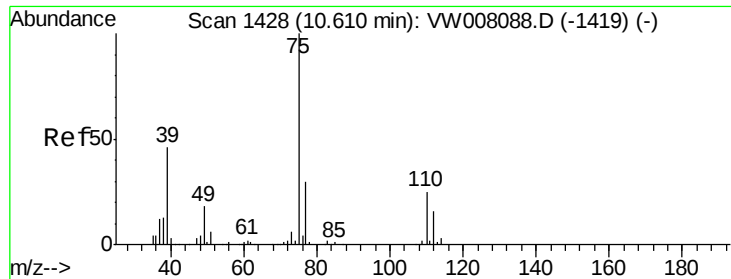
10.39

10.39

10.39

10.39





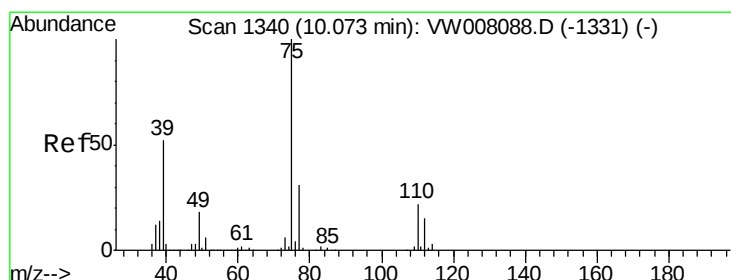
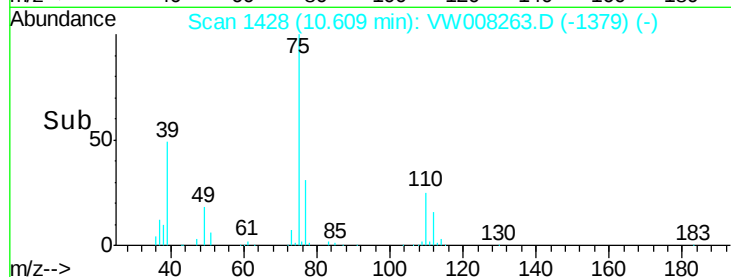
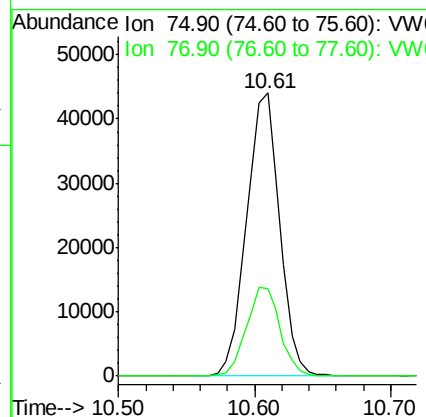
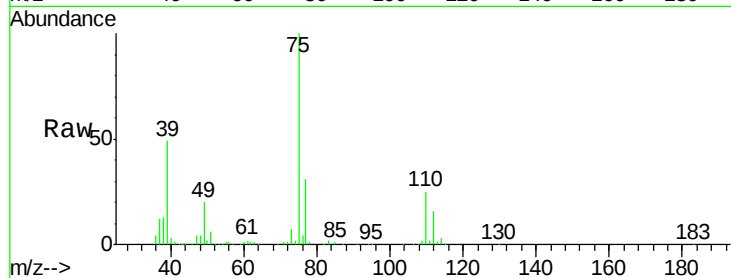
#53
t-1,3-Dichloropropene
Concen: 51.845 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 74951
Ion Ratio Lower Upper
75 100
77 30.6 24.4 36.6

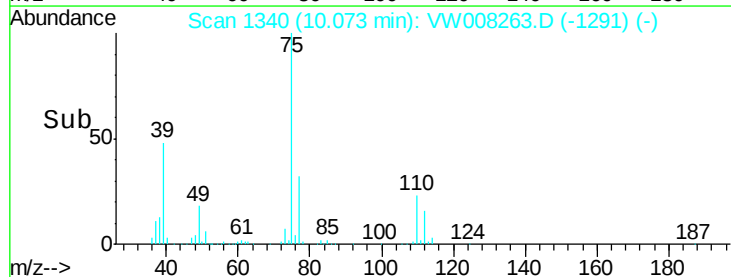
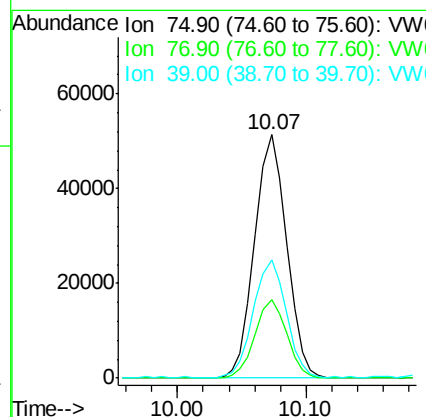
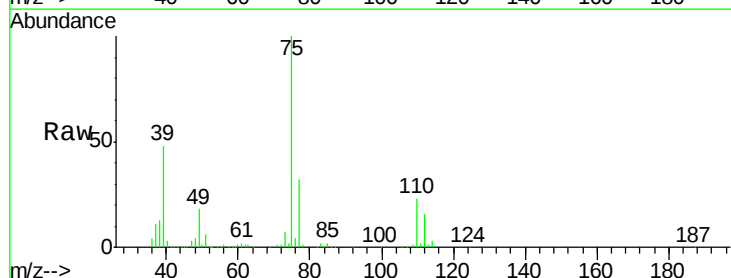
Manual Integrations
APPROVED

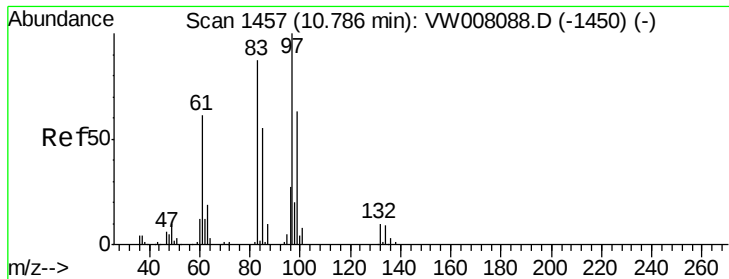
apatel
1/15/2019 2:08:55 PM



#54
cis-1,3-Dichloropropene
Concen: 51.743 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion: 75 Resp: 88702
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
39 48.0 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 56.010 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

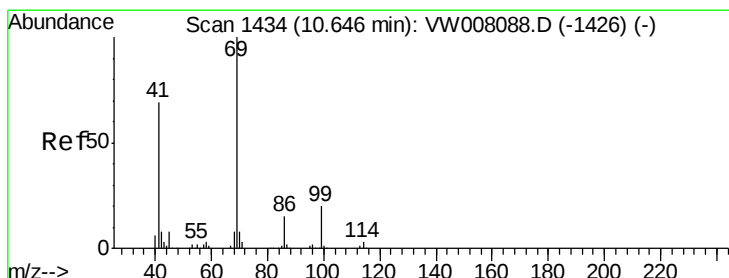
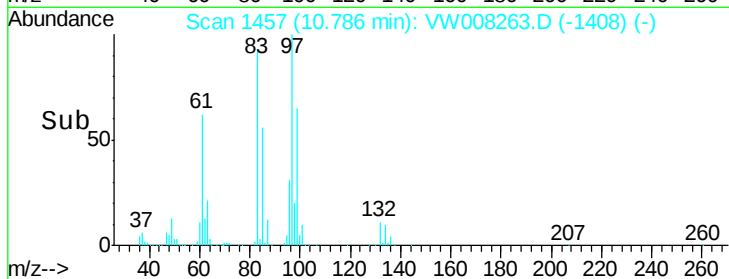
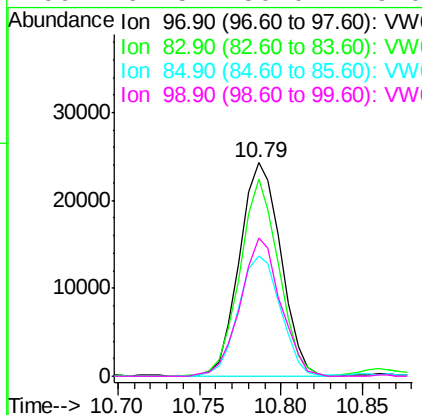
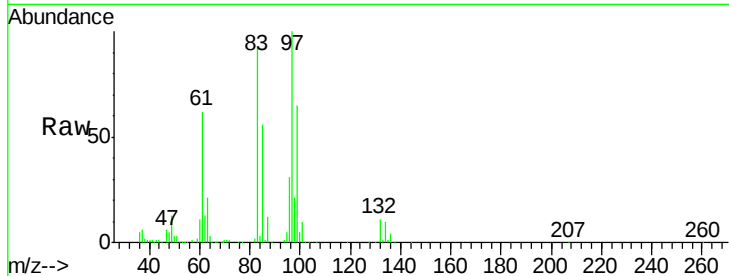
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	43042
Ion	Ratio	Lower	Upper
97	100		
83	92.0	69.3	103.9
85	56.2	43.8	65.6
99	64.5	50.0	75.0

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM



#56

Ethyl methacrylate

Concen: 56.549 ug/l

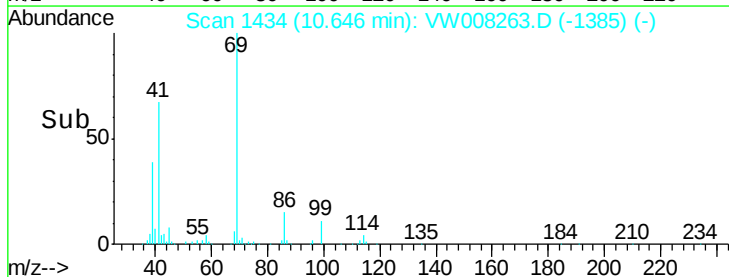
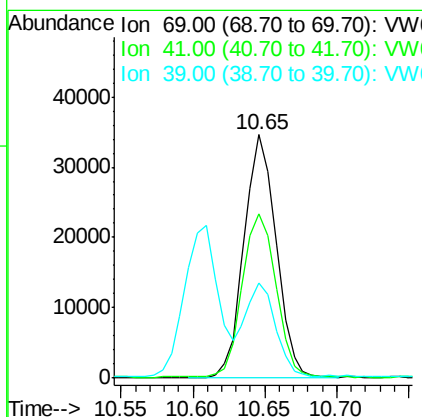
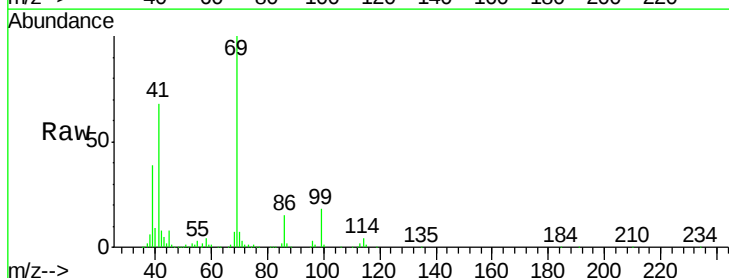
RT: 10.65 min Scan# 1434

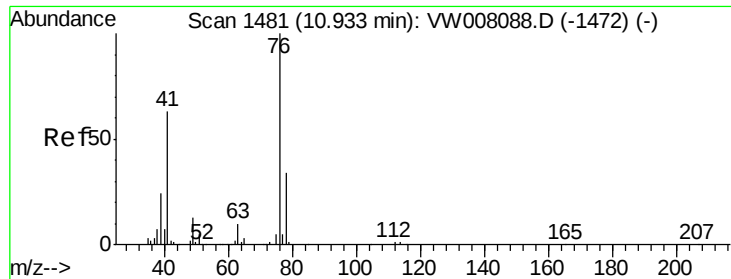
Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion:	69	Resp:	53817
Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.4	84.6
39	36.0	28.1	42.1





#57

1,3-Dichloropropane

Concen: 54.297 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 76310

Ion Ratio Lower Upper

76 100

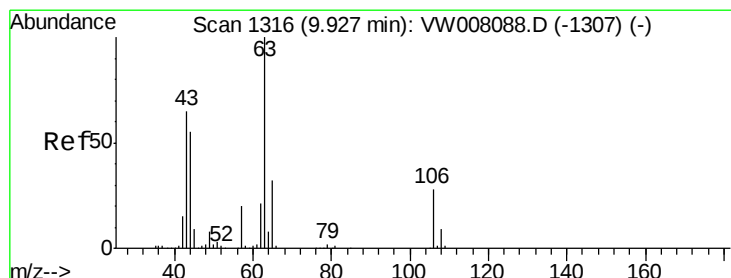
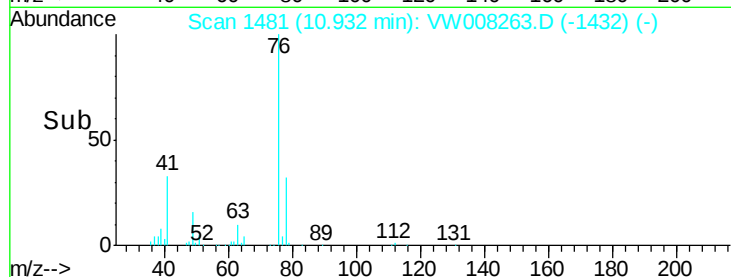
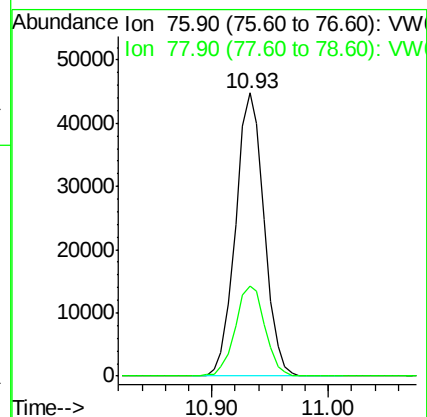
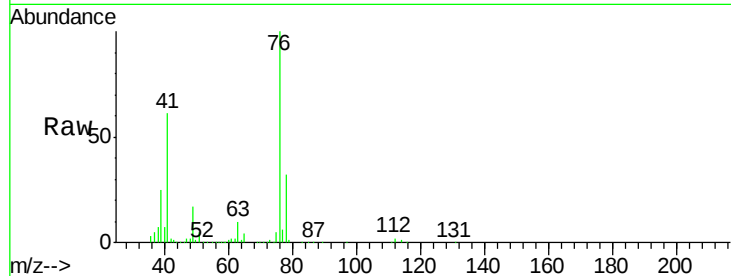
78 33.2 25.7 38.5

Manual Integrations

APPROVED

apatel

1/15/2019 2:08:55 PM



#58

2-Chloroethyl Vinyl ether

Concen: 266.760 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW008263.D

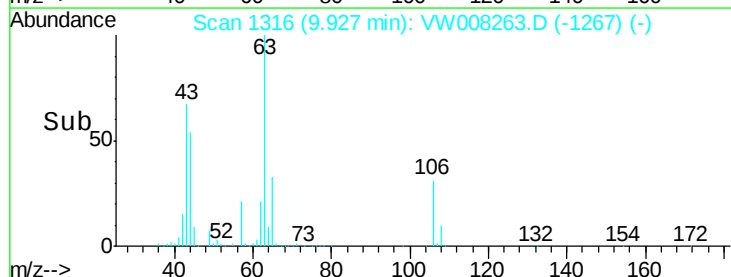
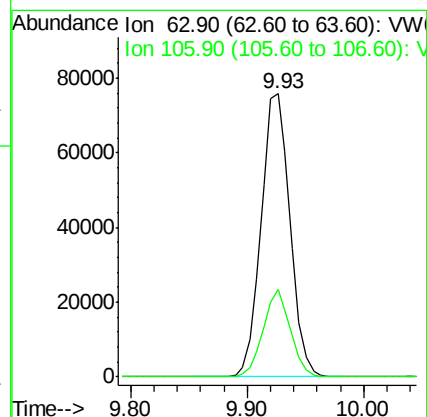
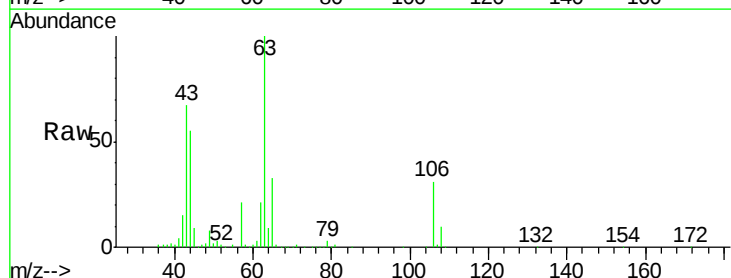
Acq: 14 Jan 2019 23:39

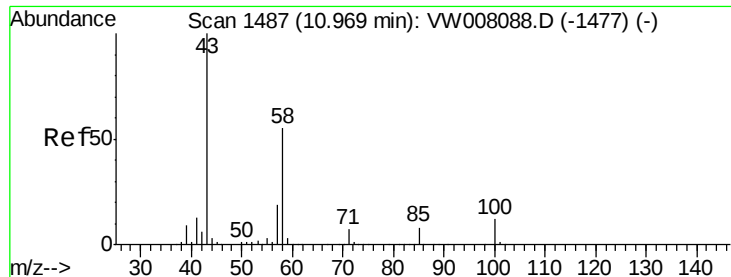
Tgt Ion: 63 Resp: 131138

Ion Ratio Lower Upper

63 100

106 28.9 21.8 32.6





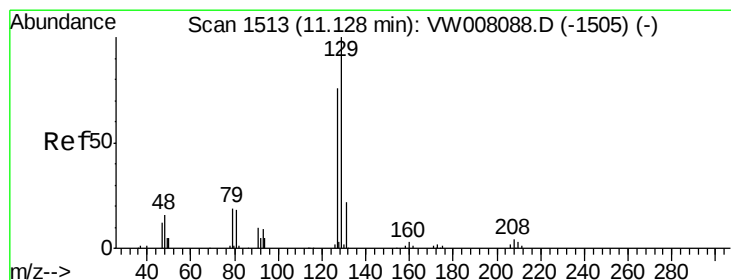
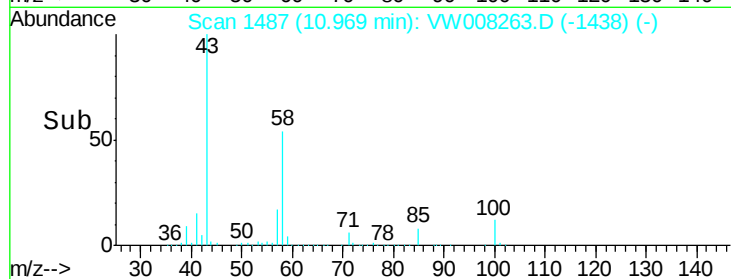
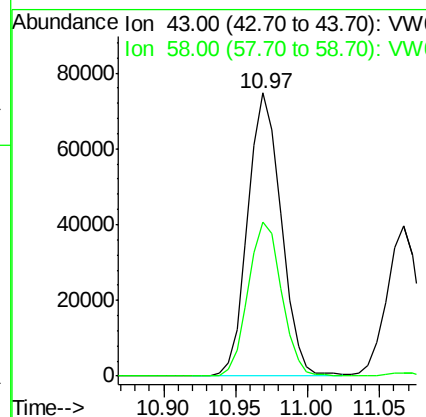
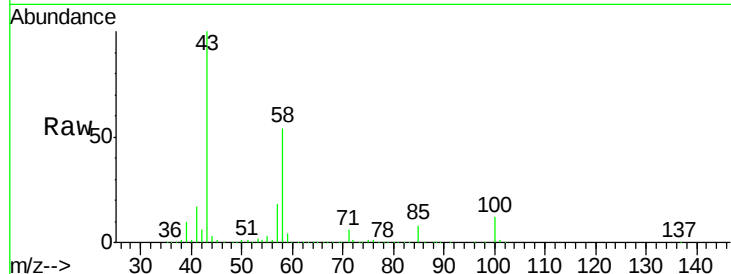
#59
2-Hexanone
Concen: 276.452 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 120126
Ion Ratio Lower Upper
43 100
58 54.8 27.2 81.5

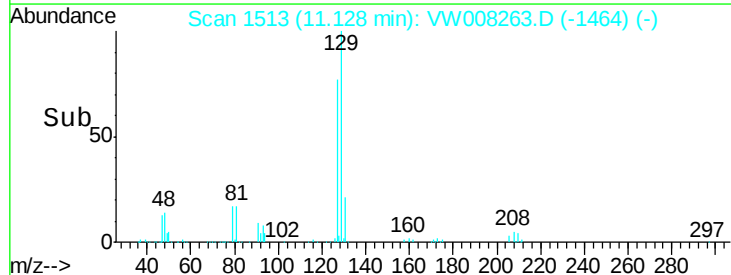
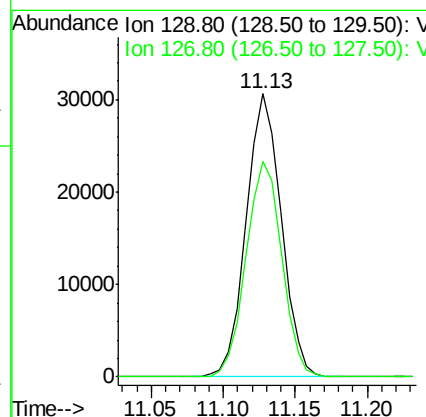
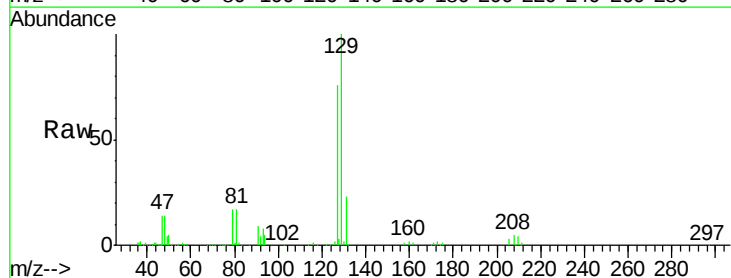
Manual Integrations
APPROVED

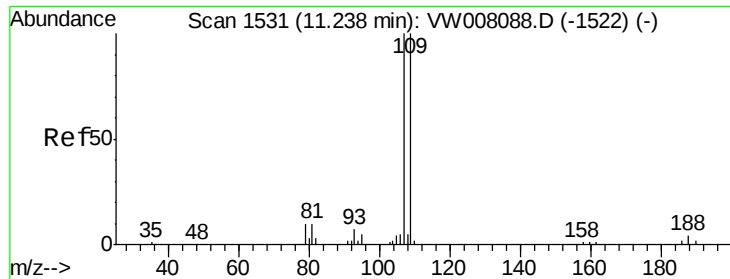
apatel
1/15/2019 2:08:55 PM



#60
Dibromochloromethane
Concen: 61.116 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion: 129 Resp: 51574
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





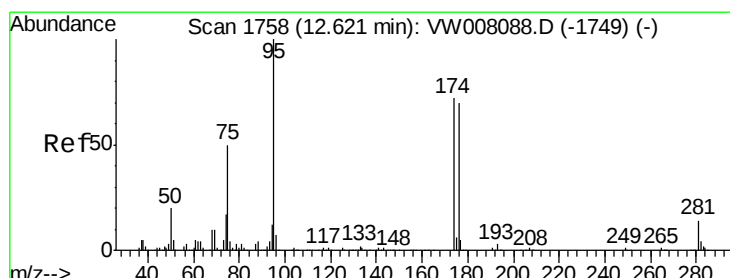
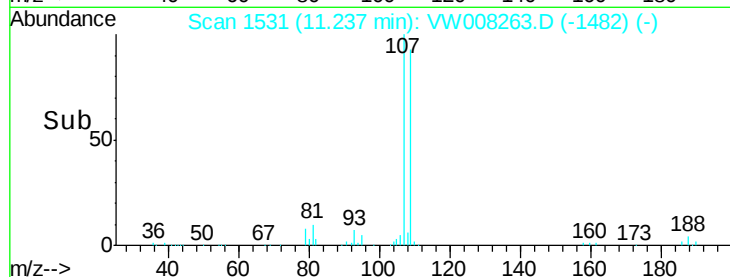
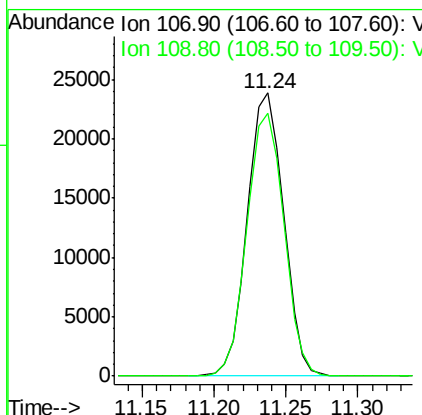
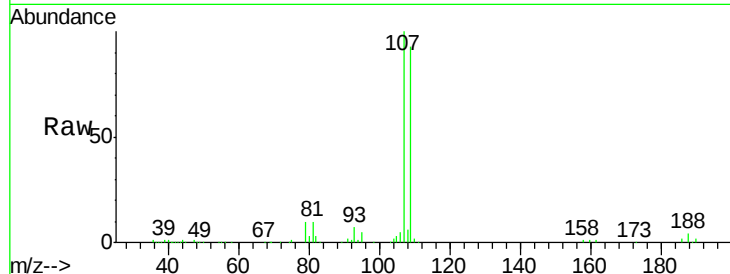
#61
 1,2-Dibromoethane
 Concen: 57.167 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:107 Resp: 41685
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.9 113.9

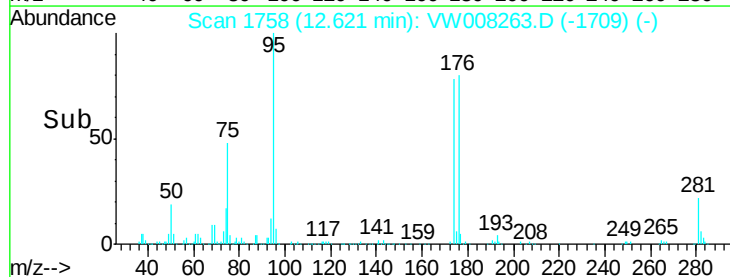
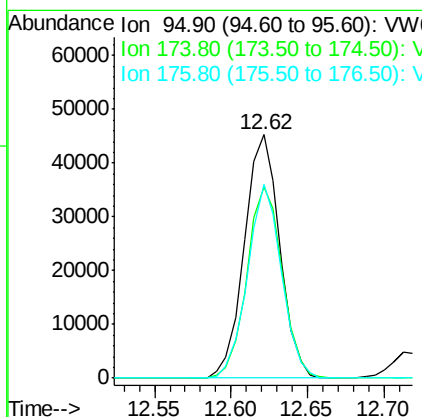
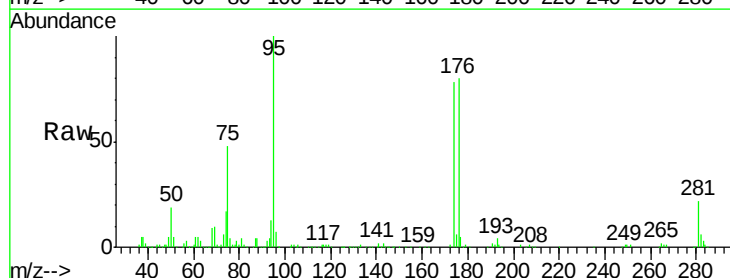
Manual Integrations
 APPROVED

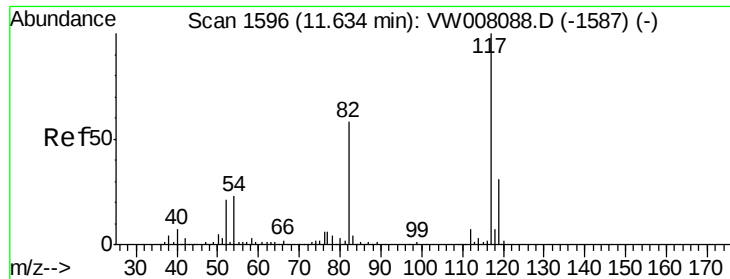
apatel
 1/15/2019 2:08:55 PM



#62
 4-Bromofluorobenzene
 Concen: 51.423 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Tgt Ion: 95 Resp: 72587
 Ion Ratio Lower Upper
 95 100
 174 78.8 0.0 143.0
 176 76.7 0.0 140.2





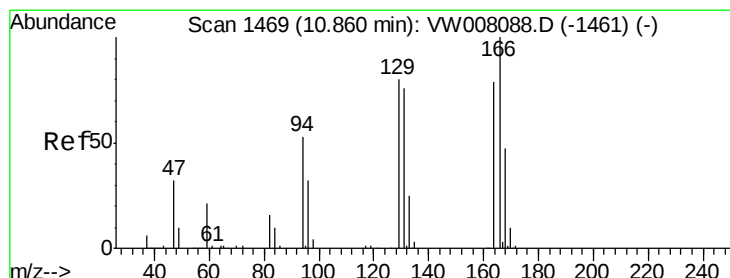
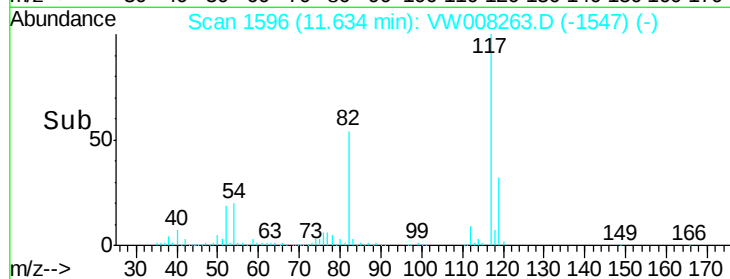
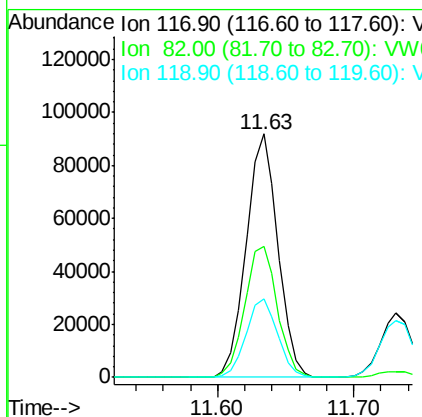
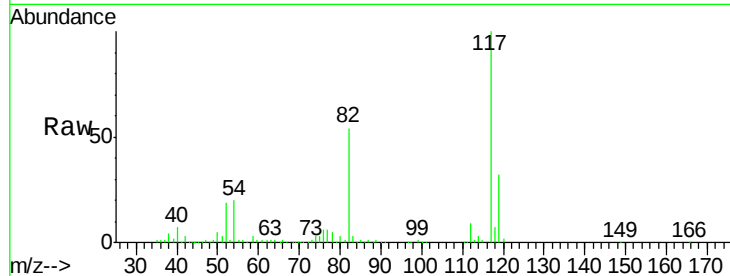
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	149663		
82	53.8	46.4	69.6	
119	32.0	24.7	37.1	

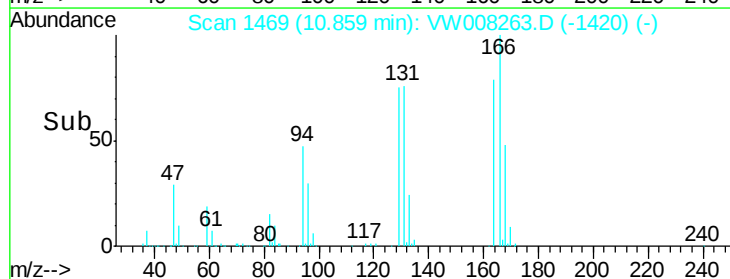
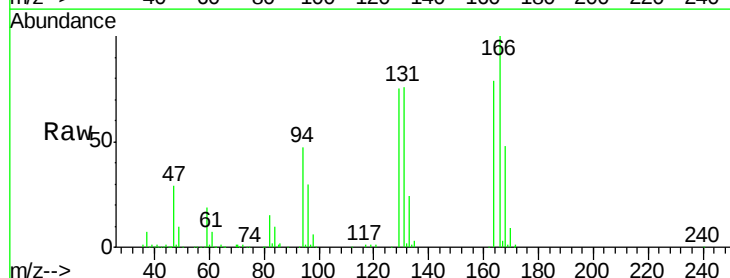
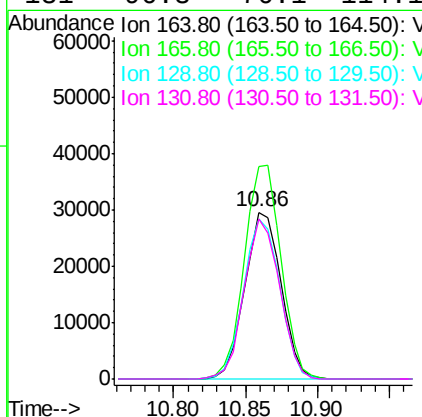
Manual Integrations
APPROVED

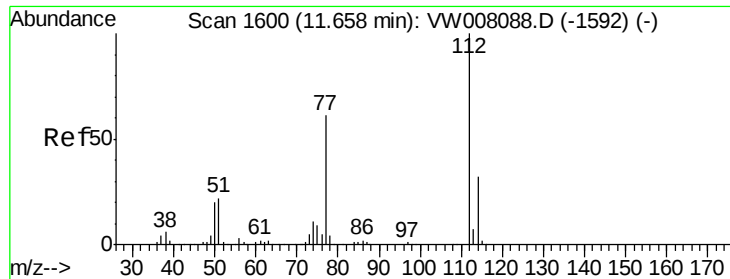
apatel
1/15/2019 2:08:55 PM



#64
Tetrachloroethene
Concen: 52.918 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51542		
166	127.3	100.7	151.1	
129	95.9	81.0	121.4	
131	96.3	76.1	114.1	





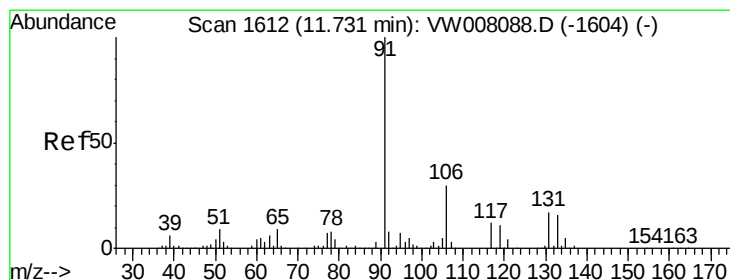
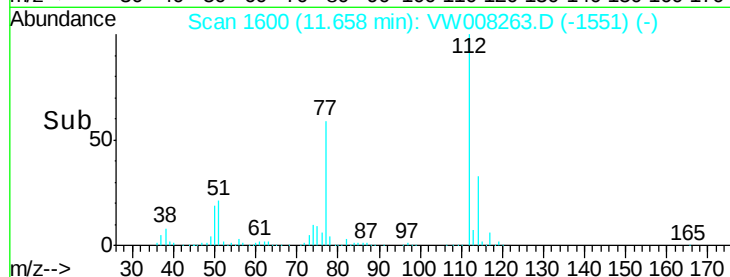
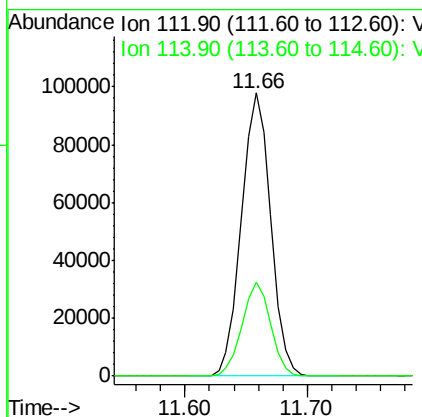
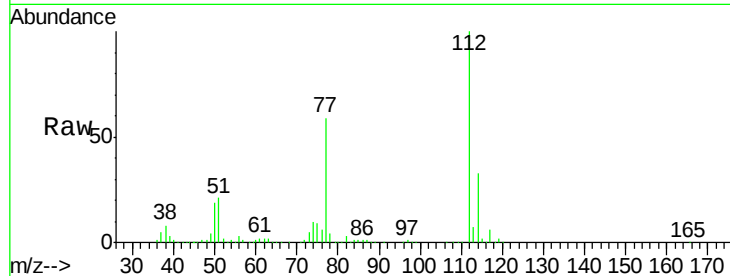
#65
Chlorobenzene
Concen: 51.347 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 162807
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4

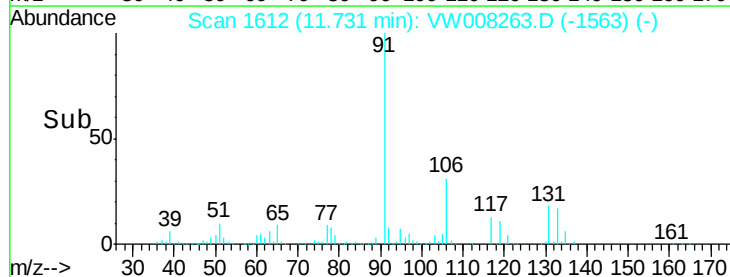
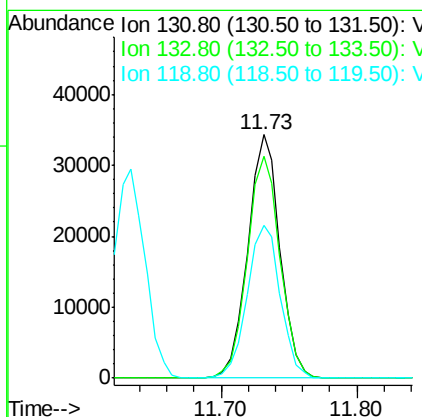
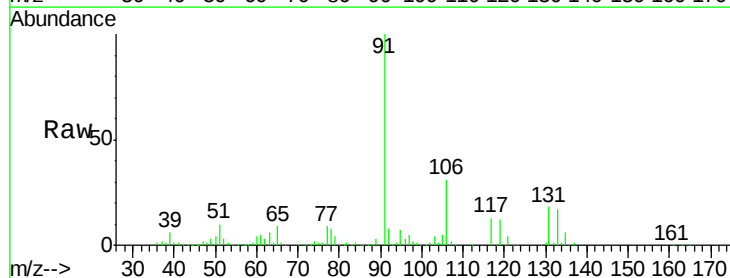
Manual Integrations
APPROVED

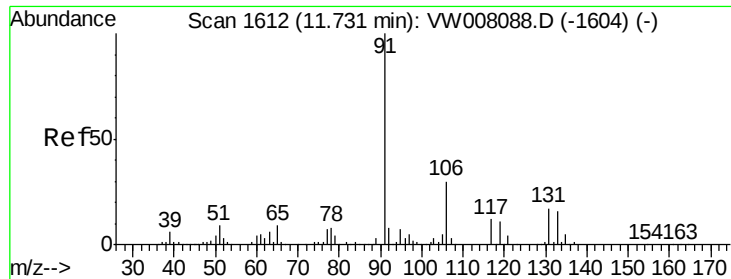
apatel
1/15/2019 2:08:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.766 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion:131 Resp: 56479
Ion Ratio Lower Upper
131 100
133 93.6 47.9 143.7
119 65.2 32.5 97.4





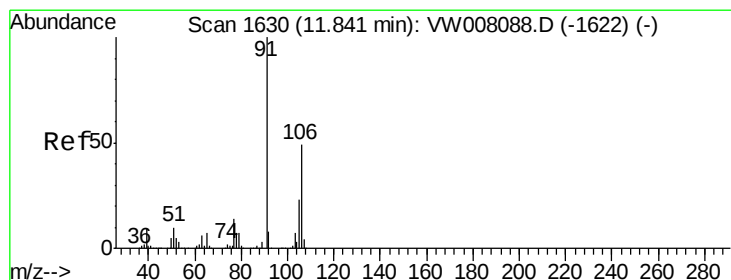
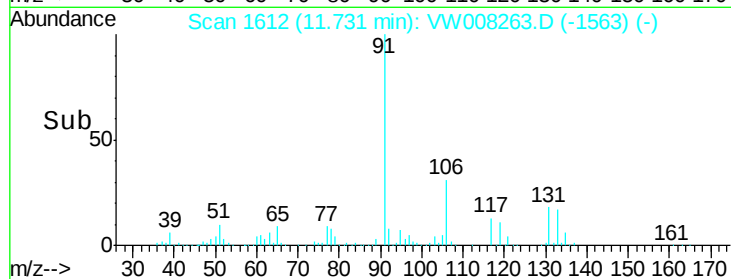
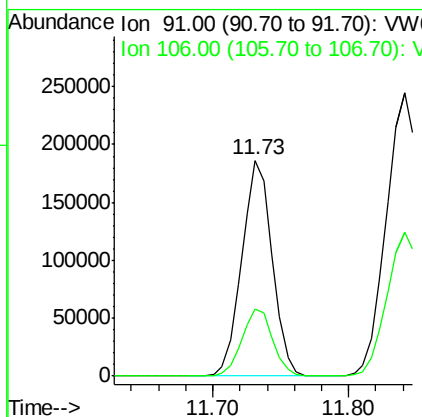
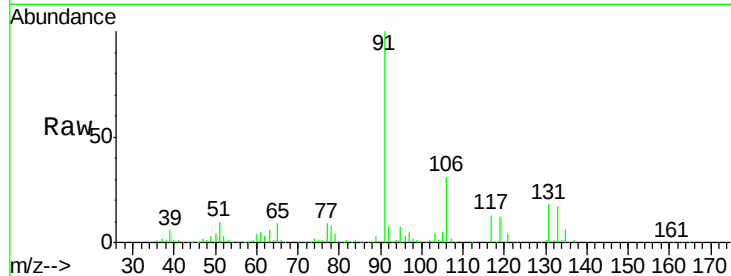
#67
Ethyl Benzene
Concen: 50.056 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 290405
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4

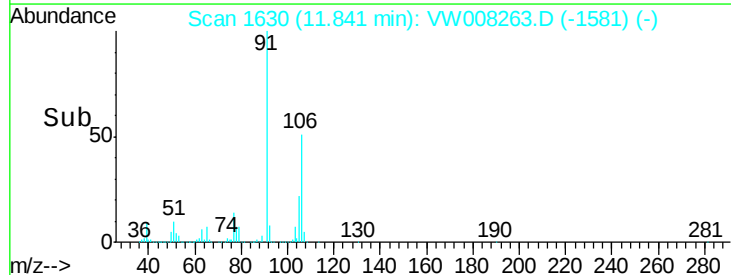
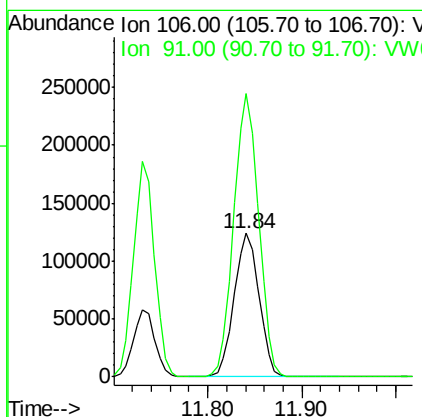
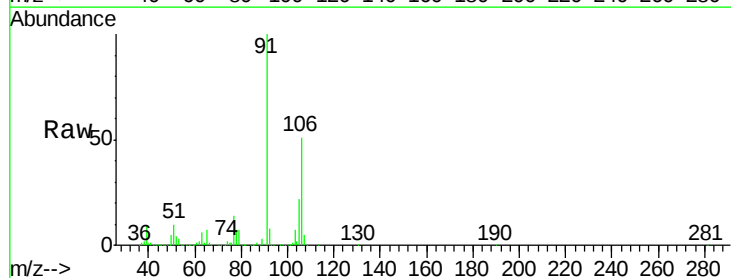
Manual Integrations
APPROVED

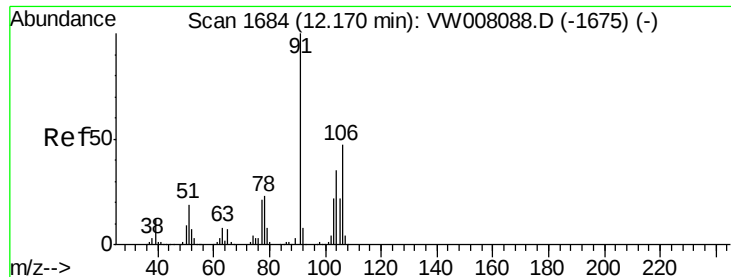
apatel
1/15/2019 2:08:55 PM



#68
m/p-Xylenes
Concen: 102.784 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion: 106 Resp: 227604
Ion Ratio Lower Upper
106 100
91 197.3 162.4 243.6





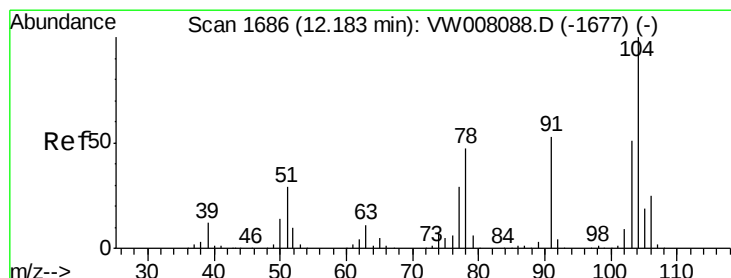
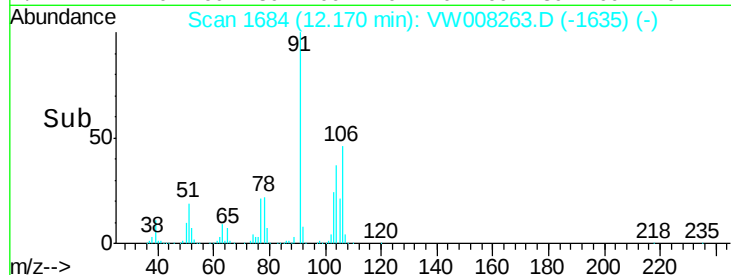
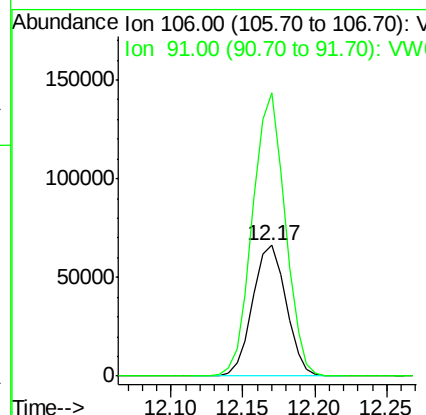
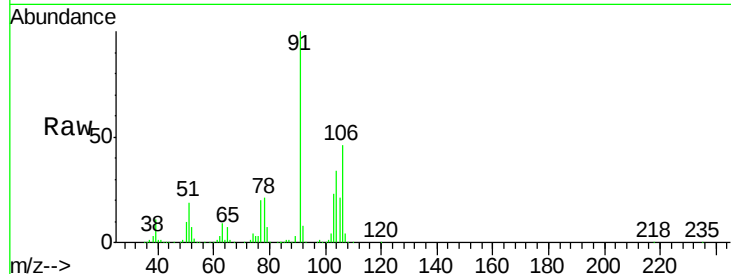
#69
o-Xylene
Concen: 51.995 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.1	107.8	323.6

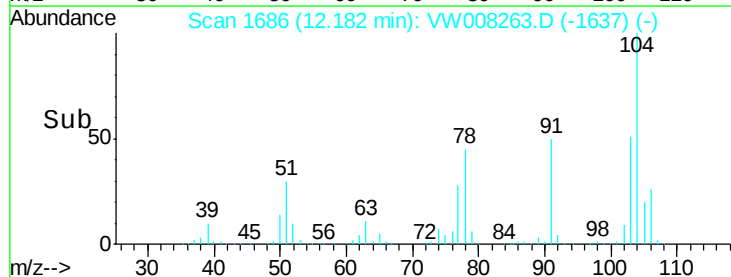
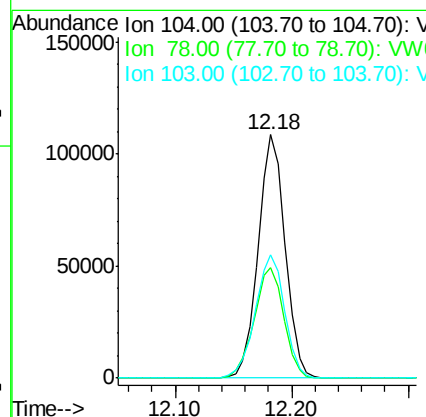
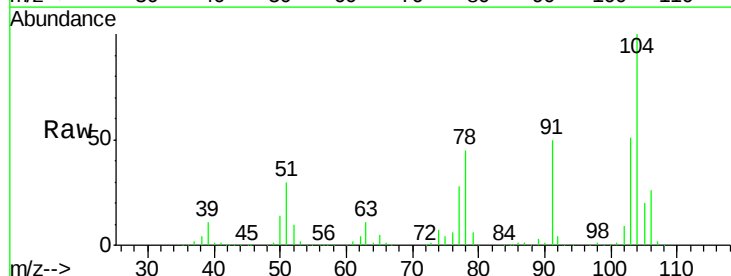
Manual Integrations
APPROVED

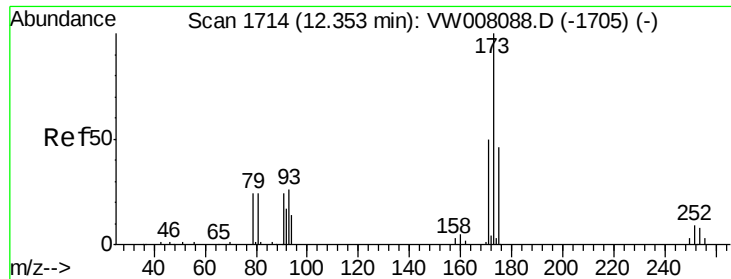
apatel
1/15/2019 2:08:55 PM



#70
Styrene
Concen: 54.388 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.9	41.8	62.8
103	55.0	43.8	65.8





#71

Bromoform

Concen: 62.727 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

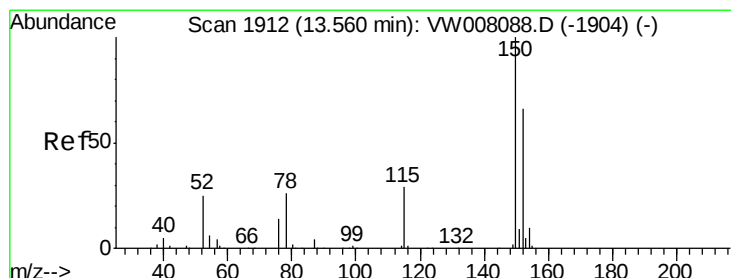
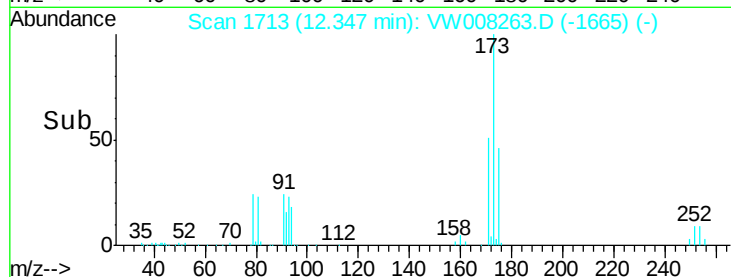
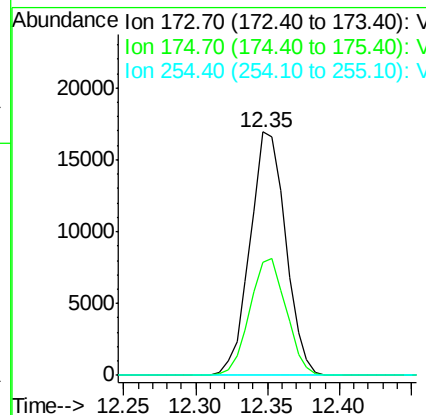
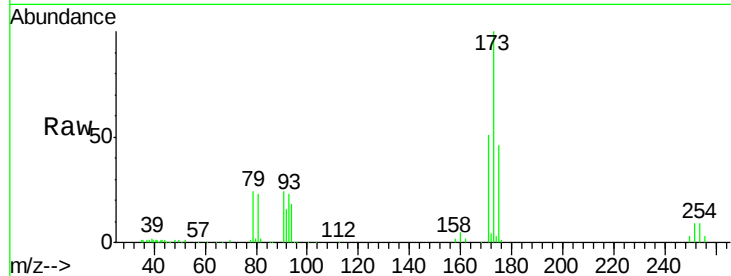
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	28952
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.3	69.8
254	0.0	0.0	0.0

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

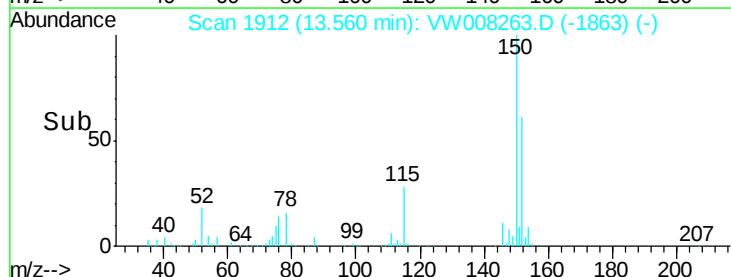
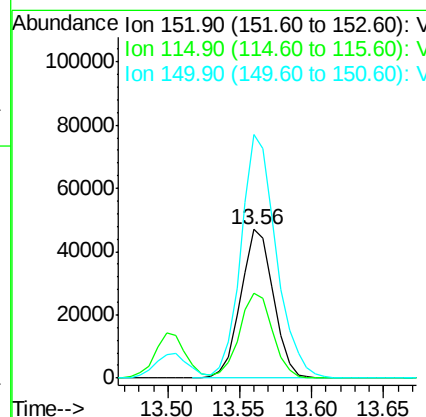
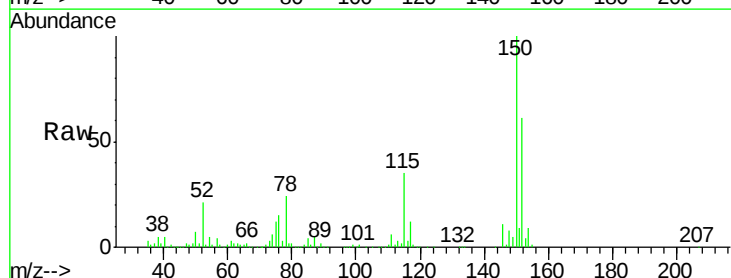
RT: 13.56 min Scan# 1912

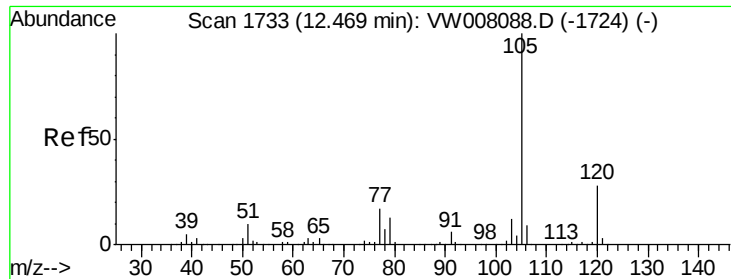
Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion:	152	Resp:	74101
Ion Ratio	Lower	Upper	
152	100		
115	58.1	30.8	92.4
150	176.1	0.0	350.2





#73

Isopropylbenzene

Concen: 49.448 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 287669

Ion Ratio Lower Upper

105 100

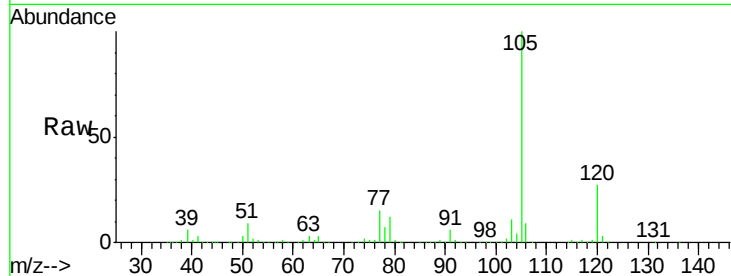
120 27.1 13.6 40.8

Manual Integrations

APPROVED

apatel

1/15/2019 2:08:55 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

200000

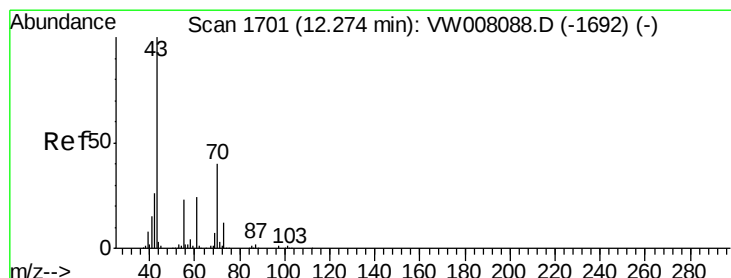
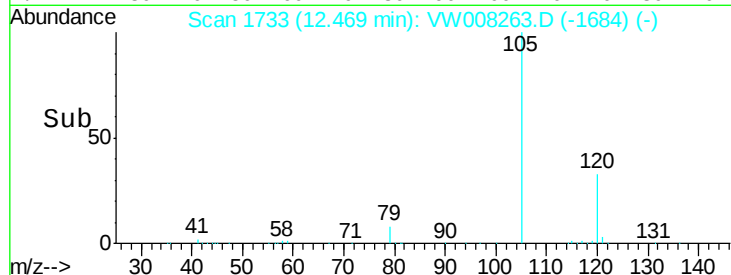
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 50.272 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion: 43 Resp: 64768

Ion Ratio Lower Upper

43 100

70 41.4 32.4 48.6

55 25.4 18.7 28.1

61 24.6 19.0 28.6

Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.27

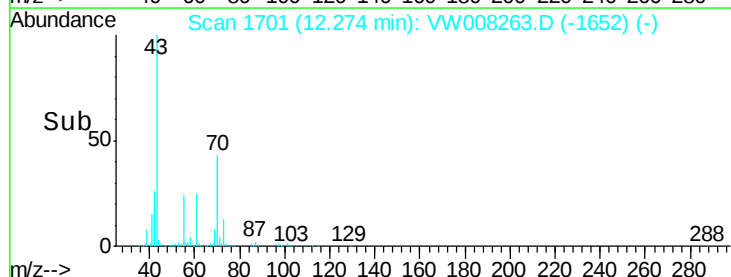
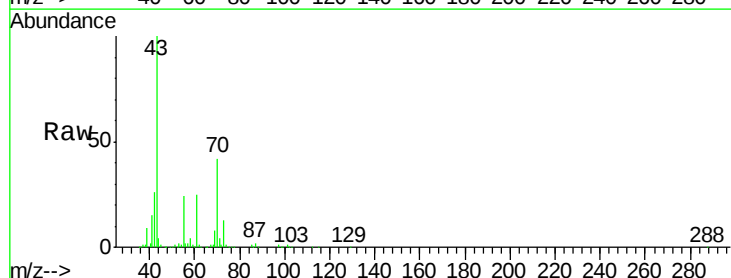
60000

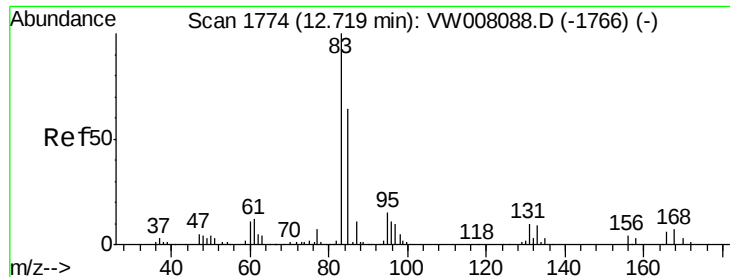
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.950 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

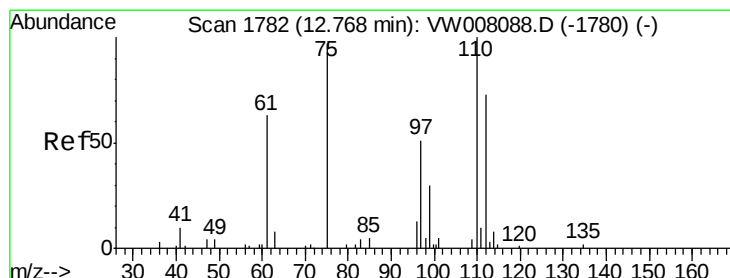
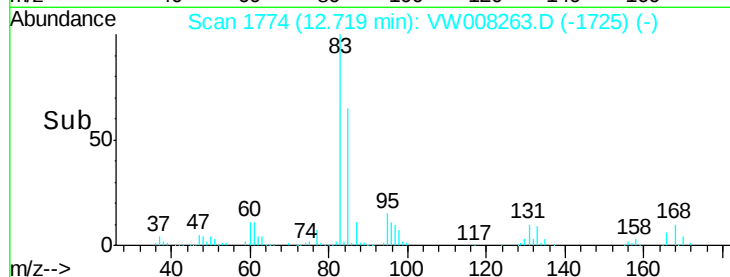
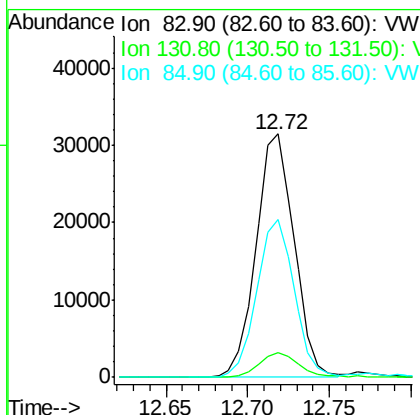
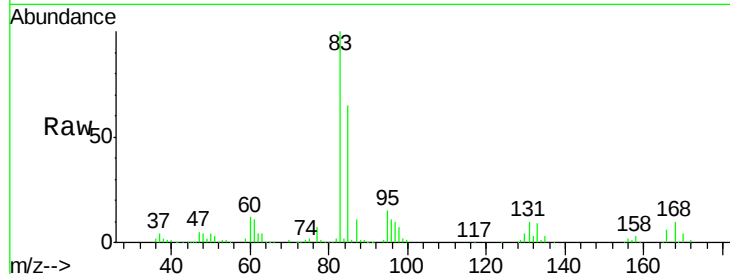
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	51169
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	16.1
85	63.7	32.4	97.2

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM



#76

1,2,3-Trichloropropane

Concen: 55.478 ug/l m

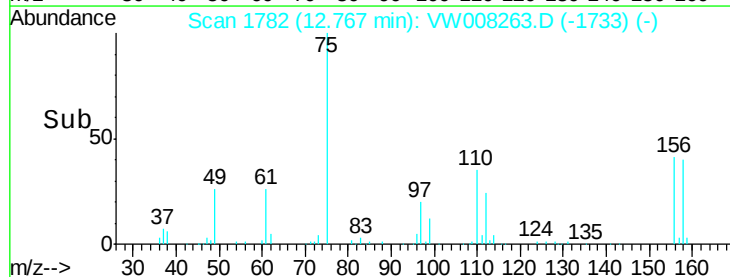
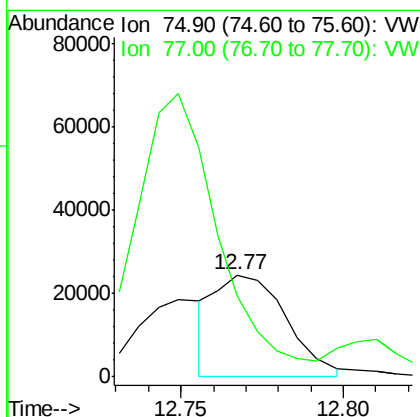
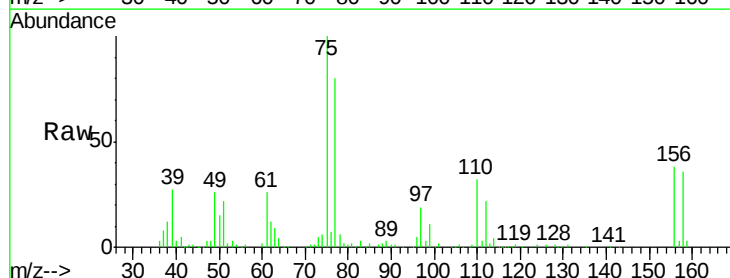
RT: 12.77 min Scan# 1782

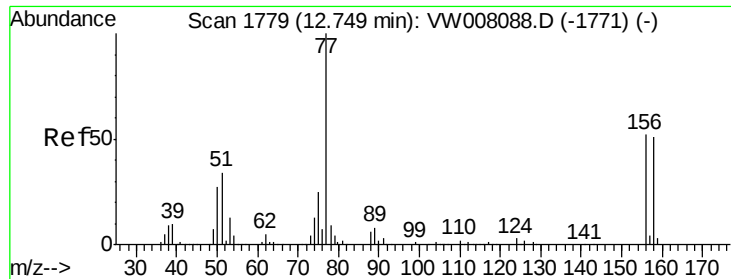
Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion:	75	Resp:	37476
Ion Ratio	Lower	Upper	
75	100		
77	328.0	179.4	538.2





#77

Bromobenzene

Concen: 53.618 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

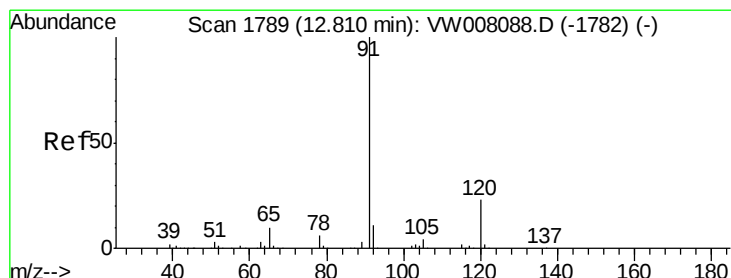
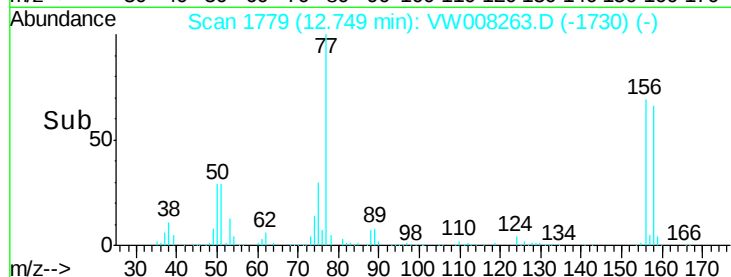
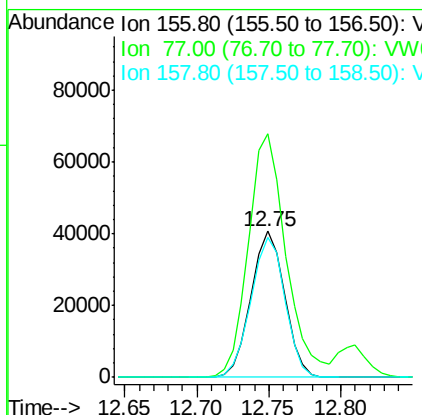
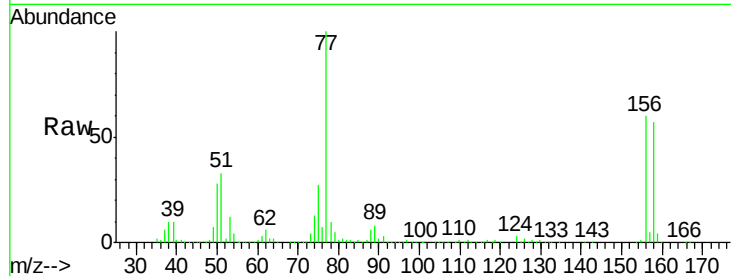
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	186.5	104.2	312.5
158	96.4	47.9	143.6

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM



#78

n-propylbenzene

Concen: 48.308 ug/l

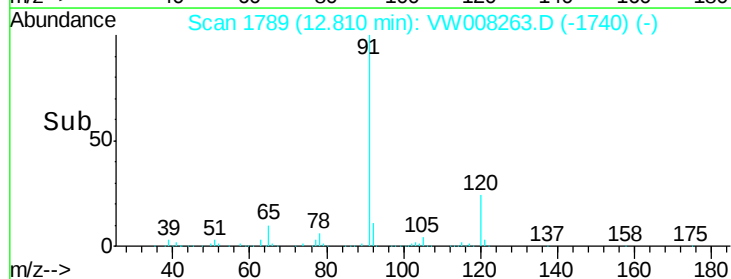
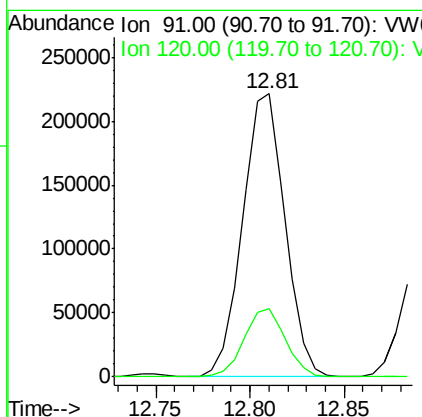
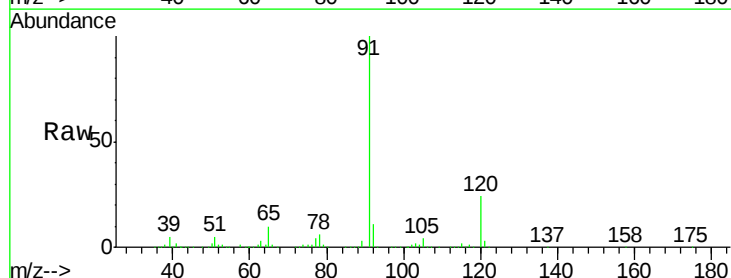
RT: 12.81 min Scan# 1789

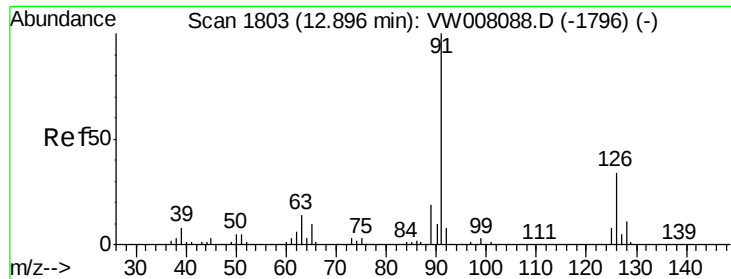
Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.3	33.8





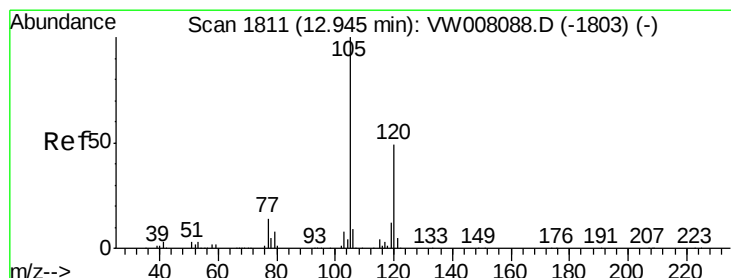
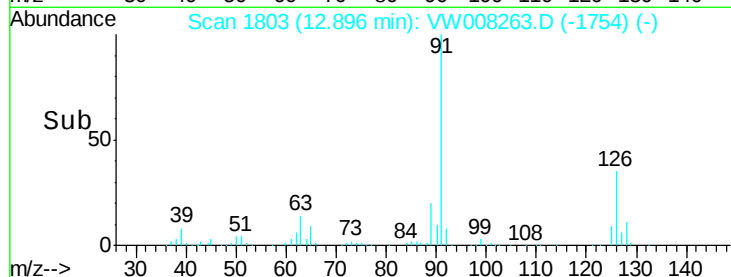
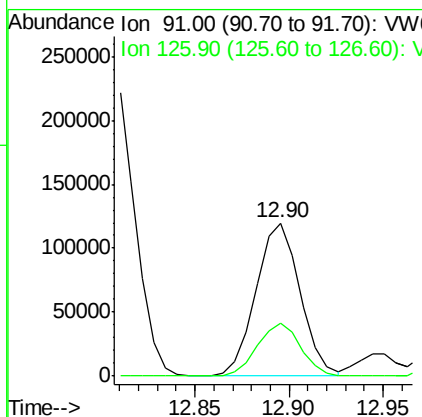
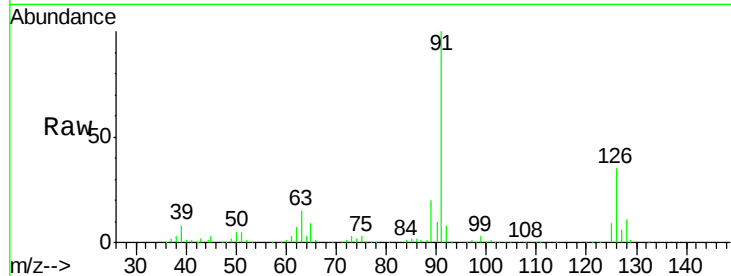
#79
 2-Chlorotoluene
 Concen: 48.757 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 193902
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.8 50.3

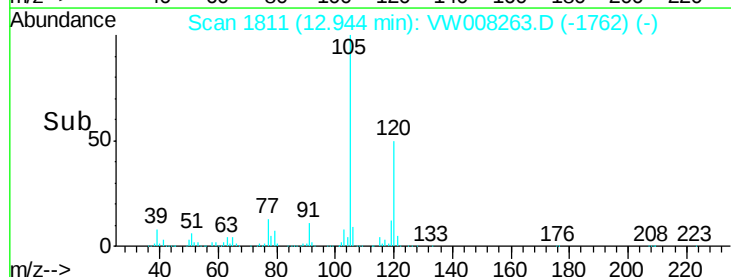
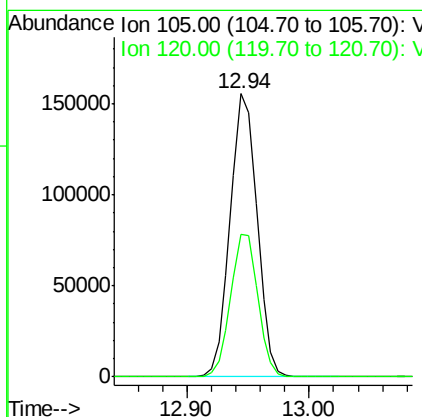
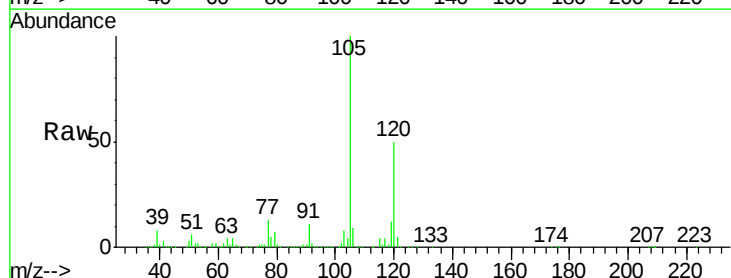
Manual Integrations
 APPROVED

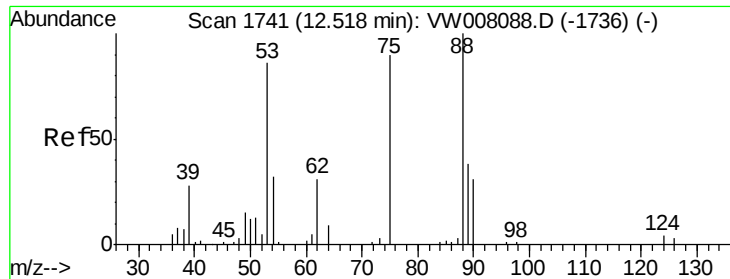
apatel
 1/15/2019 2:08:55 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 49.514 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Tgt Ion:105 Resp: 236712
 Ion Ratio Lower Upper
 105 100
 120 50.8 24.7 74.1





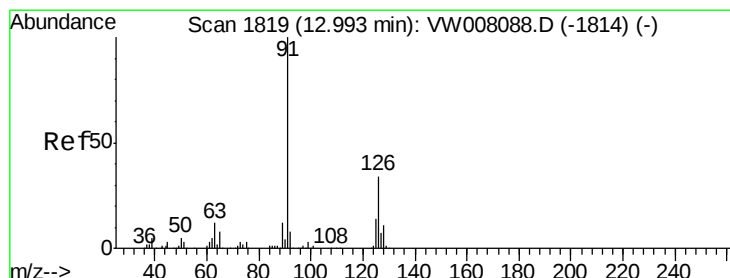
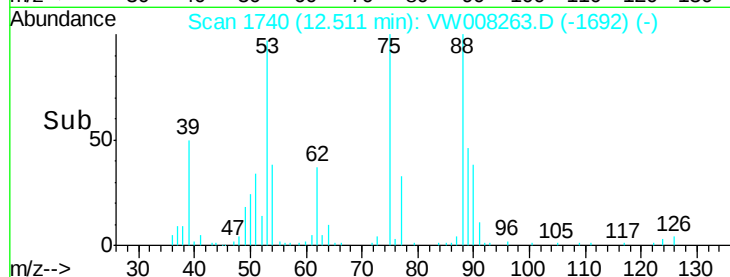
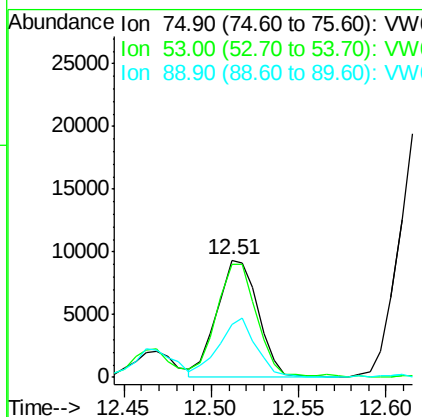
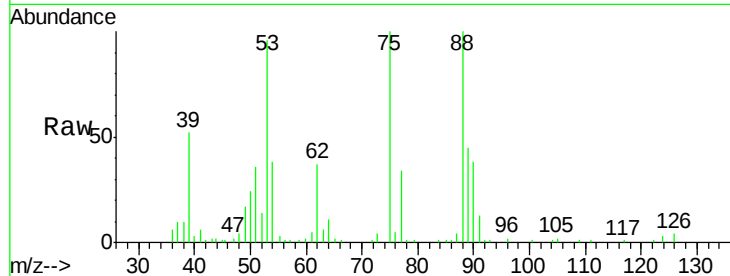
#81
trans-1,4-Dichloro-2-butene
Concen: 53.251 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.6	78.8	118.2
89	45.6	35.4	53.2

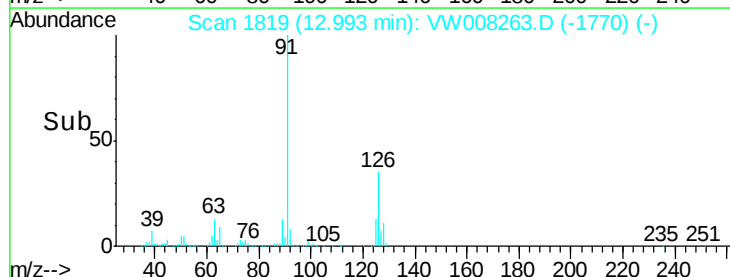
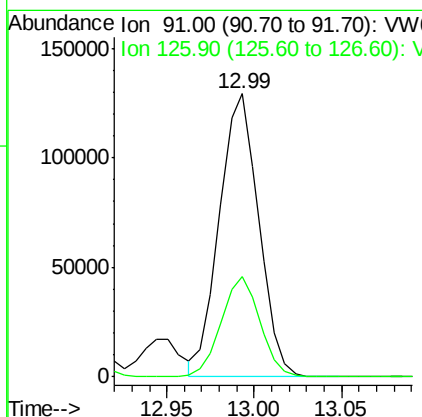
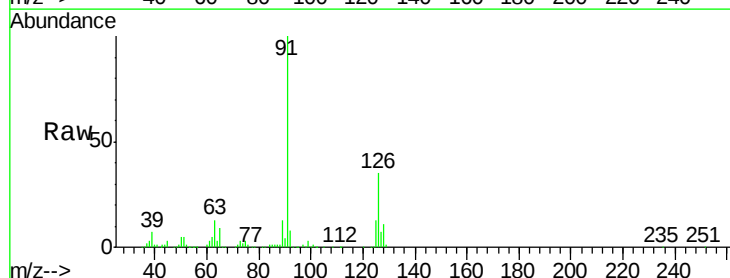
Manual Integrations
APPROVED

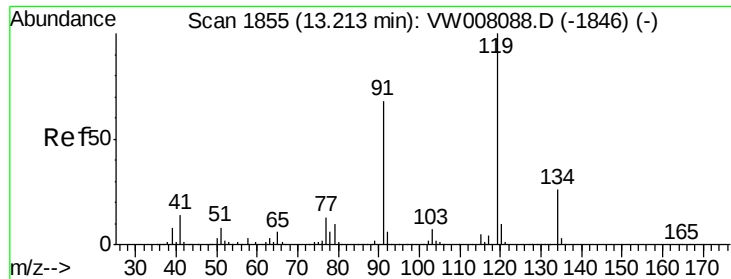
apatel
1/15/2019 2:08:55 PM



#82
4-Chlorotoluene
Concen: 48.326 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	16.5	49.5





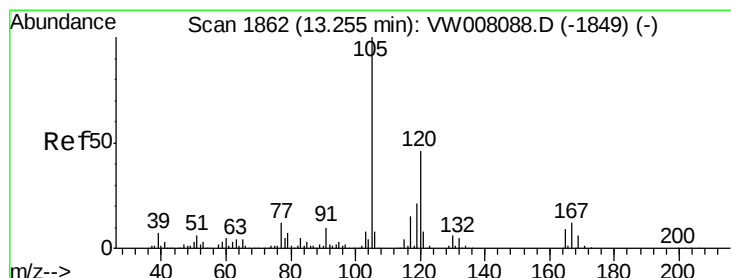
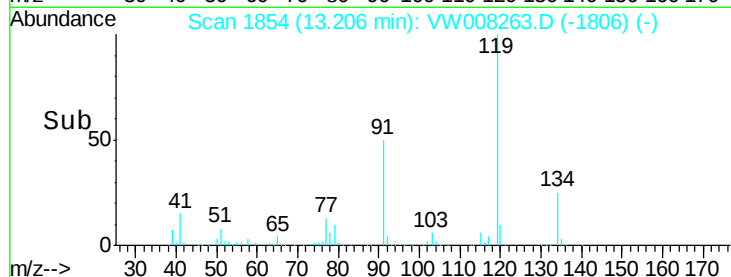
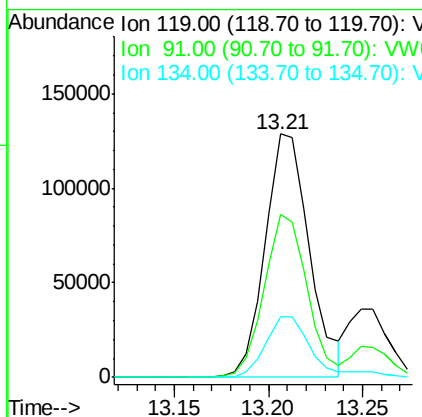
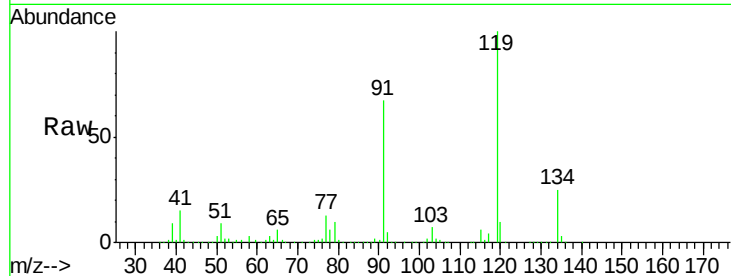
#83
tert-Butylbenzene
Concen: 49.861 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	210884		
91	64.6	33.9	101.6	
134	26.4	13.6	40.8	

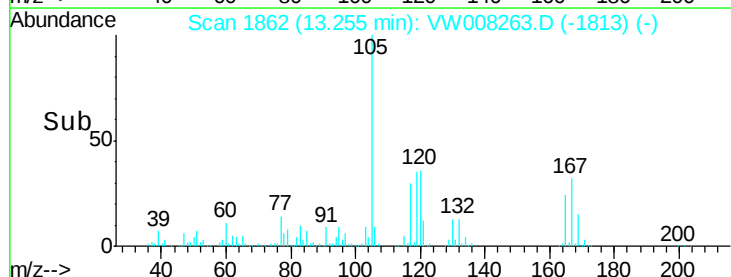
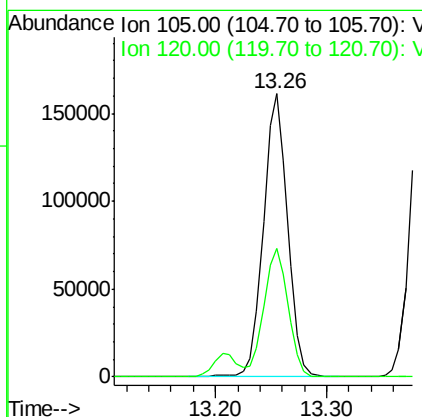
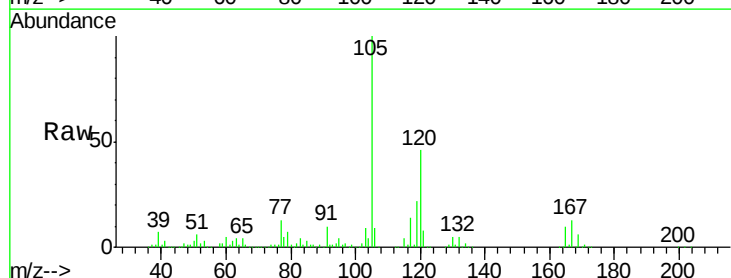
Manual Integrations
APPROVED

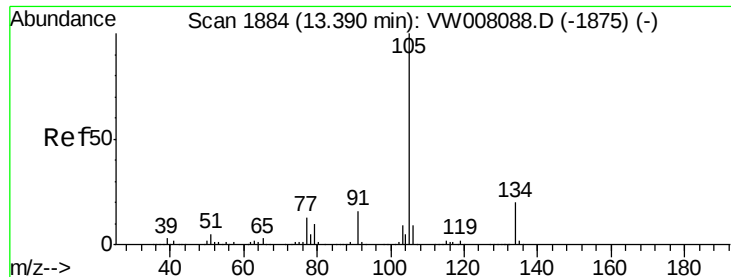
apatel
1/15/2019 2:08:55 PM



#84
1,2,4-Trimethylbenzene
Concen: 49.555 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008263.D
Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	244342		
120	45.9	22.7	68.1	





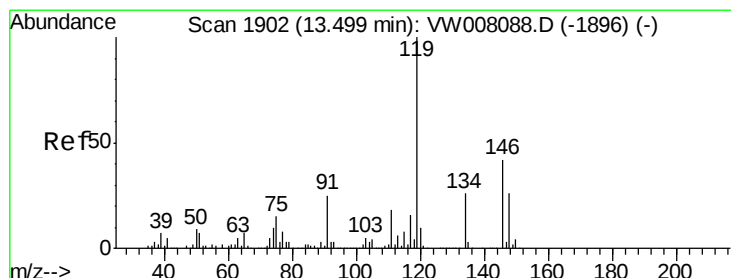
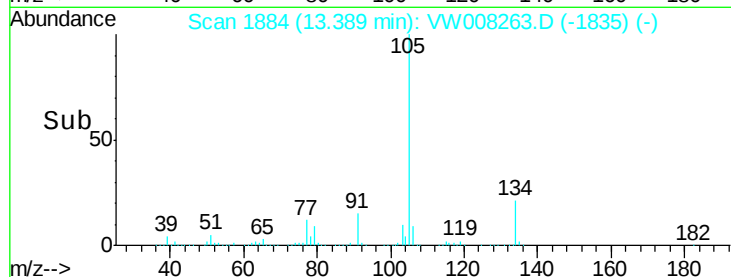
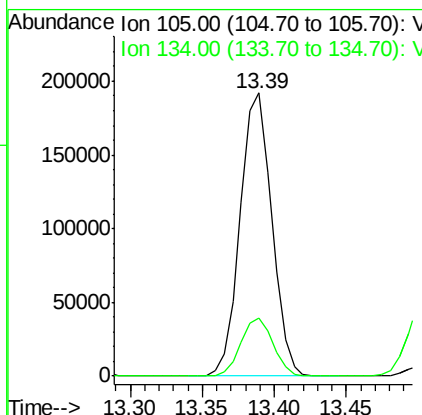
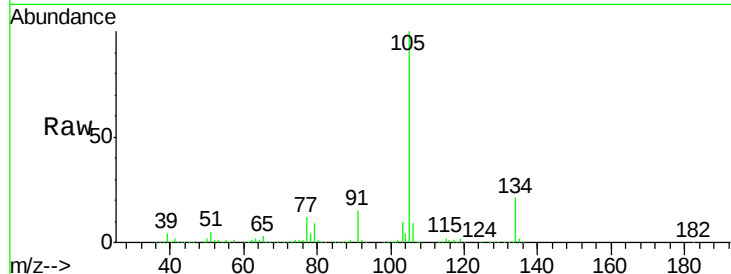
#85
 sec-Butylbenzene
 Concen: 47.362 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.1	30.1

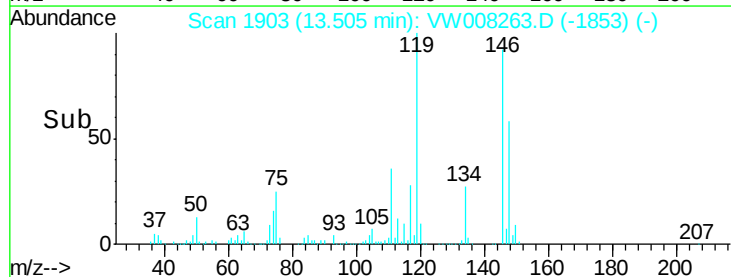
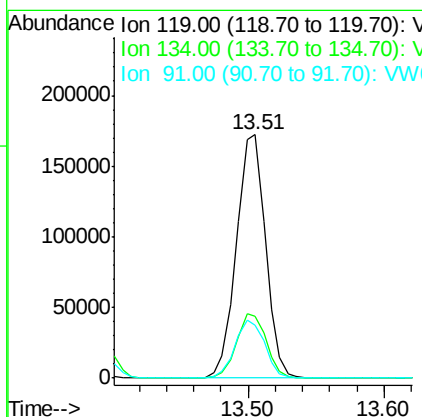
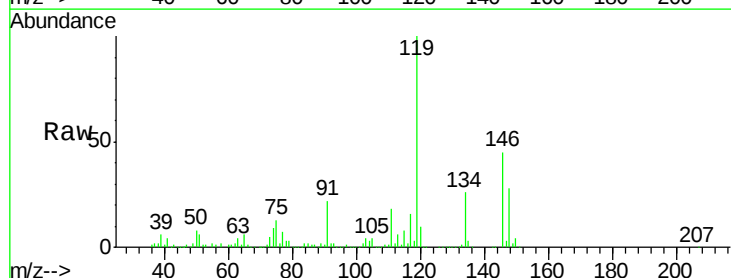
Manual Integrations
 APPROVED

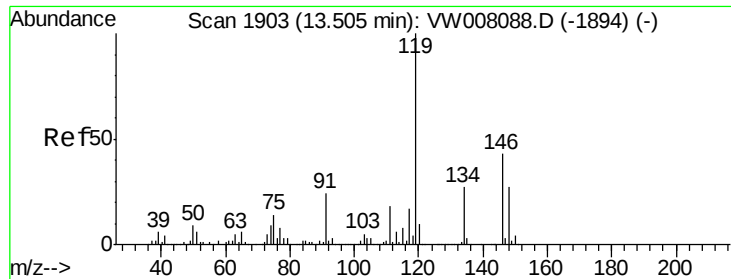
apatel
 1/15/2019 2:08:55 PM



#86
 p-Isopropyltoluene
 Concen: 47.914 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.3	39.8
91	24.1	12.3	36.9





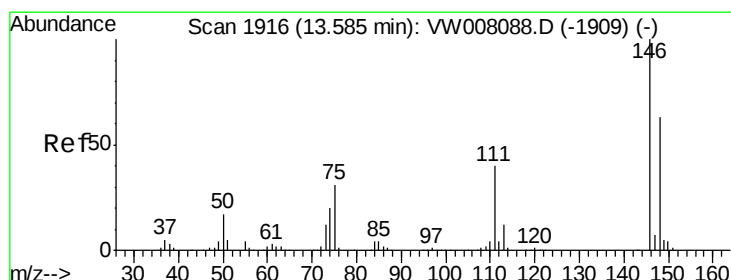
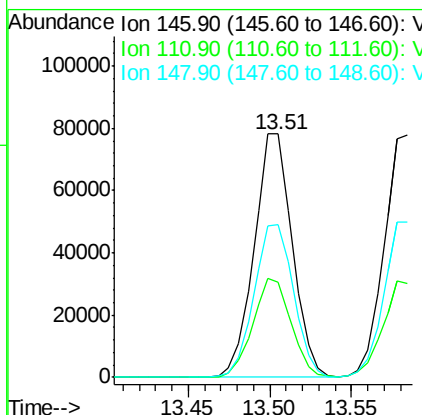
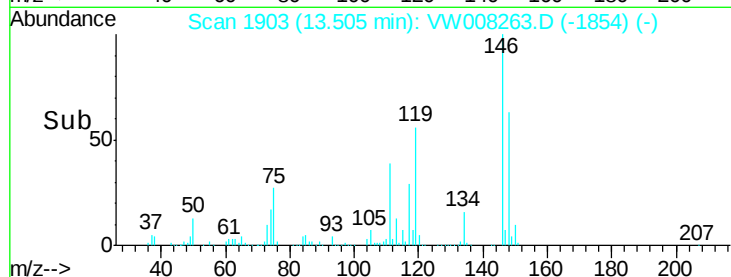
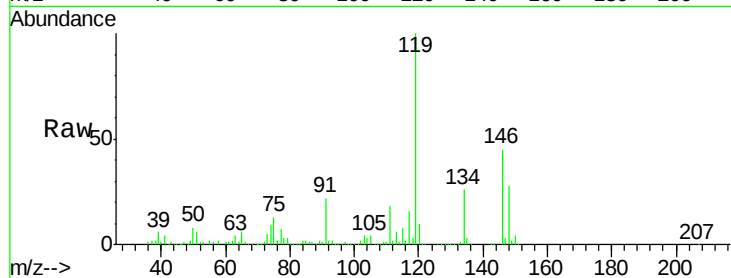
#87
 1,3-Dichlorobenzene
 Concen: 50.888 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.1	63.1
148	64.8	31.3	93.9

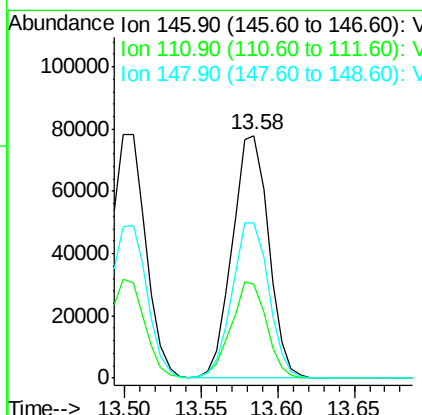
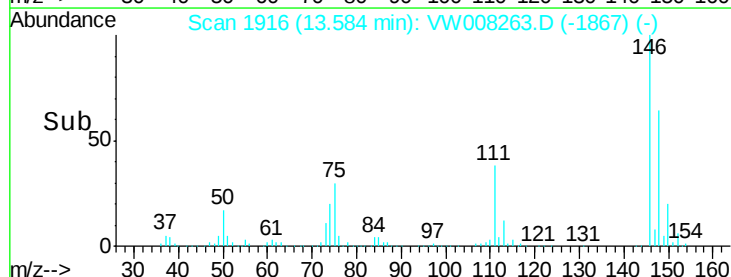
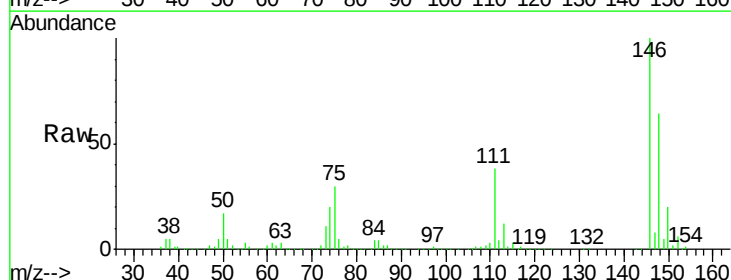
Manual Integrations
 APPROVED

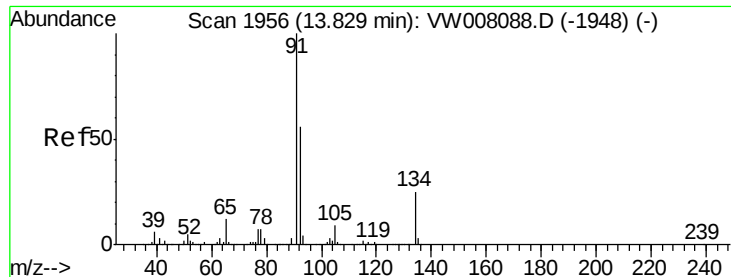
apatel
 1/15/2019 2:08:55 PM



#88
 1,4-Dichlorobenzene
 Concen: 51.443 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.5	61.5
148	64.7	31.6	94.8





#89

n-Butylbenzene

Concen: 48.047 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

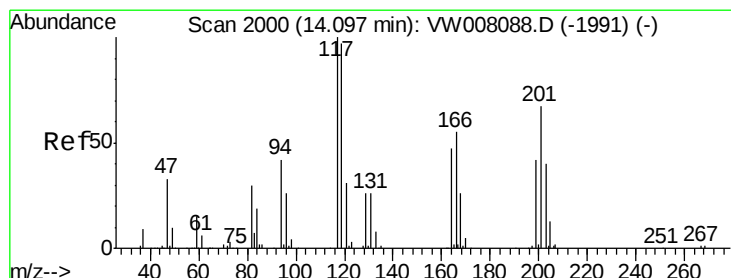
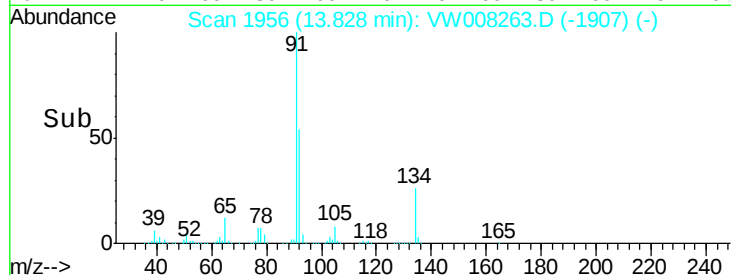
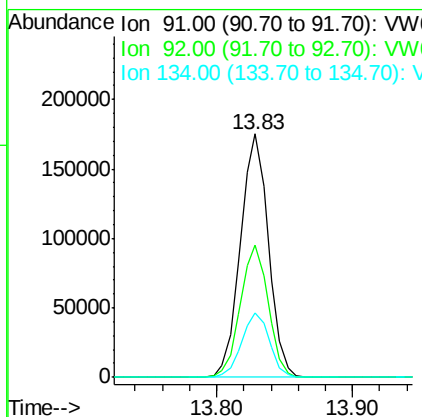
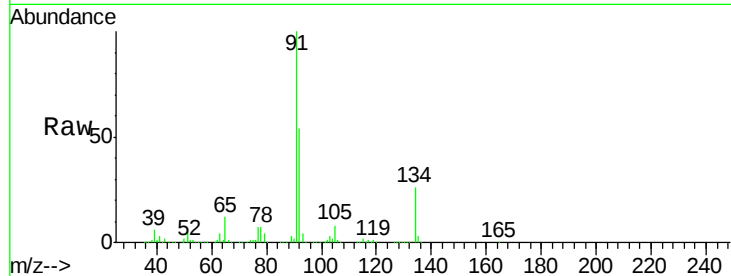
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	251762
Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.4	82.2
134	26.3	12.6	37.8

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM



#90

Hexachloroethane

Concen: 52.534 ug/l

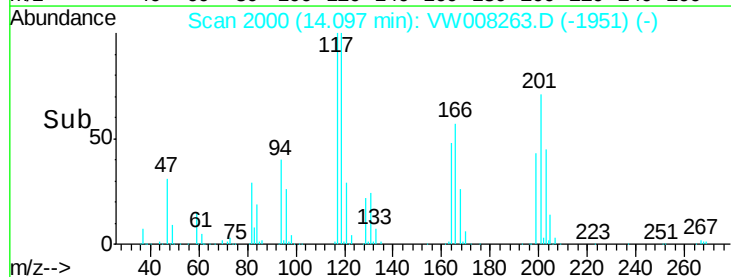
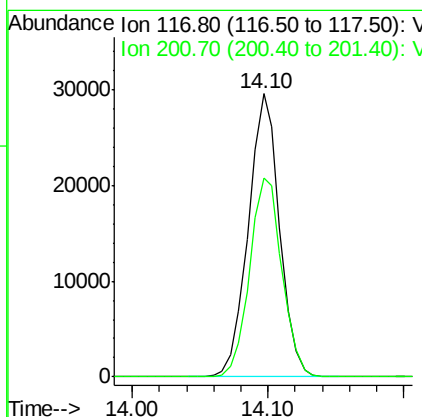
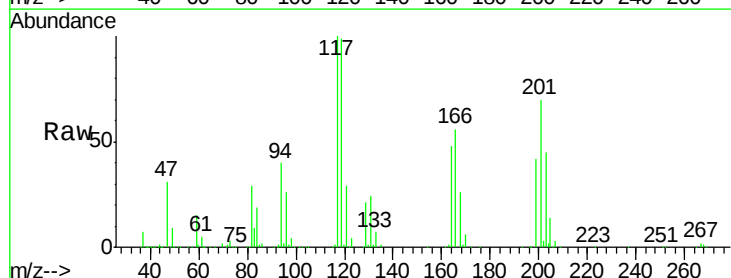
RT: 14.10 min Scan# 2000

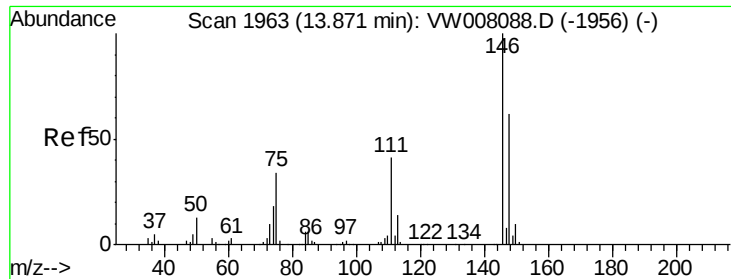
Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion:	117	Resp:	47473
Ion	Ratio	Lower	Upper
117	100		
201	72.9	33.0	98.9





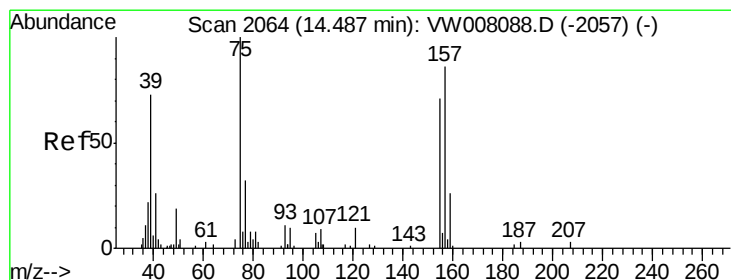
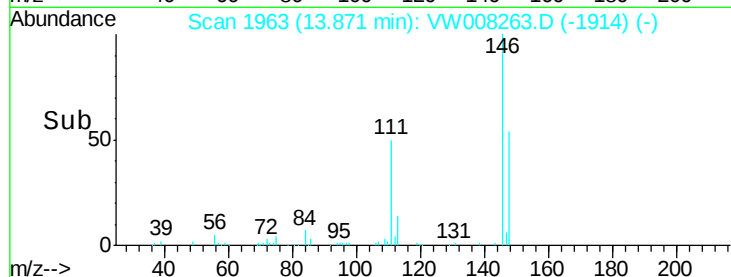
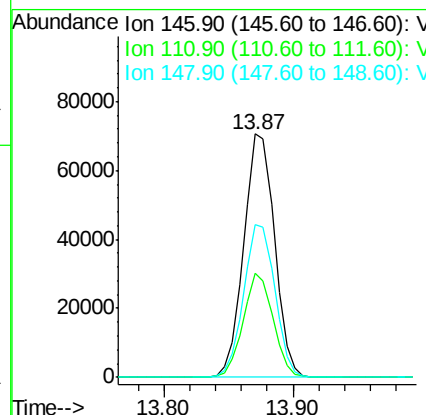
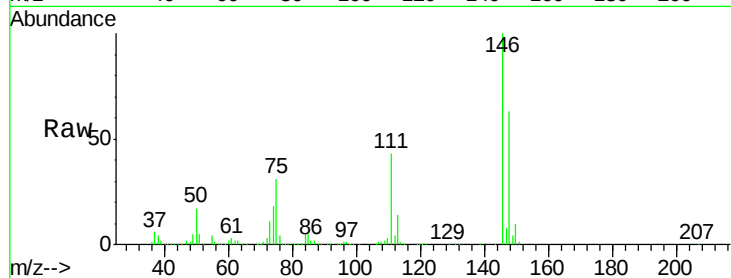
#91
 1,2-Dichlorobenzene
 Concen: 53.206 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.3	63.7
148	63.6	31.5	94.5

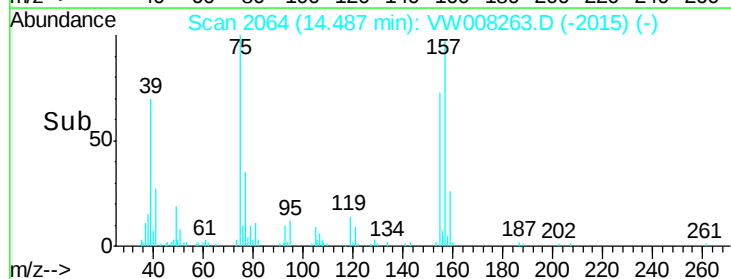
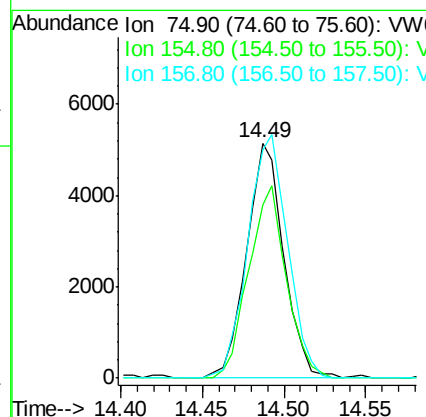
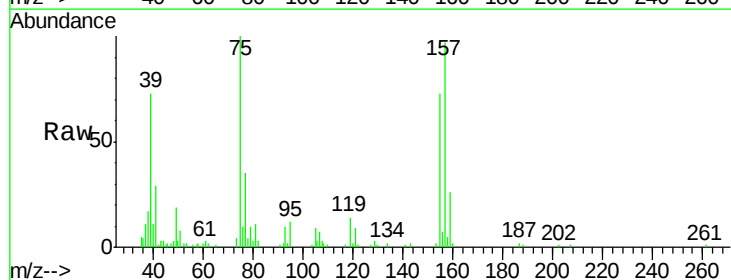
Manual Integrations
 APPROVED

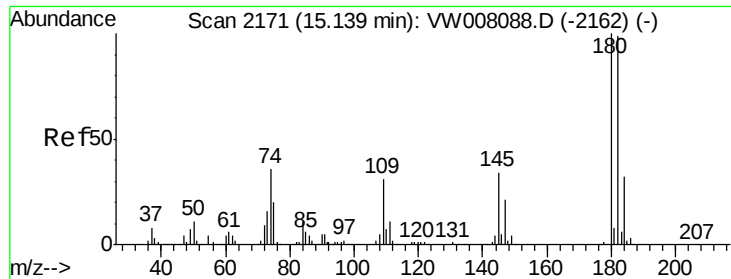
apatel
 1/15/2019 2:08:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.691 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	38.6	115.7
157	110.5	47.5	142.6





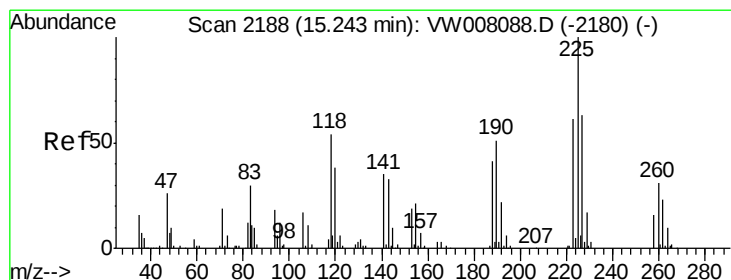
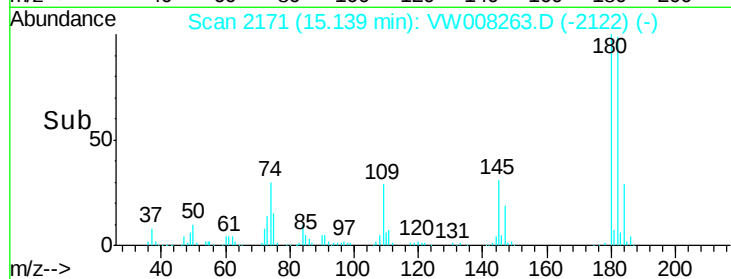
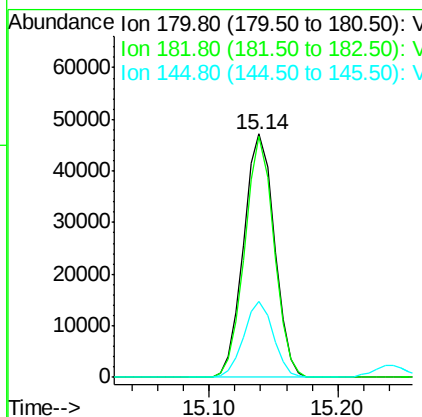
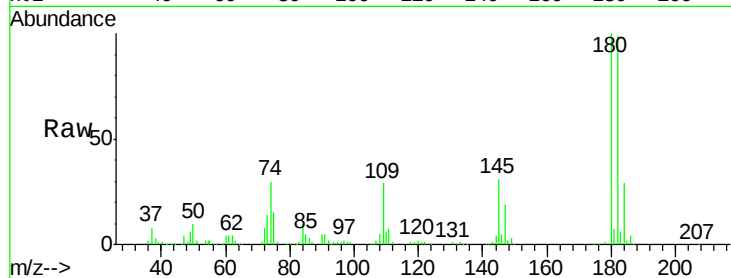
#93
 1,2,4-Trichlorobenzene
 Concen: 53.412 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.6	145.9
145	30.3	16.6	49.7

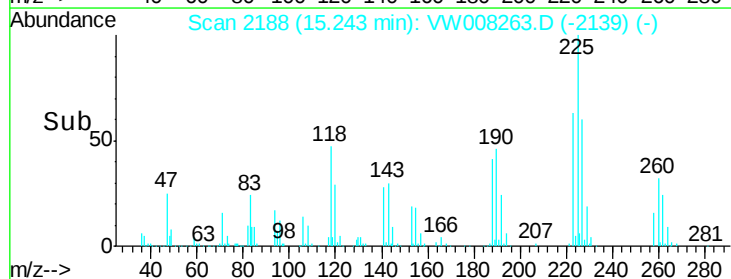
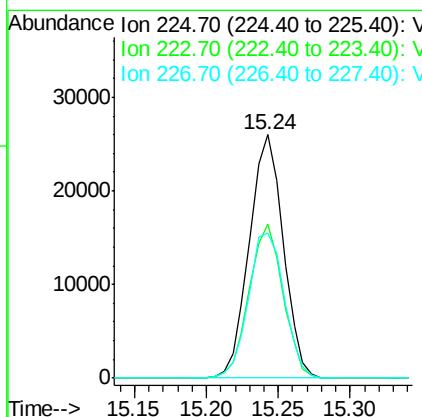
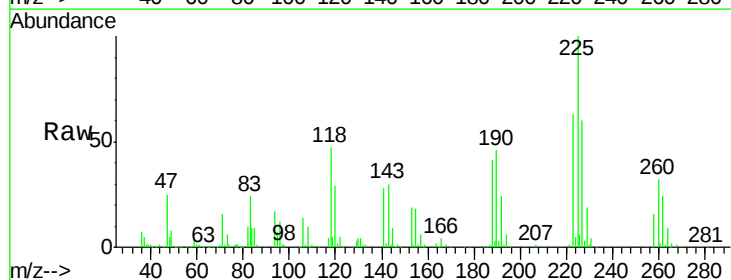
Manual Integrations
 APPROVED

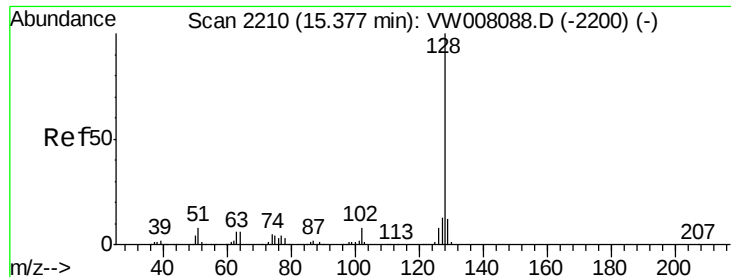
apatel
 1/15/2019 2:08:55 PM



#94
 Hexachlorobutadiene
 Concen: 54.603 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008263.D
 Acq: 14 Jan 2019 23:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.3
227	62.8	32.0	96.2





#95

Naphthalene

Concen: 54.943 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Instrument :

MSVOA_W

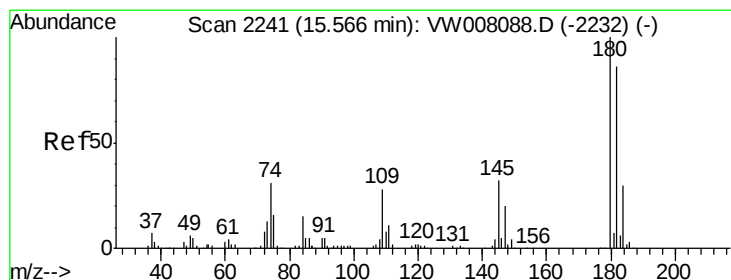
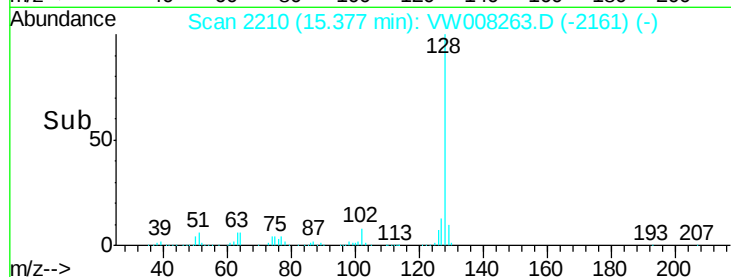
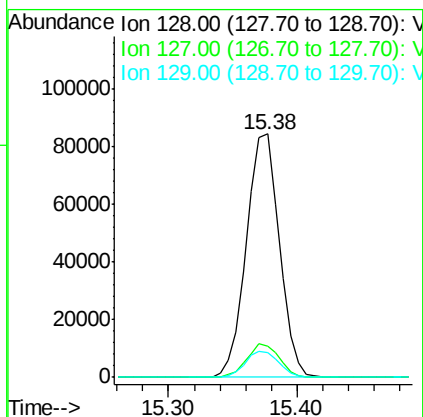
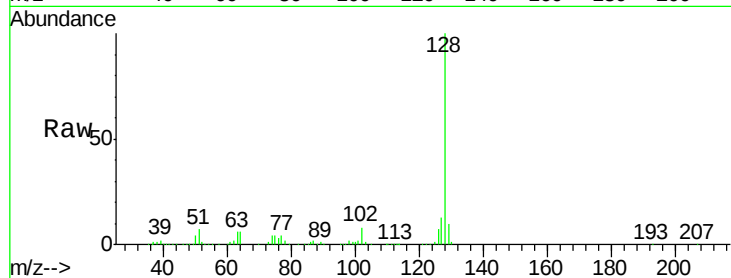
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	149265
Ion Ratio	Lower	Upper	
128	100		
127	13.5	11.0	16.4
129	11.1	9.0	13.6

Manual Integrations
APPROVED

apatel
1/15/2019 2:08:55 PM



#96

1,2,3-Trichlorobenzene

Concen: 55.062 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW008263.D

Acq: 14 Jan 2019 23:39

Tgt Ion:	180	Resp:	68295
Ion Ratio	Lower	Upper	
180	100		
182	94.4	46.5	139.3
145	34.0	17.4	52.2

