

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006709.D
 Acq On : 07 Nov 2018 02:54
 Operator : SY/AP
 Sample : VW1106SBS02
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Manual Integrations
 APPROVED

apatel
 11/7/2018 2:06:29 PM

Quant Time: Nov 07 12:26:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	103860	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
35) Dibromofluoromethane	7.88	113	109896	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
50) Toluene-d8	10.32	98	404077	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.62	95	149086	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27457	23.314	ug/l	94
3) Chloromethane	2.21	50	32914	22.587	ug/l	97
4) Vinyl Chloride	2.37	62	46048	22.632	ug/l	99
5) Bromomethane	2.78	94	39622	23.204	ug/l	94
6) Chloroethane	2.92	64	32374	22.772	ug/l	99
7) Trichlorofluoromethane	3.26	101	38579	21.472	ug/l	98
8) Diethyl Ether	3.68	74	21174	21.559	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43602	22.726	ug/l	98
10) Methyl Iodide	4.26	142	74067	21.291	ug/l	99
11) Tert butyl alcohol	5.24	59	11236m	106.787	ug/l	
12) 1,1-Dichloroethene	4.03	96	41073	22.165	ug/l	96
13) Acrolein	3.90	56	10297	77.809	ug/l	96
14) Allyl chloride	4.66	41	53301	22.035	ug/l	99
15) Acrylonitrile	5.38	53	42131	119.634	ug/l	99
16) Acetone	4.15	43	36811	116.753	ug/l	100
17) Carbon Disulfide	4.37	76	116279	22.050	ug/l	98
18) Methyl Acetate	4.68	43	21463	23.674	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	62045	22.494	ug/l	98
20) Methylene Chloride	4.90	84	50636	21.360	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	47859	22.824	ug/l	99
22) Diisopropyl ether	6.31	45	115091	22.823	ug/l	97
23) Vinyl Acetate	6.26	43	323594	115.715	ug/l	99
24) 1,1-Dichloroethane	6.21	63	78598	22.997	ug/l	100
25) 2-Butanone	7.18	43	54377	120.863	ug/l	99
26) 2,2-Dichloropropane	7.17	77	45115	21.914	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	53055	22.616	ug/l	100
28) Bromochloromethane	7.51	49	30457	22.443	ug/l	97
29) Tetrahydrofuran	7.54	42	33283	117.616	ug/l	99
30) Chloroform	7.68	83	87029	23.226	ug/l	97
31) Cyclohexane	7.96	56	65479	21.050	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	70747	22.313	ug/l	99
36) 1,1-Dichloropropene	8.09	75	63983	22.156	ug/l	100
37) Ethyl Acetate	7.26	43	24413	24.394	ug/l	99
38) Carbon Tetrachloride	8.07	117	67711	22.439	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006709.D
 Acq On : 07 Nov 2018 02:54
 Operator : SY/AP
 Sample : VW1106SBS02
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1106SBS02

Manual Integrations
 APPROVED

apatel
 11/7/2018 2:06:29 PM

Quant Time: Nov 07 12:26:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79087	21.580	ug/l	99
40) Benzene	8.32	78	190231	23.191	ug/l	99
41) Methacrylonitrile	7.49	41	13387	21.815	ug/l	93
42) 1,2-Dichloroethane	8.40	62	54868	23.324	ug/l	100
43) Isopropyl Acetate	8.43	43	47081	23.576	ug/l	99
44) Trichloroethene	9.09	130	56563	22.346	ug/l	94
45) 1,2-Dichloropropane	9.37	63	44936	23.540	ug/l	98
46) Dibromomethane	9.46	93	26214	23.361	ug/l	99
47) Bromodichloromethane	9.65	83	61063	23.436	ug/l	99
48) Methyl methacrylate	9.44	41	22503	23.388	ug/l	97
49) 1,4-Dioxane	9.48	88	7705	469.183	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	124190	121.086	ug/l	98
52) Toluene	10.39	92	125127	22.744	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57419	22.899	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	67650	22.830	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38084	23.920	ug/l	96
56) Ethyl methacrylate	10.65	69	40611	22.442	ug/l	98
57) 1,3-Dichloropropane	10.93	76	60804	23.519	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	100647	114.414	ug/l	100
59) 2-Hexanone	10.98	43	83145	119.358	ug/l	98
60) Dibromochloromethane	11.13	129	44565	23.625	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37014	23.411	ug/l	99
64) Tetrachloroethene	10.87	164	54523	21.878	ug/l	98
65) Chlorobenzene	11.66	112	148194	22.526	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	51883	22.437	ug/l	99
67) Ethyl Benzene	11.74	91	242176	22.024	ug/l	99
68) m/p-Xylenes	11.84	106	196575	44.745	ug/l	99
69) o-Xylene	12.17	106	90642	21.672	ug/l	97
70) Styrene	12.18	104	152675	22.390	ug/l	100
71) Bromoform	12.35	173	28809	23.503	ug/l #	100
73) Isopropylbenzene	12.47	105	251107	21.125	ug/l	100
74) N-amyl acetate	12.28	43	44767	21.794	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	43915	23.391	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	33147m	23.544	ug/l	
77) Bromobenzene	12.75	156	66805	21.707	ug/l	98
78) n-propylbenzene	12.81	91	298104	21.803	ug/l	100
79) 2-Chlorotoluene	12.90	91	169663	21.623	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	215942	21.624	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10730	21.348	ug/l	98
82) 4-Chlorotoluene	12.99	91	181441	21.857	ug/l	99
83) tert-Butylbenzene	13.21	119	186257	20.915	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	222614	21.733	ug/l	99
85) sec-Butylbenzene	13.39	105	267055	21.411	ug/l	100
86) p-Isopropyltoluene	13.51	119	241231	21.255	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	134588	22.206	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	133810	22.272	ug/l	99
89) n-Butylbenzene	13.83	91	218948	21.733	ug/l	99
90) Hexachloroethane	14.10	117	40121	21.509	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	121084	22.209	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6769	22.220	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
Data File : VW006709.D
Acq On : 07 Nov 2018 02:54
Operator : SY/AP
Sample : VW1106SBSD02
Misc : 5.07G/5ML/MSVOA W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBSD02

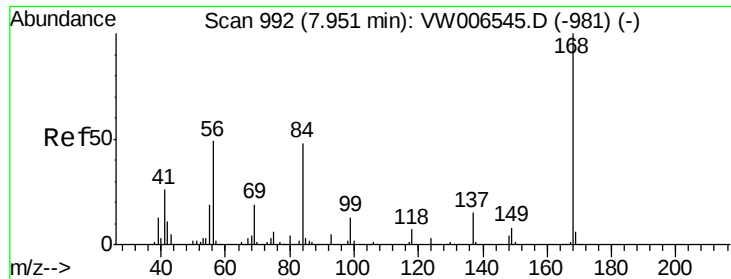
Manual Integrations
APPROVED

apatel
11/7/2018 2:06:29 PM

Quant Time: Nov 07 12:26:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	88693	21.878	ug/l	98
94) Hexachlorobutadiene	15.24	225	53575	21.204	ug/l	99
95) Naphthalene	15.38	128	143596	22.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	78573	22.053	ug/l	99

(#) = 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. 0.00 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion:168 Resp: 227185

Ion Ratio Lower Upper

168 100

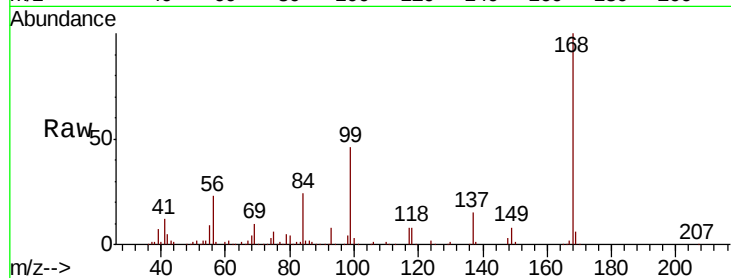
99 45.9 37.4 56.0

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:29 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

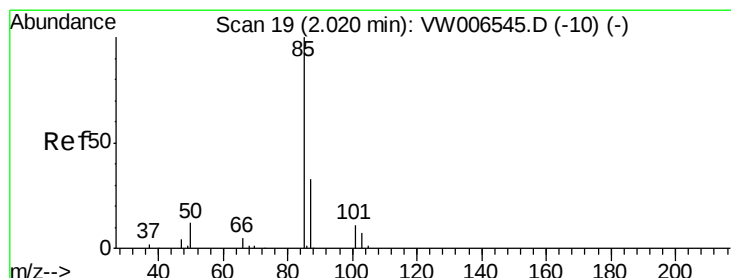
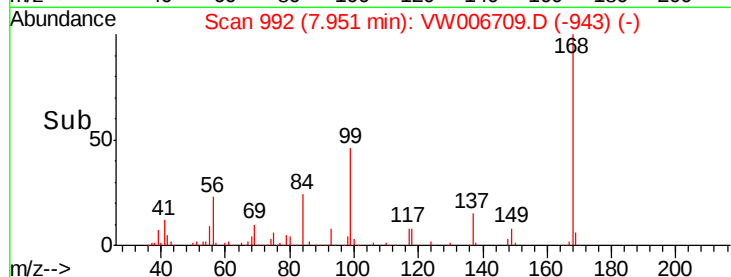
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 23.314 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006709.D

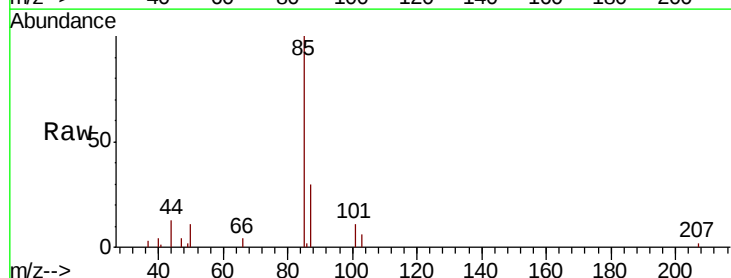
Acq: 07 Nov 2018 02:54

Tgt Ion: 85 Resp: 27457

Ion Ratio Lower Upper

85 100

87 30.1 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

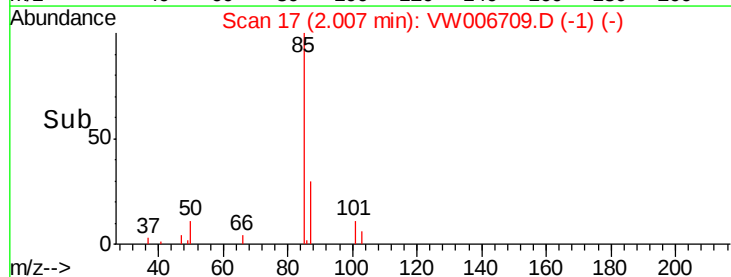
4000

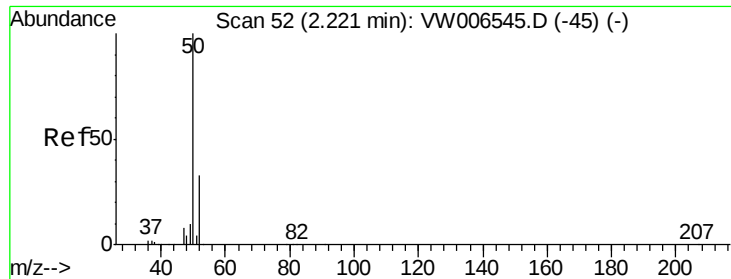
2000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 22.587 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBSD02

Tot Ion: 50 Resp: 32914

Ion Ratio Lower Upper

50 100

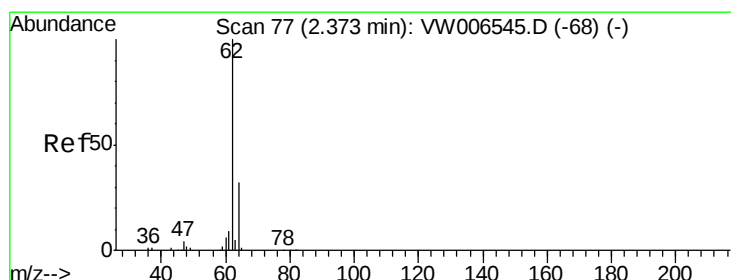
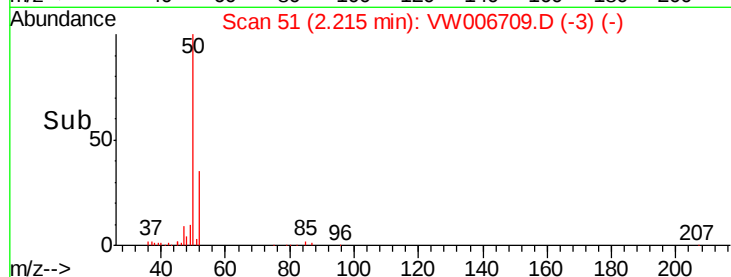
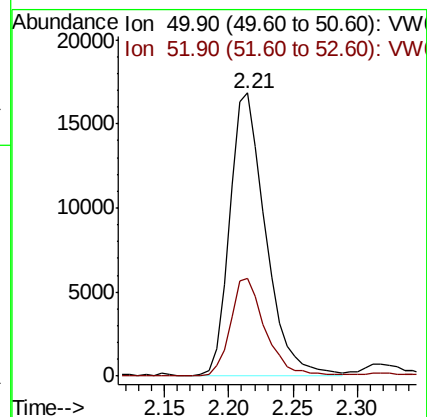
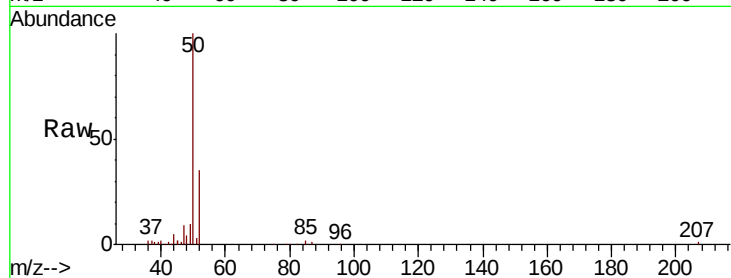
52 34.7 26.2 39.4

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:29 PM



#4

Vinyl Chloride

Concen: 22.632 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006709.D

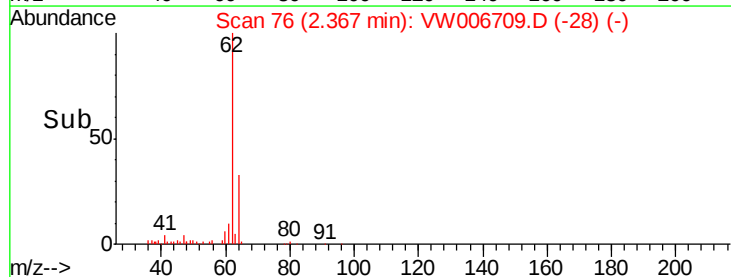
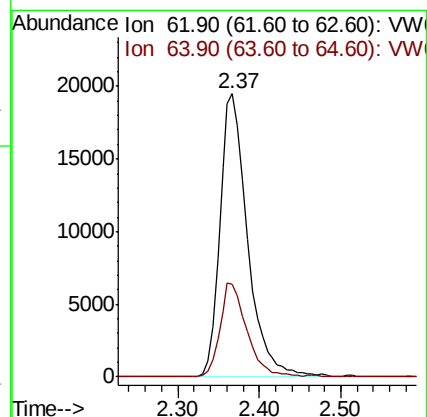
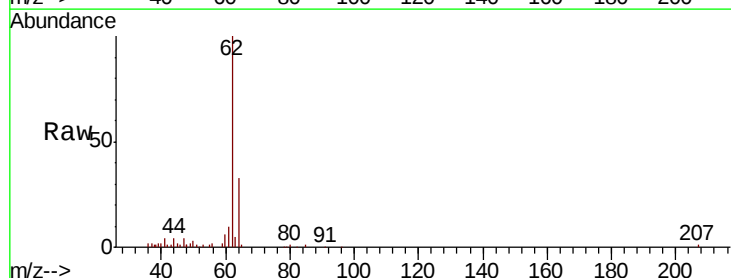
Acq: 07 Nov 2018 02:54

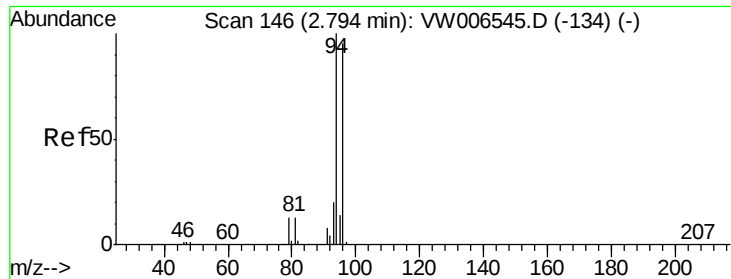
Tgt Ion: 62 Resp: 46048

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 23.204 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBSD02

Tot Ion: 94 Resp: 39622

Ion Ratio Lower Upper

94 100

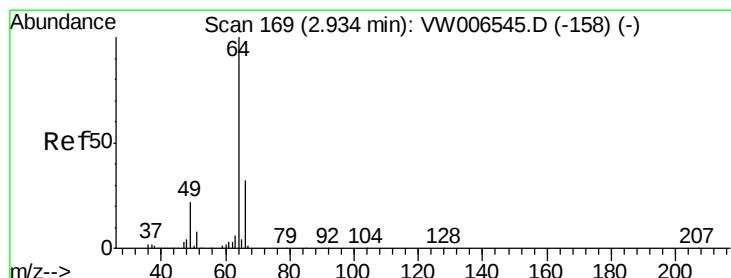
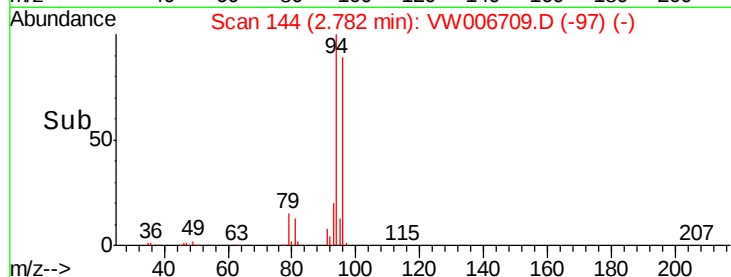
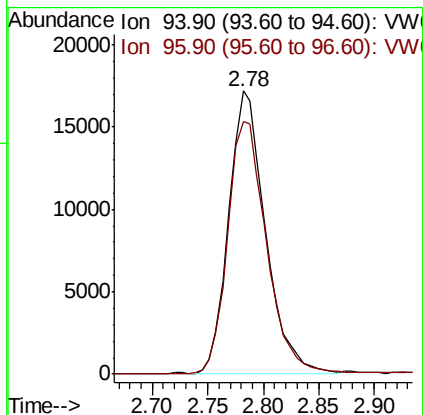
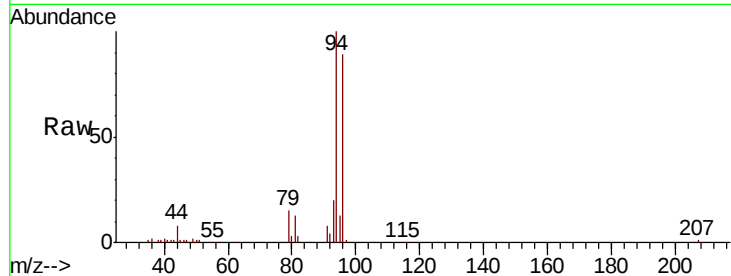
96 89.3 75.7 113.5

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:29 PM



#6

Chloroethane

Concen: 22.772 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006709.D

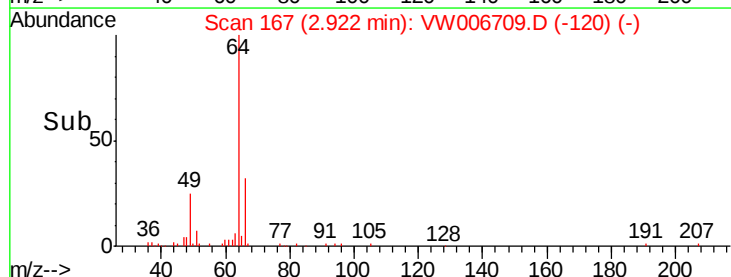
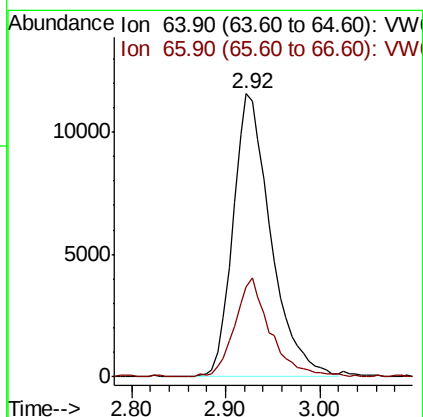
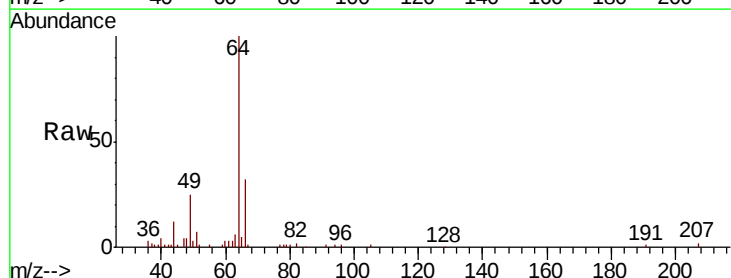
Acq: 07 Nov 2018 02:54

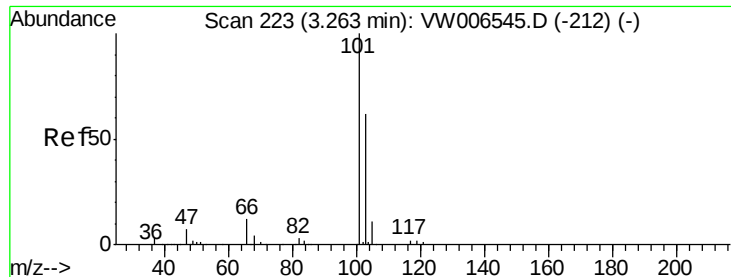
Tgt Ion: 64 Resp: 32374

Ion Ratio Lower Upper

64 100

66 31.7 25.9 38.9





#7

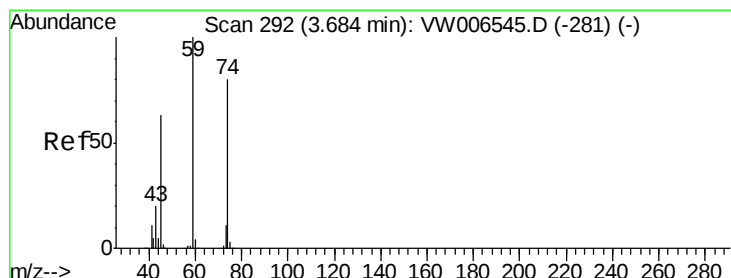
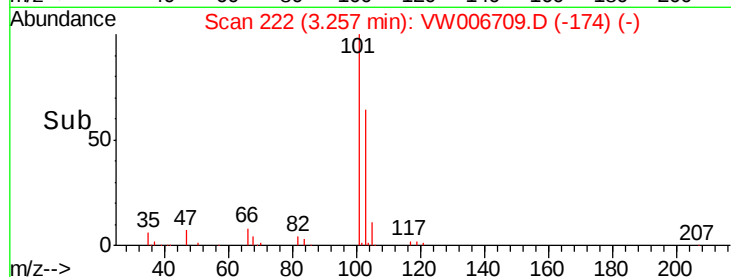
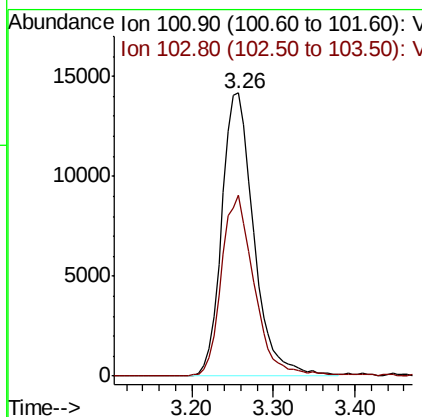
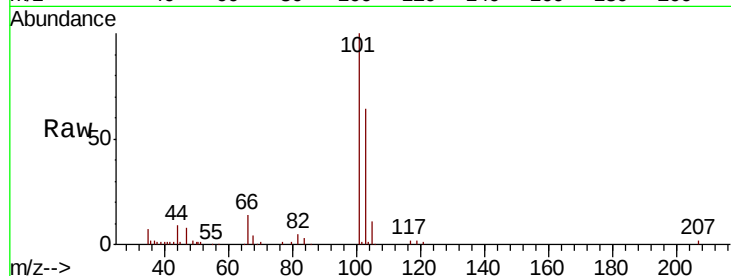
Trichlorofluoromethane
Concen: 21.472 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	49.8	74.8

Manual Integrations
APPROVED

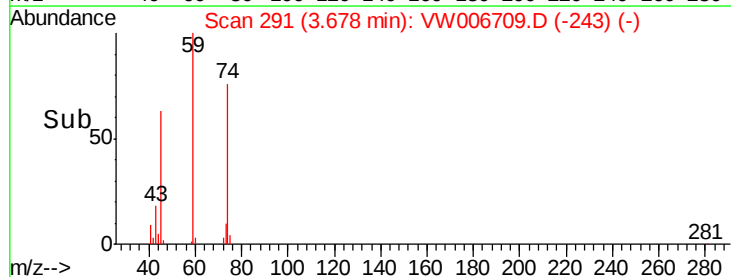
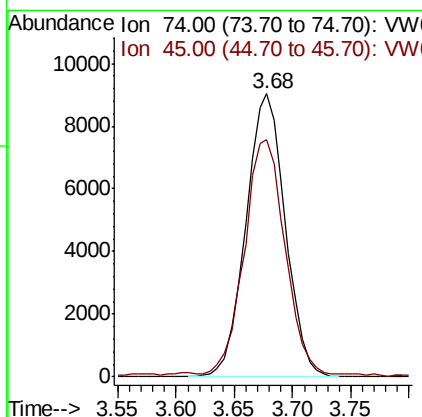
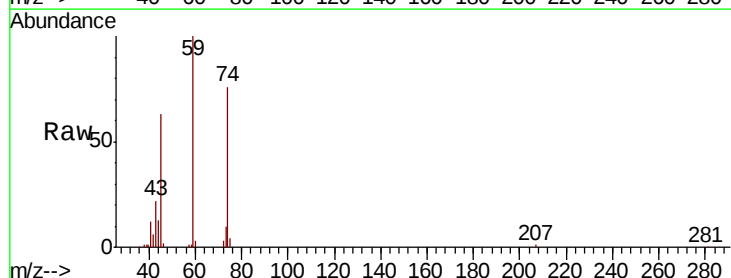
apatel
11/7/2018 2:06:29 PM

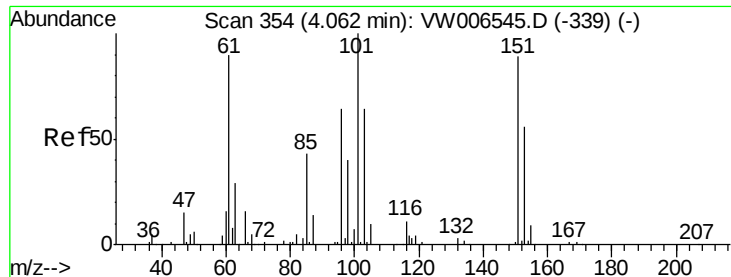


#8

Diethyl Ether
Concen: 21.559 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.0	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.726 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

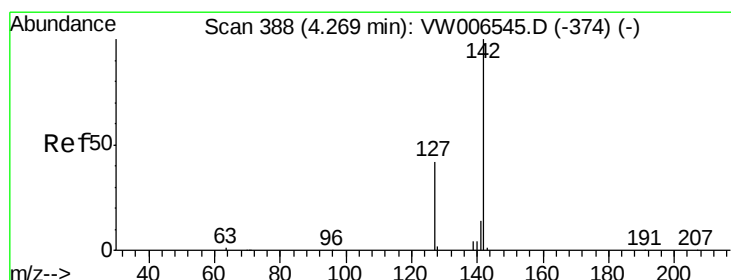
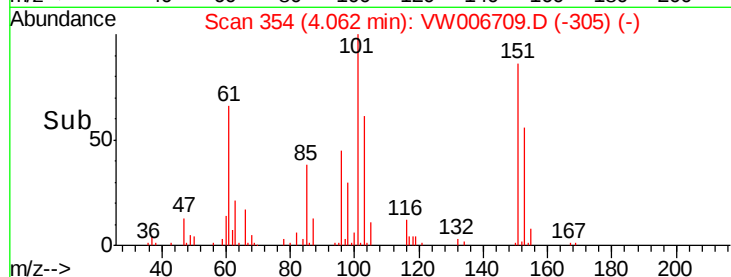
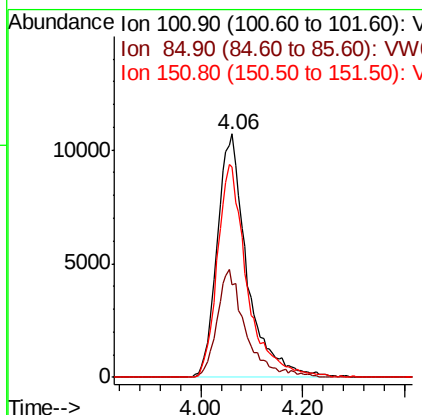
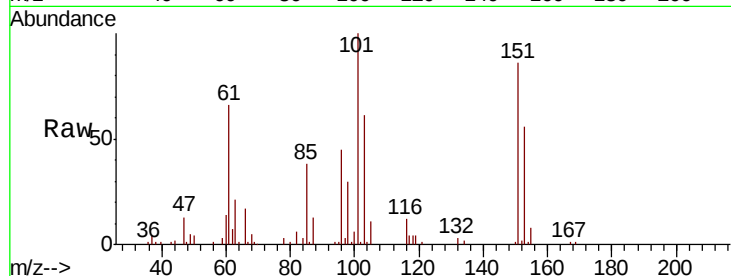
ClientSampleId :

VW1106SBS02

Tot Ion:	101	Resp:	43602
Ion Ratio	Lower	Upper	
101	100		
85	40.7	34.2	51.2
151	86.7	70.7	106.1

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:29 PM



#10

Methyl Iodide

Concen: 21.291 ug/l

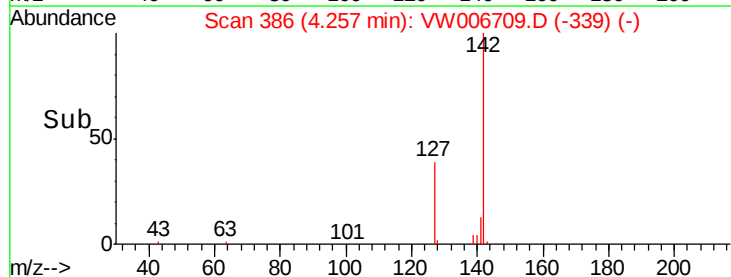
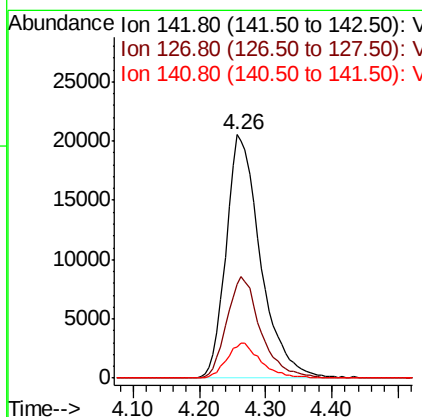
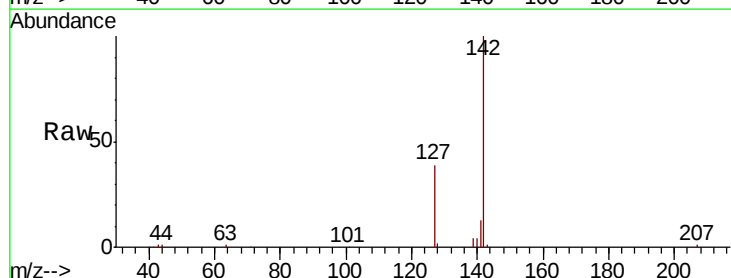
RT: 4.26 min Scan# 386

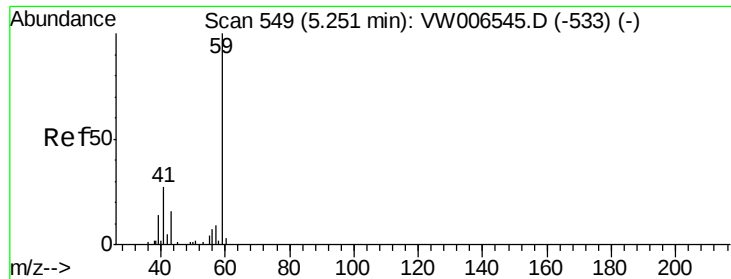
Delta R.T. -0.01 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Tgt Ion:	142	Resp:	74067
Ion Ratio	Lower	Upper	
142	100		
127	40.9	32.3	48.5
141	14.0	11.3	16.9





#11

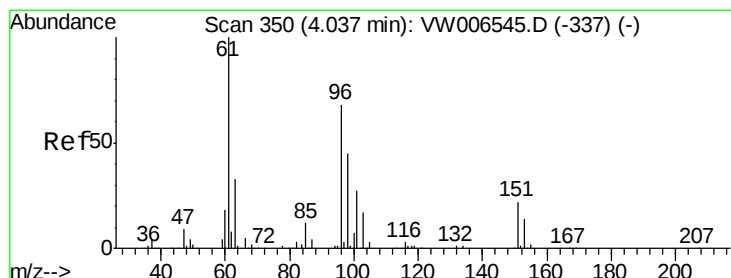
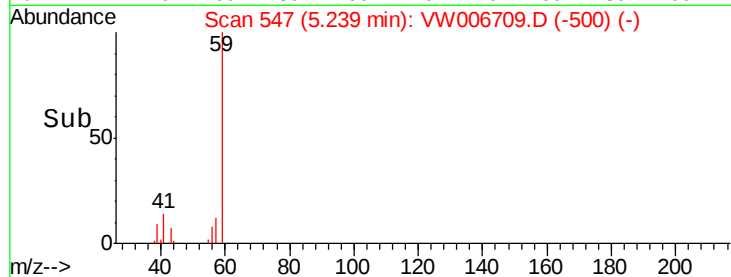
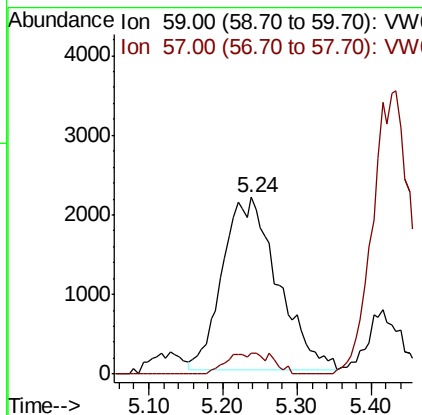
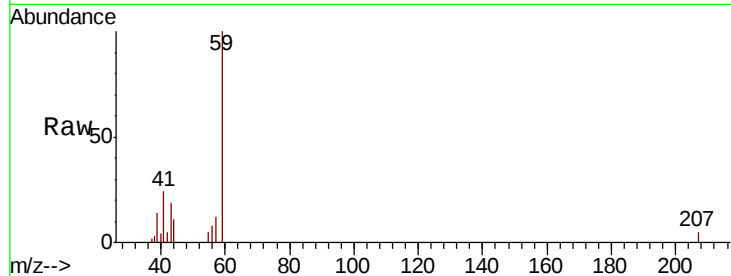
Tert butyl alcohol
Concen: 106.787 ug/l m
RT: 5.24 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.9	4.3	6.5

Manual Integrations
APPROVED

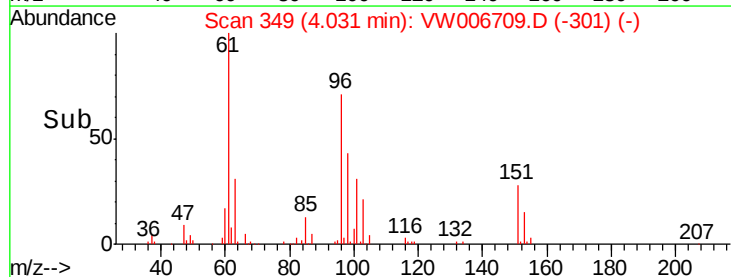
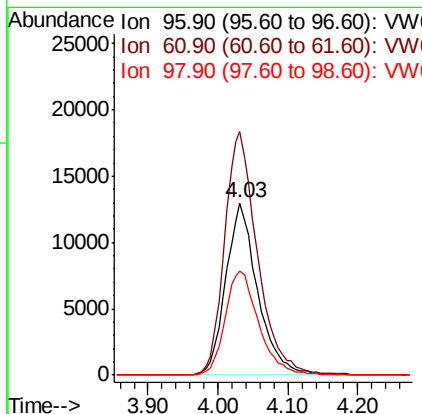
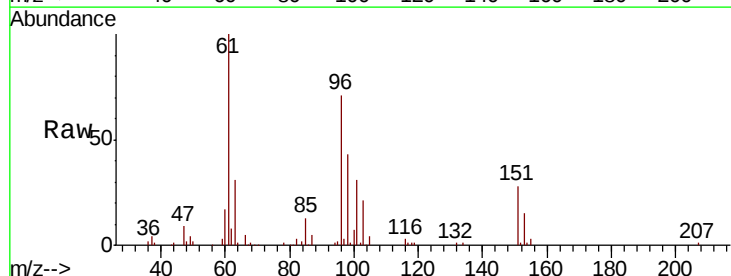
apatel
11/7/2018 2:06:29 PM

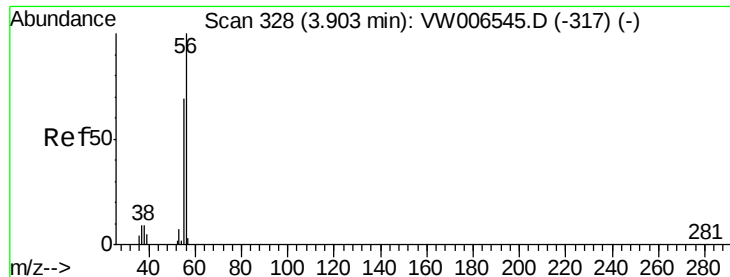


#12

1,1-Dichloroethene
Concen: 22.165 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.6	117.0	175.4
98	60.7	52.5	78.7





#13

Acrolein

Concen: 77.809 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion: 56 Resp: 10297

Ion Ratio Lower Upper

56 100

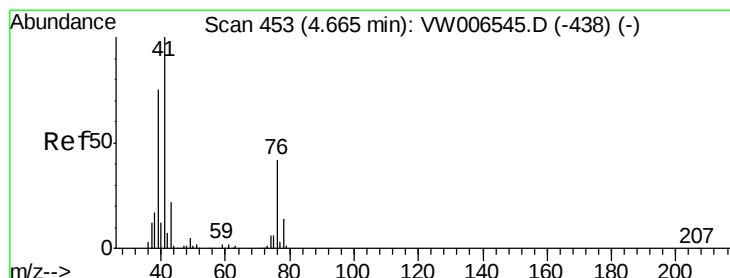
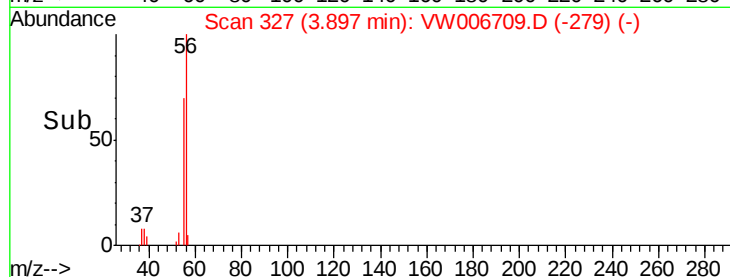
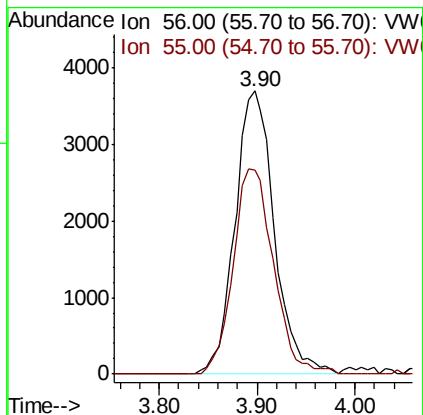
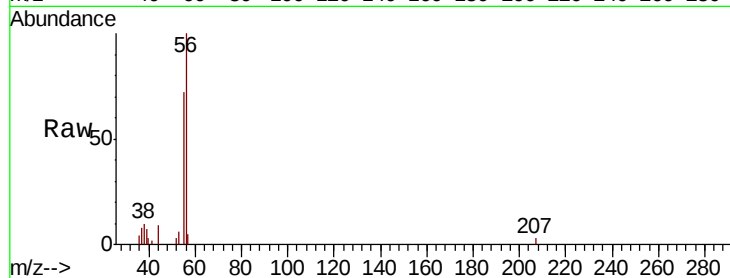
55 74.6 56.9 85.3

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:29 PM



#14

Allyl chloride

Concen: 22.035 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

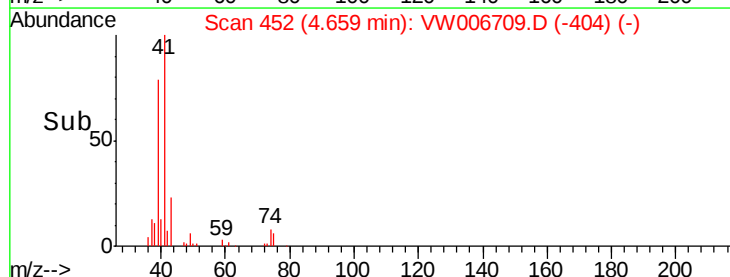
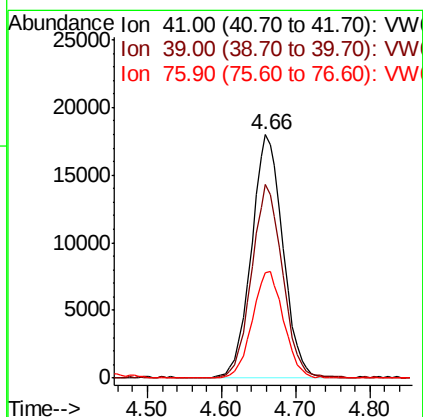
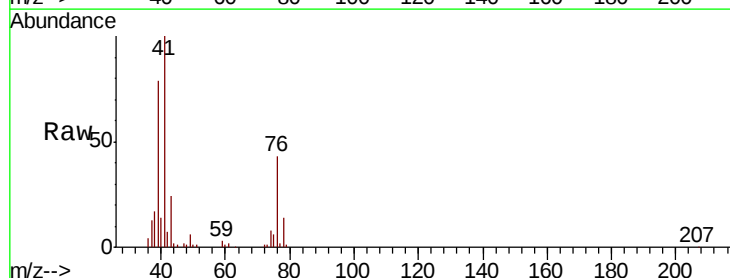
Tgt Ion: 41 Resp: 53301

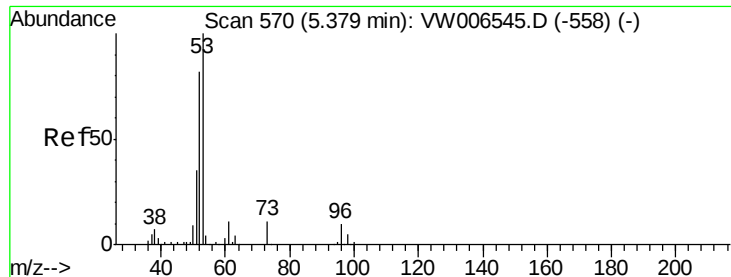
Ion Ratio Lower Upper

41 100

39 78.2 62.1 93.1

76 43.4 34.2 51.2





#15

Acrylonitrile

Concen: 119.634 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

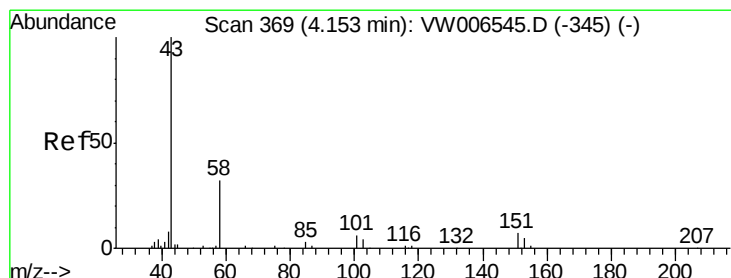
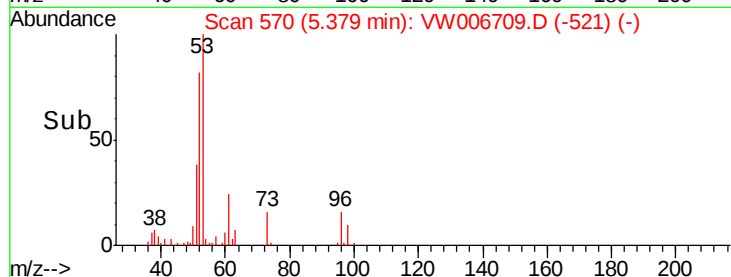
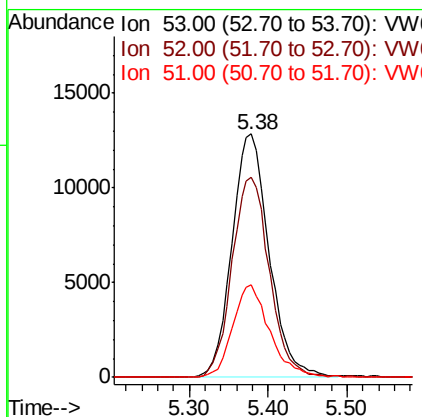
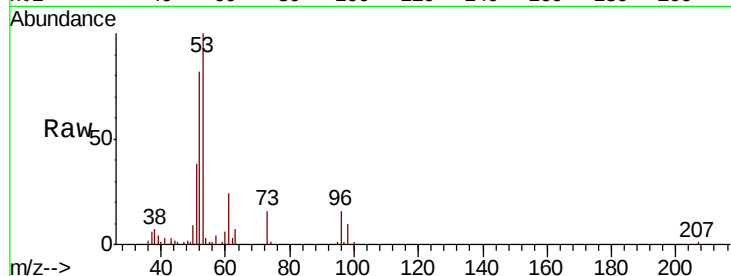
ClientSampleId :

VW1106SBS02

Tot Ion:	53	Resp:	42131
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.8	98.8
51	37.7	29.6	44.4

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:29 PM



#16

Acetone

Concen: 116.753 ug/l

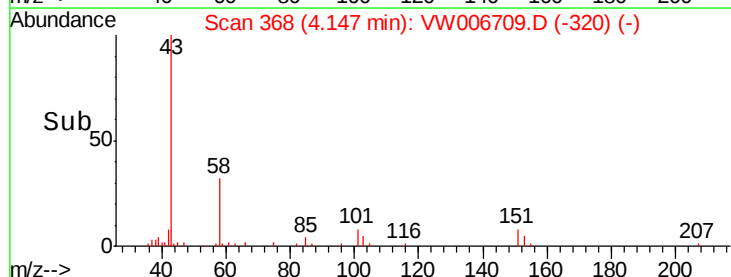
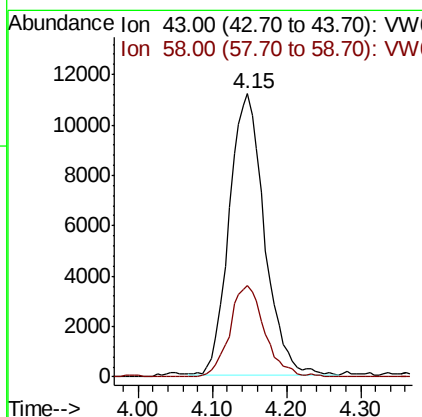
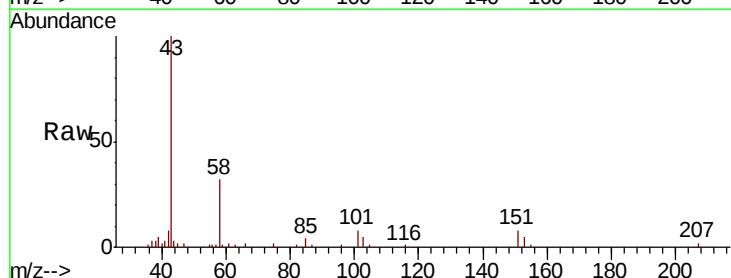
RT: 4.15 min Scan# 368

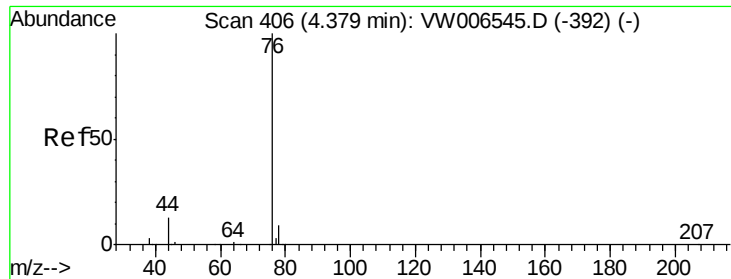
Delta R.T. -0.01 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Tgt Ion:	43	Resp:	36811
Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.8	38.8





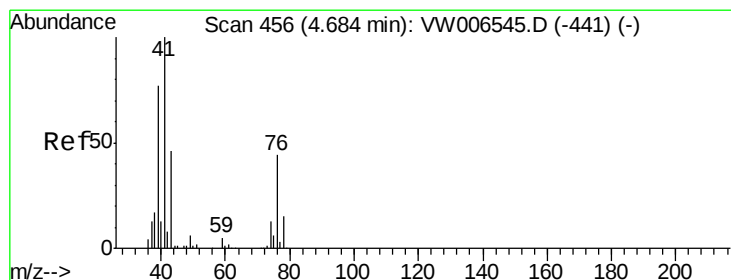
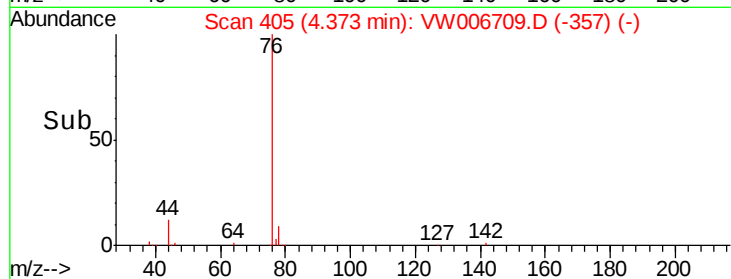
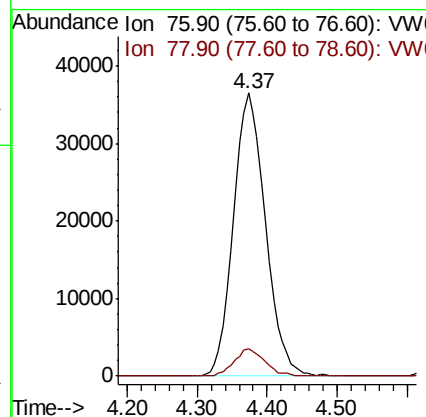
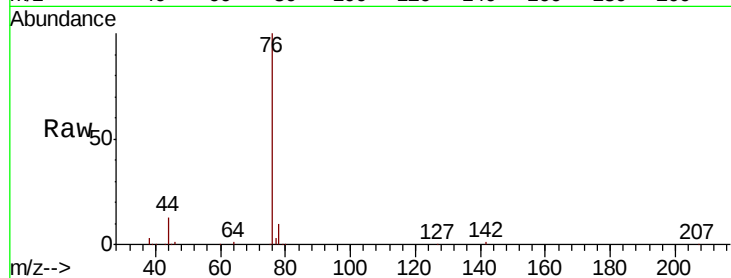
#17
Carbon Disulfide
Concen: 22.050 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.3	10.9

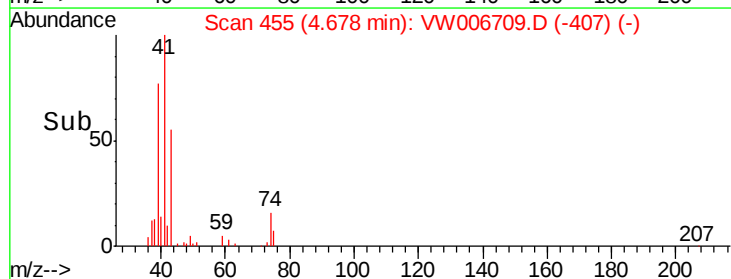
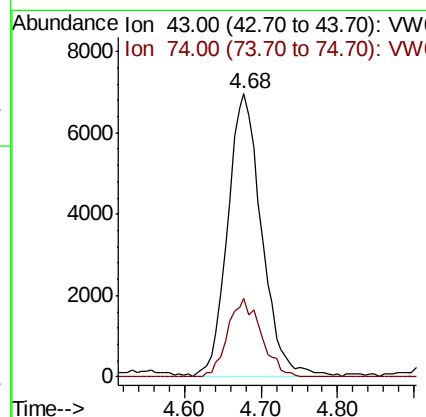
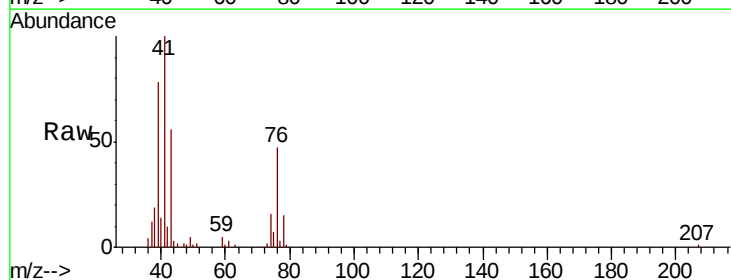
Manual Integrations
APPROVED

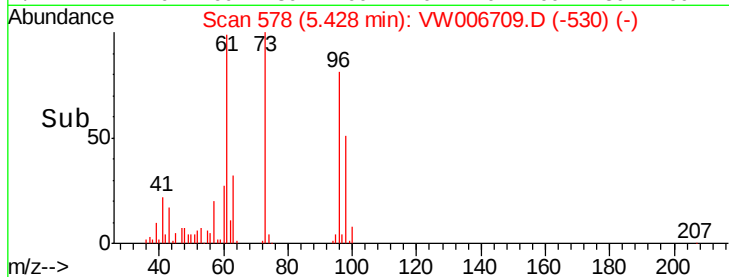
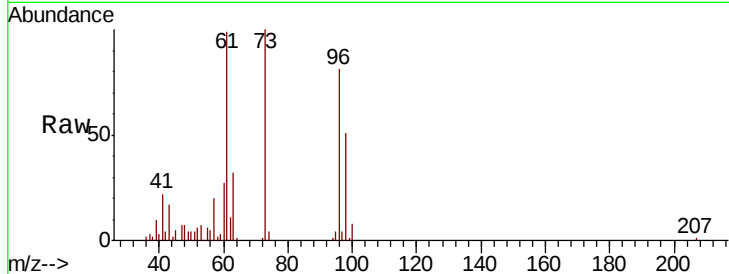
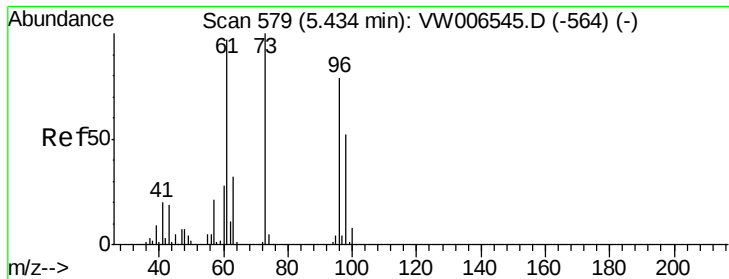
apatel
11/7/2018 2:06:29 PM



#18
Methyl Acetate
Concen: 23.674 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	21.9	32.9





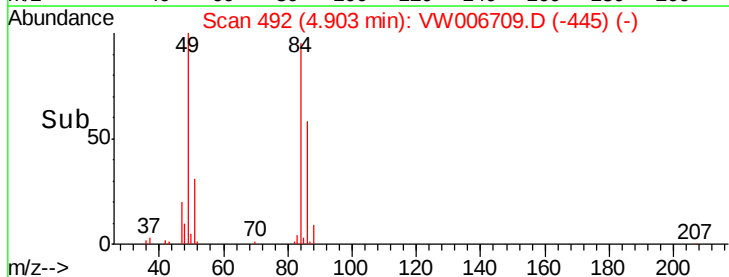
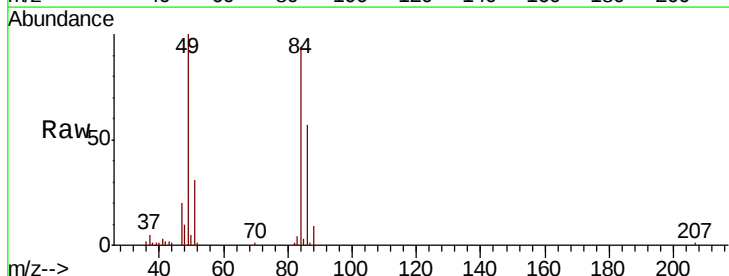
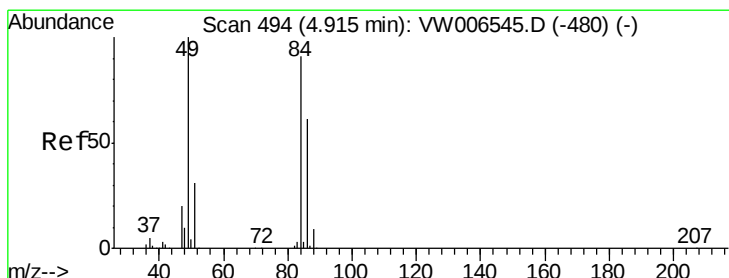
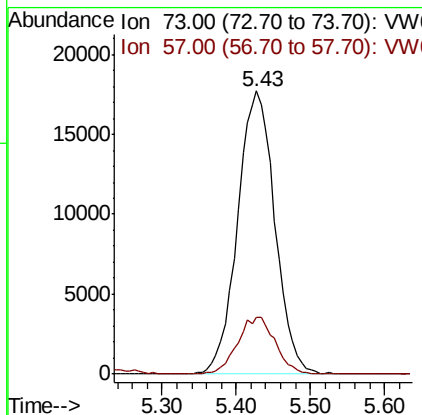
#19
Methyl tert-butyl Ether
Concen: 22.494 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tot Ion	73	Resp	62045
Ion Ratio	100	Lower	Upper
57	19.9	16.7	25.1

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

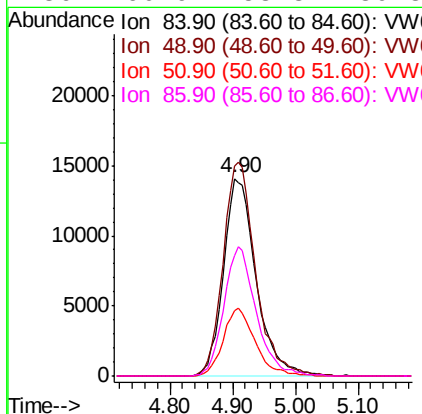
Manual Integrations
APPROVED

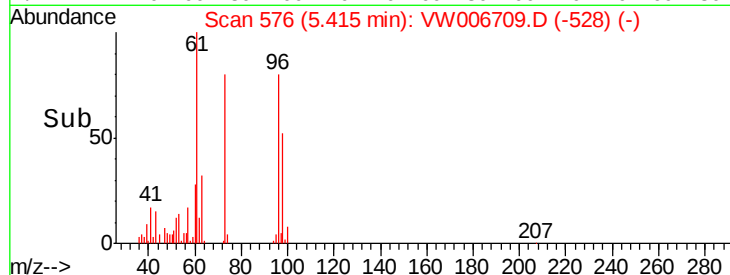
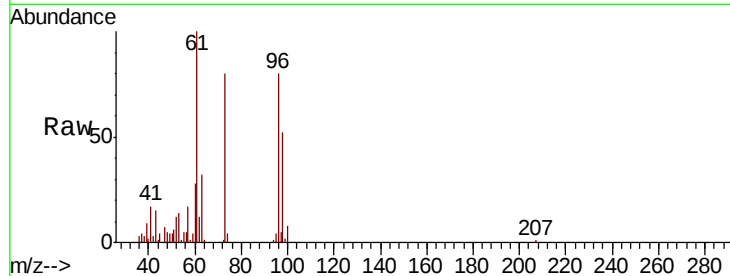
apatel
11/7/2018 2:06:29 PM



#20
Methylene Chloride
Concen: 21.360 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	84	Resp	50636
Ion Ratio	100	Lower	Upper
49	106.1	88.2	132.4
51	33.0	27.0	40.6
86	60.9	53.8	80.8





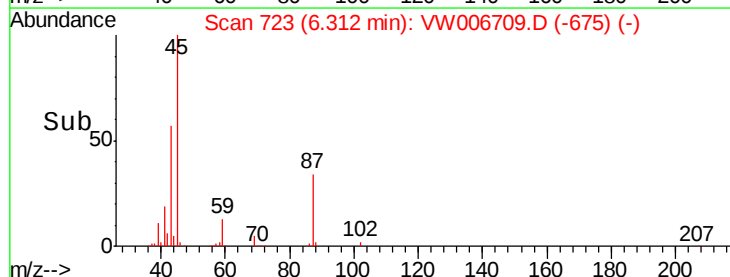
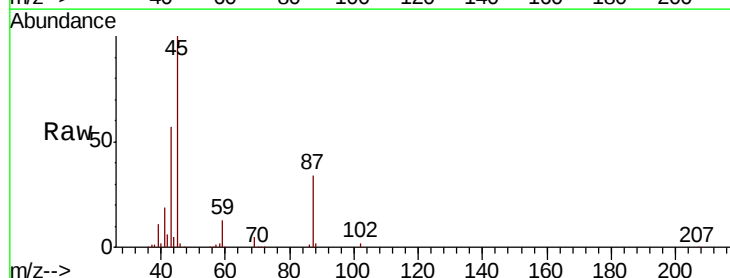
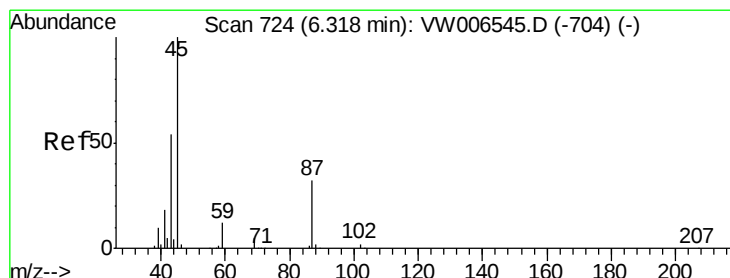
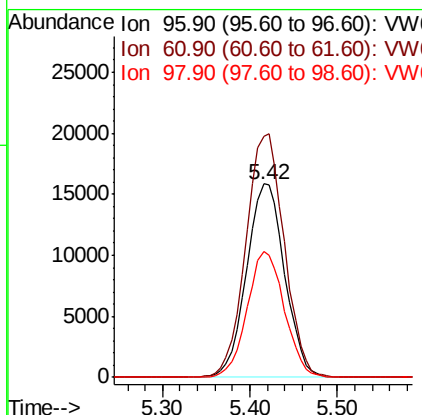
#21
trans-1,2-Dichloroethene
Concen: 22.824 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.7	100.6	150.8
98	65.2	52.9	79.3

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

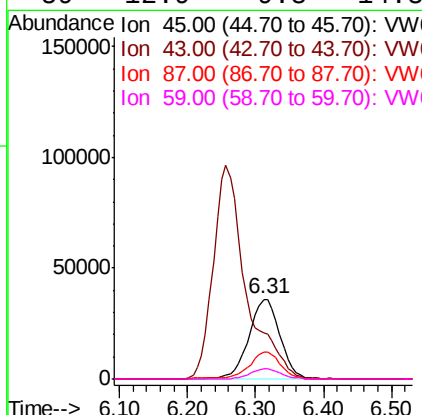
Manual Integrations
APPROVED

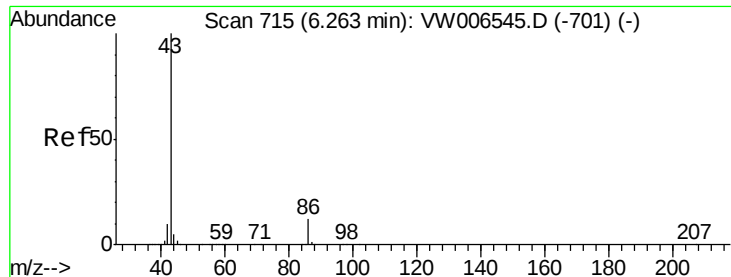
apatel
11/7/2018 2:06:29 PM



#22
Diisopropyl ether
Concen: 22.823 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.5	43.6	65.4
87	34.3	26.3	39.5
59	12.9	9.8	14.8





#23

Vinyl Acetate

Concen: 115.715 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

ClientSampled :

VW1106SBS02

Tot Ion: 43 Resp: 323594

Ion Ratio Lower Upper

43 100

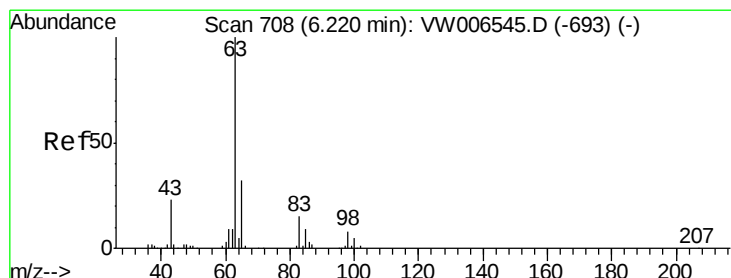
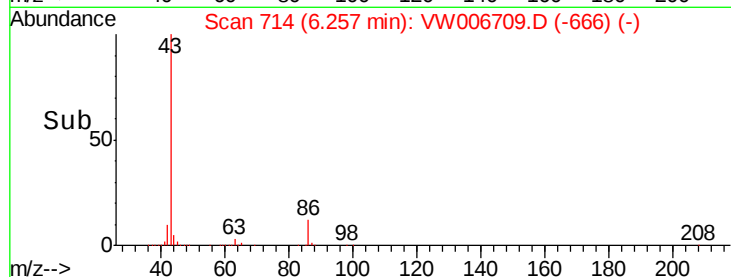
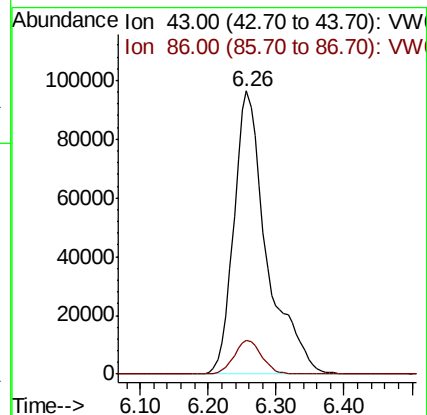
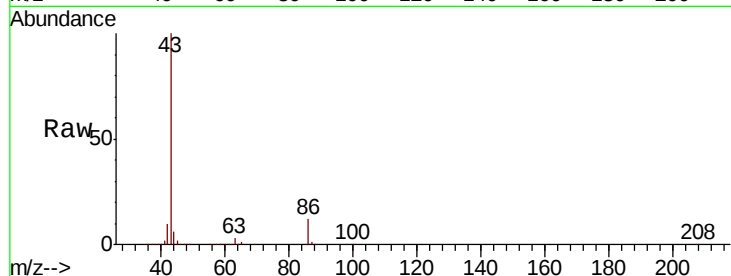
86 11.7 9.8 14.8

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:29 PM



#24

1,1-Dichloroethane

Concen: 22.997 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

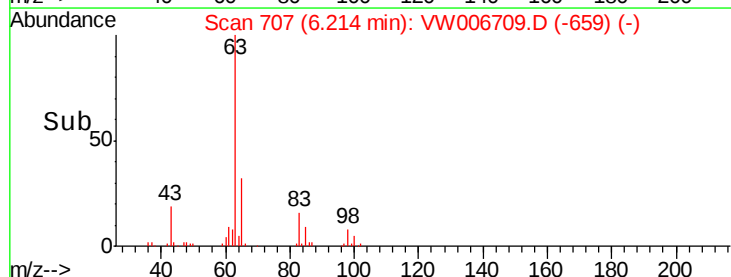
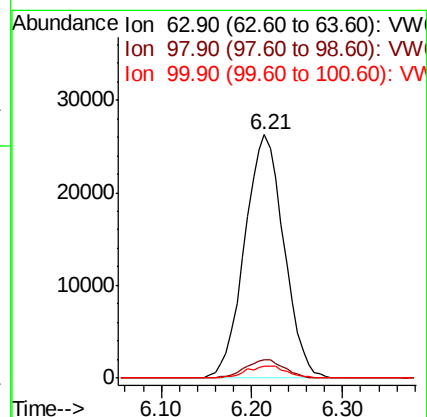
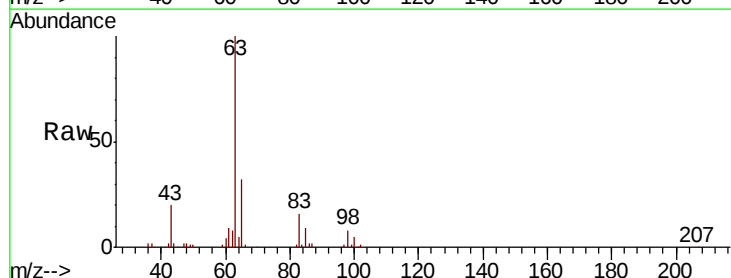
Tgt Ion: 63 Resp: 78598

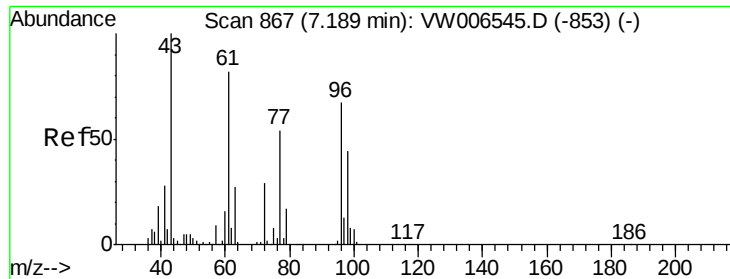
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 4.9 2.4 7.2





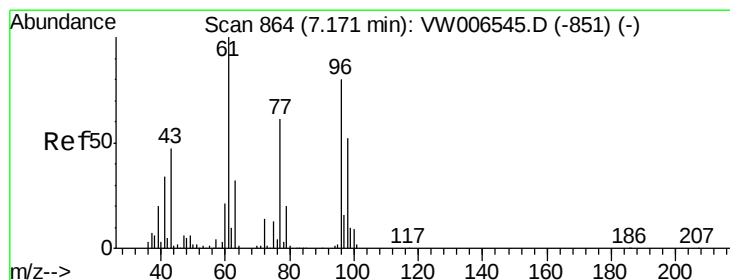
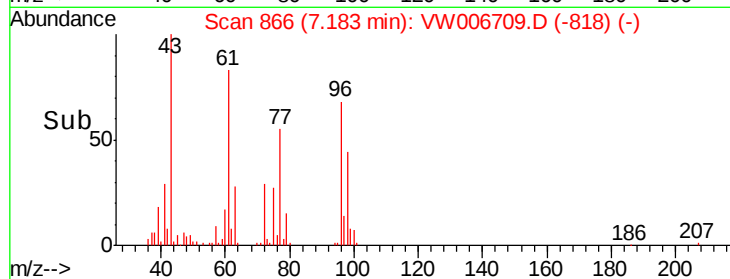
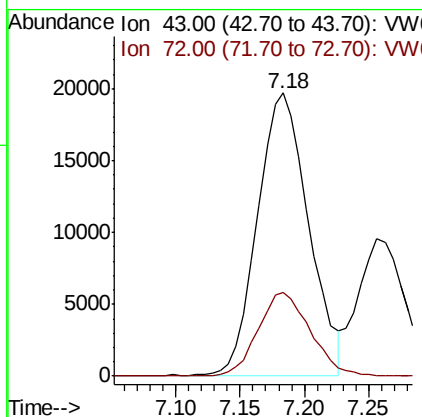
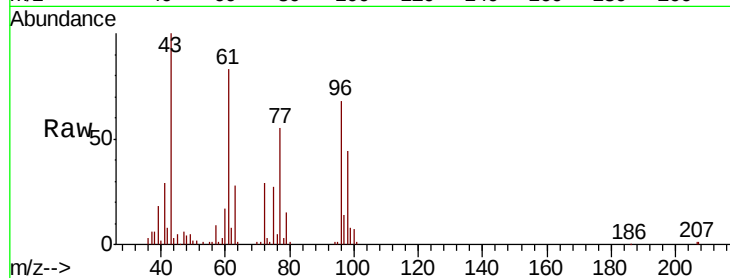
#25
2-Butanone
Concen: 120.863 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampled :
VW1106SBS02

Tot Ion: 43 Resp: 54377
Ion Ratio Lower Upper
43 100
72 29.5 23.2 34.8

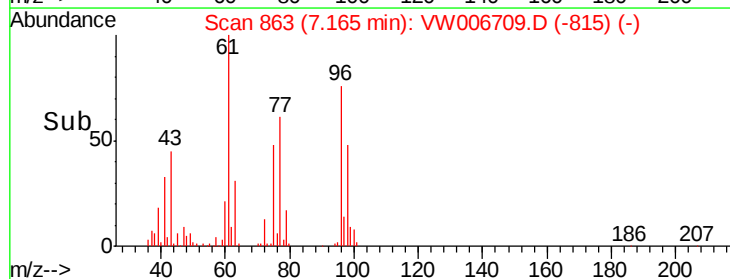
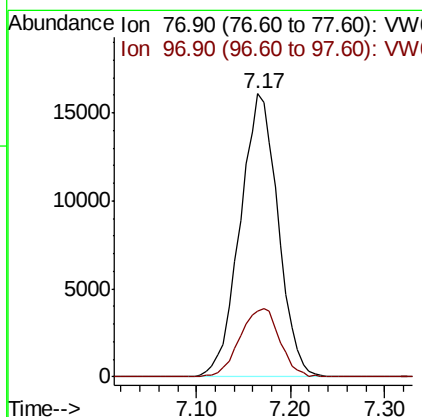
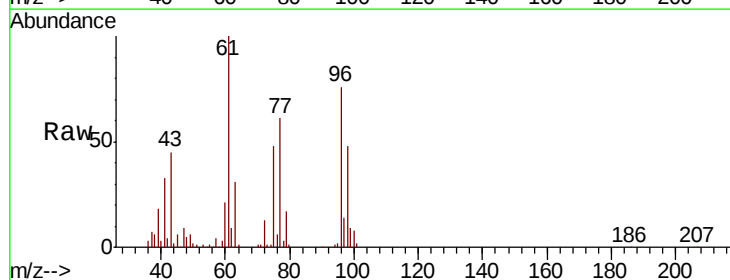
Manual Integrations
APPROVED

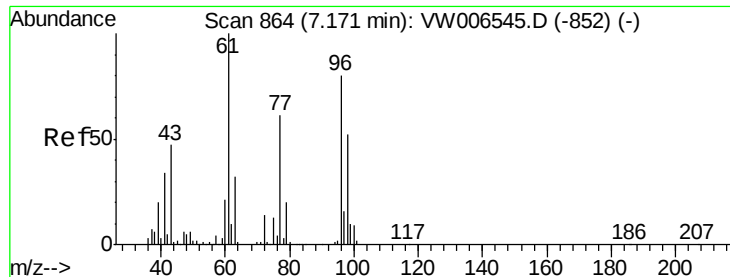
apatel
11/7/2018 2:06:29 PM



#26
2,2-Dichloropropane
Concen: 21.914 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion: 77 Resp: 45115
Ion Ratio Lower Upper
77 100
97 25.4 12.8 38.4





#27

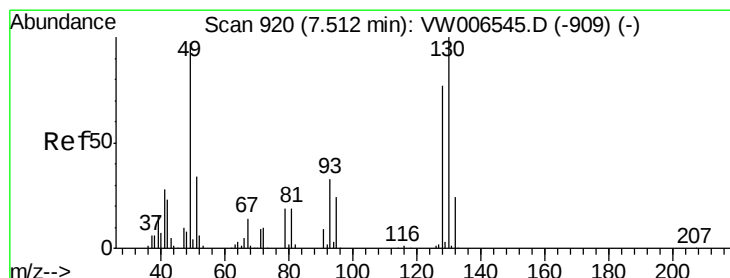
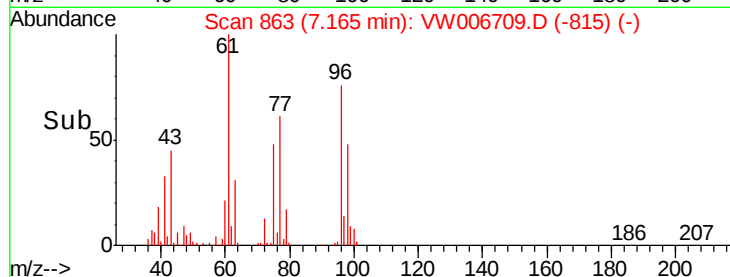
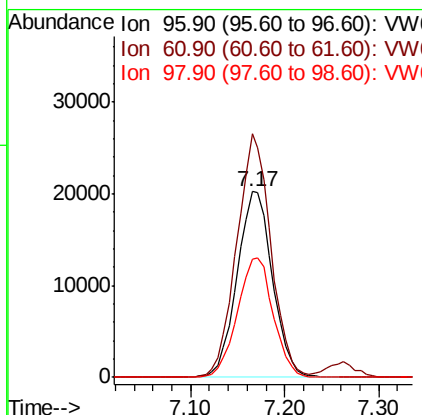
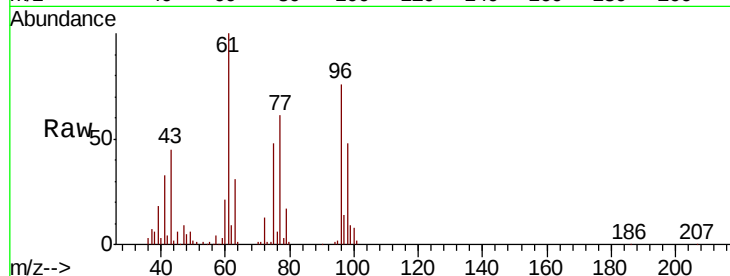
cis-1,2-Dichloroethene
Concen: 22.616 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	254.2
98	64.8	0.0	129.6

Manual Integrations
APPROVED

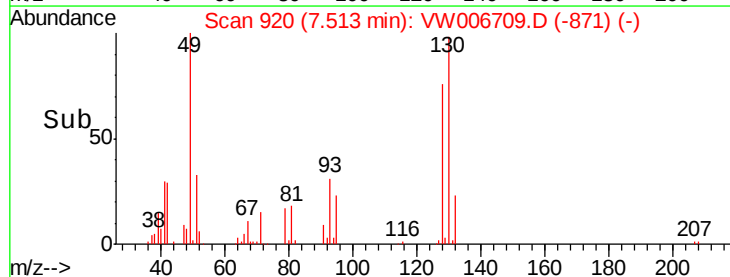
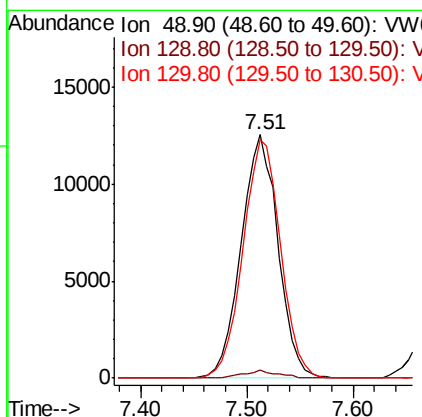
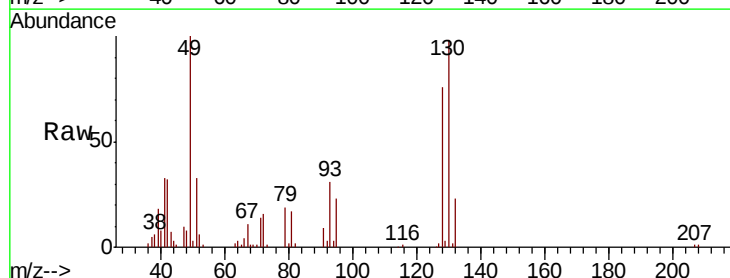
apatel
11/7/2018 2:06:29 PM

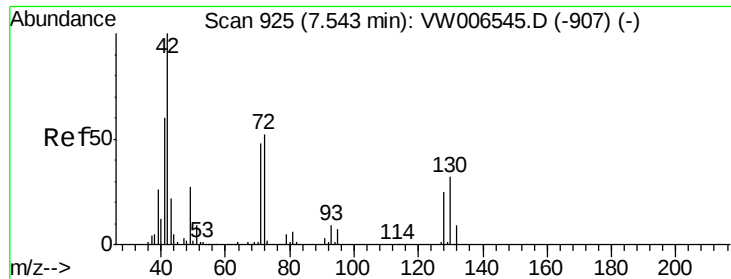


#28

Bromochloromethane
Concen: 22.443 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	99.6	82.2	123.2





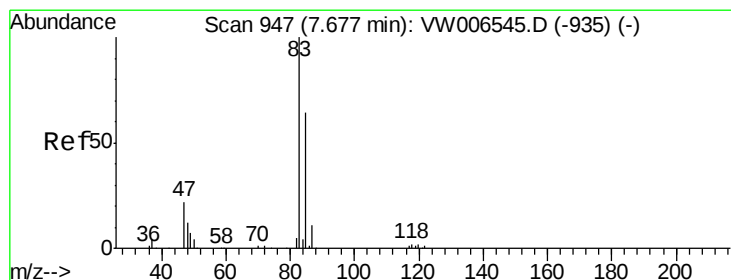
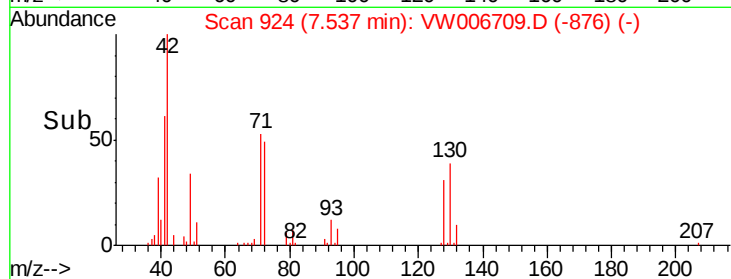
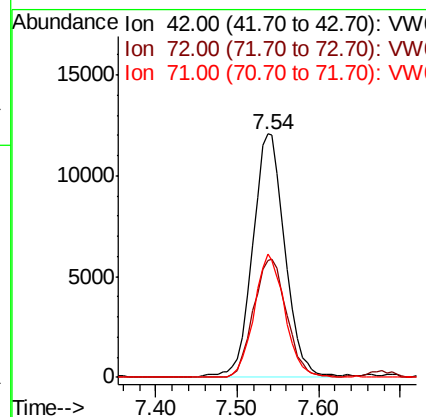
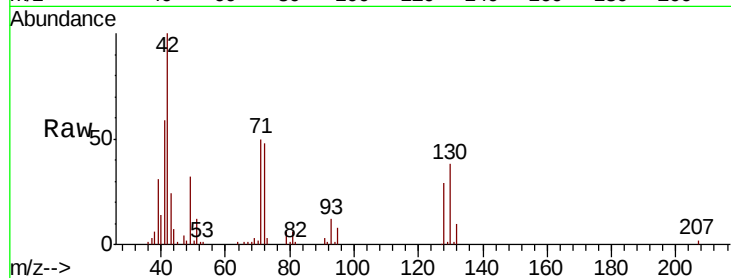
#29
Tetrahydrofuran
Concen: 117.616 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	39.2	58.8
71	47.9	37.6	56.4

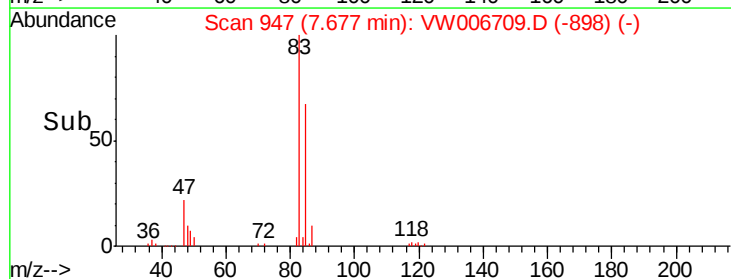
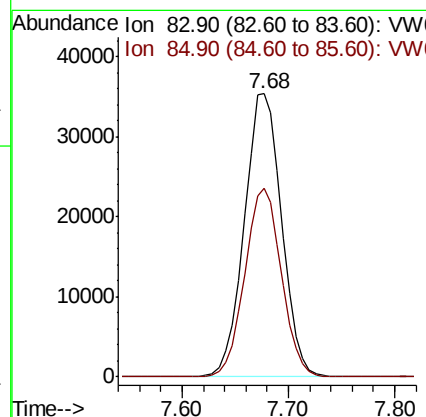
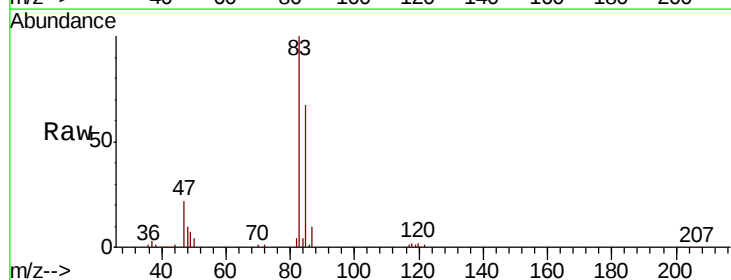
Manual Integrations
APPROVED

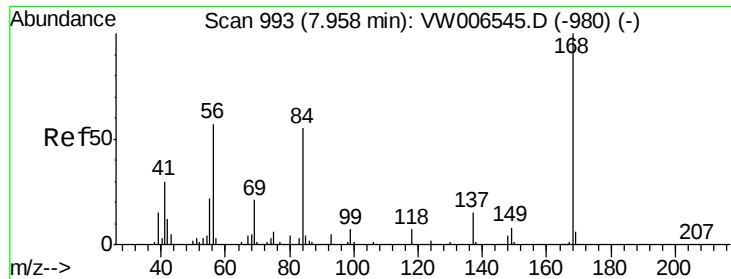
apatel
11/7/2018 2:06:29 PM



#30
Chloroform
Concen: 23.226 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.3	76.9





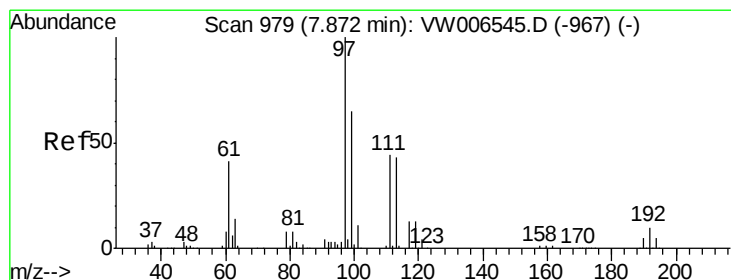
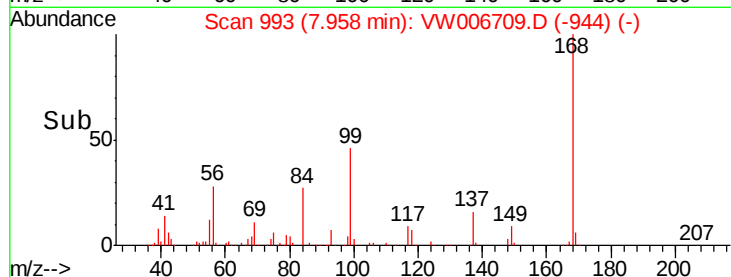
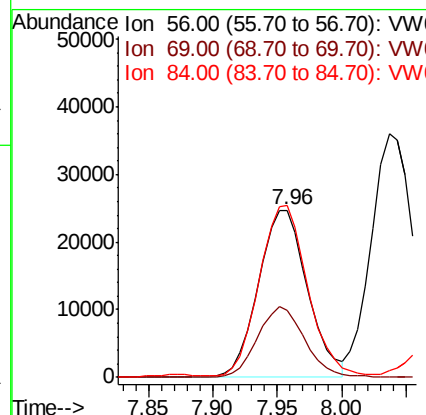
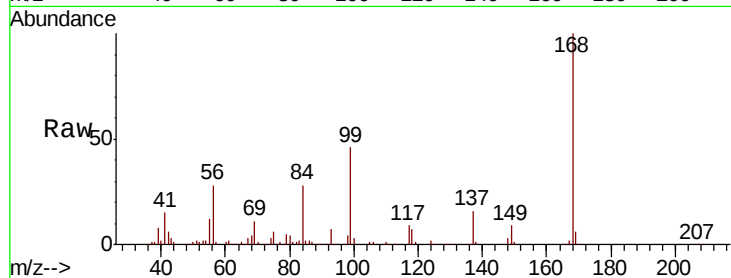
#31
Cyclohexane
Concen: 21.050 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	56	Resp	65479
Ion Ratio	100	Lower	Upper
56	100		
69	39.8	29.0	43.4
84	101.4	77.8	116.6

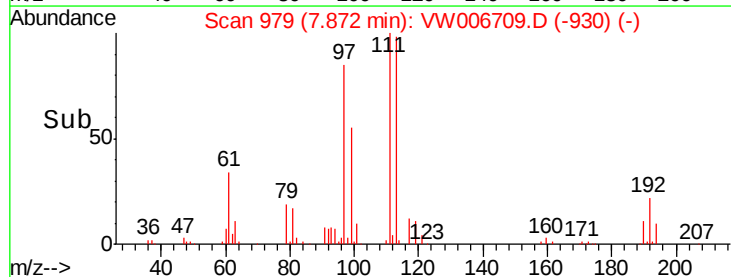
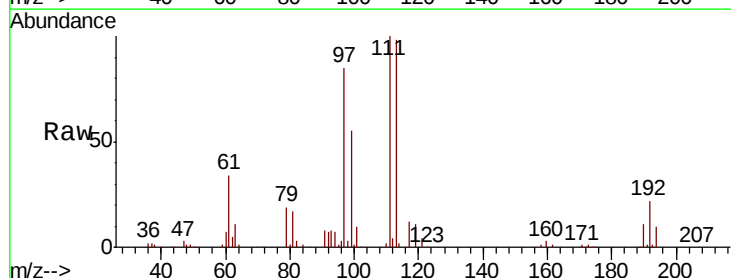
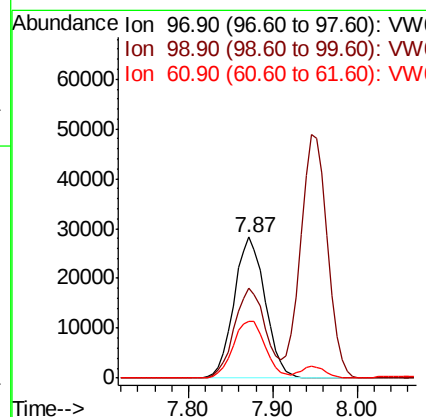
Manual Integrations
APPROVED

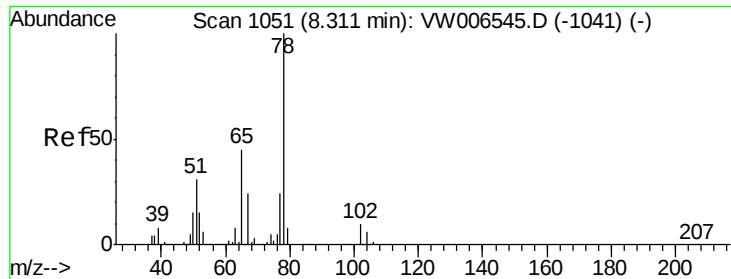
apatel
11/7/2018 2:06:29 PM



#32
1,1,1-Trichloroethane
Concen: 22.313 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	97	Resp	70747
Ion Ratio	100	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	41.9	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 53.183 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion: 65 Resp: 103860

Ion Ratio Lower Upper

65 100

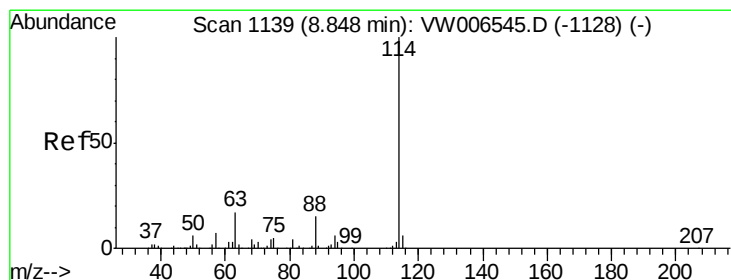
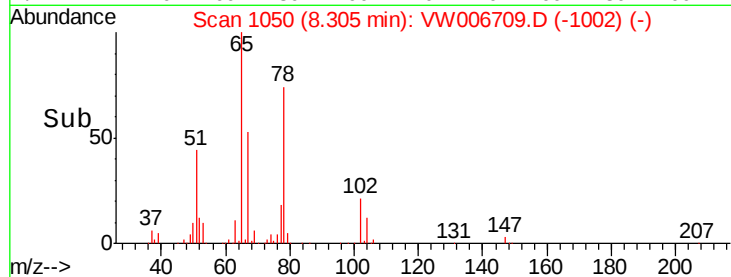
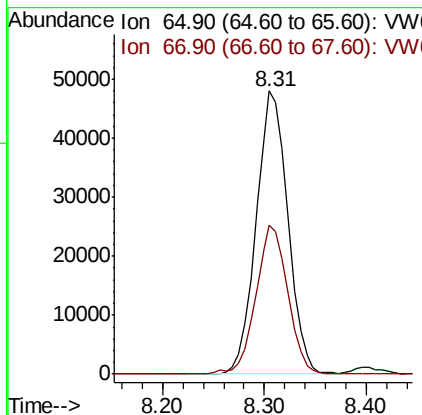
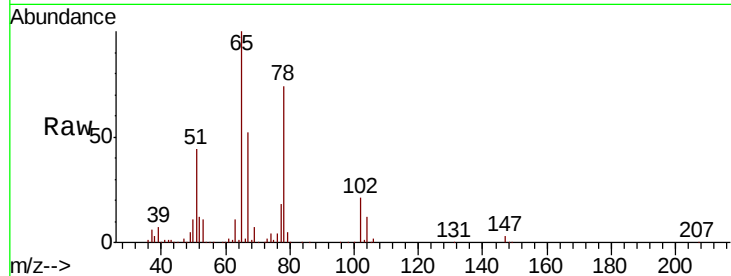
67 52.8 0.0 104.4

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:29 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

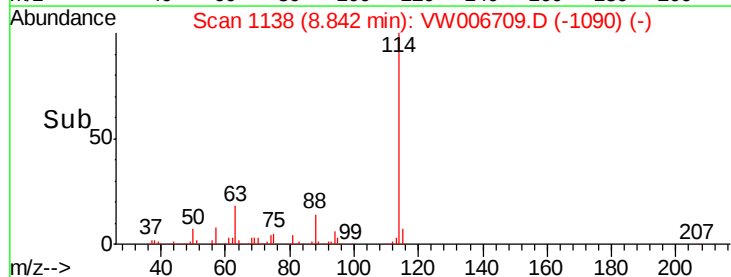
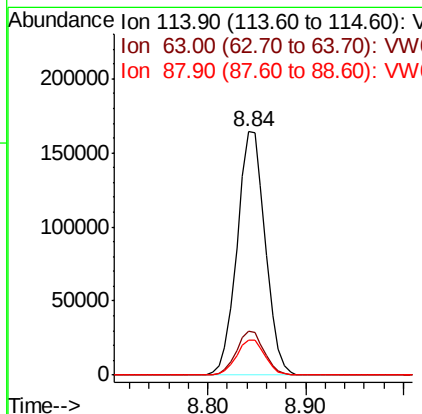
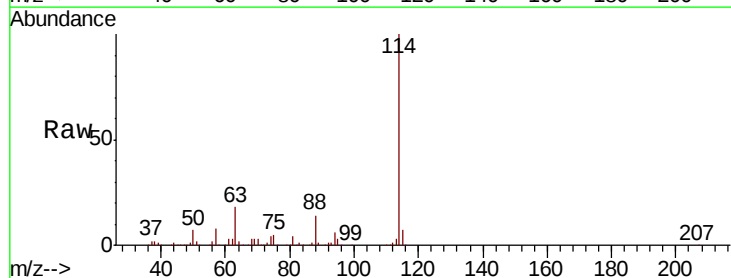
Tgt Ion: 114 Resp: 328390

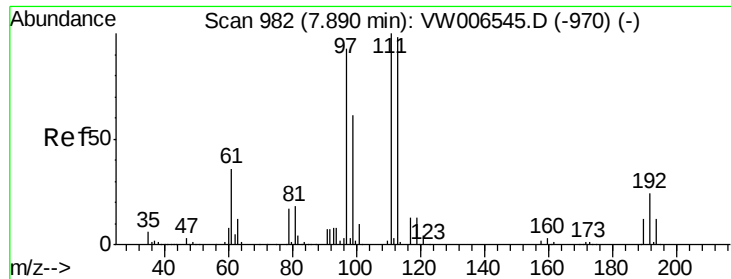
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.5 0.0 29.0





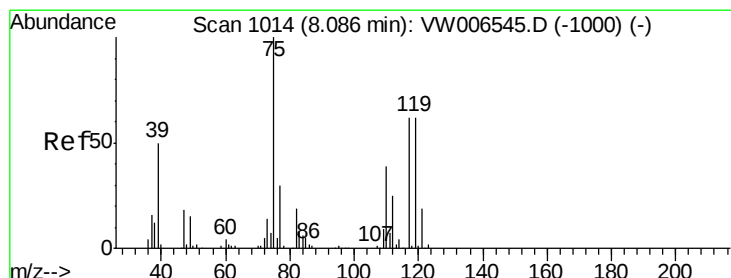
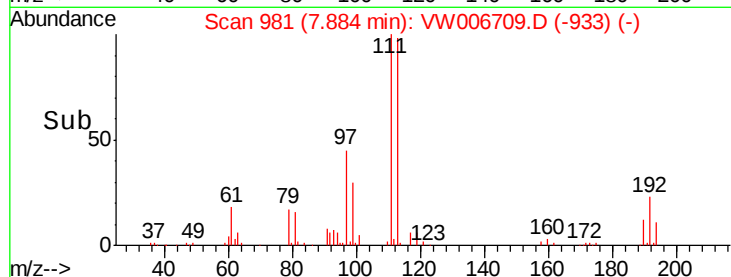
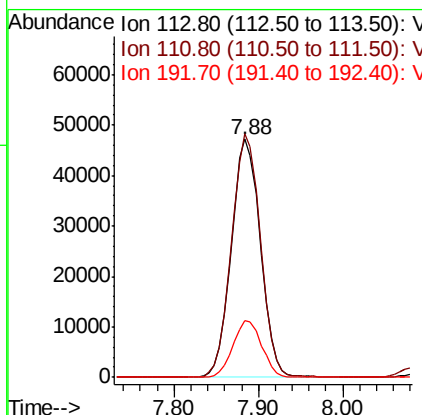
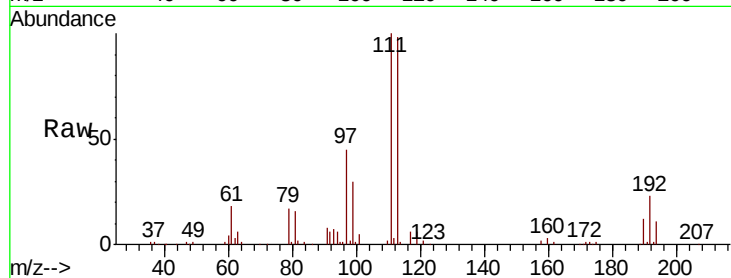
#35
 Dibromofluoromethane
 Concen: 53.324 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.8	82.2	123.2	
192	23.6	19.0	28.6	

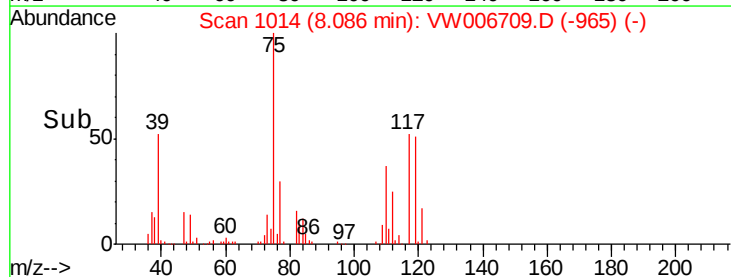
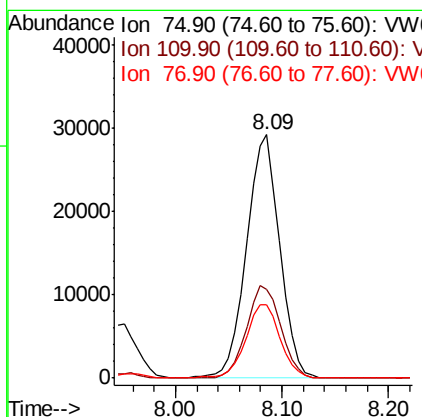
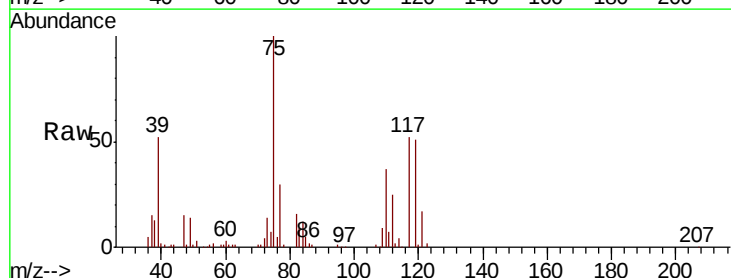
Manual Integrations
 APPROVED

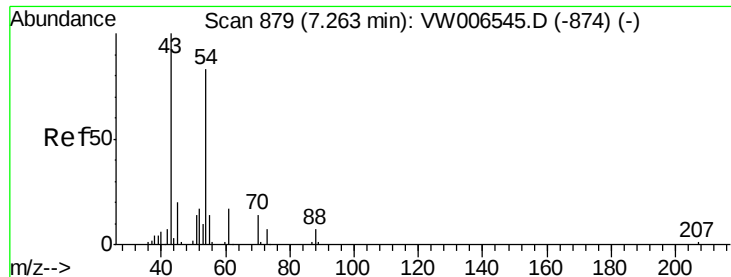
apatel
 11/7/2018 2:06:29 PM



#36
 1,1-Dichloropropene
 Concen: 22.156 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	39.0	19.5	58.5	
77	31.3	24.6	37.0	





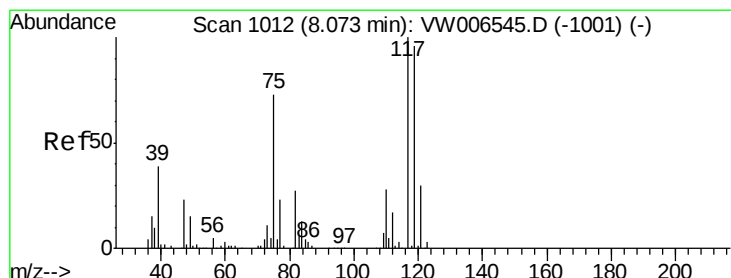
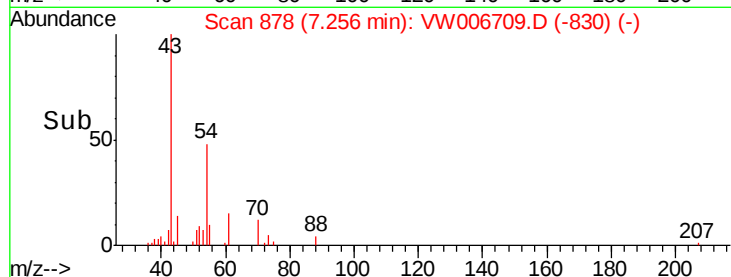
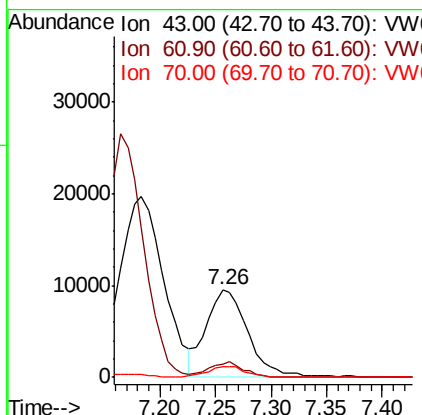
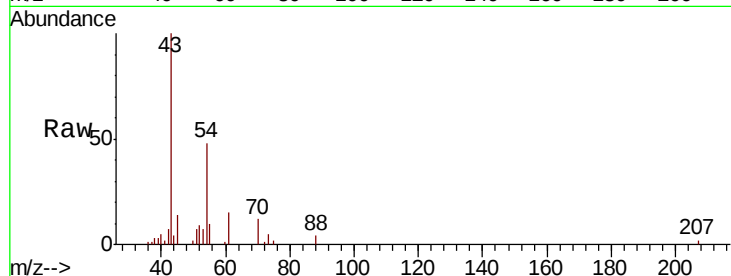
#37
Ethyl Acetate
Concen: 24.394 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampled :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	11.5	9.8	14.6

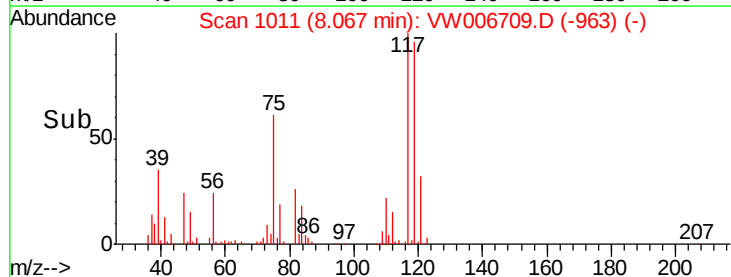
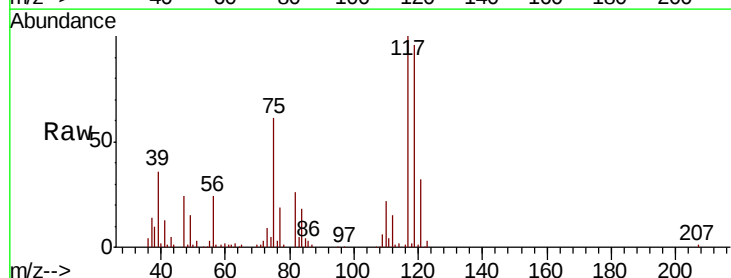
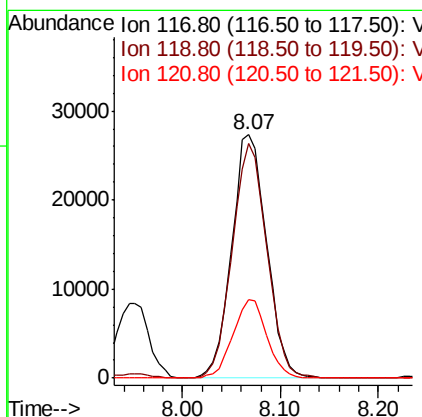
Manual Integrations
APPROVED

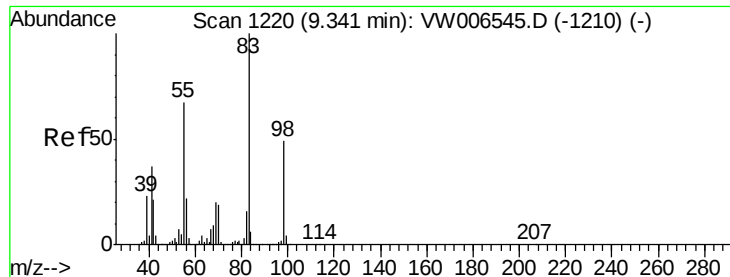
apatel
11/7/2018 2:06:29 PM



#38
Carbon Tetrachloride
Concen: 22.439 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.3	114.5
121	32.1	24.1	36.1





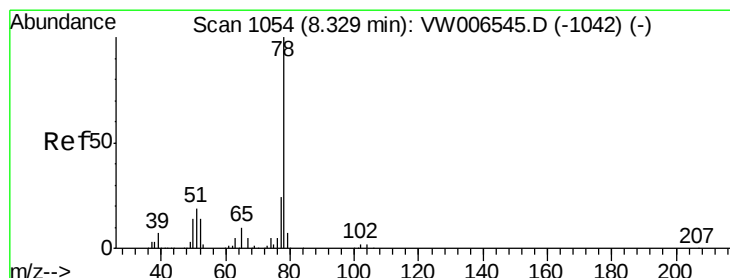
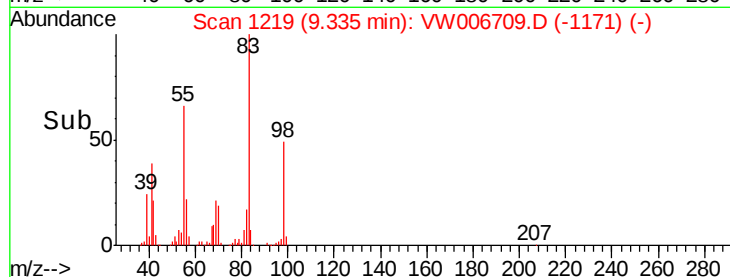
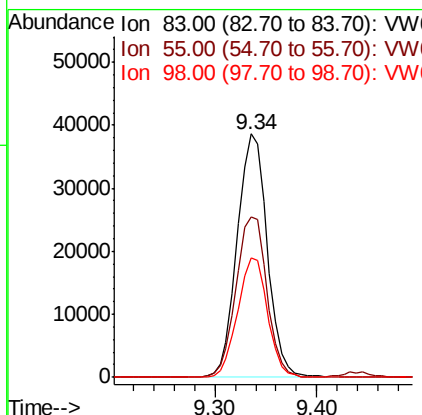
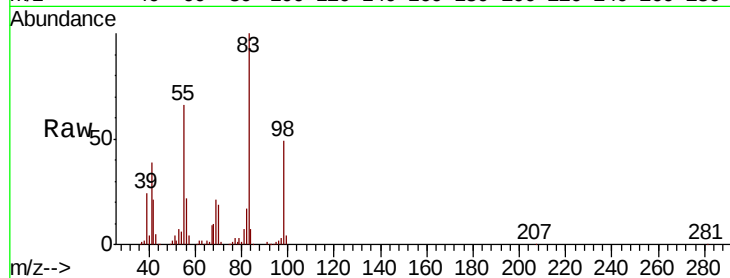
#39
Methvlcvclohexane
Concen: 21.580 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBSD02

Tot Ion	83	Resp	79087
Ion Ratio	100	Lower	Upper
83	100		
55	66.1	53.7	80.5
98	49.0	39.2	58.8

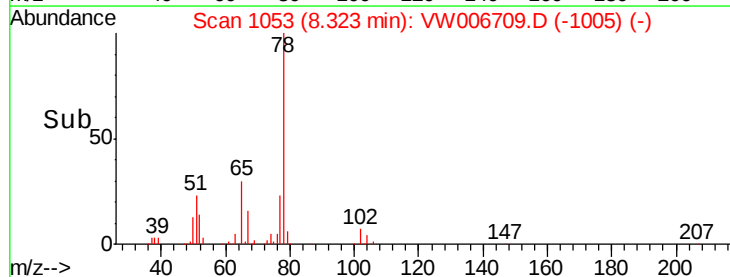
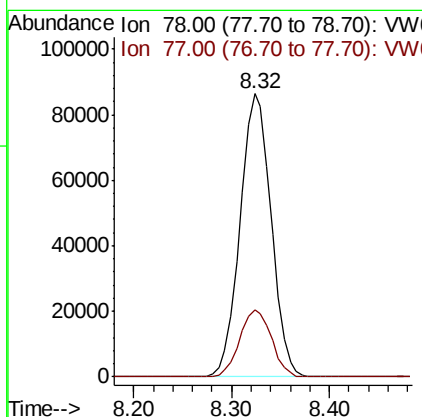
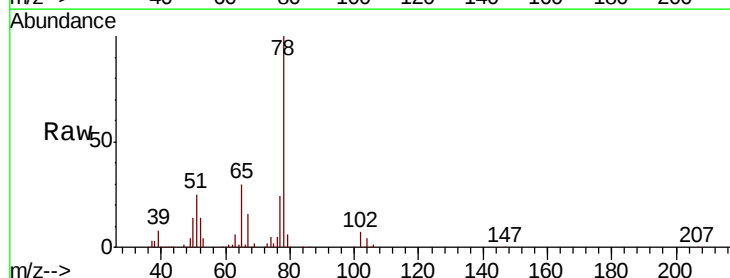
Manual Integrations
APPROVED

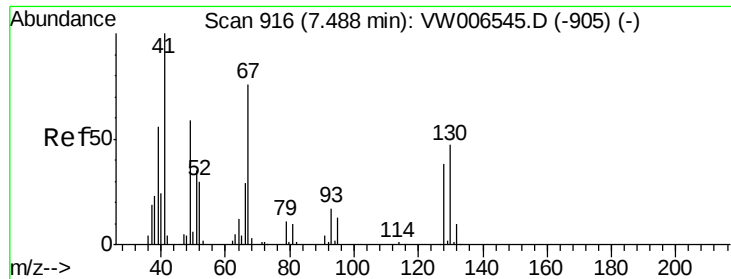
apatel
11/7/2018 2:06:29 PM



#40
Benzene
Concen: 23.191 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	78	Resp	190231
Ion Ratio	100	Lower	Upper
78	100		
77	23.5	19.2	28.8





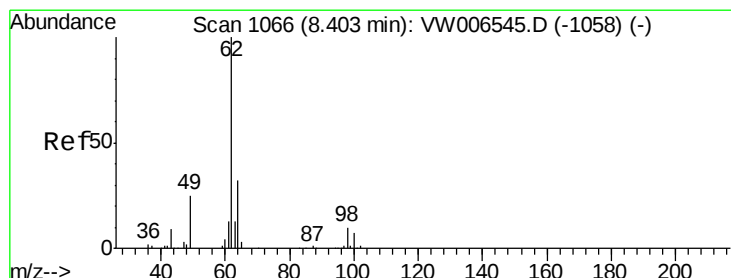
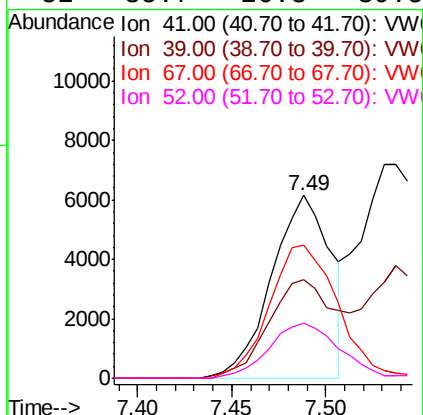
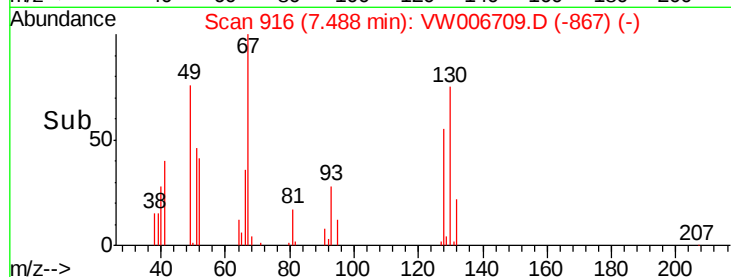
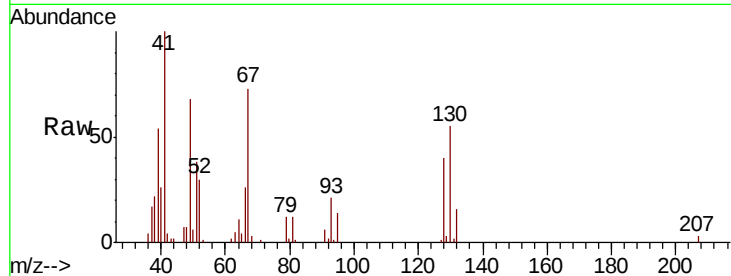
#41
Methacrylonitrile
Concen: 21.815 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion:	41	Resp:	13387
Ion	Ratio	Lower	Upper
41	100		
39	63.4	44.5	66.7
67	84.3	63.8	95.8
52	35.7	26.3	39.5

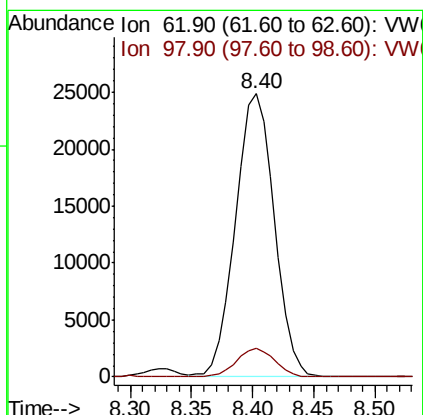
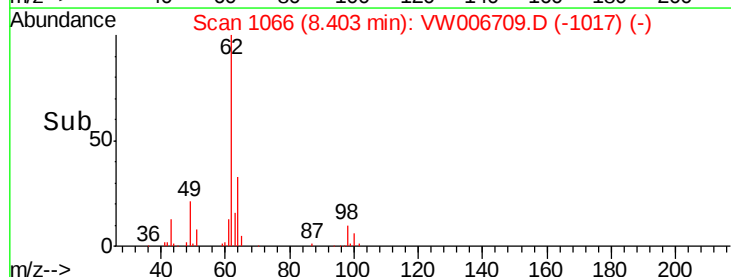
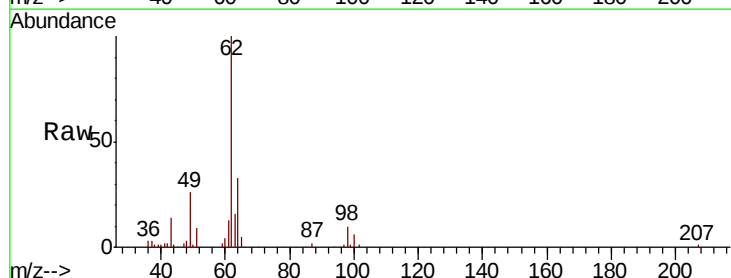
Manual Integrations
APPROVED

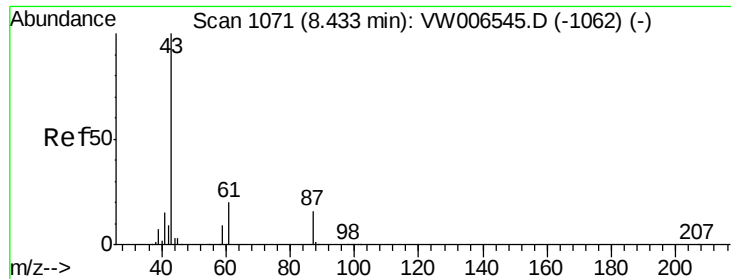
apatel
11/7/2018 2:06:29 PM



#42
1,2-Dichloroethane
Concen: 23.324 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion:	62	Resp:	54868
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8





#43

Isopropyl Acetate

Concen: 23.576 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

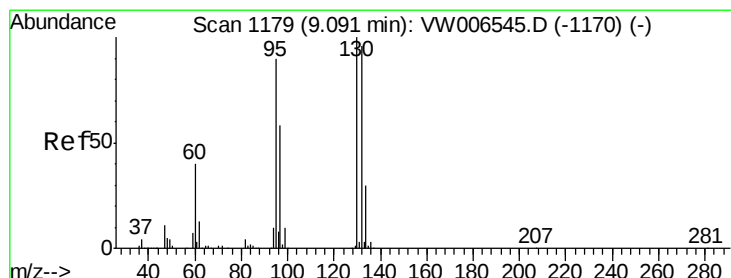
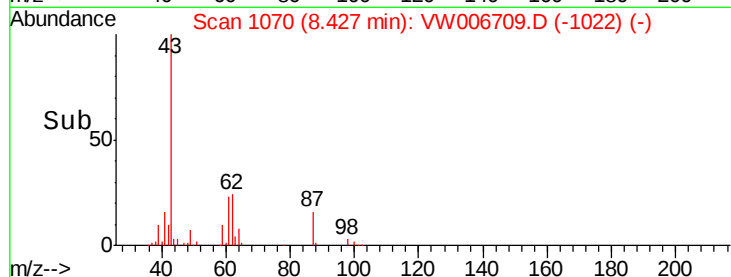
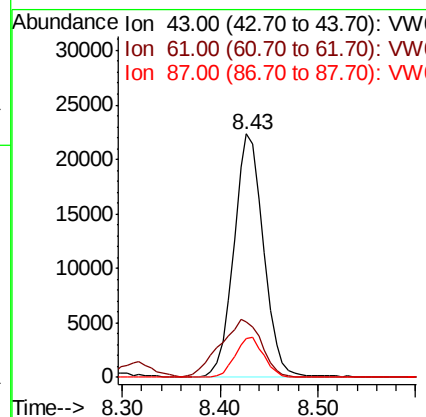
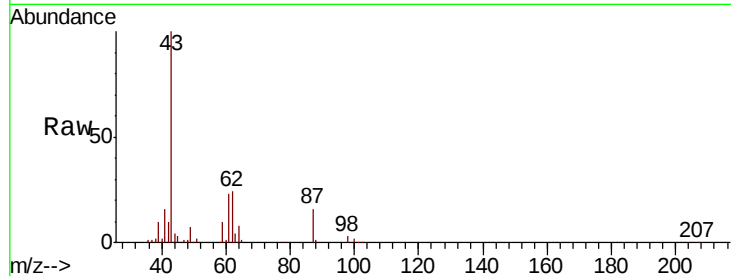
ClientSampleId :

VW1106SBS02

Tot Ion:	43	Resp:	47081
Ion	Ratio	Lower	Upper
43	100		
61	33.2	27.2	40.8
87	15.7	12.9	19.3

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:29 PM



#44

Trichloroethene

Concen: 22.346 ug/l

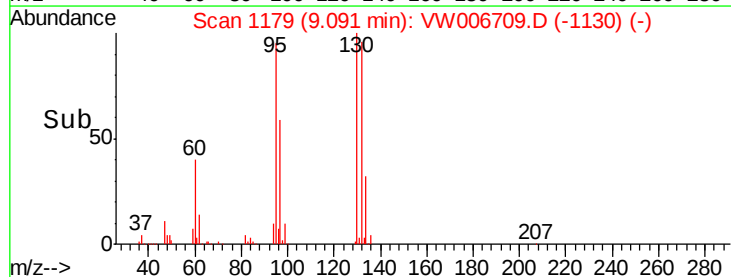
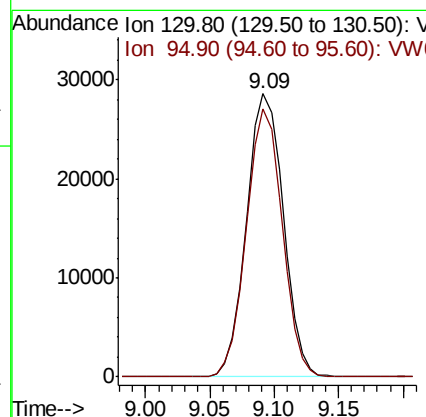
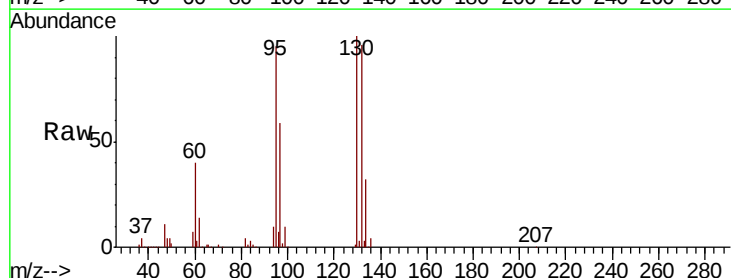
RT: 9.09 min Scan# 1179

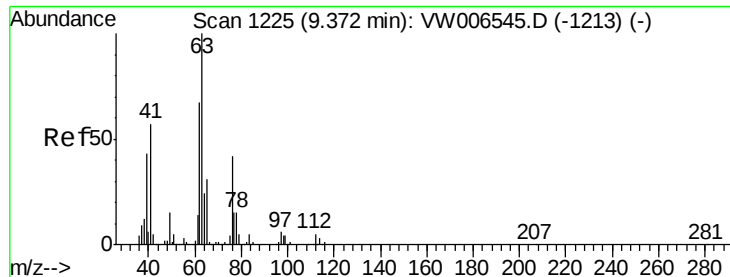
Delta R.T. 0.00 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Tgt Ion:	130	Resp:	56563
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	179.2





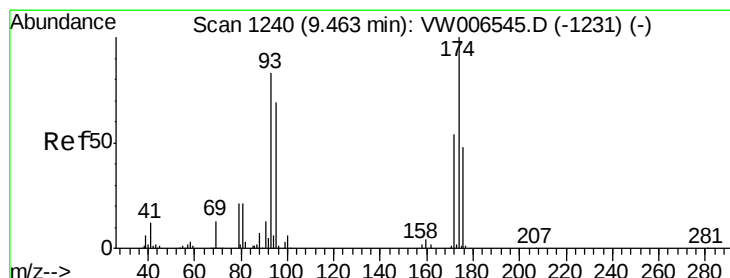
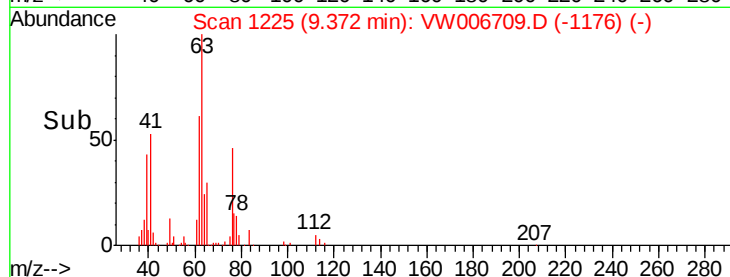
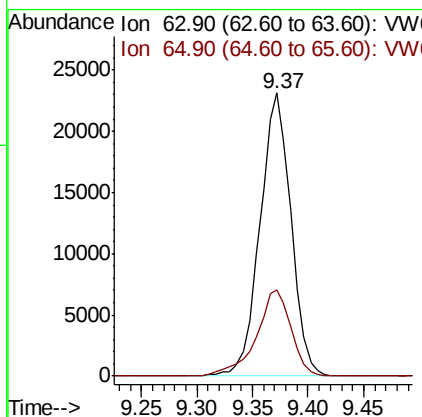
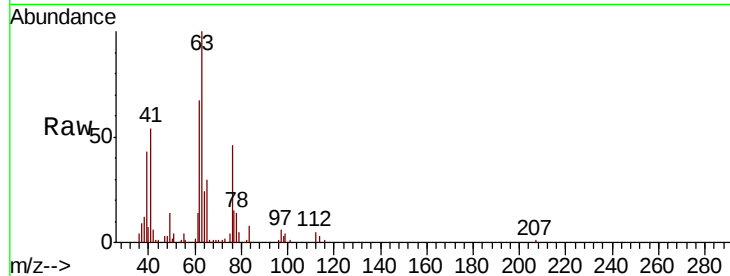
#45
 1,2-Dichloropropane
 Concen: 23.540 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion	63	Resp	44936
Ion Ratio	Lower	Upper	
63	100		
65	30.5	25.1	37.7

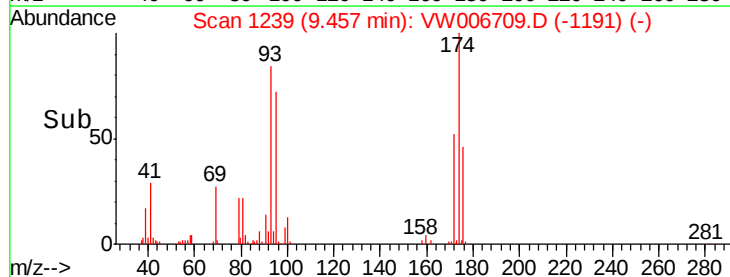
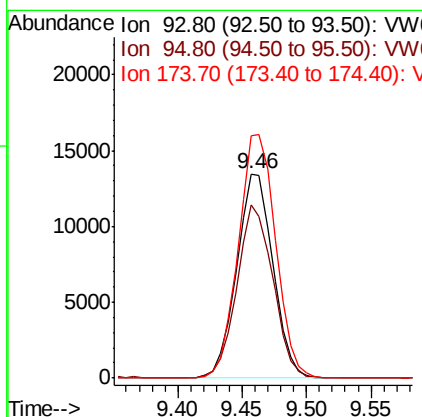
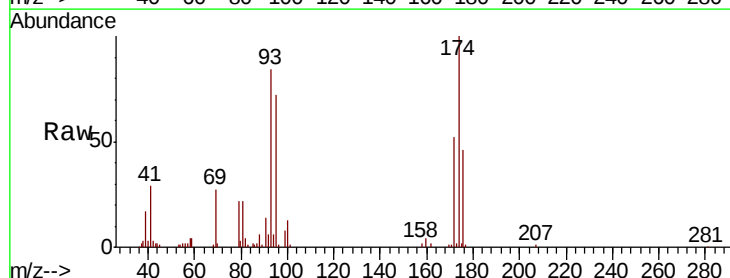
Manual Integrations
 APPROVED

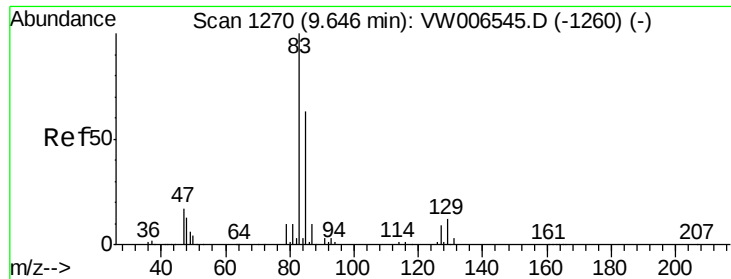
apatel
 11/7/2018 2:06:29 PM



#46
 Dibromomethane
 Concen: 23.361 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Tgt Ion	93	Resp	26214
Ion Ratio	Lower	Upper	
93	100		
95	84.0	67.2	100.8
174	122.8	97.3	145.9





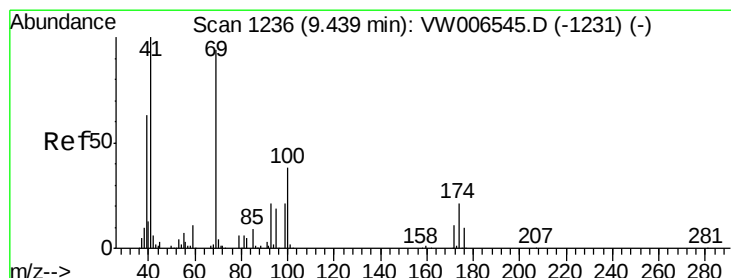
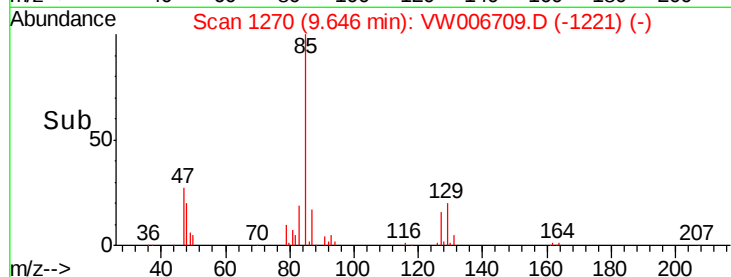
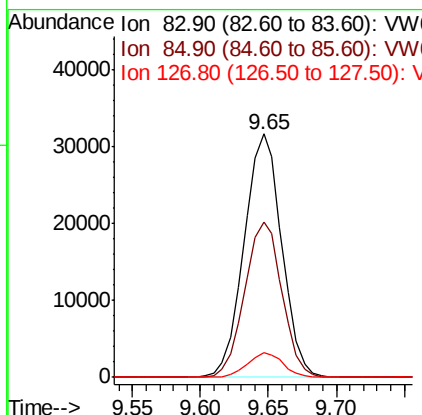
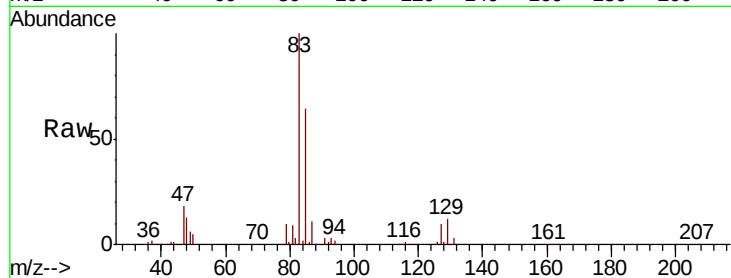
#47
Bromodichloromethane
Concen: 23.436 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	75.8
127	10.2	7.5	11.3

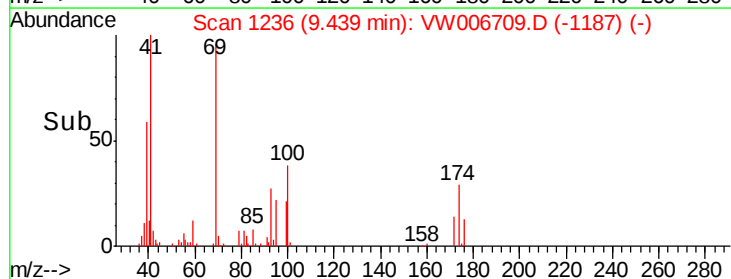
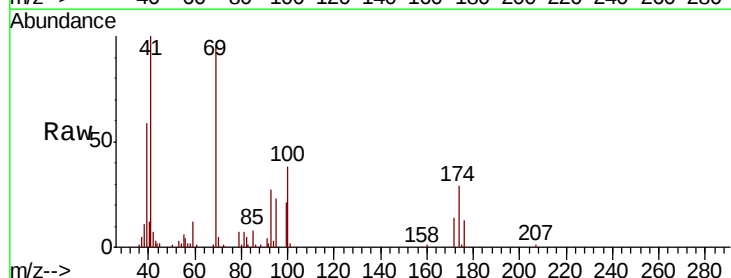
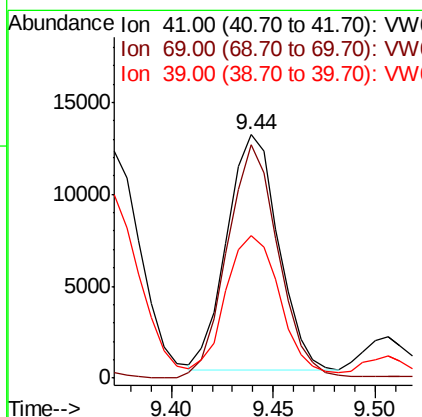
Manual Integrations
APPROVED

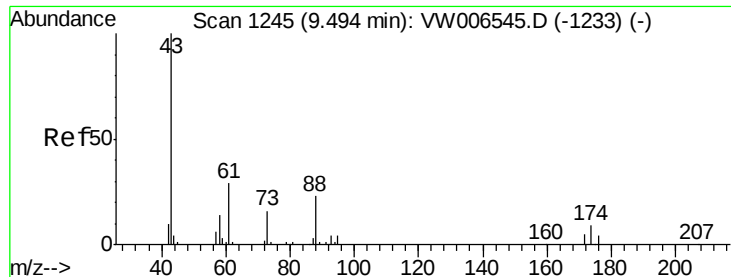
apatel
11/7/2018 2:06:29 PM



#48
Methyl methacrylate
Concen: 23.388 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
41	100		
69	99.2	77.8	116.8
39	65.5	48.7	73.1





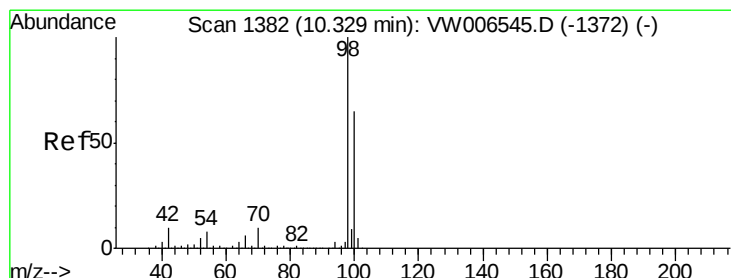
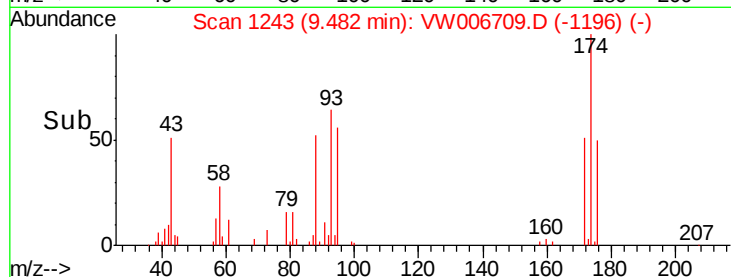
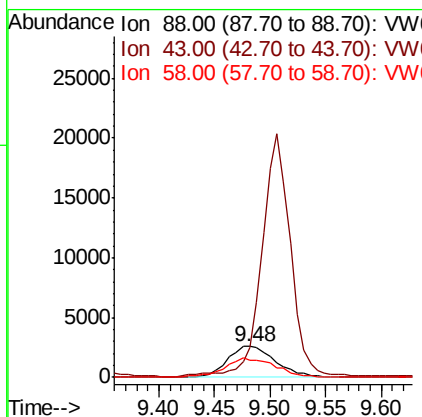
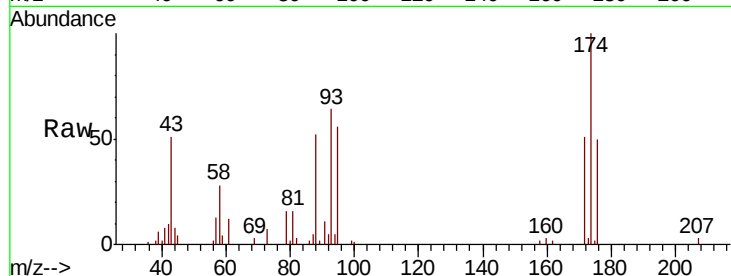
#49
1,4-Dioxane
Concen: 469.183 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	65.5	51.4	77.2

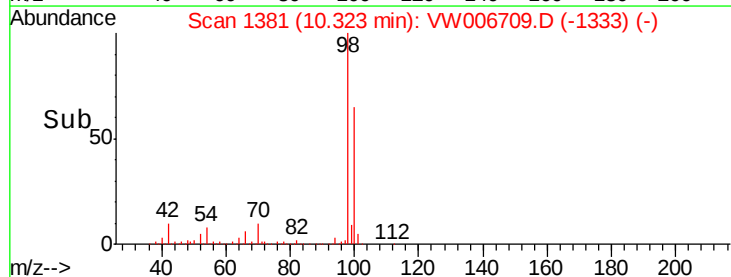
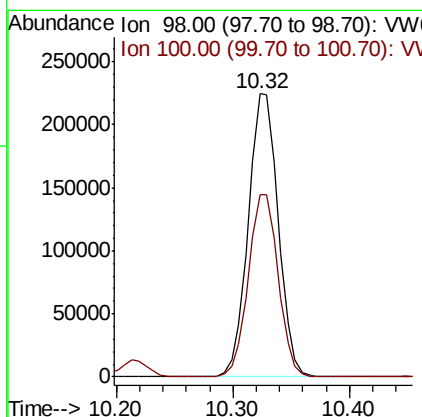
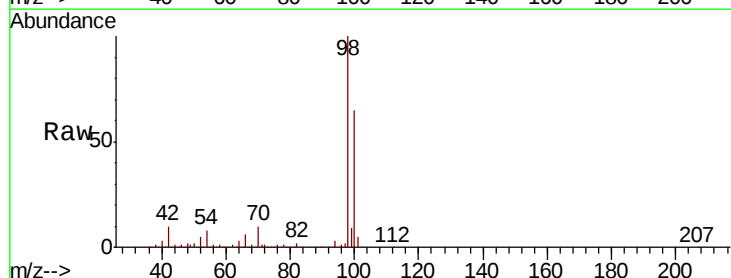
Manual Integrations
APPROVED

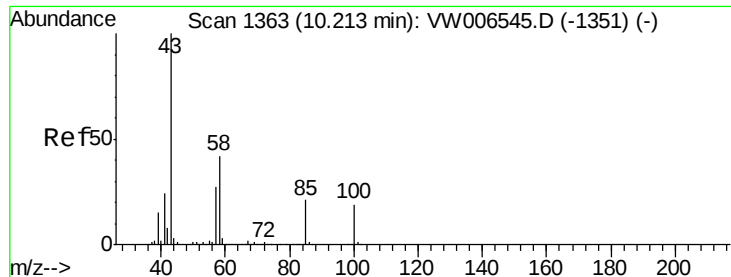
apatel
11/7/2018 2:06:29 PM



#50
Toluene-d8
Concen: 51.504 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 121.086 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion: 43 Resp: 124190

Ion Ratio Lower Upper

43 100

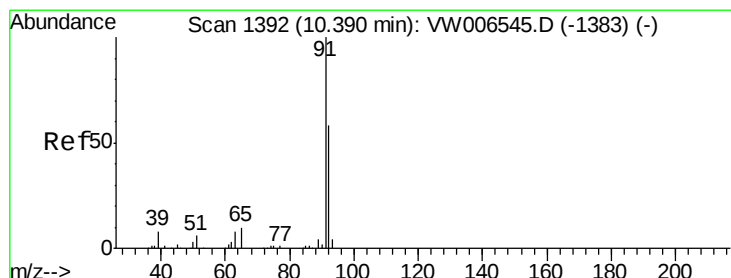
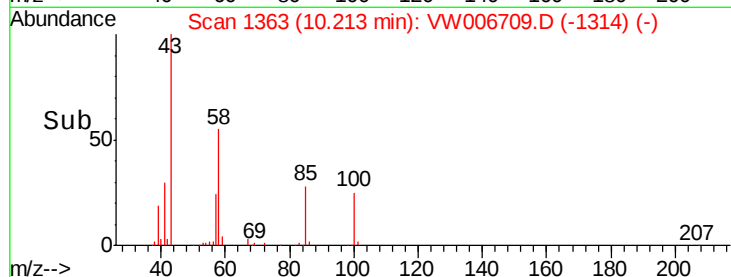
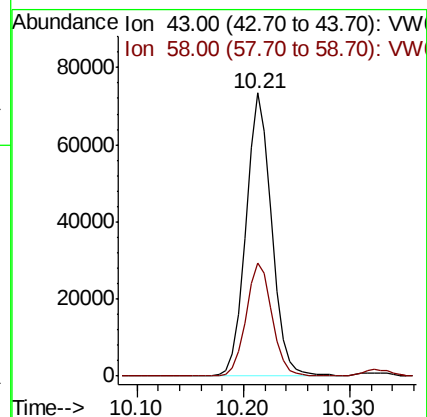
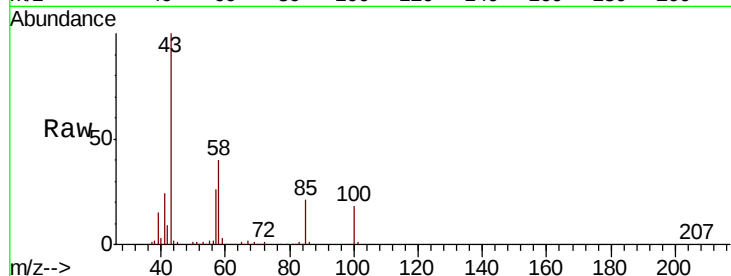
58 40.5 33.4 50.0

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:29 PM



#52

Toluene

Concen: 22.744 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006709.D

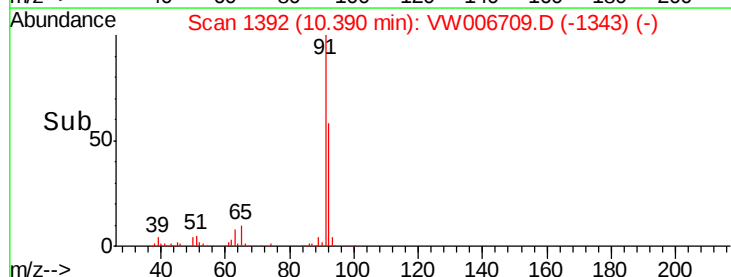
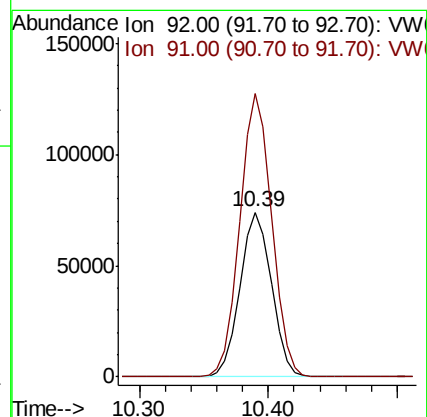
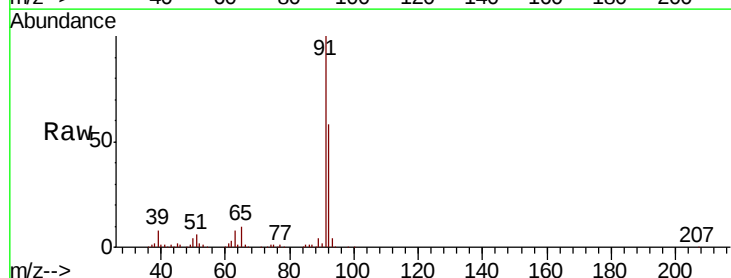
Acq: 07 Nov 2018 02:54

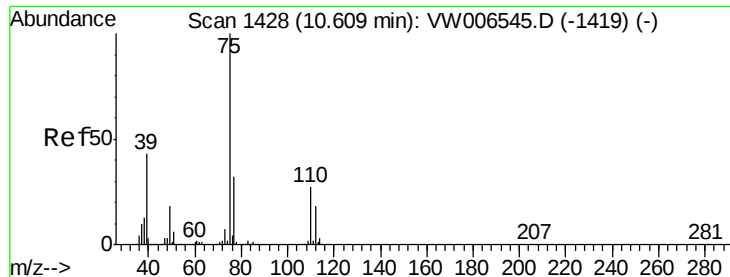
Tgt Ion: 92 Resp: 125127

Ion Ratio Lower Upper

92 100

91 174.1 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 22.899 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBSD02

Tot Ion: 75 Resp: 57419

Ion Ratio Lower Upper

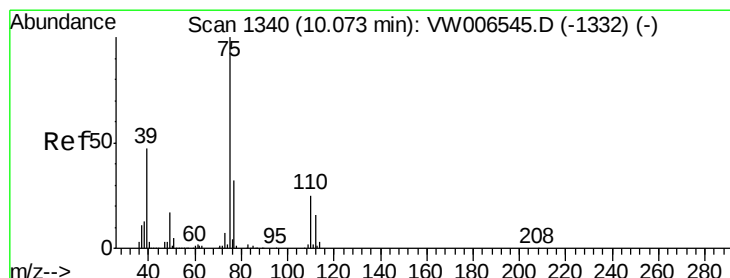
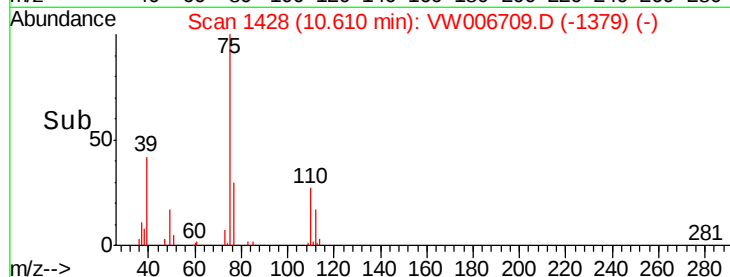
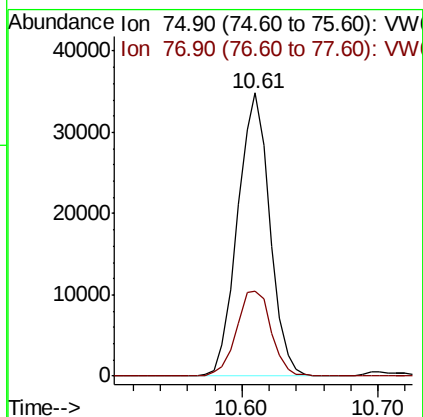
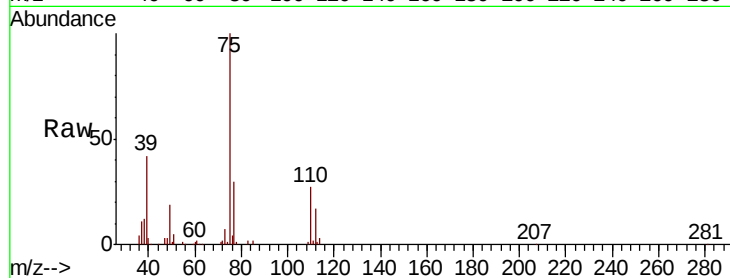
75 100

77 30.1 25.6 38.4

Manual Integrations
APPROVED

apatel

11/7/2018 2:06:29 PM



#54

cis-1,3-Dichloropropene

Concen: 22.830 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

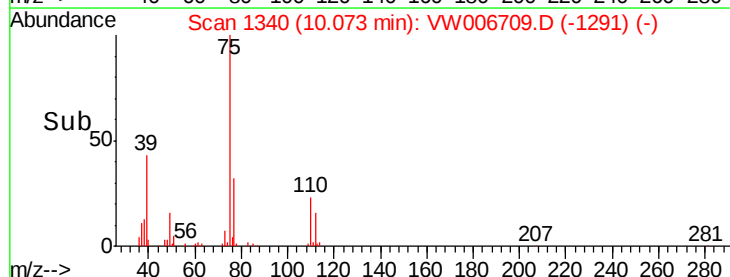
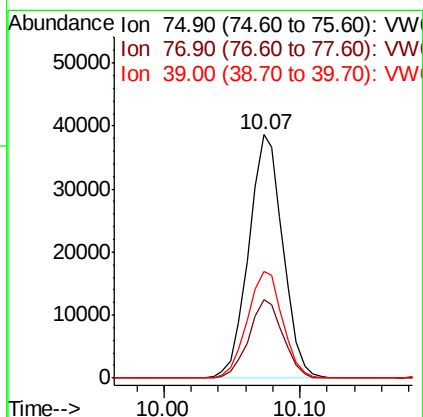
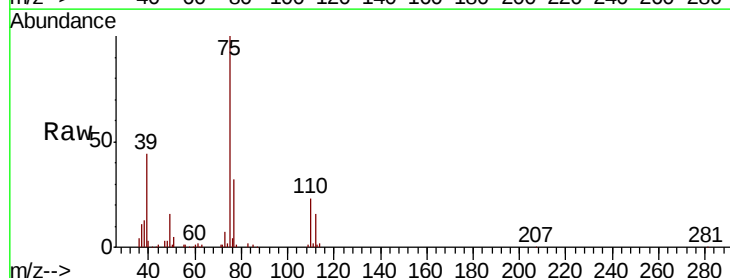
Tgt Ion: 75 Resp: 67650

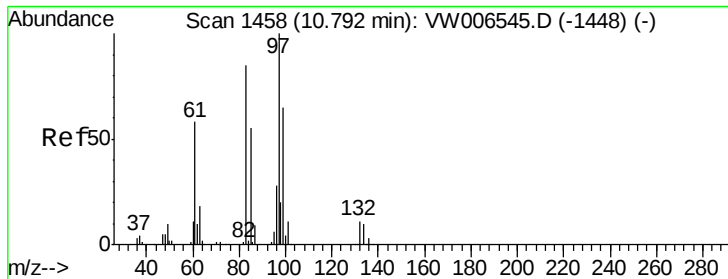
Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

39 43.7 37.3 55.9





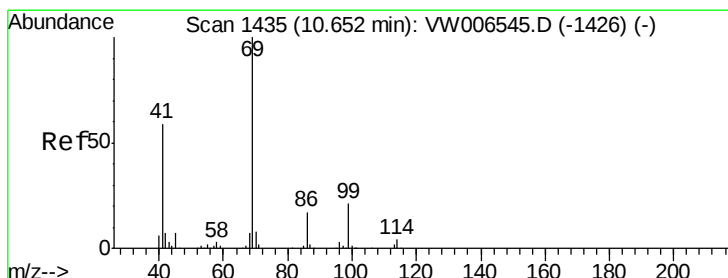
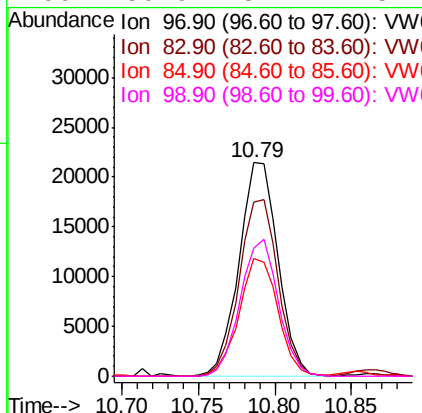
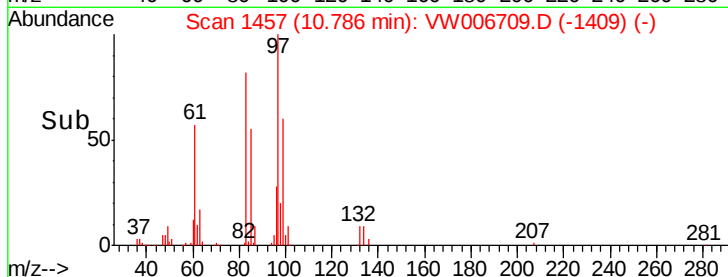
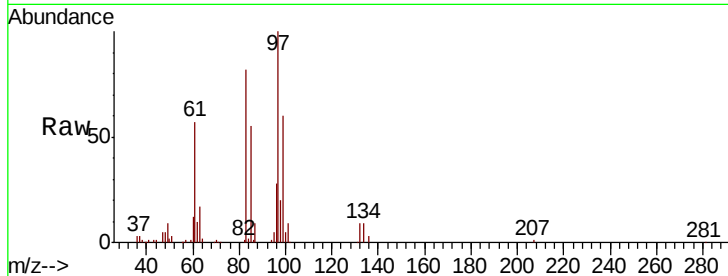
#55
 1,1,2-Trichloroethane
 Concen: 23.920 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion:	97	Resp:	38084
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.9	101.9
85	55.3	44.0	66.0
99	59.9	52.2	78.2

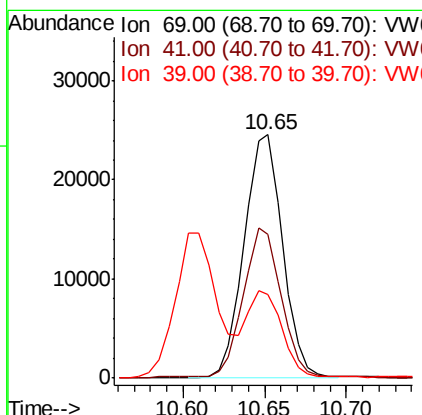
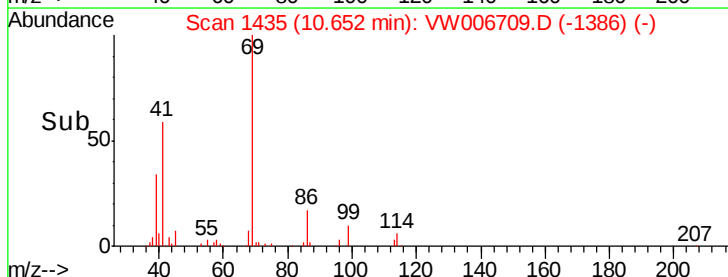
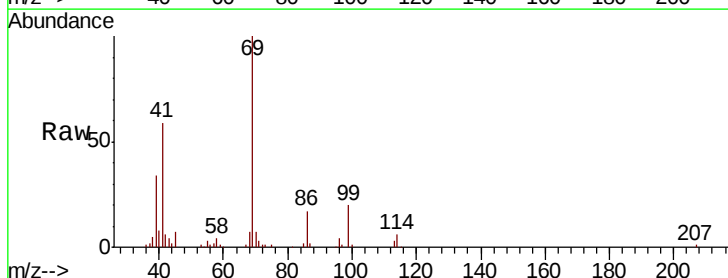
Manual Integrations
 APPROVED

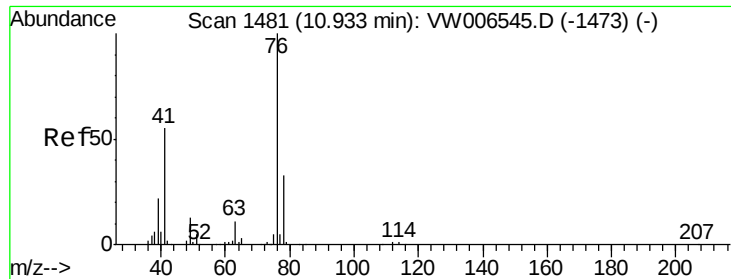
apatel
 11/7/2018 2:06:29 PM



#56
 Ethyl methacrylate
 Concen: 22.442 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Tgt Ion:	69	Resp:	40611
Ion	Ratio	Lower	Upper
69	100		
41	61.6	47.4	71.2
39	31.0	25.3	37.9





#57

1,3-Dichloropropane

Concen: 23.519 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBS02

Tot Ion: 76 Resp: 60804

Ion Ratio Lower Upper

76 100

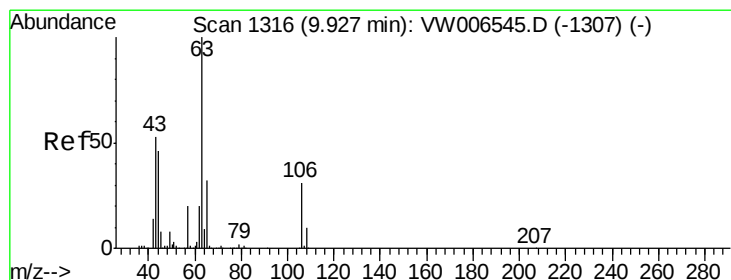
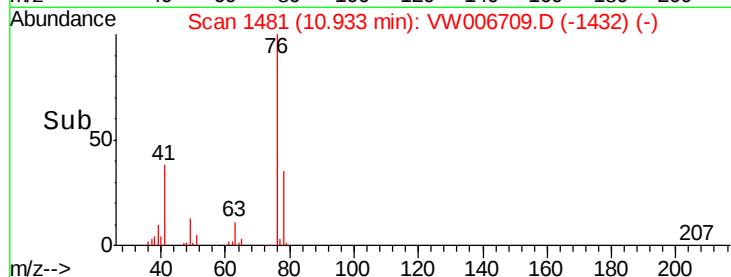
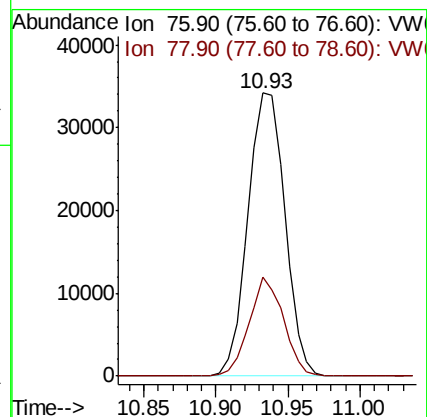
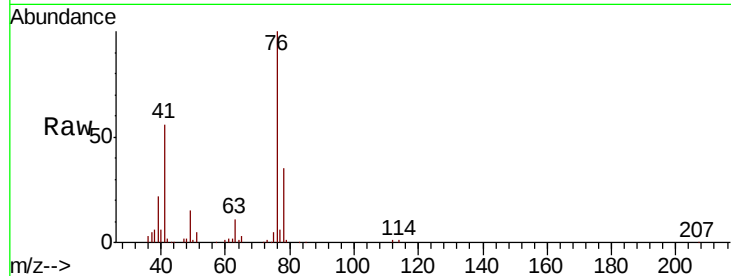
78 32.3 26.2 39.4

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:29 PM



#58

2-Chloroethyl Vinyl ether

Concen: 114.414 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006709.D

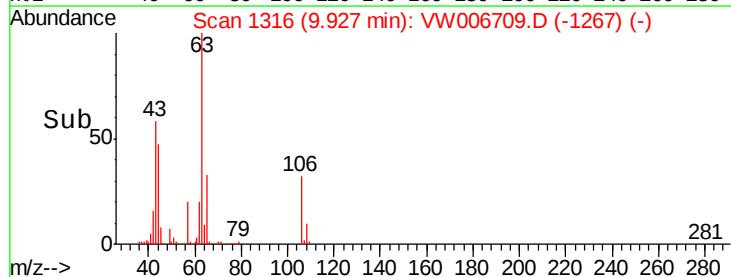
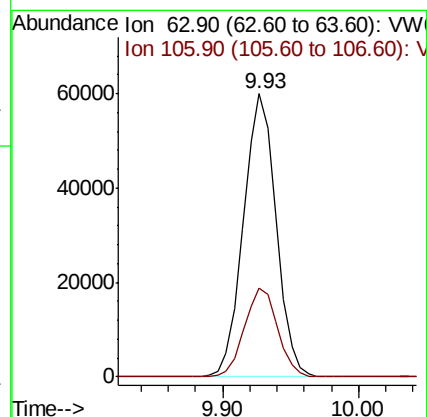
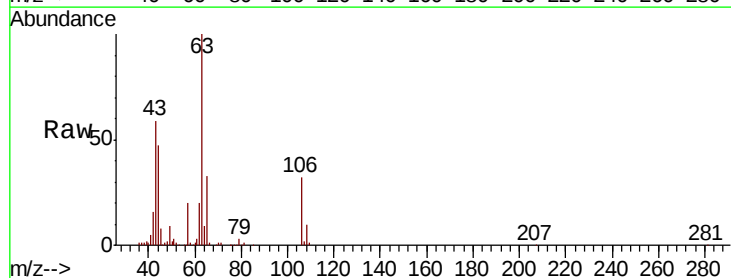
Acq: 07 Nov 2018 02:54

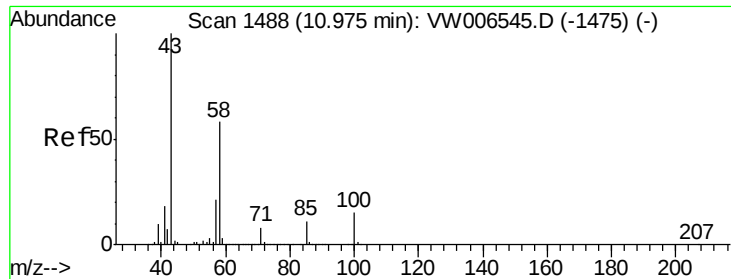
Tgt Ion: 63 Resp: 100647

Ion Ratio Lower Upper

63 100

106 31.7 25.4 38.2





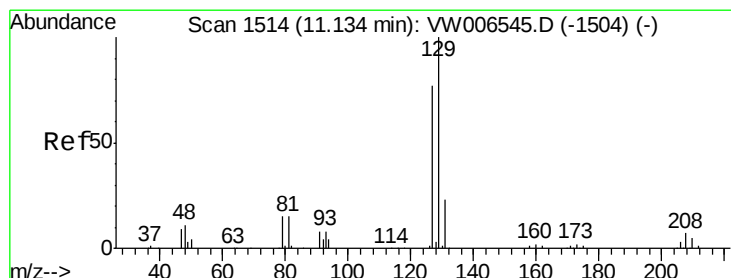
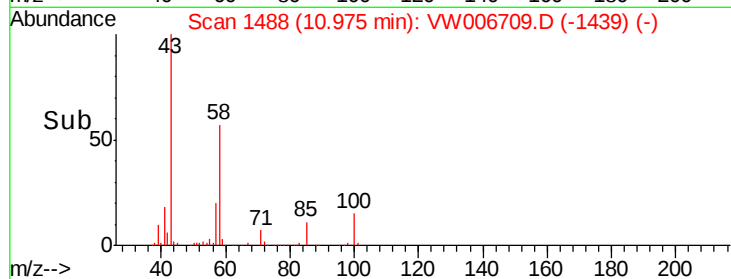
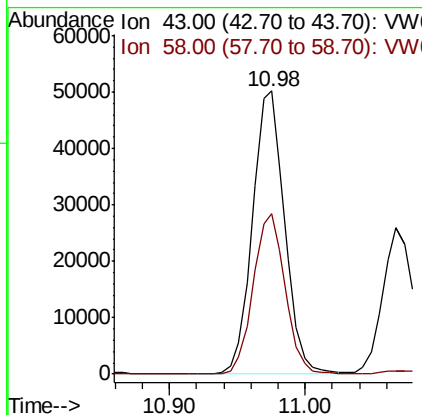
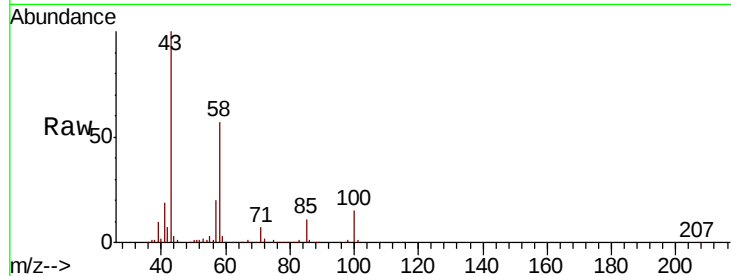
#59
2-Hexanone
Concen: 119.358 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion: 43 Resp: 83145
Ion Ratio Lower Upper
43 100
58 56.5 28.8 86.4

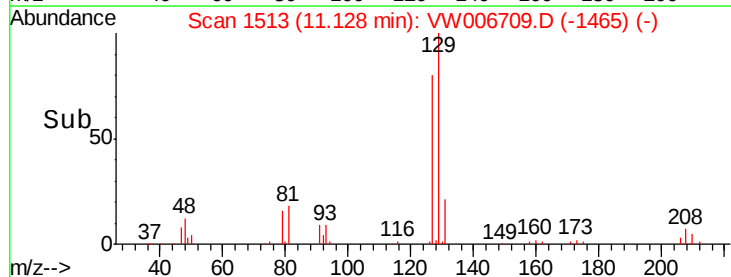
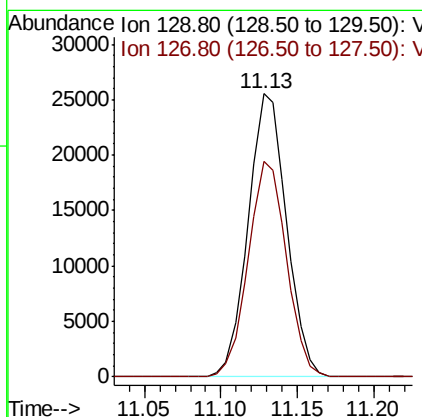
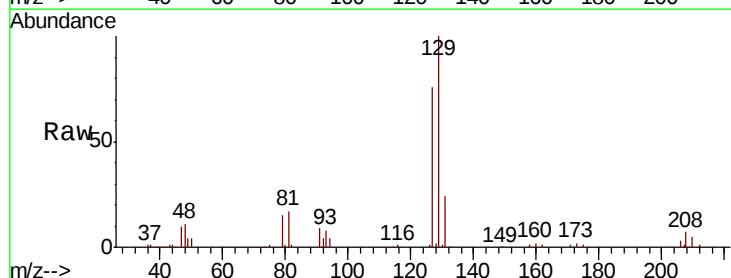
Manual Integrations
APPROVED

apatel
11/7/2018 2:06:29 PM



#60
Dibromochloromethane
Concen: 23.625 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion: 129 Resp: 44565
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.3





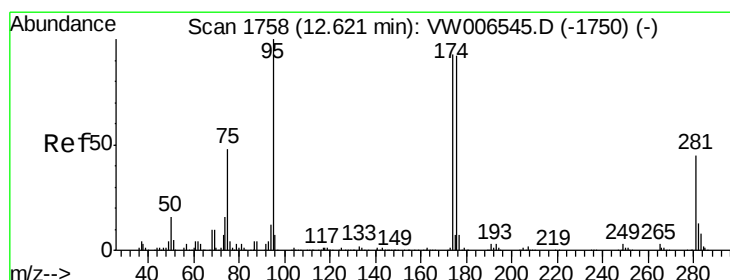
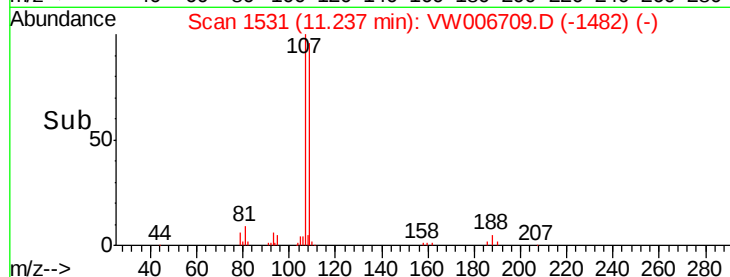
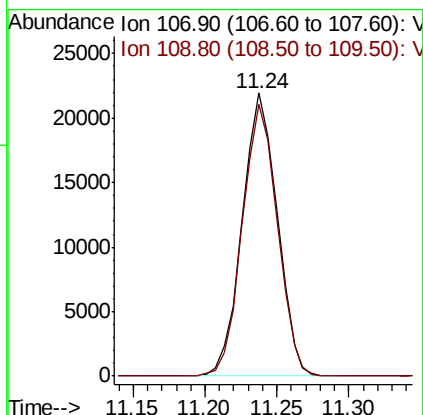
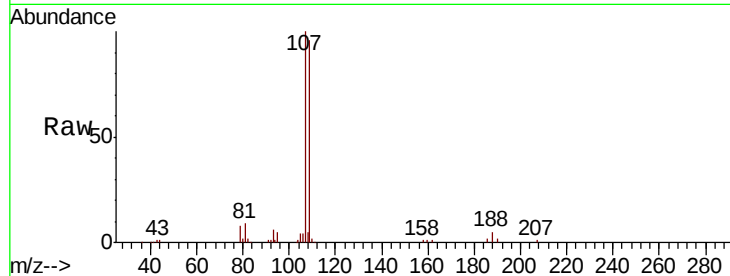
#61
1,2-Dibromoethane
Concen: 23.411 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.8	113.6

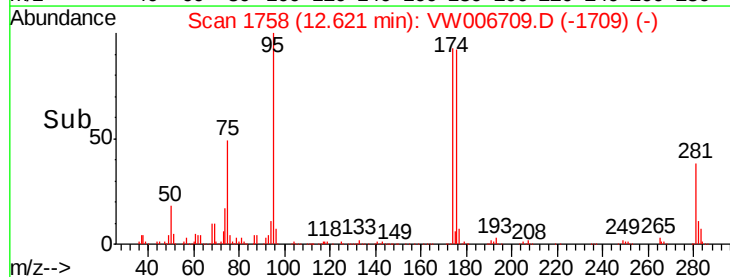
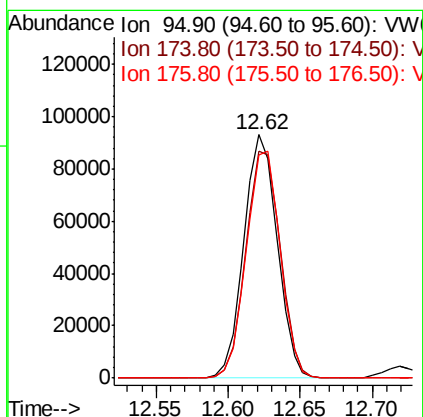
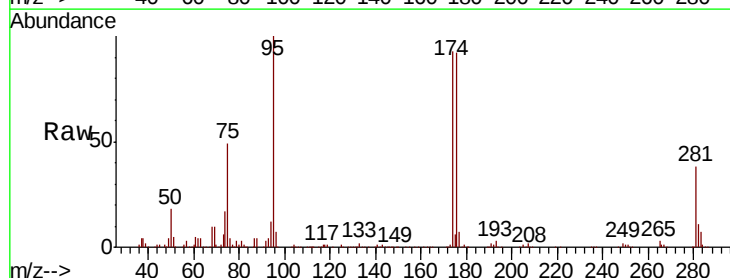
Manual Integrations
APPROVED

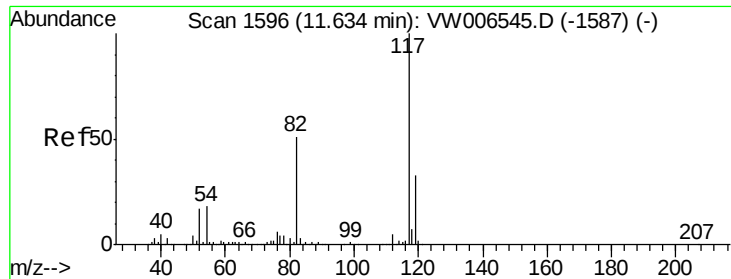
apatel
11/7/2018 2:06:29 PM



#62
4-Bromofluorobenzene
Concen: 52.416 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	192.4
176	94.8	0.0	187.4





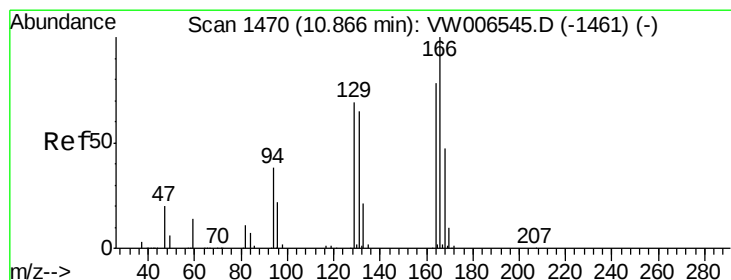
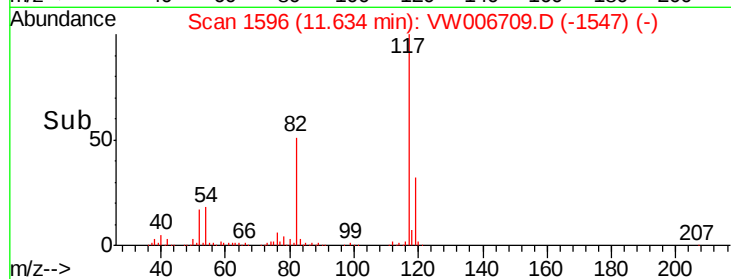
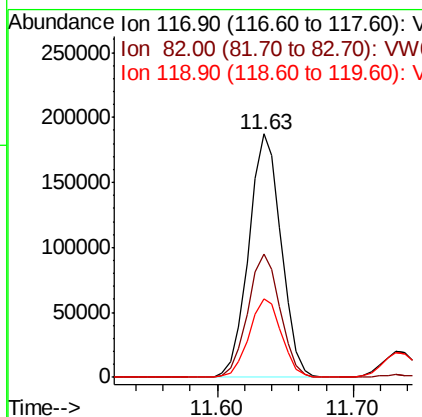
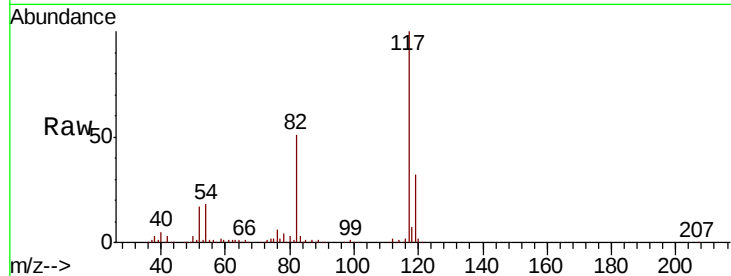
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.8	61.2
119	32.1	26.1	39.1

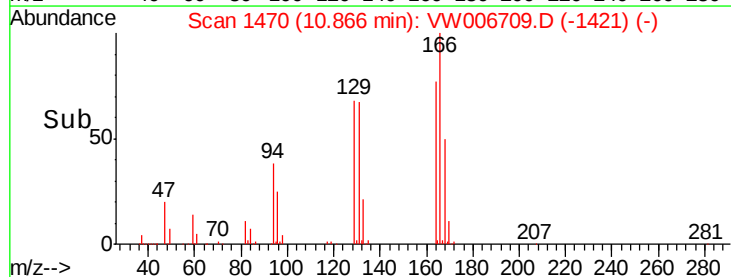
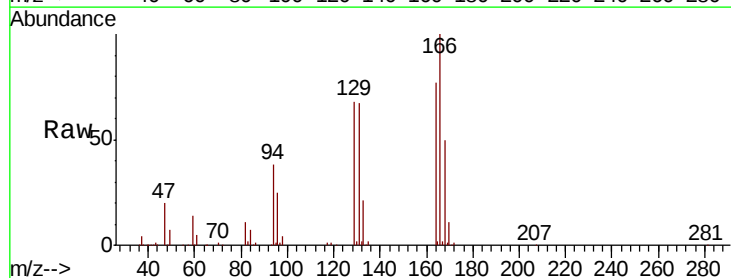
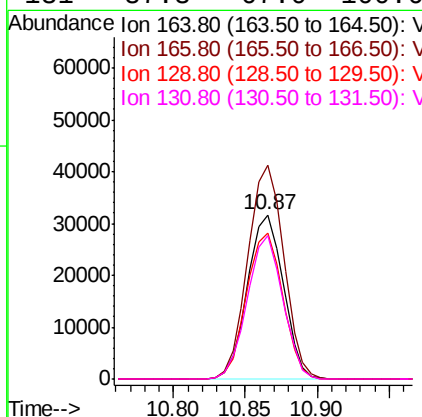
Manual Integrations
APPROVED

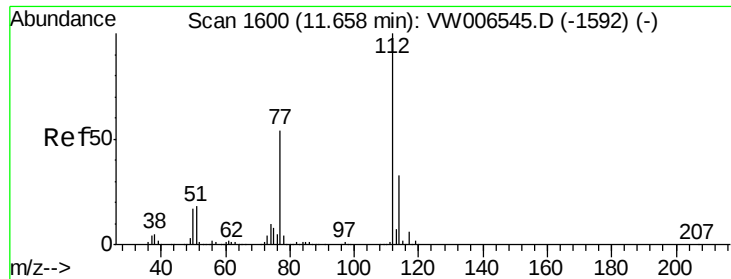
apatel
11/7/2018 2:06:29 PM



#64
Tetrachloroethene
Concen: 21.878 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	102.8	154.2
129	88.8	70.9	106.3
131	87.3	67.0	100.6





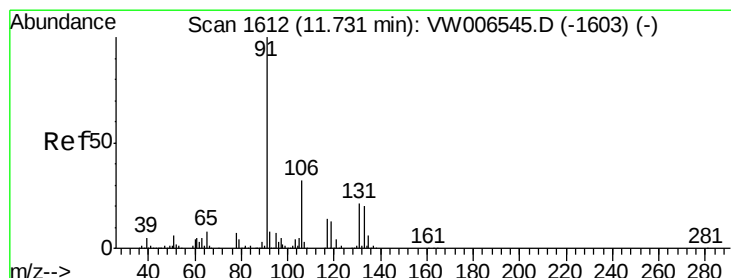
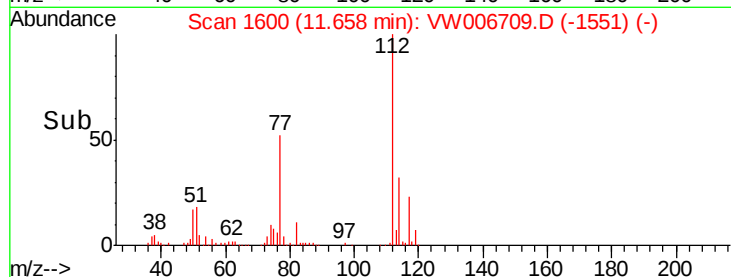
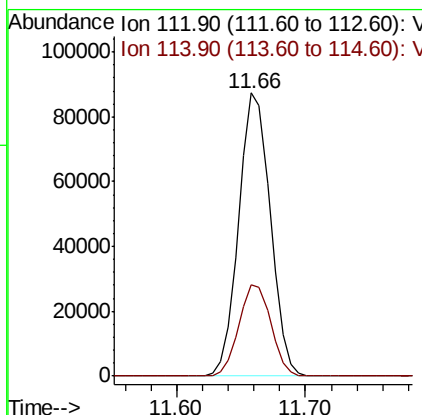
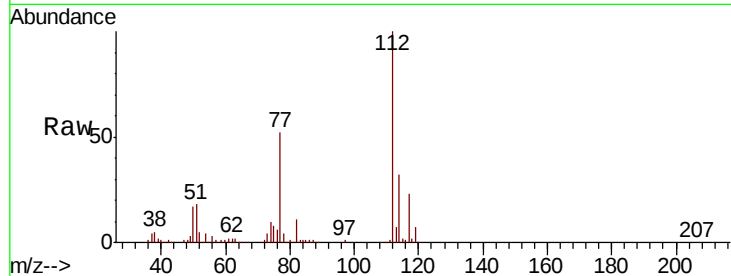
#65
Chlorobenzene
Concen: 22.526 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.2	39.2

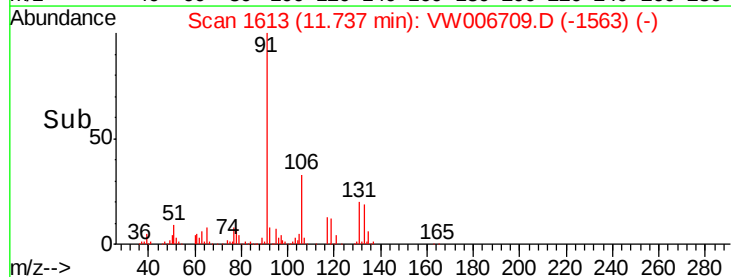
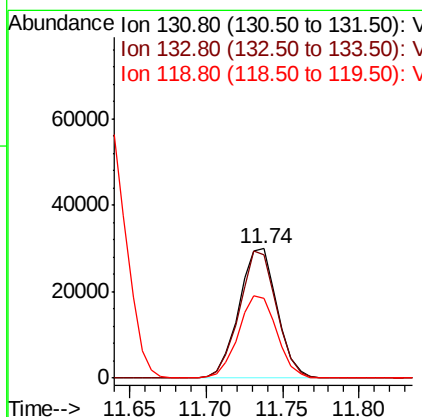
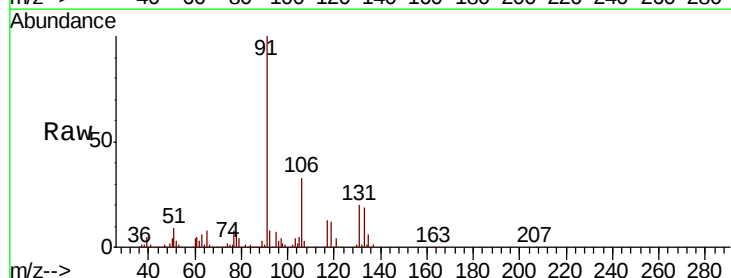
Manual Integrations
APPROVED

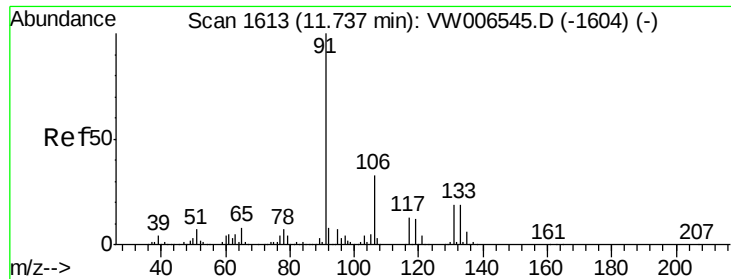
apatel
11/7/2018 2:06:29 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 22.437 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.5	142.5
119	64.4	31.9	95.5





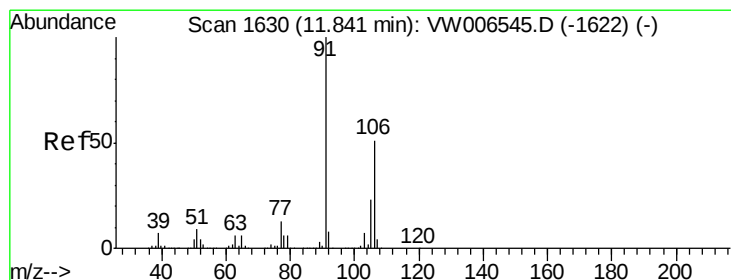
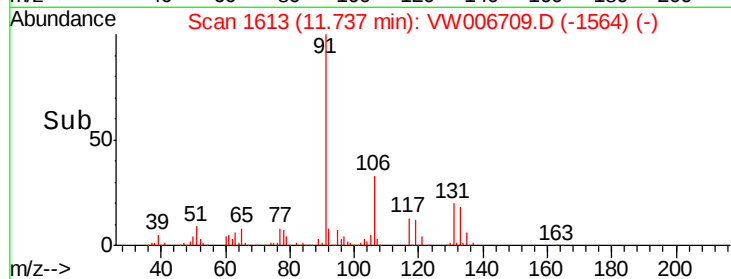
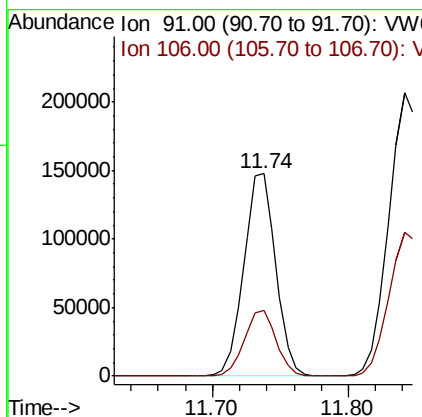
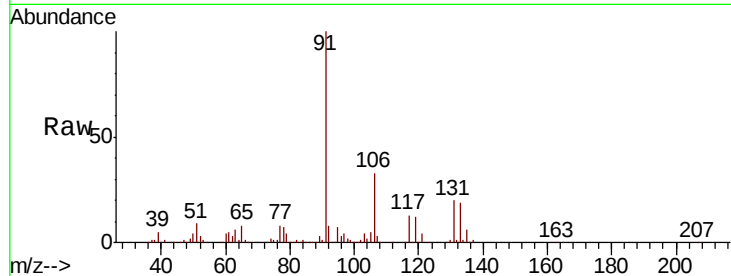
#67
Ethyl Benzene
Concen: 22.024 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBSD02

Tot Ion: 91 Resp: 242176
Ion Ratio Lower Upper
91 100
106 32.5 26.3 39.5

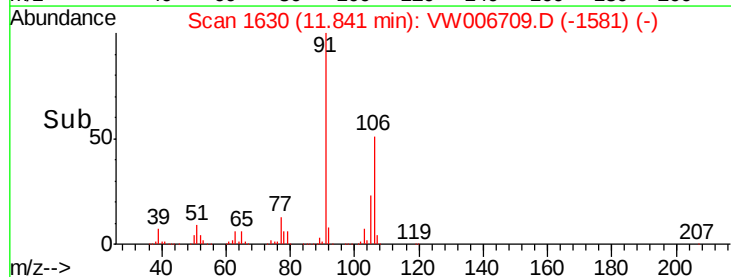
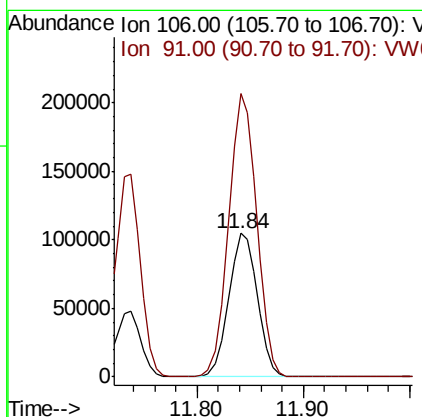
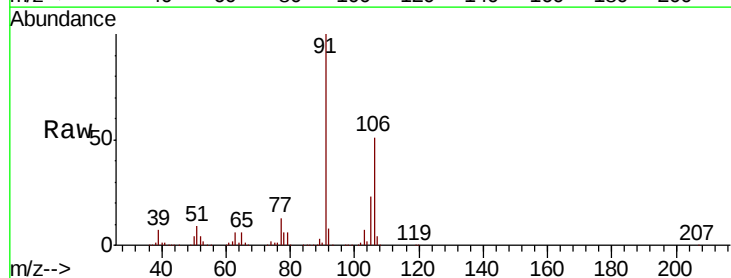
Manual Integrations
APPROVED

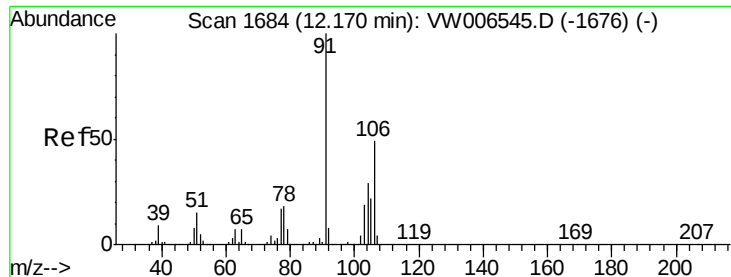
apatel
11/7/2018 2:06:29 PM



#68
m/p-Xylenes
Concen: 44.745 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion: 106 Resp: 196575
Ion Ratio Lower Upper
106 100
91 194.2 156.7 235.1





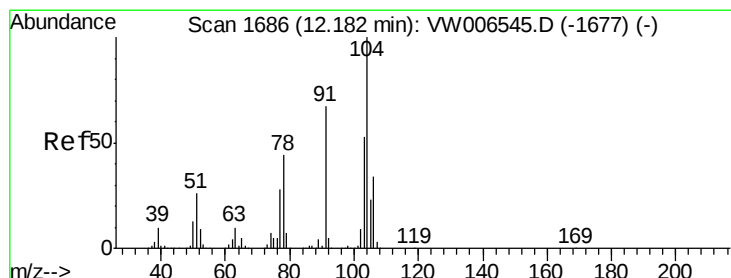
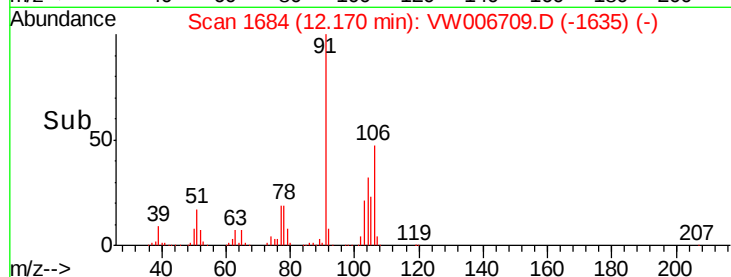
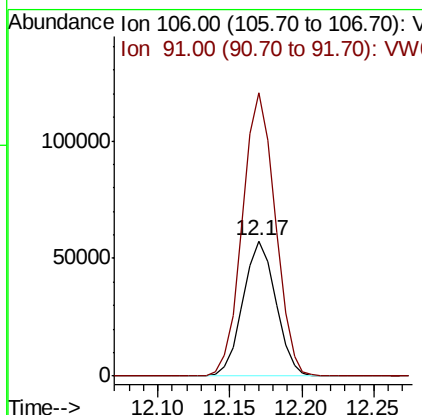
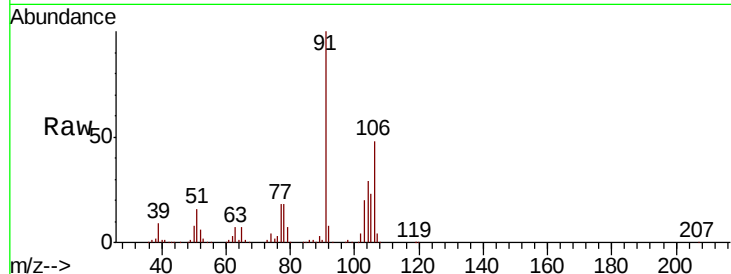
#69
o-Xylene
Concen: 21.672 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleID :
VW1106SBS02

Tot Ion:106 Resp: 90642
Ion Ratio Lower Upper
106 100
91 210.1 102.8 308.4

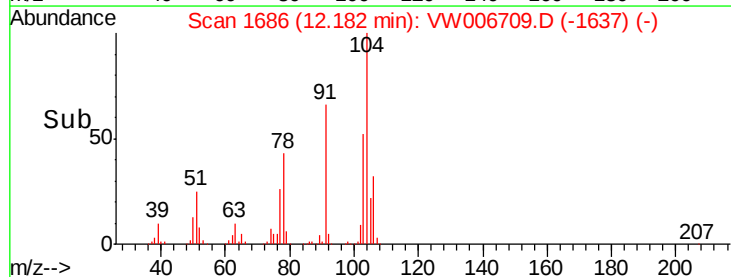
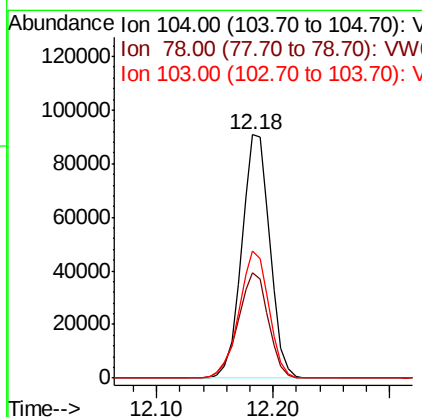
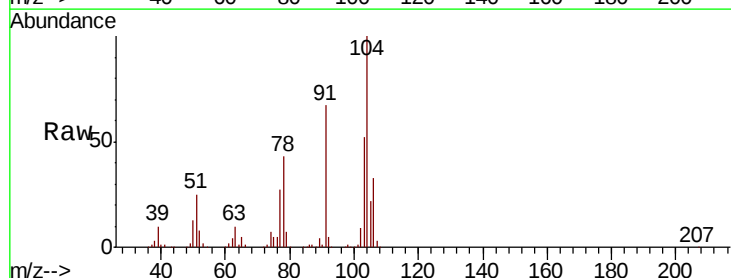
Manual Integrations
APPROVED

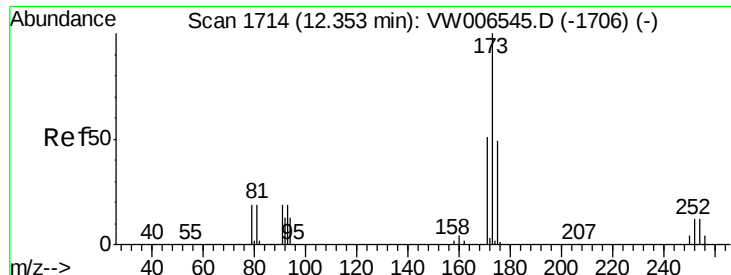
apatel
11/7/2018 2:06:29 PM



#70
Styrene
Concen: 22.390 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion:104 Resp: 152675
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 55.1 44.2 66.2





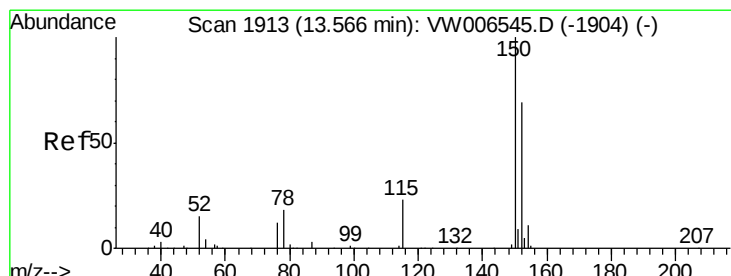
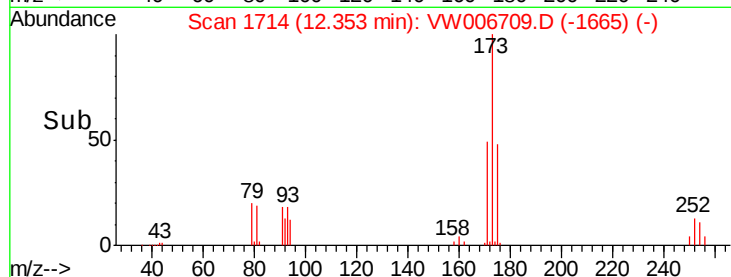
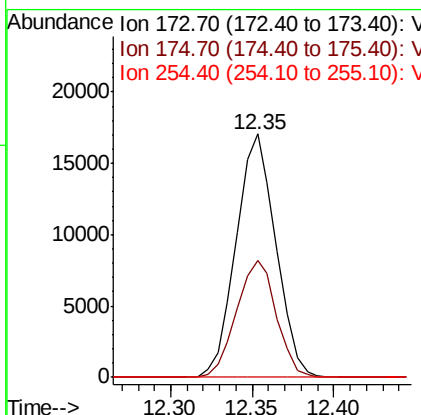
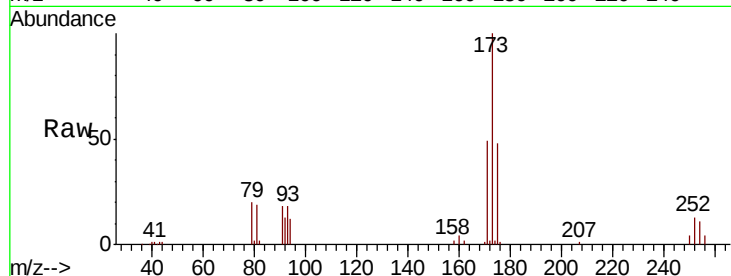
#71
Bromoform
Concen: 23.503 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.4
254	0.0	0.1	0.1#

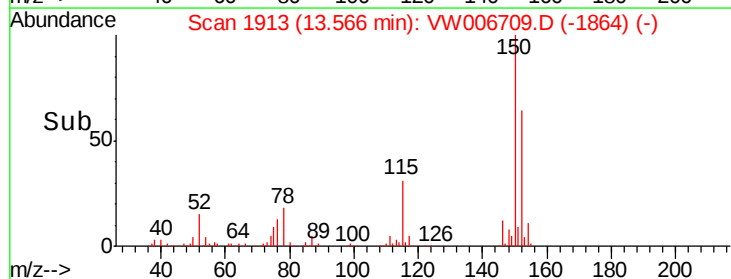
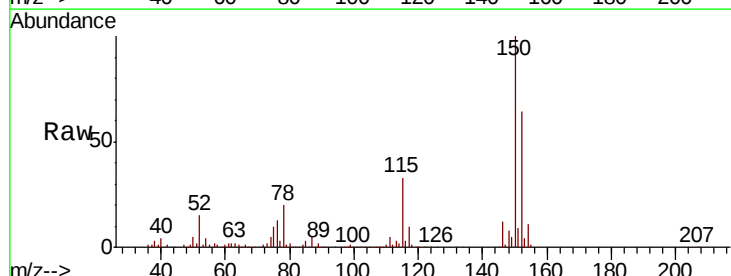
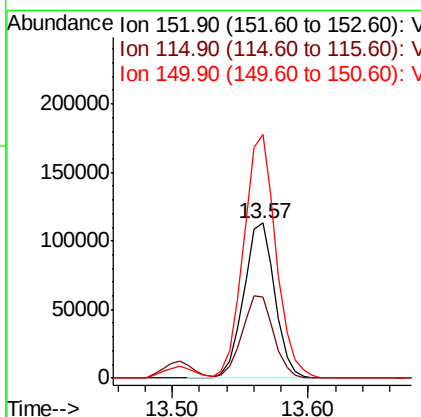
Manual Integrations
APPROVED

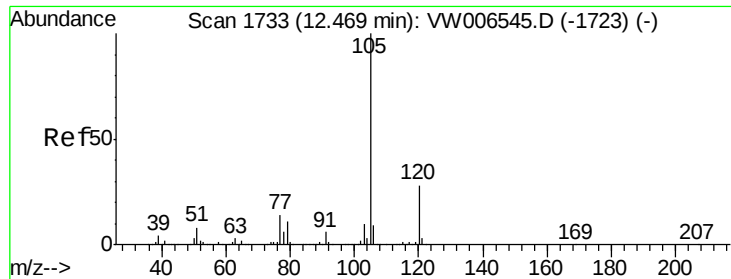
apatel
11/7/2018 2:06:29 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.6	79.8
150	163.4	0.0	344.6





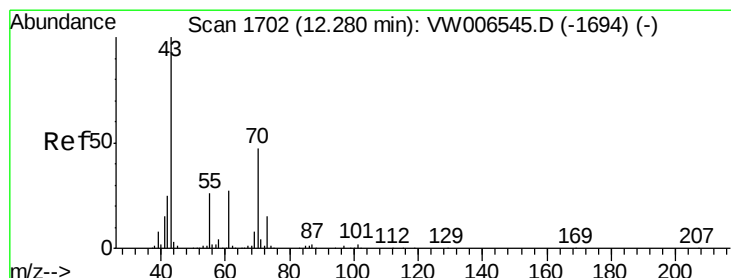
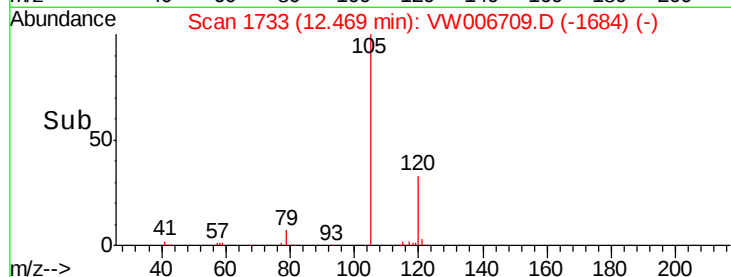
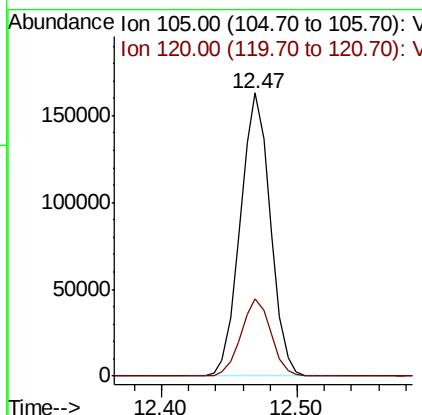
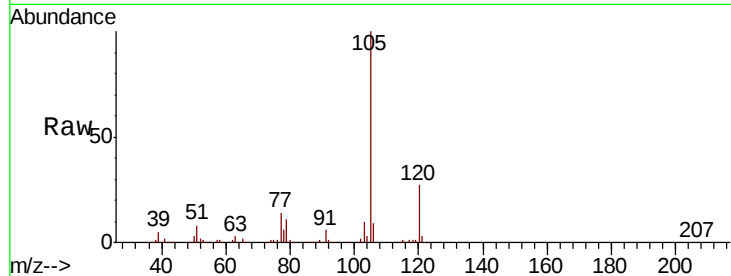
#73
Isopropylbenzene
Concen: 21.125 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.7	41.1

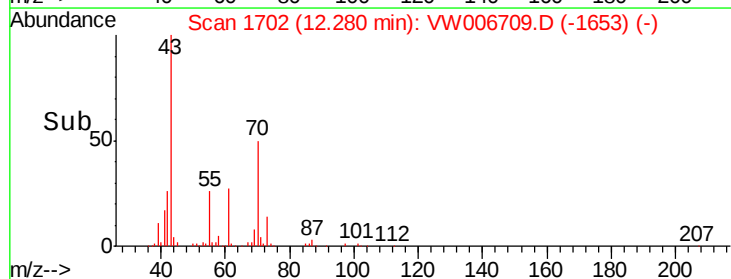
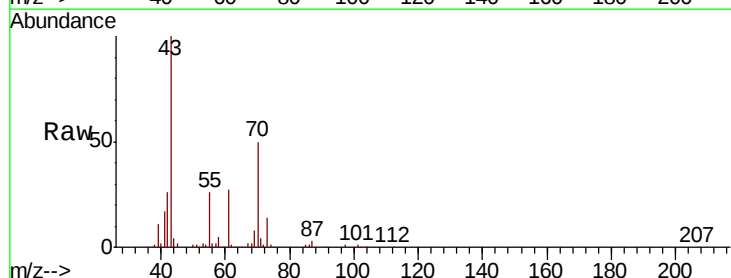
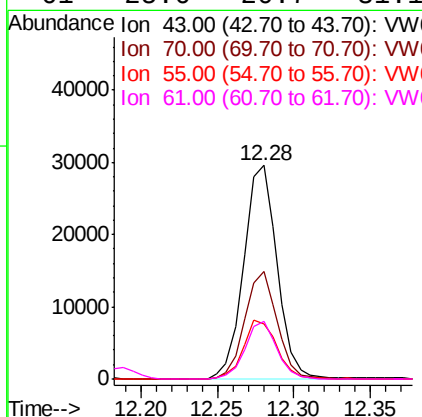
Manual Integrations
APPROVED

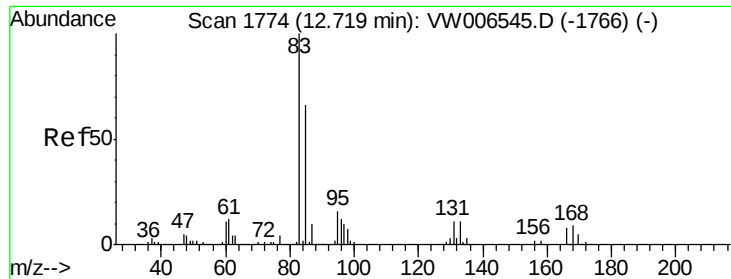
apatel
11/7/2018 2:06:29 PM



#74
N-ethyl acetate
Concen: 21.794 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.1	36.9	55.3
55	27.7	20.7	31.1
61	25.6	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.391 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

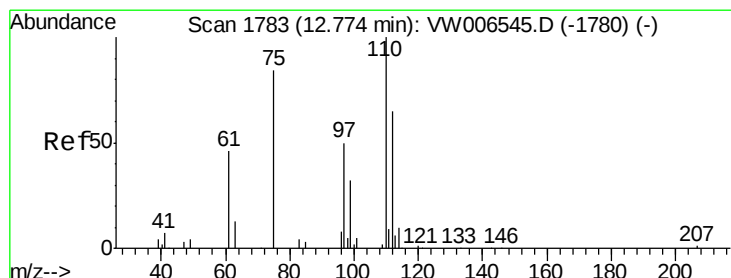
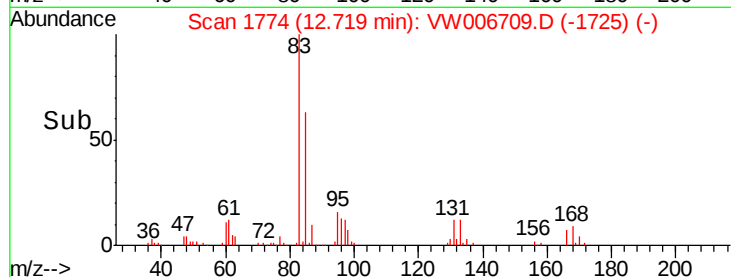
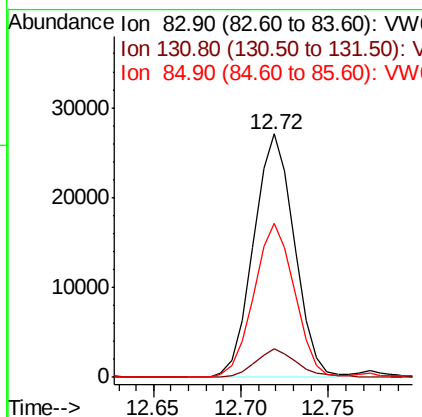
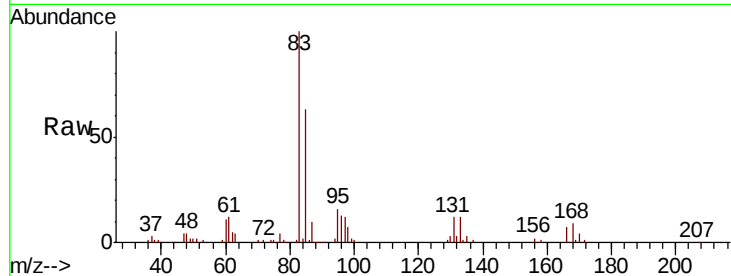
ClientSampled :

VW1106SBSD02

Tot Ion:	83	Resp:	43915
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.9	17.7
85	63.1	32.3	96.8

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:29 PM



#76

1,2,3-Trichloropropane

Concen: 23.544 ug/l m

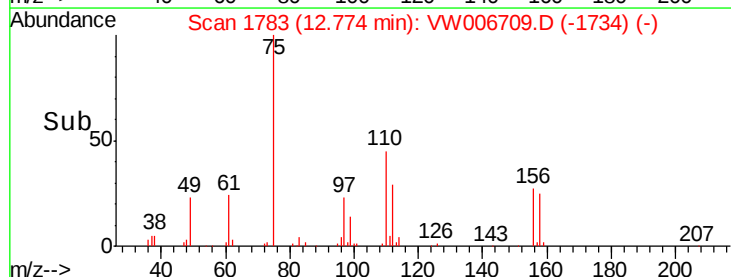
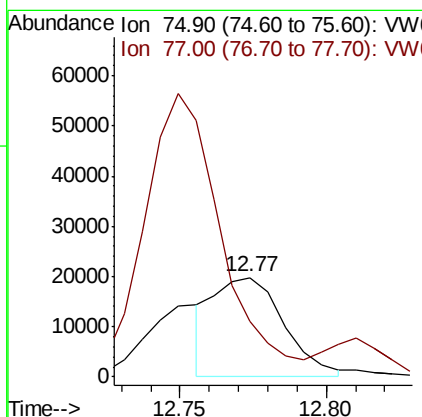
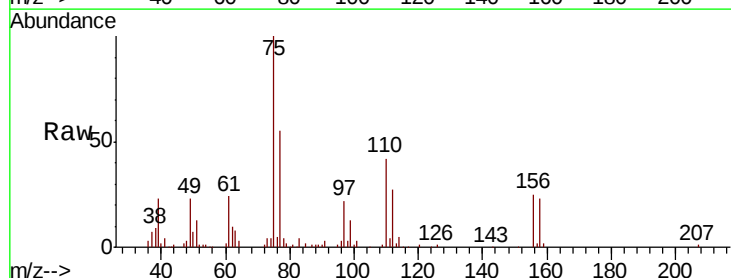
RT: 12.77 min Scan# 1783

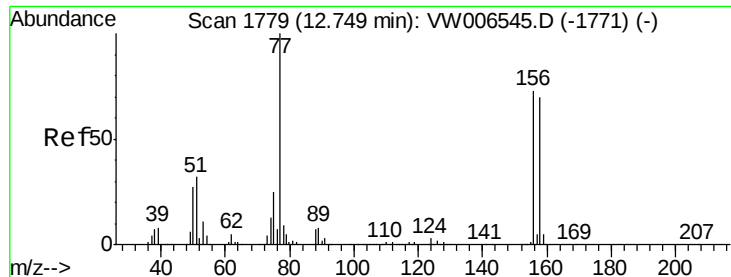
Delta R.T. 0.00 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Tgt Ion:	75	Resp:	33147
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.707 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006709.D

Acq: 07 Nov 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

VW1106SBSD02

Tot Ion:156 Resp: 66805

Ion Ratio Lower Upper

156 100

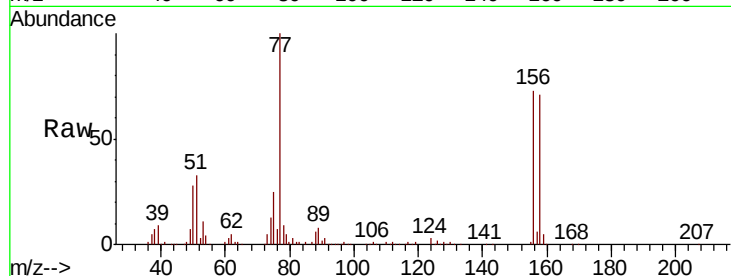
77 153.9 75.9 227.8

158 98.9 48.6 145.9

Manual Integrations
APPROVED

apatel

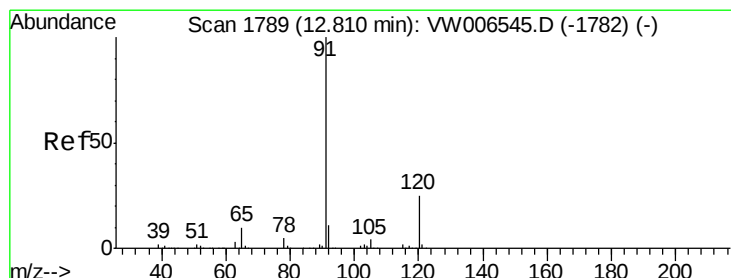
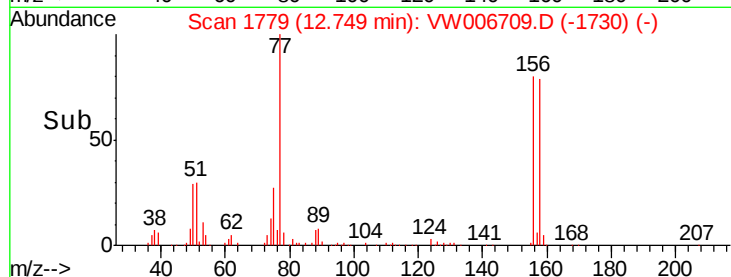
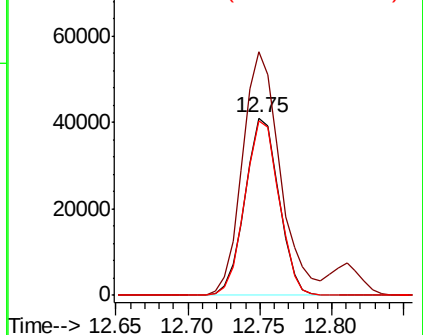
11/7/2018 2:06:29 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.803 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006709.D

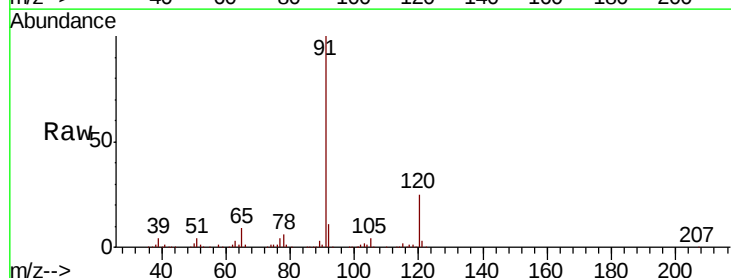
Acq: 07 Nov 2018 02:54

Tgt Ion: 91 Resp: 298104

Ion Ratio Lower Upper

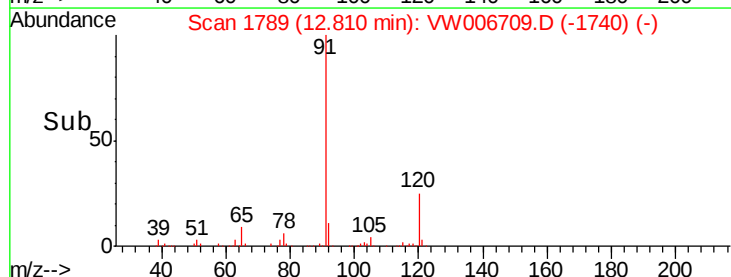
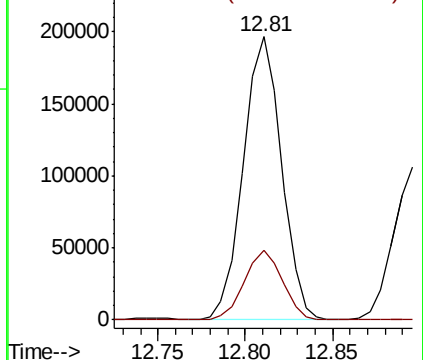
91 100

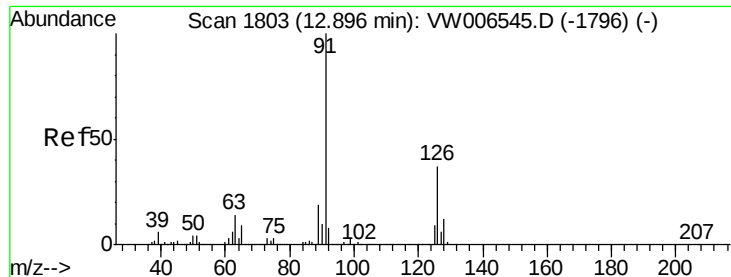
120 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





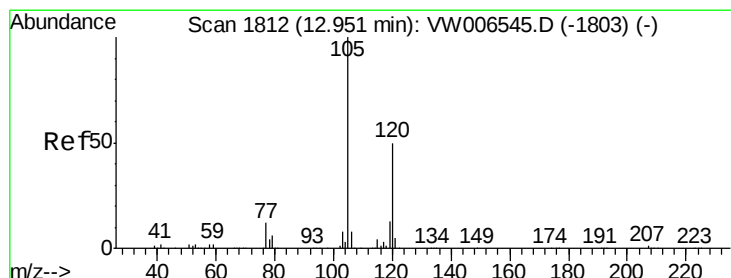
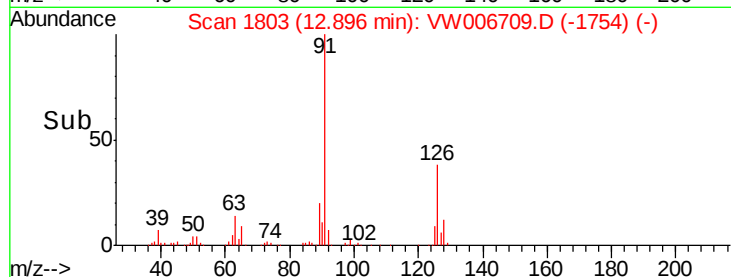
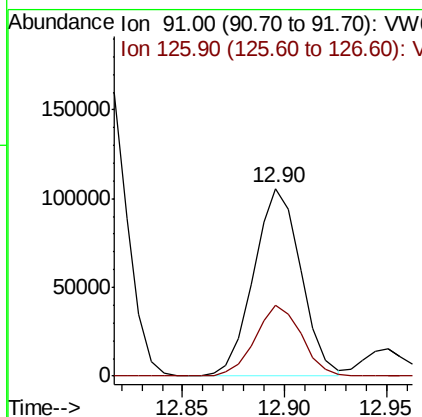
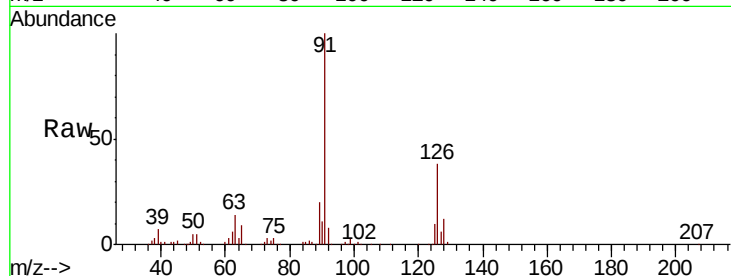
#79
 2-Chlorotoluene
 Concen: 21.623 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion: 91 Resp: 169663
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.5 55.5

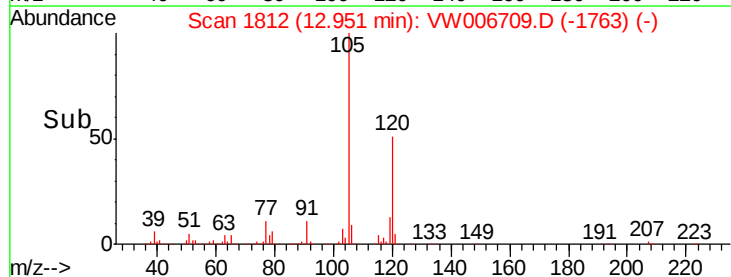
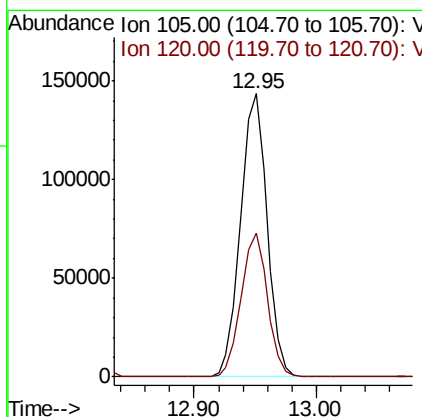
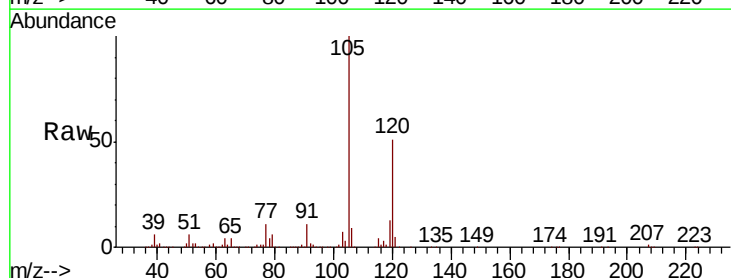
Manual Integrations
 APPROVED

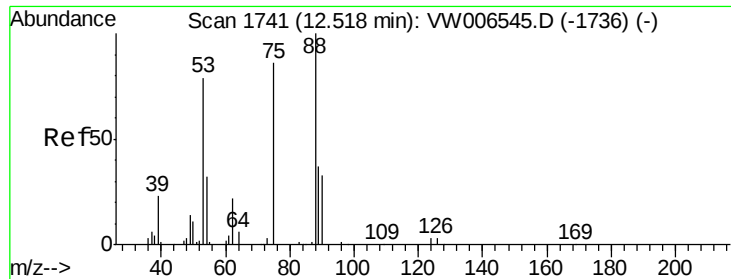
apatel
 11/7/2018 2:06:29 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.624 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Tgt Ion: 105 Resp: 215942
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.1 75.3





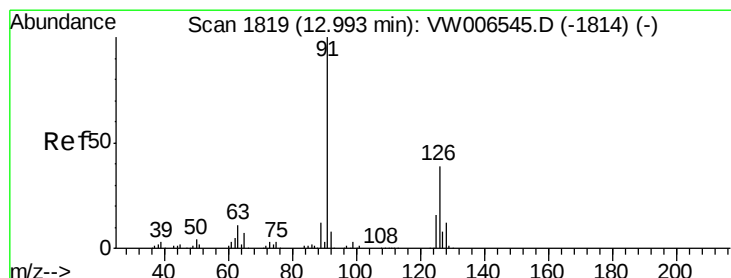
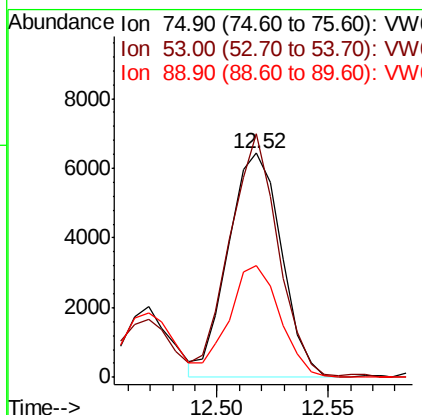
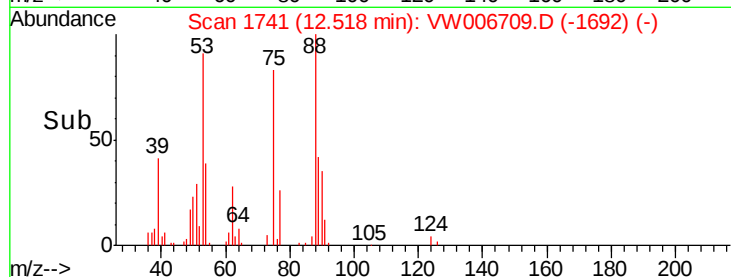
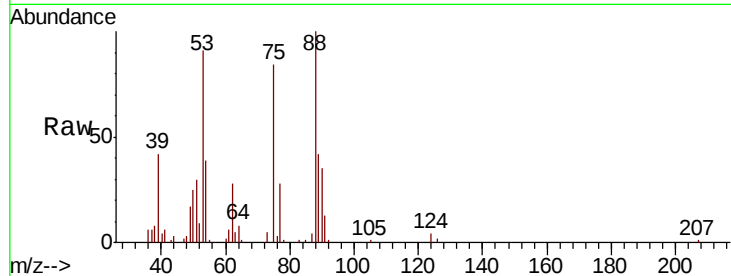
#81
trans-1,4-Dichloro-2-butene
Concen: 21.348 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.9	77.2	115.8
89	48.5	38.6	58.0

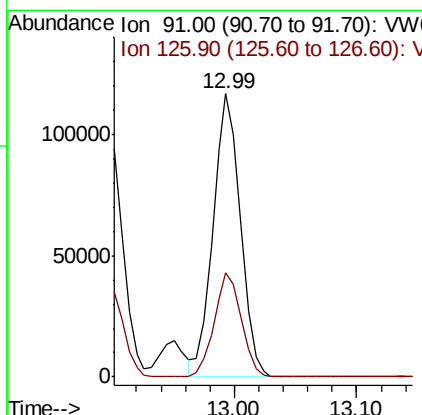
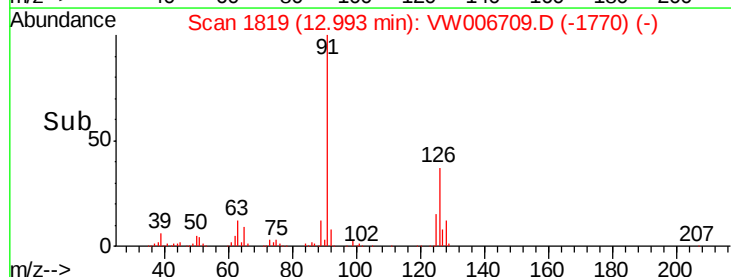
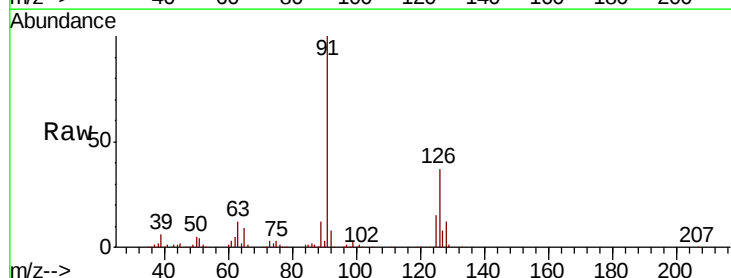
Manual Integrations
APPROVED

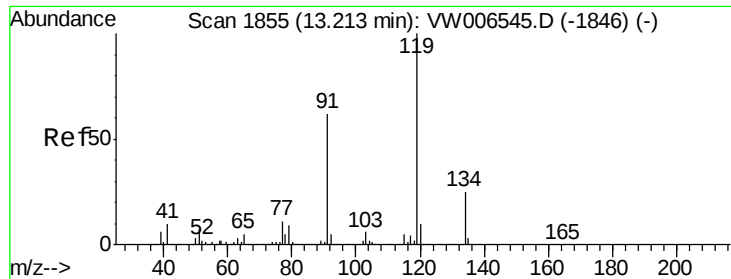
apatel
11/7/2018 2:06:29 PM



#82
4-Chlorotoluene
Concen: 21.857 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.5	55.5





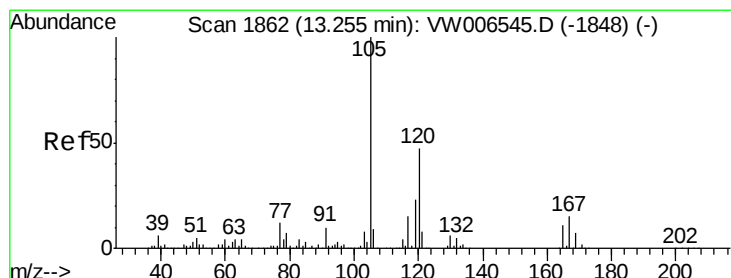
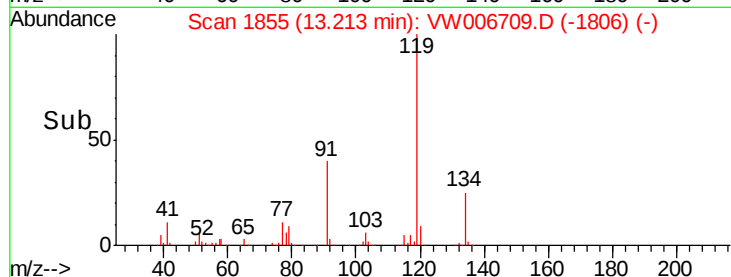
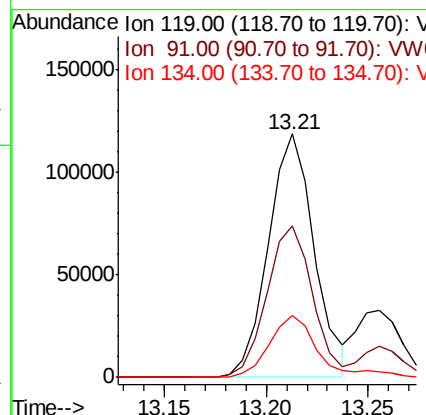
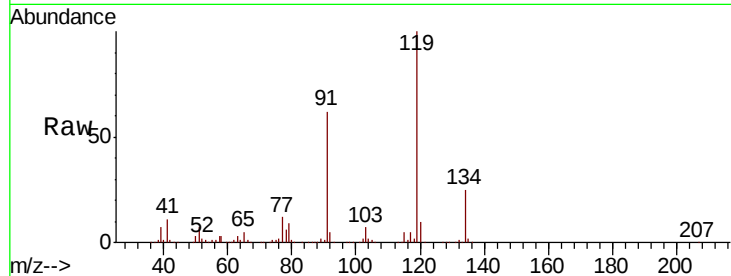
#83
tert-Butylbenzene
Concen: 20.915 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	30.4	91.3
134	25.4	13.5	40.4

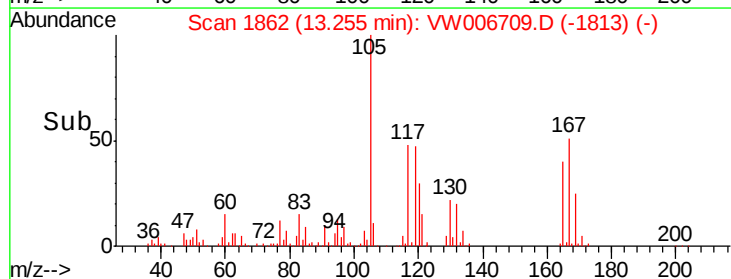
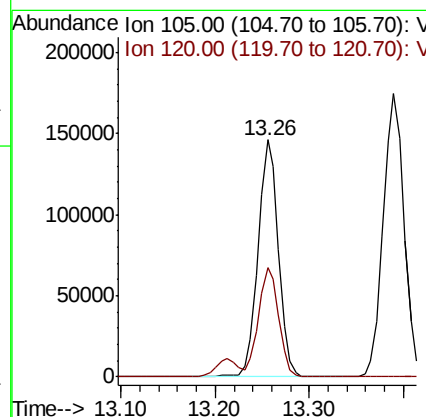
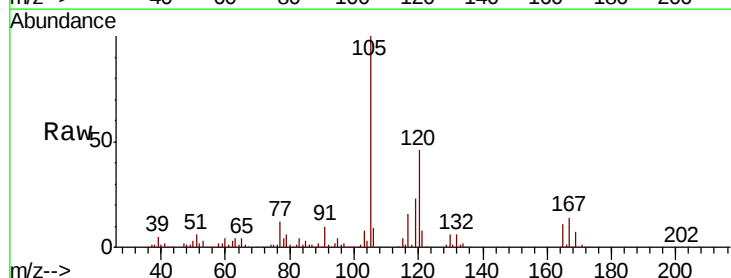
Manual Integrations
APPROVED

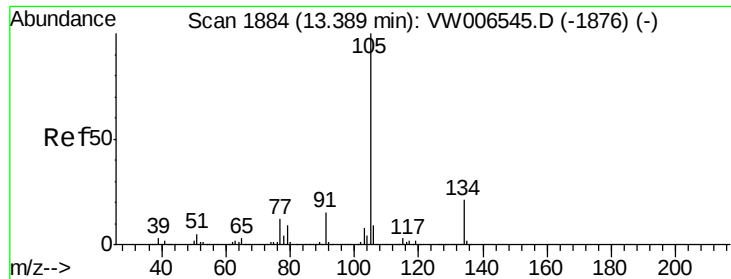
apatel
11/7/2018 2:06:29 PM



#84
1,2,4-Trimethylbenzene
Concen: 21.733 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.2	69.6





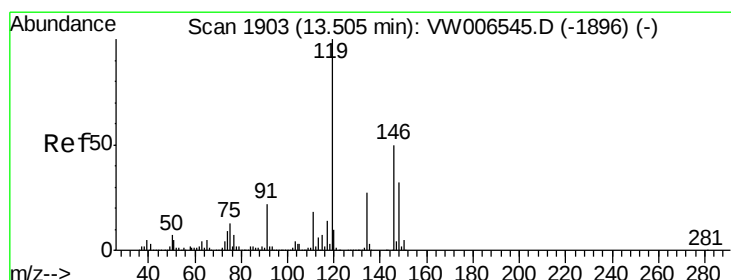
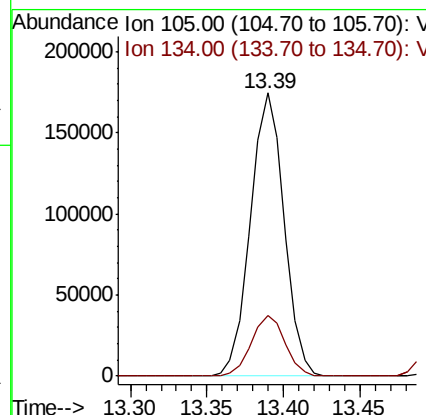
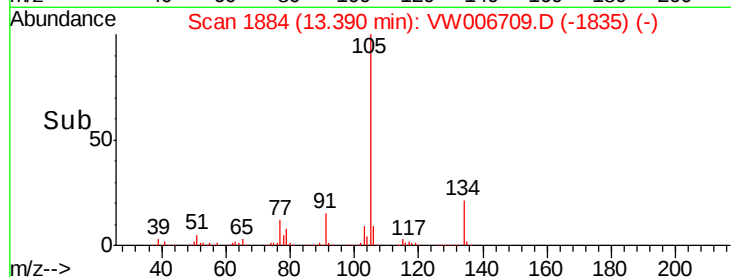
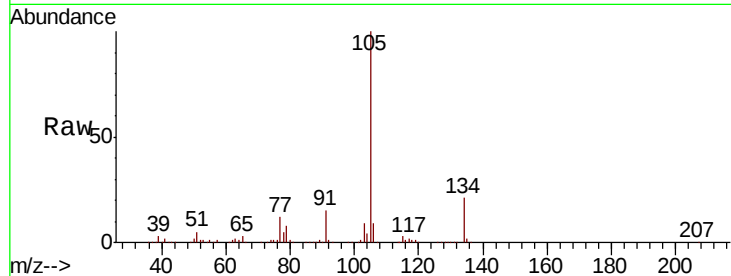
#85
 sec-Butylbenzene
 Concen: 21.411 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.6	31.8

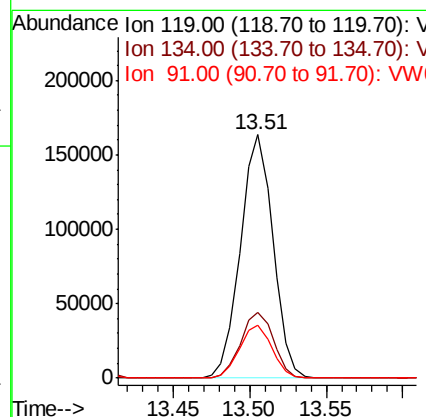
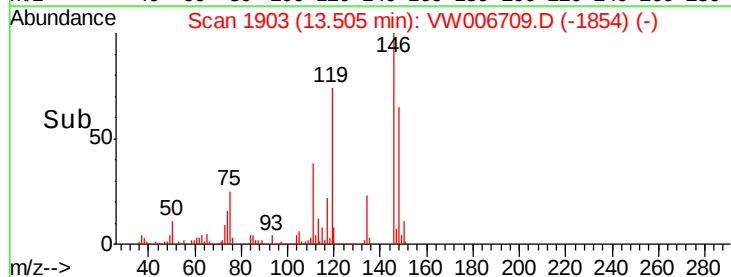
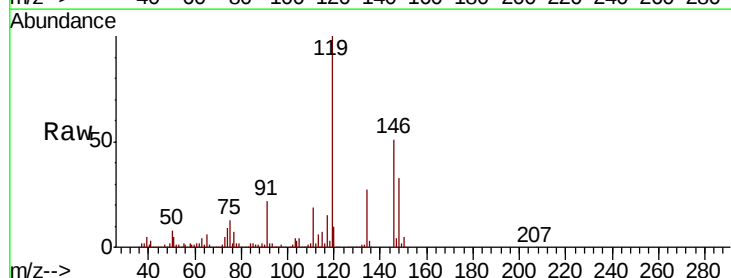
Manual Integrations
 APPROVED

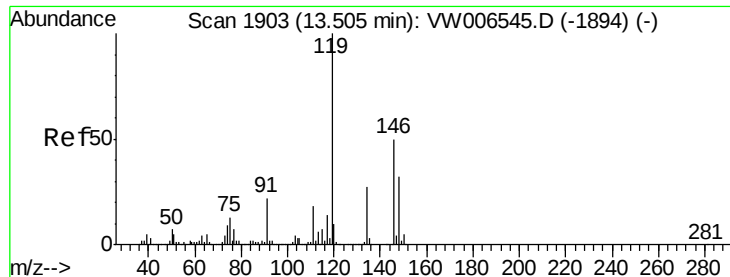
apatel
 11/7/2018 2:06:29 PM



#86
 p-Isopropyltoluene
 Concen: 21.255 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.6	40.7
91	21.9	10.9	32.6





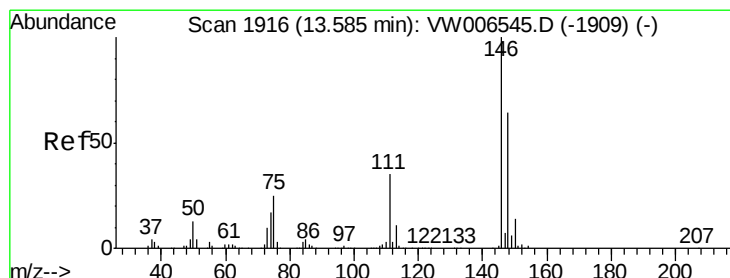
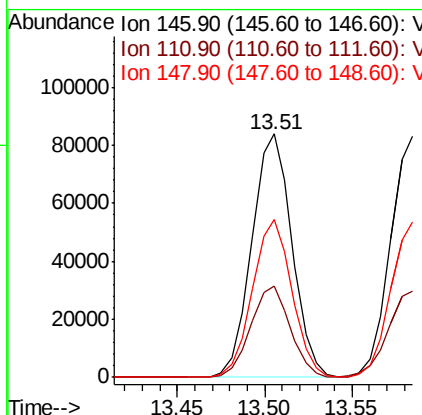
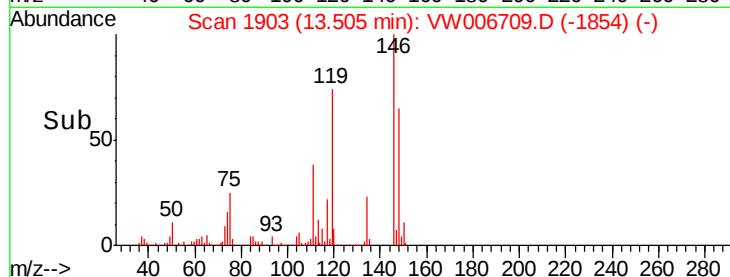
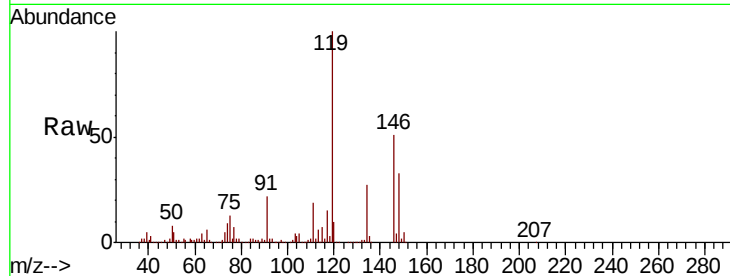
#87
 1,3-Dichlorobenzene
 Concen: 22.206 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.6
148	64.0	32.1	96.3

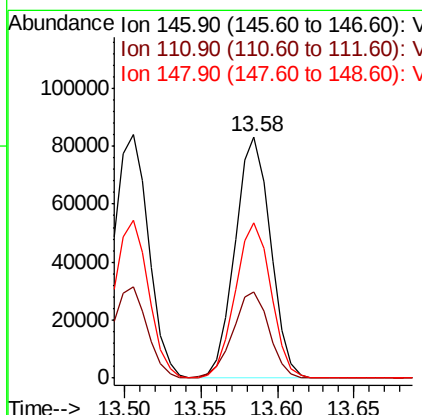
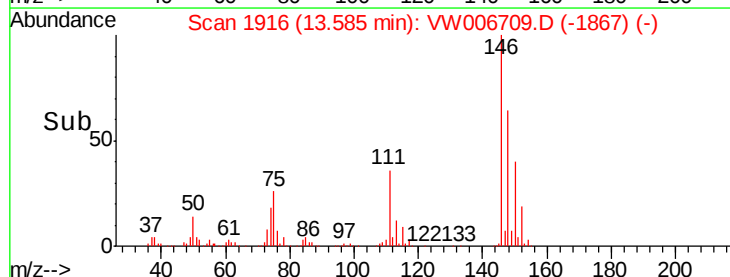
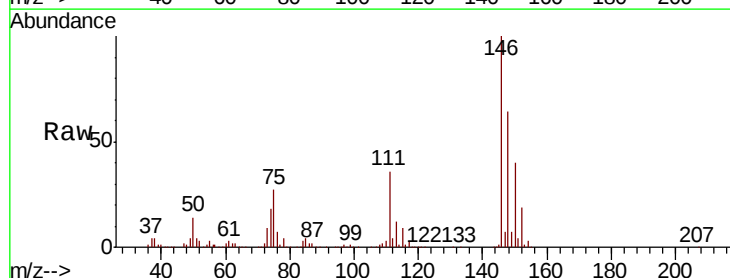
Manual Integrations
 APPROVED

apatel
 11/7/2018 2:06:29 PM



#88
 1,4-Dichlorobenzene
 Concen: 22.272 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.9	53.7
148	64.7	32.1	96.5





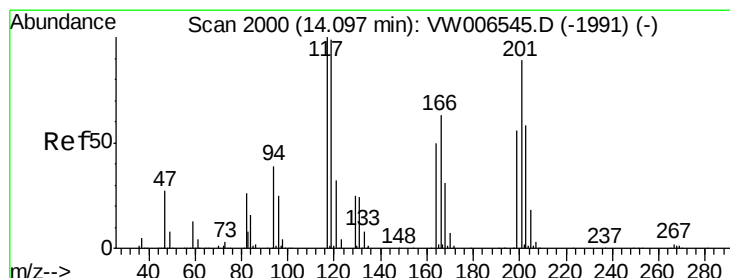
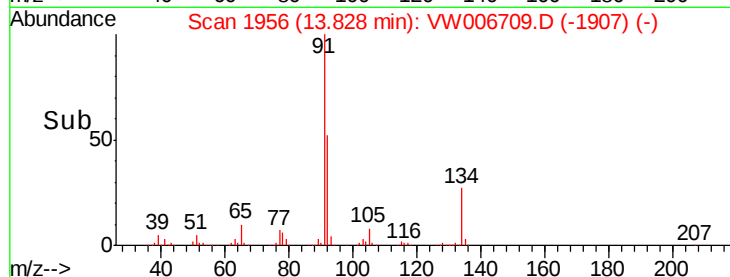
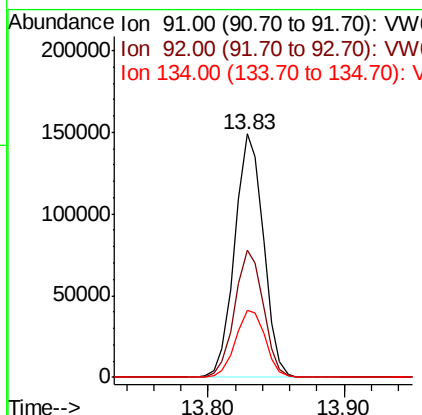
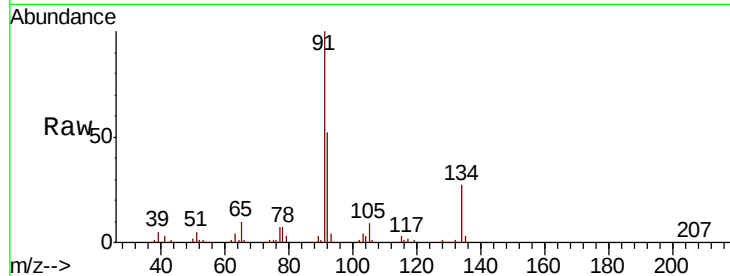
#89
n-Butylbenzene
Concen: 21.733 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.4	79.0
134	28.4	14.3	42.9

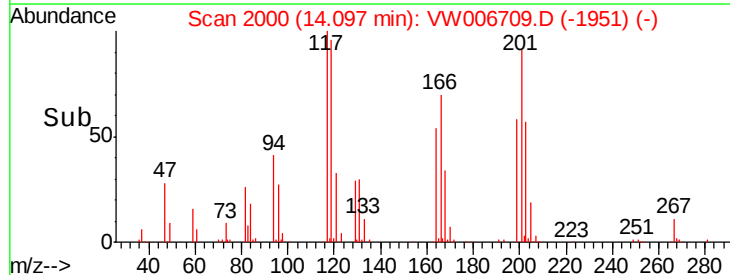
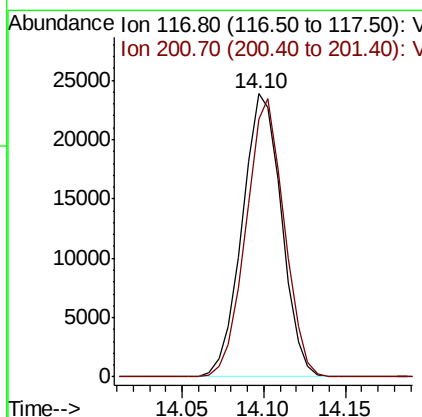
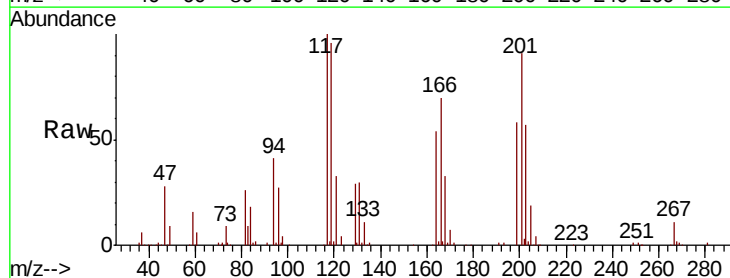
Manual Integrations
APPROVED

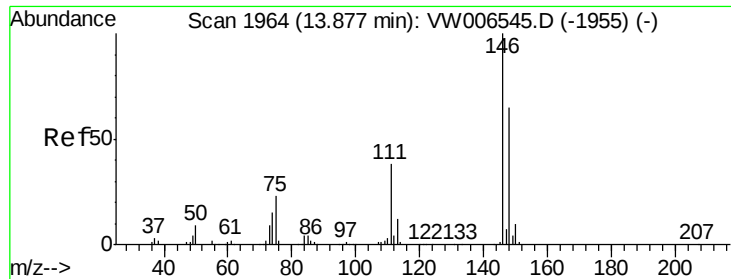
apatel
11/7/2018 2:06:29 PM



#90
Hexachloroethane
Concen: 21.509 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.3	46.8	140.3





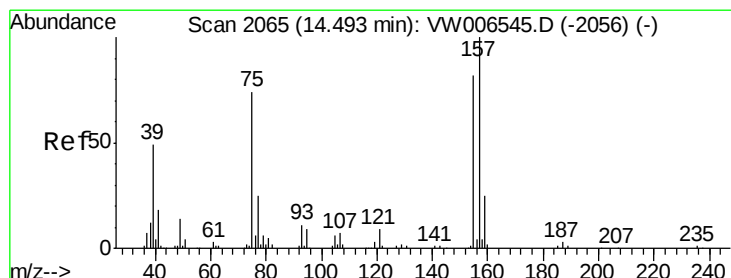
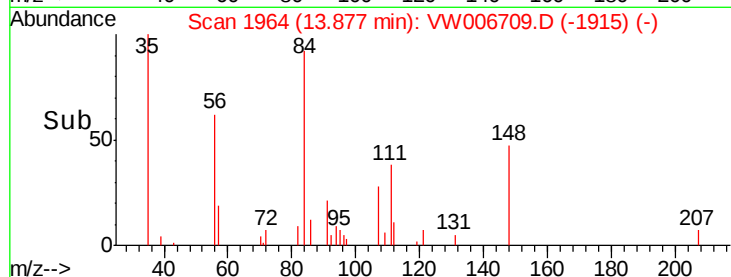
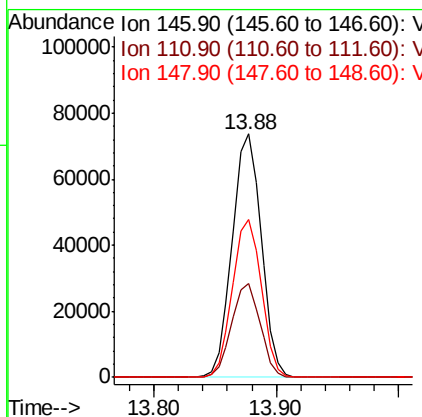
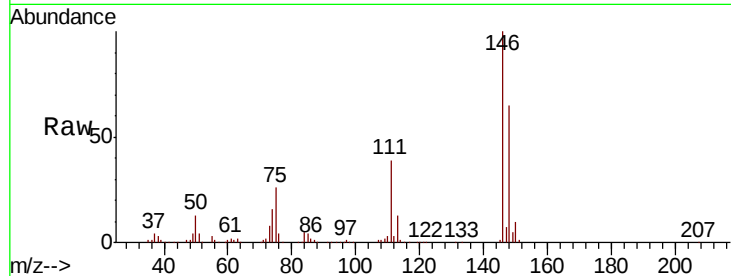
#91
 1,2-Dichlorobenzene
 Concen: 22.209 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	64.7	32.0	96.0

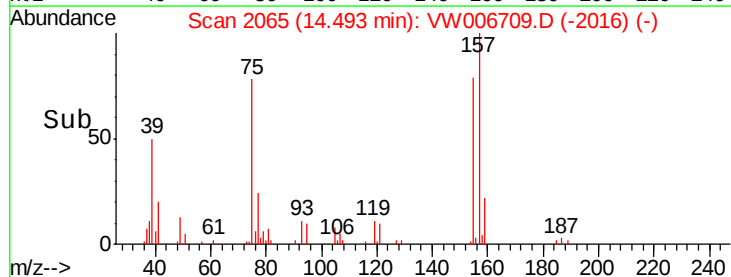
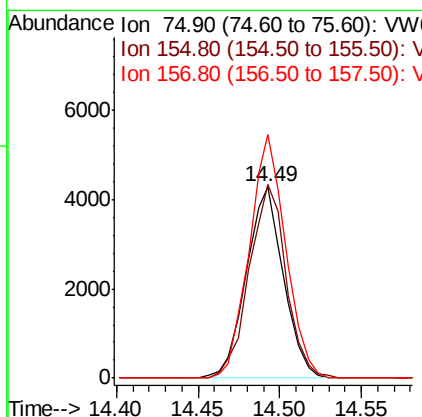
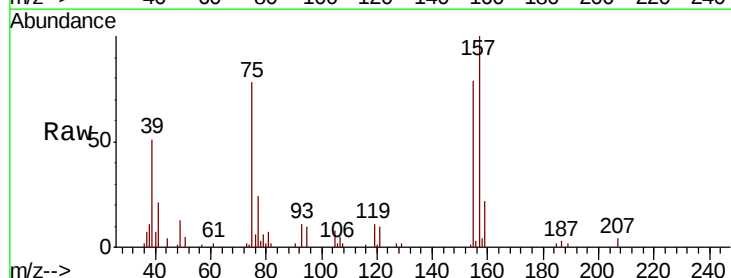
Manual Integrations
 APPROVED

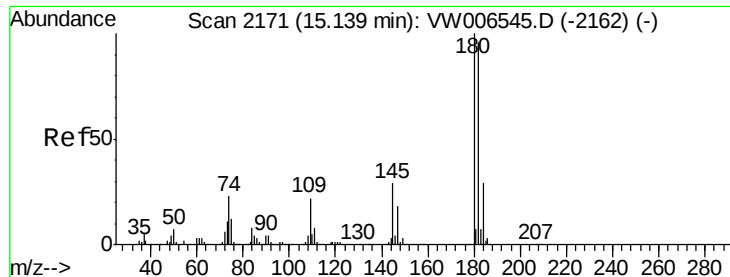
apatel
 11/7/2018 2:06:29 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.220 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.7	50.6	151.8
157	124.7	65.0	195.0





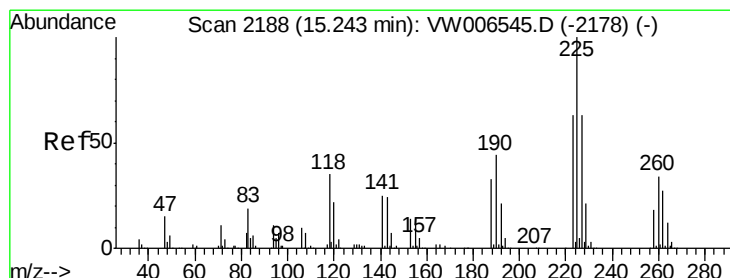
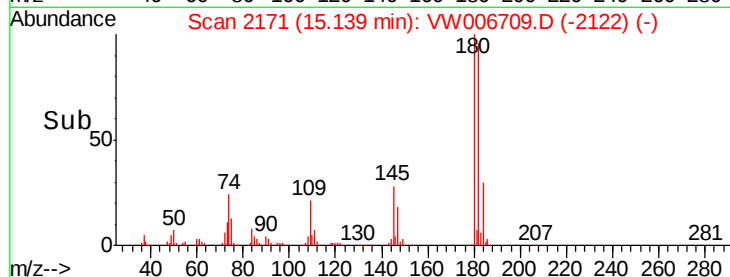
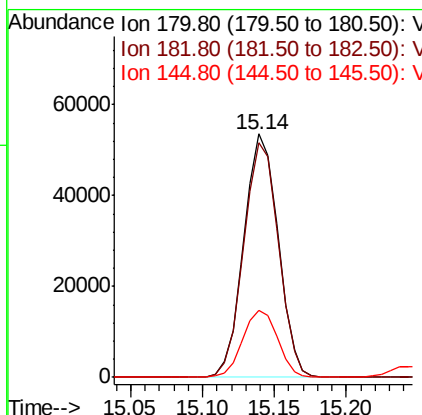
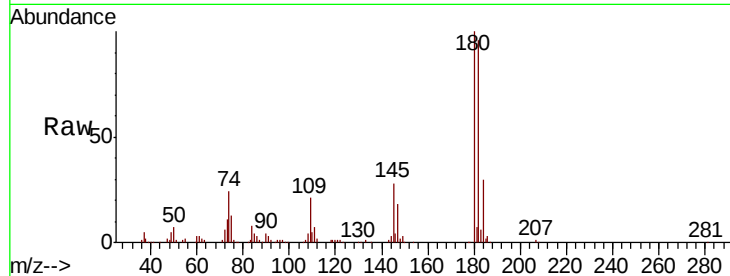
#93
 1,2,4-Trichlorobenzene
 Concen: 21.878 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.5	142.6
145	28.0	14.0	42.0

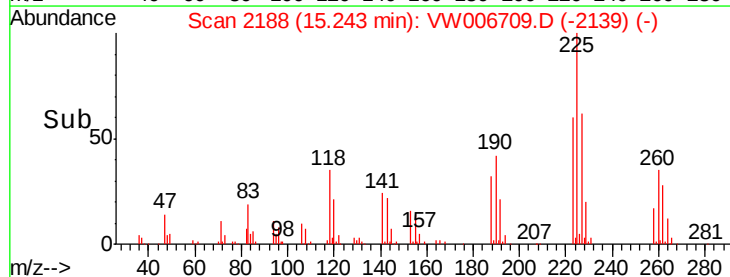
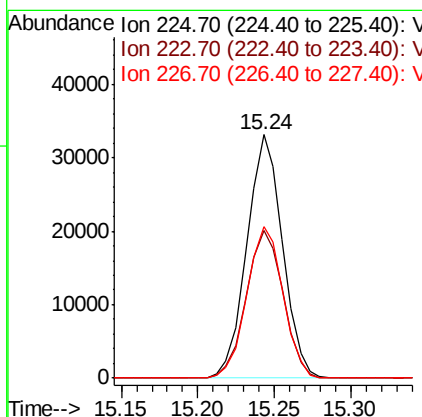
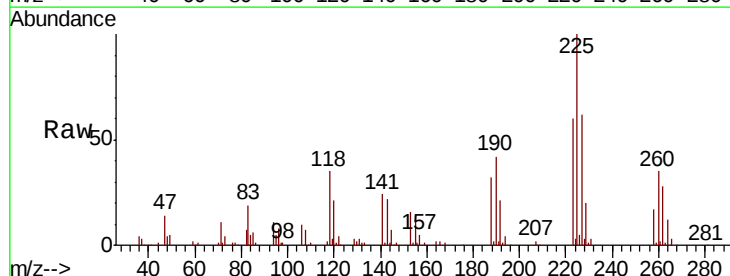
Manual Integrations
 APPROVED

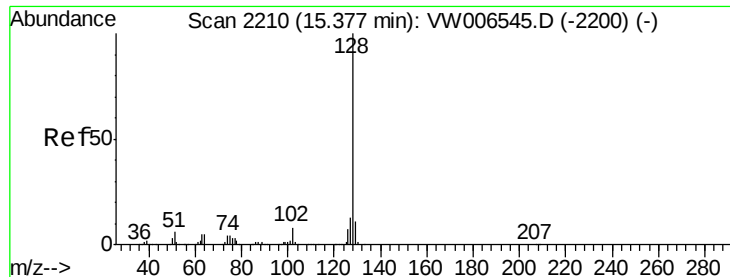
apatel
 11/7/2018 2:06:29 PM



#94
 Hexachlorobutadiene
 Concen: 21.204 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006709.D
 Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.2
227	63.2	32.2	96.6





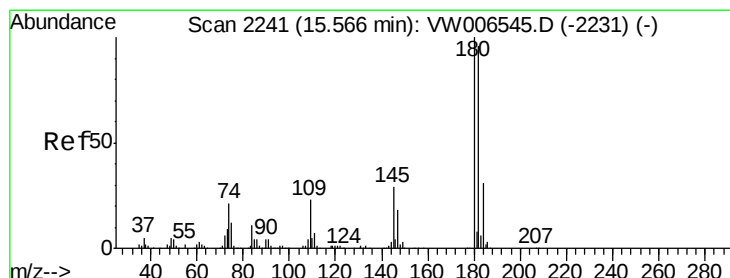
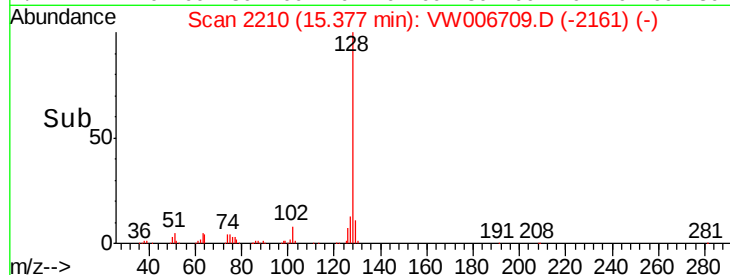
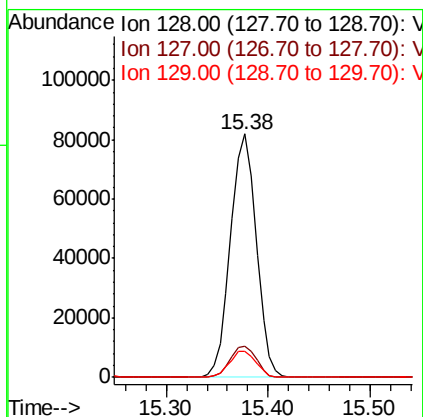
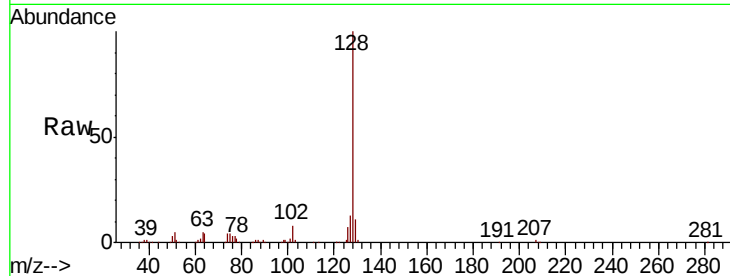
#95
Naphthalene
Concen: 22.039 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Instrument :
MSVOA_W
ClientSampleId :
VW1106SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.053 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006709.D
Acq: 07 Nov 2018 02:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.2	144.6
145	29.1	14.9	44.5

