

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006789.D
 Acq On : 09 Nov 2018 16:25
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:41:04 PM

Quant Time: Nov 12 04:56:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	343106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	439552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	430486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	246973	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	103895	41.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.64%	
35) Dibromofluoromethane	7.89	113	111006	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
50) Toluene-d8	10.33	98	485084	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
62) 4-Bromofluorobenzene	12.62	95	178212	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	130991	46.956	ug/l	98
3) Chloromethane	2.21	50	153929	45.963	ug/l	99
4) Vinyl Chloride	2.36	62	167503	47.575	ug/l	99
5) Bromomethane	2.78	94	119518	49.059	ug/l	99
6) Chloroethane	2.92	64	107779	46.776	ug/l	99
7) Trichlorofluoromethane	3.26	101	207051	46.804	ug/l	96
8) Diethyl Ether	3.69	74	58563	45.505	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	135233	46.007	ug/l	99
10) Methyl Iodide	4.28	142	211754	51.854	ug/l	100
11) Tert butyl alcohol	5.21	59	36909	223.011	ug/l	99
12) 1,1-Dichloroethene	4.04	96	117804	48.063	ug/l	98
13) Acrolein	3.91	56	37409	217.029	ug/l	100
14) Allyl chloride	4.68	41	156863	47.475	ug/l	99
15) Acrylonitrile	5.38	53	120068	233.084	ug/l	99
16) Acetone	4.15	43	78071	214.485	ug/l	98
17) Carbon Disulfide	4.38	76	373179	46.156	ug/l	99
18) Methyl Acetate	4.68	43	53146	41.608	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	281163	46.835	ug/l	96
20) Methylene Chloride	4.92	84	142074	47.404	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	136142	46.437	ug/l	98
22) Diisopropyl ether	6.32	45	325373	46.728	ug/l	98
23) Vinyl Acetate	6.26	43	949415	239.070	ug/l	100
24) 1,1-Dichloroethane	6.22	63	210534	46.220	ug/l	99
25) 2-Butanone	7.18	43	135357	225.223	ug/l	98
26) 2,2-Dichloropropane	7.17	77	206586	47.602	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	145702	46.381	ug/l	100
28) Bromochloromethane	7.52	49	74931	43.919	ug/l	99
29) Tetrahydrofuran	7.54	42	89184	226.410	ug/l	99
30) Chloroform	7.68	83	228194	45.212	ug/l	98
31) Cyclohexane	7.96	56	216969	46.250	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	223945	46.752	ug/l	99
36) 1,1-Dichloropropene	8.09	75	196548	49.278	ug/l	100
37) Ethyl Acetate	7.26	43	64993	45.884	ug/l	99
38) Carbon Tetrachloride	8.07	117	206388	48.430	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006789.D
 Acq On : 09 Nov 2018 16:25
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW110918

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:41:04 PM

Quant Time: Nov 12 04:56:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	256996	50.607	ug/l	97
40) Benzene	8.33	78	543736	48.277	ug/l	99
41) Methacrylonitrile	7.49	41	39826	48.464	ug/l	92
42) 1,2-Dichloroethane	8.40	62	142196	46.382	ug/l	100
43) Isopropyl Acetate	8.43	43	125120	47.119	ug/l	100
44) Trichloroethene	9.10	130	166305	48.025	ug/l	98
45) 1,2-Dichloropropane	9.37	63	123115	46.543	ug/l	98
46) Dibromomethane	9.46	93	68093	45.851	ug/l	99
47) Bromodichloromethane	9.65	83	168558	46.774	ug/l	99
48) Methyl methacrylate	9.44	41	65761	52.584	ug/l	93
49) 1,4-Dioxane	9.49	88	22764	1023.857	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	328429	240.739	ug/l	99
52) Toluene	10.39	92	400038	50.520	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	170616	48.826	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	201522	48.641	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	101671	46.472	ug/l	97
56) Ethyl methacrylate	10.65	69	125081	51.774	ug/l	100
57) 1,3-Dichloropropane	10.94	76	163352	46.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	277886	230.965	ug/l	99
59) 2-Hexanone	10.98	43	240297	259.903	ug/l	100
60) Dibromochloromethane	11.13	129	125206	47.610	ug/l	99
61) 1,2-Dibromoethane	11.24	107	98731	46.906	ug/l	99
64) Tetrachloroethene	10.87	164	162891	49.551	ug/l	98
65) Chlorobenzene	11.66	112	453699	49.513	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	140597	47.897	ug/l	99
67) Ethyl Benzene	11.74	91	797866	51.759	ug/l	99
68) m/p-Xylenes	11.85	106	652072	103.708	ug/l	100
69) o-Xylene	12.17	106	299742	51.782	ug/l	99
70) Styrene	12.19	104	489899	52.068	ug/l	100
71) Bromoform	12.35	173	79190	48.702	ug/l	99
73) Isopropylbenzene	12.47	105	835805	52.598	ug/l	100
74) N-amyl acetate	12.28	43	133341	51.482	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	114345	48.300	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	89573m	49.734	ug/l	
77) Bromobenzene	12.75	156	205332	49.974	ug/l	100
78) n-propylbenzene	12.81	91	992649	52.574	ug/l	100
79) 2-Chlorotoluene	12.90	91	547467	51.471	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	717840	52.138	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	34801	51.375	ug/l	98
82) 4-Chlorotoluene	12.99	91	582477	51.239	ug/l	100
83) tert-Butylbenzene	13.21	119	631548	53.086	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	731419	51.851	ug/l	100
85) sec-Butylbenzene	13.39	105	901814	52.965	ug/l	100
86) p-Isopropyltoluene	13.51	119	830701	53.487	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	422064	50.562	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	416954	50.152	ug/l	99
89) n-Butylbenzene	13.83	91	754700	52.650	ug/l	99
90) Hexachloroethane	14.10	117	124027	50.903	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	365593	50.065	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19175	50.161	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
Data File : VW006789.D
Acq On : 09 Nov 2018 16:25
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

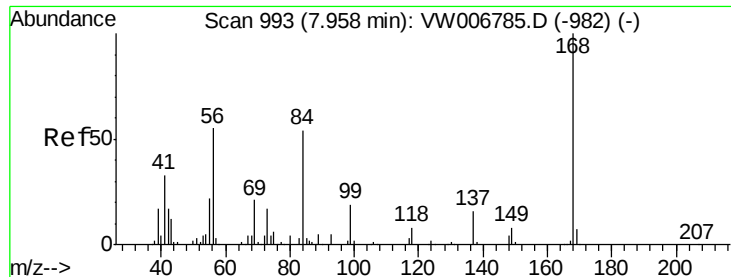
Manual Integrations
APPROVED

apatel
11/12/2018 3:41:04 PM

Quant Time: Nov 12 04:56:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	274083	50.701	ug/l	100
94) Hexachlorobutadiene	15.24	225	167861	49.340	ug/l	99
95) Naphthalene	15.38	128	436540	52.776	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	233781	49.994	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

Tot Ion:168 Resp: 343106

Ion Ratio Lower Upper

168 100

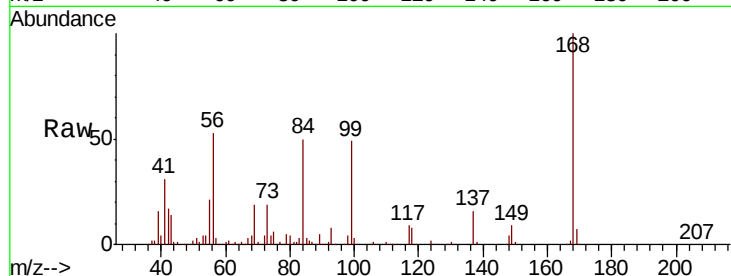
99 49.0 36.8 55.2

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:04 PM



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

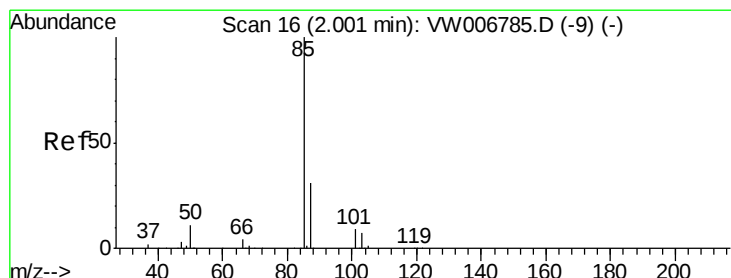
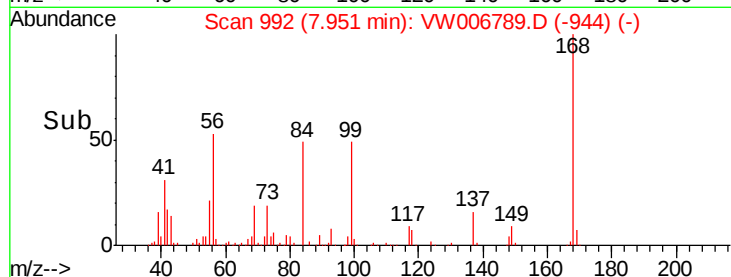
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.956 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006789.D

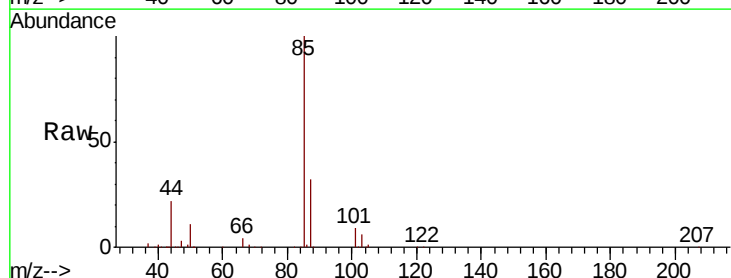
Acq: 09 Nov 2018 16:25

Tgt Ion: 85 Resp: 130991

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

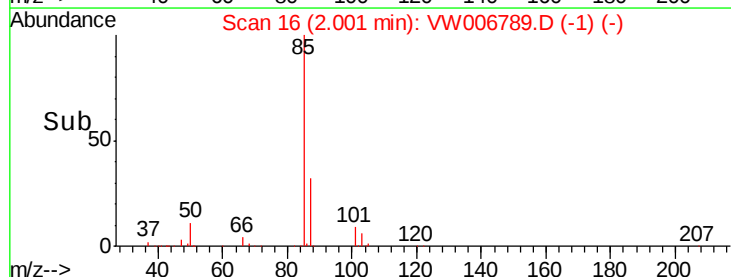
40000

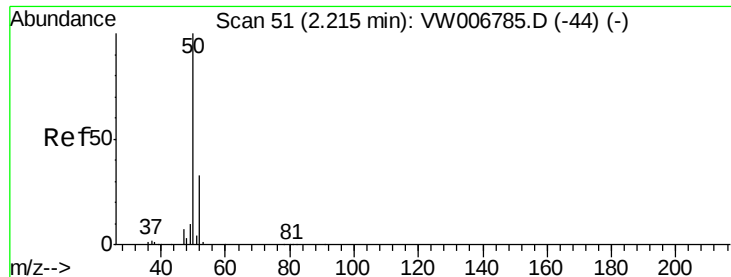
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 45.963 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

Tot Ion: 50 Resp: 153929

Ion Ratio Lower Upper

50 100

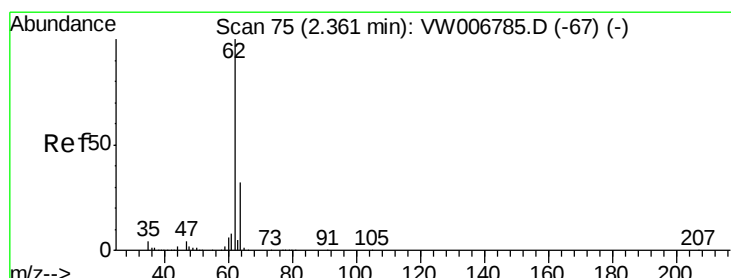
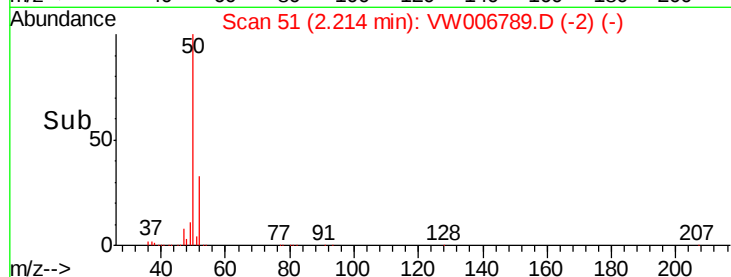
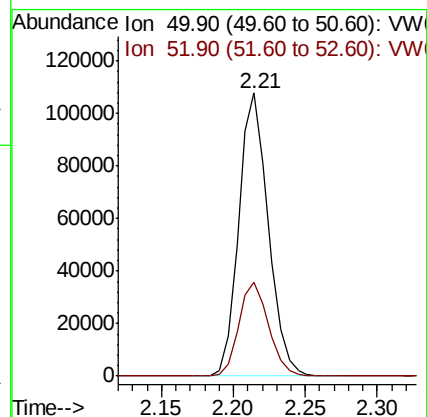
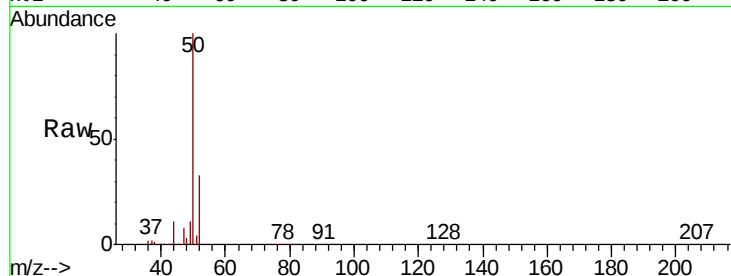
52 33.3 26.2 39.4

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:04 PM



#4

Vinyl Chloride

Concen: 47.575 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006789.D

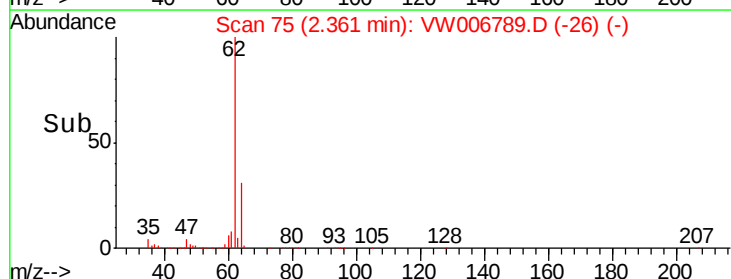
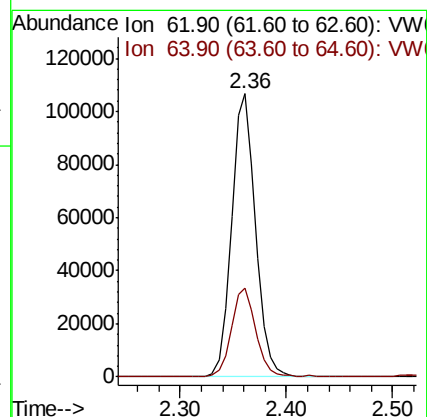
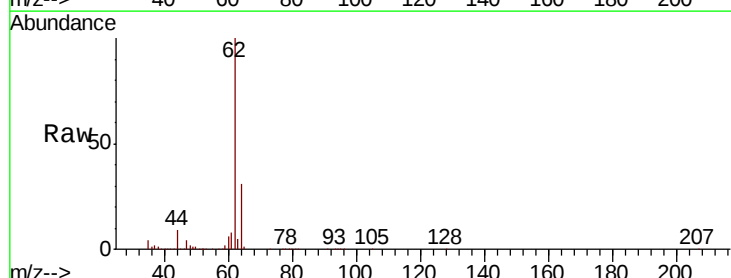
Acq: 09 Nov 2018 16:25

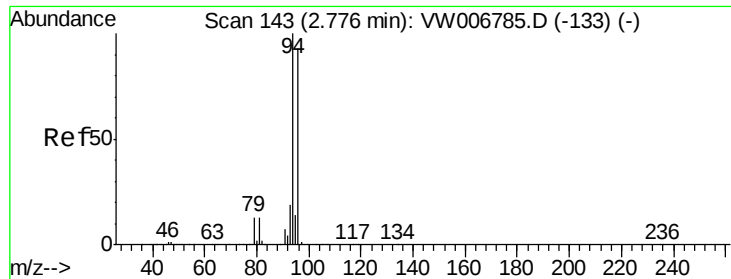
Tgt Ion: 62 Resp: 167503

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.6





#5

Bromomethane

Concen: 49.059 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW110918

Tot Ion: 94 Resp: 119518

Ion Ratio Lower Upper

94 100

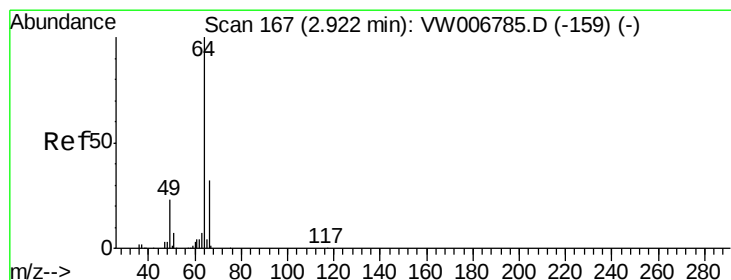
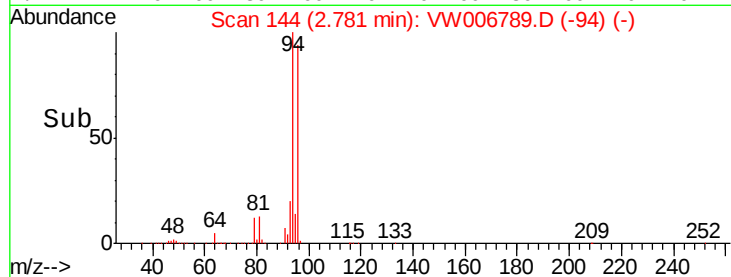
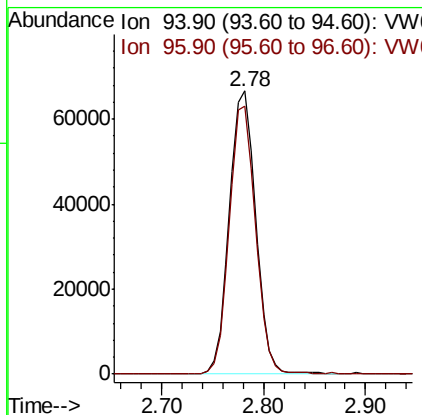
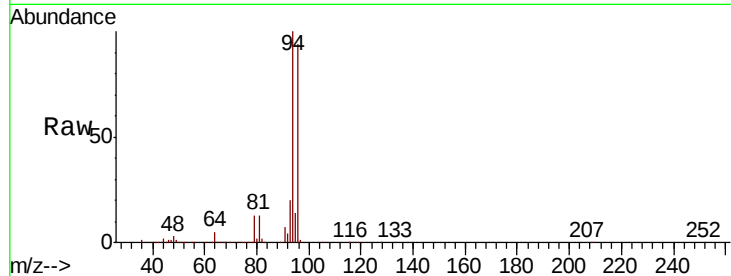
96 94.5 74.5 111.7

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:04 PM



#6

Chloroethane

Concen: 46.776 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006789.D

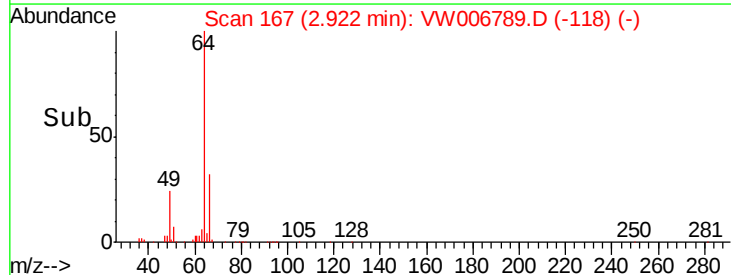
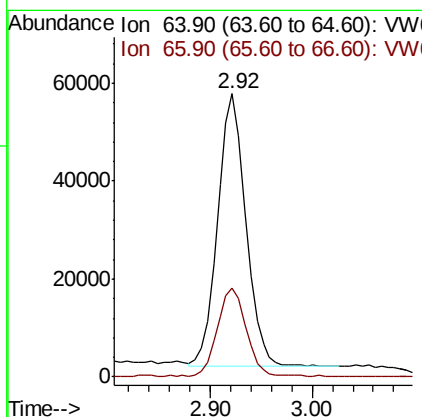
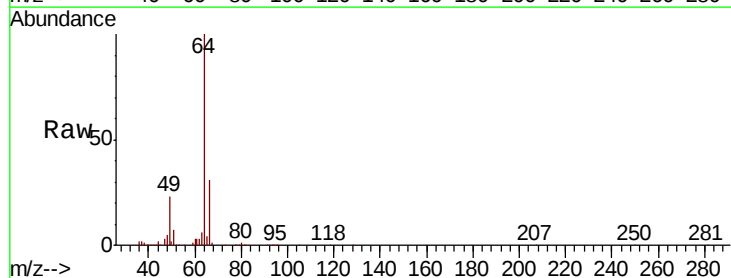
Acq: 09 Nov 2018 16:25

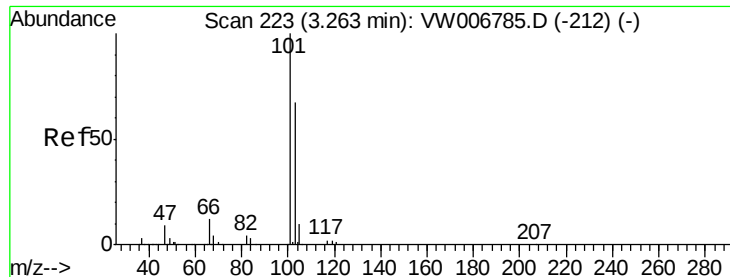
Tgt Ion: 64 Resp: 107779

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.2





#7

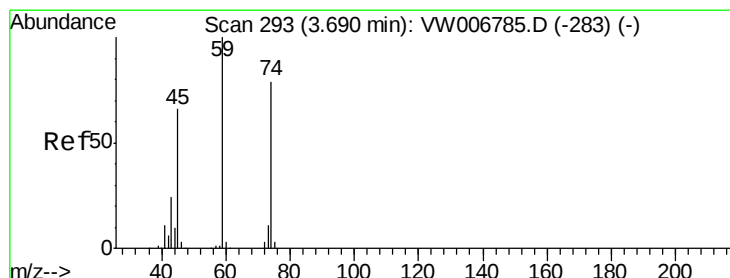
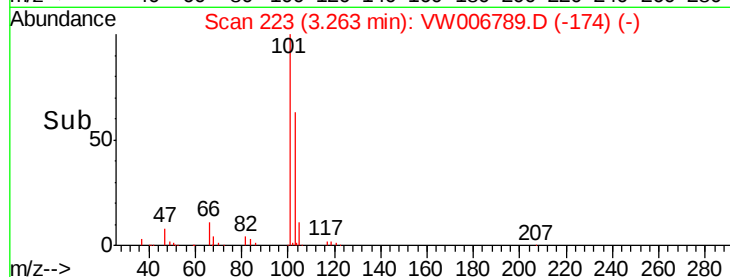
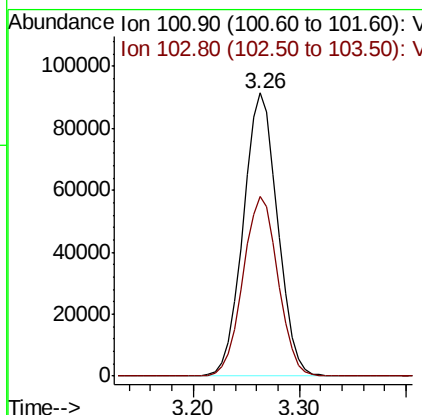
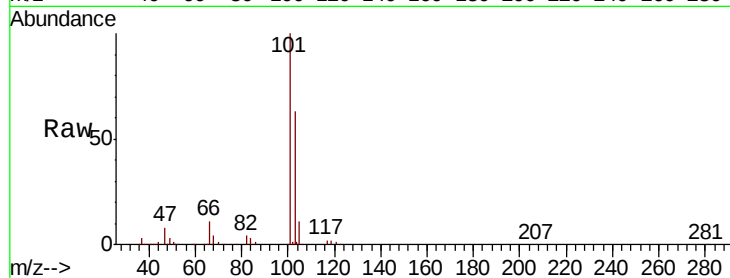
Trichlorofluoromethane
 Concen: 46.804 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	53.4	80.0

Manual Integrations
 APPROVED

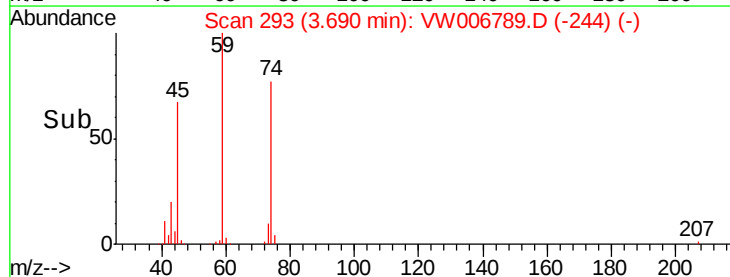
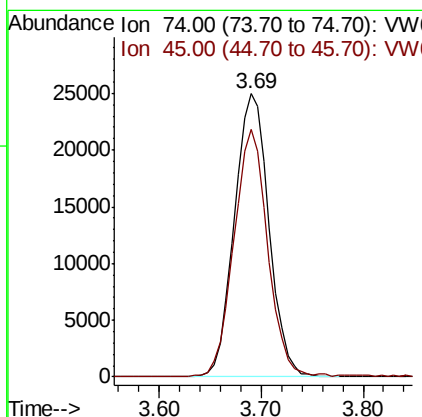
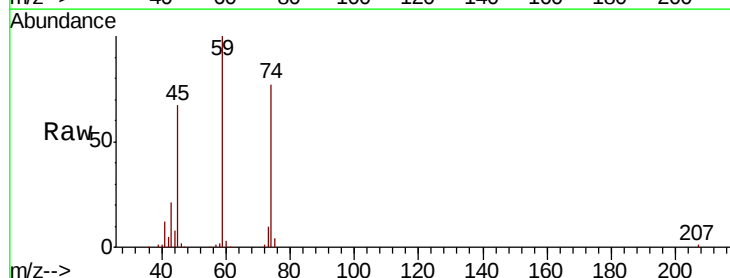
apatel
 11/12/2018 3:41:04 PM

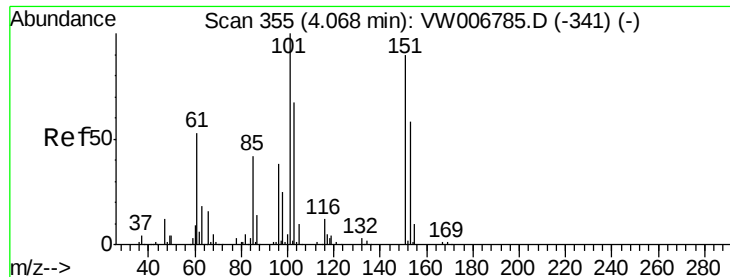


#8

Diethyl Ether
 Concen: 45.505 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.3	44.0	132.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.007 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

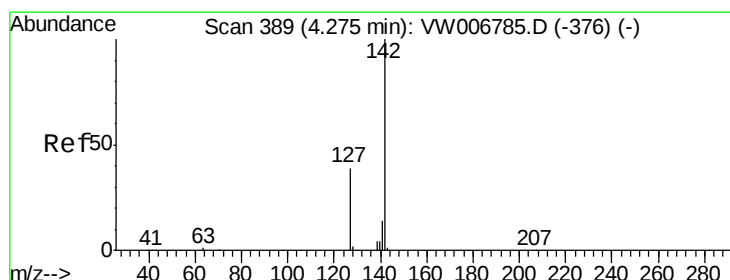
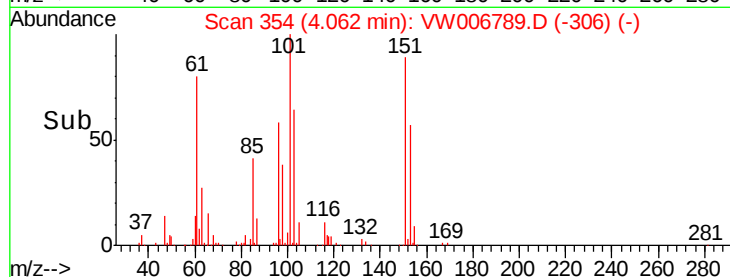
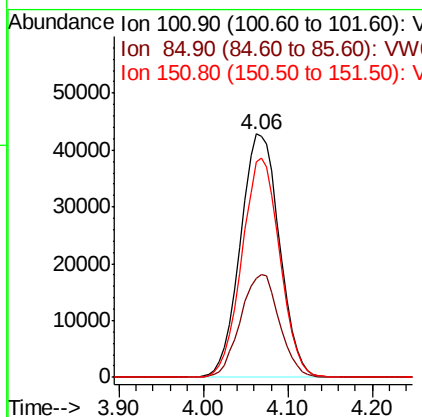
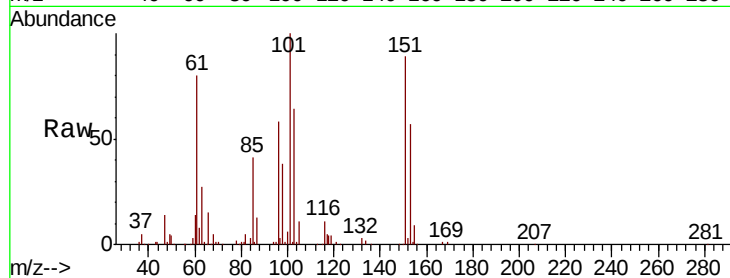
ClientSampleId :

ICVWV110918

Tot Ion:	101	Resp:	135233
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.0	51.0
151	87.6	70.7	106.1

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:04 PM



#10

Methyl Iodide

Concen: 51.854 ug/l

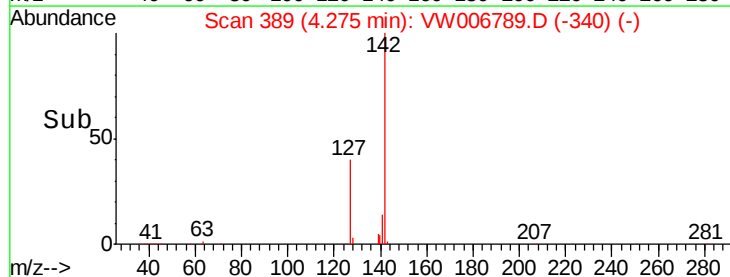
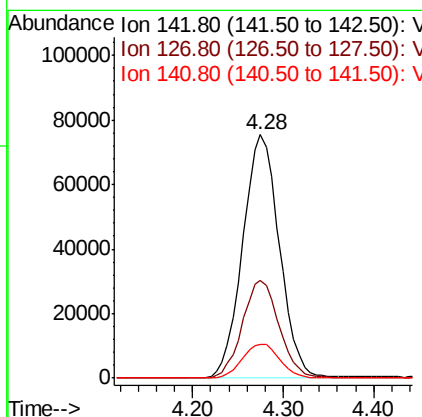
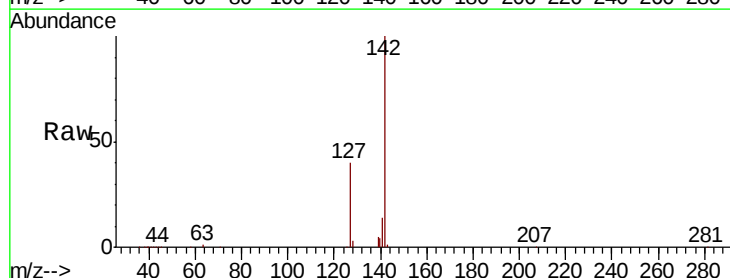
RT: 4.28 min Scan# 389

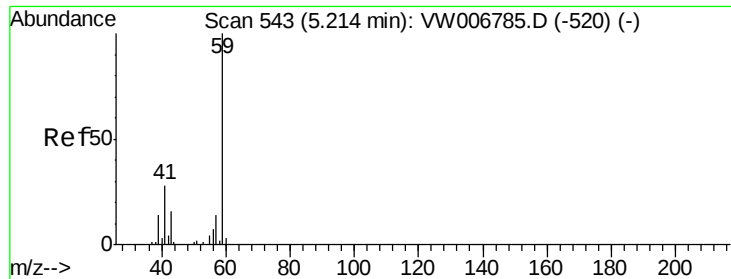
Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Tgt Ion:	142	Resp:	211754
Ion Ratio	Lower	Upper	
142	100		
127	40.2	32.3	48.5
141	14.4	11.4	17.0





#11

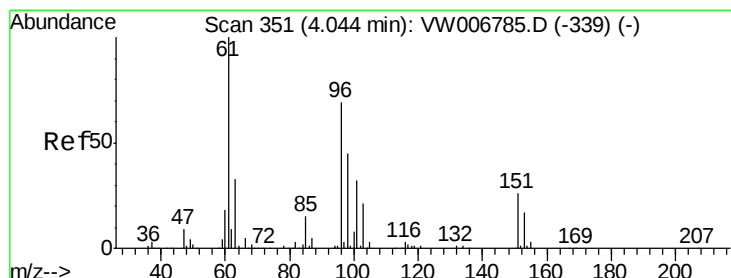
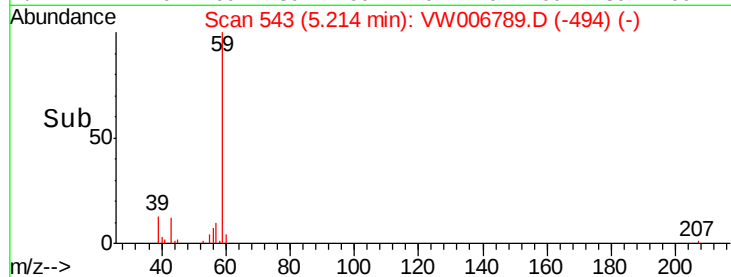
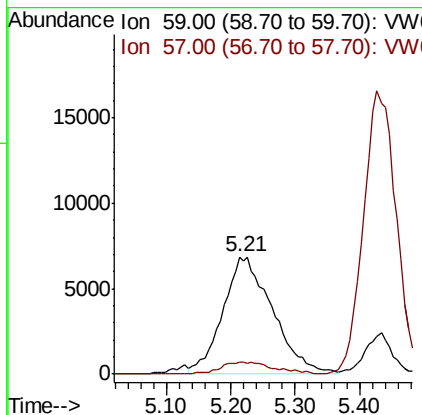
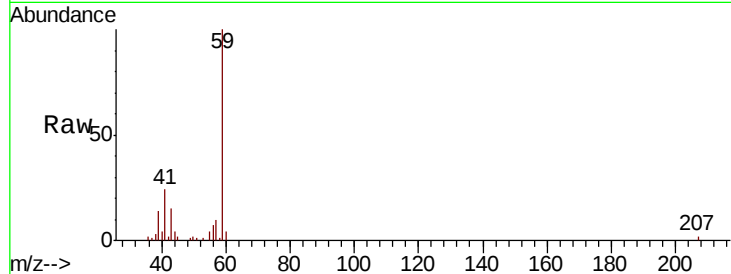
Tert butyl alcohol
Concen: 223.011 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

Tot Ion	59	57	Ratio	100	11.1	Resp	36909	Lower	8.7	Upper	13.1
Ion	59	57	Ratio	100	11.1	Resp	36909	Lower	8.7	Upper	13.1

Manual Integrations
APPROVED

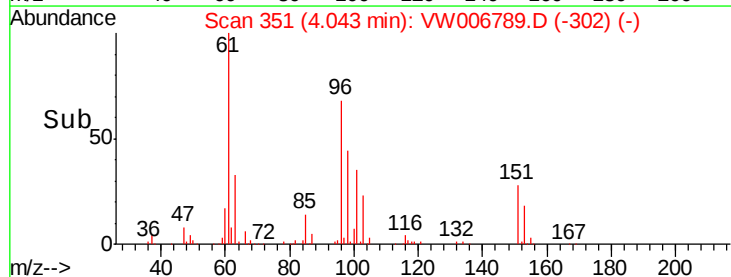
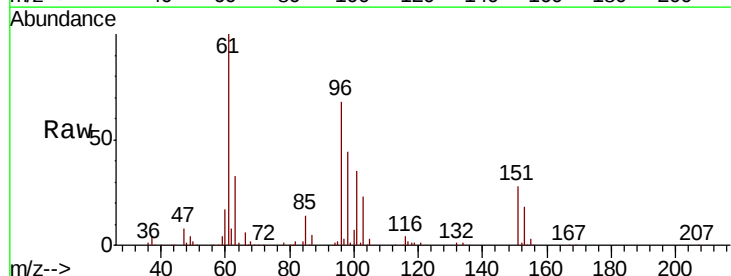
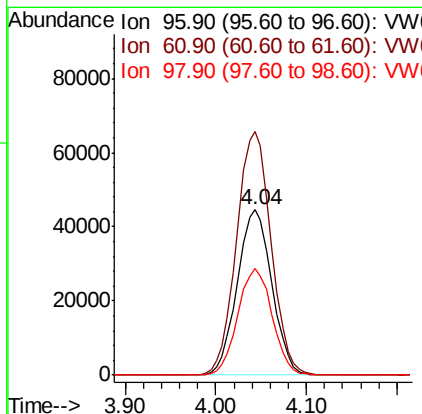
apatel
11/12/2018 3:41:04 PM

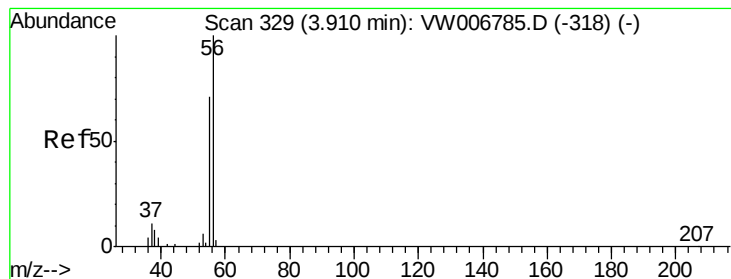


#12

1,1-Dichloroethene
Concen: 48.063 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	96	61	98	Ratio	100	147.5	64.3	Resp	117804	Lower	116.0	52.0	Upper	174.0	78.0
Ion	96	61	98	Ratio	100	147.5	64.3	Resp	117804	Lower	116.0	52.0	Upper	174.0	78.0





#13

Acrolein

Concen: 217.029 ug/l

RT: 3.91 min Scan# 329

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

Tot Ion: 56 Resp: 37409

Ion Ratio Lower Upper

56 100

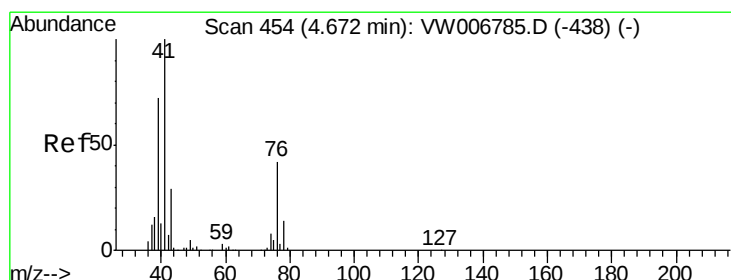
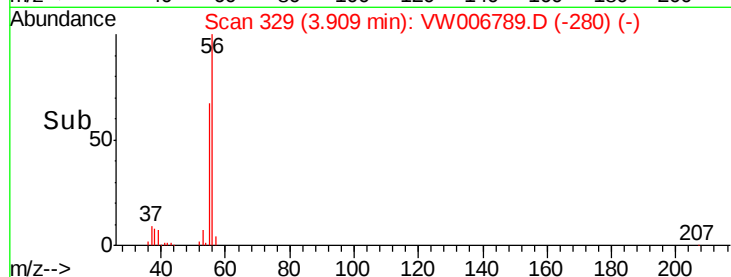
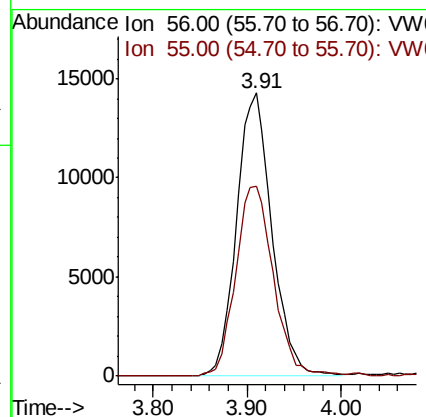
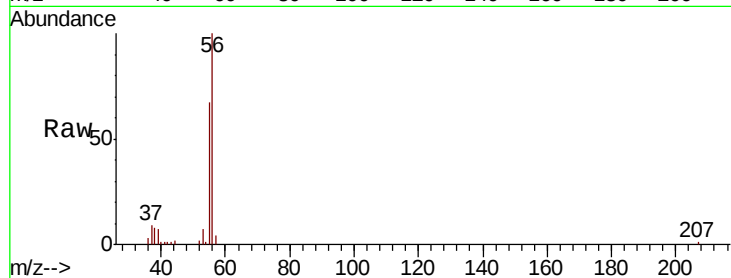
55 71.4 56.9 85.3

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:04 PM



#14

Allyl chloride

Concen: 47.475 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

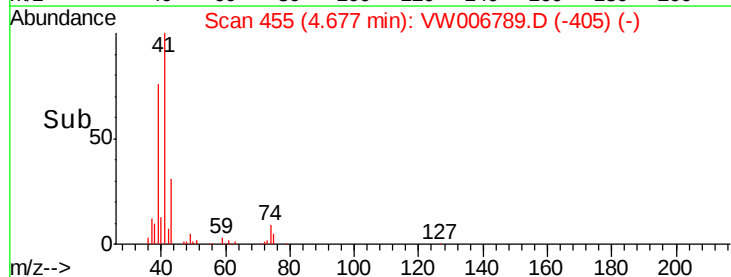
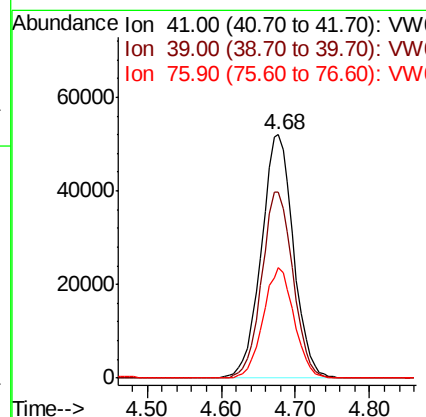
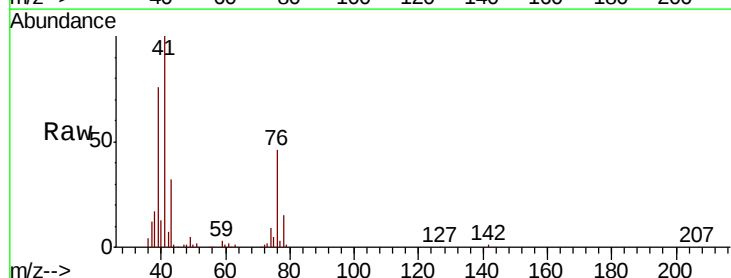
Tgt Ion: 41 Resp: 156863

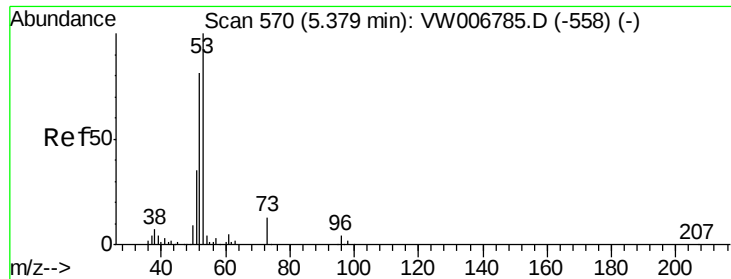
Ion Ratio Lower Upper

41 100

39 74.6 60.0 90.0

76 43.5 34.2 51.4





#15

Acrylonitrile

Concen: 233.084 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

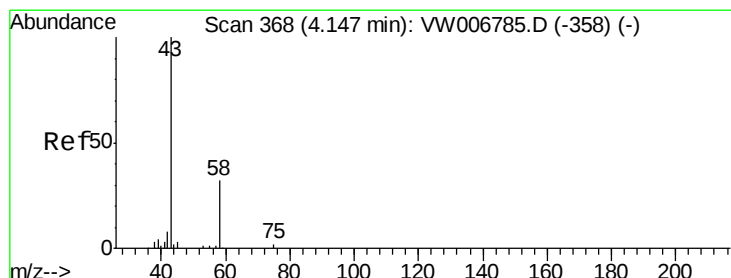
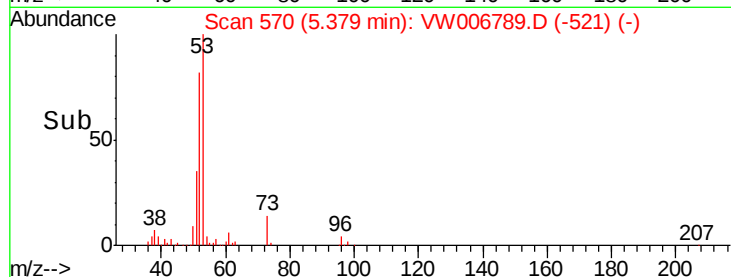
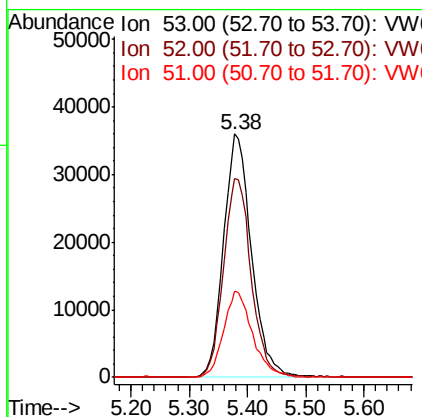
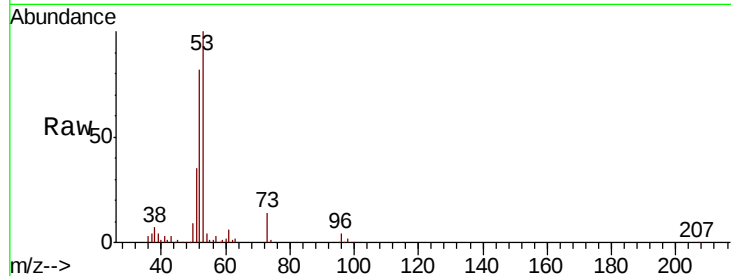
ClientSampleId :

ICVWV110918

Tot Ion:	53	Resp:	120068
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.2	97.8
51	36.6	30.2	45.4

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:04 PM



#16

Acetone

Concen: 214.485 ug/l

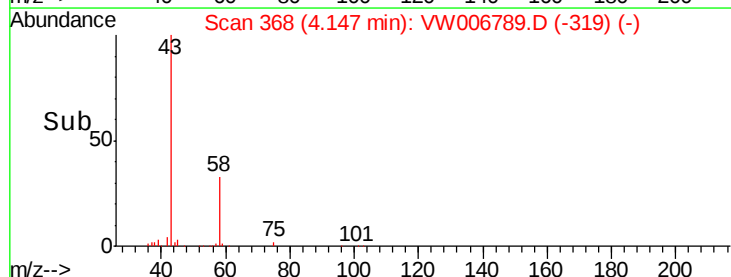
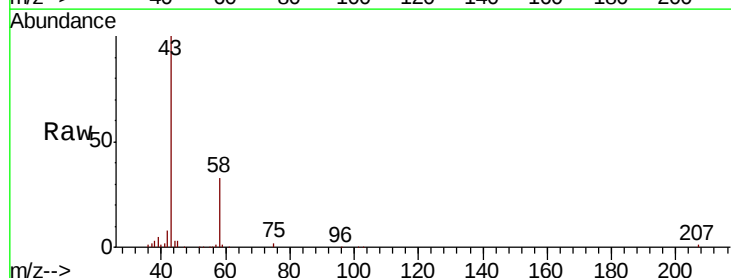
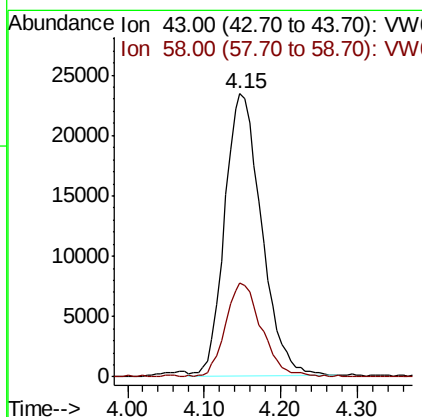
RT: 4.15 min Scan# 368

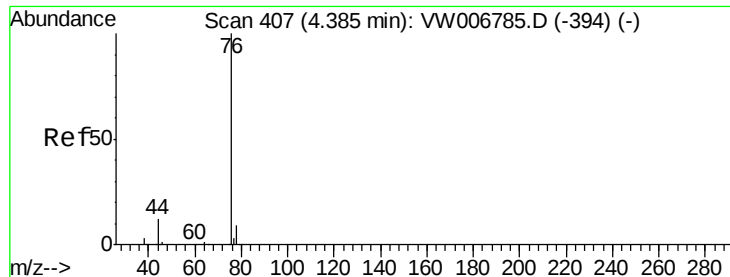
Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Tgt Ion:	43	Resp:	78071
Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.4	38.0





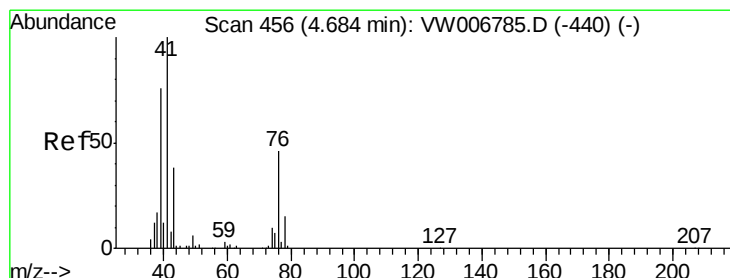
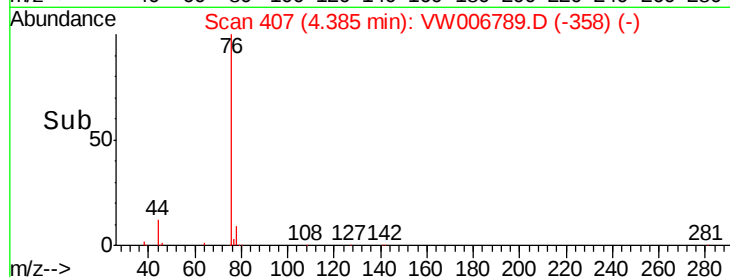
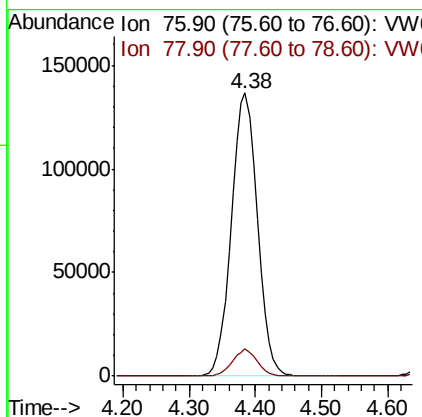
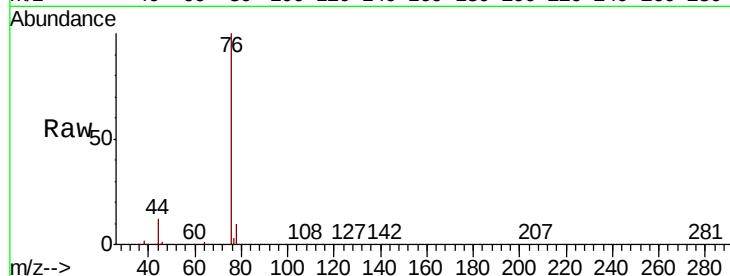
#17
Carbon Disulfide
Concen: 46.156 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0

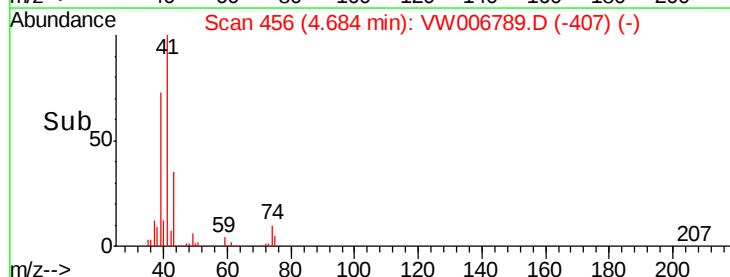
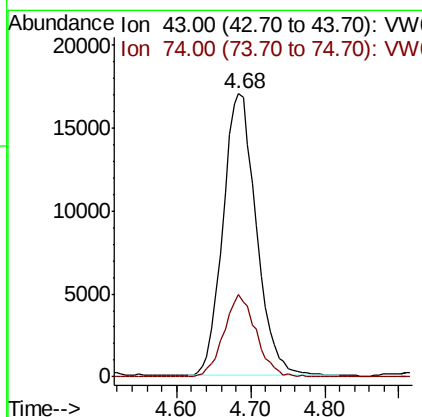
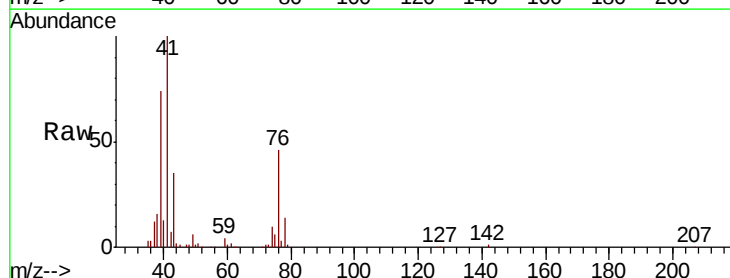
Manual Integrations
APPROVED

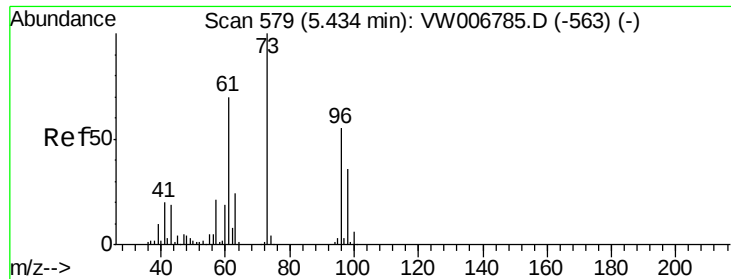
apatel
11/12/2018 3:41:04 PM



#18
Methyl Acetate
Concen: 41.608 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	21.8	32.8





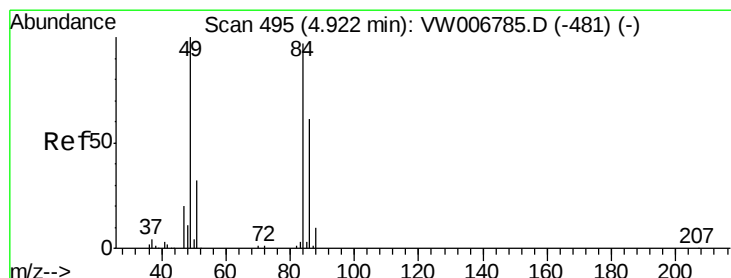
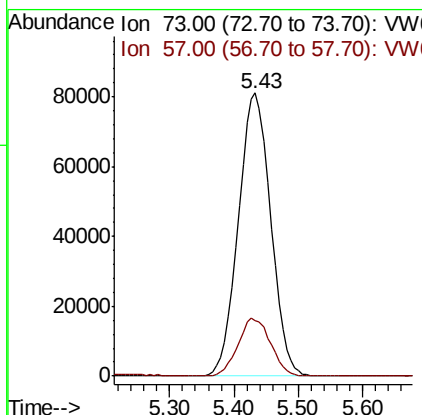
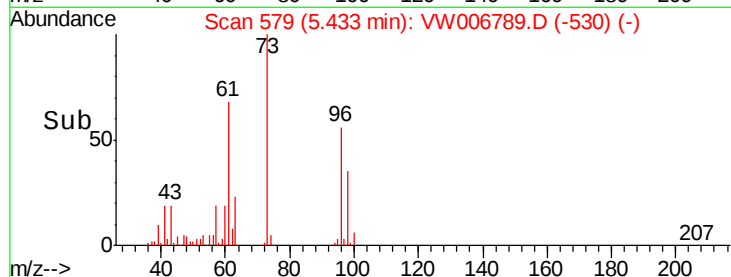
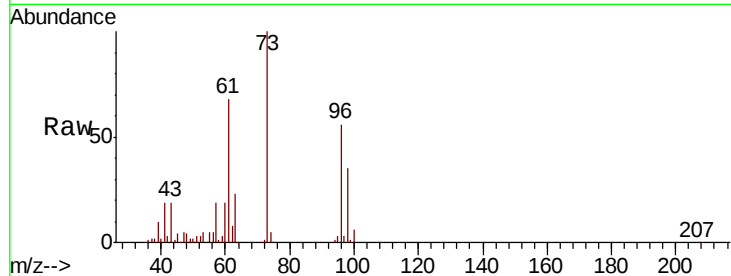
#19
Methyl tert-butyl Ether
Concen: 46.835 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVW110918

Tot Ion: 73 Resp: 281163
Ion Ratio Lower Upper
73 100
57 19.5 17.0 25.6

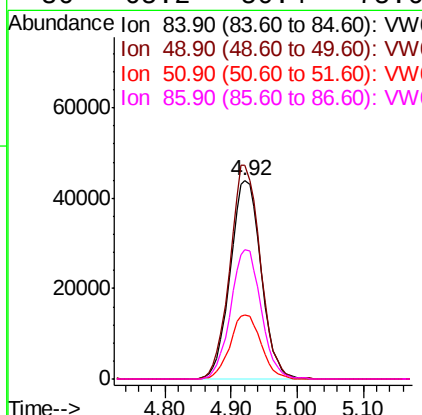
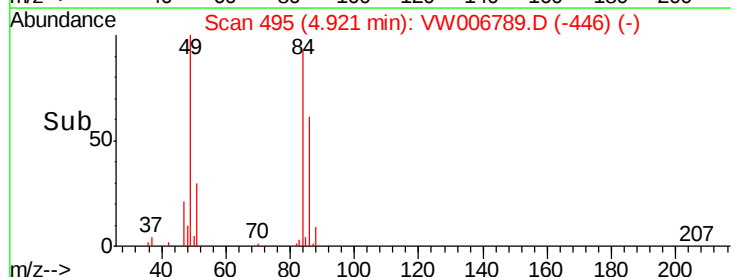
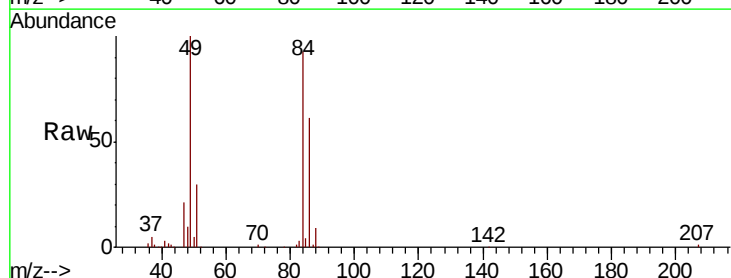
Manual Integrations
APPROVED

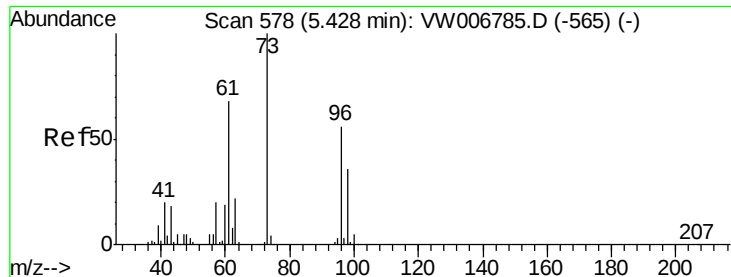
apatel
11/12/2018 3:41:04 PM



#20
Methylene Chloride
Concen: 47.404 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion: 84 Resp: 142074
Ion Ratio Lower Upper
84 100
49 107.7 82.4 123.6
51 32.1 26.7 40.1
86 65.2 50.4 75.6





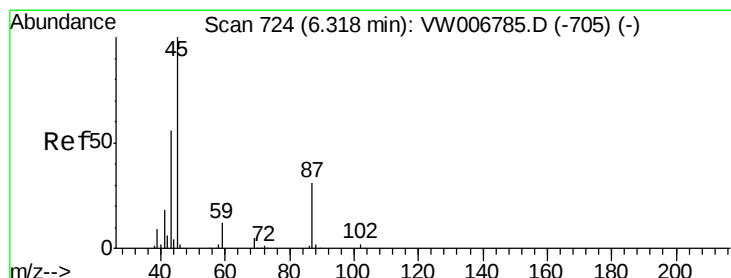
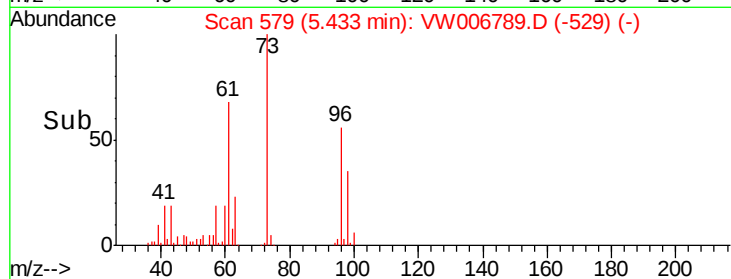
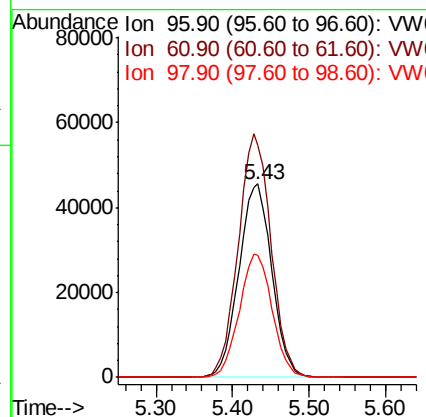
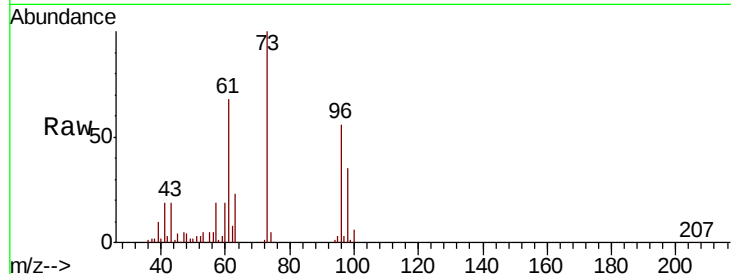
#21
trans-1,2-Dichloroethene
Concen: 46.437 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVW110918

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.2	97.6	146.4
98	62.9	51.6	77.4

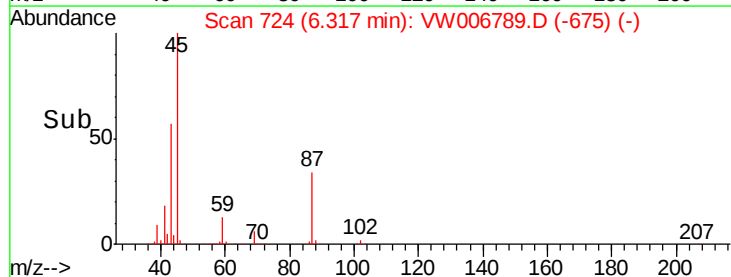
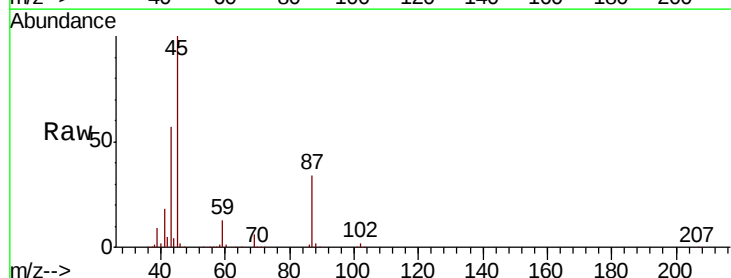
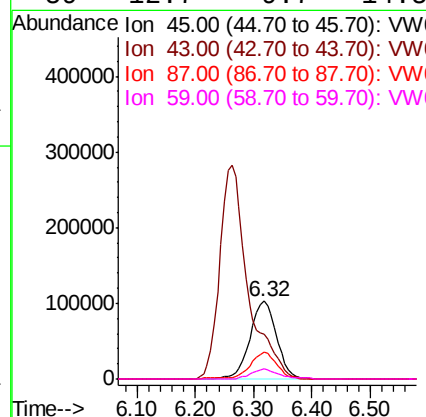
Manual Integrations
APPROVED

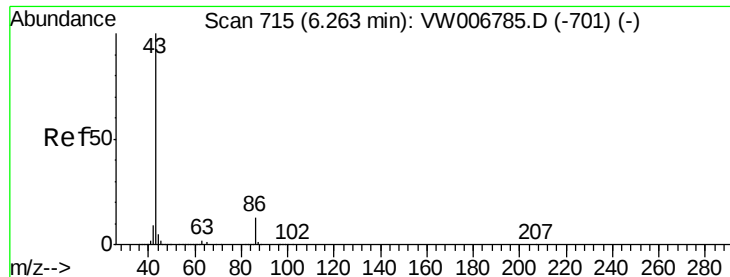
apatel
11/12/2018 3:41:04 PM



#22
Diisopropyl ether
Concen: 46.728 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.8	44.6	66.8
87	34.1	25.5	38.3
59	12.7	9.7	14.5





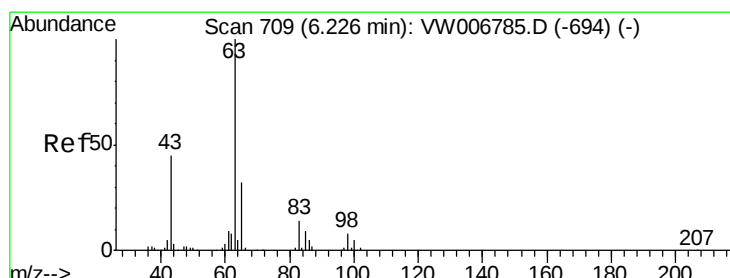
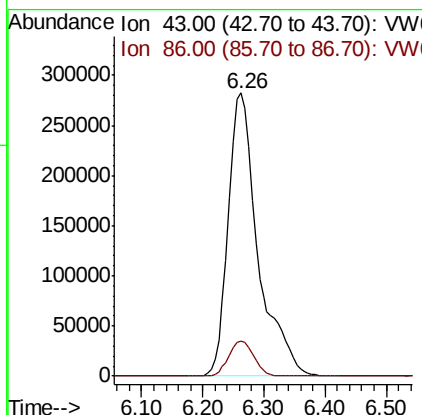
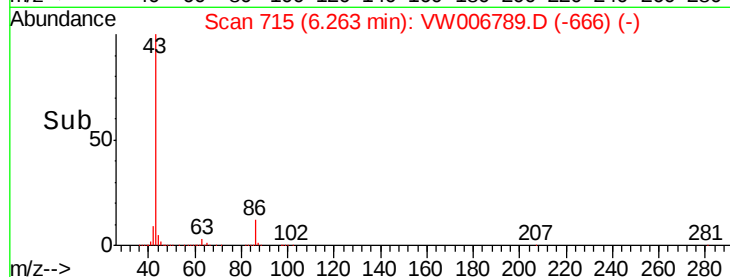
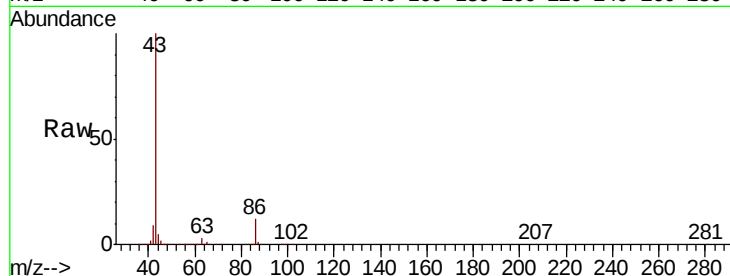
#23
 Vinyl Acetate
 Concen: 239.070 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.4	10.0	15.0

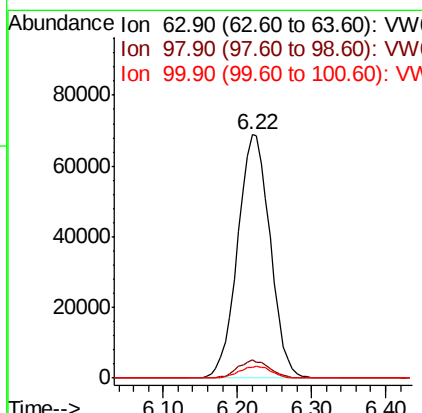
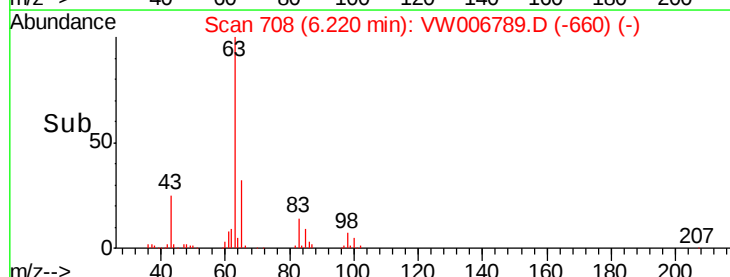
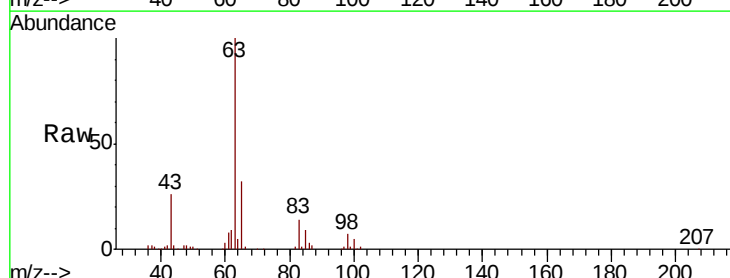
Manual Integrations
 APPROVED

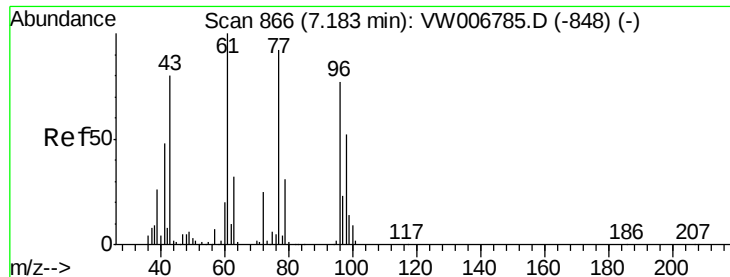
apatel
 11/12/2018 3:41:04 PM



#24
 1,1-Dichloroethane
 Concen: 46.220 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.3	4.0	12.2
100	4.6	2.3	6.9





#25

2-Butanone

Concen: 225.223 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW110918

Tot Ion: 43 Resp: 135357

Ion Ratio Lower Upper

43 100

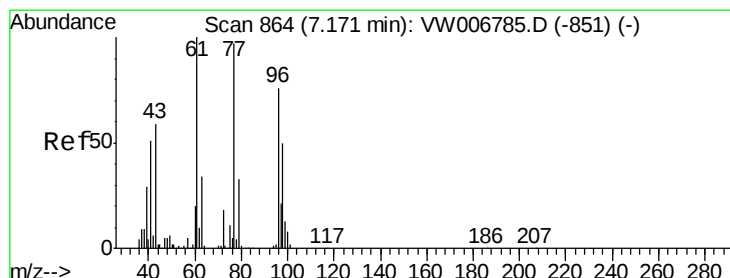
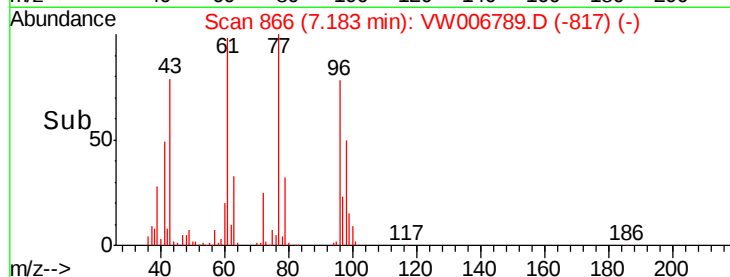
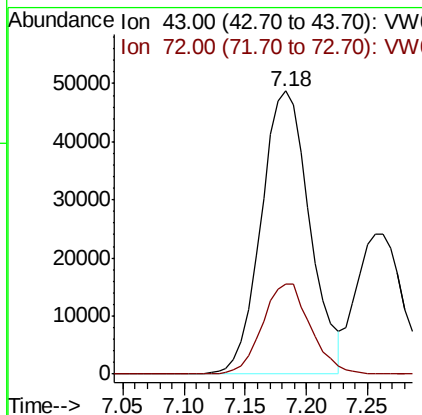
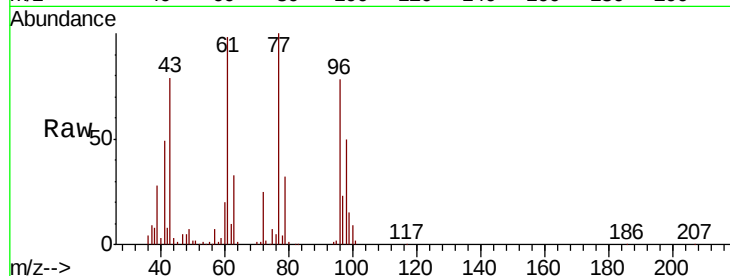
72 31.8 24.5 36.7

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:04 PM



#26

2,2-Dichloropropane

Concen: 47.602 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006789.D

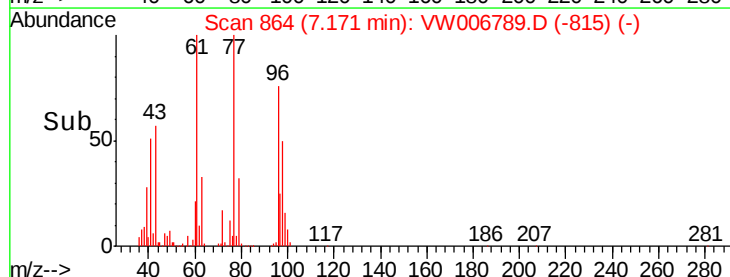
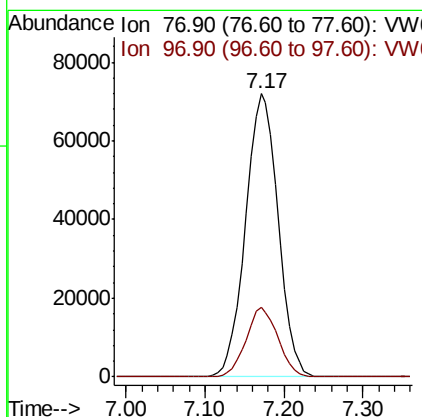
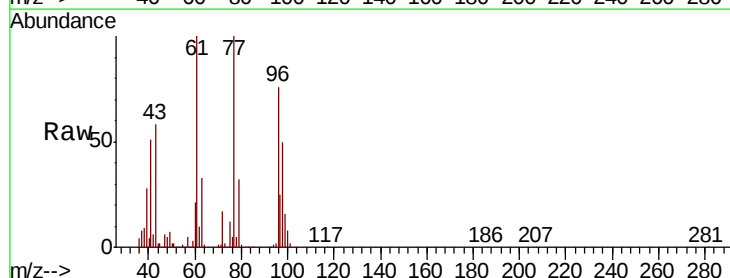
Acq: 09 Nov 2018 16:25

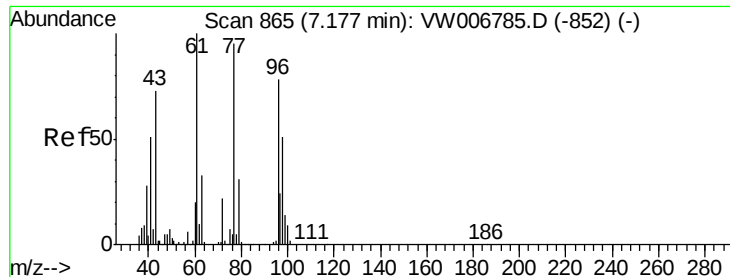
Tgt Ion: 77 Resp: 206586

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.5





#27

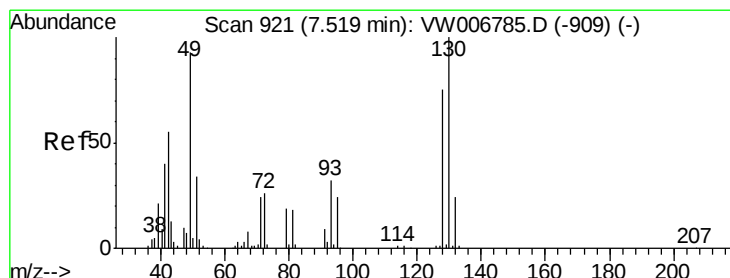
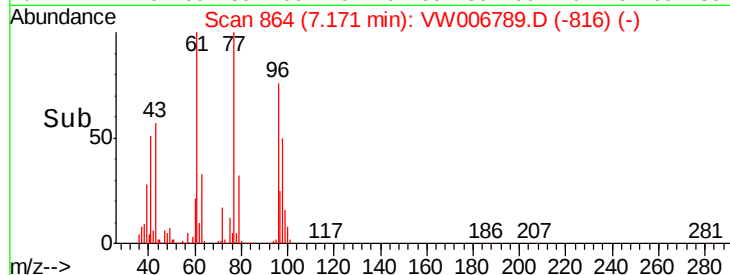
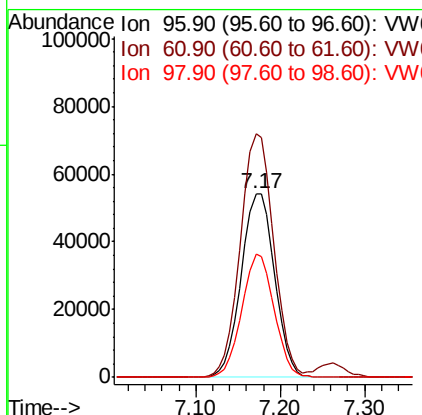
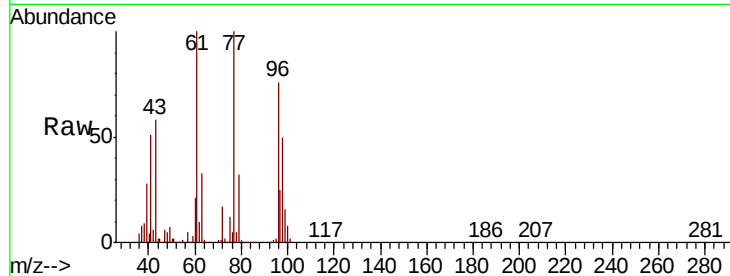
cis-1,2-Dichloroethene
 Concen: 46.381 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.2	0.0	264.4
98	64.6	0.0	130.0

Manual Integrations
 APPROVED

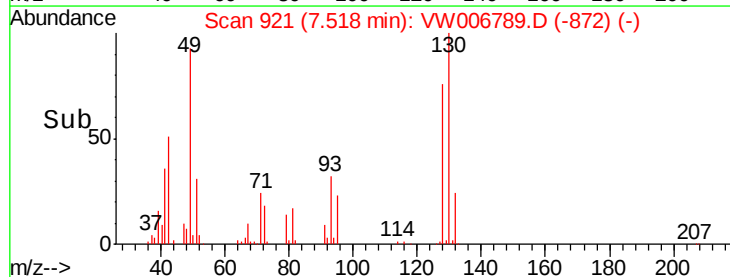
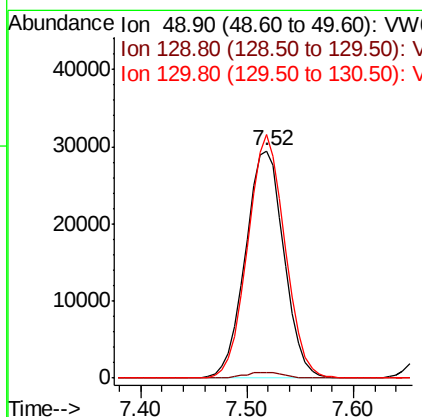
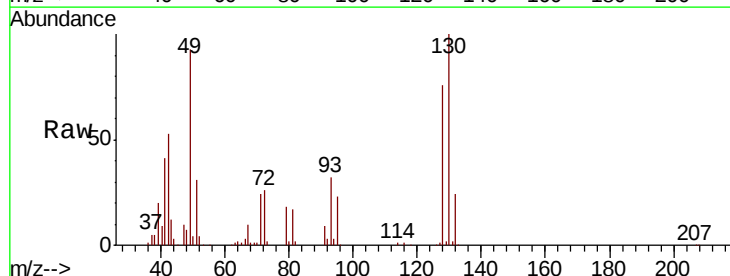
apatel
 11/12/2018 3:41:04 PM

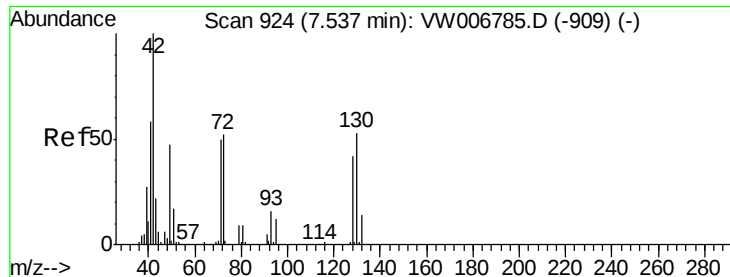


#28

Bromochloromethane
 Concen: 43.919 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	103.4	81.5	122.3





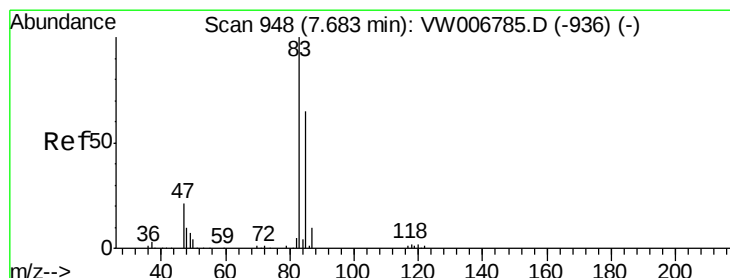
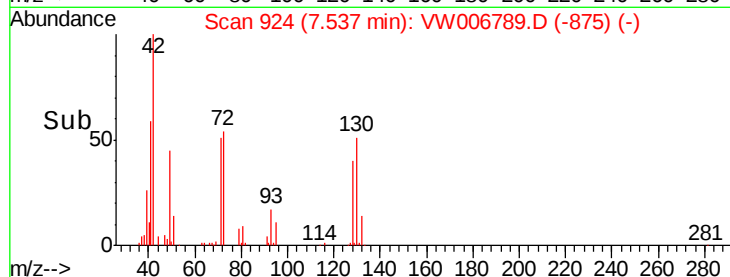
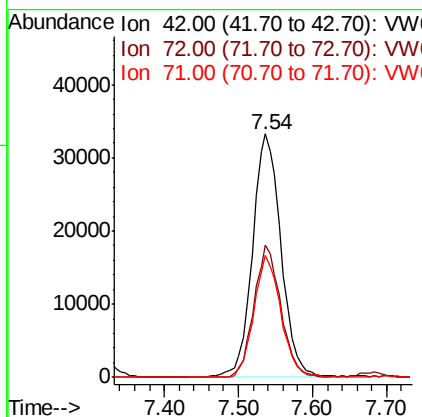
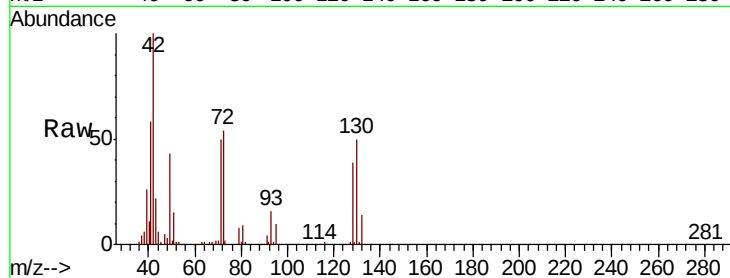
#29
Tetrahydrofuran
Concen: 226.410 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	39.8	59.8
71	47.3	37.8	56.6

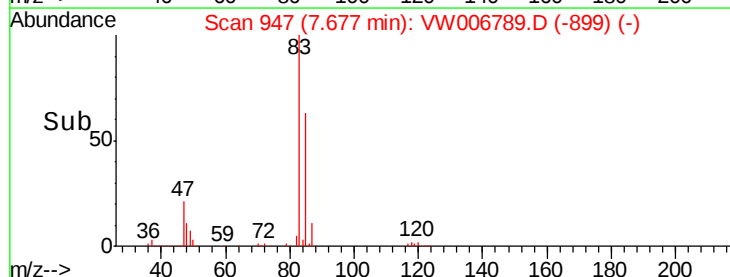
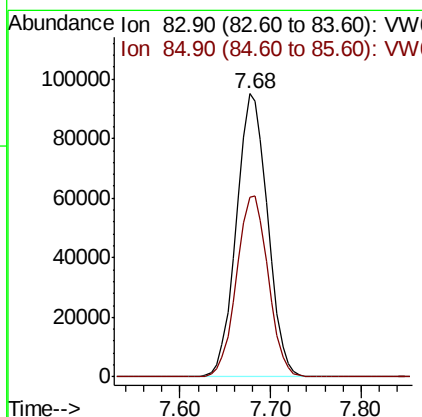
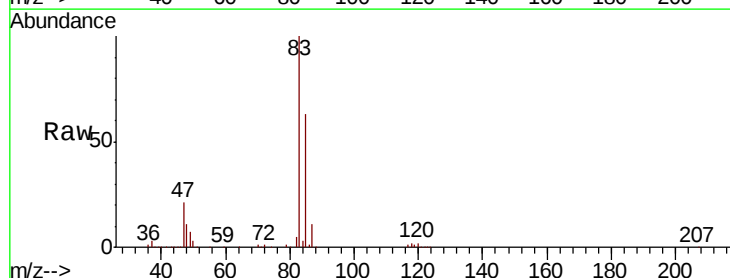
Manual Integrations
APPROVED

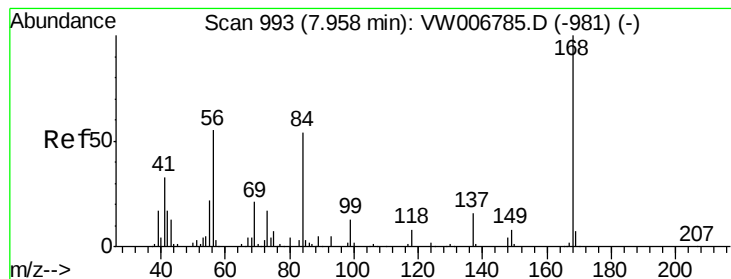
apatel
11/12/2018 3:41:04 PM



#30
Chloroform
Concen: 45.212 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.1	78.1





#31

Cyclohexane

Concen: 46.250 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

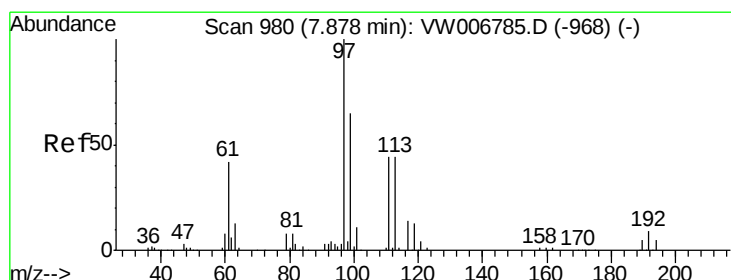
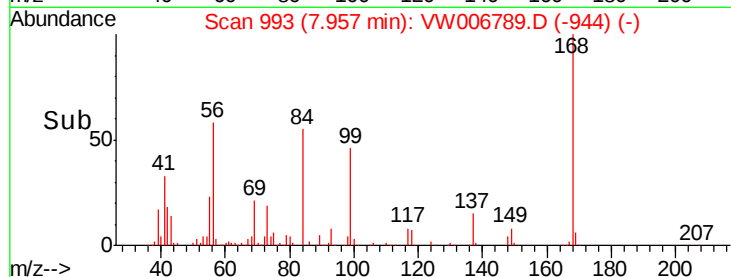
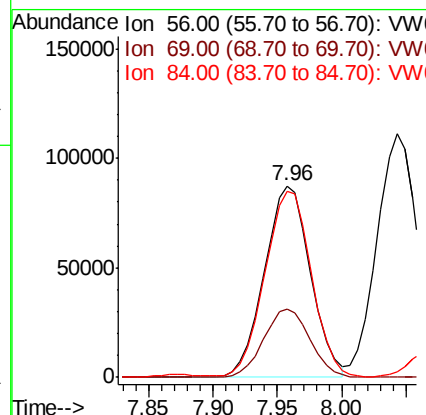
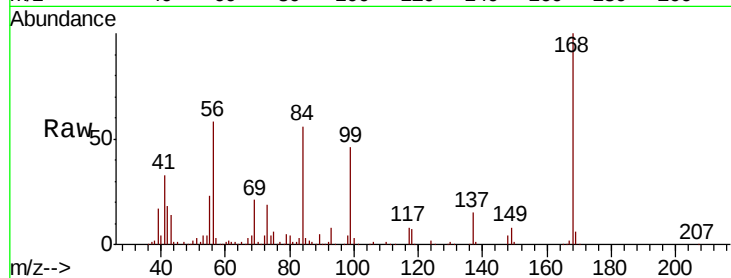
ClientSampleId :

ICVW110918

Tot Ion:	56	Resp:	216969
Ion Ratio	Lower	Upper	
56	100		
69	35.8	30.3	45.5
84	96.1	78.2	117.2

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:04 PM



#32

1,1,1-Trichloroethane

Concen: 46.752 ug/l

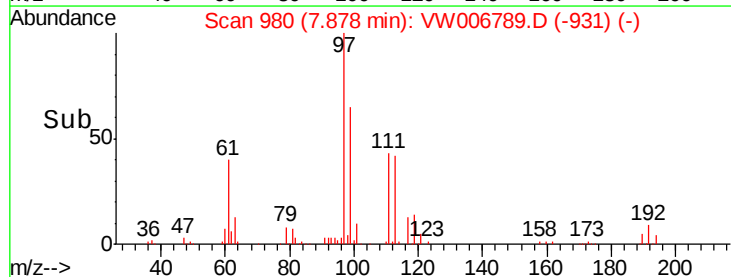
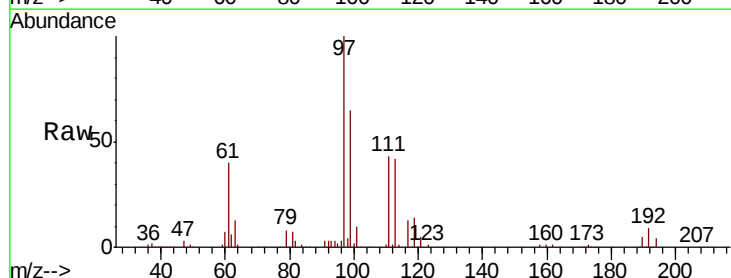
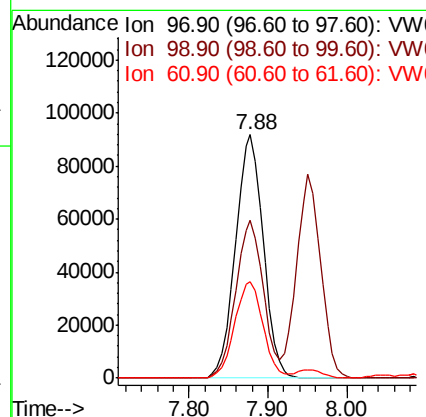
RT: 7.88 min Scan# 980

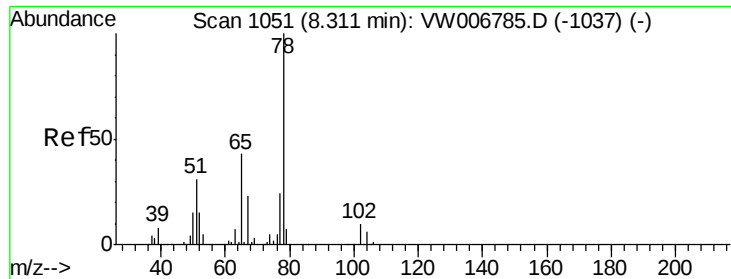
Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Tgt Ion:	97	Resp:	223945
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.4	77.2
61	40.6	32.7	49.1





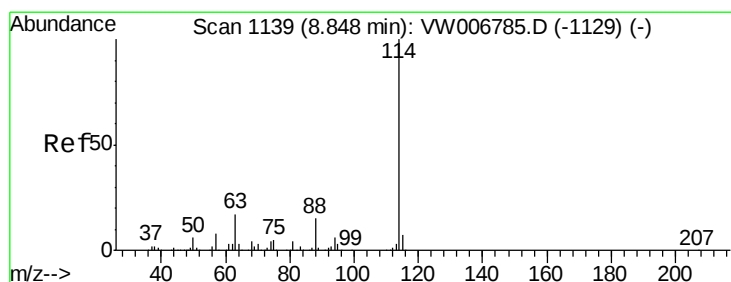
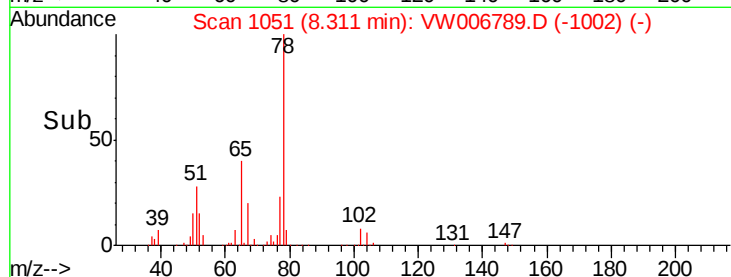
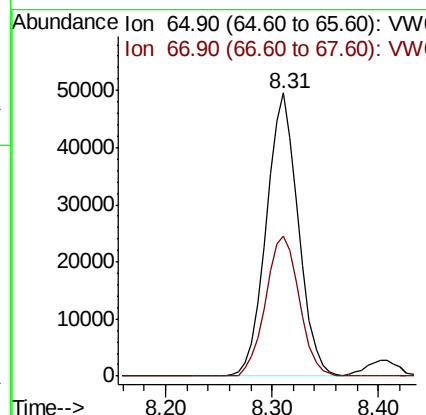
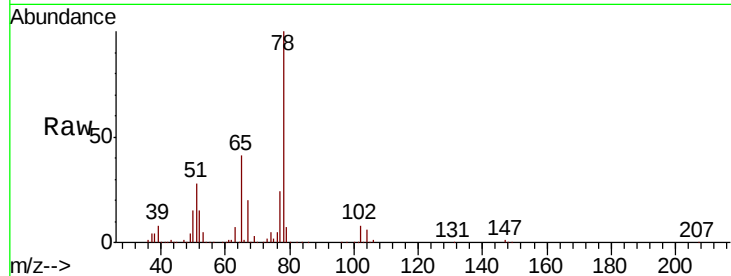
#33
 1,2-Dichloroethane-d4
 Concen: 41.317 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	103895	107.2

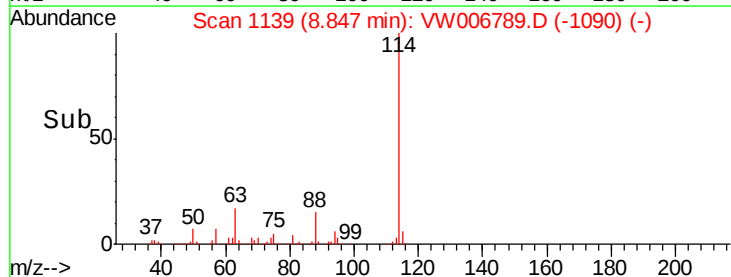
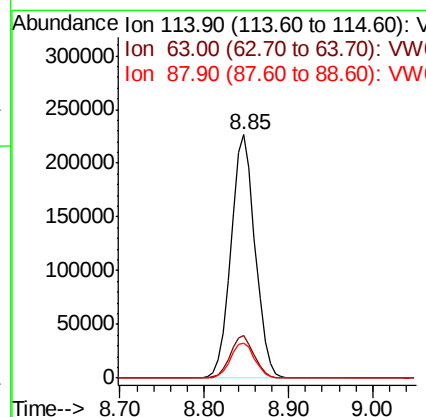
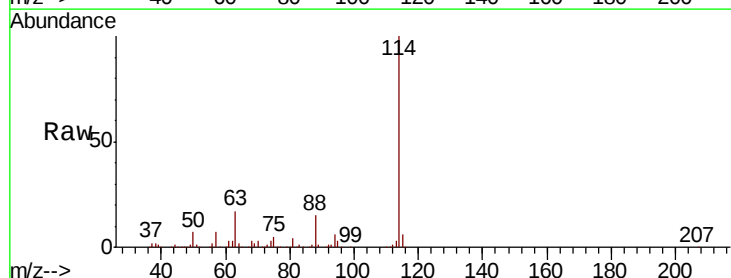
Manual Integrations
 APPROVED

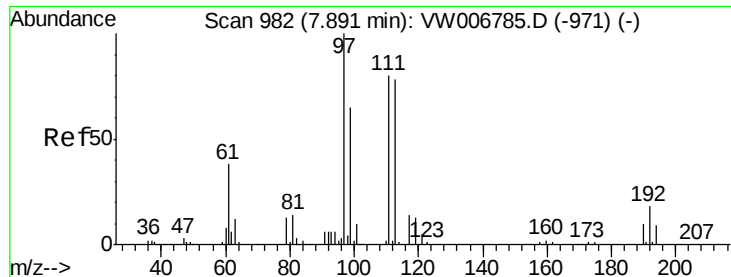
apatel
 11/12/2018 3:41:04 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.4	0.0	439552	34.0
88	14.5	0.0	29.2	





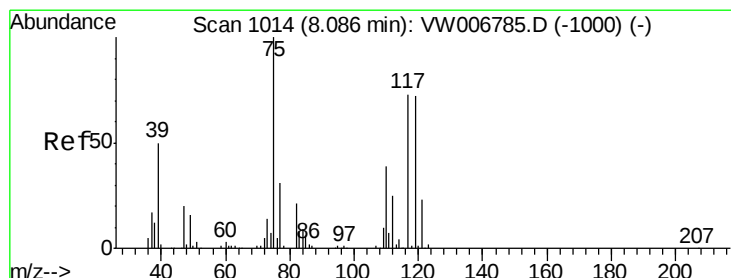
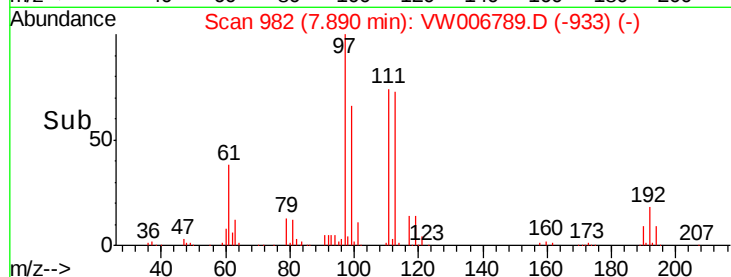
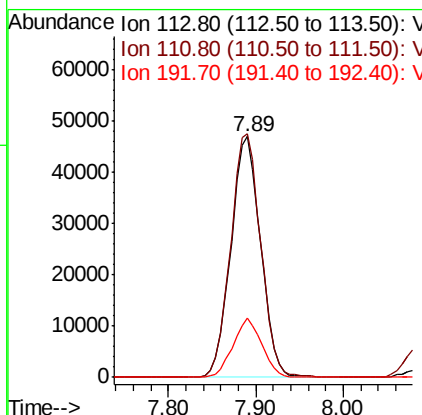
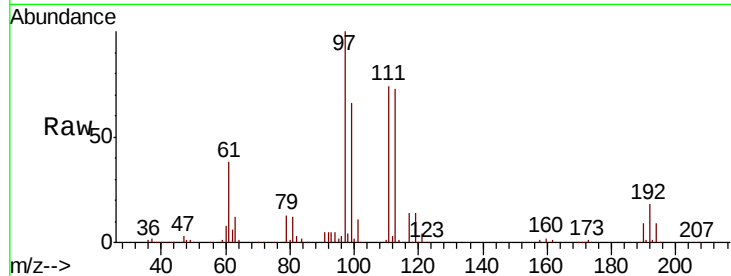
#35
 Dibromofluoromethane
 Concen: 44.370 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111006		
111	102.4	81.4	122.2	
192	23.7	19.1	28.7	

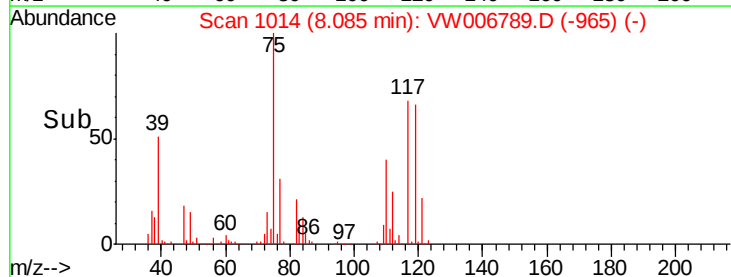
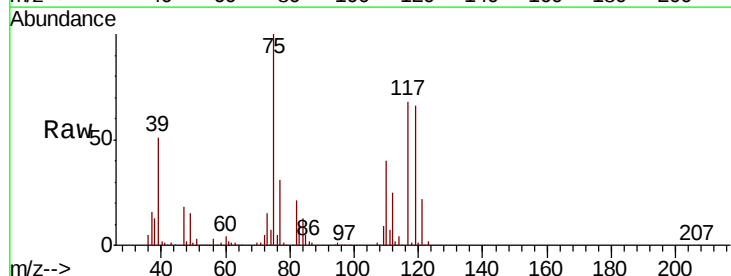
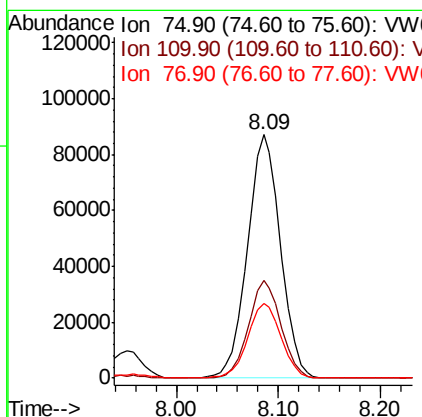
Manual Integrations
 APPROVED

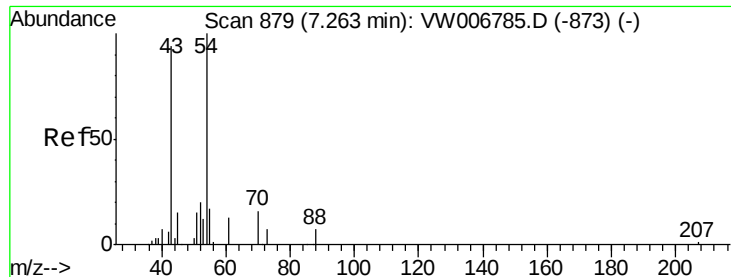
apatel
 11/12/2018 3:41:04 PM



#36
 1,1-Dichloropropene
 Concen: 49.278 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	196548		
110	39.2	19.6	58.7	
77	31.0	24.9	37.3	





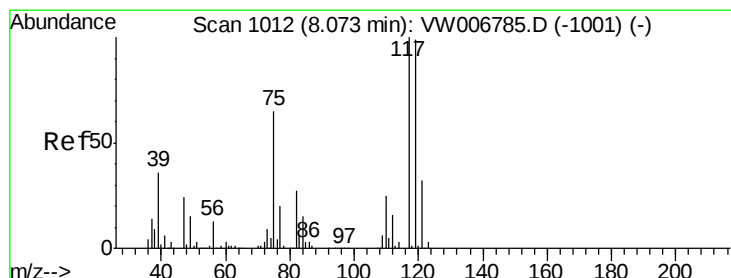
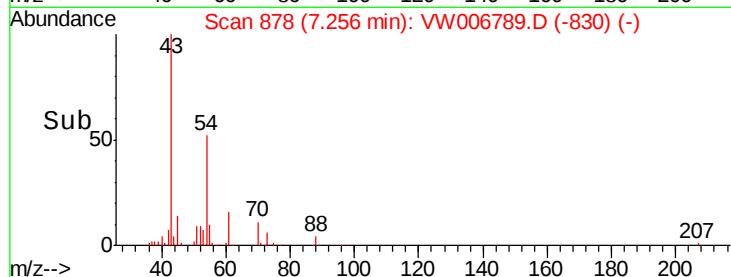
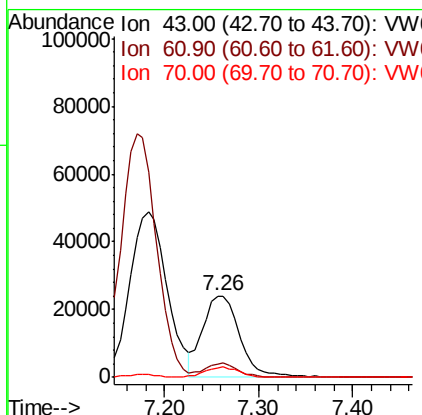
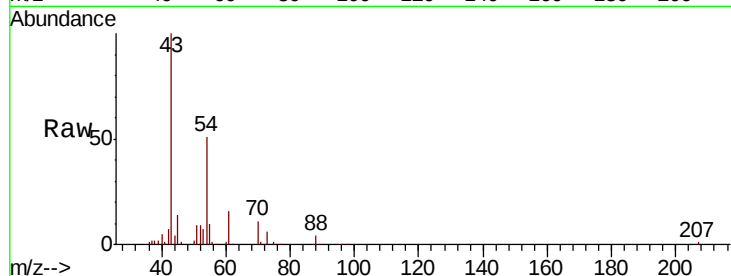
#37
Ethyl Acetate
Concen: 45.884 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVW110918

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.2	18.2
70	12.0	9.8	14.8

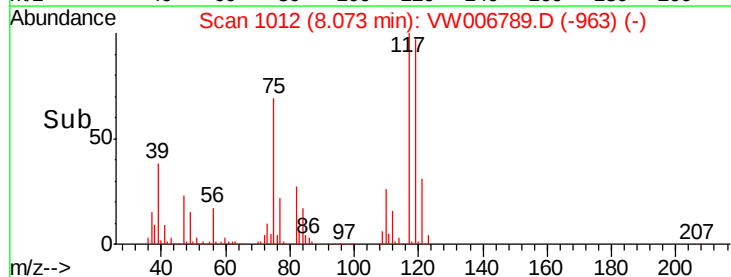
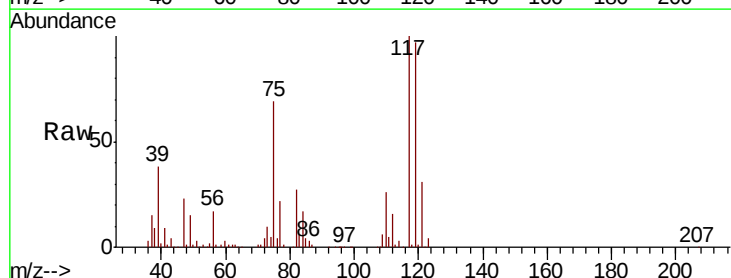
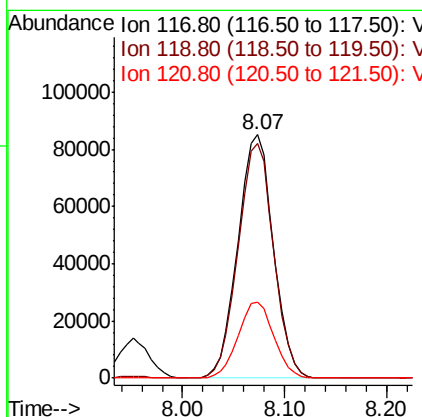
Manual Integrations
APPROVED

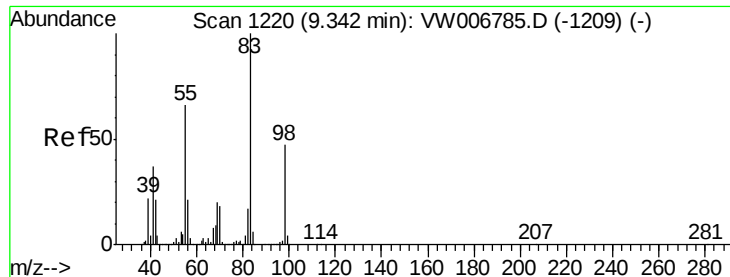
apatel
11/12/2018 3:41:04 PM



#38
Carbon Tetrachloride
Concen: 48.430 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.9	118.3
121	31.0	25.3	37.9





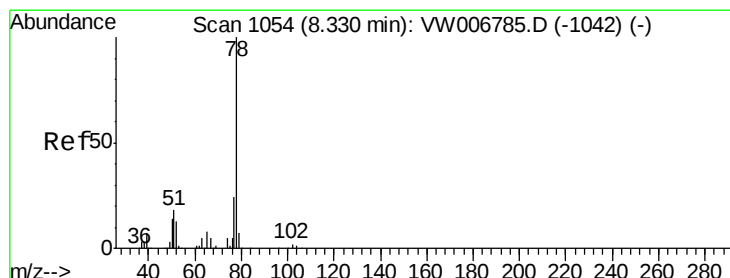
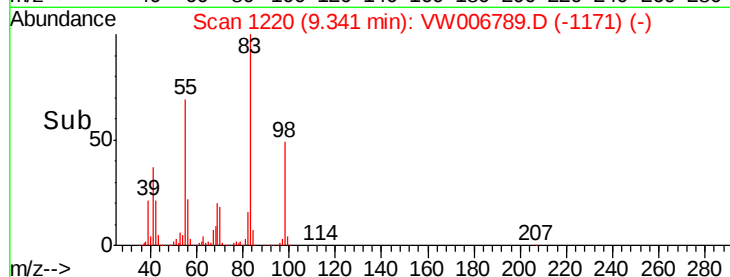
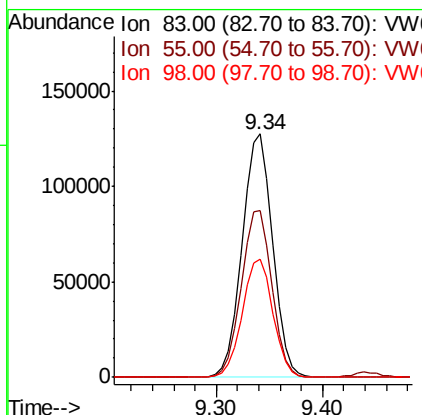
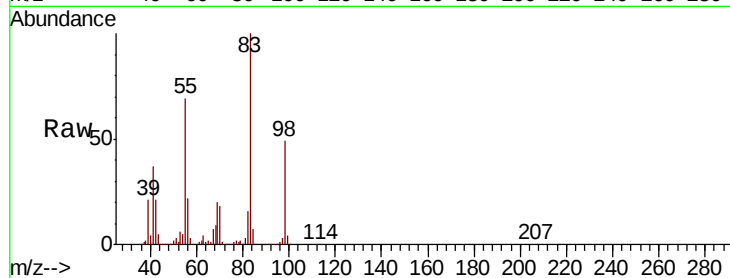
#39
Methvlcvclohexane
Concen: 50.607 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	53.0	79.4
98	48.7	37.9	56.9

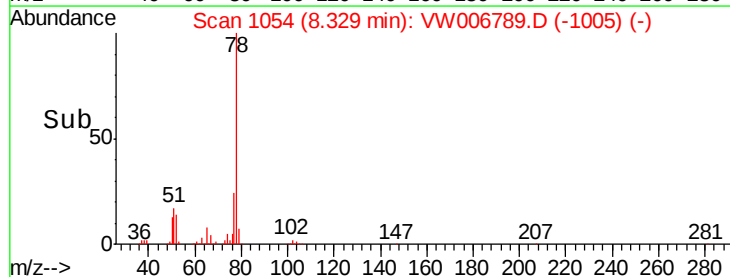
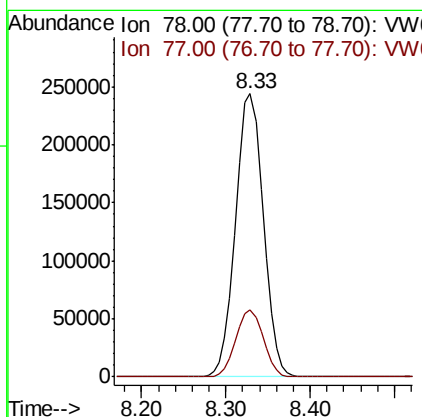
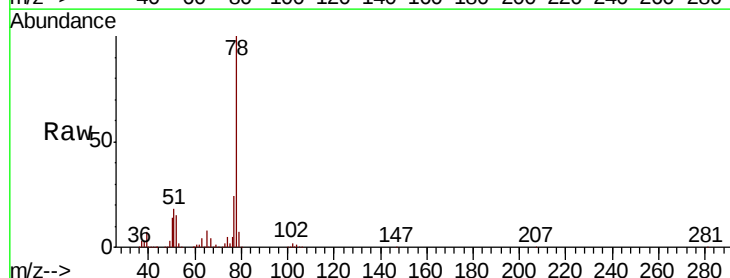
Manual Integrations
APPROVED

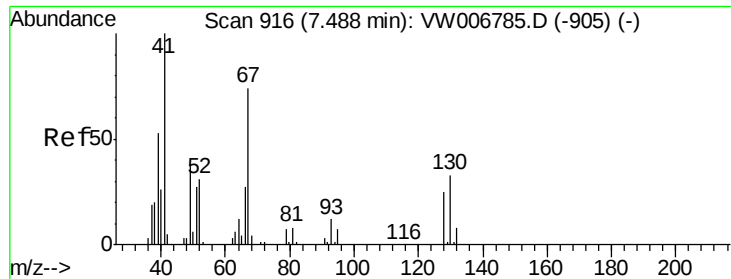
apatel
11/12/2018 3:41:04 PM



#40
Benzene
Concen: 48.277 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.2





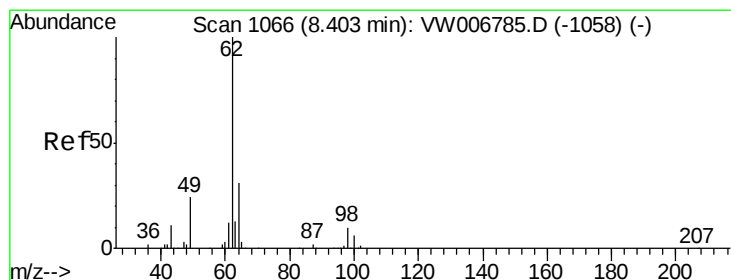
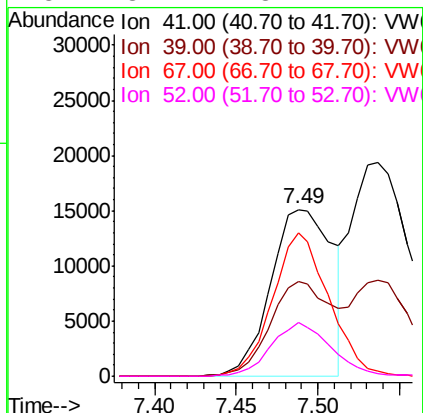
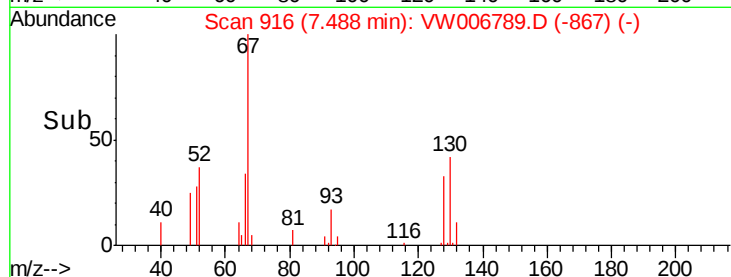
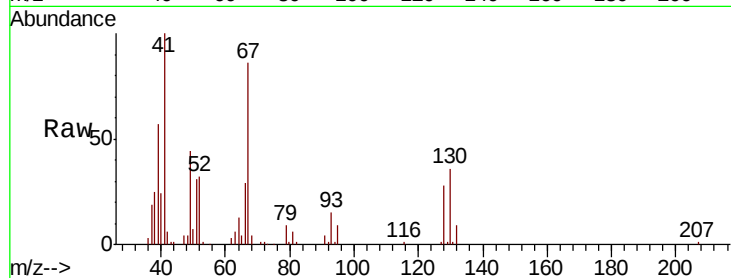
#41
Methacrylonitrile
Concen: 48.464 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVW110918

Tot Ion	Ion	Ratio	Lower	Upper
39826	41	100		
	39	55.7	49.3	73.9
	67	78.4	69.3	103.9
	52	31.1	28.2	42.4

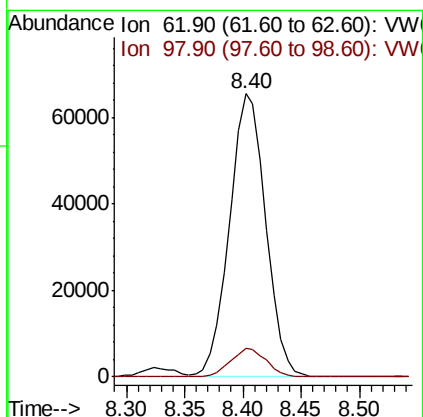
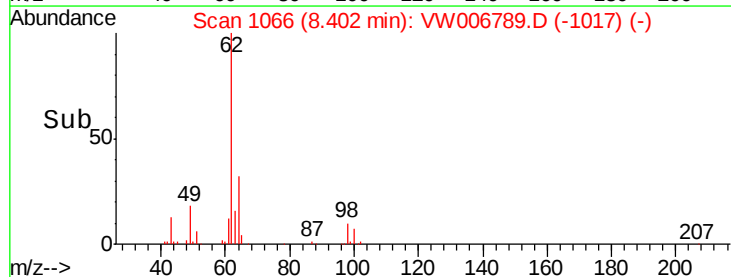
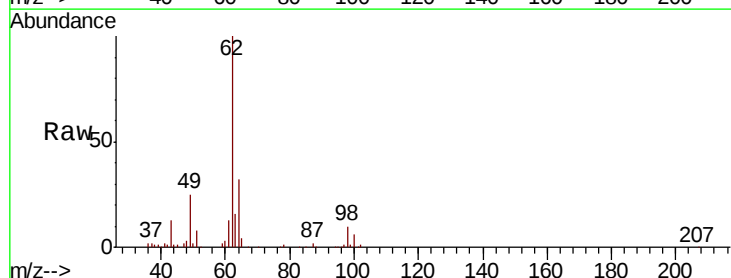
Manual Integrations
APPROVED

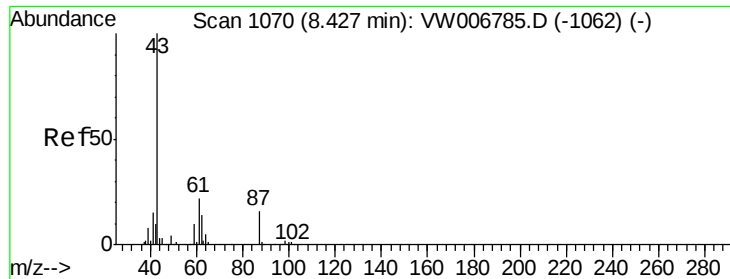
apatel
11/12/2018 3:41:04 PM



#42
1,2-Dichloroethane
Concen: 46.382 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	Ion	Ratio	Lower	Upper
142196	62	100		
	98	9.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 47.119 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

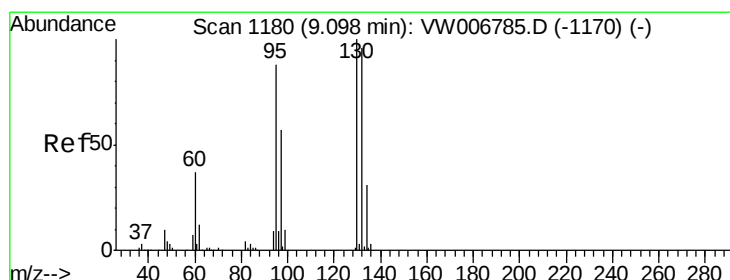
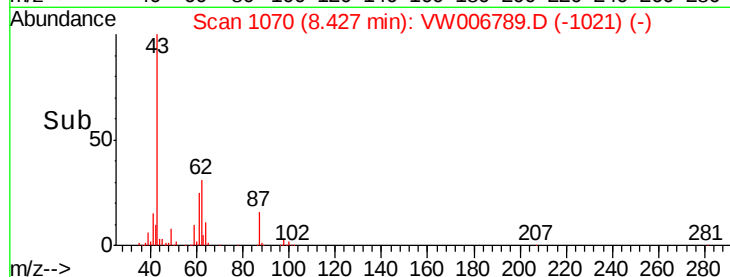
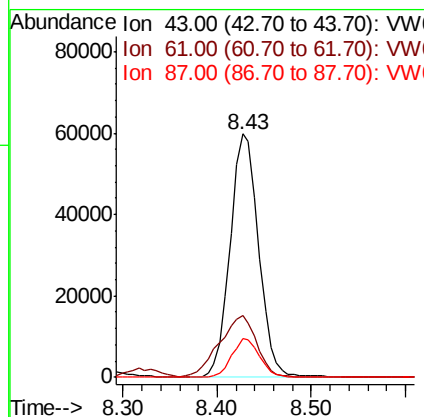
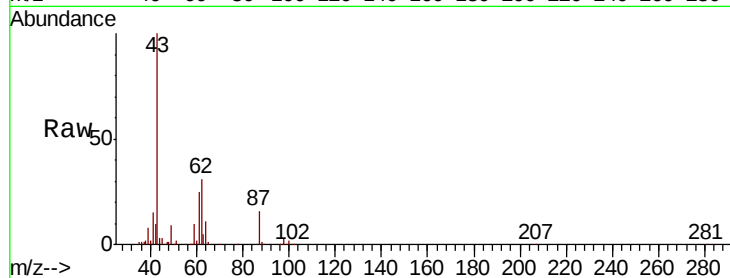
ClientSampleId :

ICVWV110918

Tot Ion:	43	Resp:	125120
Ion	Ratio	Lower	Upper
43	100		
61	33.2	26.5	39.7
87	15.6	12.8	19.2

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:04 PM



#44

Trichloroethene

Concen: 48.025 ug/l

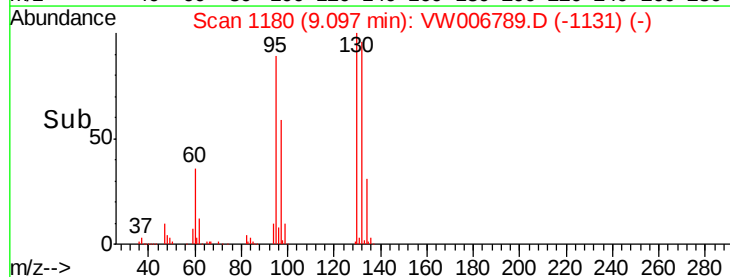
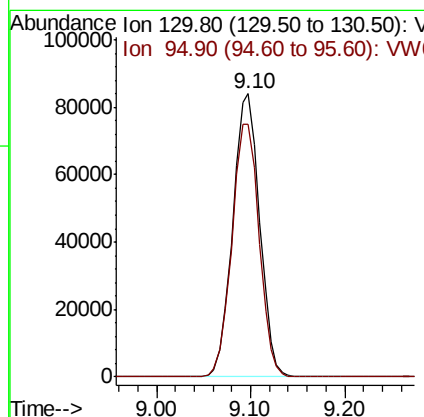
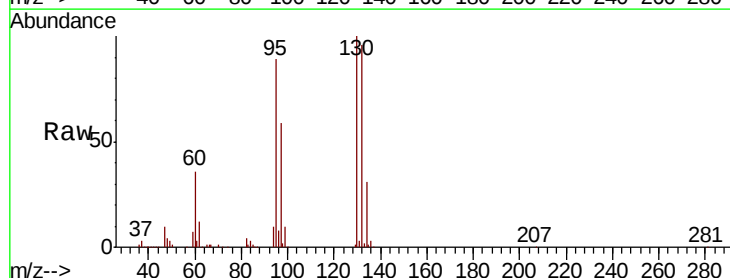
RT: 9.10 min Scan# 1180

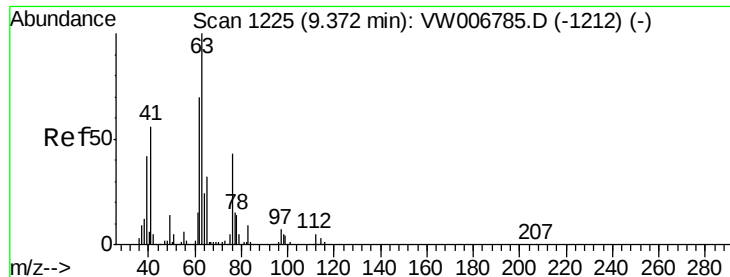
Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Tgt Ion:	130	Resp:	166305
Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	175.0





#45

1,2-Dichloropropane

Concen: 46.543 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW110918

Tot Ion: 63 Resp: 123115

Ion Ratio Lower Upper

63 100

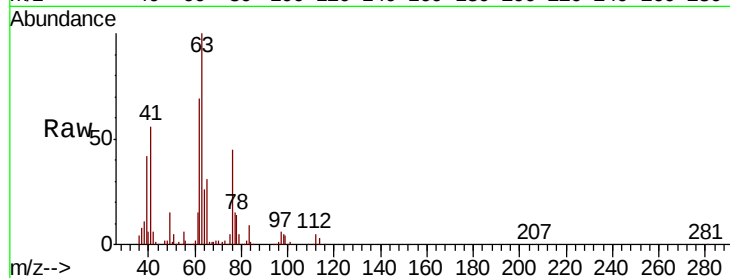
65 31.0 25.5 38.3

Manual Integrations

APPROVED

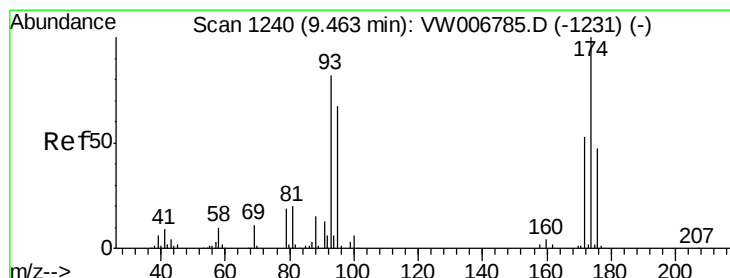
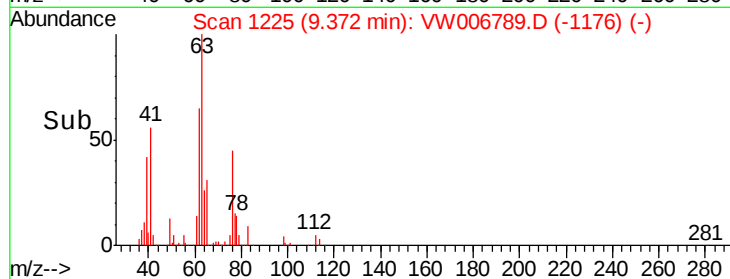
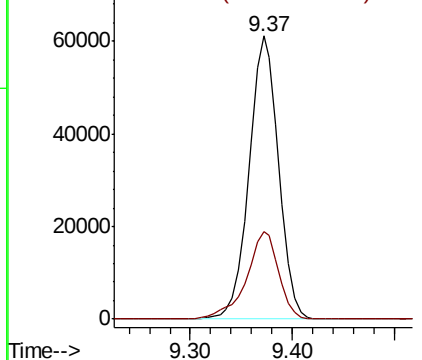
apatel

11/12/2018 3:41:04 PM



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 45.851 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

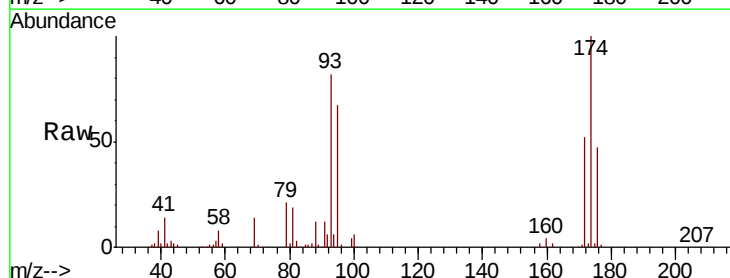
Tgt Ion: 93 Resp: 68093

Ion Ratio Lower Upper

93 100

95 83.6 65.4 98.0

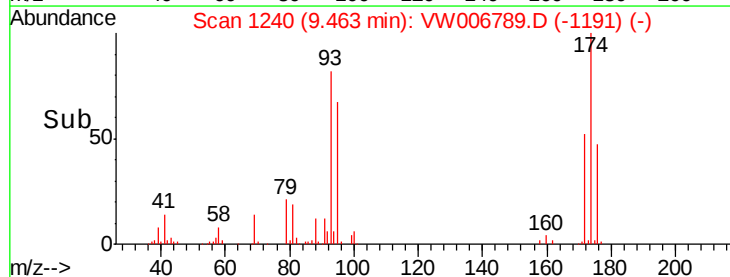
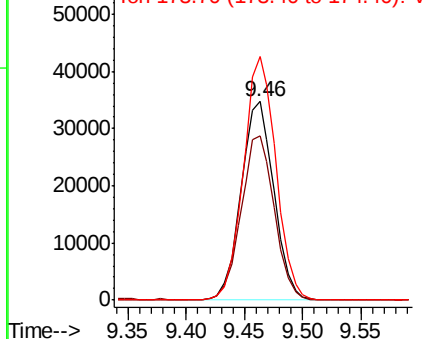
174 121.4 96.4 144.6

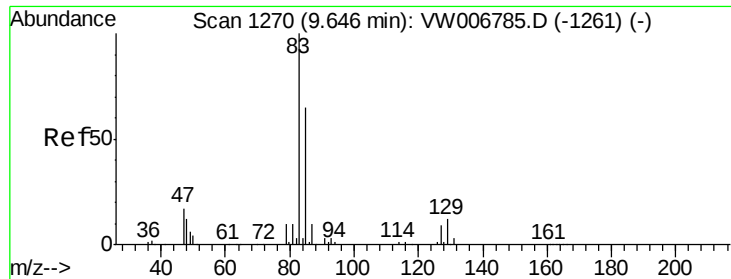


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





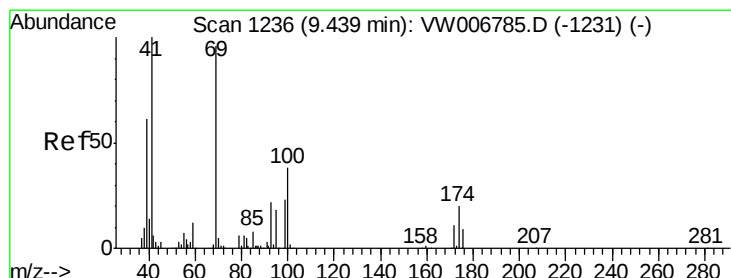
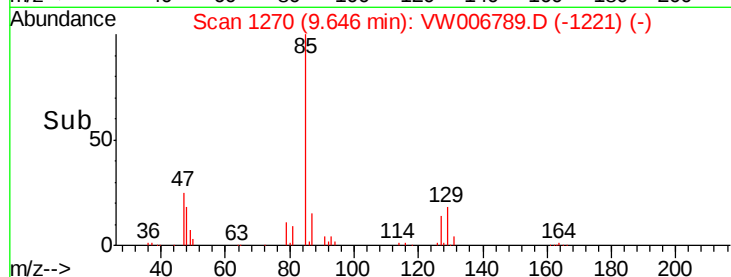
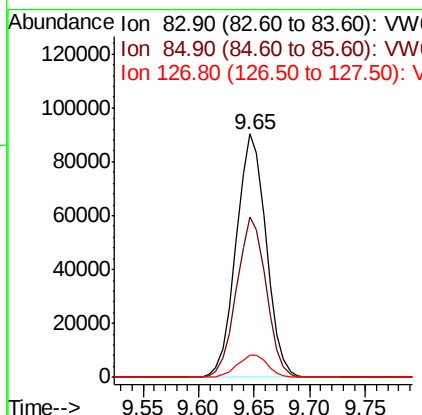
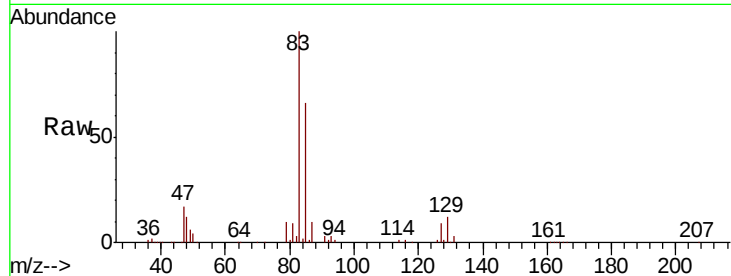
#47
Bromodichloromethane
Concen: 46.774 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

Tot Ion	Ratio	Resp	Lower	Upper
83	100	168558		
85	65.8	51.6	77.4	
127	9.2	7.4	11.2	

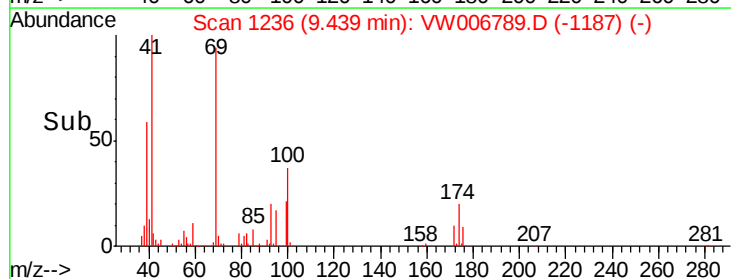
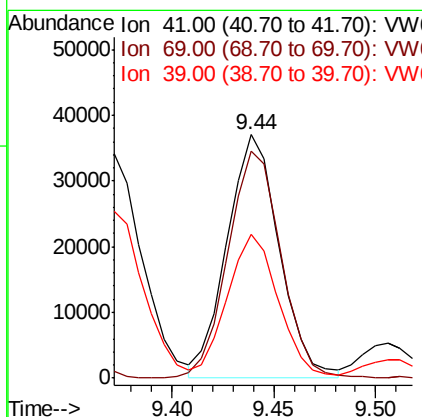
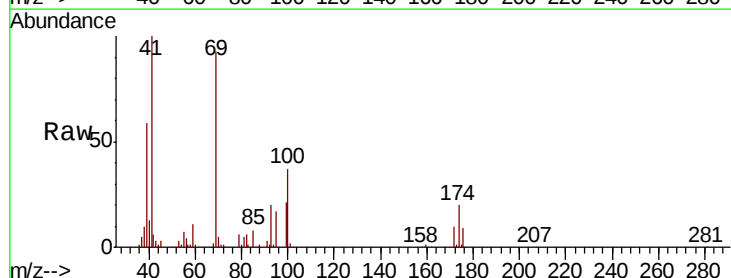
Manual Integrations
APPROVED

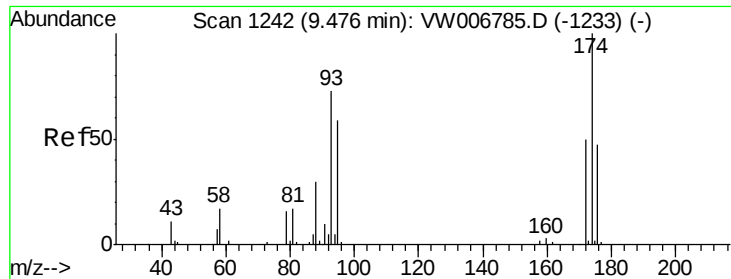
apatel
11/12/2018 3:41:04 PM



#48
Methyl methacrylate
Concen: 52.584 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	65761		
69	95.1	81.5	122.3	
39	55.2	48.0	72.0	





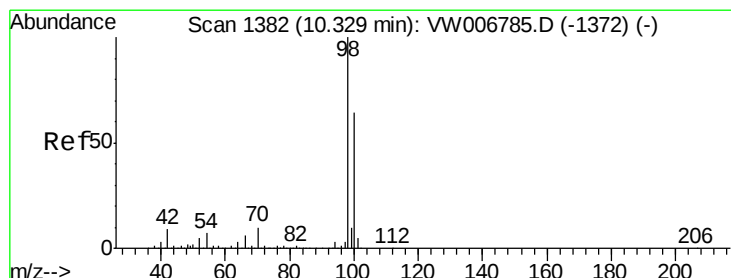
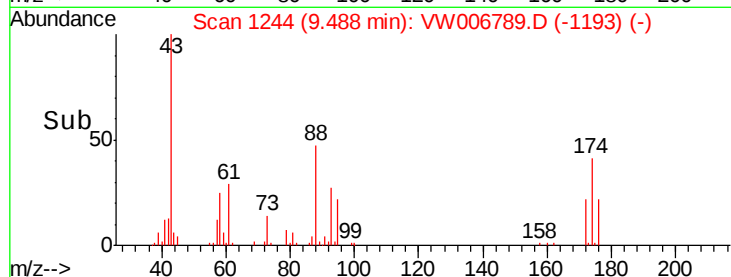
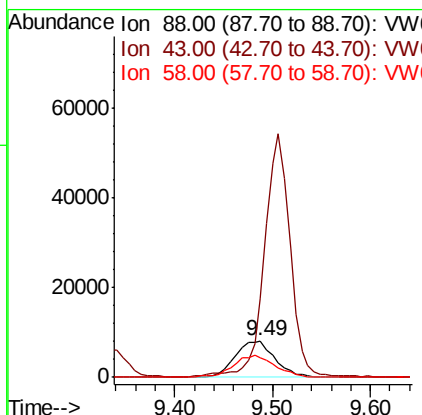
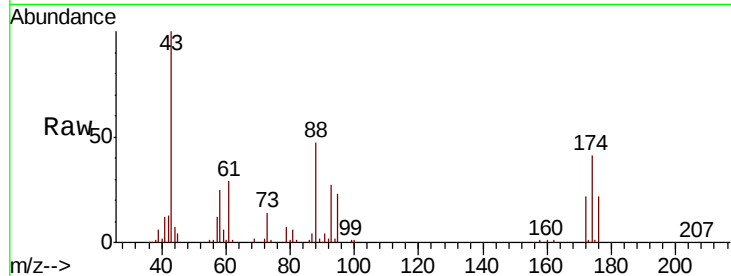
#49
1,4-Dioxane
Concen: 1023.857 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVW110918

Tot Ion	88	Resp	22764
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	63.3	53.7	80.5

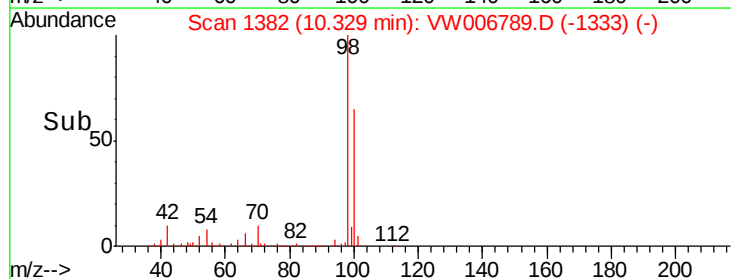
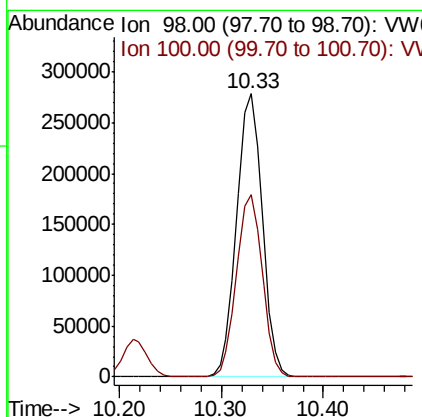
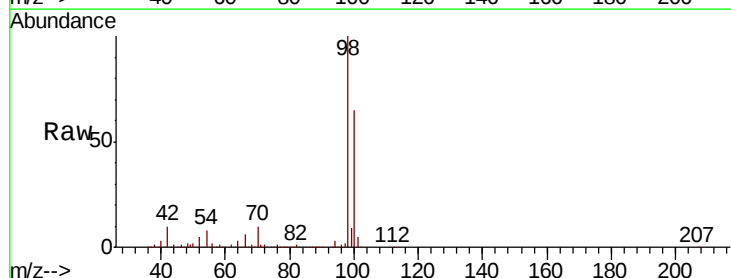
Manual Integrations
APPROVED

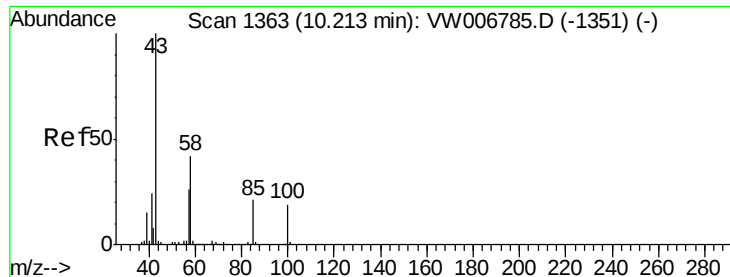
apatel
11/12/2018 3:41:04 PM



#50
Toluene-d8
Concen: 46.070 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	98	Resp	485084
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 240.739 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW110918

Tot Ion: 43 Resp: 328429

Ion Ratio Lower Upper

43 100

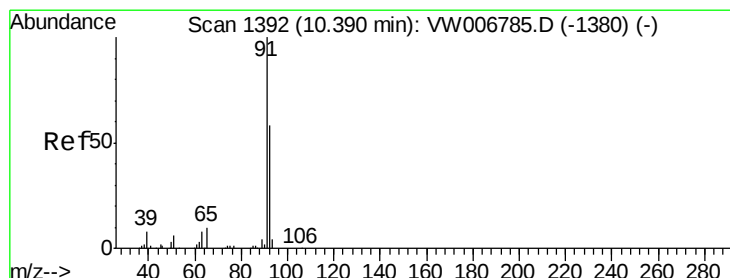
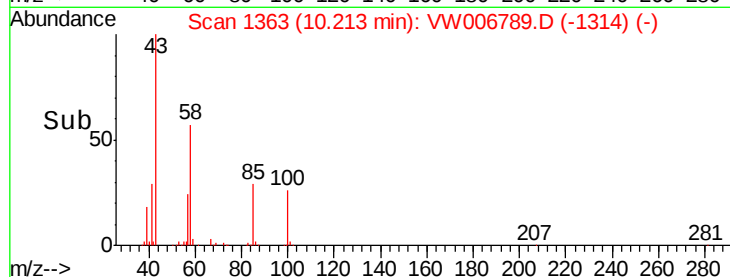
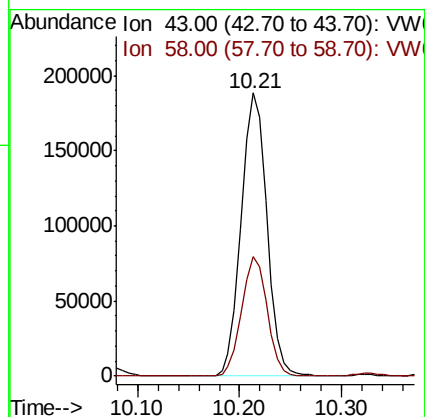
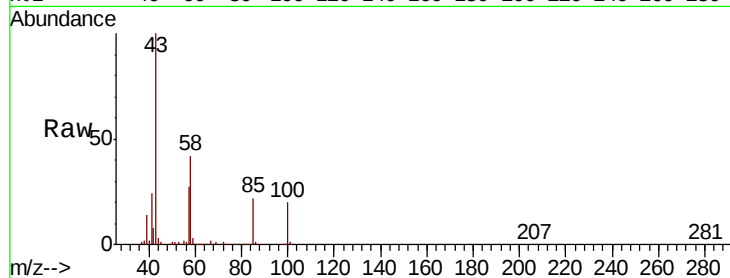
58 42.1 33.2 49.8

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:04 PM



#52

Toluene

Concen: 50.520 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006789.D

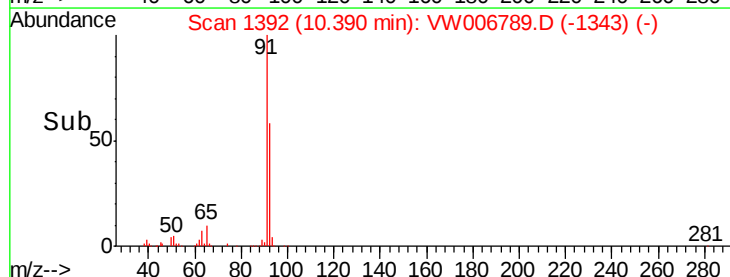
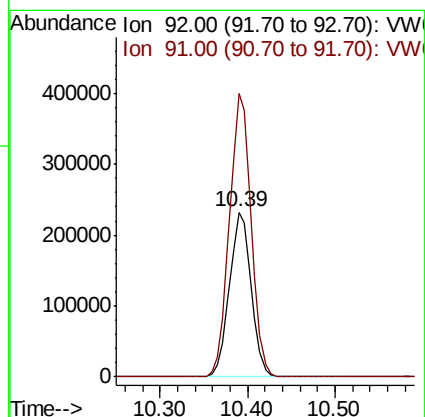
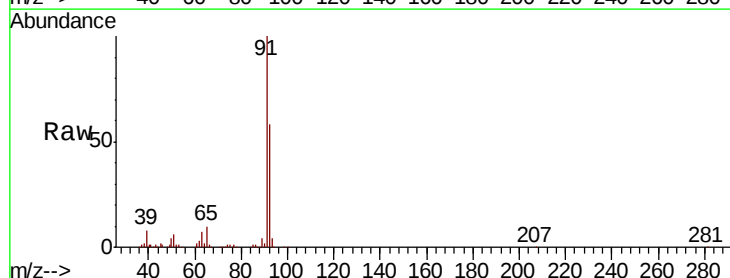
Acq: 09 Nov 2018 16:25

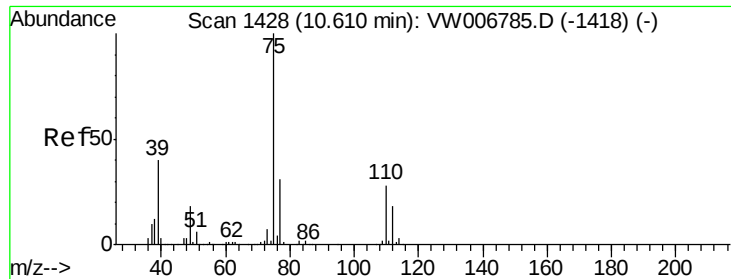
Tgt Ion: 92 Resp: 400038

Ion Ratio Lower Upper

92 100

91 172.2 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 48.826 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW110918

Tot Ion: 75 Resp: 170616

Ion Ratio Lower Upper

75 100

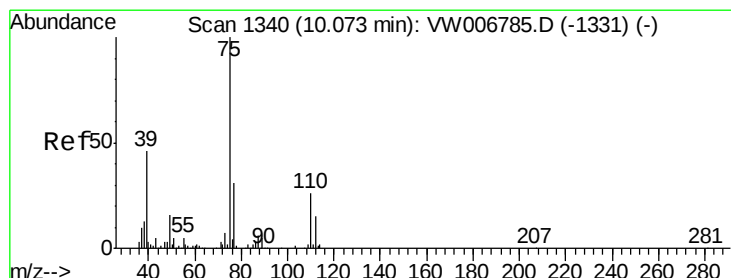
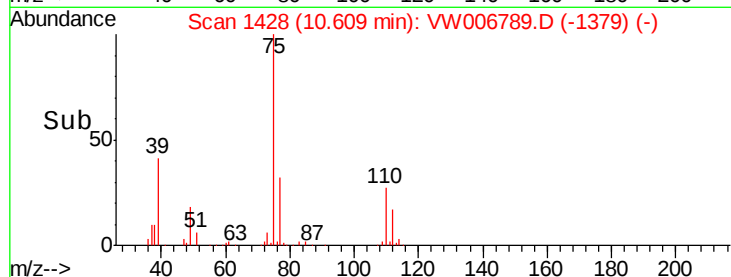
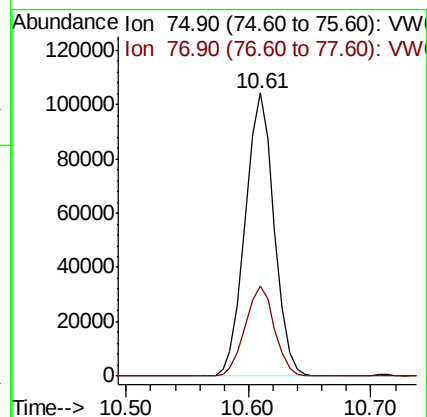
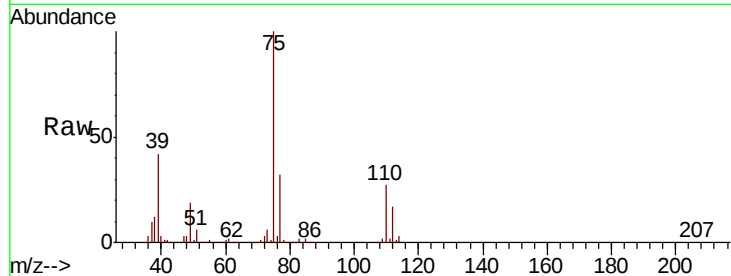
77 31.6 25.1 37.7

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:04 PM



#54

cis-1,3-Dichloropropene

Concen: 48.641 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

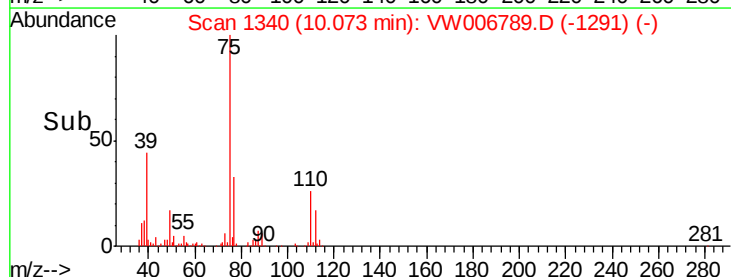
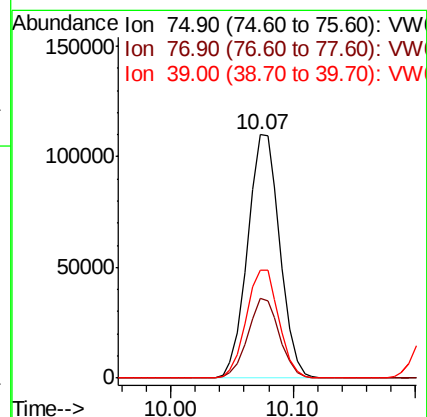
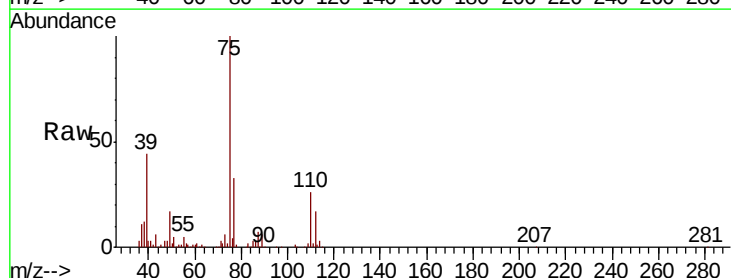
Tgt Ion: 75 Resp: 201522

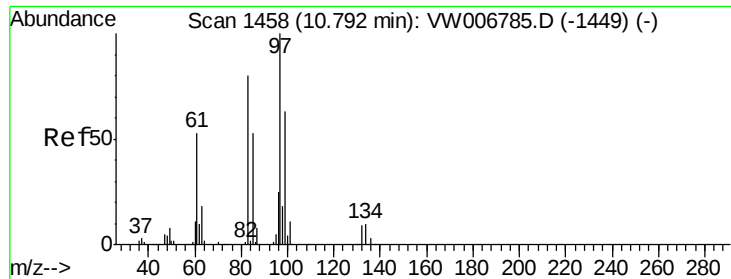
Ion Ratio Lower Upper

75 100

77 32.9 24.6 37.0

39 44.4 37.1 55.7





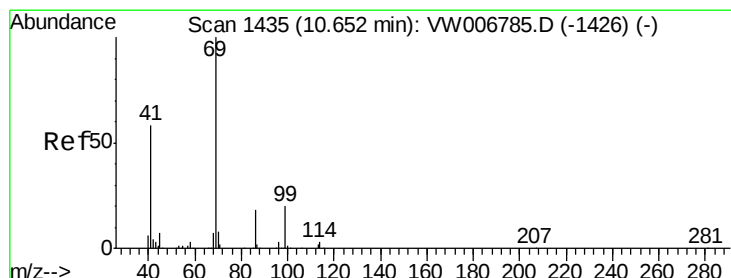
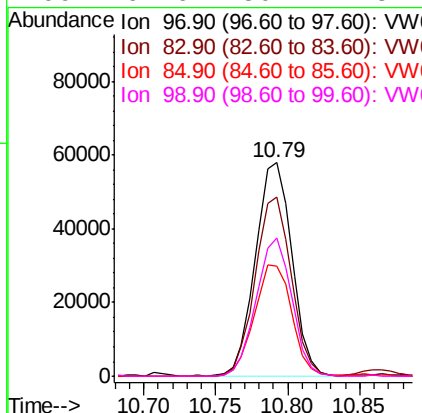
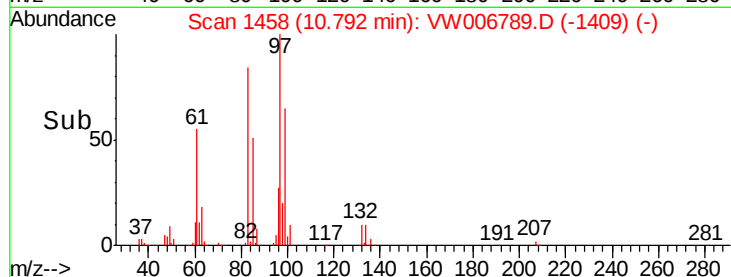
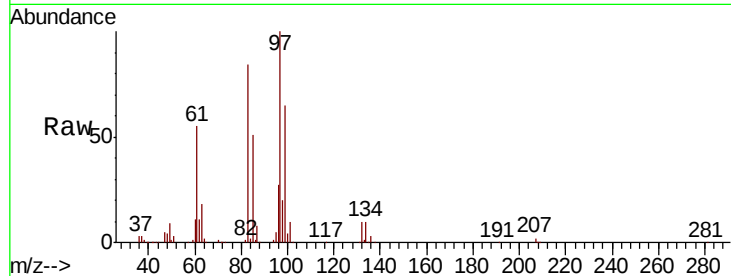
#55
 1,1,2-Trichloroethane
 Concen: 46.472 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		101671		
83	83.9	64.4	96.6		
85	51.5	42.6	63.8		
99	64.6	50.2	75.2		

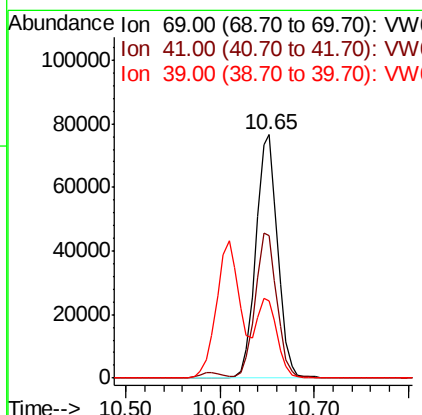
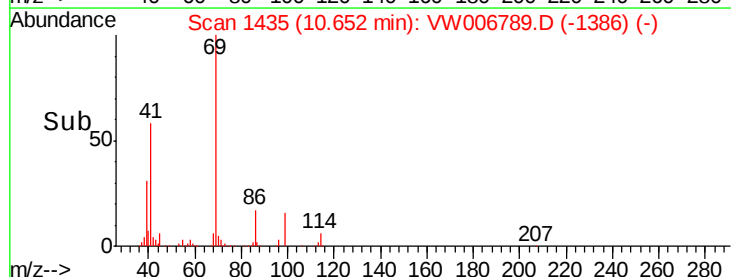
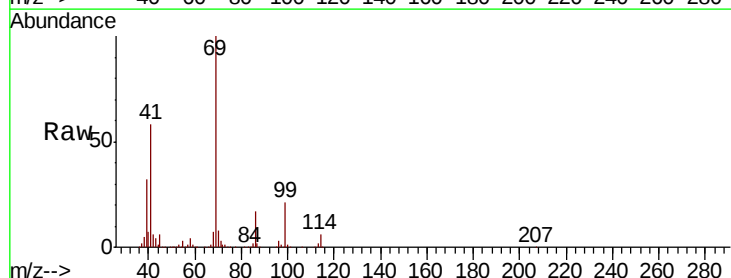
Manual Integrations
 APPROVED

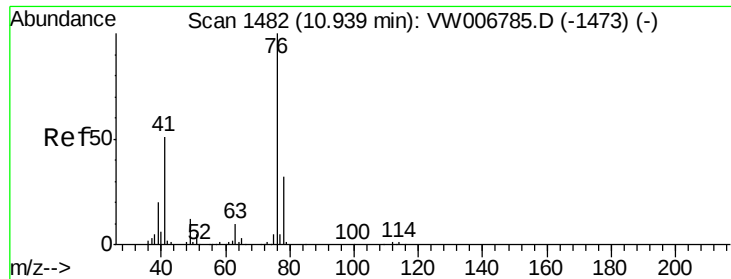
apatel
 11/12/2018 3:41:04 PM



#56
 Ethyl methacrylate
 Concen: 51.774 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		125081		
41	59.2	47.2	70.8		
39	29.2	23.4	35.0		





#57

1,3-Dichloropropane

Concen: 46.706 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

Tot Ion: 76 Resp: 163352

Ion Ratio Lower Upper

76 100

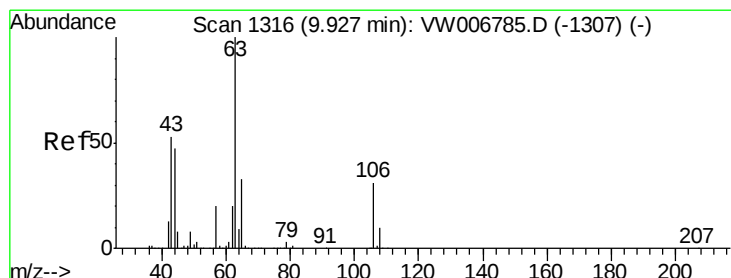
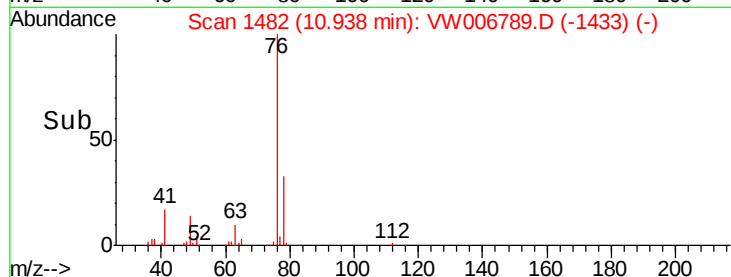
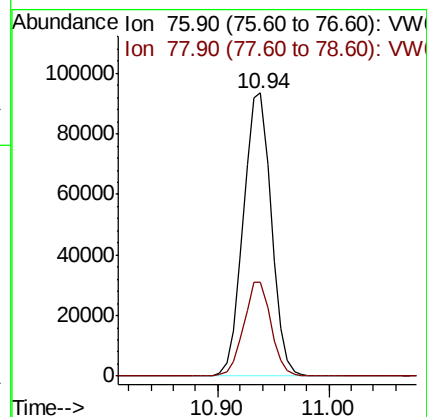
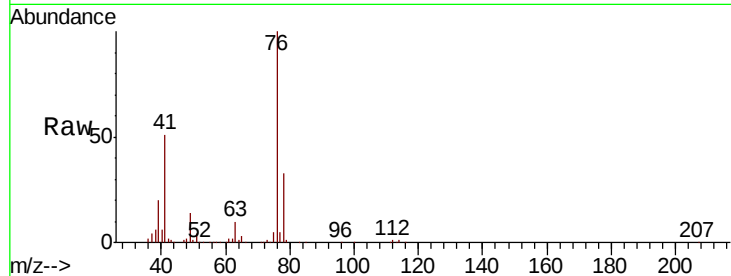
78 32.5 25.5 38.3

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:04 PM



#58

2-Chloroethyl Vinyl ether

Concen: 230.965 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006789.D

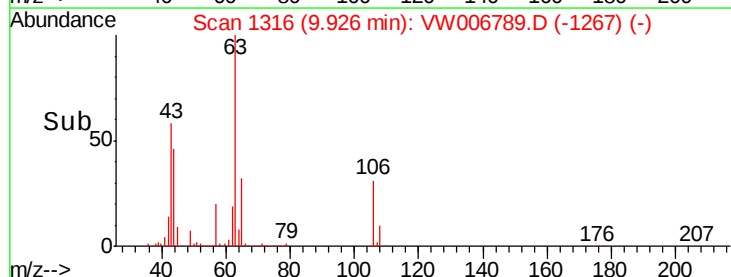
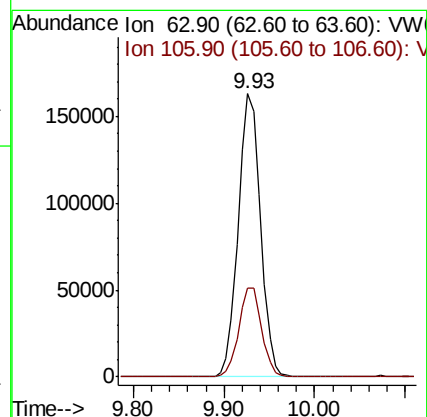
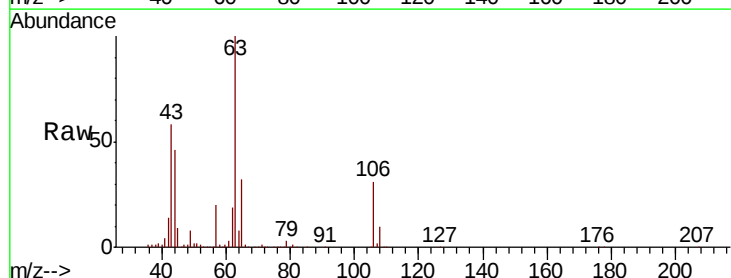
Acq: 09 Nov 2018 16:25

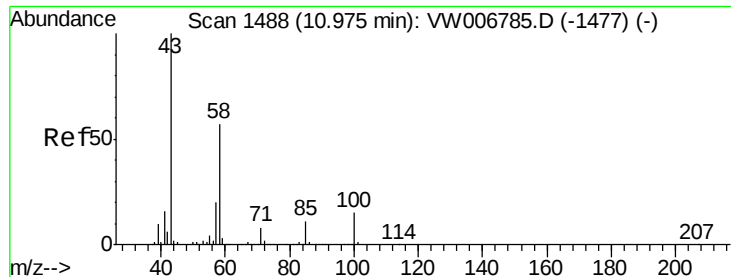
Tgt Ion: 63 Resp: 277886

Ion Ratio Lower Upper

63 100

106 32.2 25.3 37.9





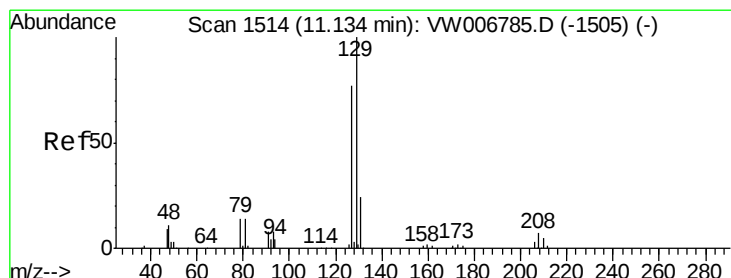
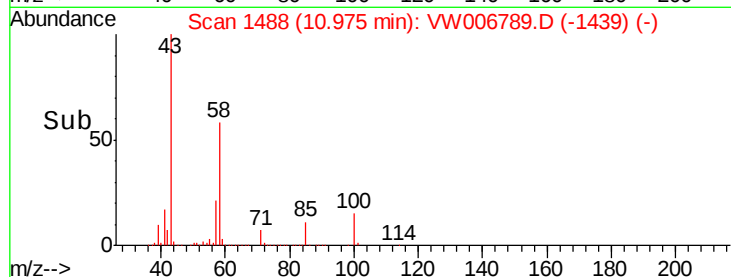
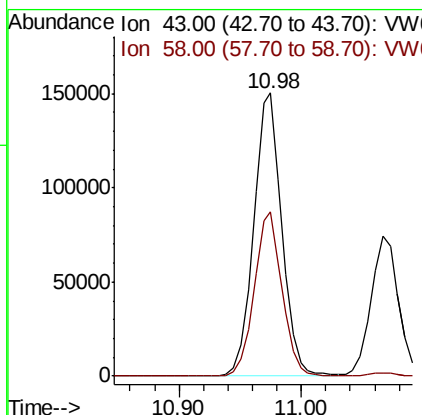
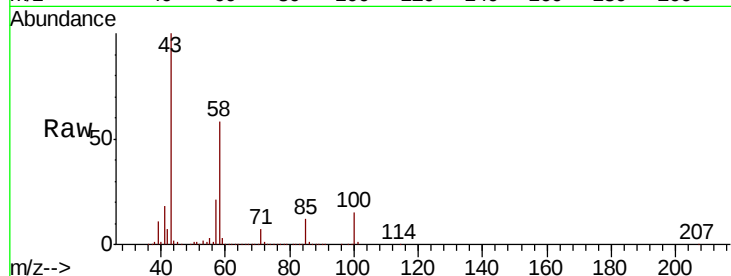
#59
2-Hexanone
Concen: 259.903 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

Tot Ion	43	Resp	240297
Ion Ratio	100	Lower	Upper
43	100		
58	57.0	28.5	85.5

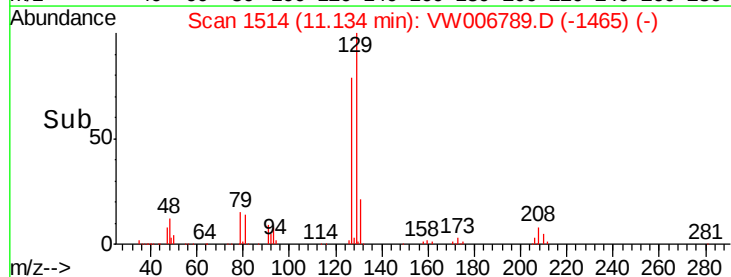
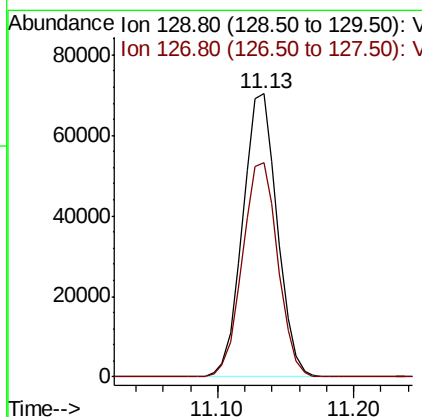
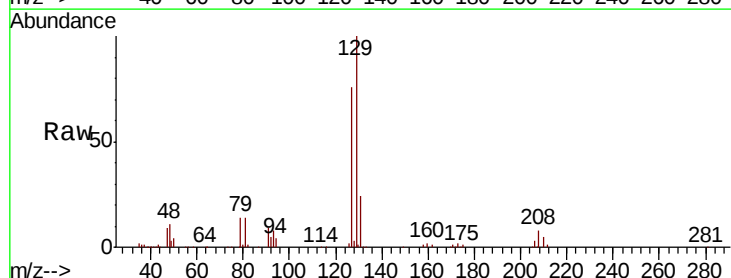
Manual Integrations
APPROVED

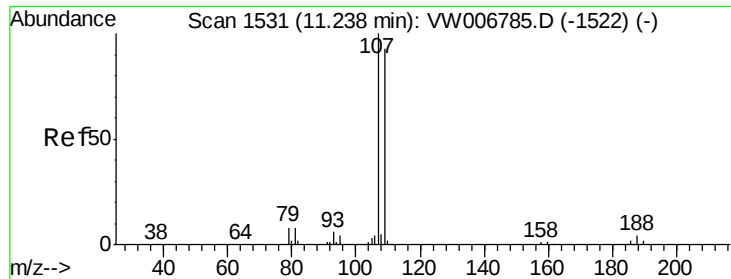
apatel
11/12/2018 3:41:04 PM



#60
Dibromochloromethane
Concen: 47.610 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	129	Resp	125206
Ion Ratio	100	Lower	Upper
129	100		
127	77.5	38.5	115.3





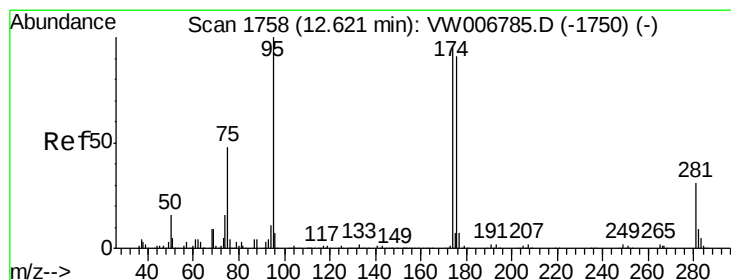
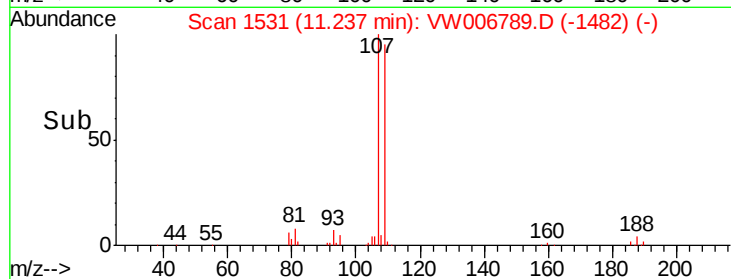
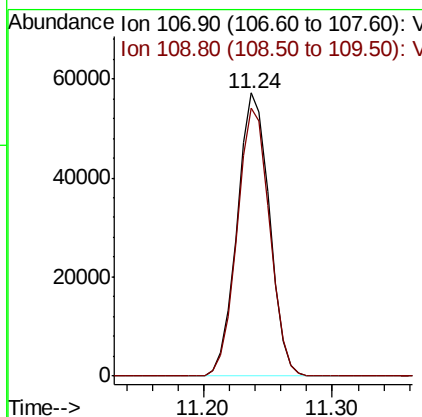
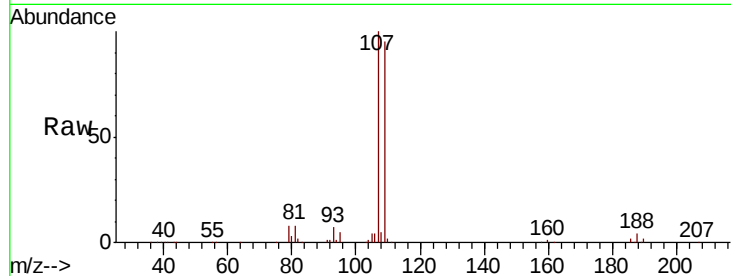
#61
 1,2-Dibromoethane
 Concen: 46.906 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

Tot Ion: 107 Resp: 98731
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.5 113.3

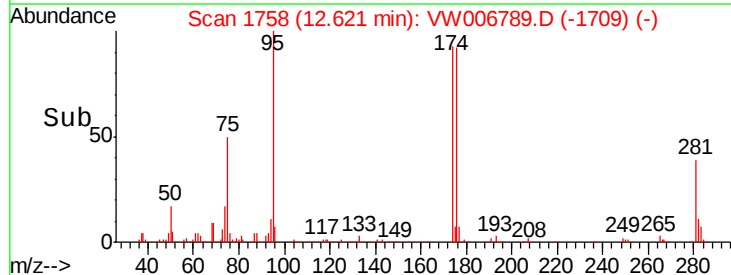
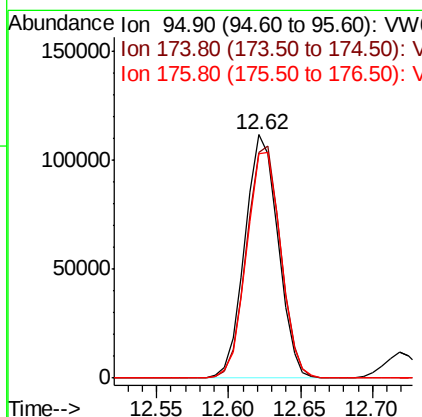
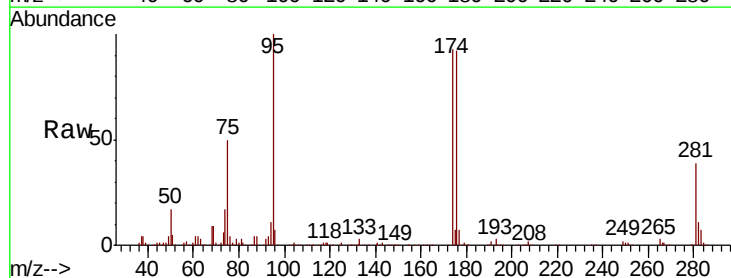
Manual Integrations
 APPROVED

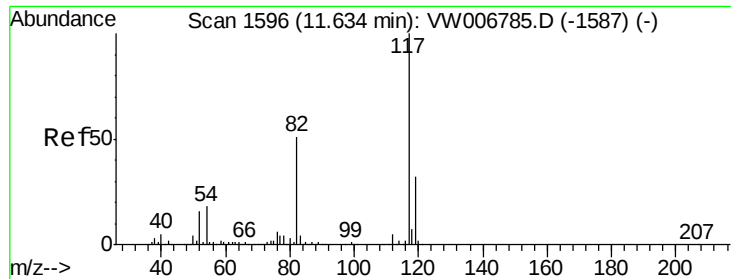
apatel
 11/12/2018 3:41:04 PM



#62
 4-Bromofluorobenzene
 Concen: 46.473 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion: 95 Resp: 178212
 Ion Ratio Lower Upper
 95 100
 174 97.4 0.0 196.2
 176 95.5 0.0 190.8





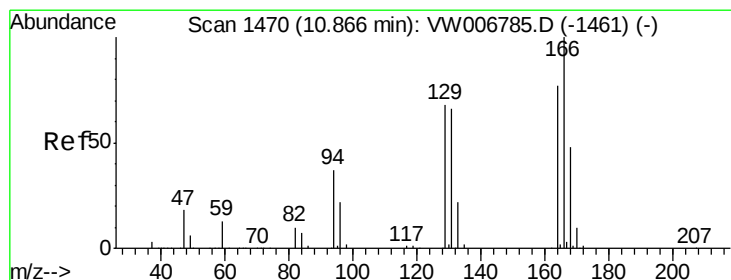
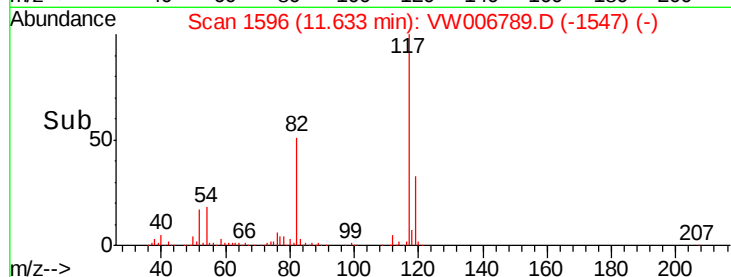
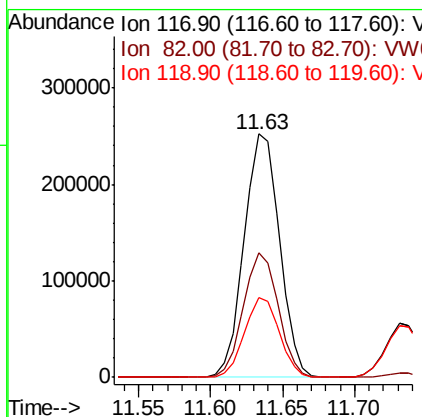
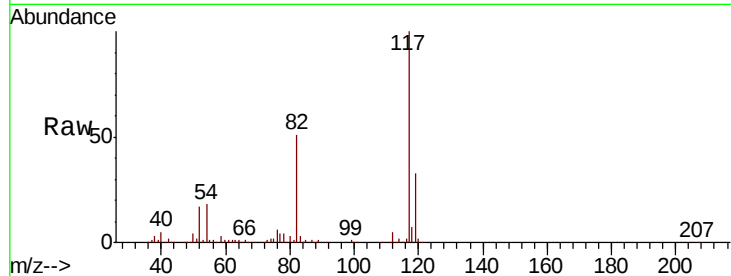
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

Tot Ion	Ratio	Resp	Lower	Upper
117	100	430486		
82	51.2		40.9	61.3
119	32.5		25.8	38.8

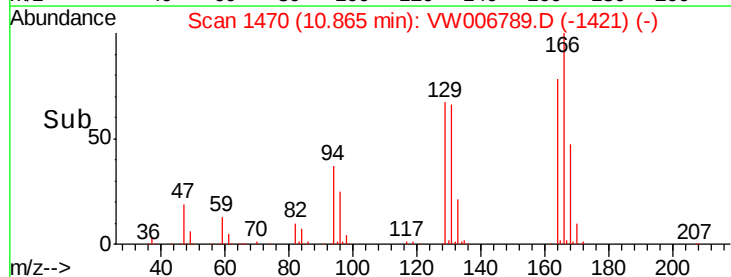
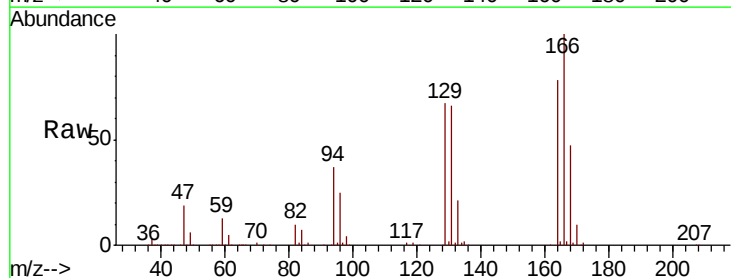
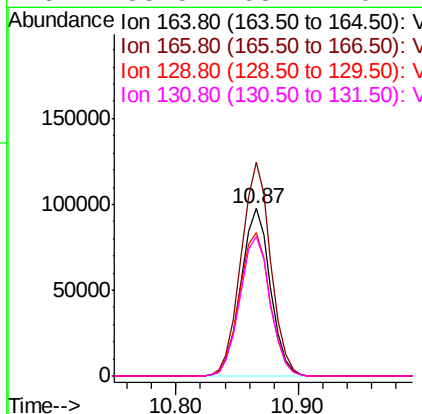
Manual Integrations
APPROVED

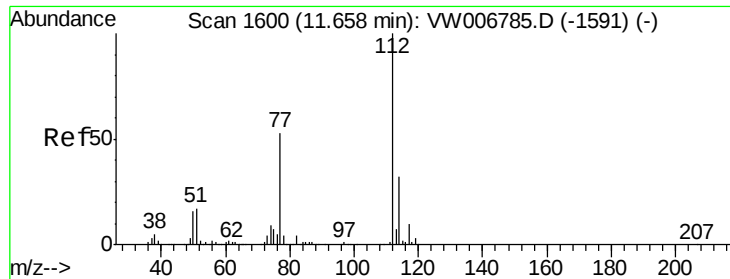
apatel
11/12/2018 3:41:04 PM



#64
Tetrachloroethene
Concen: 49.551 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	162891		
166	127.4		103.7	155.5
129	85.4		70.4	105.6
131	83.5		68.2	102.2





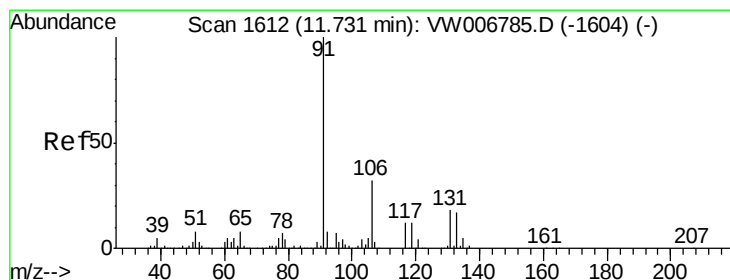
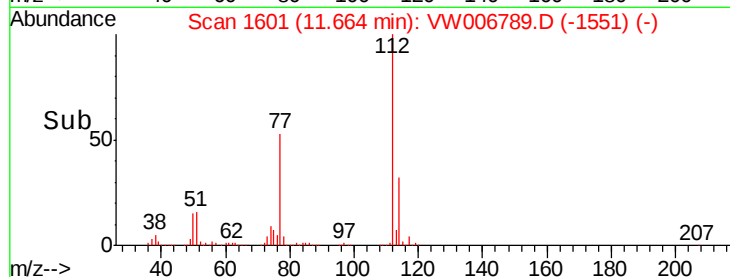
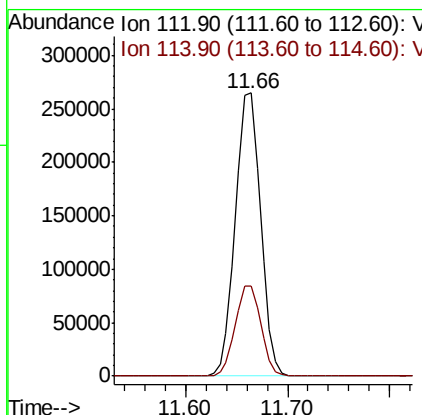
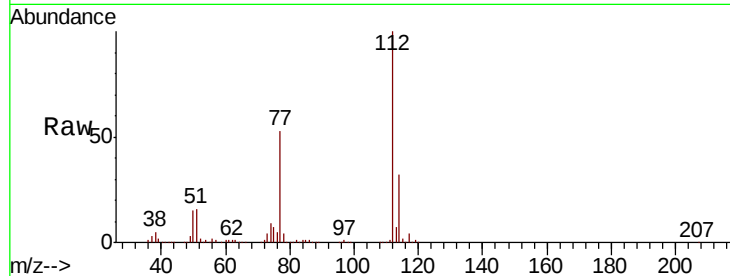
#65
Chlorobenzene
Concen: 49.513 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVW110918

Tot Ion:112 Resp: 453699
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9

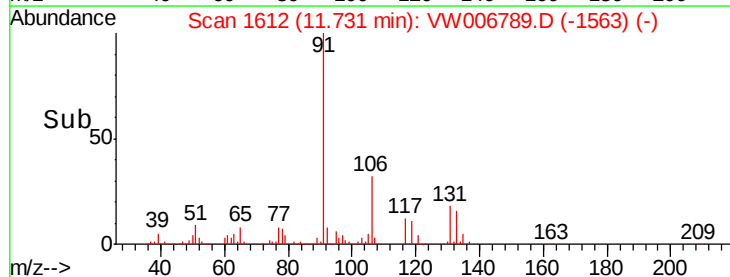
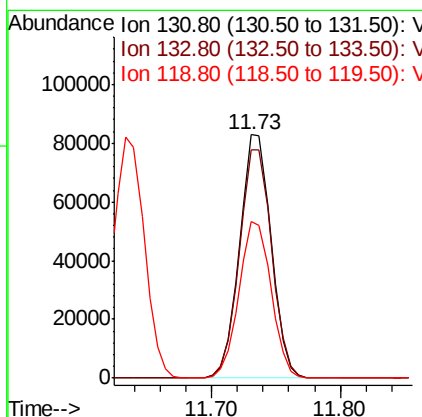
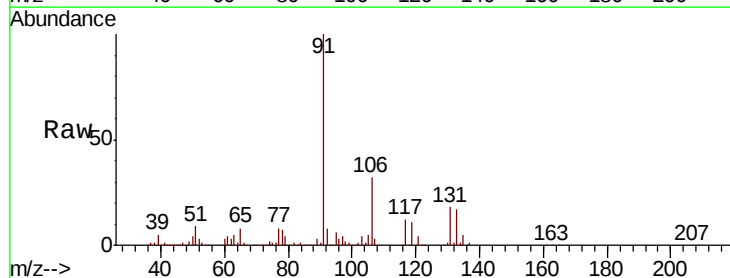
Manual Integrations
APPROVED

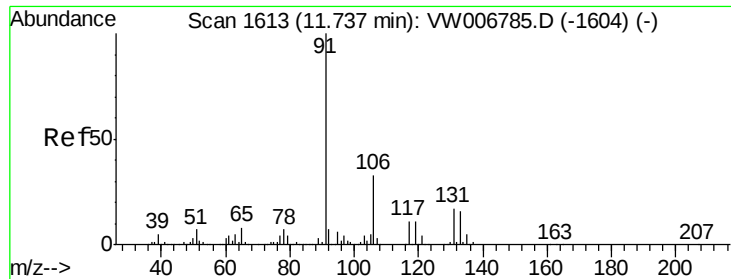
apatel
11/12/2018 3:41:04 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.897 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion:131 Resp: 140597
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 65.4 32.3 96.8





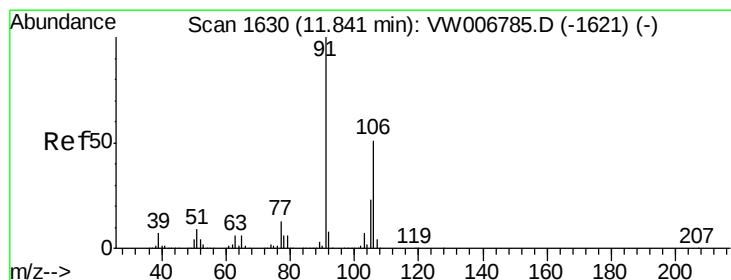
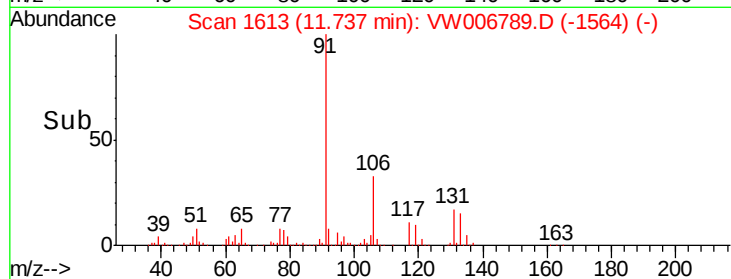
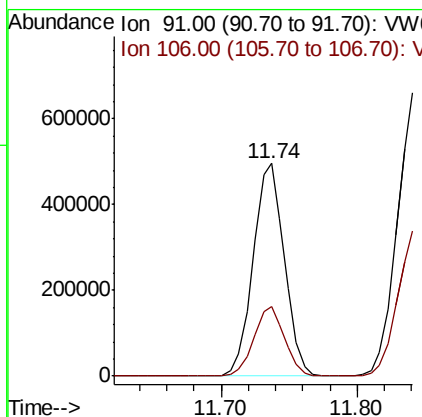
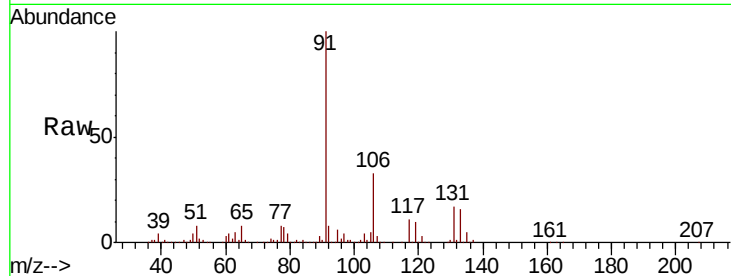
#67
Ethyl Benzene
Concen: 51.759 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

Tot Ion: 91 Resp: 797866
Ion Ratio Lower Upper
91 100
106 32.6 26.3 39.5

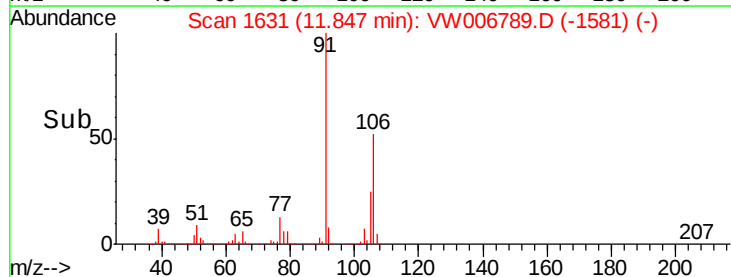
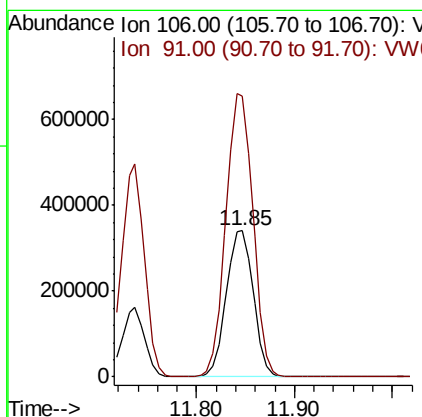
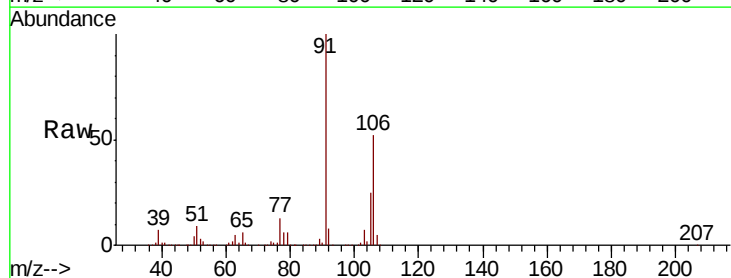
Manual Integrations
APPROVED

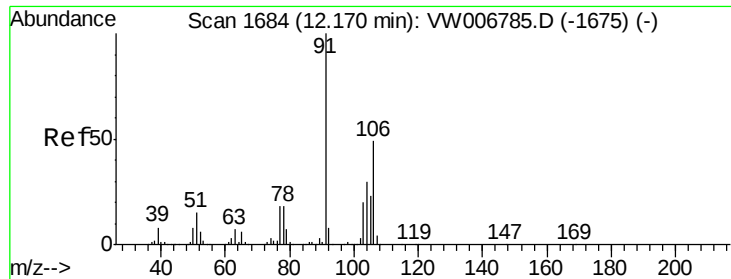
apatel
11/12/2018 3:41:04 PM



#68
m/p-Xylenes
Concen: 103.708 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion: 106 Resp: 652072
Ion Ratio Lower Upper
106 100
91 194.7 155.3 232.9





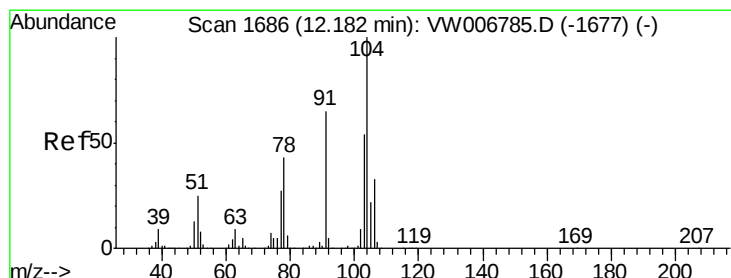
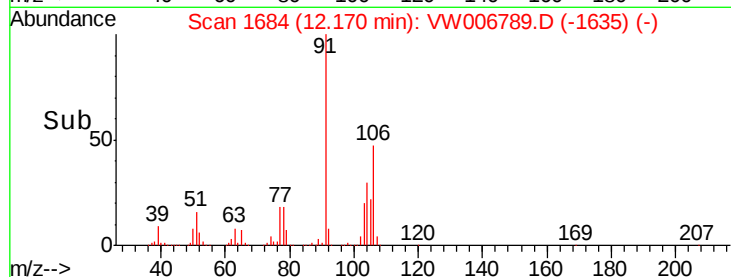
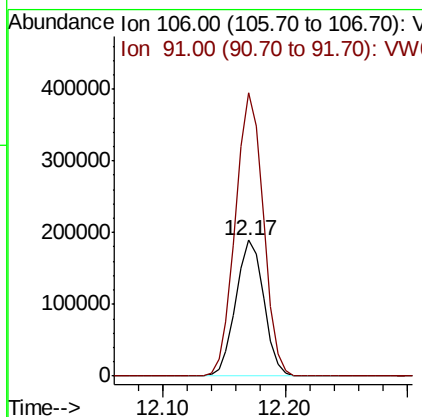
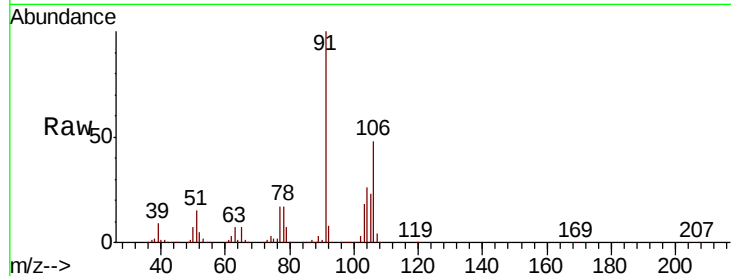
#69
o-Xylene
Concen: 51.782 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVW110918

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	208.0	103.0	308.9	

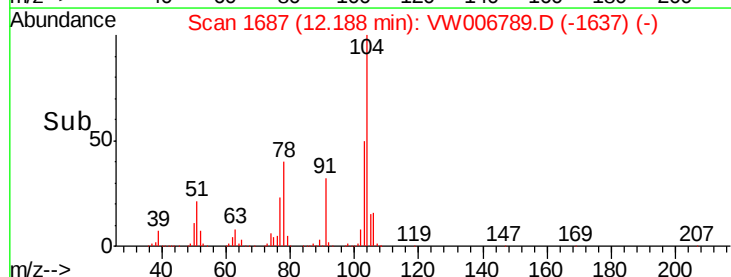
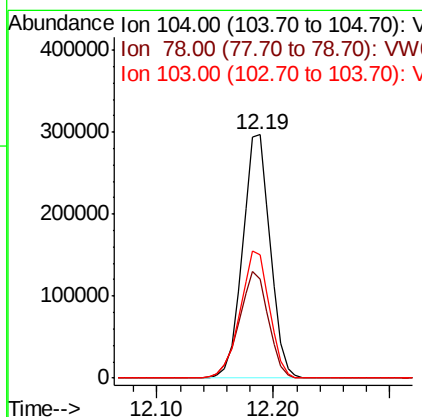
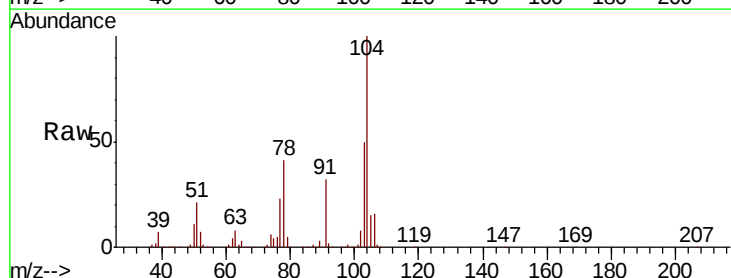
Manual Integrations
APPROVED

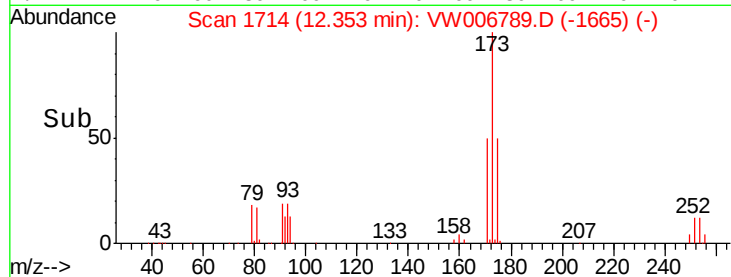
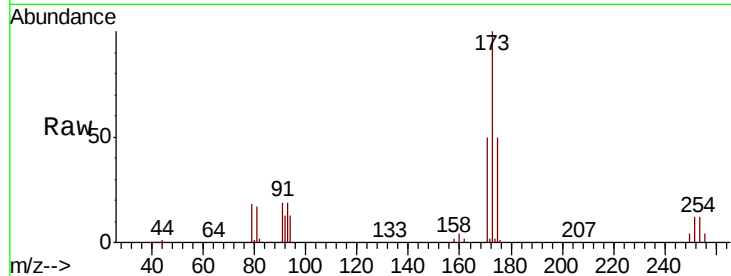
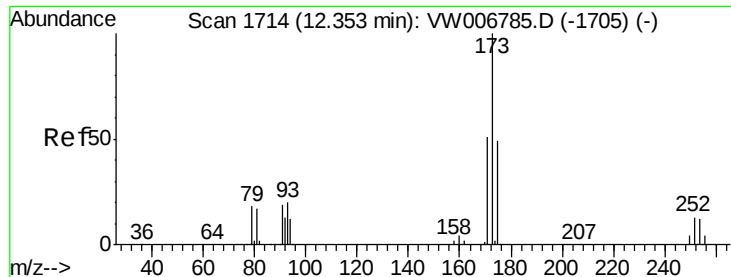
apatel
11/12/2018 3:41:04 PM



#70
Styrene
Concen: 52.068 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	46.6	37.1	55.7	
103	55.5	44.4	66.6	





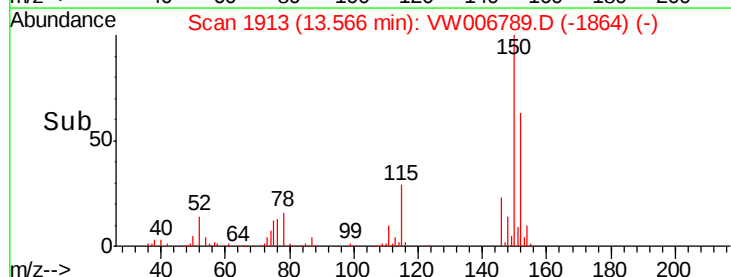
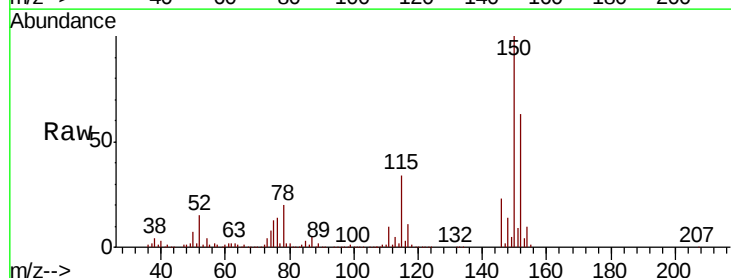
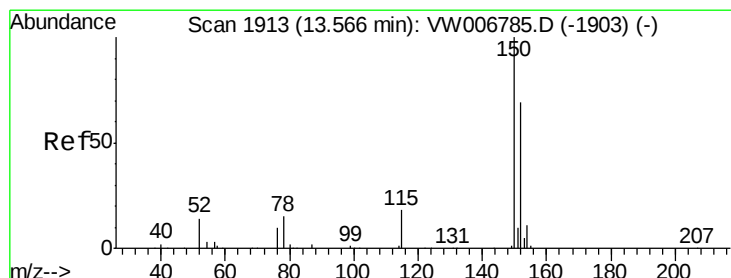
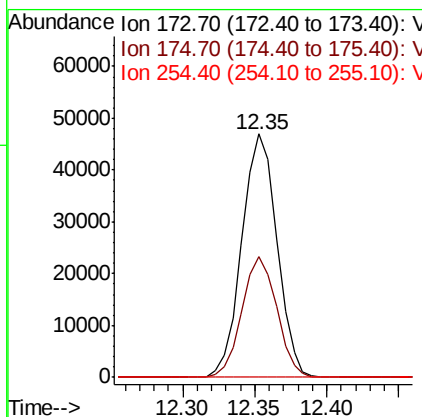
#71
Bromoform
Concen: 48.702 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	72.8
254	0.1	0.1	0.1

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

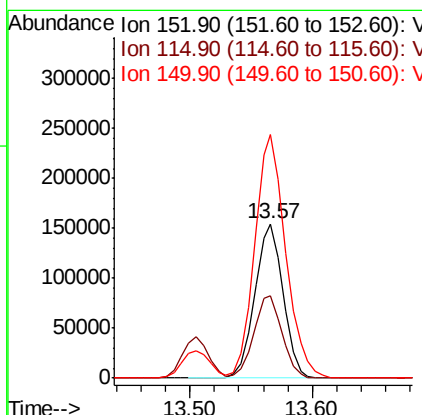
Manual Integrations
APPROVED

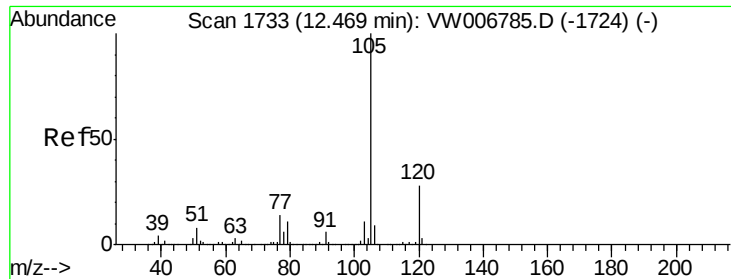
apatel
11/12/2018 3:41:04 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.7	80.0
150	173.6	0.0	348.0





#73

Isopropylbenzene

Concen: 52.598 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

Tot Ion: 105 Resp: 835805

Ion Ratio Lower Upper

105 100

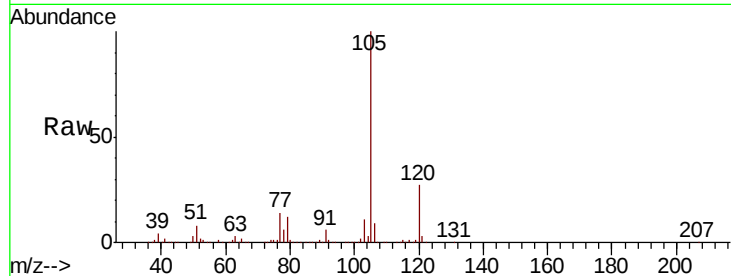
120 27.5 13.9 41.6

Manual Integrations

APPROVED

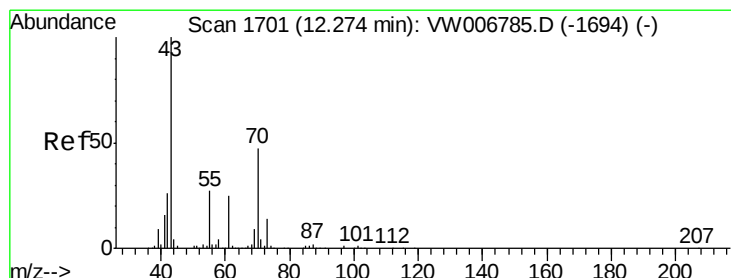
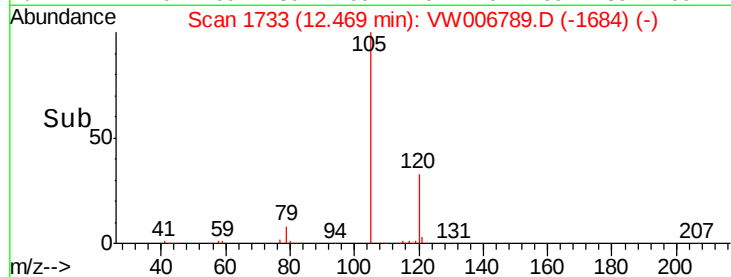
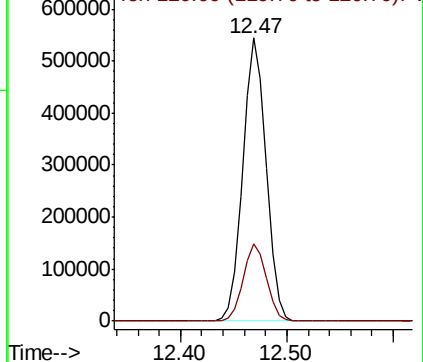
apatel

11/12/2018 3:41:04 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.482 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Tgt Ion: 43 Resp: 133341

Ion Ratio Lower Upper

43 100

70 48.6 38.3 57.5

55 27.3 22.3 33.5

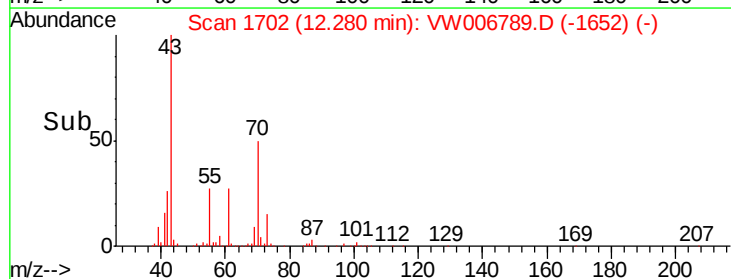
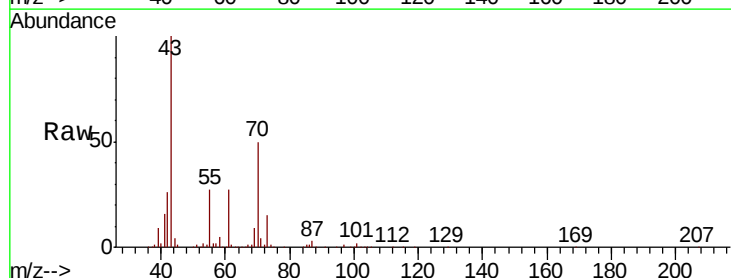
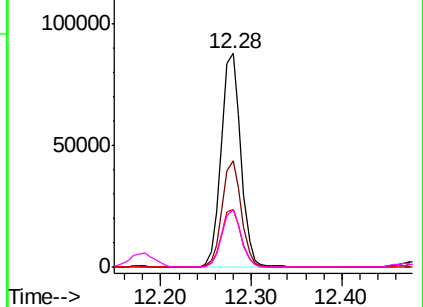
61 26.1 20.1 30.1

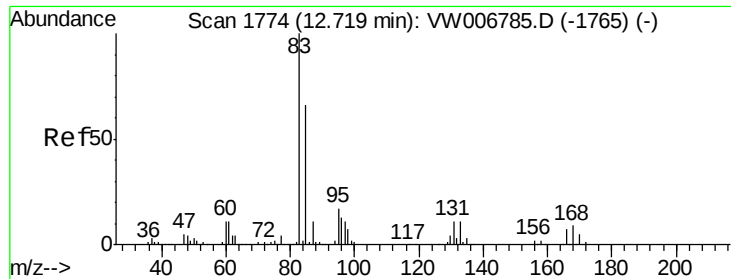
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 48.300 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

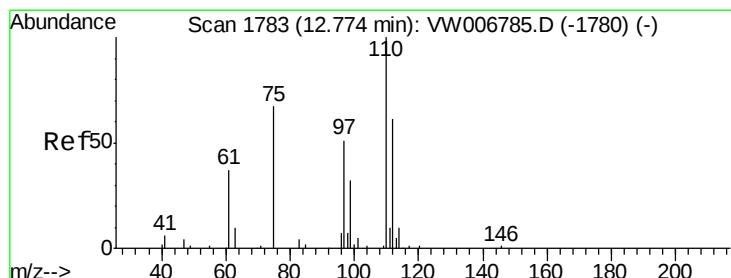
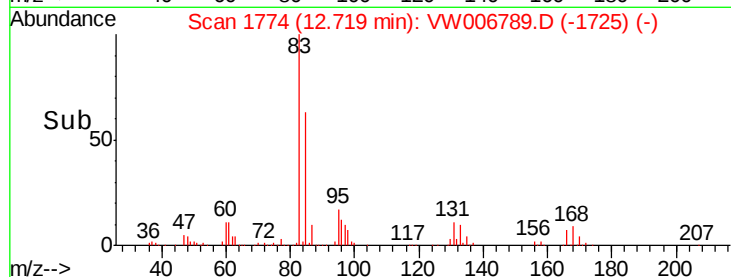
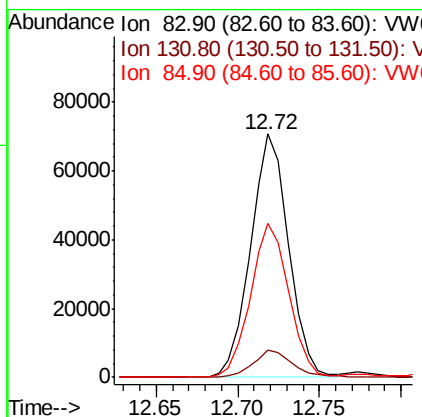
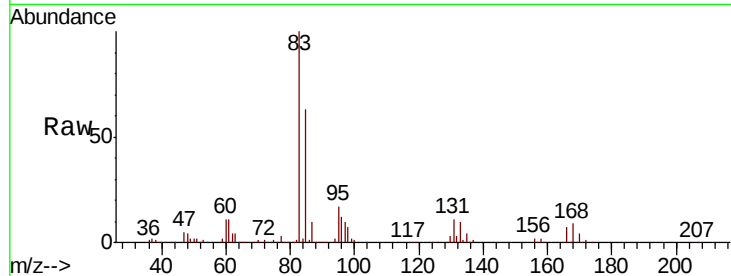
ClientSampleId :

ICVWV110918

Tot Ion:	83	Resp:	114345
Ion Ratio	Lower	Upper	
83	100		
131	11.9	6.0	18.0
85	63.6	32.3	96.8

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:04 PM



#76

1,2,3-Trichloropropane

Concen: 49.734 ug/l m

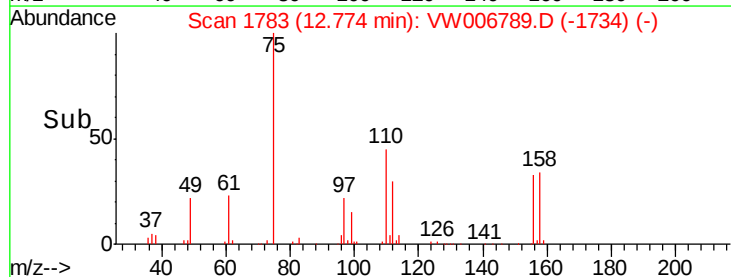
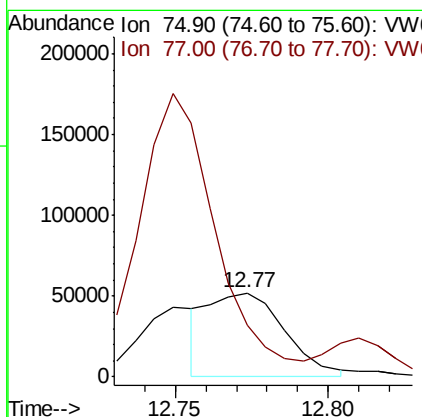
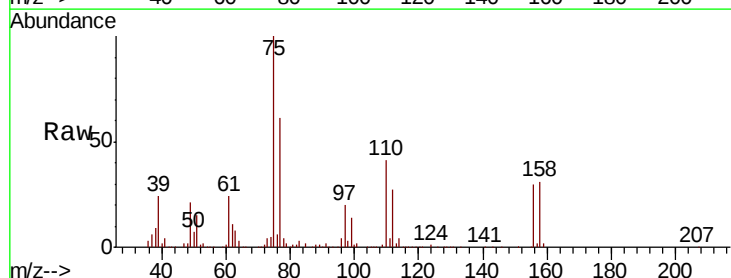
RT: 12.77 min Scan# 1783

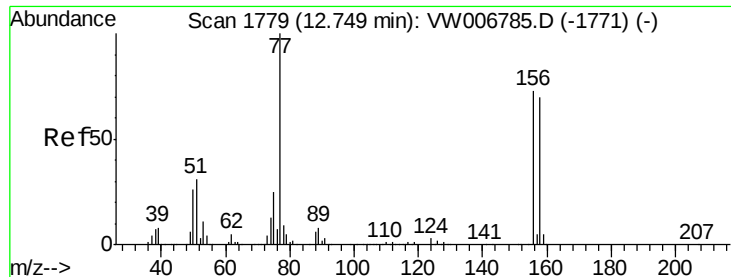
Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Tgt Ion:	75	Resp:	89573
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.974 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

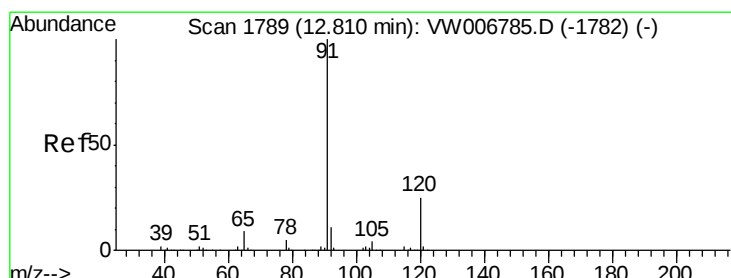
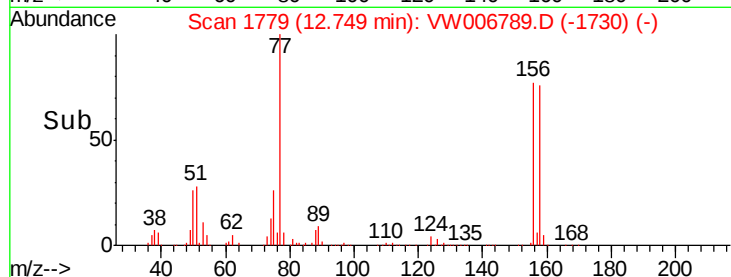
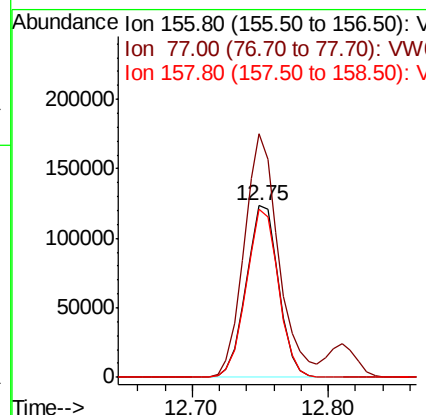
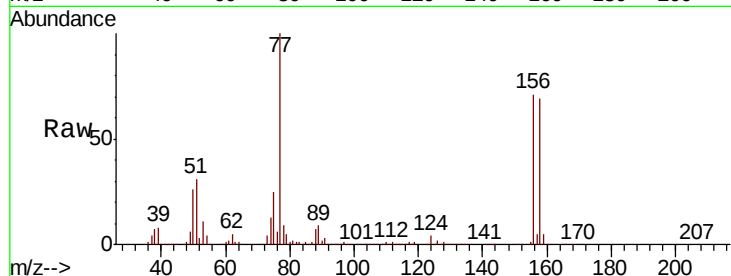
ClientSampleId :

ICVWV110918

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.9	75.4	226.3
158	97.4	48.7	146.1

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:04 PM



#78

n-propylbenzene

Concen: 52.574 ug/l

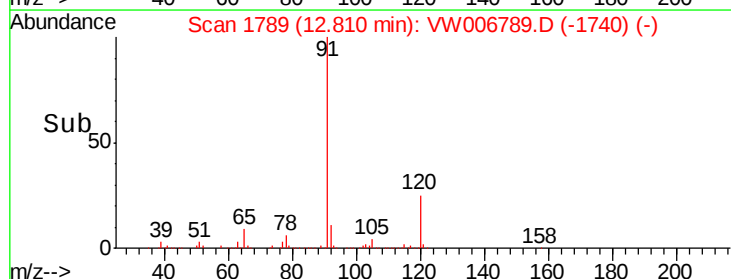
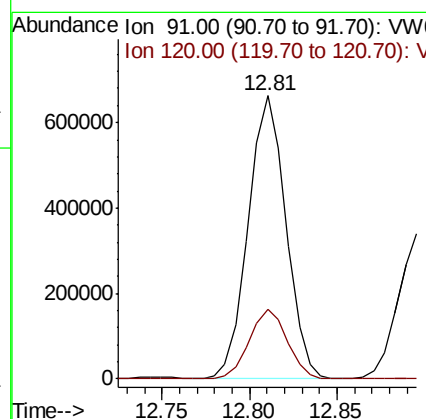
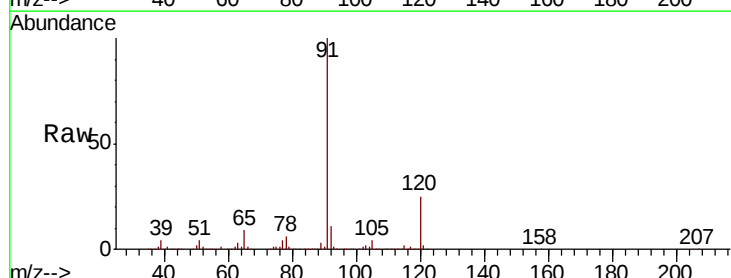
RT: 12.81 min Scan# 1789

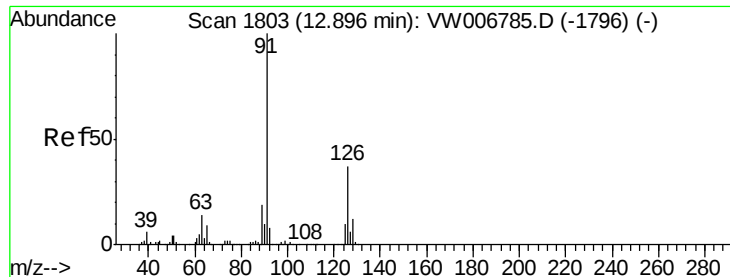
Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.4	37.0





#79

2-Chlorotoluene

Concen: 51.471 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

Tot Ion: 91 Resp: 547467

Ion Ratio Lower Upper

91 100

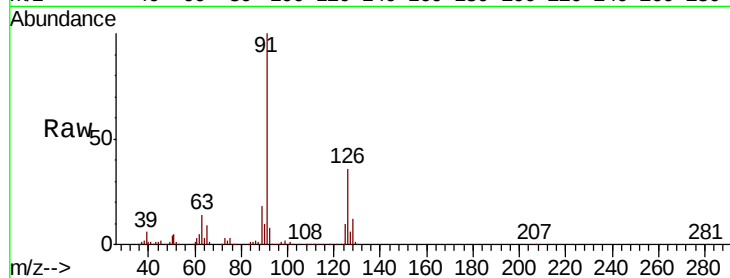
126 37.0 18.4 55.2

Manual Integrations

APPROVED

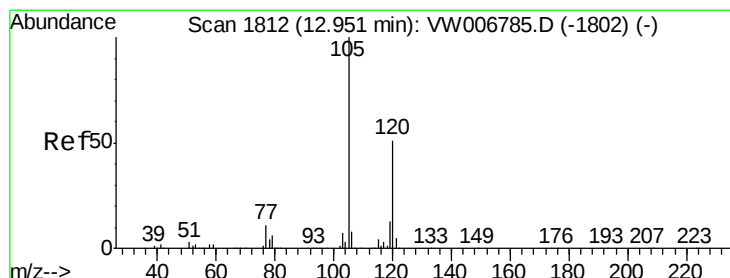
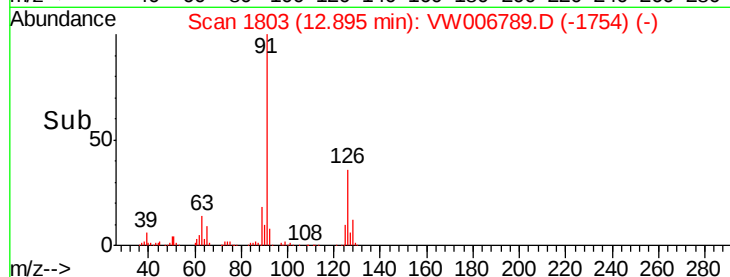
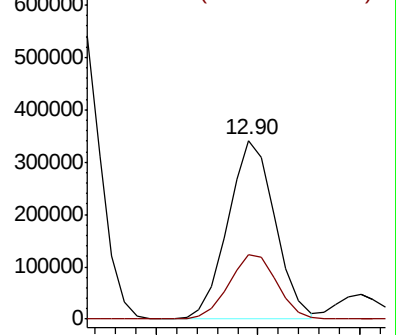
apatel

11/12/2018 3:41:04 PM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.138 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006789.D

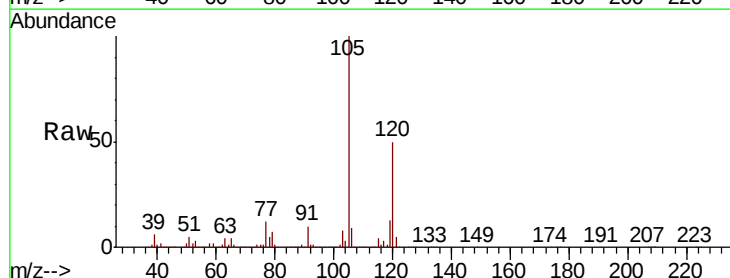
Acq: 09 Nov 2018 16:25

Tgt Ion:105 Resp: 717840

Ion Ratio Lower Upper

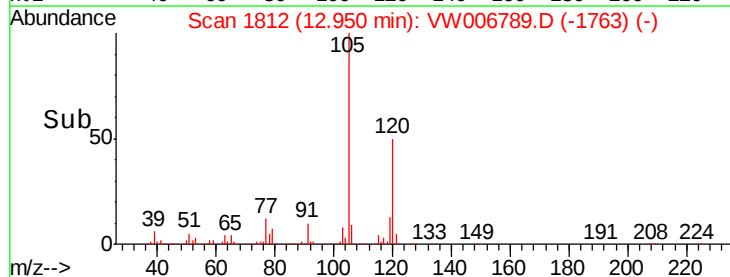
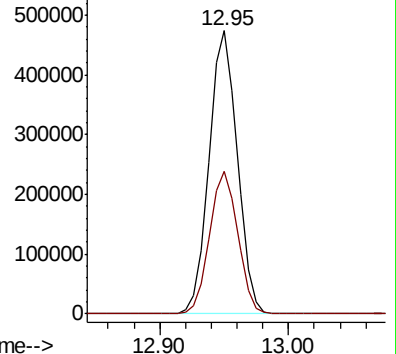
105 100

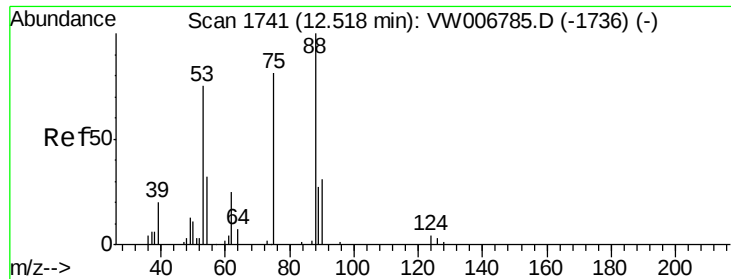
120 50.6 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.375 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

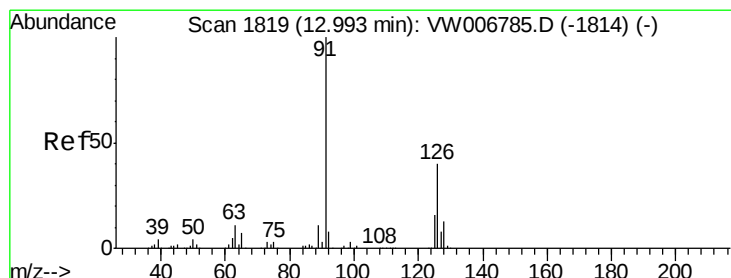
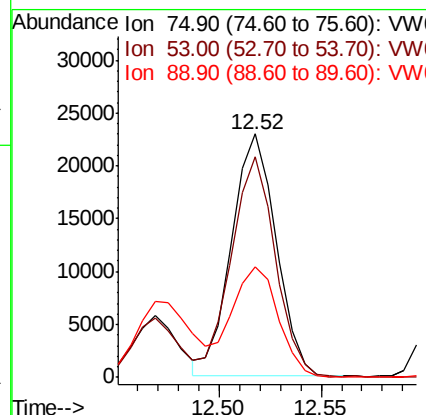
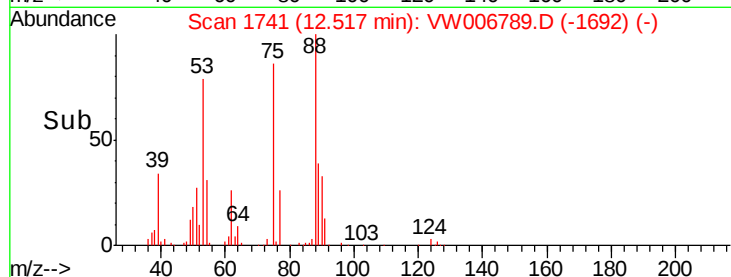
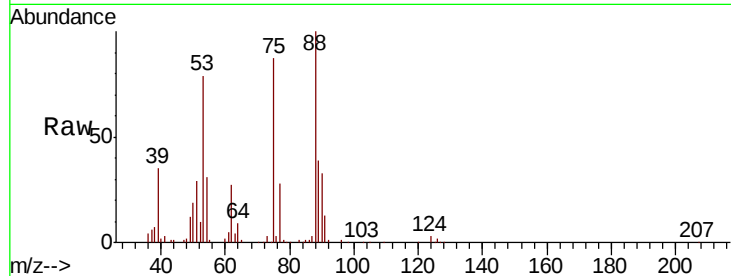
ClientSampleId :

ICVW110918

Tot Ion:	75	Resp:	34801
Ion	Ratio	Lower	Upper
75	100		
53	90.8	74.0	111.0
89	48.4	38.1	57.1

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:04 PM



#82

4-Chlorotoluene

Concen: 51.239 ug/l

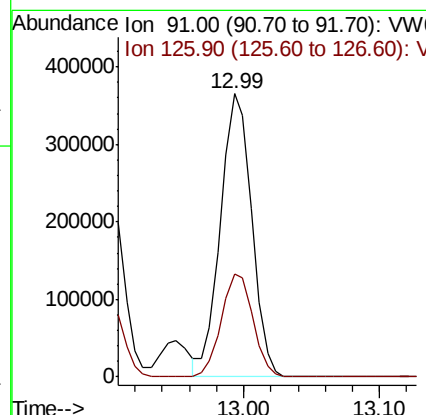
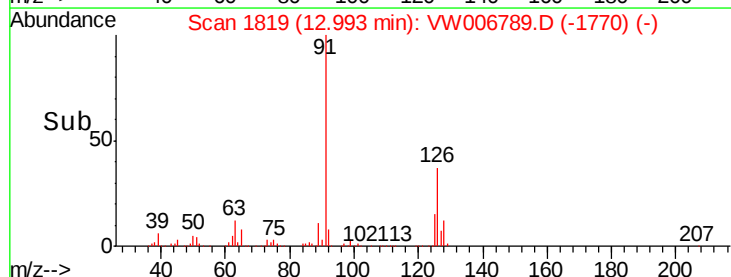
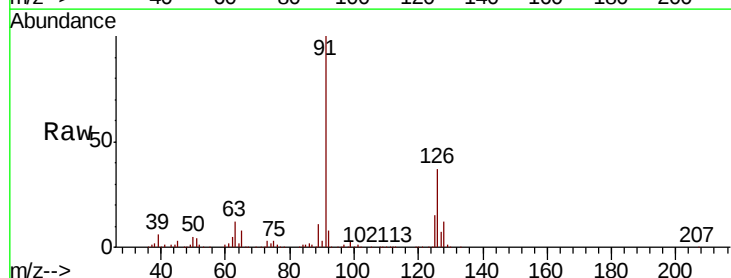
RT: 12.99 min Scan# 1819

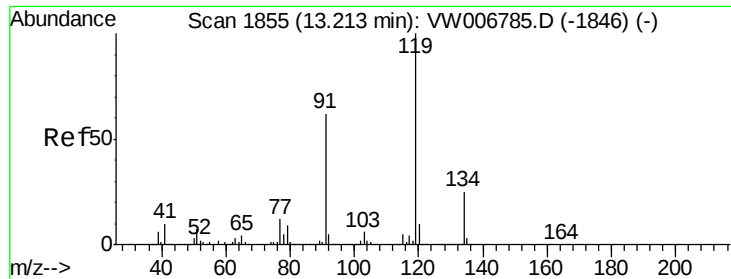
Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Tgt Ion:	91	Resp:	582477
Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.6	55.6





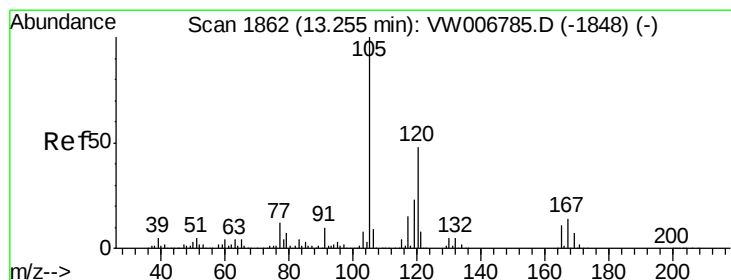
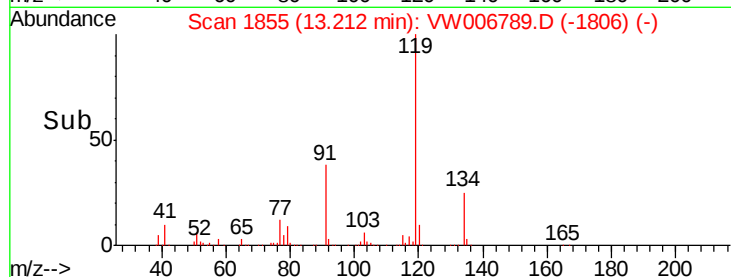
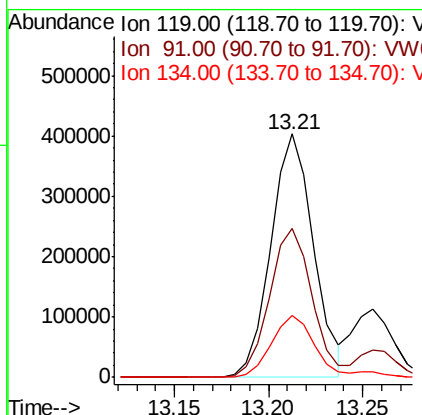
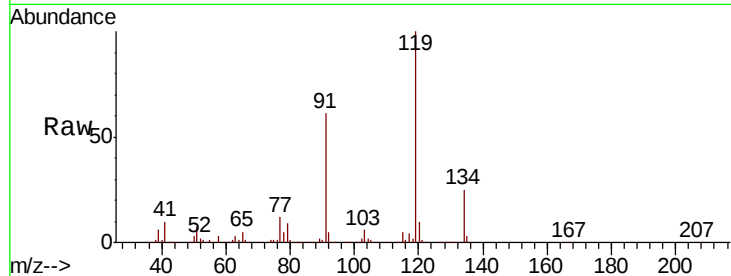
#83
tert-Butylbenzene
Concen: 53.086 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVW110918

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.7	30.4	91.2
134	27.0	13.6	40.7

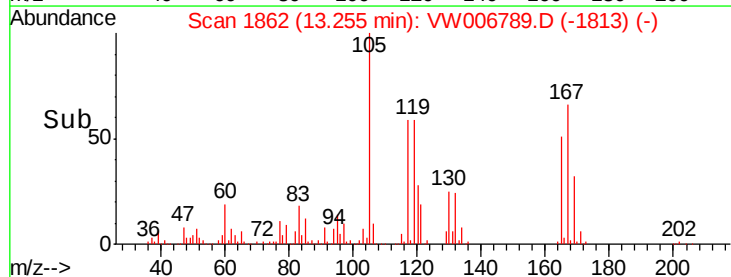
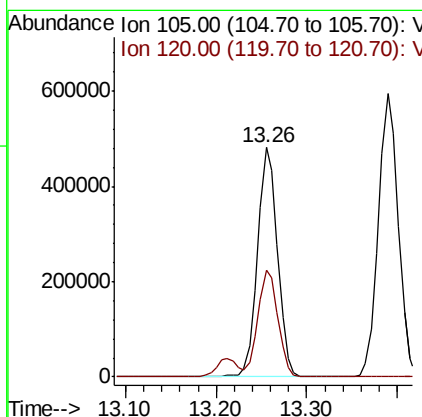
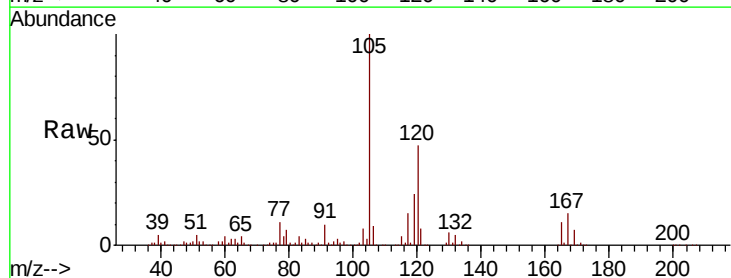
Manual Integrations
APPROVED

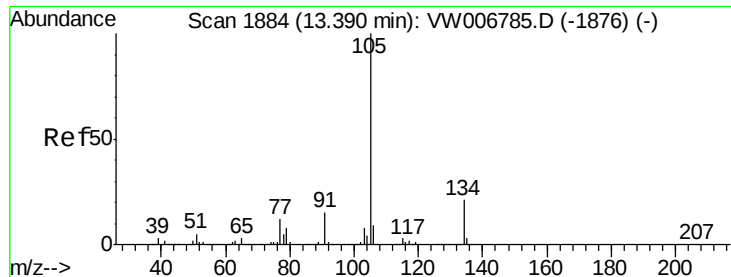
apatel
11/12/2018 3:41:04 PM



#84
1,2,4-Trimethylbenzene
Concen: 51.851 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.0





#85

sec-Butylbenzene

Concen: 52.965 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW110918

Tot Ion:105 Resp: 901814

Ion Ratio Lower Upper

105 100

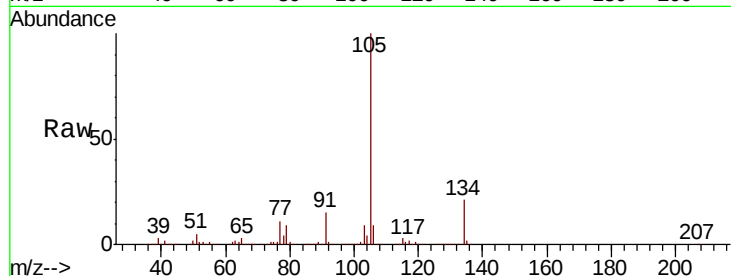
134 21.3 10.7 32.1

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:04 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

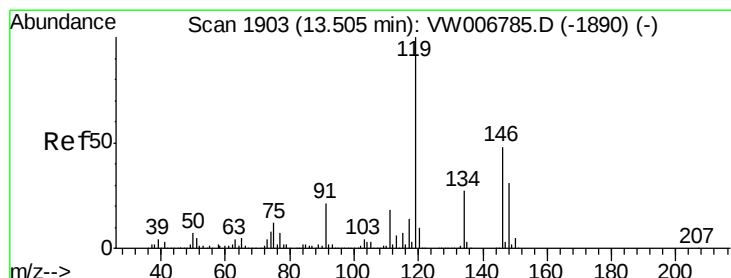
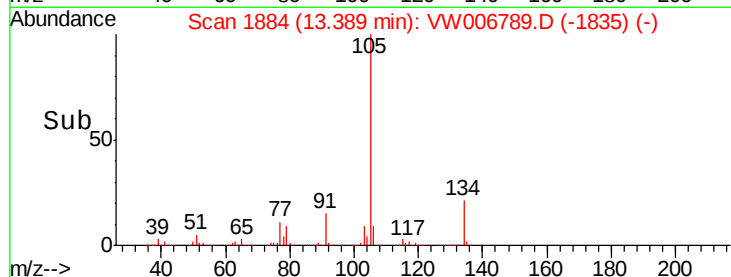
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.487 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

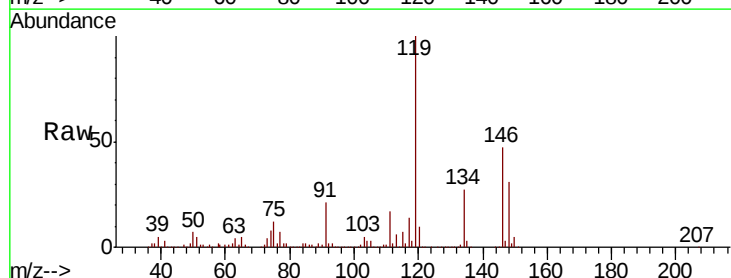
Tgt Ion:119 Resp: 830701

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 21.6 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

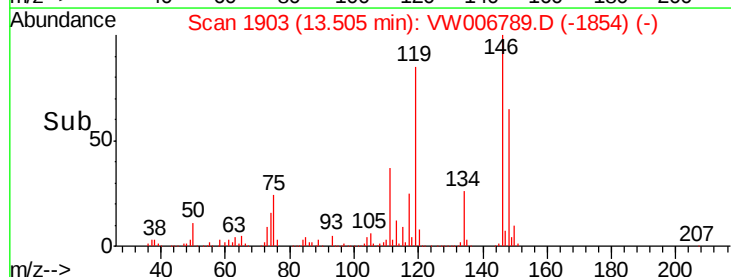
600000

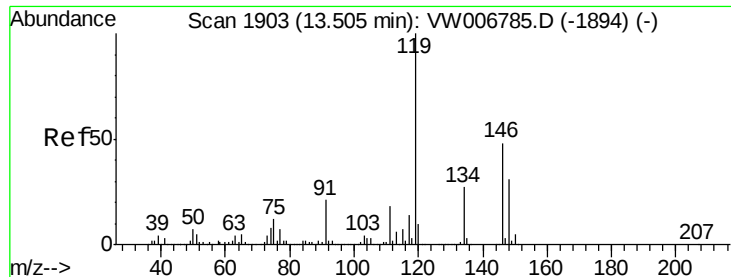
400000

200000

0

Time-->





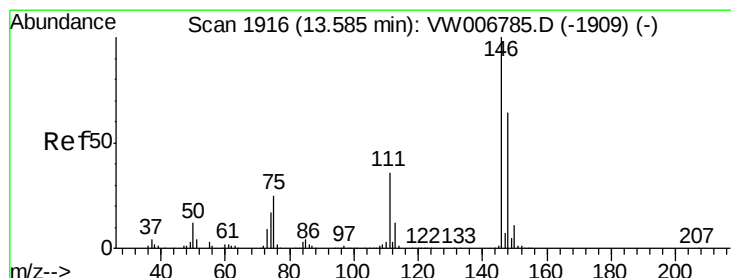
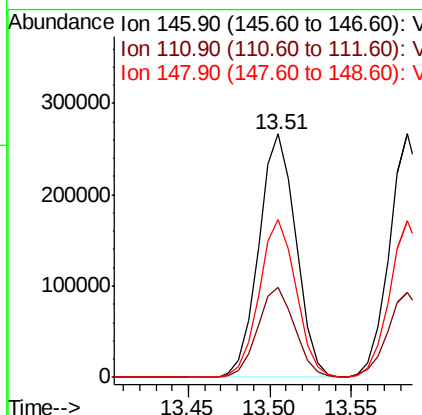
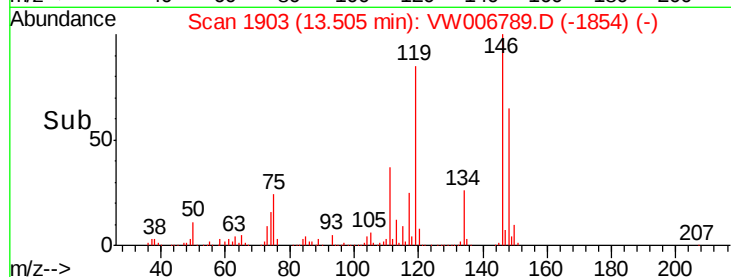
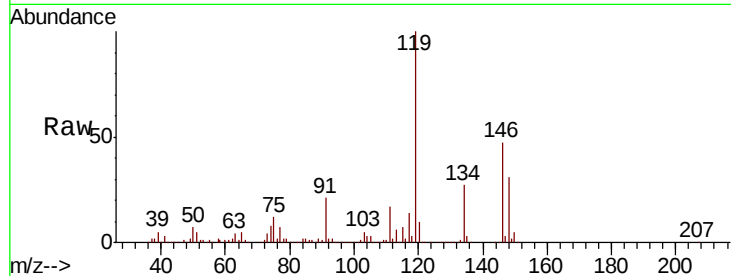
#87
 1,3-Dichlorobenzene
 Concen: 50.562 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.0
148	64.3	31.9	95.9

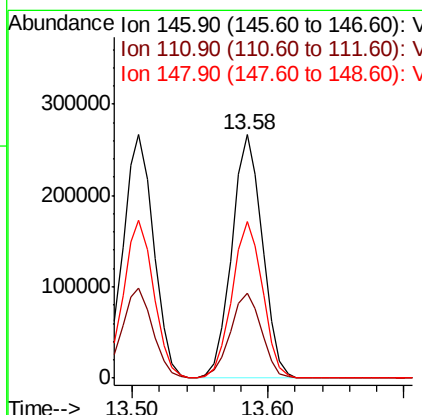
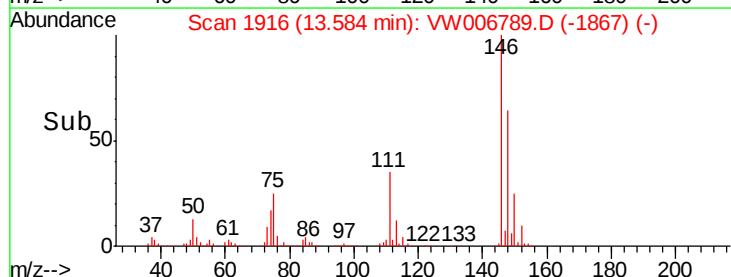
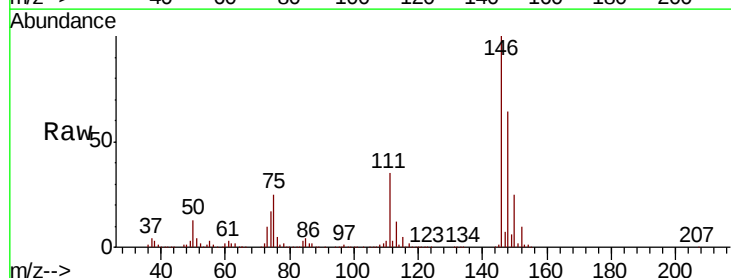
Manual Integrations
 APPROVED

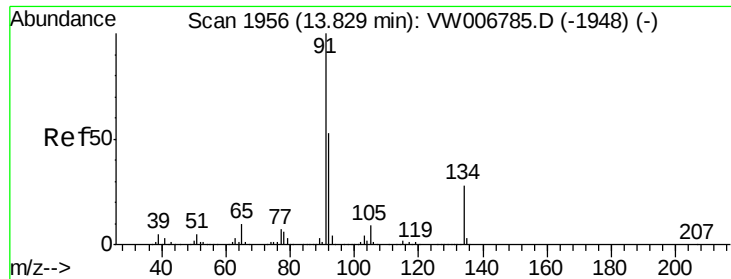
apatel
 11/12/2018 3:41:04 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.152 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.1	54.1
148	64.1	32.2	96.6





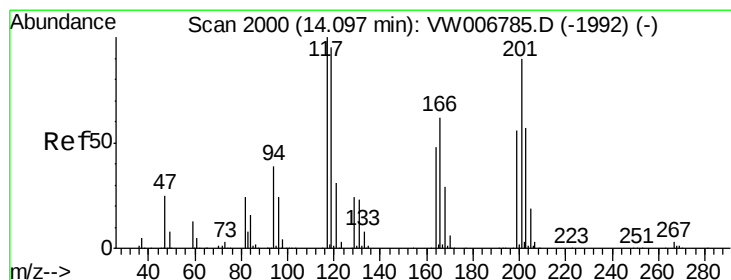
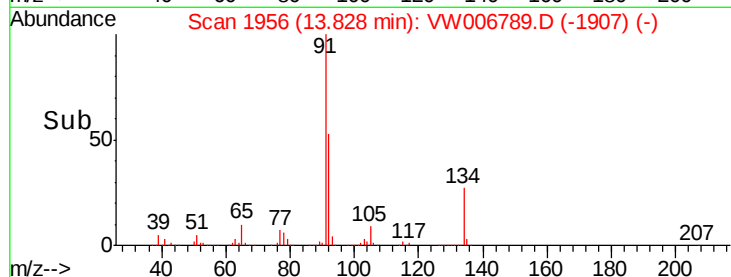
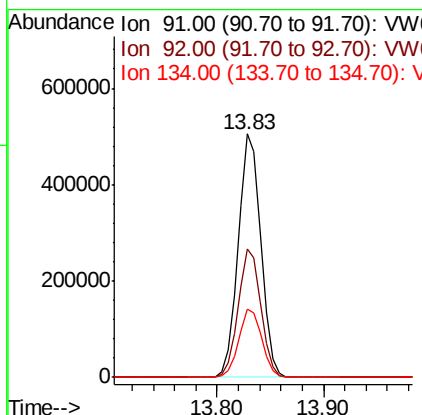
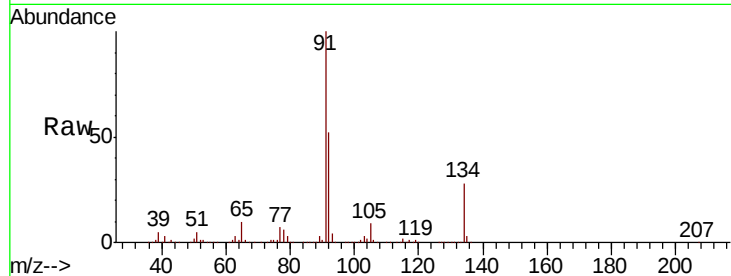
#89
n-Butylbenzene
Concen: 52.650 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.1	78.2
134	28.5	14.2	42.8

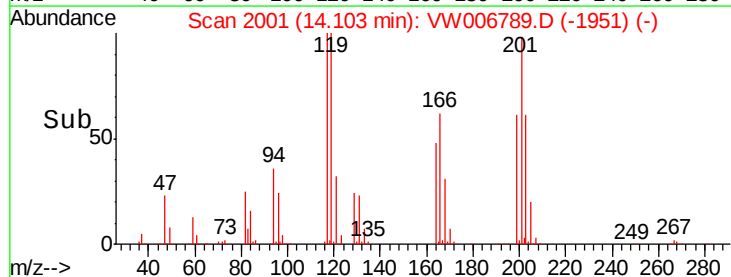
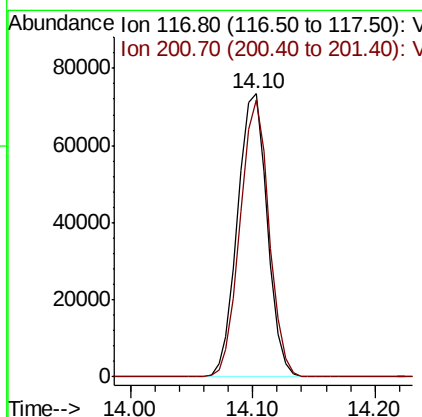
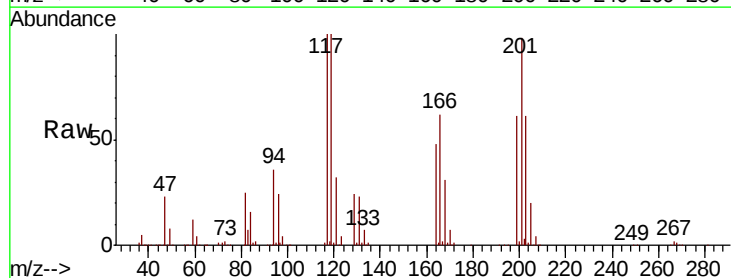
Manual Integrations
APPROVED

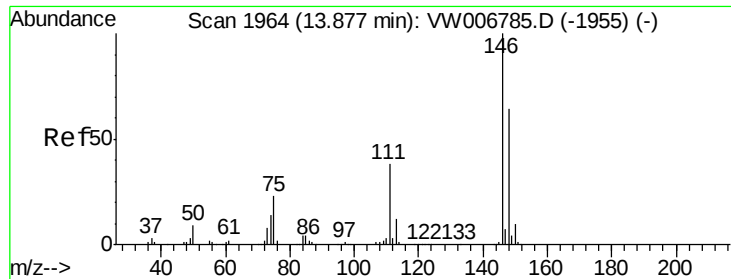
apatel
11/12/2018 3:41:04 PM



#90
Hexachloroethane
Concen: 50.903 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.9	47.0	141.2





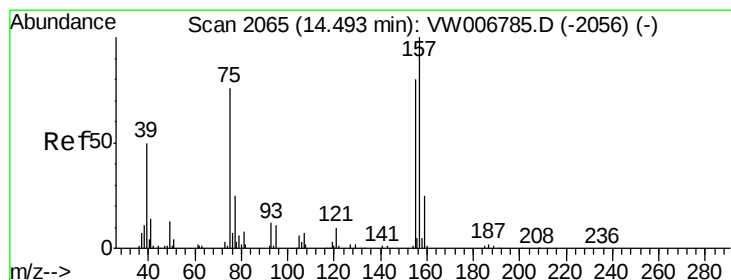
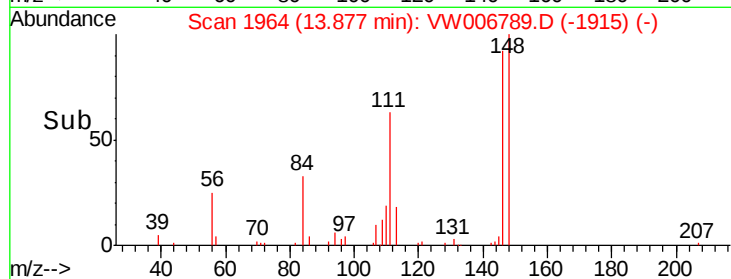
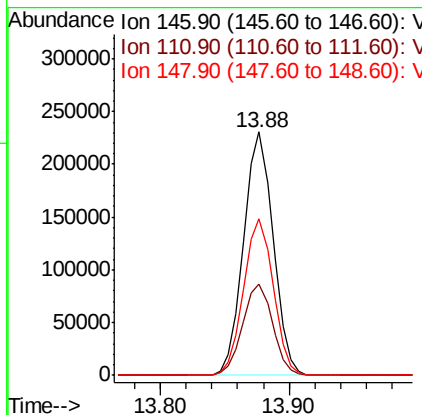
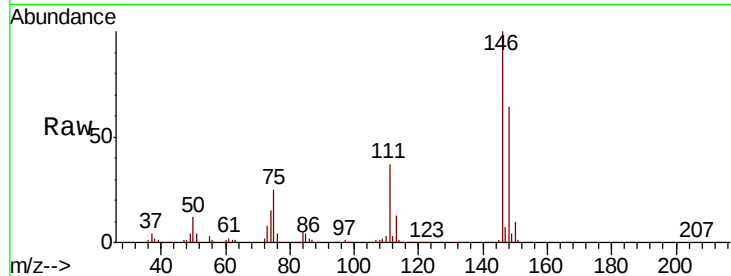
#91
 1,2-Dichlorobenzene
 Concen: 50.065 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.3
148	64.6	32.0	96.2

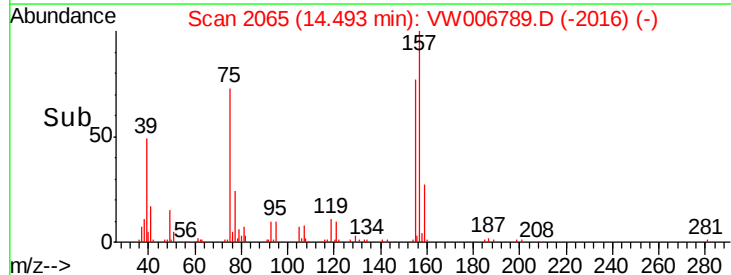
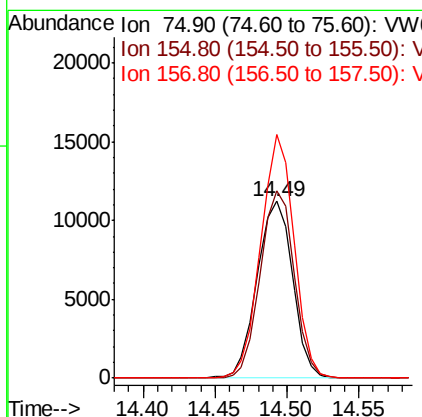
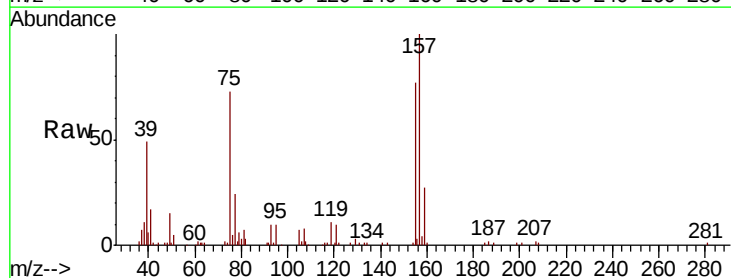
Manual Integrations
 APPROVED

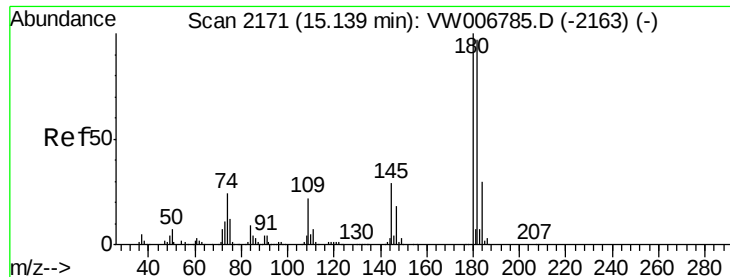
apatel
 11/12/2018 3:41:04 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.161 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.2	51.0	153.1
157	128.6	65.5	196.5





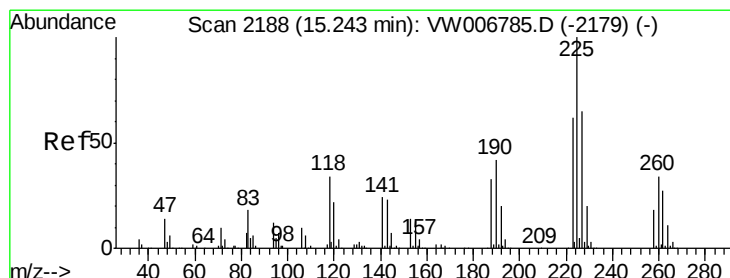
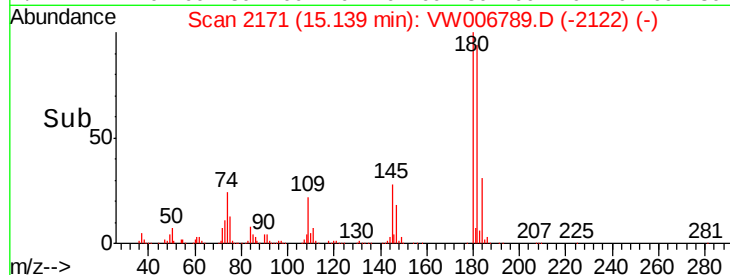
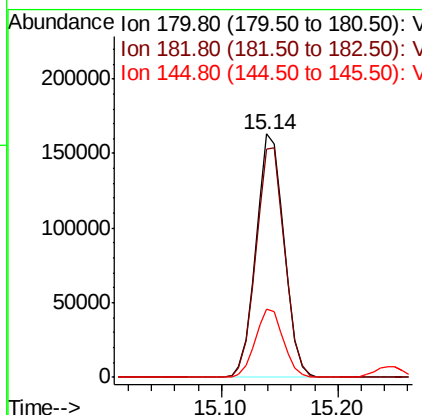
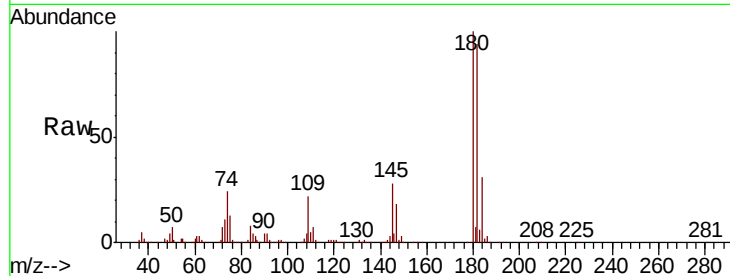
#93
 1,2,4-Trichlorobenzene
 Concen: 50.701 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

Tot Ion	Ratio	Resp	Lower	Upper
180	100	274083		
182	96.1	47.9	143.8	
145	28.2	14.1	42.3	

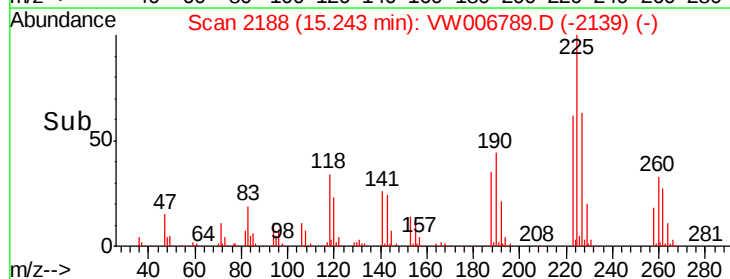
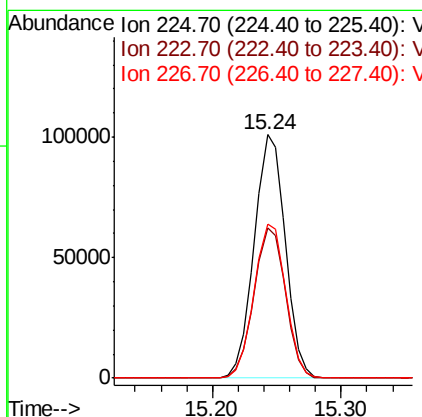
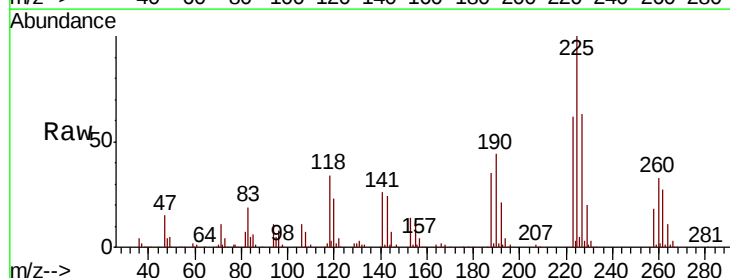
Manual Integrations
 APPROVED

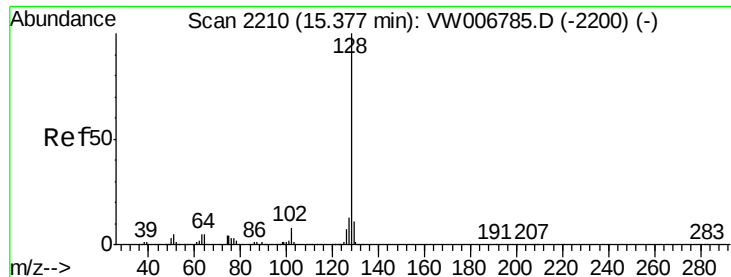
apatel
 11/12/2018 3:41:04 PM



#94
 Hexachlorobutadiene
 Concen: 49.340 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	167861		
223	62.6	30.9	92.5	
227	64.3	31.9	95.7	





#95

Naphthalene

Concen: 52.776 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

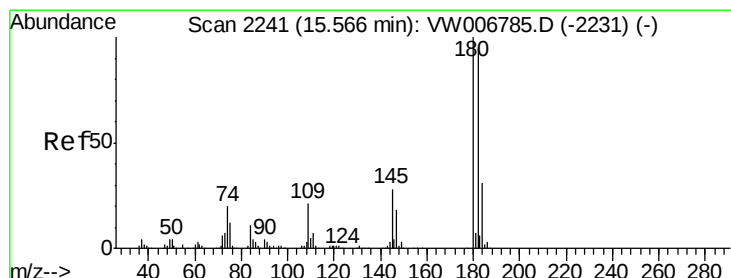
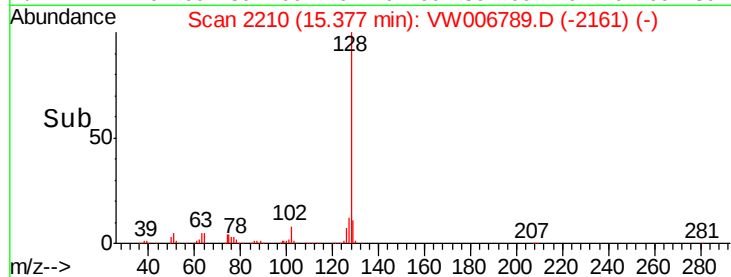
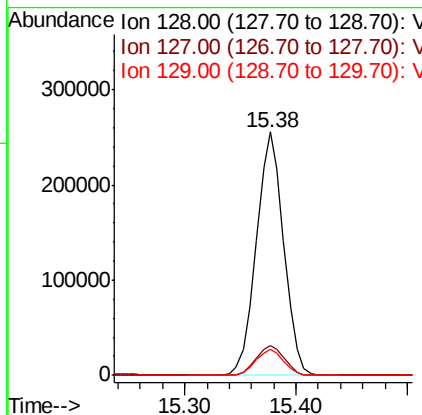
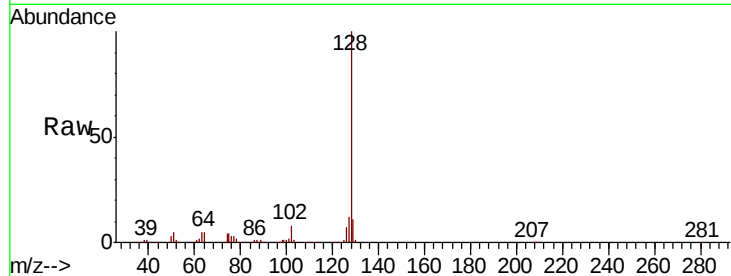
ClientSampleId :

ICVW110918

Tot Ion:	128	Resp:	436540
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:04 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.994 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Tgt Ion:	180	Resp:	233781
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.8	143.4
145	29.4	14.5	43.6

