

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007039.D
 Acq On : 26 Nov 2018 11:45
 Operator : VAY/AP
 Sample : VW1126SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Manual Integrations
 APPROVED

apatel
 11/27/2018 12:26:59 PM

Quant Time: Nov 26 15:23:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	177659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82603	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57500	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.88	113	52448	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
50) Toluene-d8	10.32	98	236711	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.62	95	90915	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	28061	24.24	ug/l	96
3) Chloromethane	2.21	50	22514	23.33	ug/l	97
4) Vinyl Chloride	2.36	62	21582	22.73	ug/l	97
5) Bromomethane	2.78	94	10877	21.47	ug/l	87
6) Chloroethane	2.92	64	11463	21.90	ug/l	94
7) Trichlorofluoromethane	3.26	101	41987	22.49	ug/l	92
8) Diethyl Ether	3.68	74	12170	20.23	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	26765	22.12	ug/l	99
10) Methyl Iodide	4.27	142	26323	19.00	ug/l	98
11) Tert butyl alcohol	5.20	59	8250	110.38	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	23299	21.95	ug/l	95
13) Acrolein	3.90	56	7477	97.42	ug/l	96
14) Allyl chloride	4.67	41	36233	20.58	ug/l	98
15) Acrylonitrile	5.38	53	22183	98.12	ug/l	99
16) Acetone	4.14	43	16916	101.48	ug/l	89
17) Carbon Disulfide	4.38	76	74860	21.81	ug/l	97
18) Methyl Acetate	4.68	43	10343	17.42	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	56298	20.31	ug/l	96
20) Methylene Chloride	4.92	84	27126	16.84	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	26405	21.36	ug/l	99
22) Diisopropyl ether	6.31	45	70059	20.45	ug/l	98
23) Vinyl Acetate	6.26	43	192884	106.00	ug/l	99
24) 1,1-Dichloroethane	6.21	63	42804	20.53	ug/l	99
25) 2-Butanone	7.18	43	27434	96.09	ug/l	95
26) 2,2-Dichloropropane	7.17	77	43545	23.23	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	27295	20.73	ug/l	99
28) Bromochloromethane	7.51	49	14216	18.25	ug/l	99
29) Tetrahydrofuran	7.53	42	17070	92.32	ug/l	99
30) Chloroform	7.68	83	44925	20.29	ug/l	97
31) Cyclohexane	7.95	56	48315	21.85	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	44856	22.49	ug/l	100
36) 1,1-Dichloropropene	8.09	75	39461	22.73	ug/l	98
37) Ethyl Acetate	7.26	43	12953	20.59	ug/l	96
38) Carbon Tetrachloride	8.07	117	40485	24.35	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007039.D
 Acq On : 26 Nov 2018 11:45
 Operator : VAY/AP
 Sample : VW1126SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1126SBS01

Manual Integrations
 APPROVED

apatel
 11/27/2018 12:26:59 PM

Quant Time: Nov 26 15:23:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	48192	22.18	ug/l	93
40) Benzene	8.32	78	101580	21.68	ug/l	100
41) Methacrylonitrile	7.49	41	7808	19.98	ug/l	97
42) 1,2-Dichloroethane	8.40	62	28157	20.69	ug/l	99
43) Isopropyl Acetate	8.43	43	23568	19.66	ug/l	99
44) Trichloroethene	9.09	130	29504	22.46	ug/l	92
45) 1,2-Dichloropropane	9.37	63	24537	21.24	ug/l	96
46) Dibromomethane	9.46	93	12137	20.98	ug/l	99
47) Bromodichloromethane	9.65	83	33768	22.15	ug/l	97
48) Methyl methacrylate	9.44	41	11226	19.42	ug/l	98
49) 1,4-Dioxane	9.46	88	3514	408.68	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	57547	94.98	ug/l	99
52) Toluene	10.39	92	68472	21.47	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	31296	21.20	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	38961	21.84	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	18036	21.19	ug/l	98
56) Ethyl methacrylate	10.65	69	19931	20.17	ug/l	99
57) 1,3-Dichloropropane	10.93	76	29593	20.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	50607	98.02	ug/l	100
59) 2-Hexanone	10.97	43	40905	98.59	ug/l	99
60) Dibromochloromethane	11.13	129	20929	21.58	ug/l	98
61) 1,2-Dibromoethane	11.24	107	16160	20.75	ug/l	97
64) Tetrachloroethene	10.87	164	24114	22.75	ug/l	95
65) Chlorobenzene	11.66	112	74937	21.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	23270	22.37	ug/l	98
67) Ethyl Benzene	11.73	91	138585	21.93	ug/l	98
68) m/p-Xylenes	11.84	106	110466	44.56	ug/l	99
69) o-Xylene	12.17	106	50997	21.82	ug/l	99
70) Styrene	12.18	104	81050	21.79	ug/l	99
71) Bromoform	12.35	173	10564	21.55	ug/l #	98
73) Isopropylbenzene	12.47	105	141736	22.08	ug/l	99
74) N-amyl acetate	12.27	43	22125	20.56	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	16742	19.60	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	13610m	20.97	ug/l	
77) Bromobenzene	12.75	156	29209	21.18	ug/l	99
78) n-propylbenzene	12.81	91	169653	21.82	ug/l	99
79) 2-Chlorotoluene	12.90	91	98025	21.86	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	122206	22.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	5461	21.12	ug/l	97
82) 4-Chlorotoluene	12.99	91	103717	22.04	ug/l	99
83) tert-Butylbenzene	13.21	119	106156	22.09	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	120330	21.76	ug/l	98
85) sec-Butylbenzene	13.39	105	151482	22.31	ug/l	100
86) p-Isopropyltoluene	13.51	119	132406	22.10	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	62316	22.14	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	60676	21.62	ug/l	99
89) n-Butylbenzene	13.83	91	125003	22.17	ug/l	98
90) Hexachloroethane	14.10	117	19580	22.39	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	53069	21.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3043	21.09	ug/l	90

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007039.D
Acq On : 26 Nov 2018 11:45
Operator : VAY/AP
Sample : VW1126SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

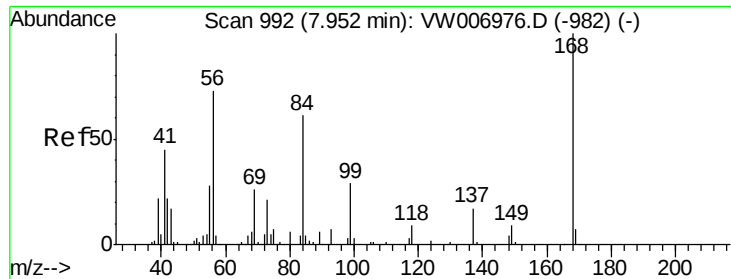
Manual Integrations
APPROVED

apatel
11/27/2018 12:26:59 PM

Quant Time: Nov 26 15:23:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	34038	20.93	ug/l	99
94) Hexachlorobutadiene	15.24	225	20246	22.90	ug/l	95
95) Naphthalene	15.38	128	56378	19.10	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	27473	20.36	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

Tgt Ion: 168 Resp: 117268

Ion Ratio Lower Upper

168 100

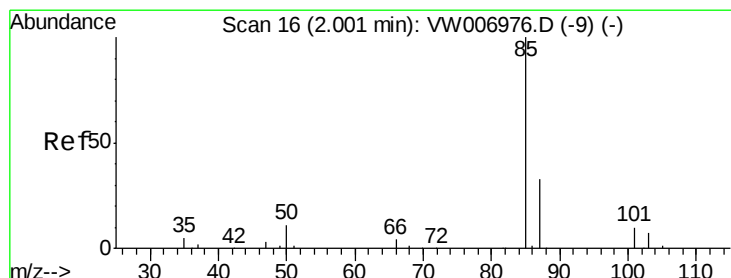
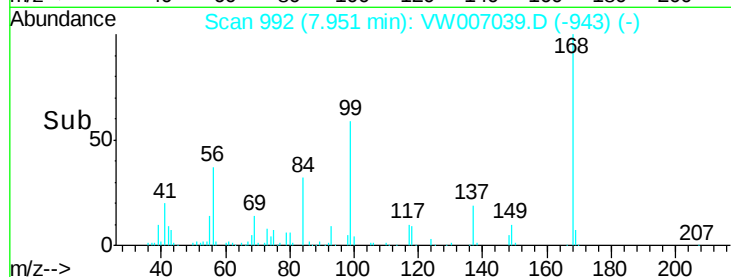
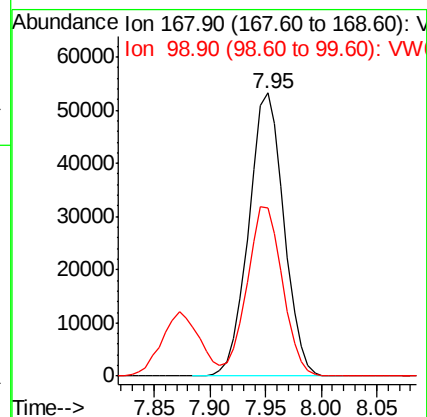
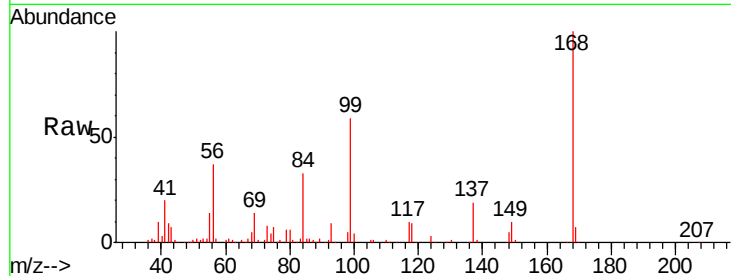
99 59.5 48.2 72.4

Manual Integrations

APPROVED

apatel

11/27/2018 12:26:59 PM



#2

Dichlorodifluoromethane

Concen: 24.24 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007039.D

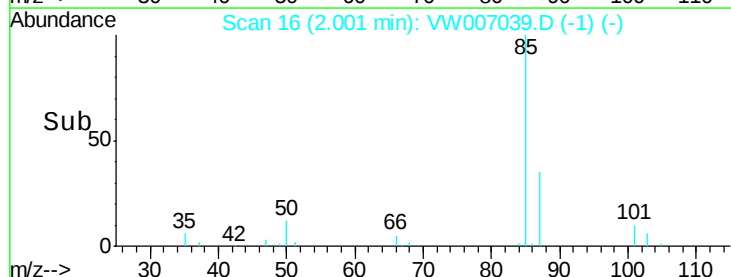
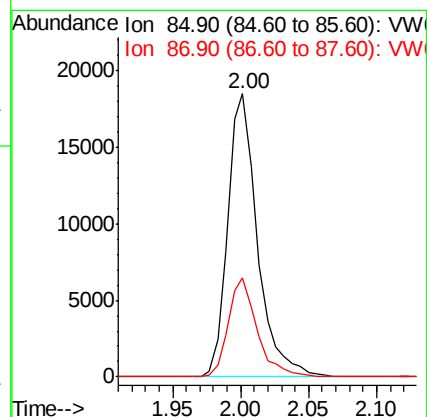
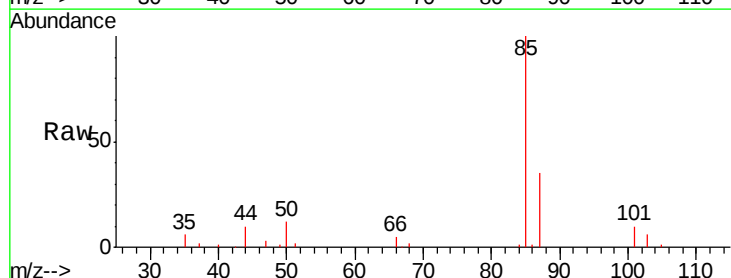
Acq: 26 Nov 2018 11:45

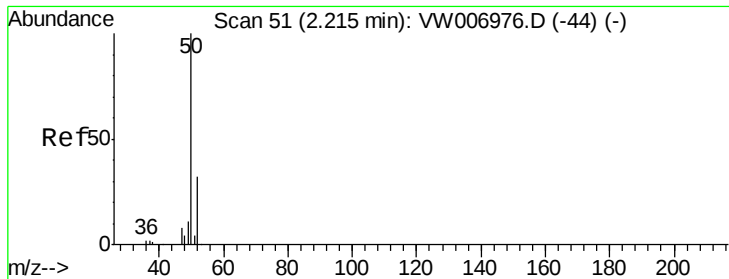
Tgt Ion: 85 Resp: 28061

Ion Ratio Lower Upper

85 100

87 34.8 16.3 48.9





#3

Chloromethane

Concen: 23.33 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

Tgt Ion: 50 Resp: 22514

Ion Ratio Lower Upper

50 100

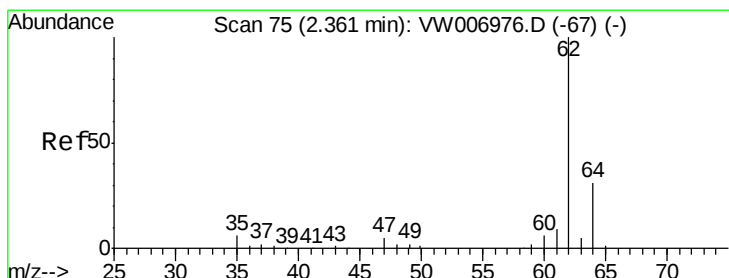
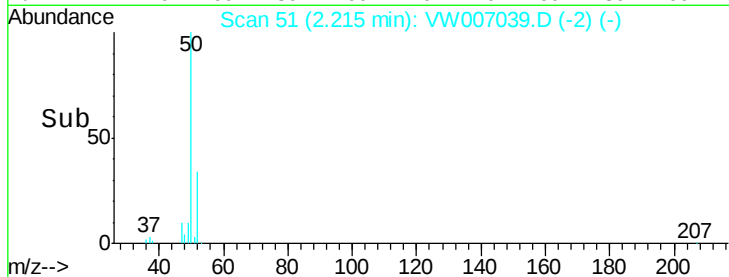
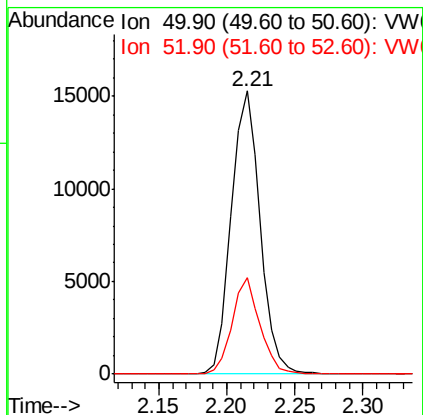
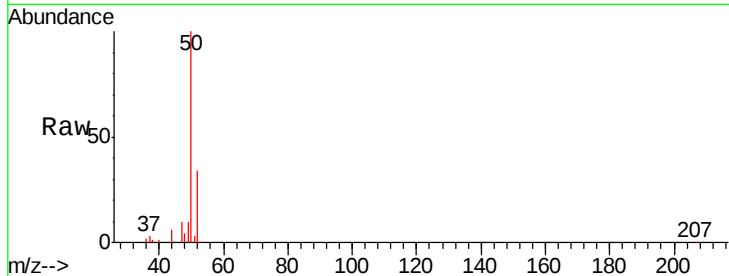
52 34.0 25.7 38.5

Manual Integrations

APPROVED

apatel

11/27/2018 12:26:59 PM



#4

Vinyl Chloride

Concen: 22.73 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007039.D

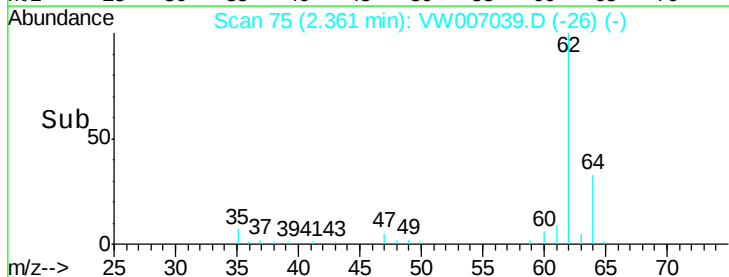
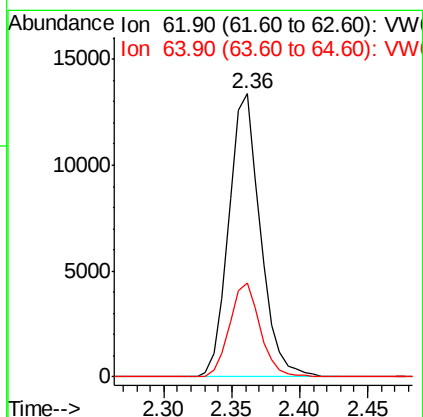
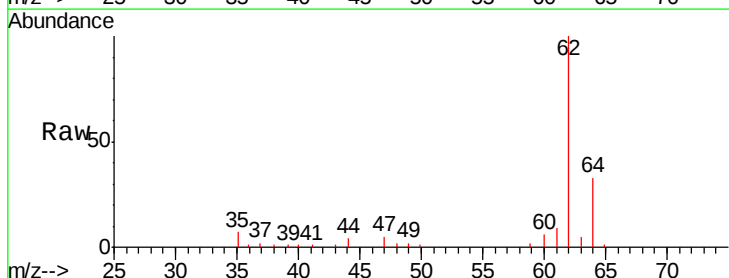
Acq: 26 Nov 2018 11:45

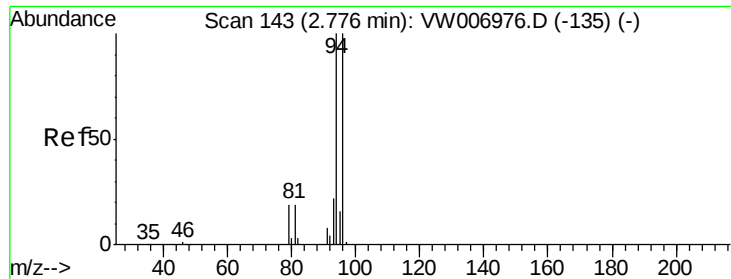
Tgt Ion: 62 Resp: 21582

Ion Ratio Lower Upper

62 100

64 33.2 25.2 37.8





#5

Bromomethane

Concen: 21.47 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

Tgt Ion: 94 Resp: 10877

Ion Ratio Lower Upper

94 100

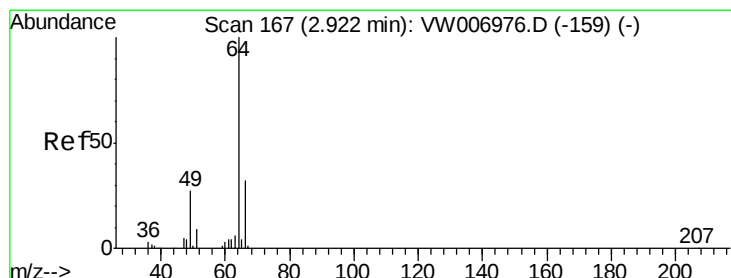
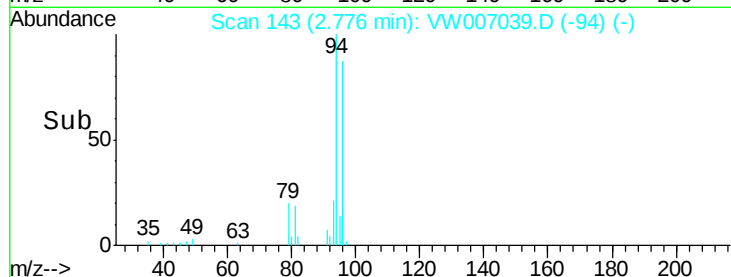
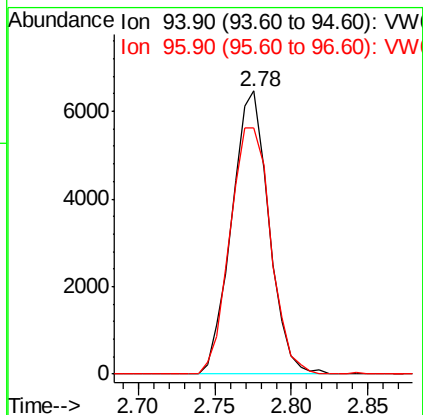
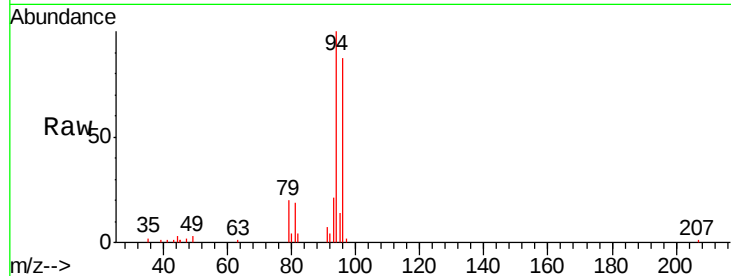
96 87.2 80.2 120.2

Manual Integrations

APPROVED

apatel

11/27/2018 12:26:59 PM



#6

Chloroethane

Concen: 21.90 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW007039.D

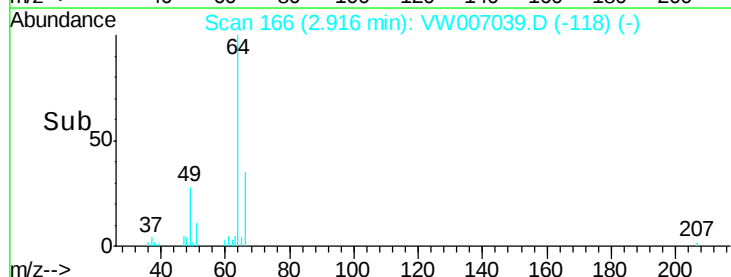
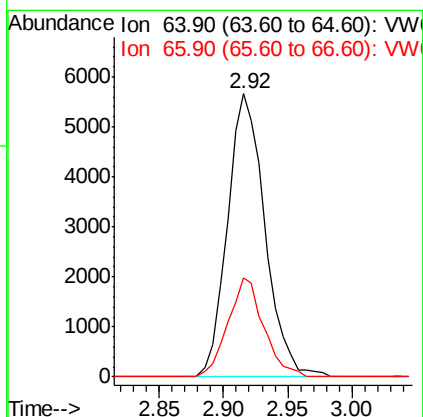
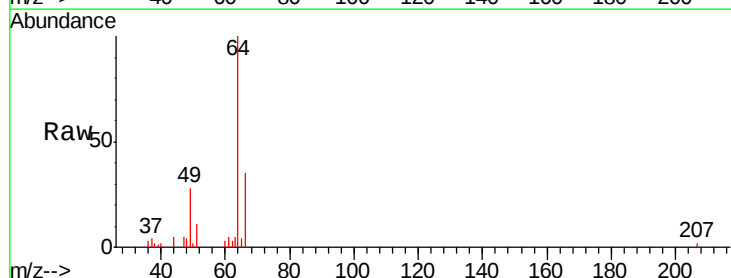
Acq: 26 Nov 2018 11:45

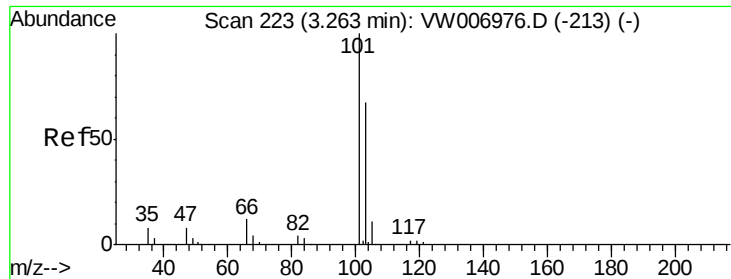
Tgt Ion: 64 Resp: 11463

Ion Ratio Lower Upper

64 100

66 35.2 25.3 37.9





#7

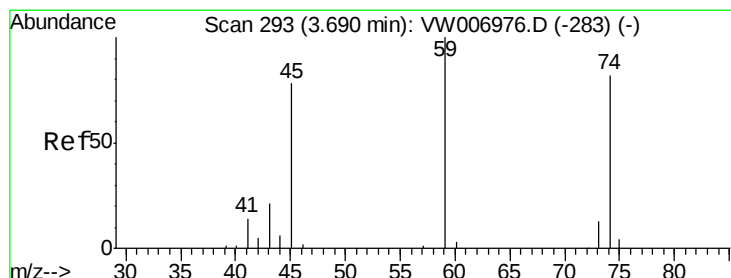
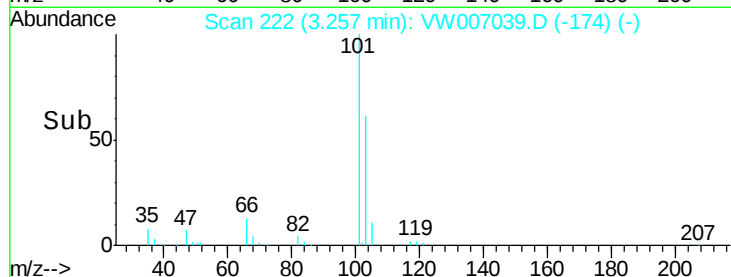
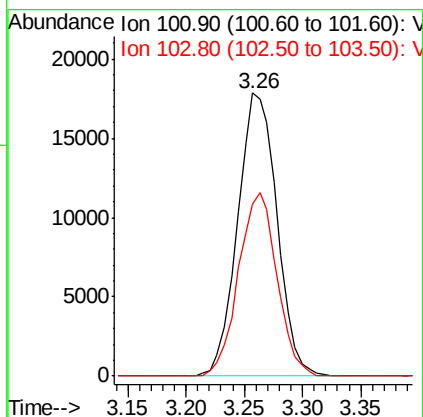
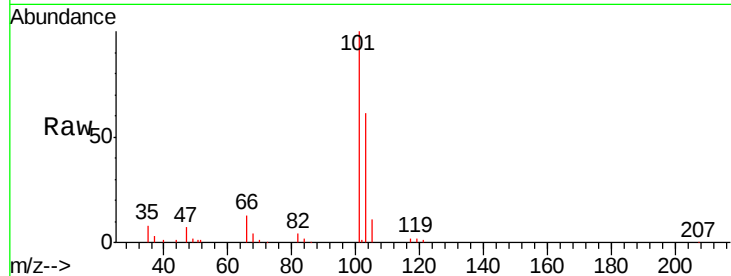
Trichlorofluoromethane
 Concen: 22.49 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Tgt Ion: 101 Resp: 41987
 Ion Ratio Lower Upper
 101 100
 103 60.6 53.4 80.2

Manual Integrations
 APPROVED

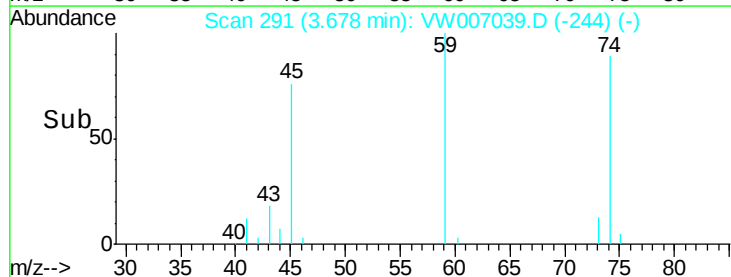
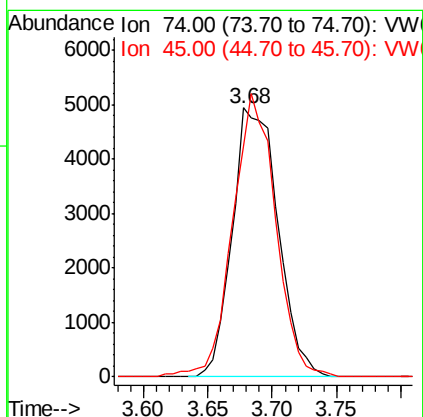
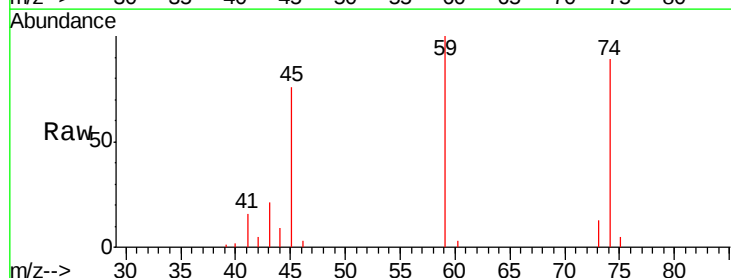
apatel
 11/27/2018 12:26:59 PM

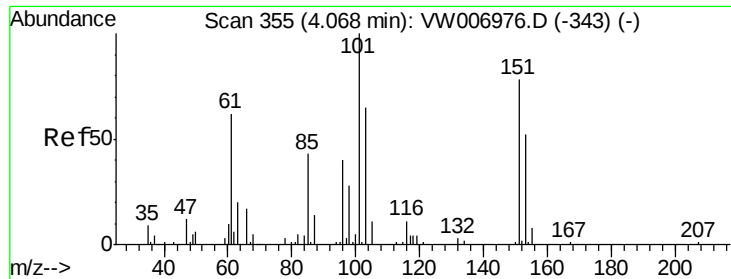


#8

Diethyl Ether
 Concen: 20.23 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion: 74 Resp: 12170
 Ion Ratio Lower Upper
 74 100
 45 98.8 48.4 145.2





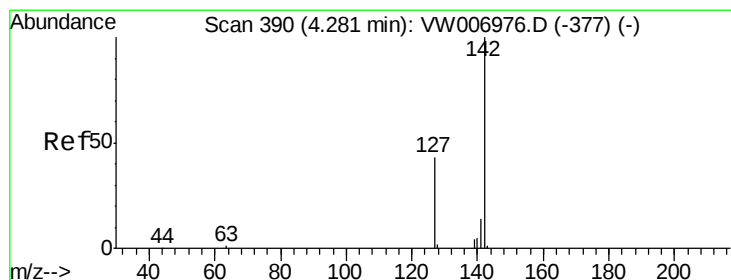
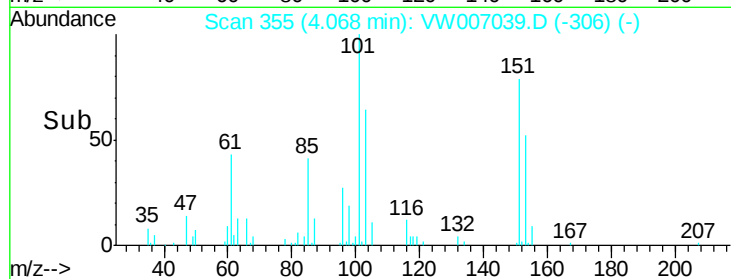
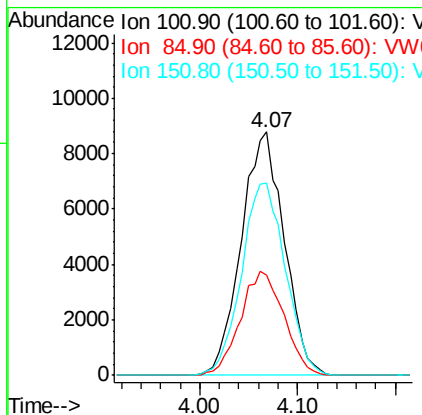
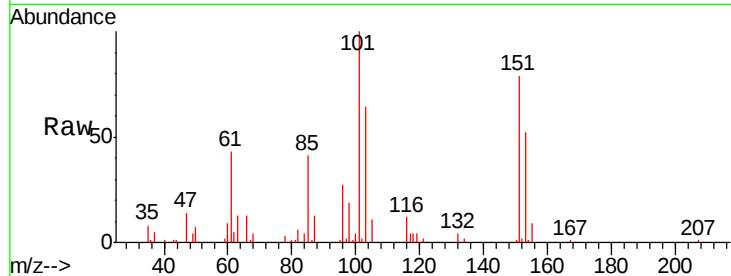
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.12 ug/l
 RT: 4.07 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	26765		
85	43.1		34.3	51.5
151	80.6		63.4	95.2

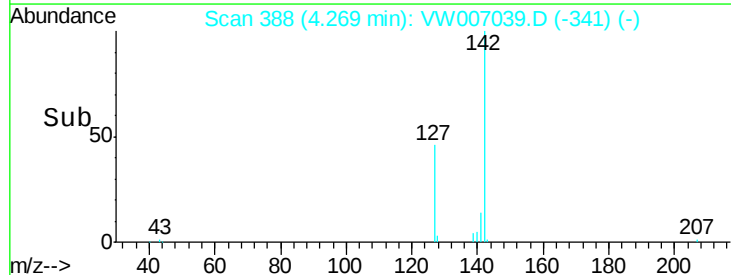
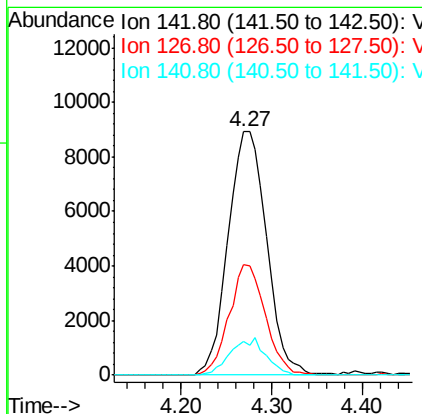
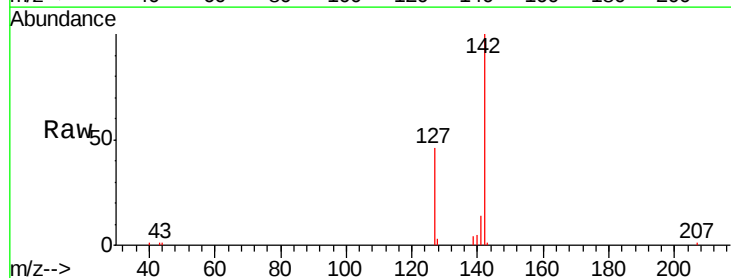
Manual Integrations
 APPROVED

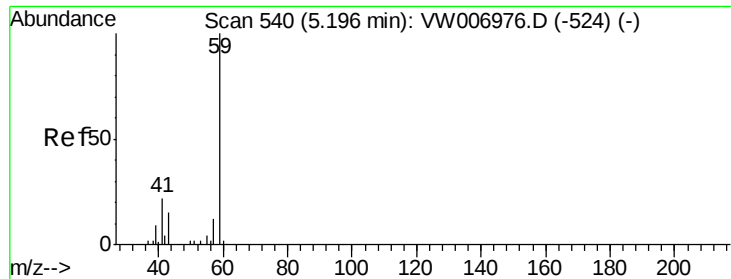
apatel
 11/27/2018 12:26:59 PM



#10
 Methyl Iodide
 Concen: 19.00 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	26323		
127	42.7		35.3	52.9
141	13.9		11.7	17.5





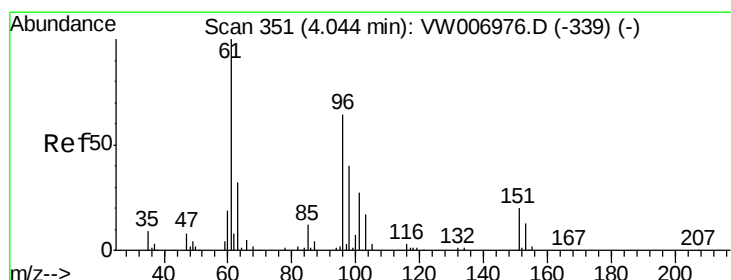
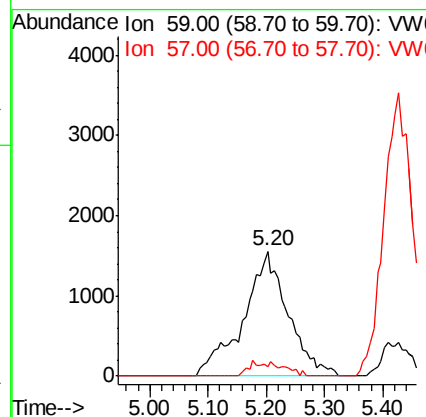
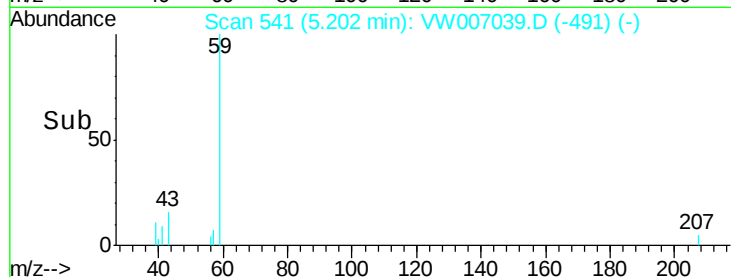
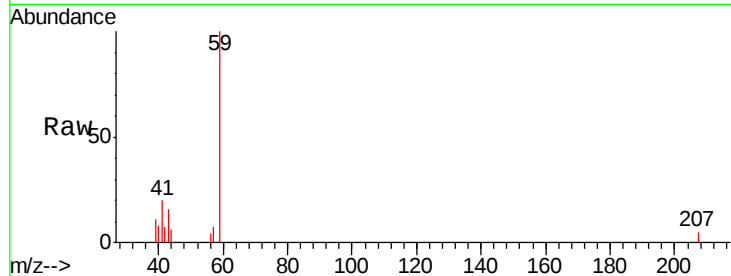
#11
Tert butyl alcohol
Concen: 110.38 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion: 59 Resp: 8250
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

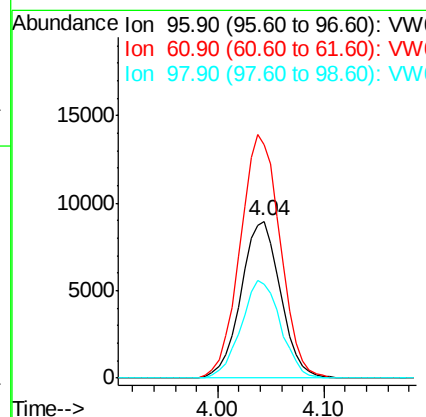
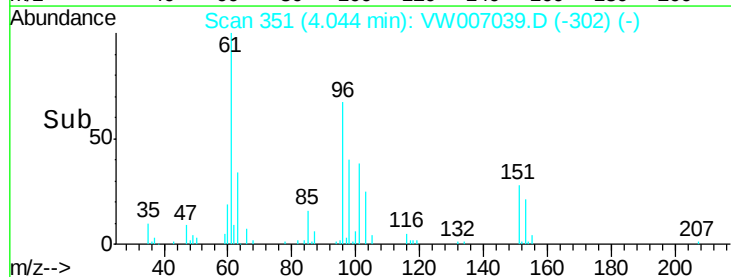
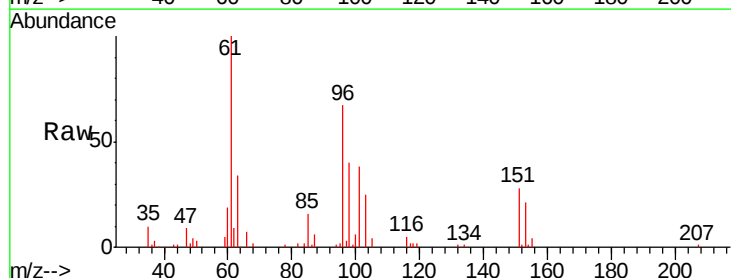
Manual Integrations
APPROVED

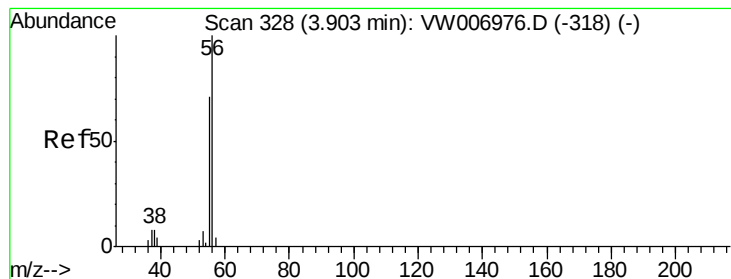
apatel
11/27/2018 12:26:59 PM



#12
1,1-Dichloroethene
Concen: 21.95 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 96 Resp: 23299
Ion Ratio Lower Upper
96 100
61 148.4 124.3 186.5
98 59.5 49.4 74.2





#13

Acrolein

Concen: 97.42 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

Tgt Ion: 56 Resp: 7477

Ion Ratio Lower Upper

56 100

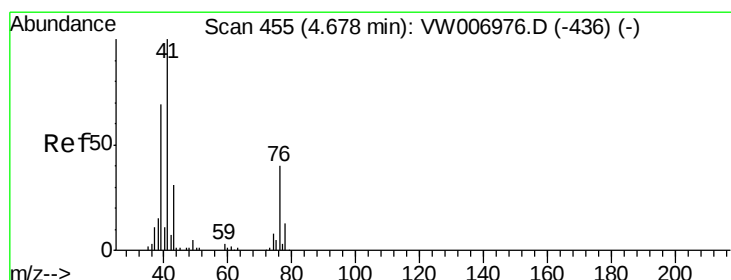
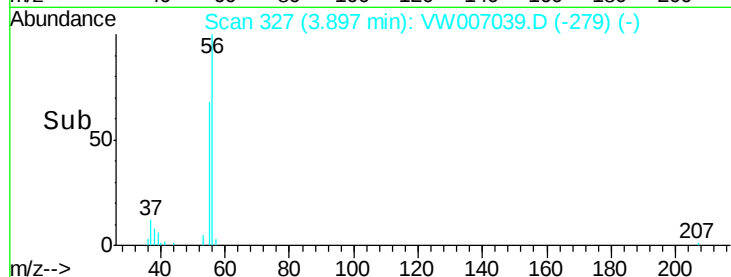
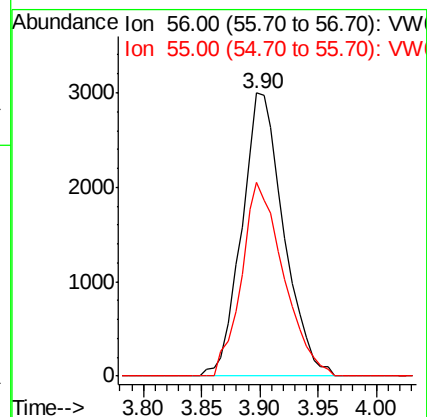
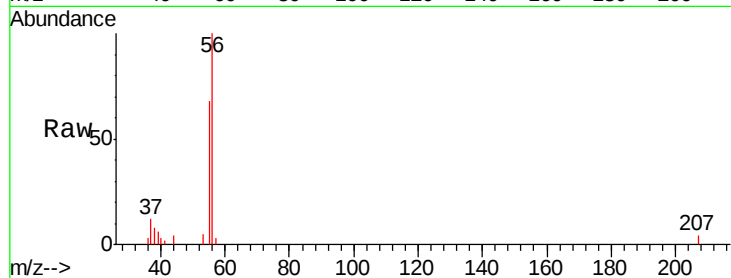
55 68.9 57.5 86.3

Manual Integrations

APPROVED

apatel

11/27/2018 12:26:59 PM



#14

Allyl chloride

Concen: 20.58 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

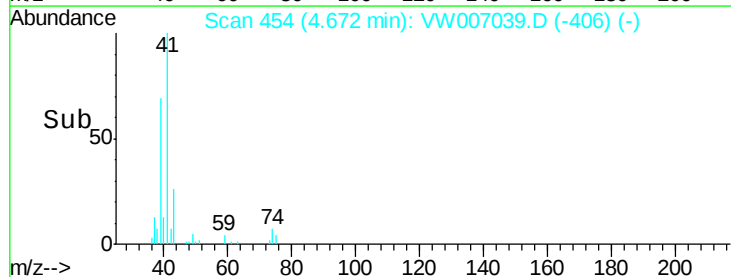
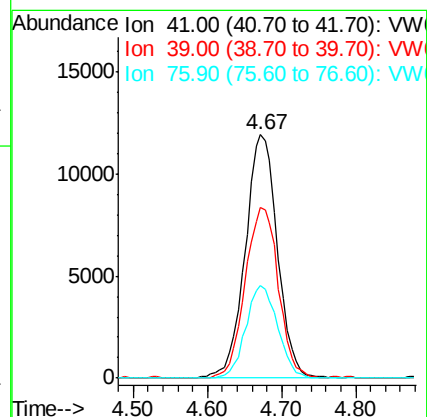
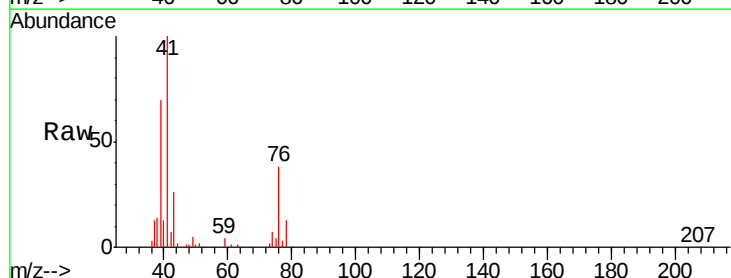
Tgt Ion: 41 Resp: 36233

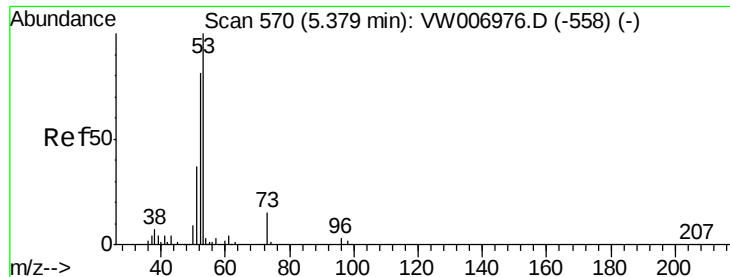
Ion Ratio Lower Upper

41 100

39 72.1 55.4 83.2

76 37.4 29.6 44.4





#15

Acrylonitrile

Concen: 98.12 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

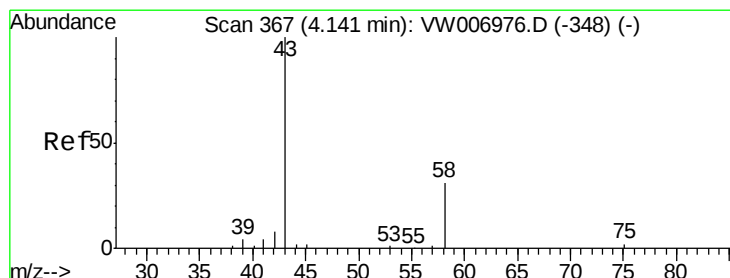
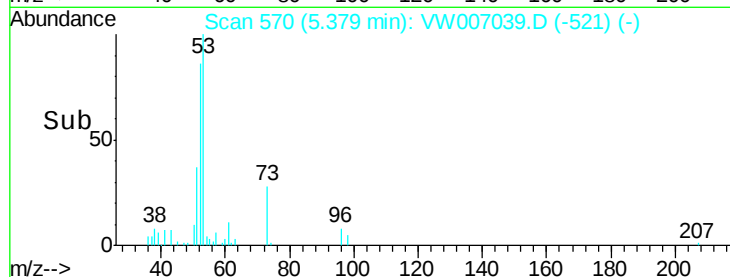
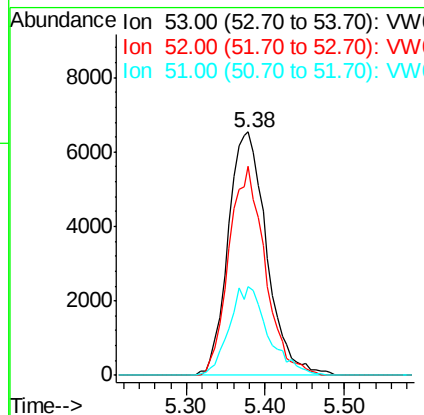
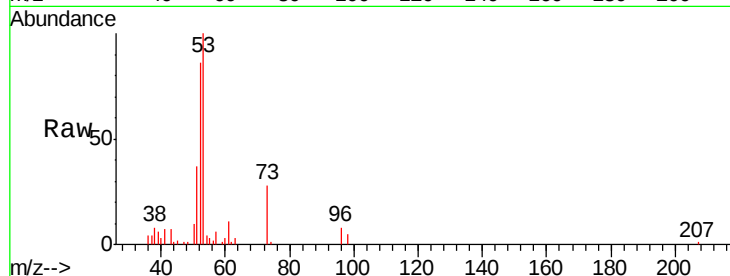
ClientSampleId :

VW1126SBS01

Tgt Ion:	53	Resp:	22183
Ion	Ratio	Lower	Upper
53	100		
52	80.9	65.7	98.5
51	36.9	29.9	44.9

Manual Integrations
APPROVED

apatel
11/27/2018 12:26:59 PM



#16

Acetone

Concen: 101.48 ug/l

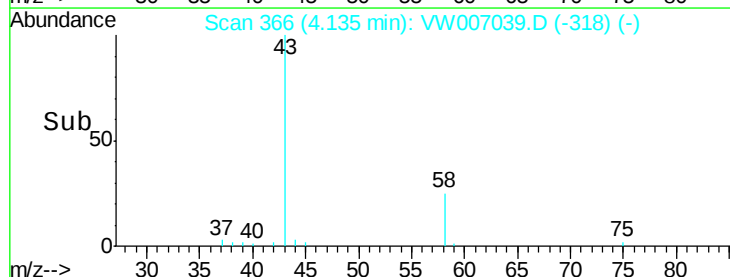
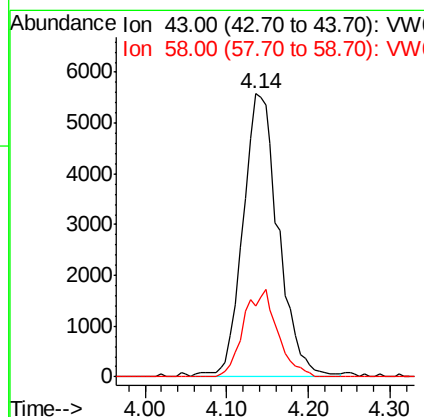
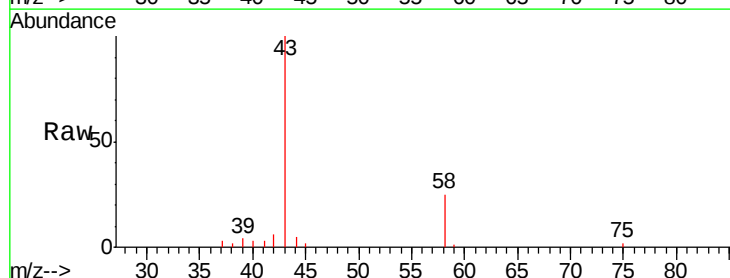
RT: 4.14 min Scan# 366

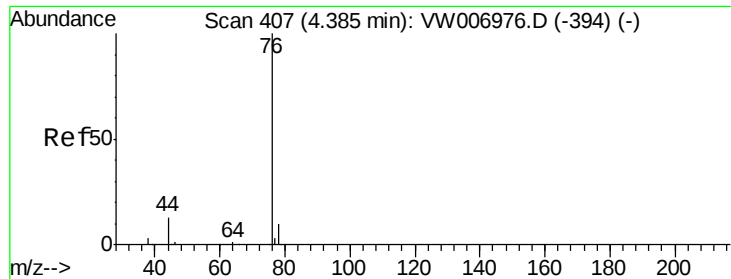
Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Tgt Ion:	43	Resp:	16916
Ion	Ratio	Lower	Upper
43	100		
58	25.1	24.8	37.2





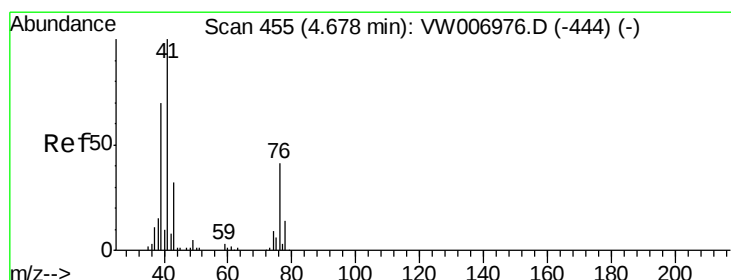
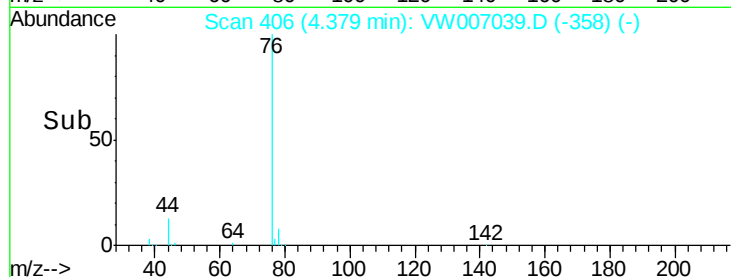
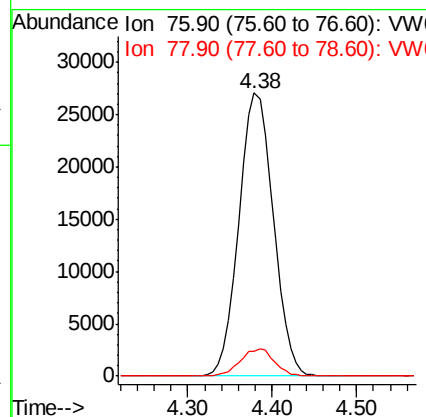
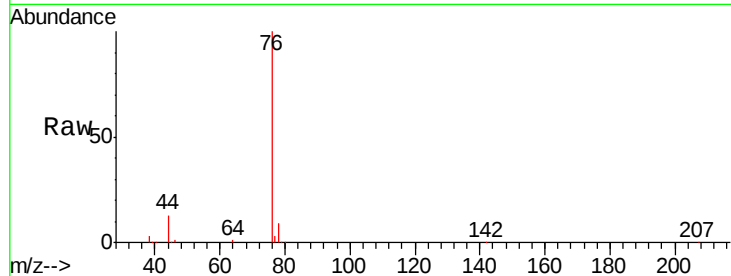
#17
Carbon Disulfide
Concen: 21.81 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.8	11.6

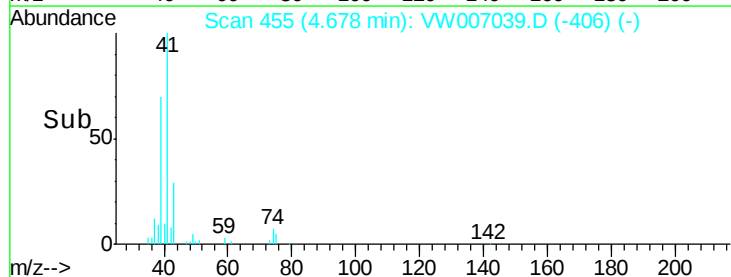
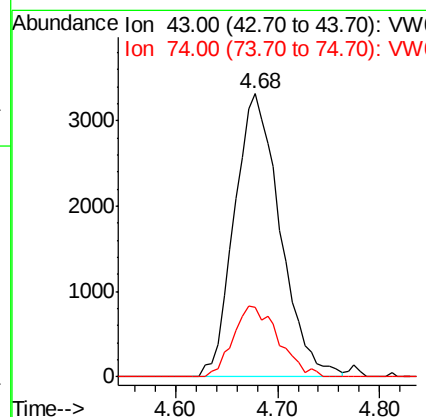
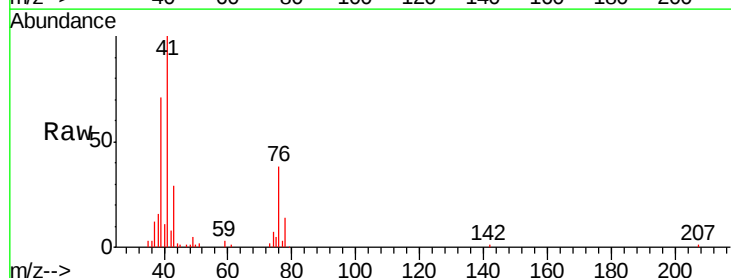
Manual Integrations
APPROVED

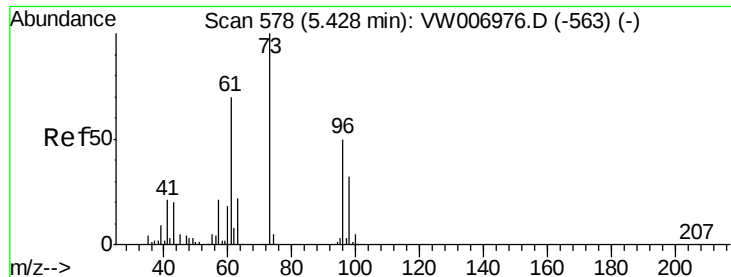
apatel
11/27/2018 12:26:59 PM



#18
Methyl Acetate
Concen: 17.42 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	20.1	30.1





#19

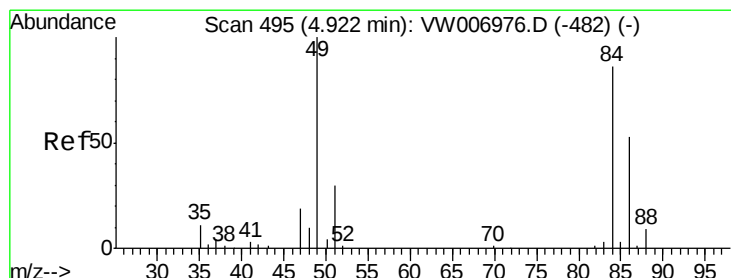
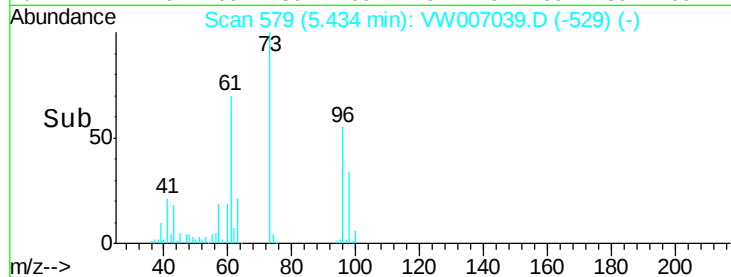
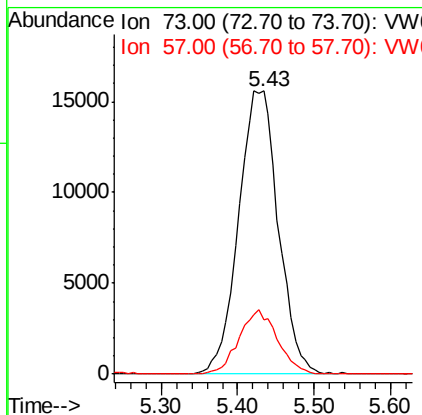
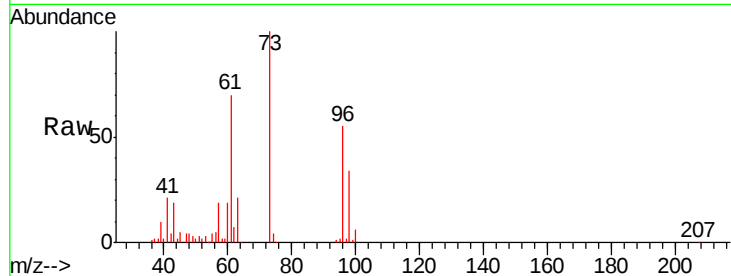
Methyl tert-butyl Ether
Concen: 20.31 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampled :
VW1126SBS01

Tgt Ion: 73 Resp: 56298
Ion Ratio Lower Upper
73 100
57 19.2 16.7 25.1

Manual Integrations
APPROVED

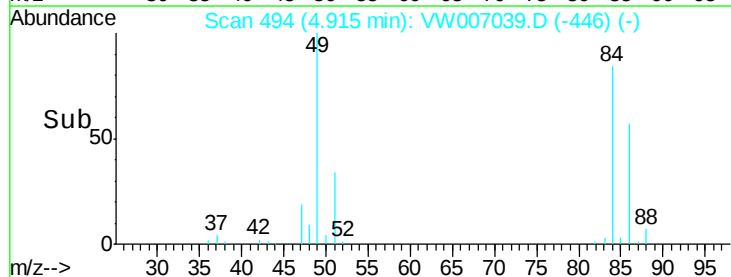
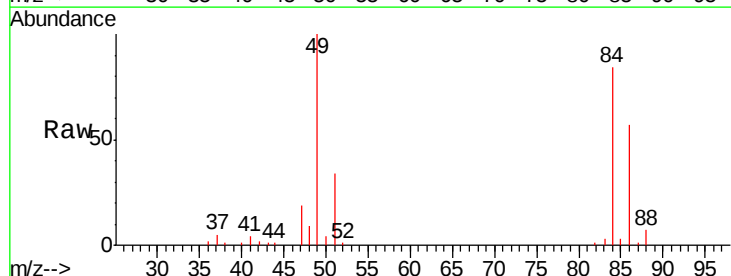
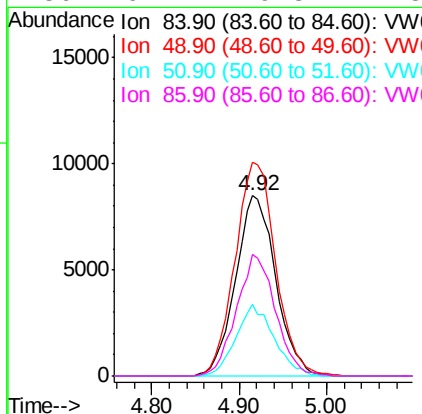
apatel
11/27/2018 12:26:59 PM

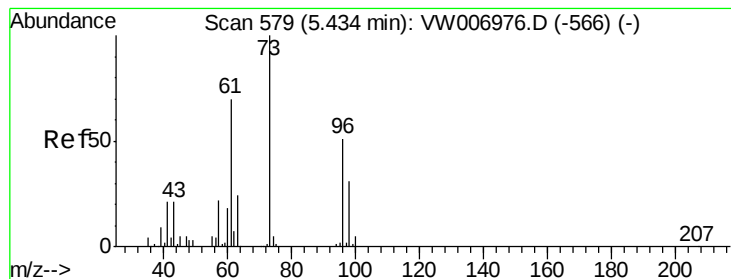


#20

Methylene Chloride
Concen: 16.84 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 84 Resp: 27126
Ion Ratio Lower Upper
84 100
49 118.4 93.4 140.0
51 39.8 28.4 42.6
86 67.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 21.36 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

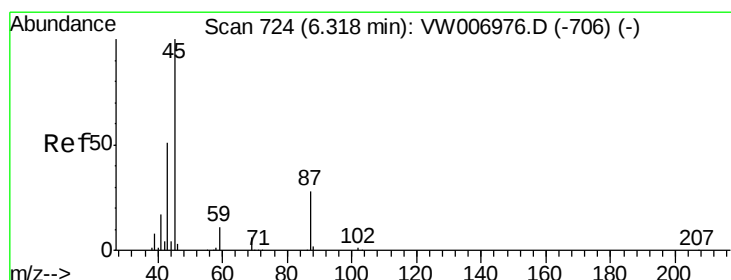
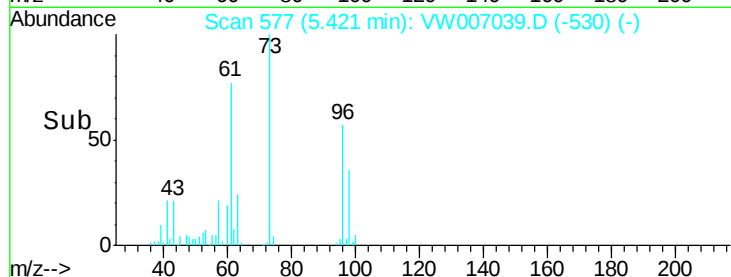
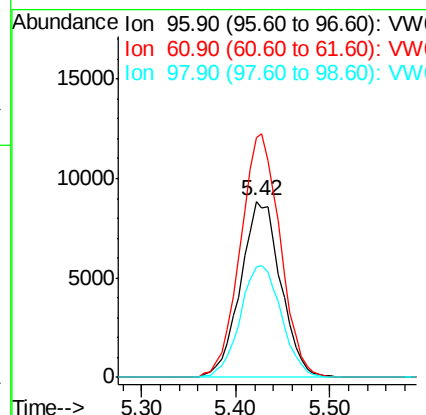
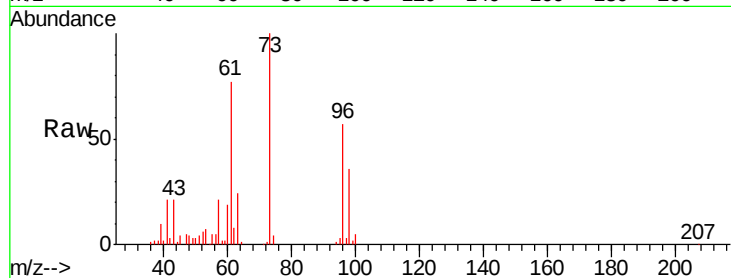
ClientSampleId :

VW1126SBS01

Tgt Ion:	96	Resp:	26405
Ion	Ratio	Lower	Upper
96	100		
61	136.4	109.4	164.0
98	62.9	48.3	72.5

Manual Integrations
APPROVED

apatel
11/27/2018 12:26:59 PM



#22

Diisopropyl ether

Concen: 20.45 ug/l

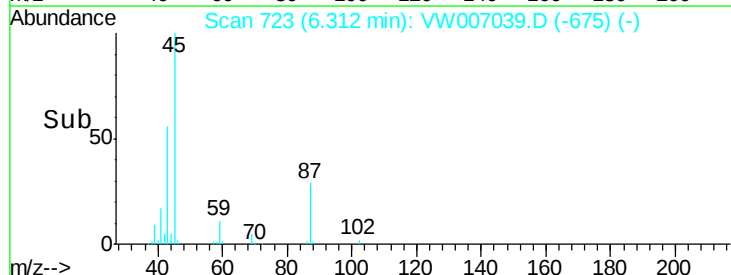
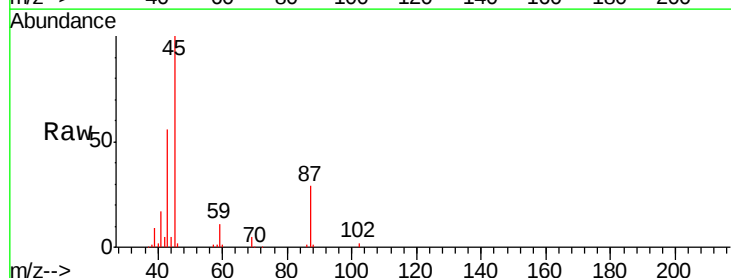
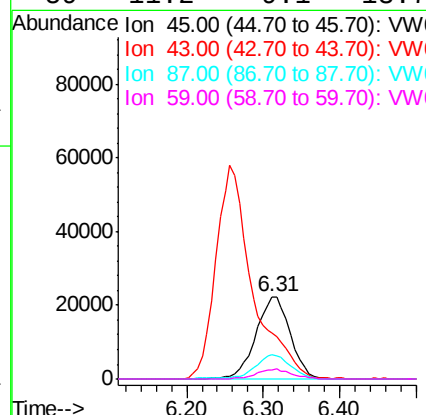
RT: 6.31 min Scan# 723

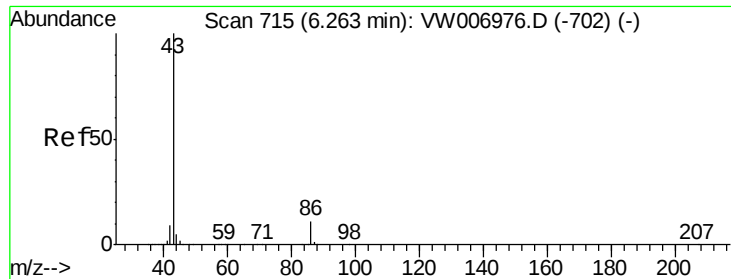
Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Tgt Ion:	45	Resp:	70059
Ion	Ratio	Lower	Upper
45	100		
43	55.0	42.5	63.7
87	29.0	22.8	34.2
59	11.2	9.1	13.7





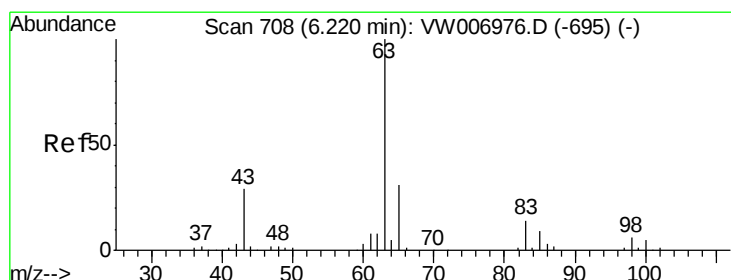
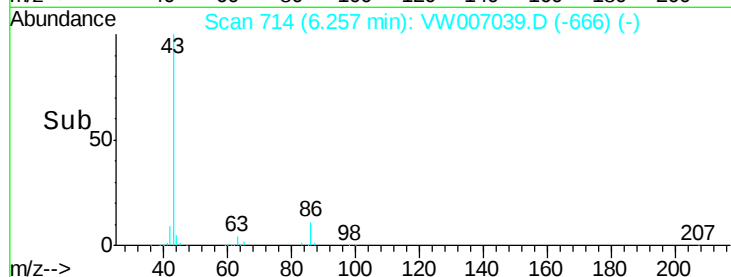
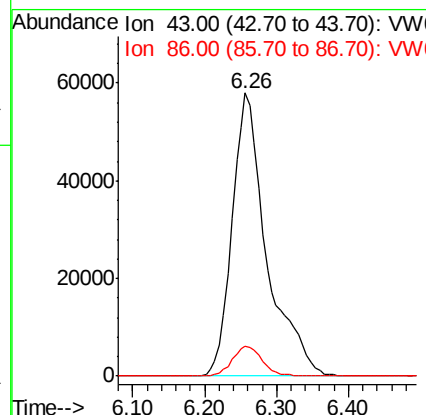
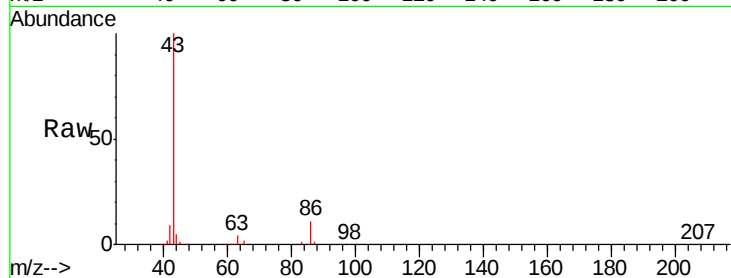
#23
 Vinyl Acetate
 Concen: 106.00 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Tgt Ion: 43 Resp: 192884
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.7 13.1

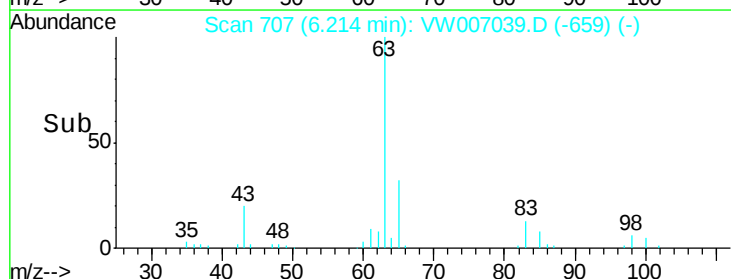
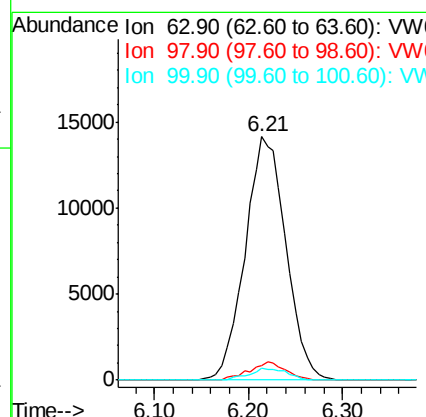
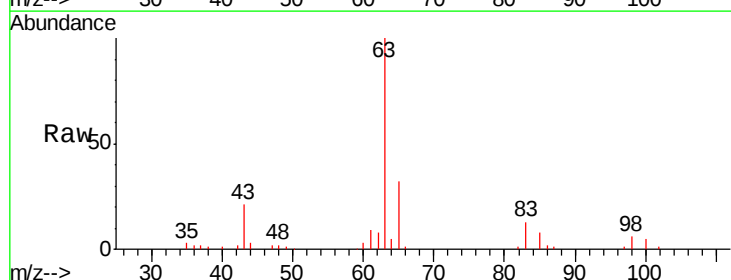
Manual Integrations
 APPROVED

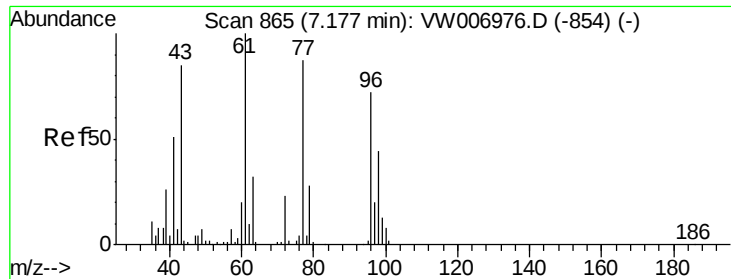
apatel
 11/27/2018 12:26:59 PM



#24
 1,1-Dichloroethane
 Concen: 20.53 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion: 63 Resp: 42804
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.4
 100 5.1 2.3 6.9





#25

2-Butanone

Concen: 96.09 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

Tgt Ion: 43 Resp: 27434

Ion Ratio Lower Upper

43 100

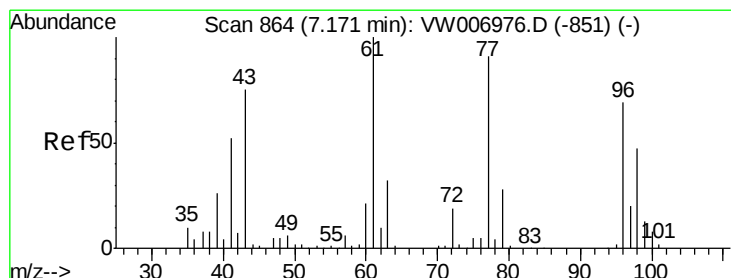
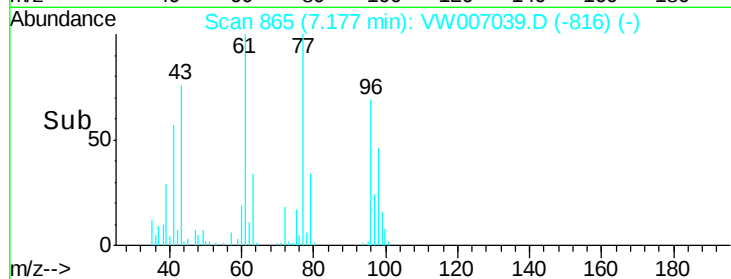
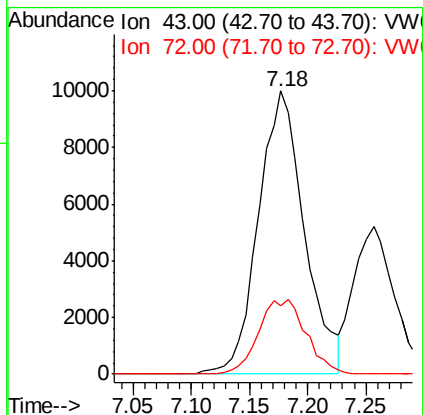
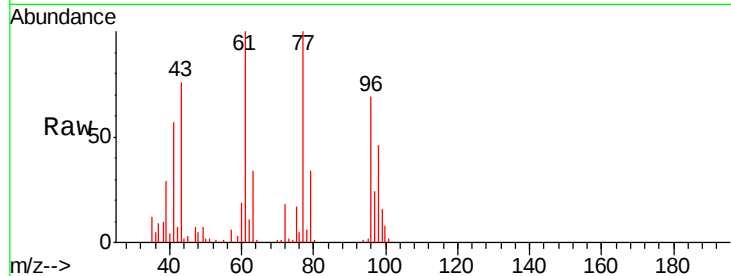
72 24.1 21.3 31.9

Manual Integrations

APPROVED

apatel

11/27/2018 12:26:59 PM



#26

2,2-Dichloropropane

Concen: 23.23 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007039.D

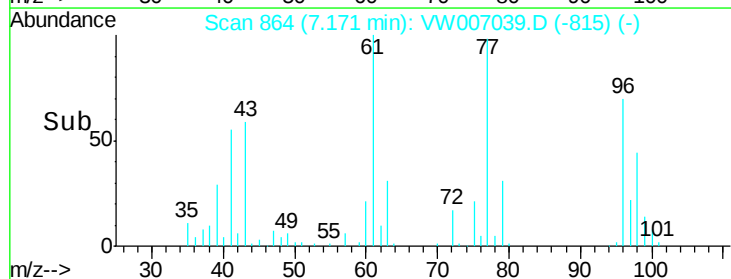
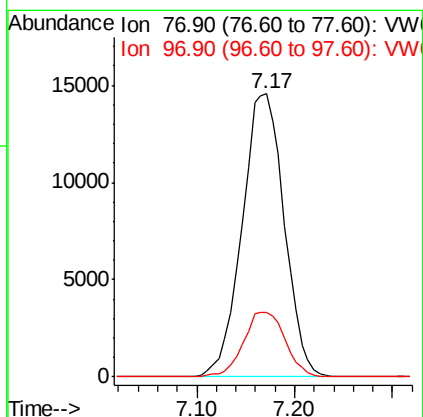
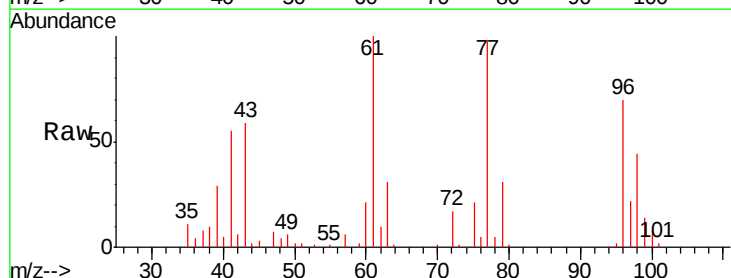
Acq: 26 Nov 2018 11:45

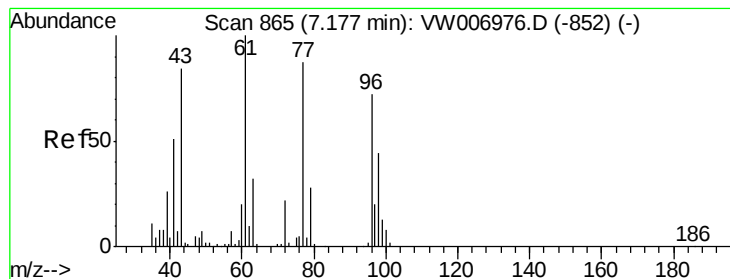
Tgt Ion: 77 Resp: 43545

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.73 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

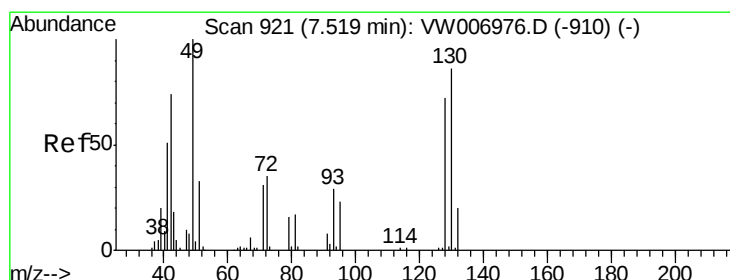
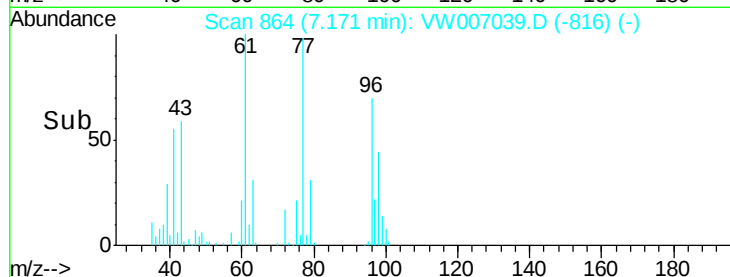
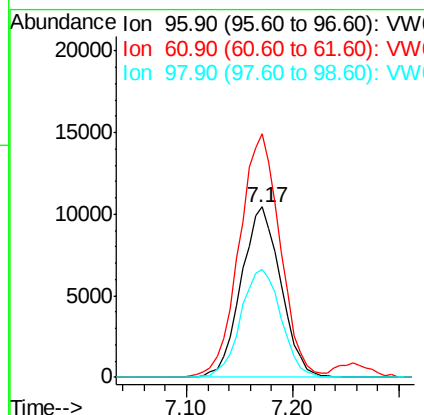
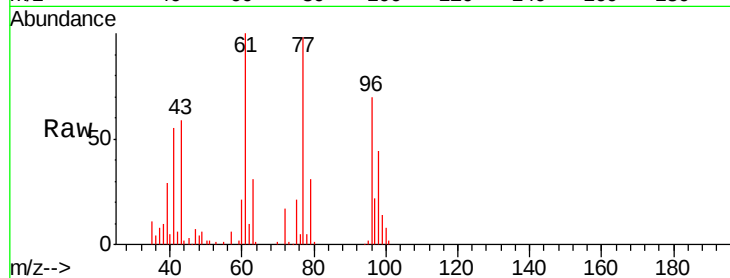
ClientSampleId :

VW1126SBS01

Tgt Ion:	96	Resp:	27295
Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	292.6
98	64.3	0.0	129.8

Manual Integrations
APPROVED

apatel
11/27/2018 12:26:59 PM



#28

Bromochloromethane

Concen: 18.25 ug/l

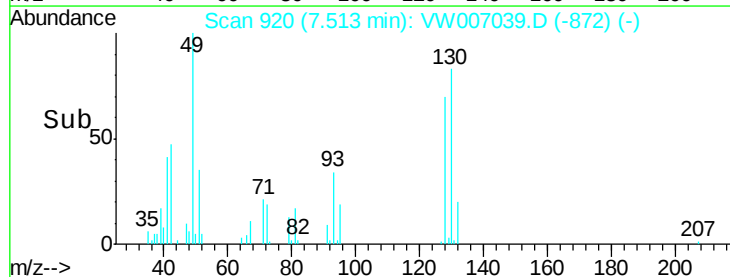
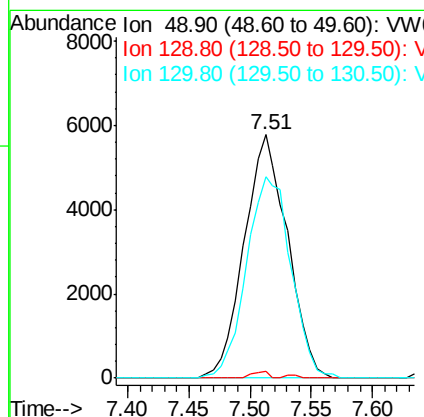
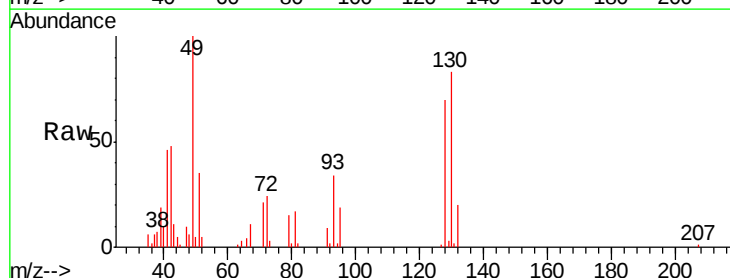
RT: 7.51 min Scan# 920

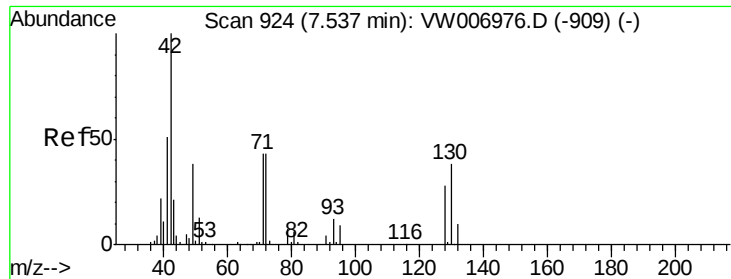
Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Tgt Ion:	49	Resp:	14216
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.0
130	85.0	69.0	103.4





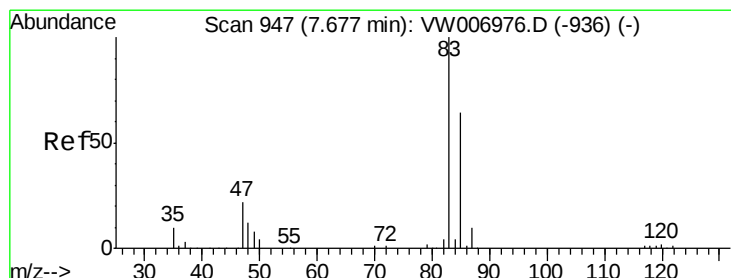
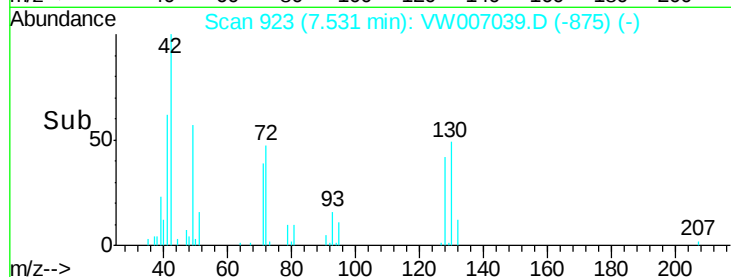
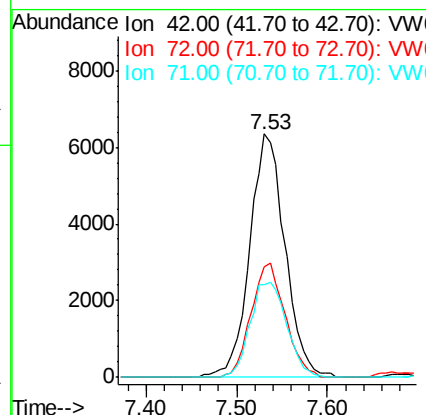
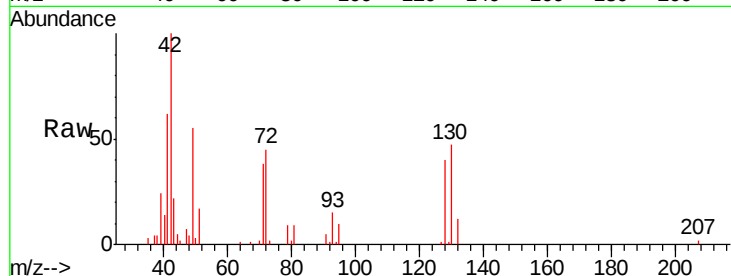
#29
Tetrahydrofuran
Concen: 92.32 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion: 42 Resp: 17070
Ion Ratio Lower Upper
42 100
72 45.1 36.2 54.4
71 40.6 33.8 50.8

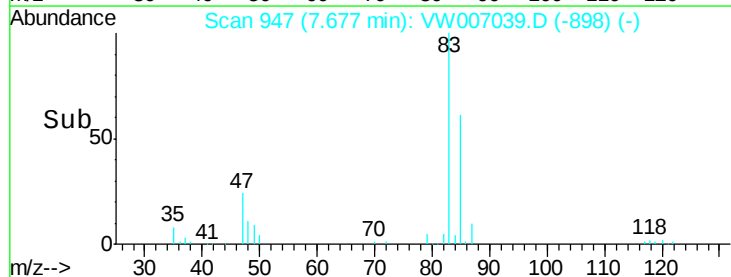
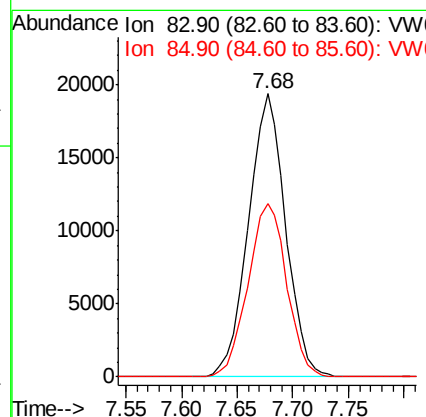
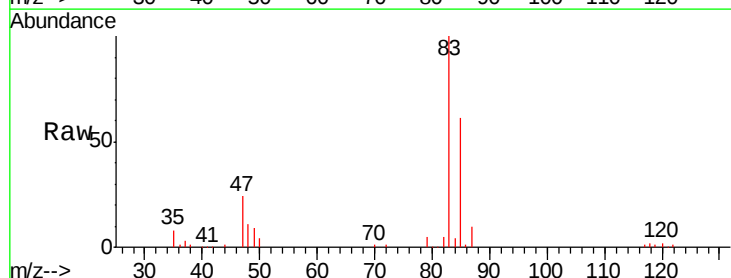
Manual Integrations
APPROVED

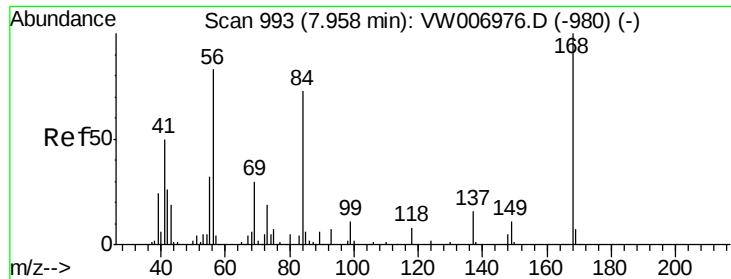
apatel
11/27/2018 12:26:59 PM



#30
Chloroform
Concen: 20.29 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 83 Resp: 44925
Ion Ratio Lower Upper
83 100
85 61.4 50.9 76.3





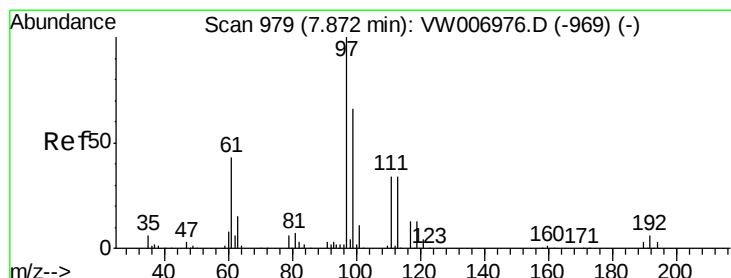
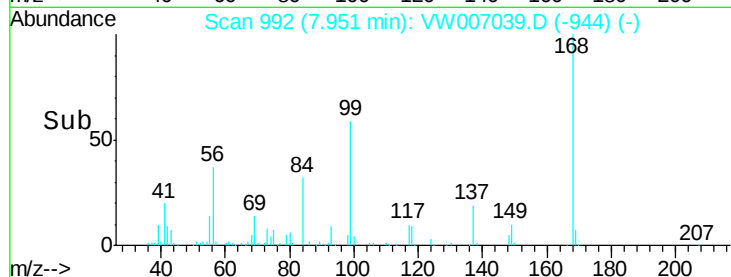
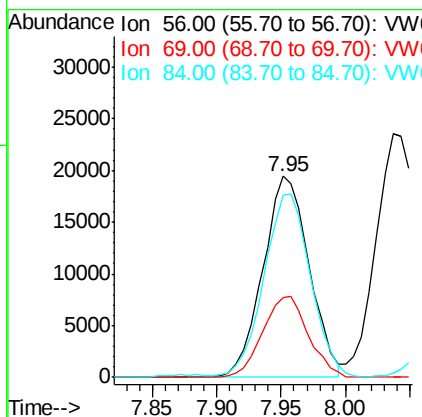
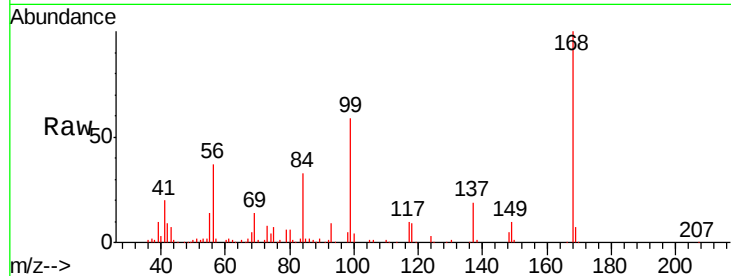
#31
Cyclohexane
Concen: 21.85 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	39.6	29.1	43.7
84	89.3	70.6	105.8

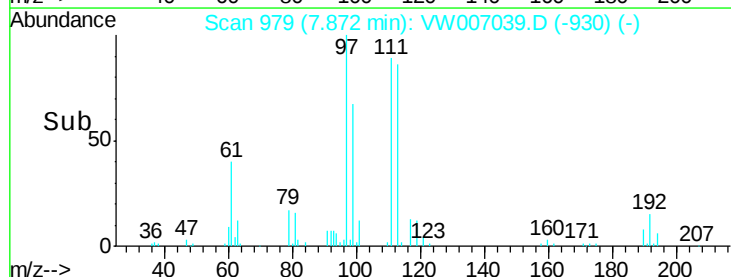
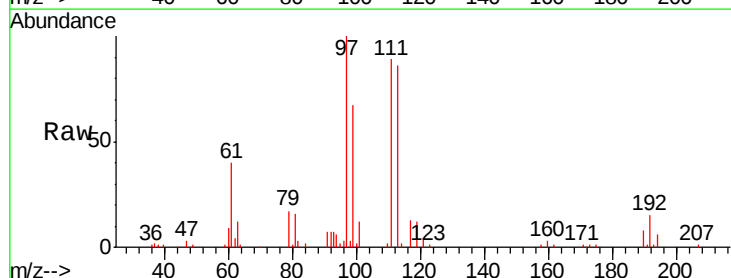
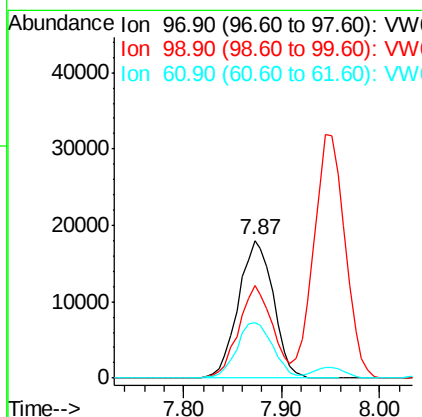
Manual Integrations
APPROVED

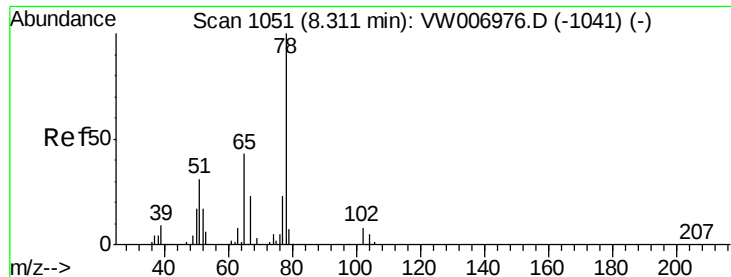
apatel
11/27/2018 12:26:59 PM



#32
1,1,1-Trichloroethane
Concen: 22.49 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.9	77.9
61	41.4	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 50.08 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

Tgt Ion: 65 Resp: 57500

Ion Ratio Lower Upper

65 100

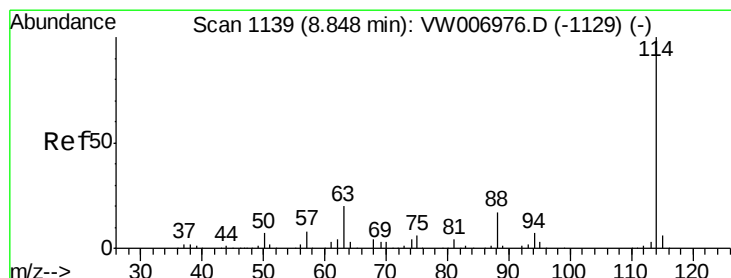
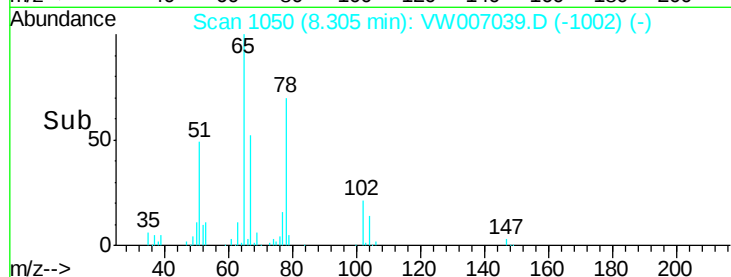
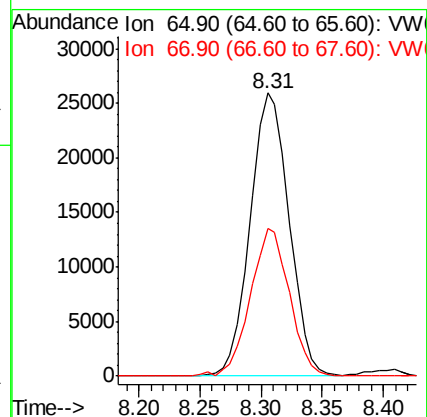
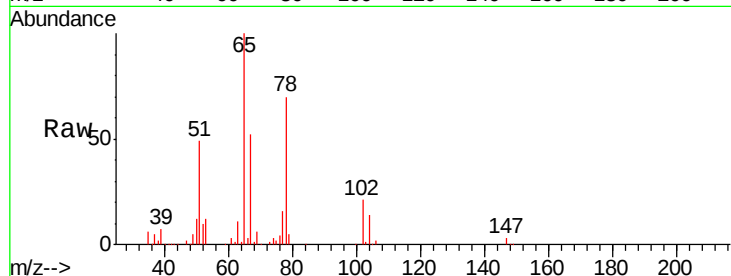
67 52.1 0.0 106.2

Manual Integrations

APPROVED

apatel

11/27/2018 12:26:59 PM



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

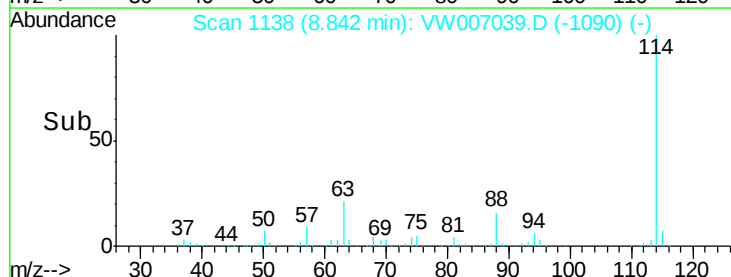
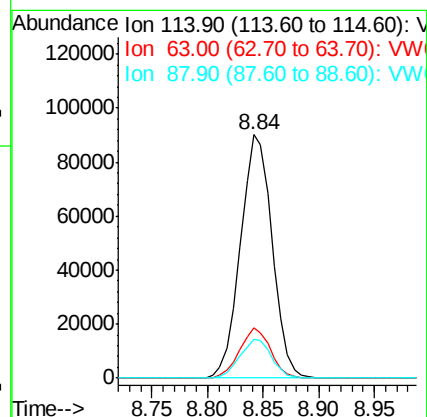
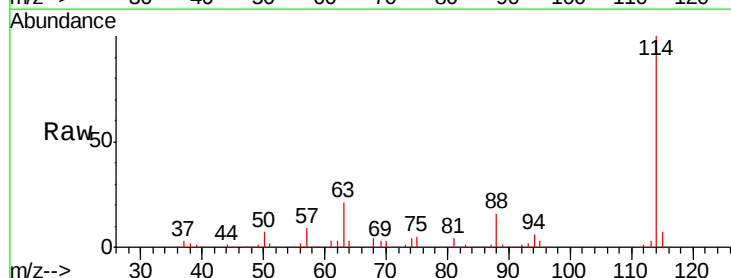
Tgt Ion: 114 Resp: 177659

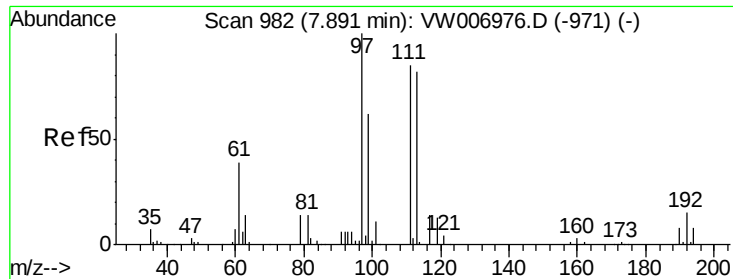
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.4

88 16.1 0.0 34.2





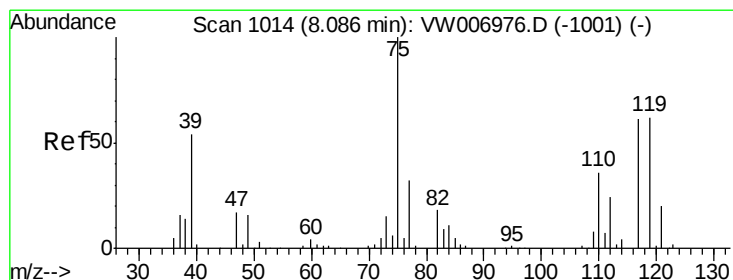
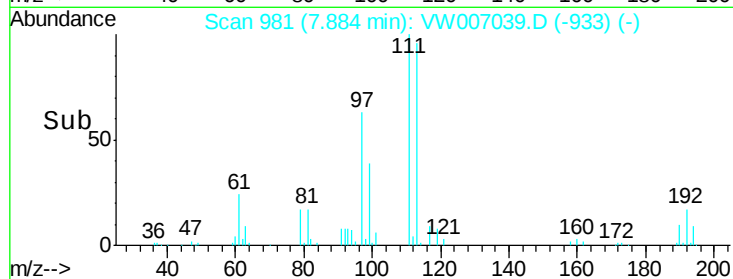
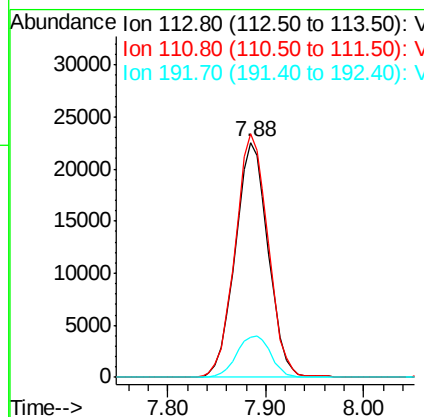
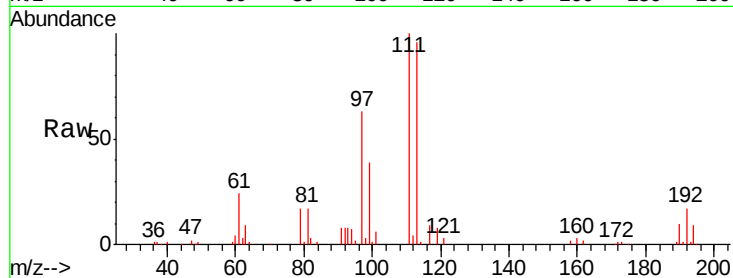
#35
 Dibromofluoromethane
 Concen: 52.28 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	52448		
111	104.1	81.0	121.6	
192	18.2	15.0	22.6	

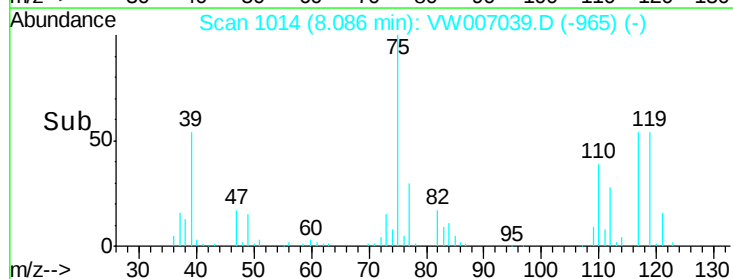
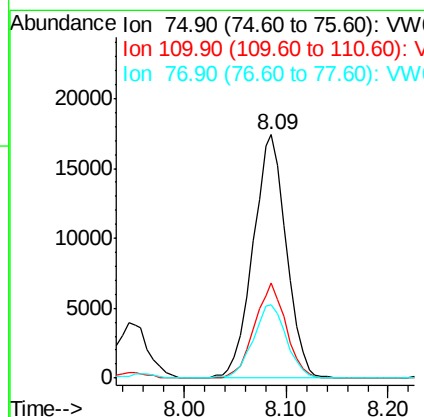
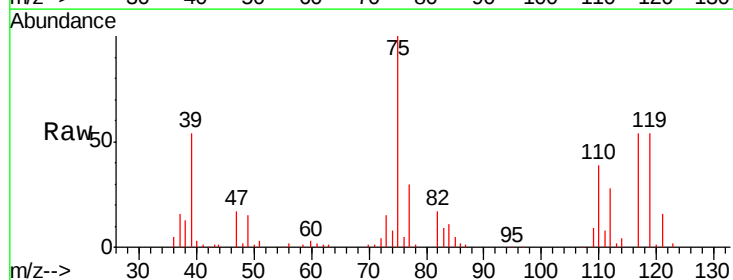
Manual Integrations
 APPROVED

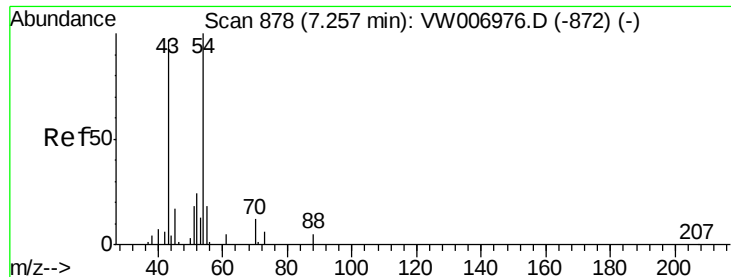
apatel
 11/27/2018 12:26:59 PM



#36
 1,1-Dichloropropene
 Concen: 22.73 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	39461		
110	36.9	18.0	54.0	
77	30.3	24.9	37.3	





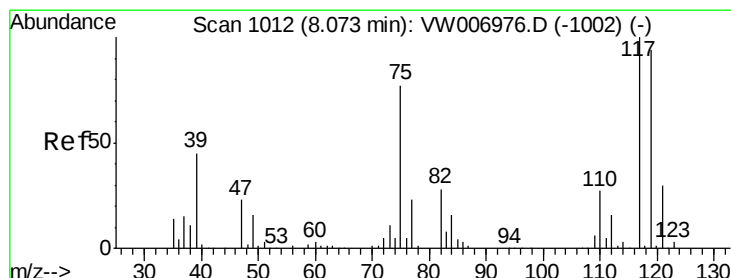
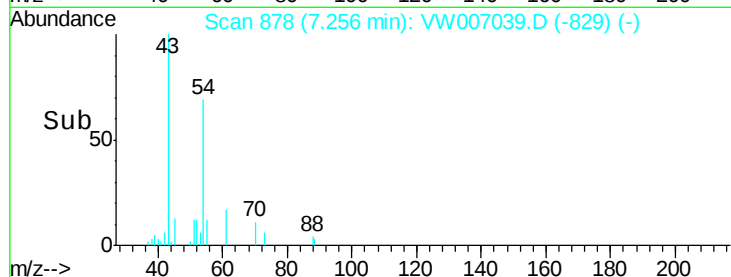
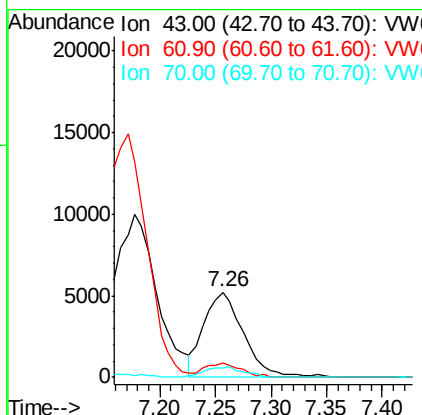
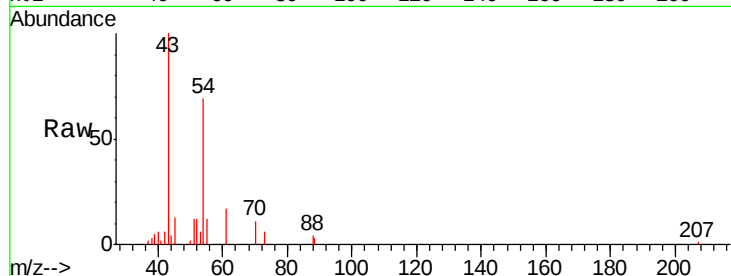
#37
Ethyl Acetate
Concen: 20.59 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.4	15.6
70	11.8	8.8	13.2

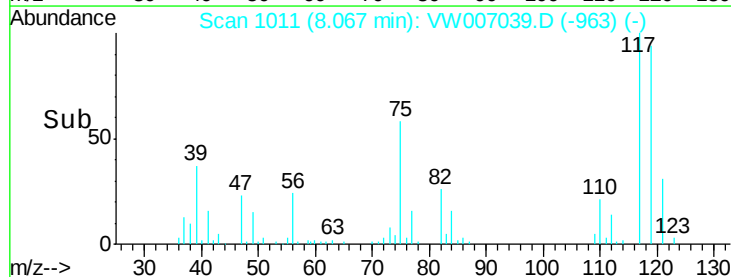
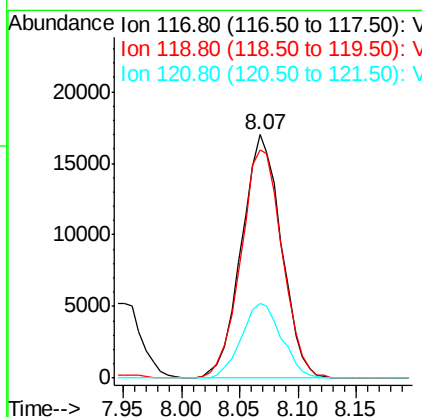
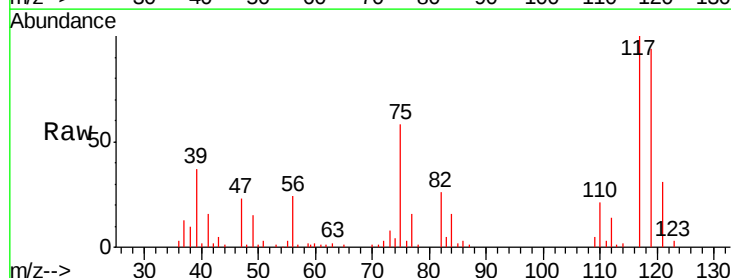
Manual Integrations
APPROVED

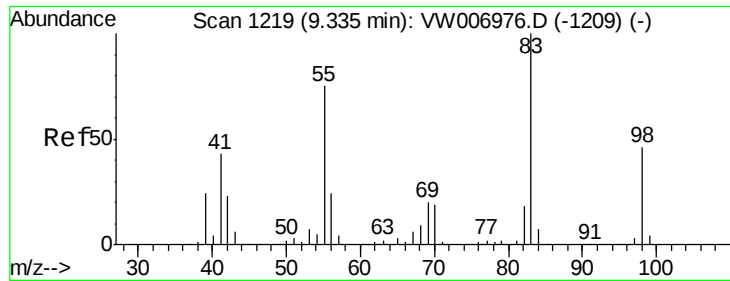
apatel
11/27/2018 12:26:59 PM



#38
Carbon Tetrachloride
Concen: 24.35 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	74.9	112.3
121	30.7	23.6	35.4





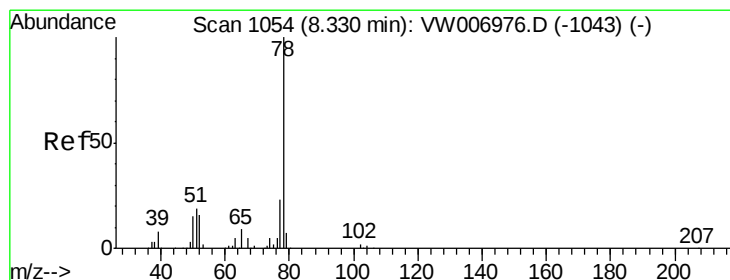
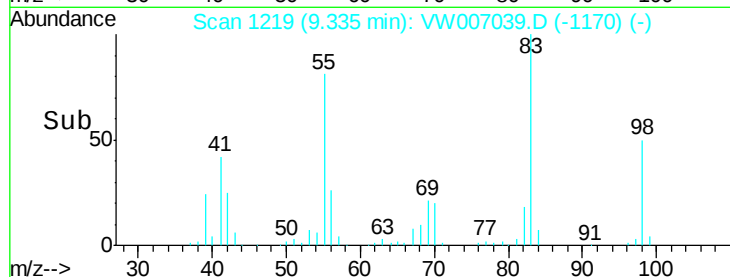
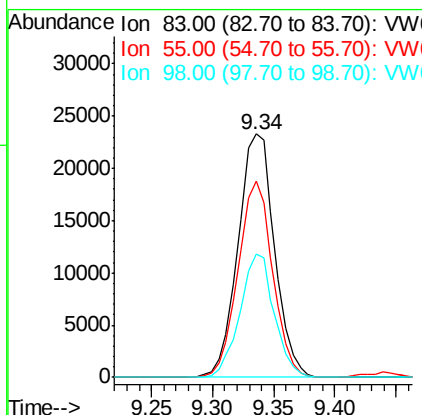
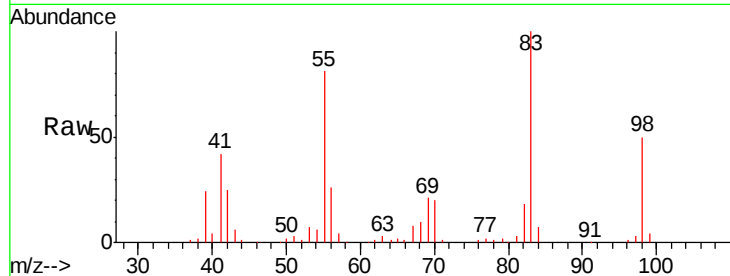
#39
Methylcyclohexane
Concen: 22.18 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.8	59.6	89.4
98	50.4	37.1	55.7

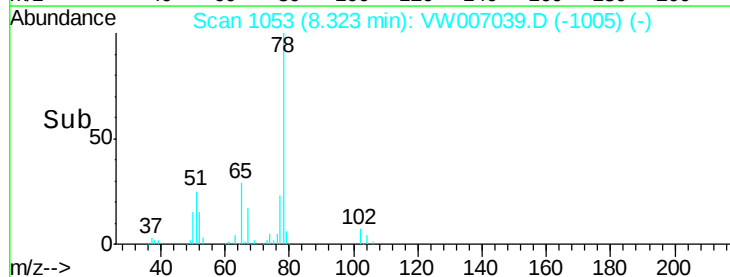
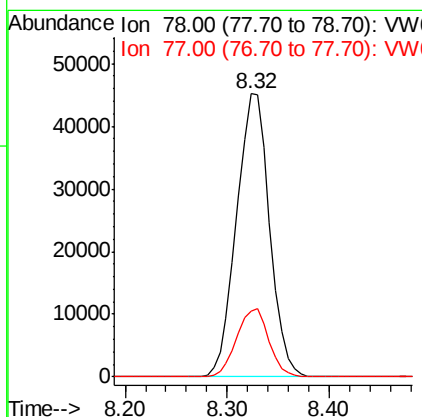
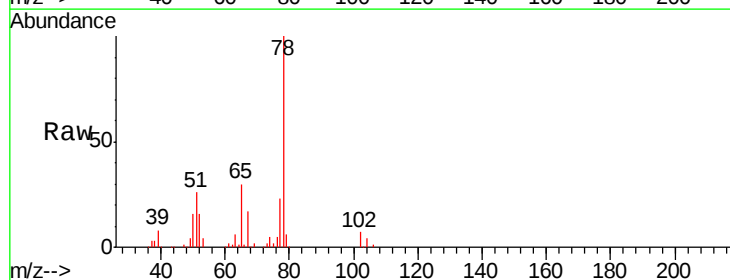
Manual Integrations
APPROVED

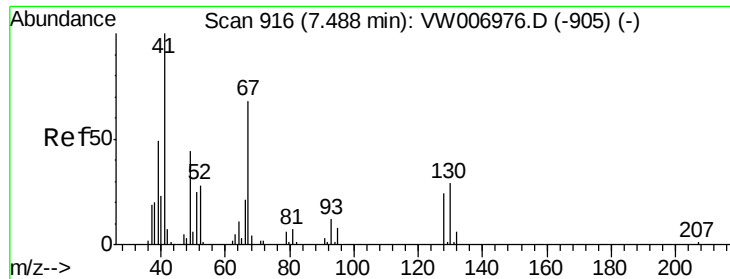
apatel
11/27/2018 12:26:59 PM



#40
Benzene
Concen: 21.68 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0





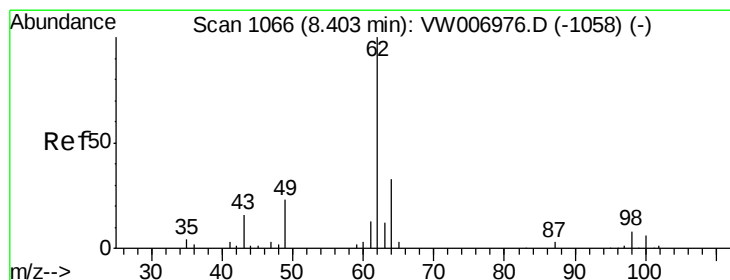
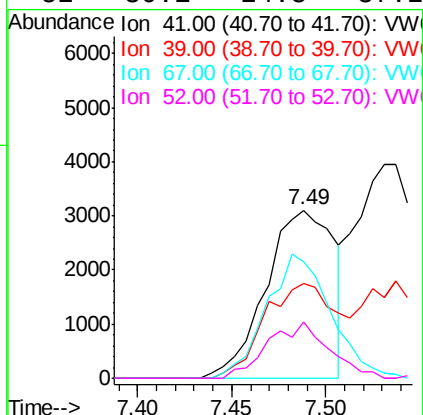
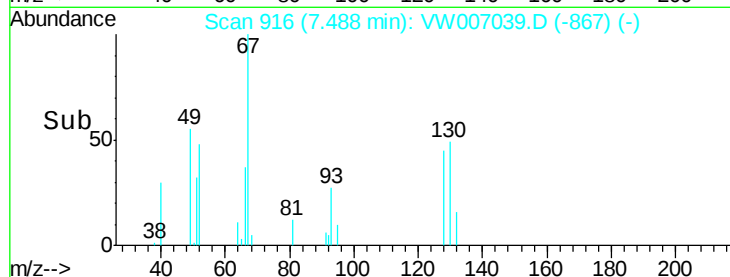
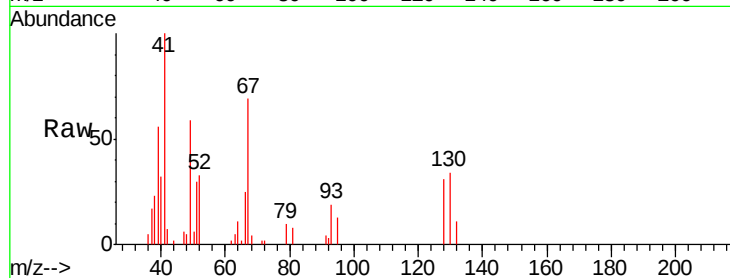
#41
Methacrylonitrile
Concen: 19.98 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.9	48.6	73.0
67	69.3	59.8	89.8
52	30.1	24.8	37.2

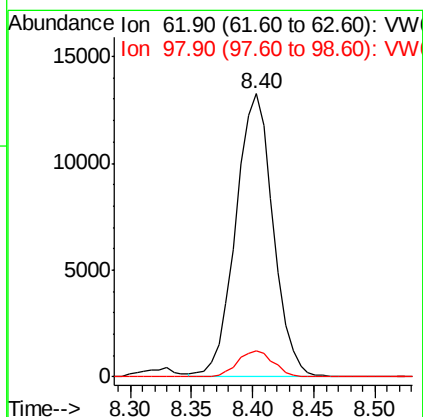
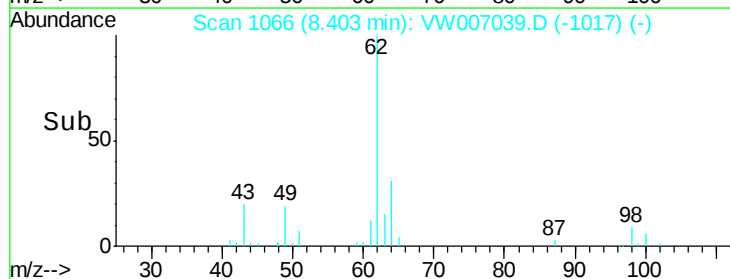
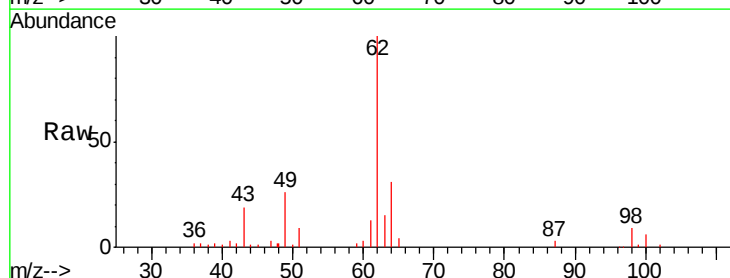
Manual Integrations
APPROVED

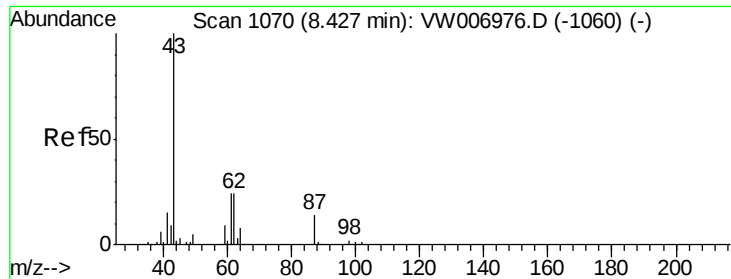
apatel
11/27/2018 12:26:59 PM



#42
1,2-Dichloroethane
Concen: 20.69 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.6





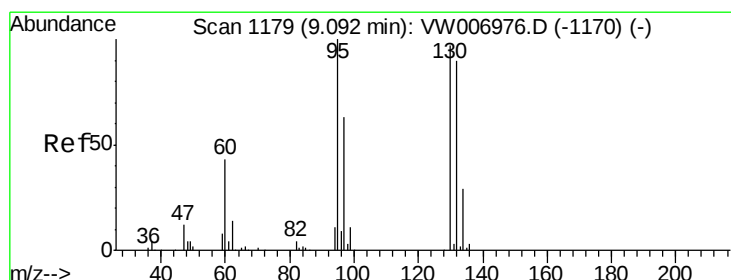
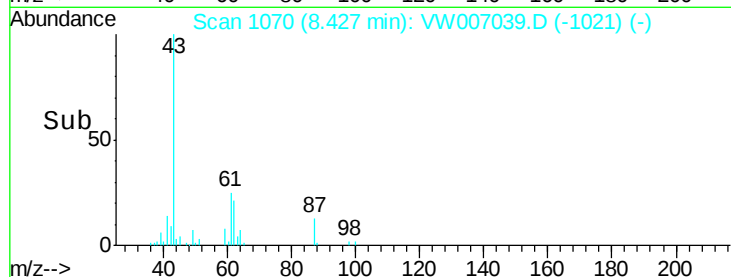
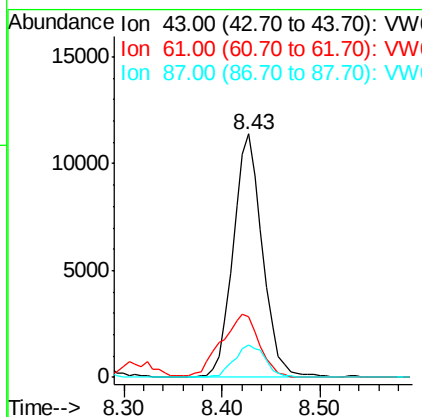
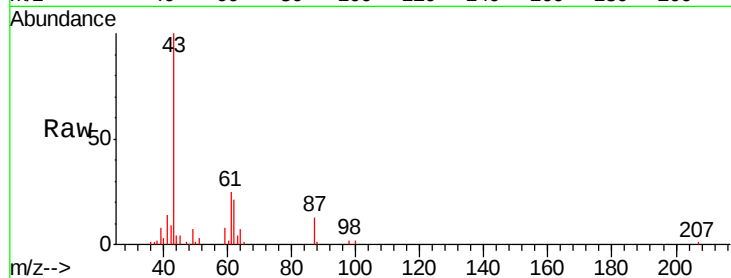
#43
Isopropyl Acetate
Concen: 19.66 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	33.7	26.1	39.1
87	14.0	11.2	16.8

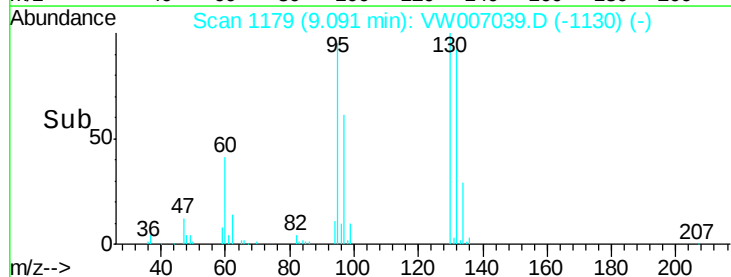
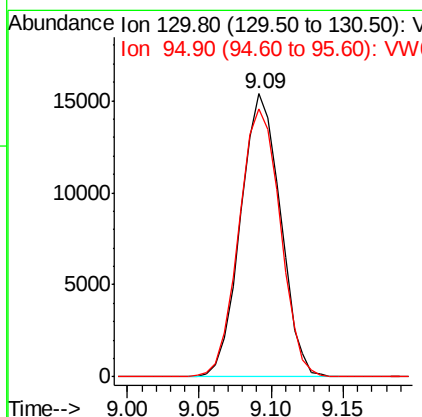
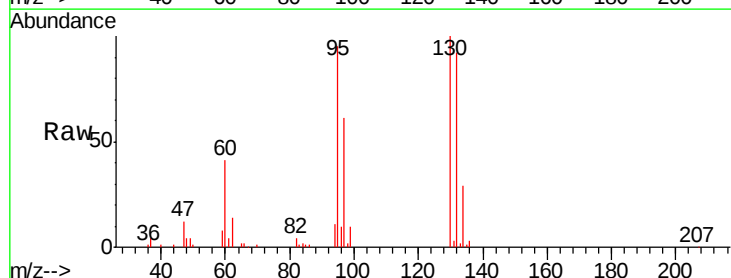
Manual Integrations
APPROVED

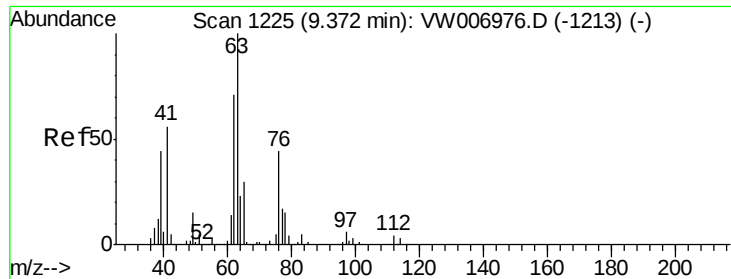
apatel
11/27/2018 12:26:59 PM



#44
Trichloroethene
Concen: 22.46 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	206.4





#45

1,2-Dichloropropane

Concen: 21.24 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

Tgt Ion: 63 Resp: 24537

Ion Ratio Lower Upper

63 100

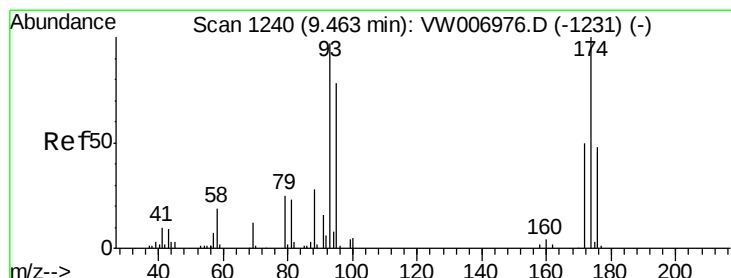
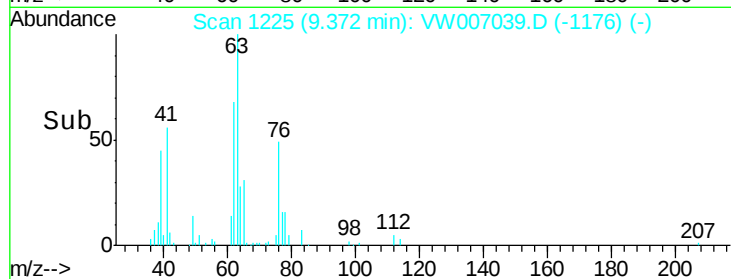
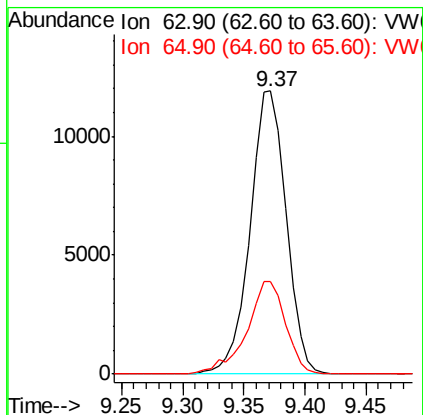
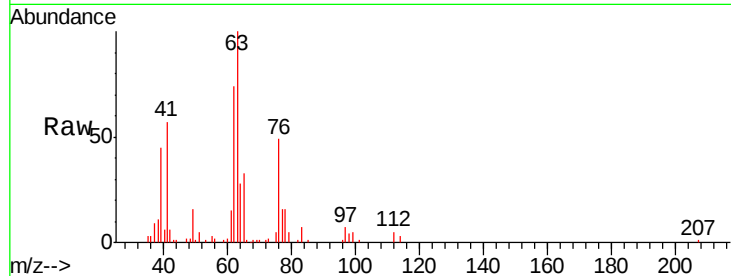
65 32.5 24.4 36.6

Manual Integrations

APPROVED

apatel

11/27/2018 12:26:59 PM



#46

Dibromomethane

Concen: 20.98 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

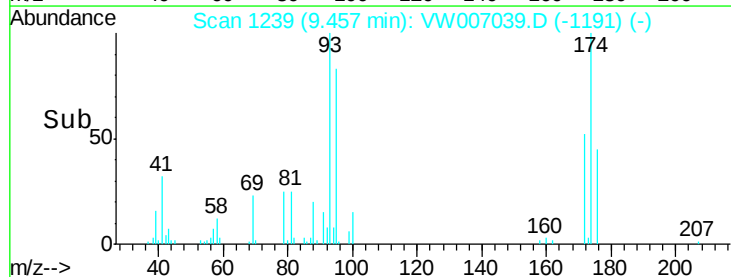
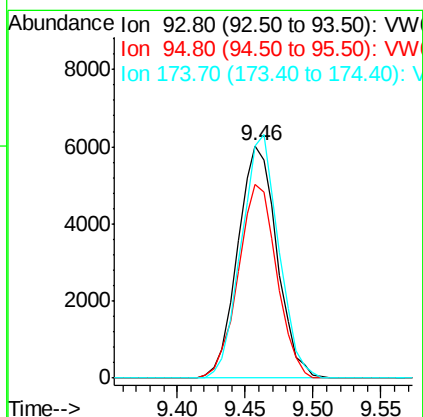
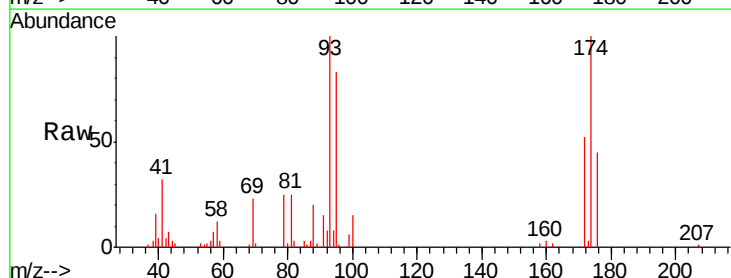
Tgt Ion: 93 Resp: 12137

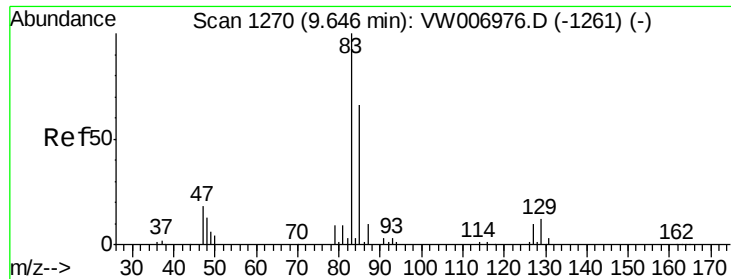
Ion Ratio Lower Upper

93 100

95 81.8 66.1 99.1

174 100.1 79.7 119.5





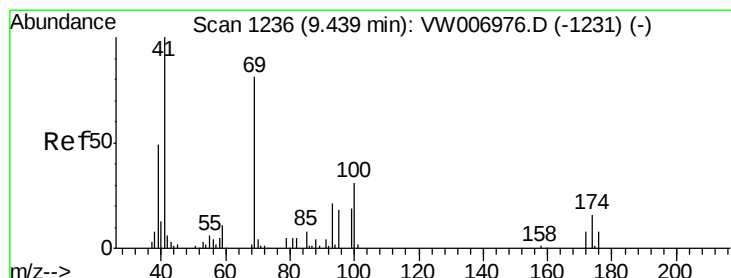
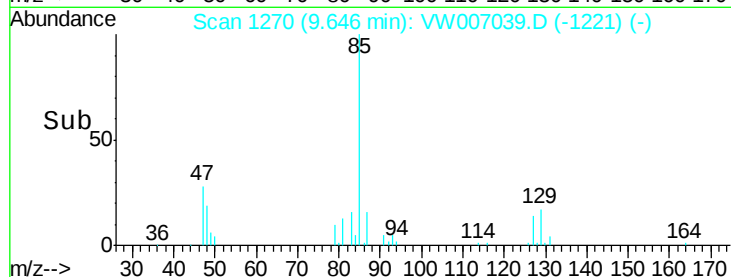
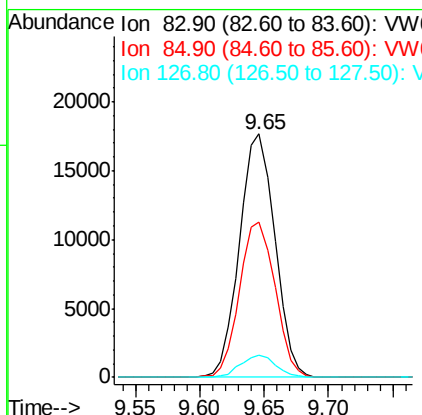
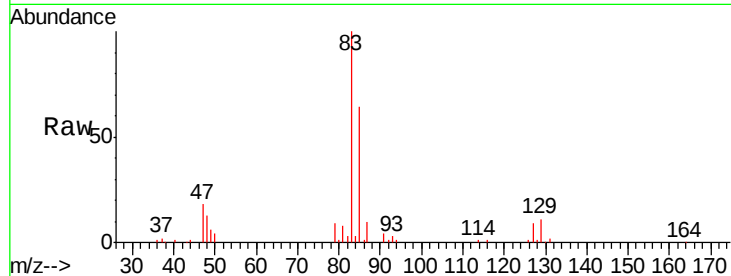
#47
 Bromodichloromethane
 Concen: 22.15 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.9	79.3
127	9.1	7.8	11.6

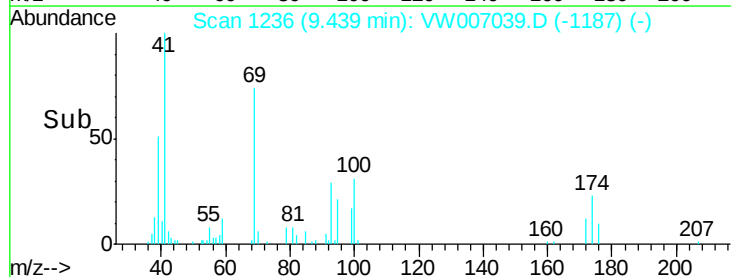
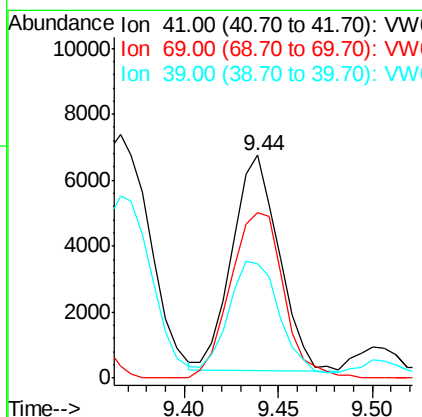
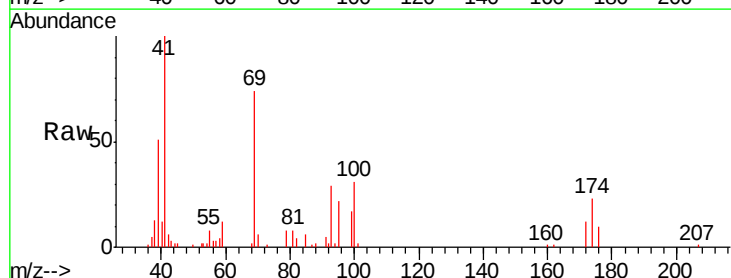
Manual Integrations
 APPROVED

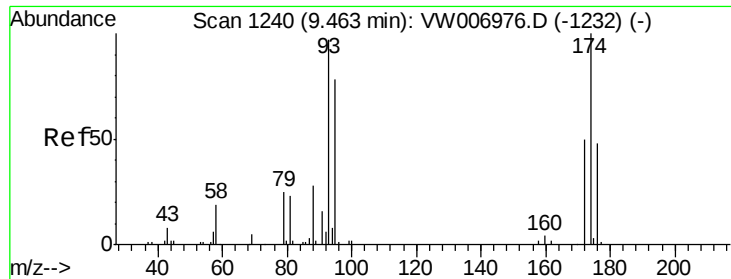
apatel
 11/27/2018 12:26:59 PM



#48
 Methyl methacrylate
 Concen: 19.42 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.6	71.4	107.0
39	54.5	44.8	67.2





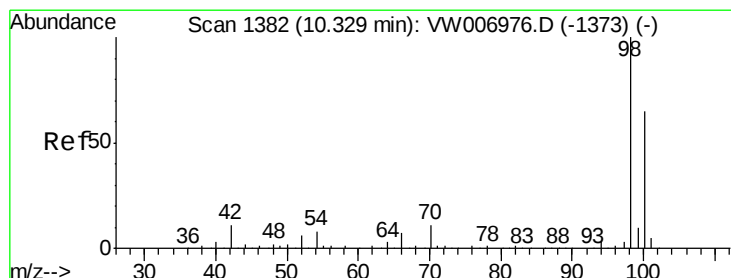
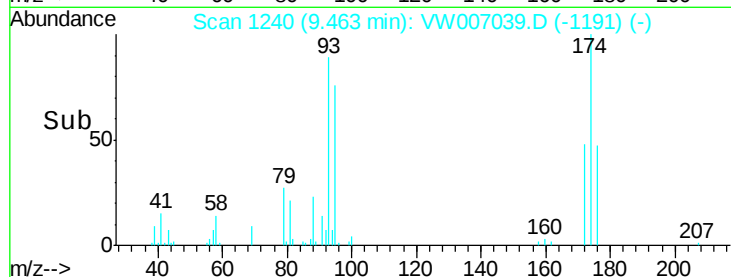
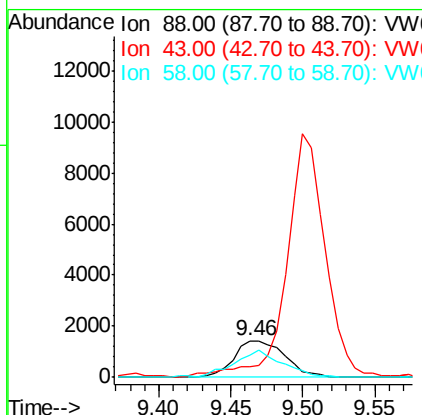
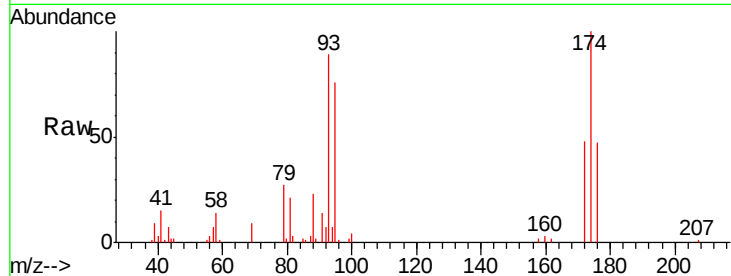
#49
1,4-Dioxane
Concen: 408.68 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	71.2	59.0	88.6

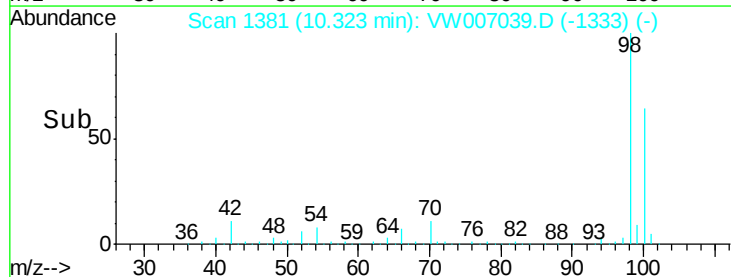
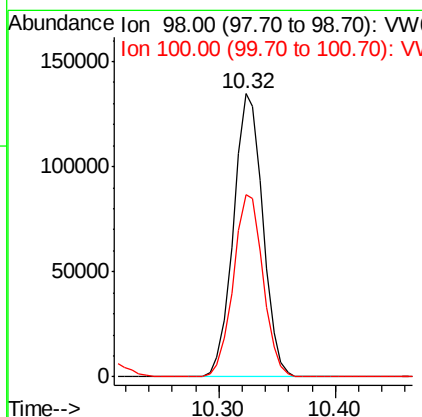
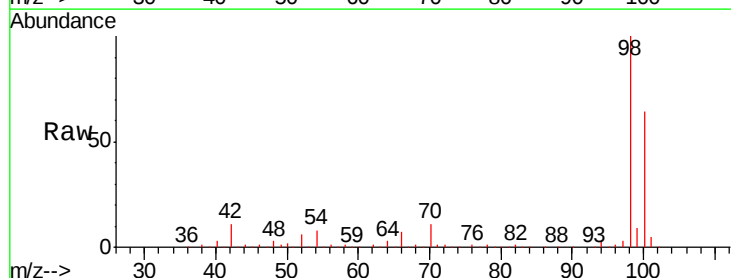
Manual Integrations
APPROVED

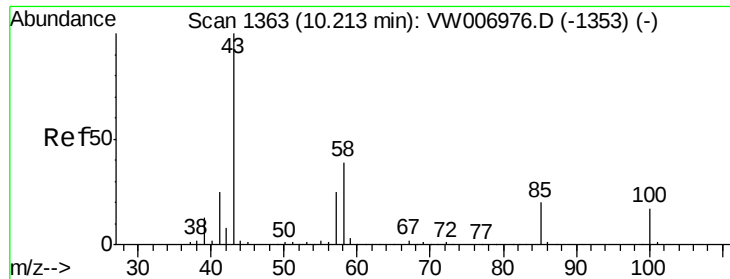
apatel
11/27/2018 12:26:59 PM



#50
Toluene-d8
Concen: 53.43 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





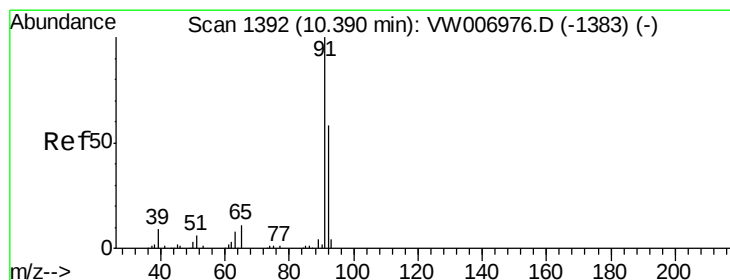
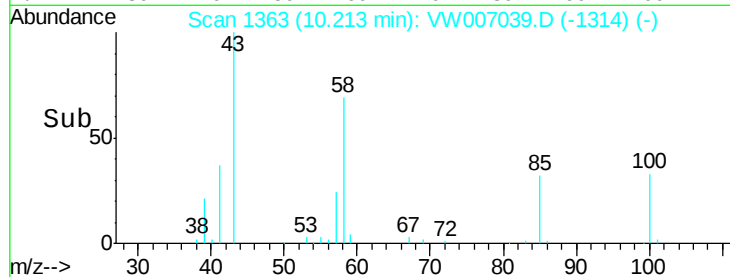
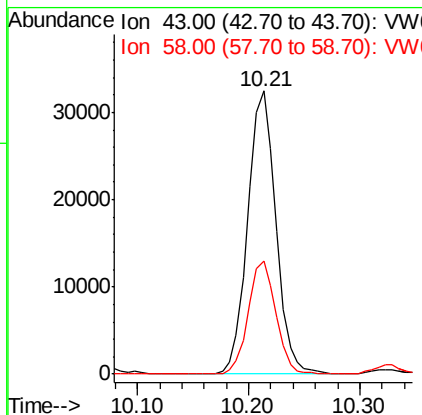
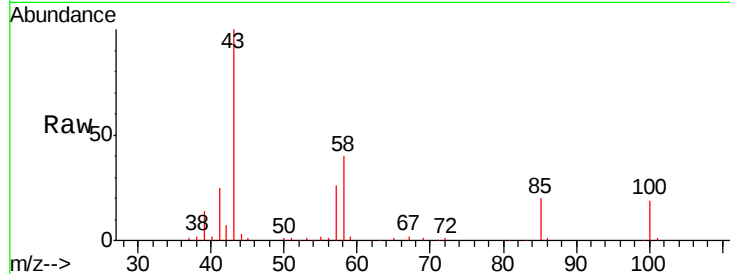
#51
 4-Methyl-2-Pentanone
 Concen: 94.98 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Tgt Ion: 43 Resp: 57547
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.8 47.6

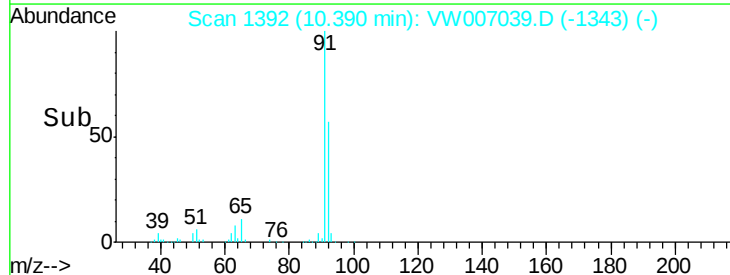
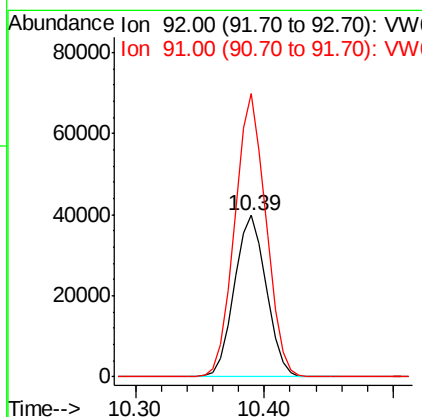
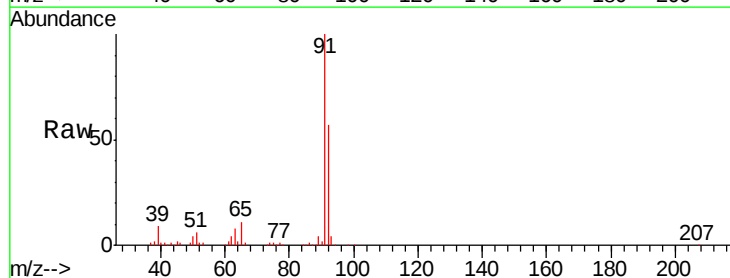
Manual Integrations
 APPROVED

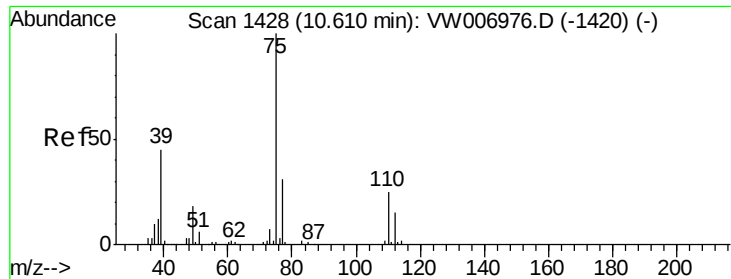
apatel
 11/27/2018 12:26:59 PM



#52
 Toluene
 Concen: 21.47 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion: 92 Resp: 68472
 Ion Ratio Lower Upper
 92 100
 91 171.1 137.3 205.9





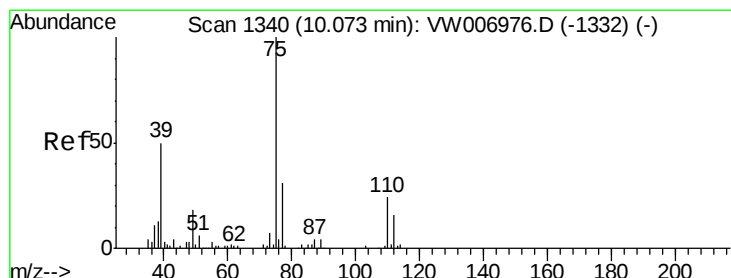
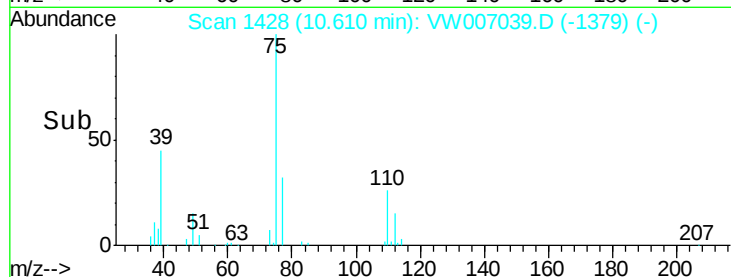
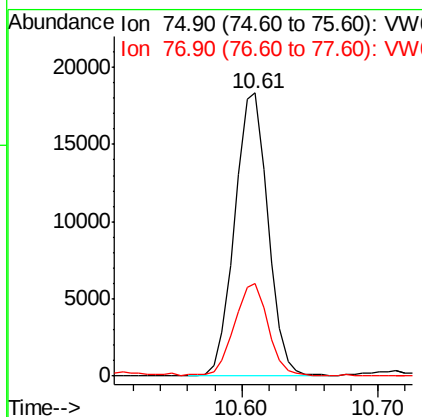
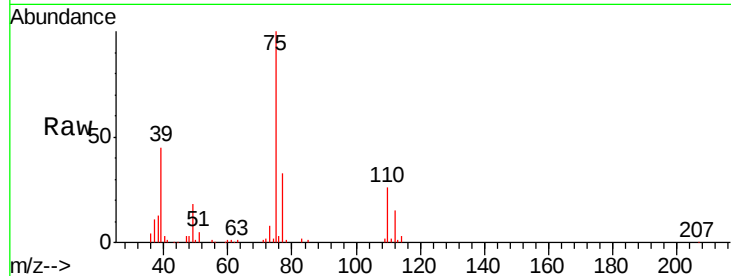
#53
t-1,3-Dichloropropene
Concen: 21.20 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion: 75 Resp: 31296
Ion Ratio Lower Upper
75 100
77 32.8 24.7 37.1

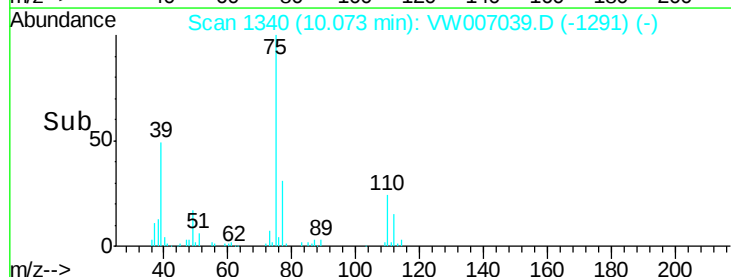
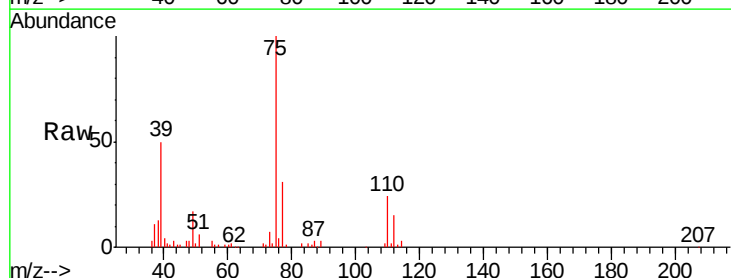
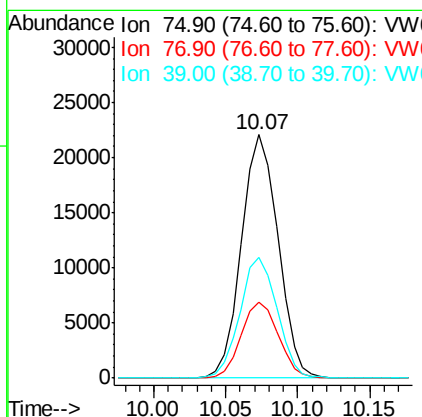
Manual Integrations
APPROVED

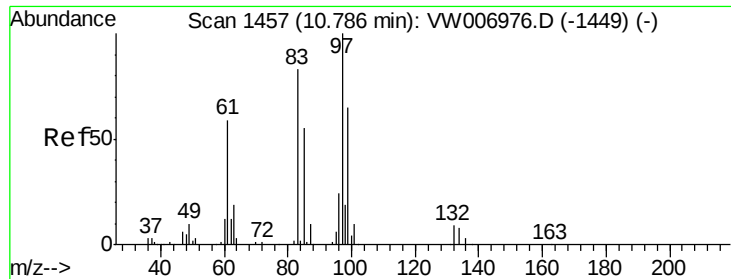
apatel
11/27/2018 12:26:59 PM



#54
cis-1,3-Dichloropropene
Concen: 21.84 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 75 Resp: 38961
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6
39 49.5 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 21.19 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

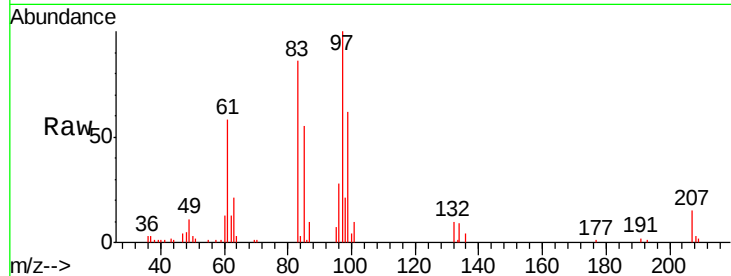
ClientSampleId :

VW1126SBS01

Tgt Ion:	97	Resp:	18036
Ion Ratio	Lower	Upper	
97	100		
83	85.7	66.4	99.6
85	55.4	44.1	66.1
99	61.8	51.7	77.5

Manual Integrations
APPROVED

apatel
11/27/2018 12:26:59 PM

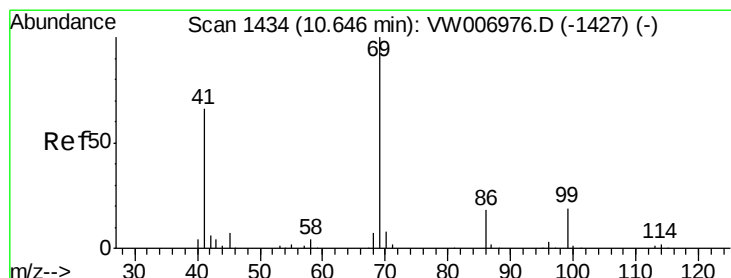
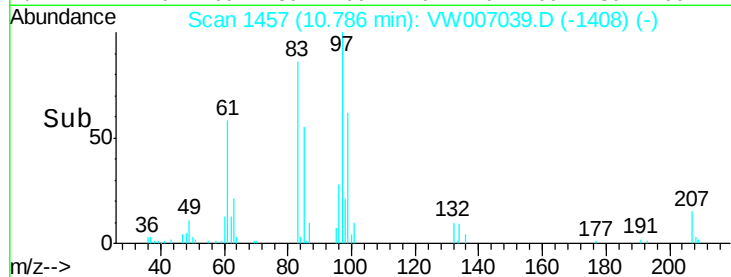
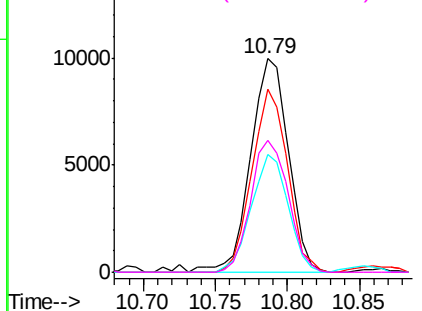


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.17 ug/l

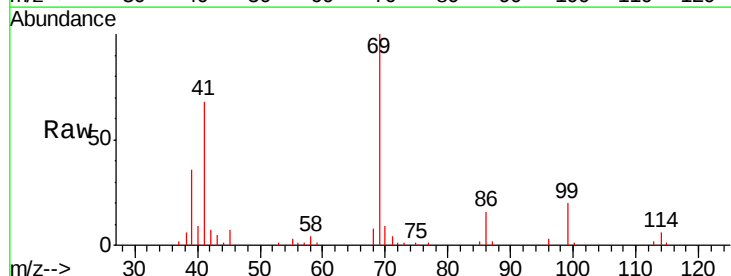
RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

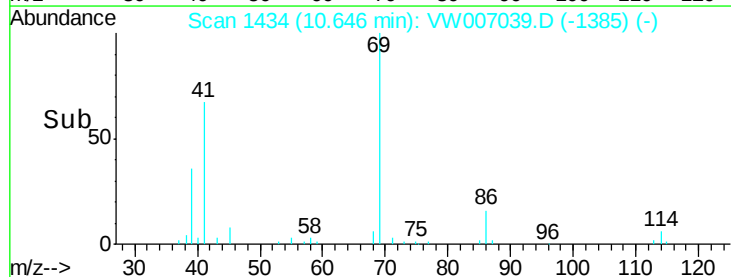
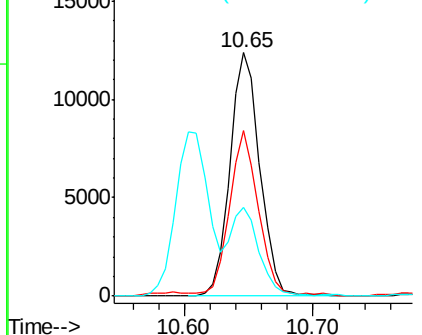
Tgt Ion:	69	Resp:	19931
Ion Ratio	Lower	Upper	
69	100		
41	67.0	53.4	80.0
39	35.9	28.2	42.4

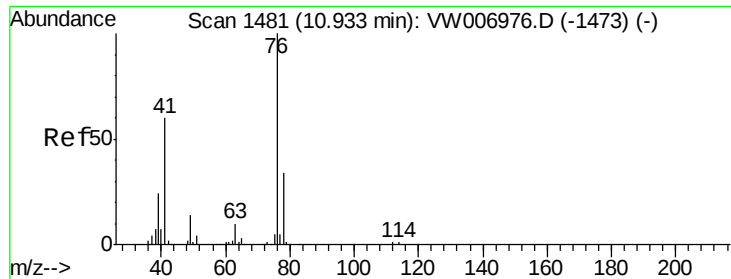


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





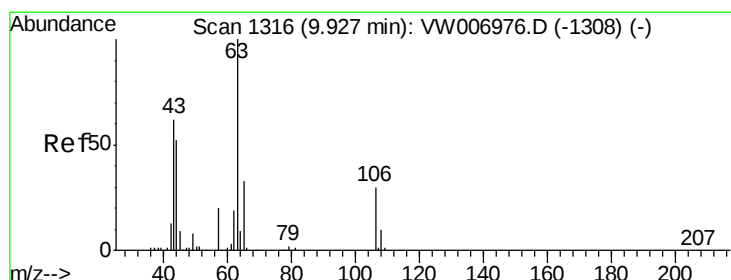
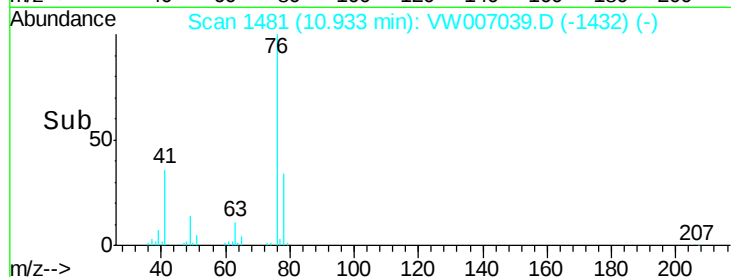
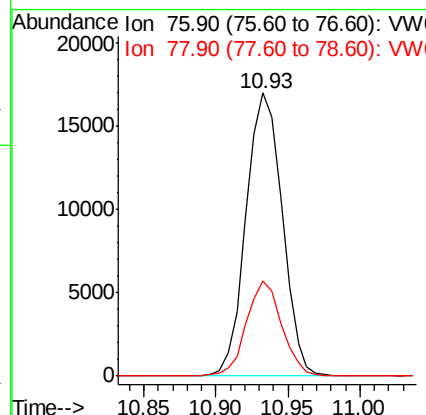
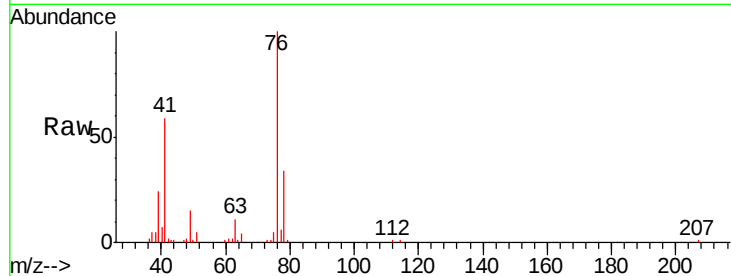
#57
 1,3-Dichloropropane
 Concen: 20.75 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Tgt Ion: 76 Resp: 29593
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6

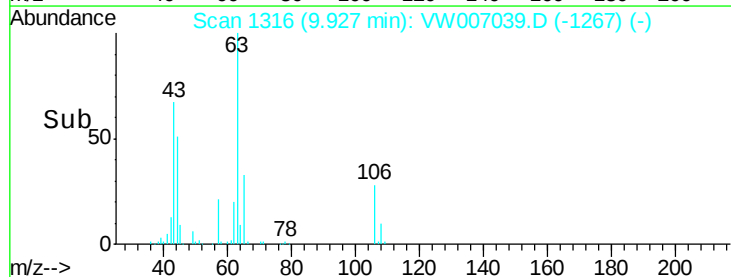
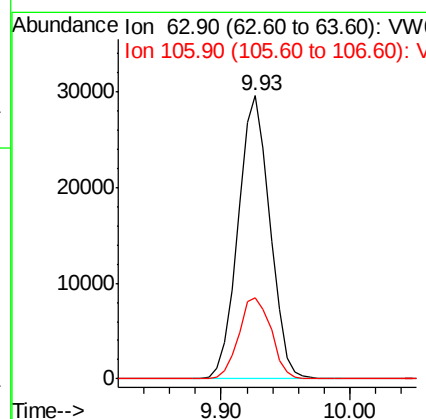
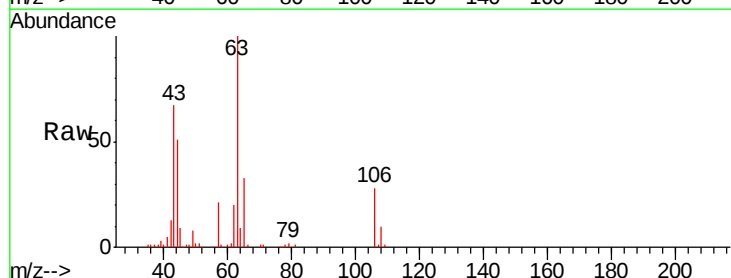
Manual Integrations
 APPROVED

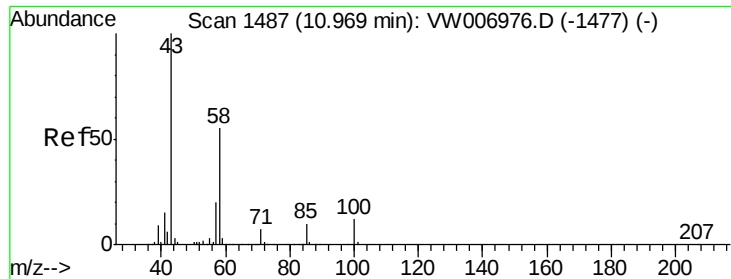
apatel
 11/27/2018 12:26:59 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.02 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion: 63 Resp: 50607
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.5 35.3





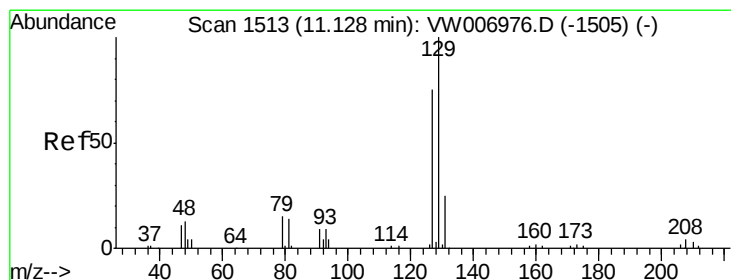
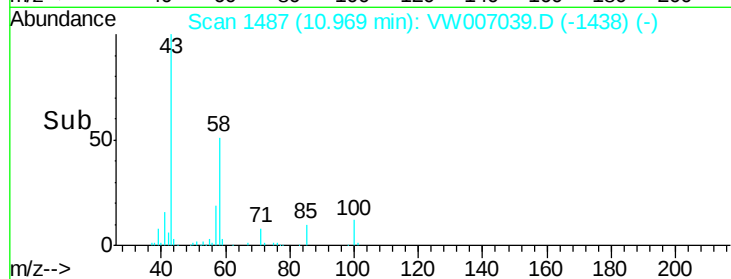
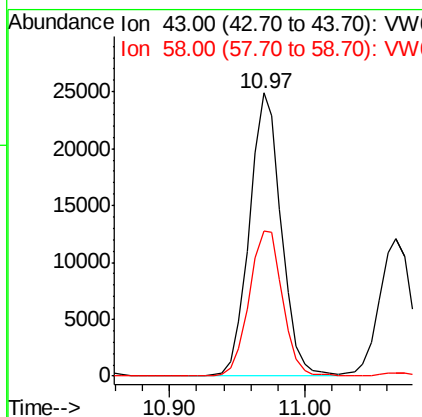
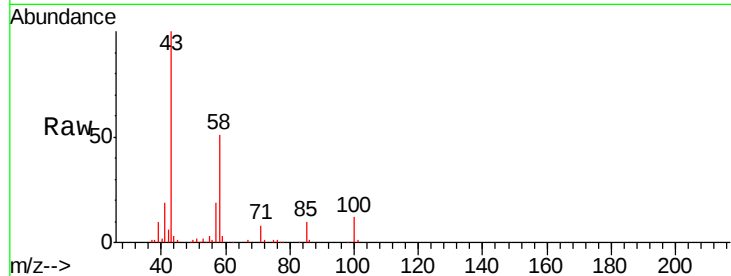
#59
2-Hexanone
Concen: 98.59 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampled :
VW1126SBS01

Tgt Ion: 43 Resp: 40905
Ion Ratio Lower Upper
43 100
58 53.7 27.3 81.8

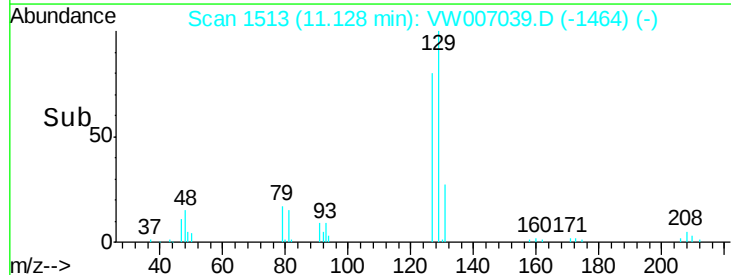
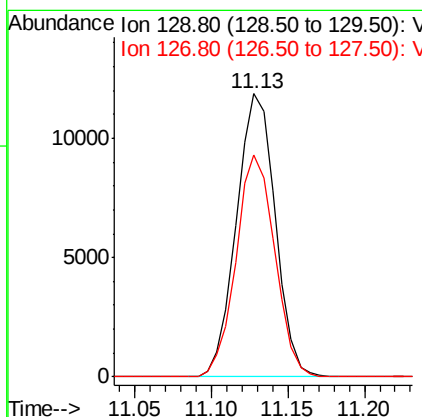
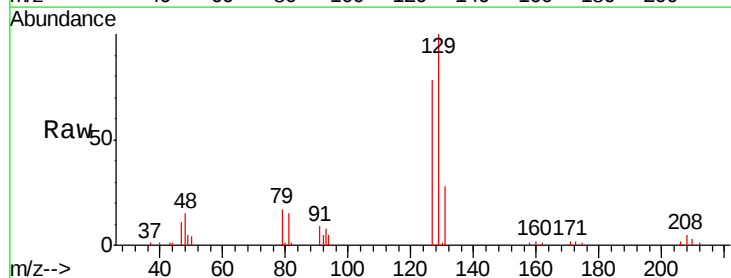
Manual Integrations
APPROVED

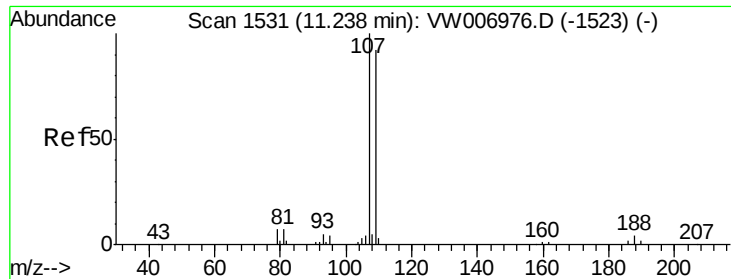
apatel
11/27/2018 12:26:59 PM



#60
Dibromochloromethane
Concen: 21.58 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 129 Resp: 20929
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.75 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

Tgt Ion: 107 Resp: 16160

Ion Ratio Lower Upper

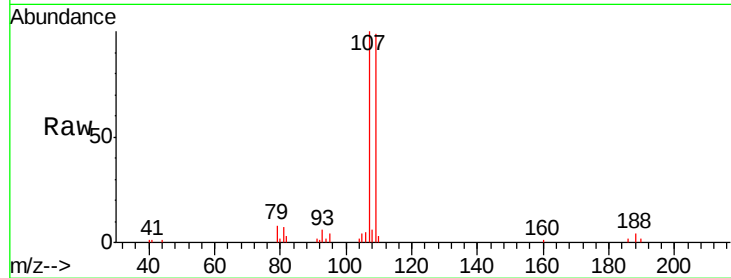
107 100

109 96.4 75.1 112.7

Manual Integrations
APPROVED

apatel

11/27/2018 12:26:59 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

10000

8000

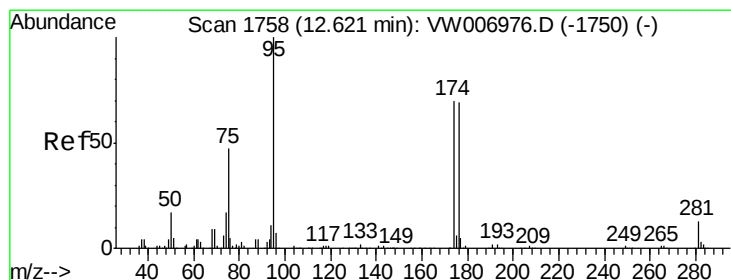
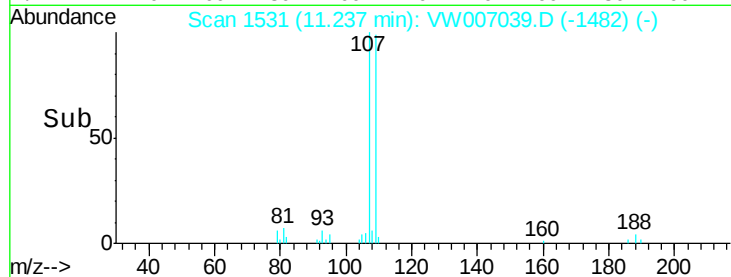
6000

4000

2000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 52.15 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

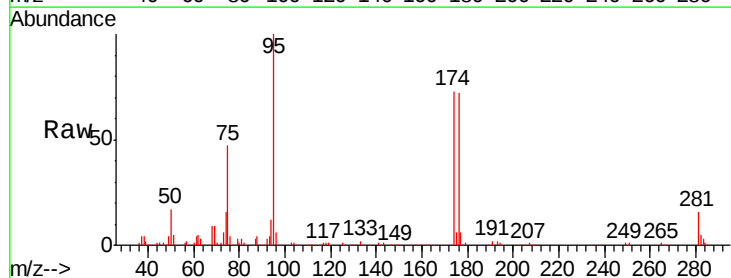
Tgt Ion: 95 Resp: 90915

Ion Ratio Lower Upper

95 100

174 74.8 0.0 143.6

176 72.1 0.0 140.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

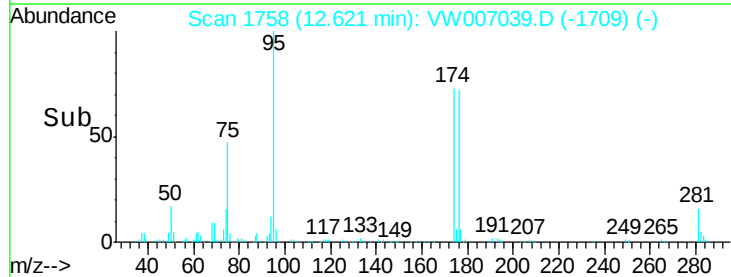
60000

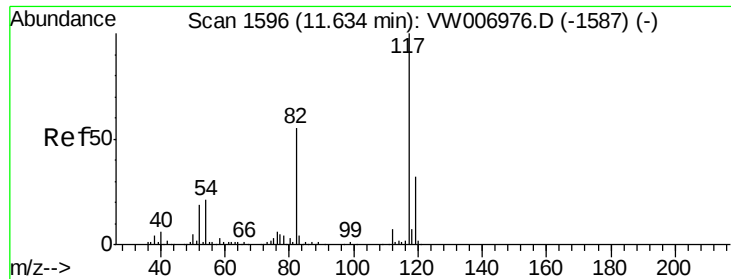
40000

20000

0

Time--> 12.55 12.60 12.65 12.70





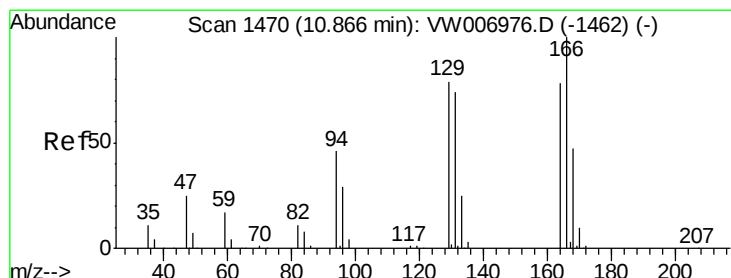
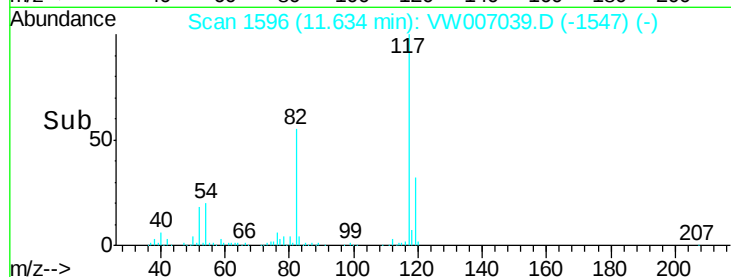
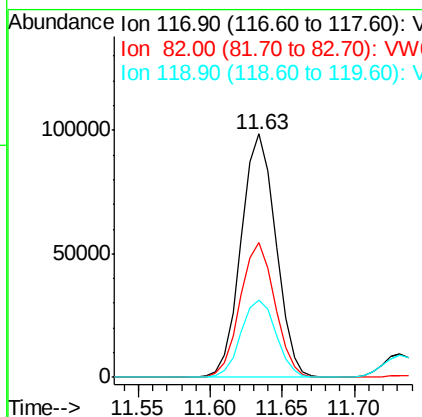
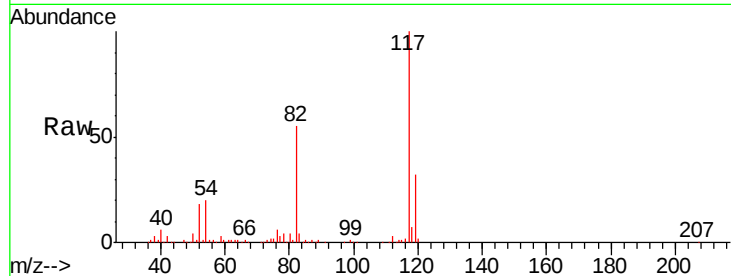
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	164789		
82	55.2	44.2	66.2	
119	31.8	25.9	38.9	

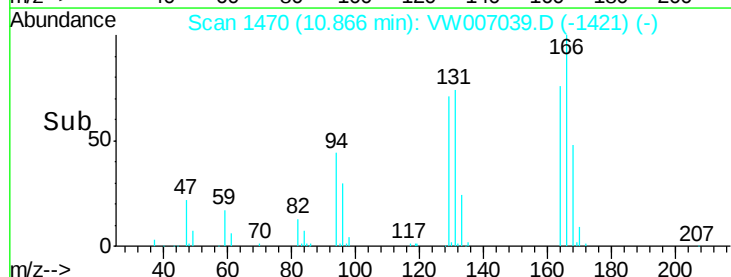
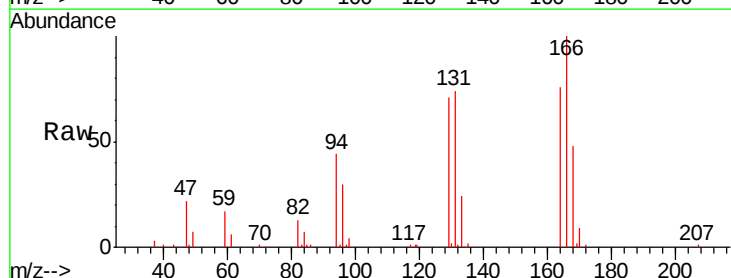
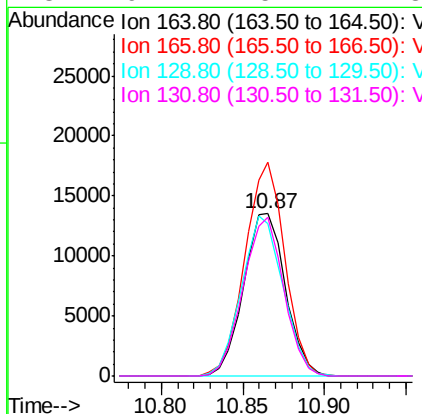
Manual Integrations
APPROVED

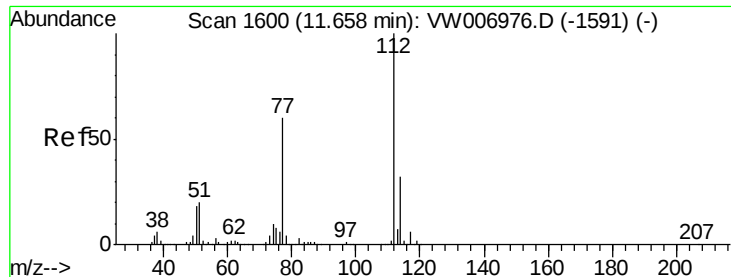
apatel
11/27/2018 12:26:59 PM



#64
Tetrachloroethene
Concen: 22.75 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	24114		
166	131.6	102.1	153.1	
129	93.6	80.4	120.6	
131	97.4	75.2	112.8	





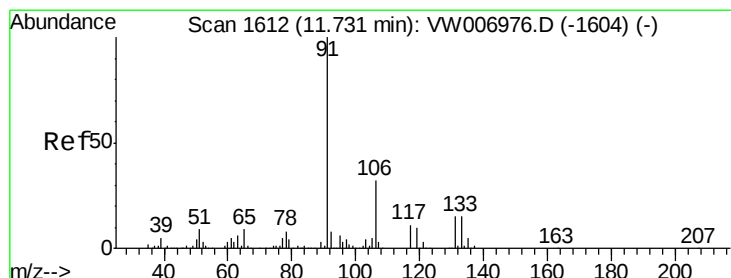
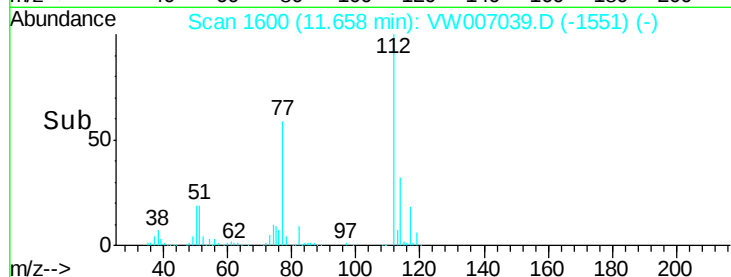
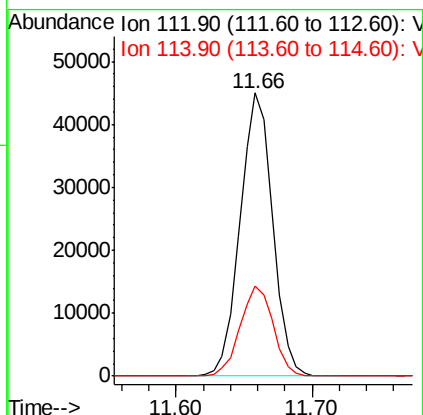
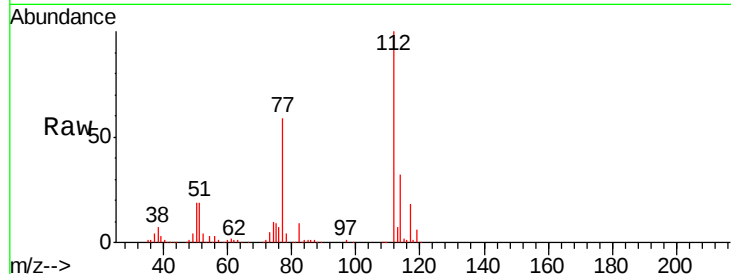
#65
Chlorobenzene
Concen: 21.79 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion:112 Resp: 74937
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8

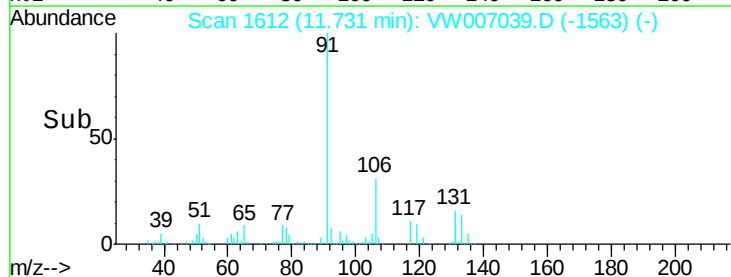
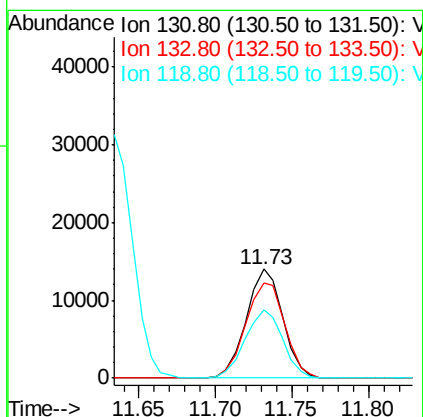
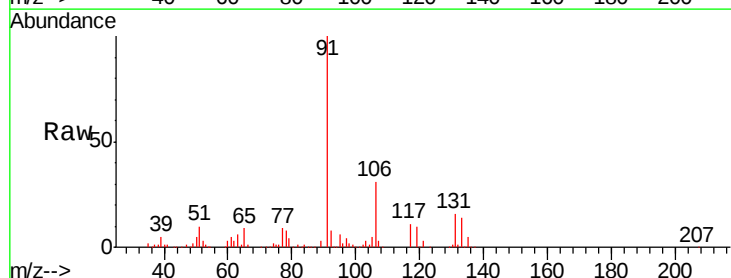
Manual Integrations
APPROVED

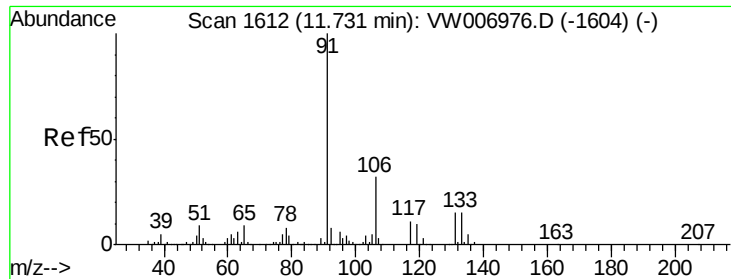
apatel
11/27/2018 12:26:59 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 22.37 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion:131 Resp: 23270
Ion Ratio Lower Upper
131 100
133 93.6 47.7 143.1
119 64.8 31.8 95.3





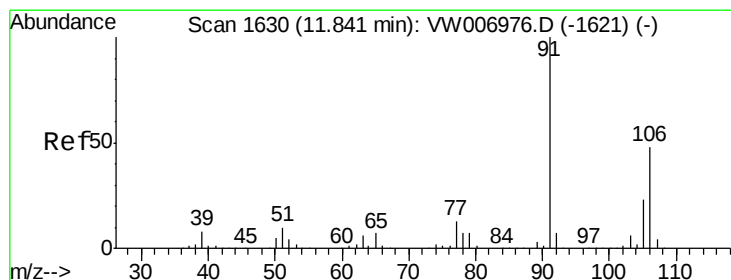
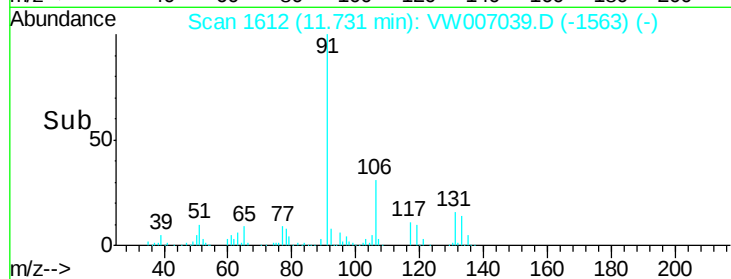
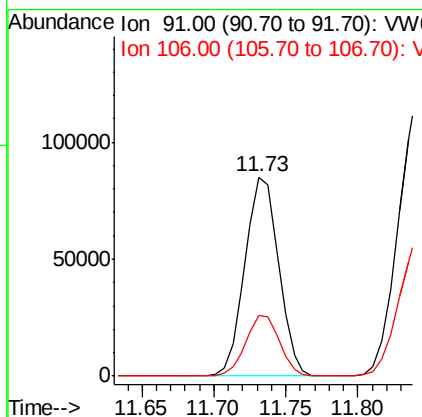
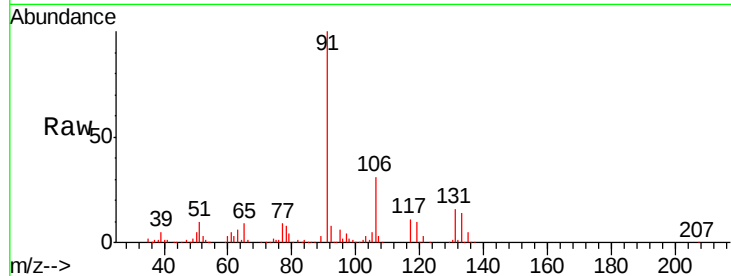
#67
Ethyl Benzene
Concen: 21.93 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion: 91 Resp: 138585
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2

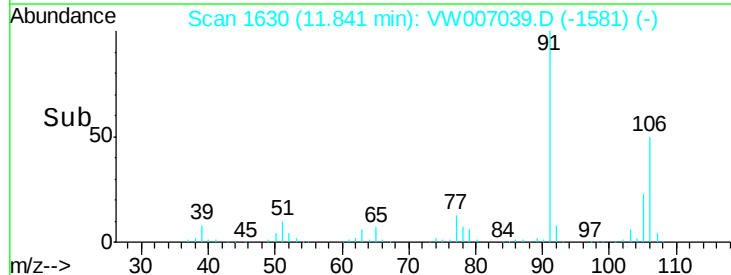
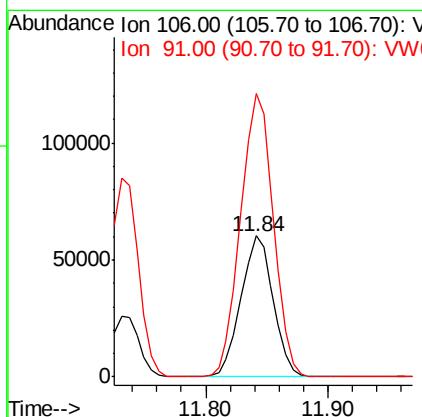
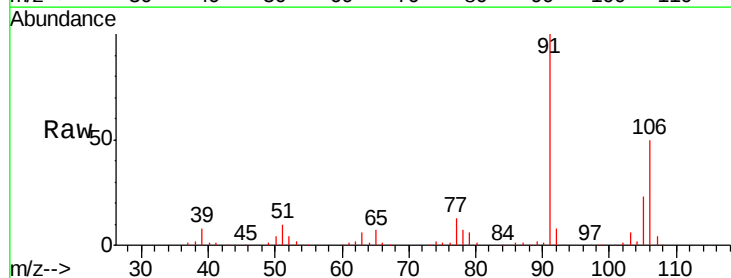
Manual Integrations
APPROVED

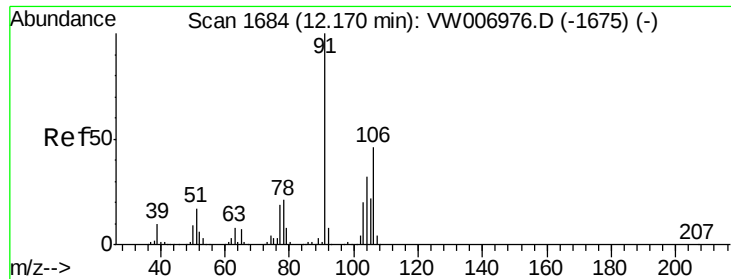
apatel
11/27/2018 12:26:59 PM



#68
m/p-Xylenes
Concen: 44.56 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 106 Resp: 110466
Ion Ratio Lower Upper
106 100
91 204.4 164.8 247.2





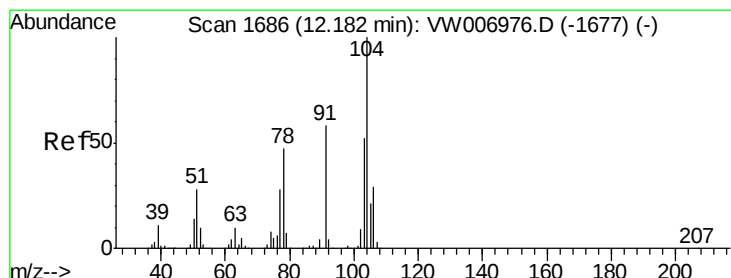
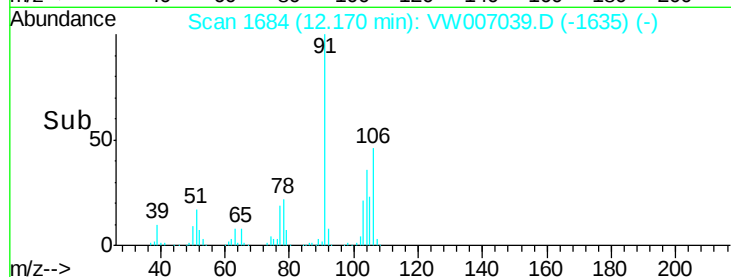
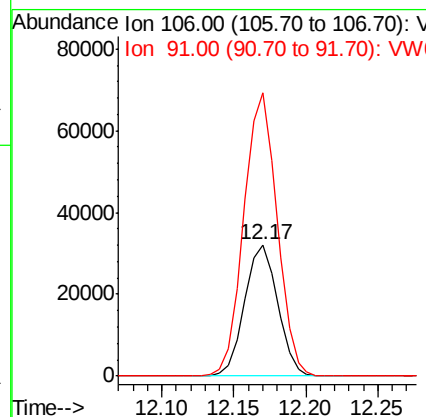
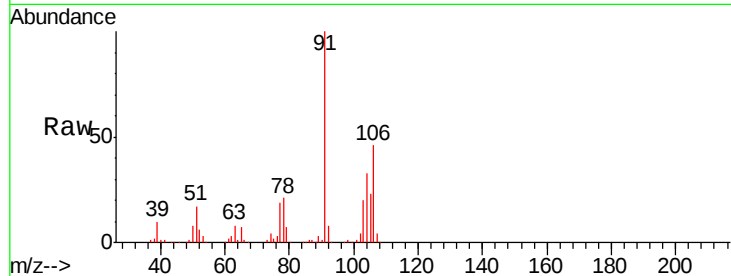
#69
o-Xylene
Concen: 21.82 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion:106 Resp: 50997
Ion Ratio Lower Upper
106 100
91 217.2 107.9 323.8

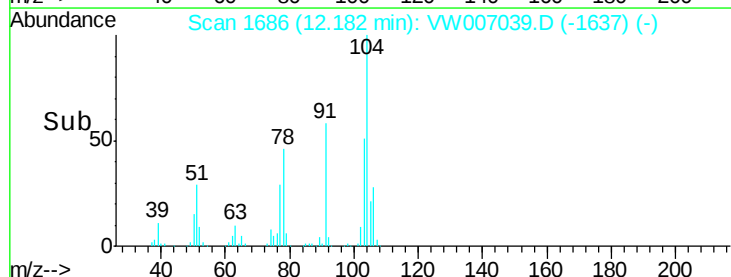
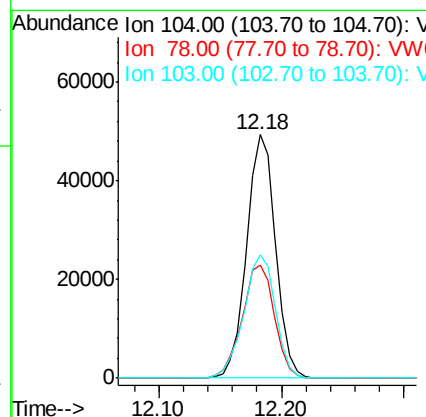
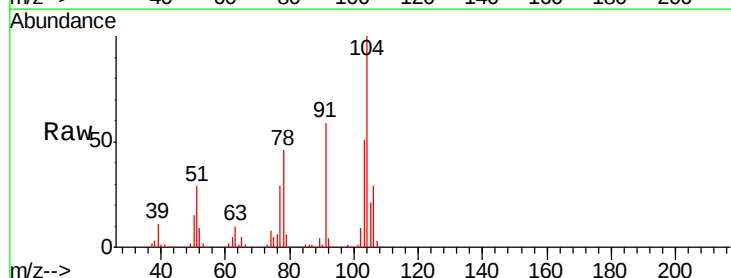
Manual Integrations
APPROVED

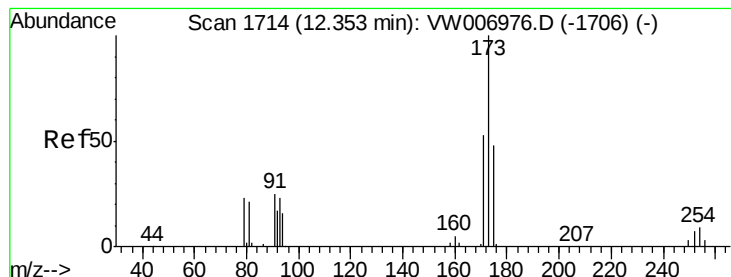
apatel
11/27/2018 12:26:59 PM



#70
Styrene
Concen: 21.79 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion:104 Resp: 81050
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.8
103 55.2 44.4 66.6





#71

Bromoform

Concen: 21.55 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

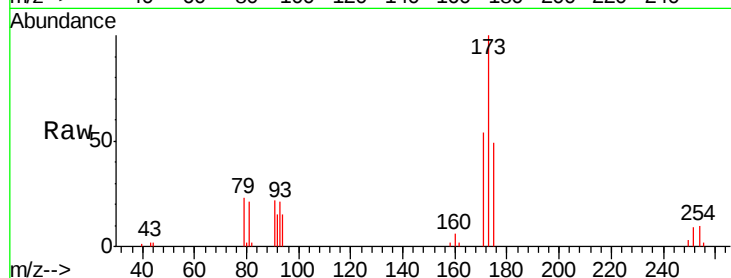
ClientSampleId :

VW1126SBS01

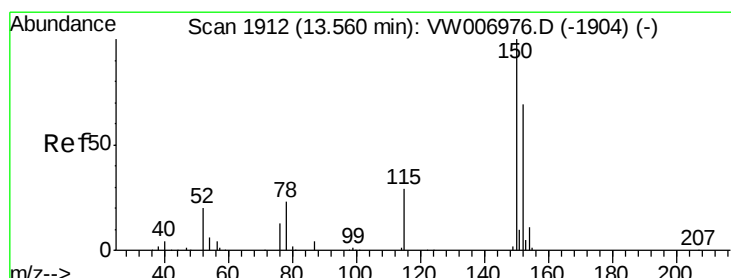
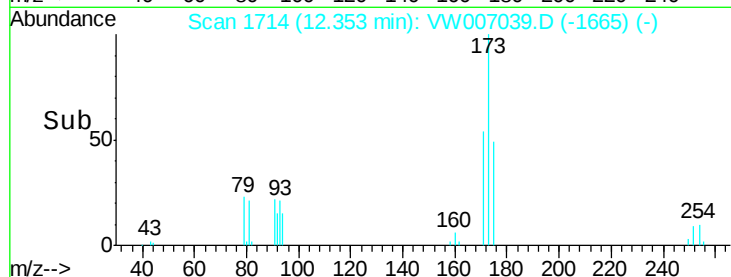
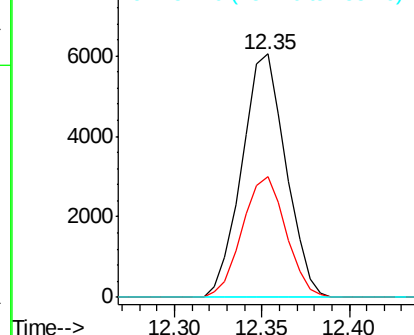
Tgt Ion:	173	Resp:	10564
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations
APPROVED

apatel
11/27/2018 12:26:59 PM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

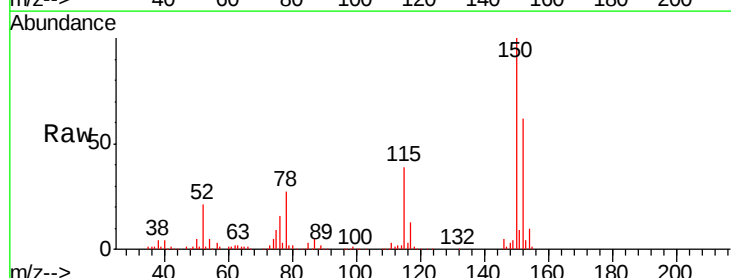
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

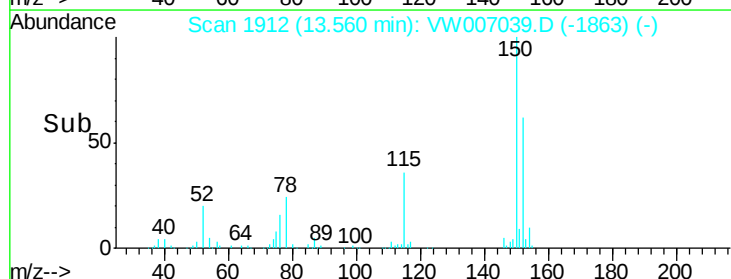
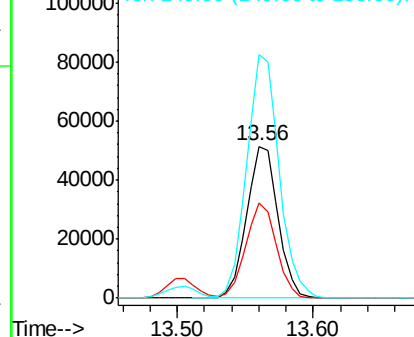
Lab File: VW007039.D

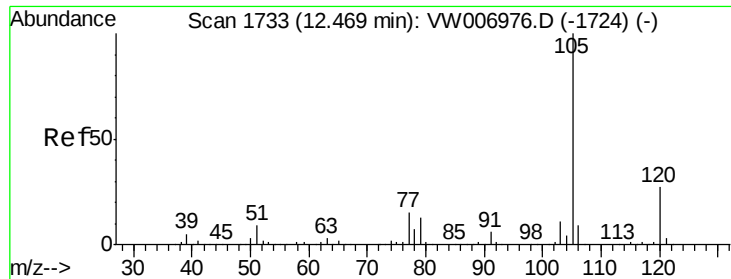
Acq: 26 Nov 2018 11:45

Tgt Ion:	152	Resp:	82603
Ion Ratio	Lower	Upper	
152	100		
115	61.3	31.4	94.2
150	166.7	0.0	353.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.08 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

Tgt Ion: 105 Resp: 141736

Ion Ratio Lower Upper

105 100

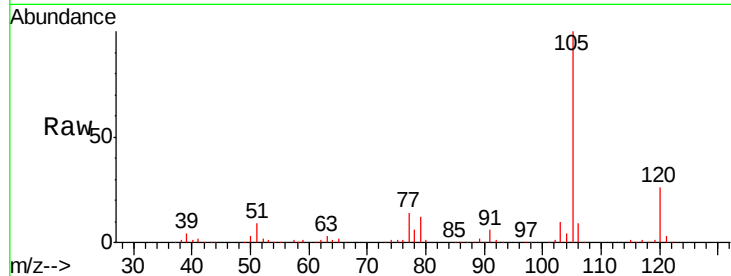
120 26.1 13.3 39.8

Manual Integrations

APPROVED

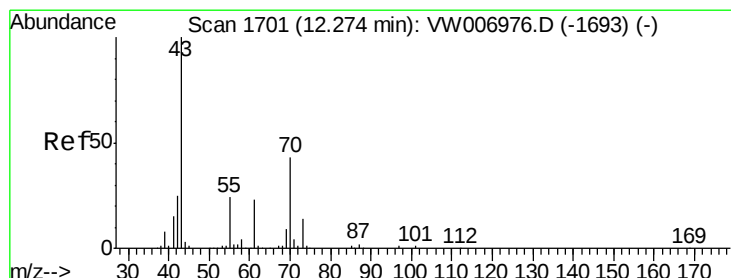
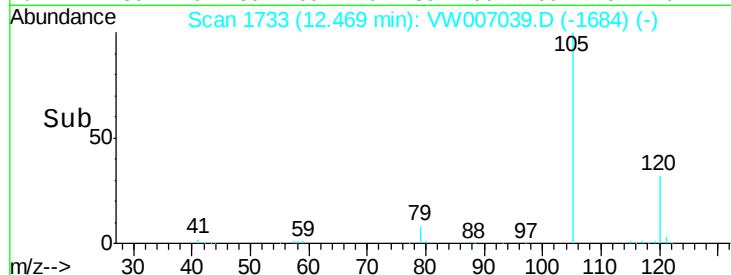
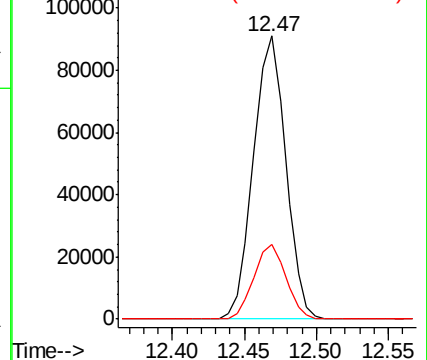
apatel

11/27/2018 12:26:59 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.56 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Tgt Ion: 43 Resp: 22125

Ion Ratio Lower Upper

43 100

70 43.8 34.0 51.0

55 26.1 19.4 29.0

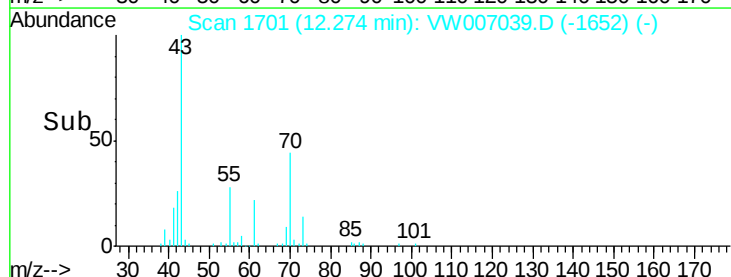
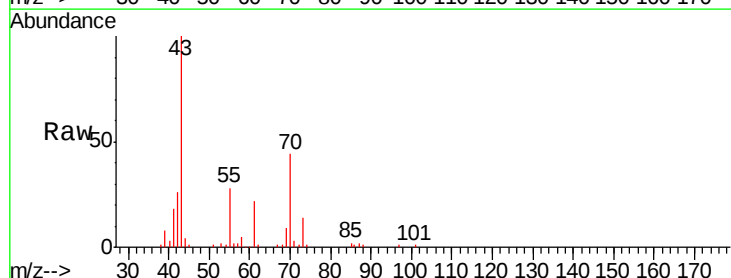
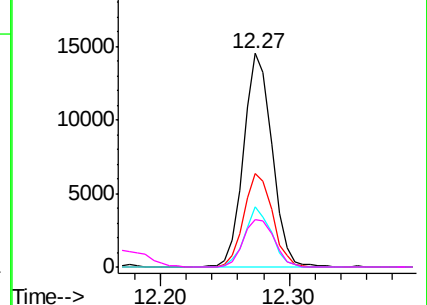
61 24.0 19.4 29.2

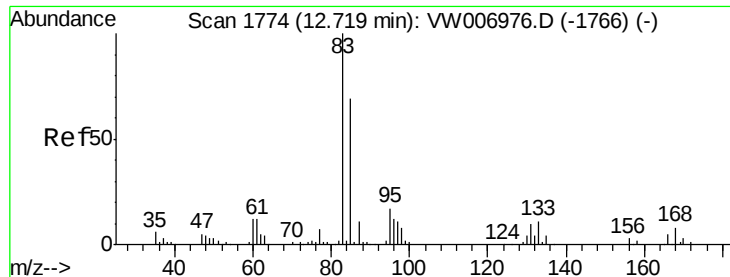
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.60 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

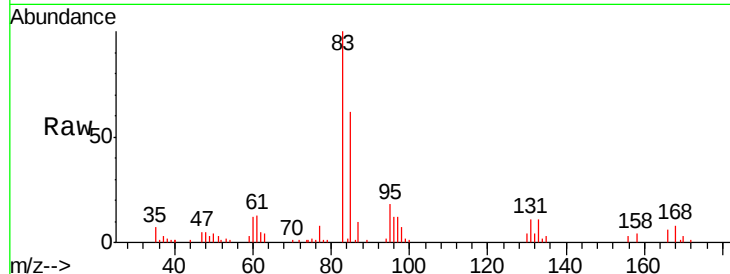
ClientSampleId :

VW1126SBS01

Tgt Ion:	83	Resp:	16742
Ion	Ratio	Lower	Upper
83	100		
131	12.6	5.7	17.1
85	64.6	33.1	99.2

Manual Integrations
APPROVED

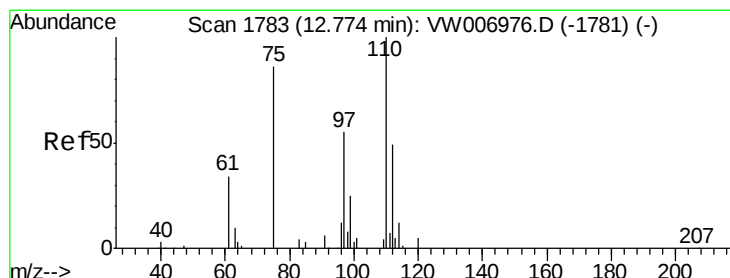
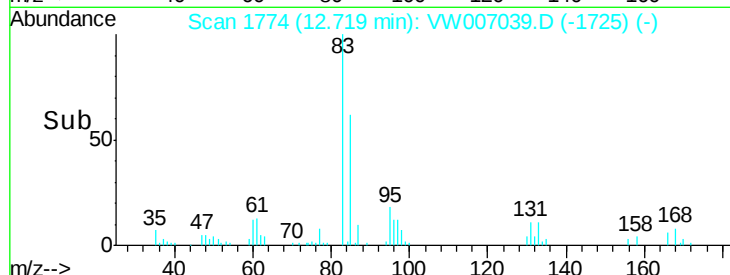
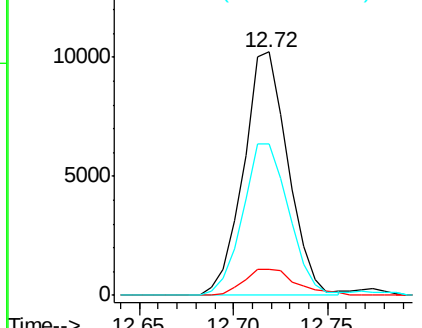
apatel
11/27/2018 12:26:59 PM



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 20.97 ug/l m

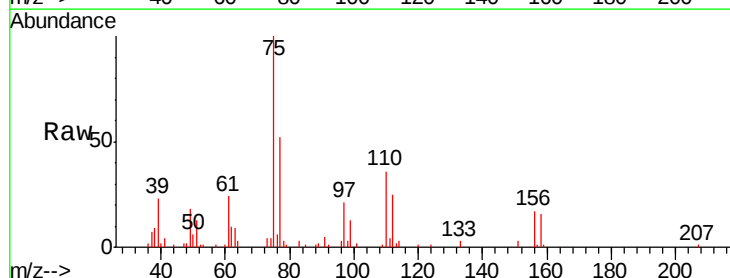
RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007039.D

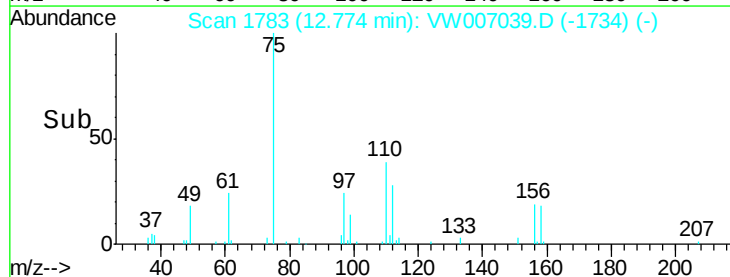
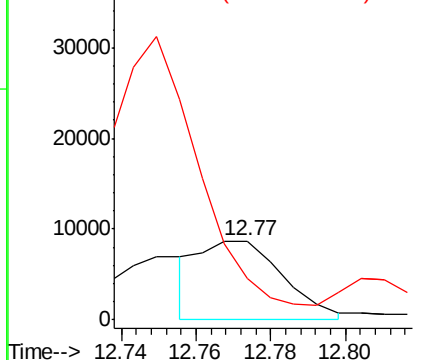
Acq: 26 Nov 2018 11:45

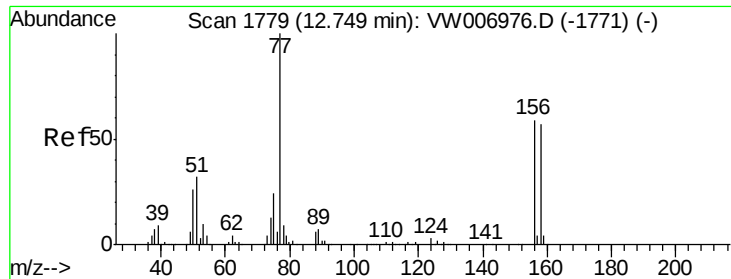
Tgt Ion:	75	Resp:	13610
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





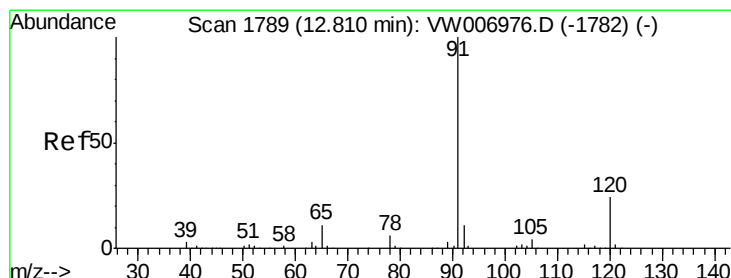
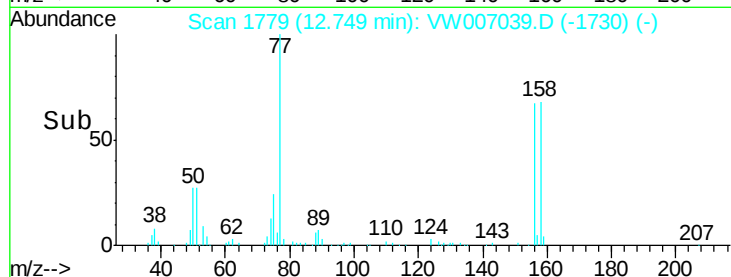
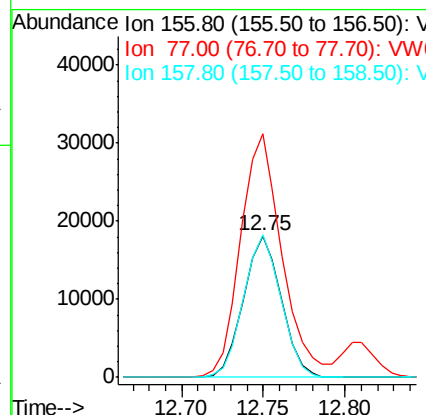
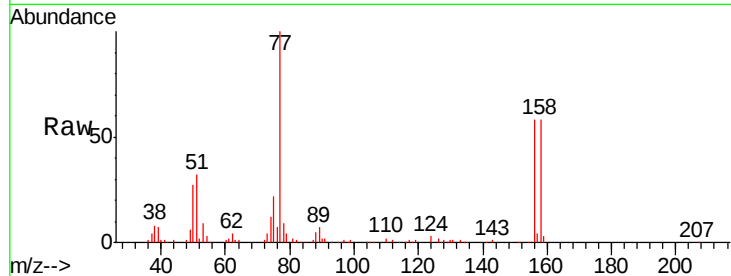
#77
Bromobenzene
Concen: 21.18 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	189.5	94.6	283.8
158	99.6	48.9	146.7

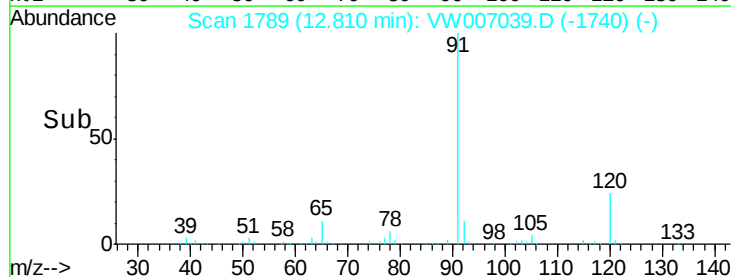
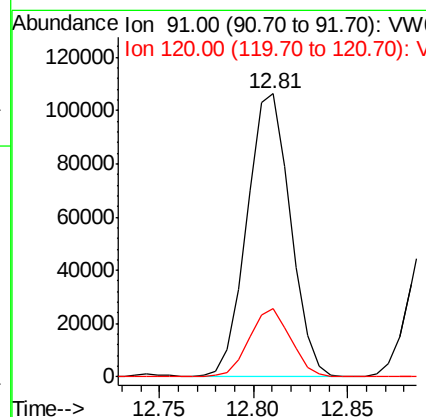
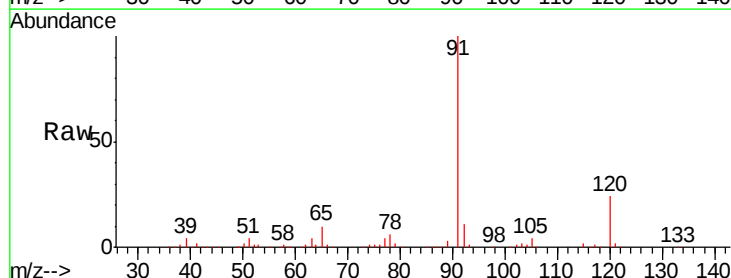
Manual Integrations
APPROVED

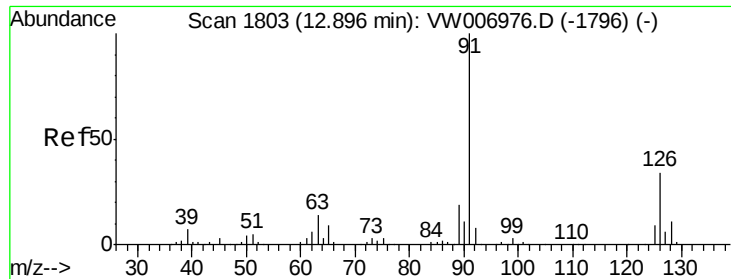
apatel
11/27/2018 12:26:59 PM



#78
n-propylbenzene
Concen: 21.82 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.1





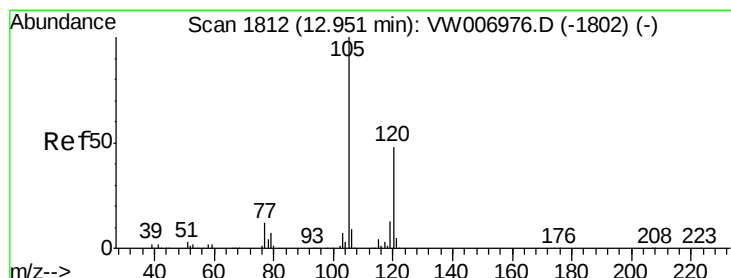
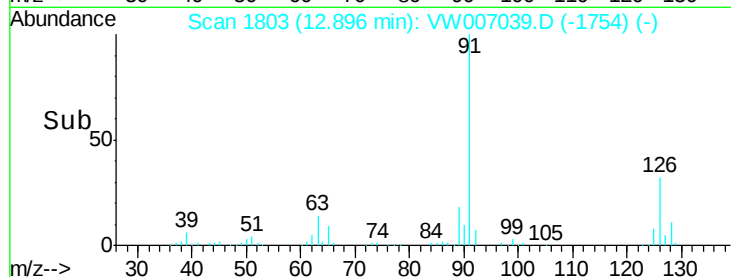
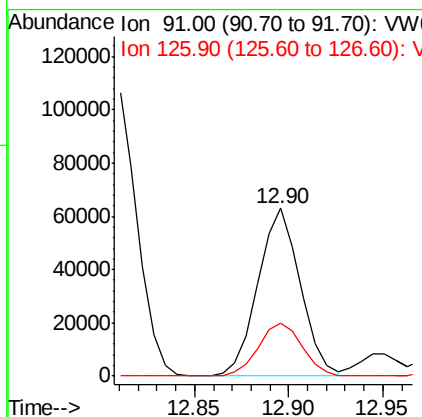
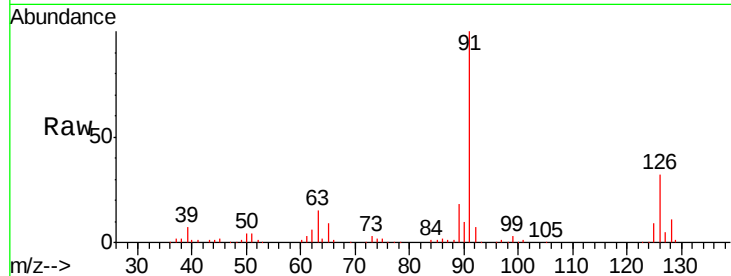
#79
 2-Chlorotoluene
 Concen: 21.86 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Tgt Ion: 91 Resp: 98025
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.7 50.0

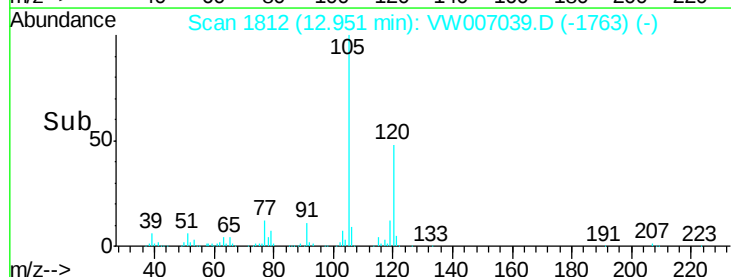
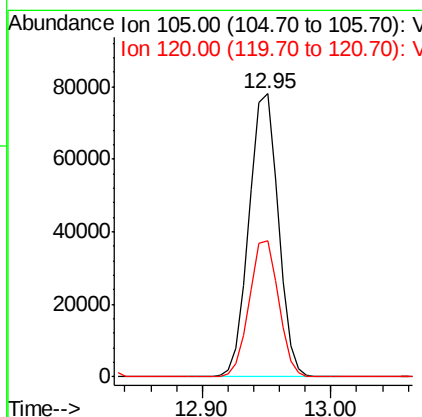
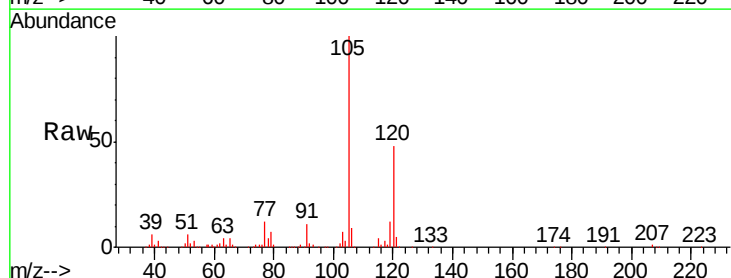
Manual Integrations
 APPROVED

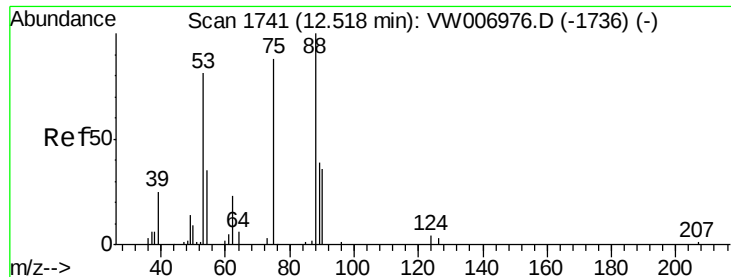
apatel
 11/27/2018 12:26:59 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 22.01 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion: 105 Resp: 122206
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.2





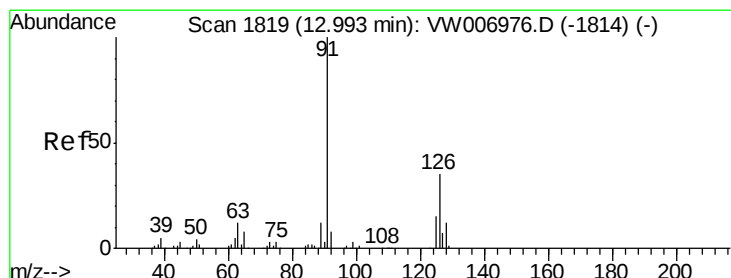
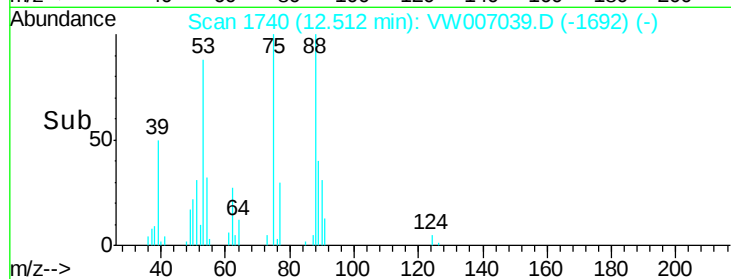
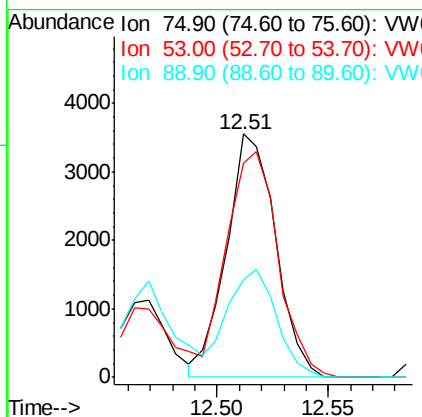
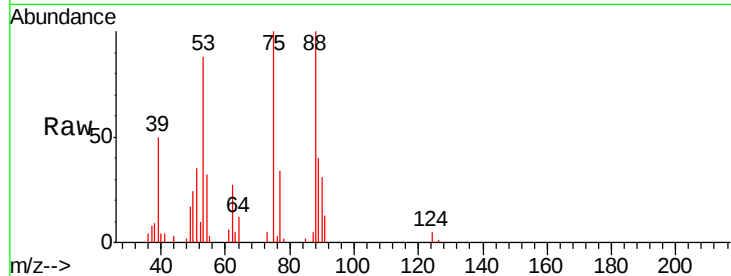
#81
trans-1,4-Dichloro-2-butene
Concen: 21.12 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.5	77.6	116.4
89	44.6	39.3	58.9

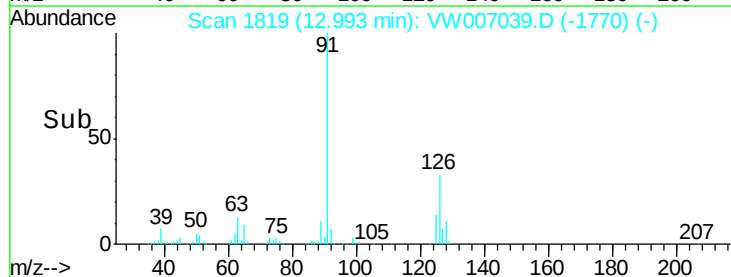
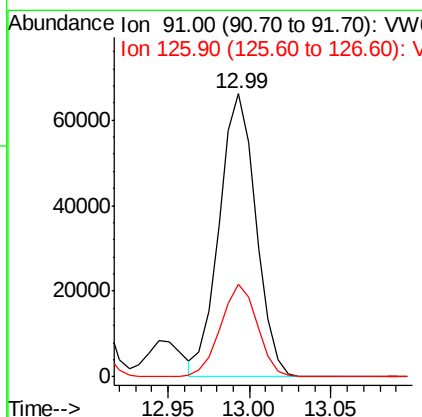
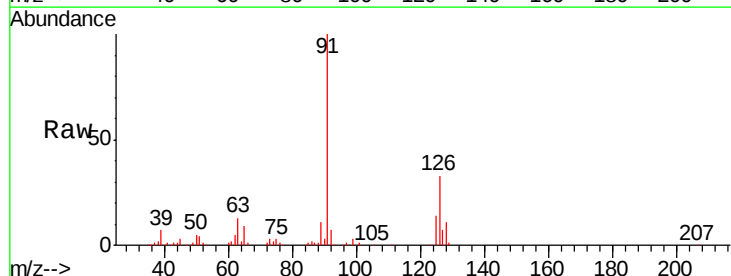
Manual Integrations
APPROVED

apatel
11/27/2018 12:26:59 PM



#82
4-Chlorotoluene
Concen: 22.04 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.6	49.7





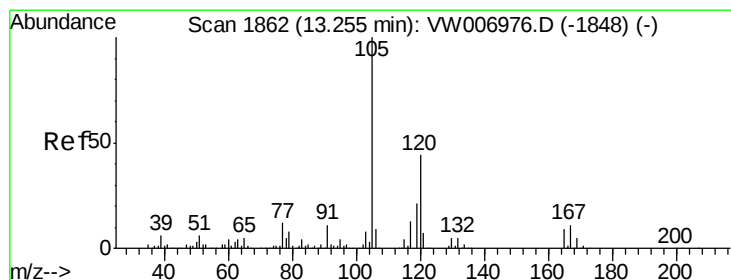
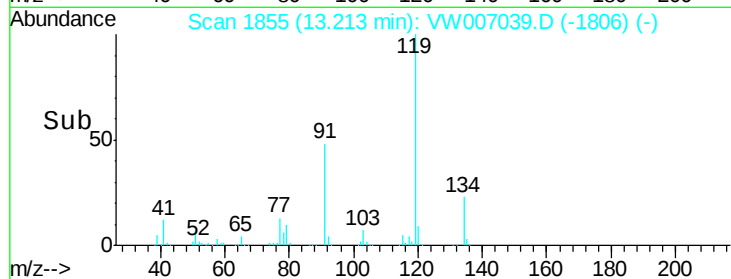
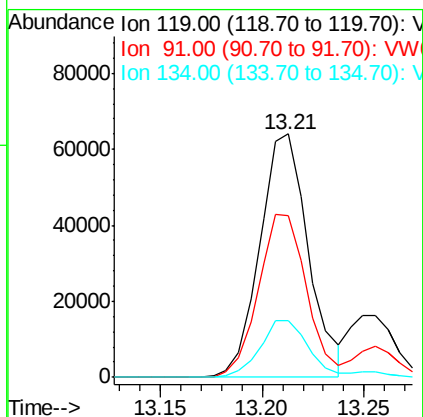
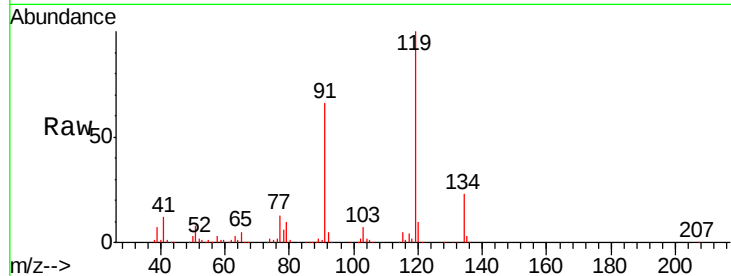
#83
tert-Butylbenzene
Concen: 22.09 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.2	33.5	100.5
134	23.5	12.6	37.8

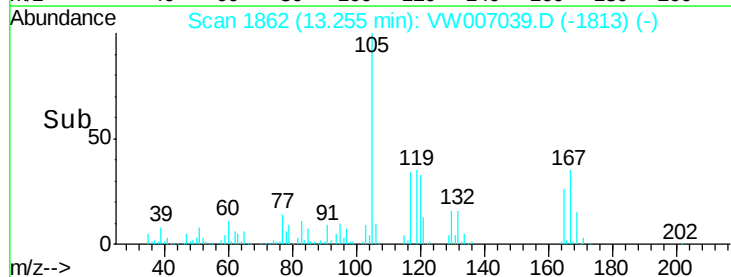
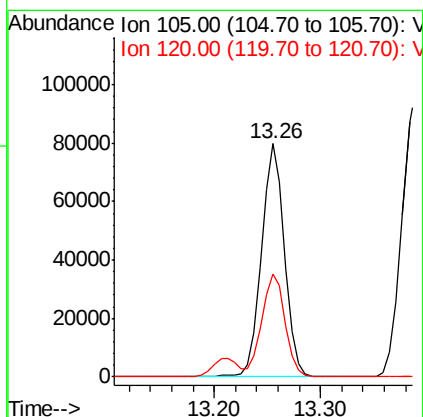
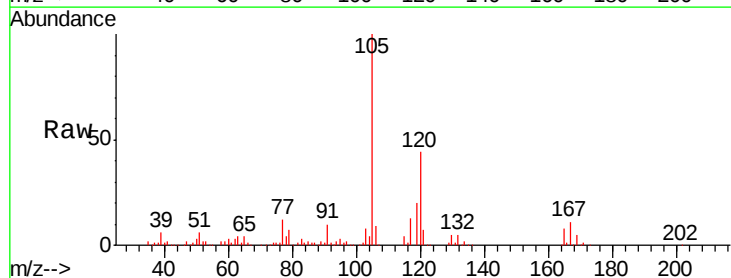
Manual Integrations
APPROVED

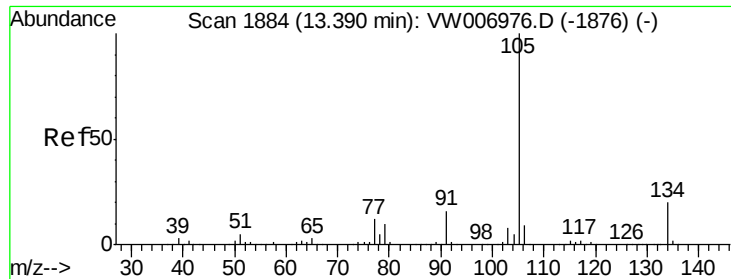
apatel
11/27/2018 12:26:59 PM



#84
1,2,4-Trimethylbenzene
Concen: 21.76 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	21.8	65.3





#85

sec-Butylbenzene

Concen: 22.31 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

Tgt Ion:105 Resp: 151482

Ion Ratio Lower Upper

105 100

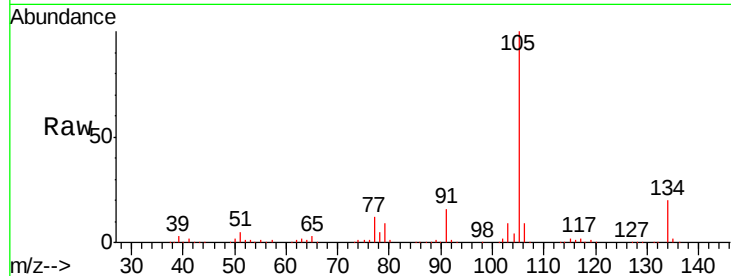
134 19.4 9.8 29.3

Manual Integrations

APPROVED

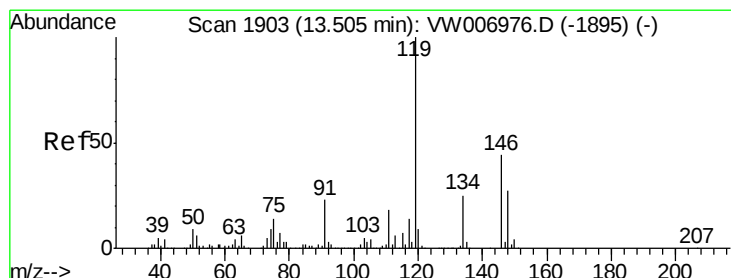
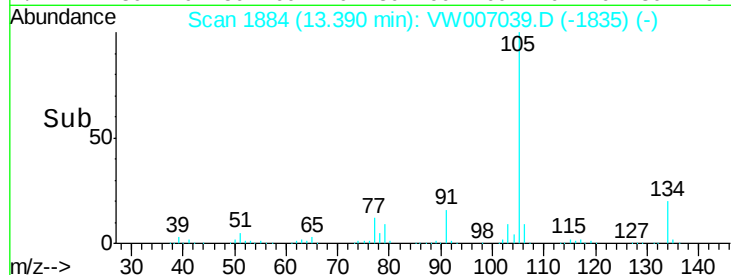
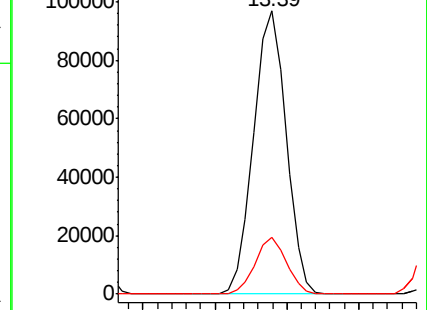
apatel

11/27/2018 12:26:59 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.10 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

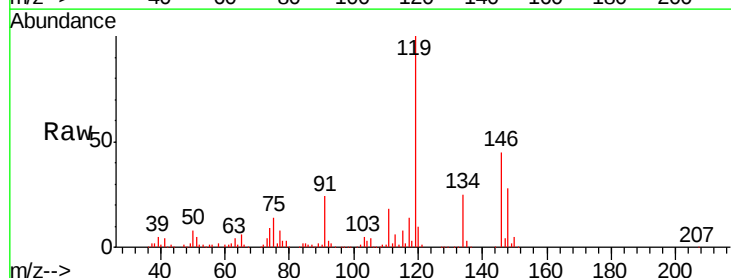
Tgt Ion:119 Resp: 132406

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.3

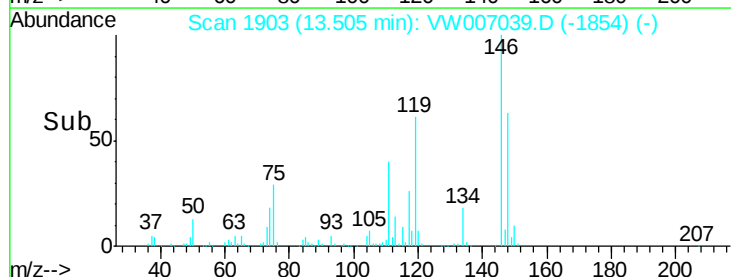
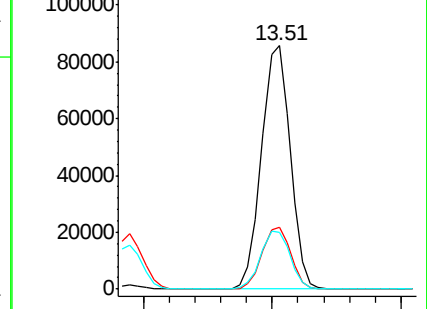
91 24.4 12.2 36.6

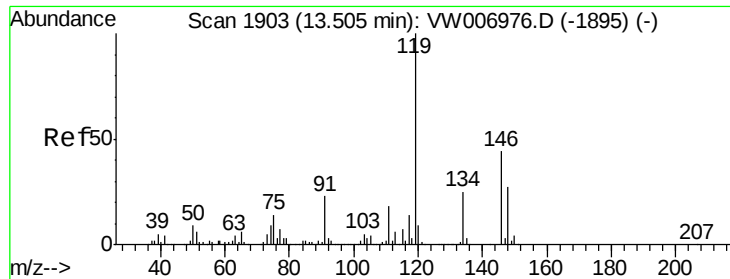


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





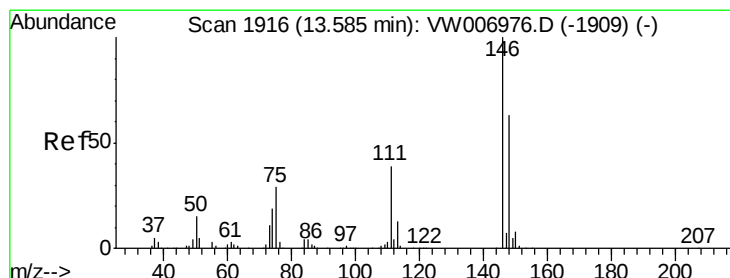
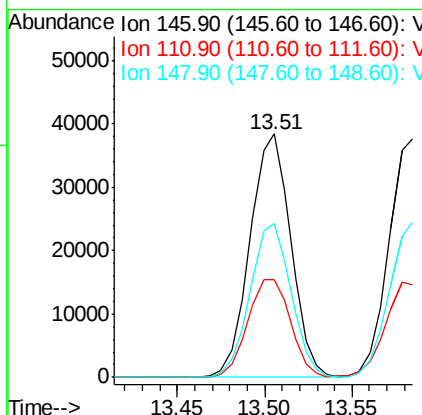
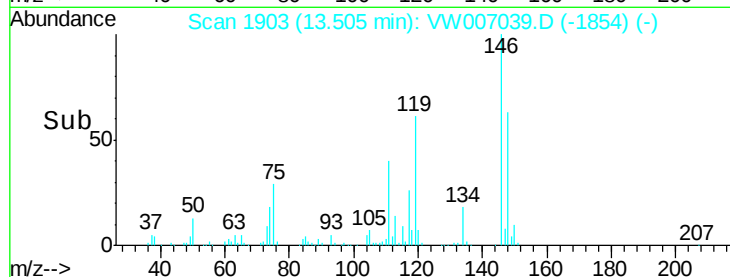
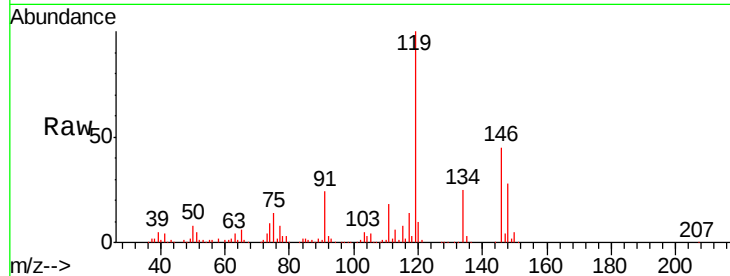
#87
 1,3-Dichlorobenzene
 Concen: 22.14 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Tgt Ion:146 Resp: 62316
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 63.6 31.6 94.8

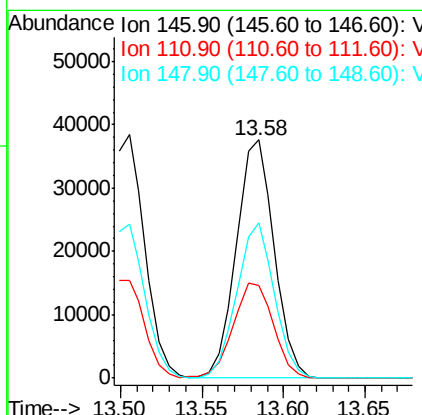
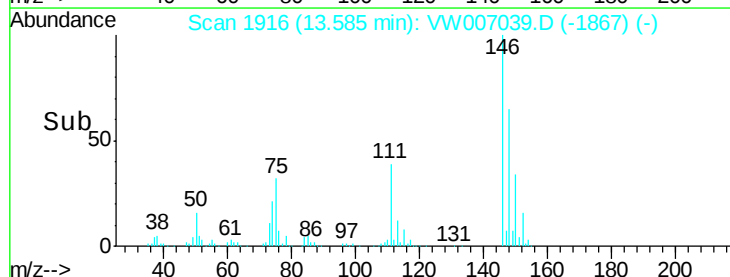
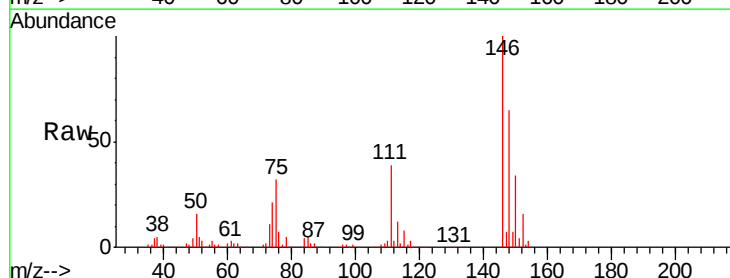
Manual Integrations
 APPROVED

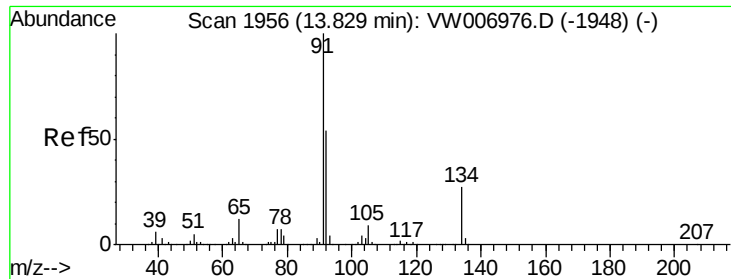
apatel
 11/27/2018 12:26:59 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.62 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion:146 Resp: 60676
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.6 61.8
 148 64.7 32.3 96.8





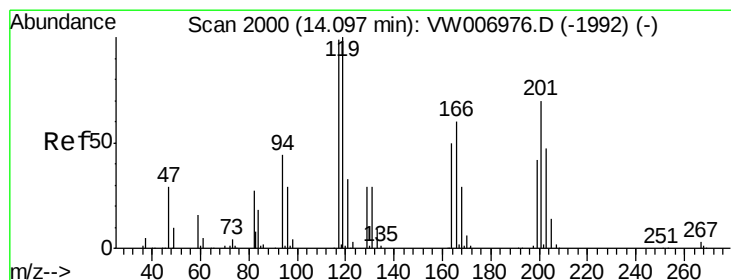
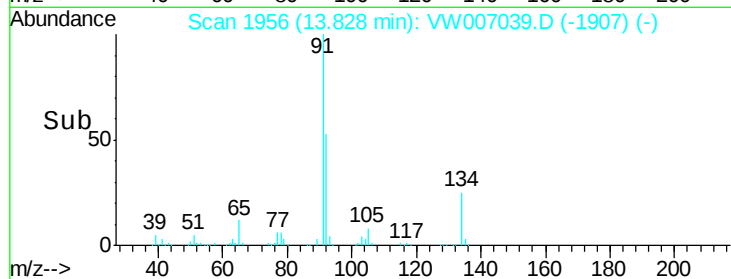
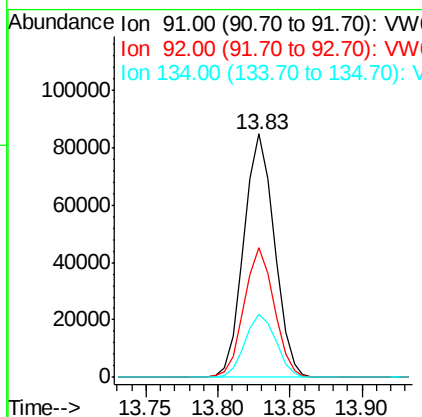
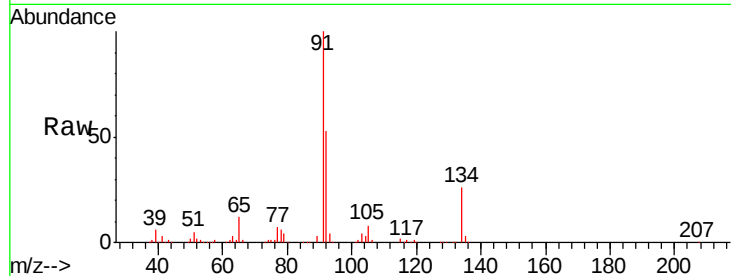
#89
n-Butylbenzene
Concen: 22.17 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.8	80.4
134	26.0	13.3	39.8

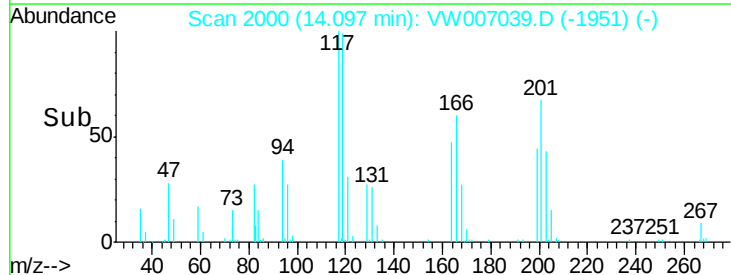
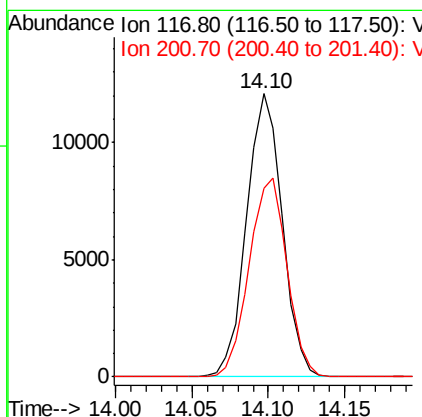
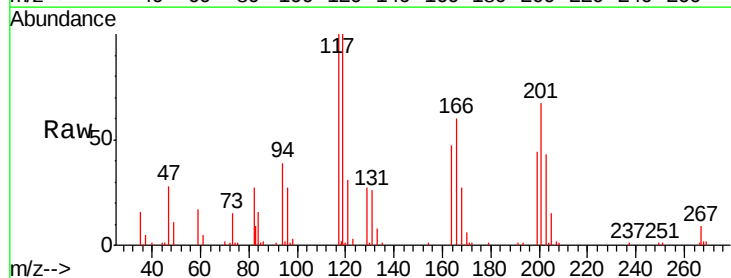
Manual Integrations
APPROVED

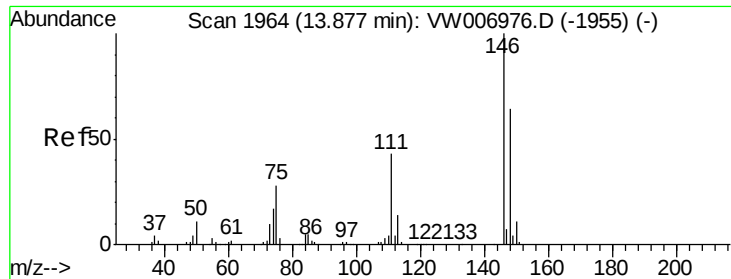
apatel
11/27/2018 12:26:59 PM



#90
Hexachloroethane
Concen: 22.39 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.7	35.9	107.5





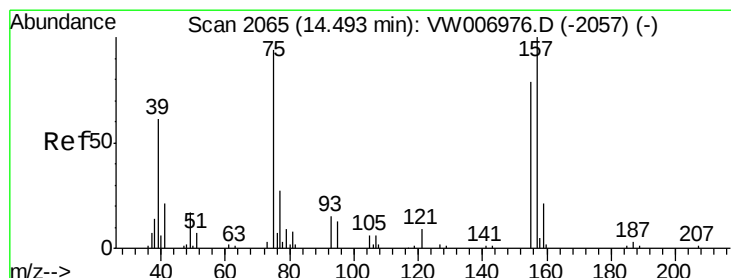
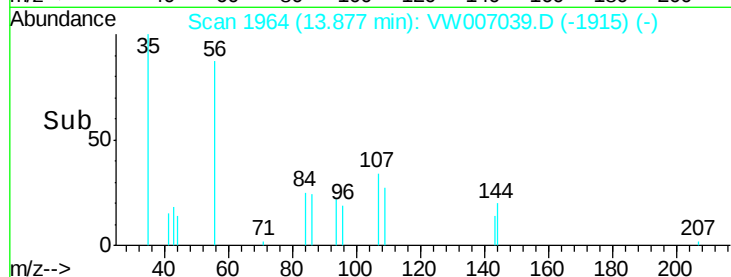
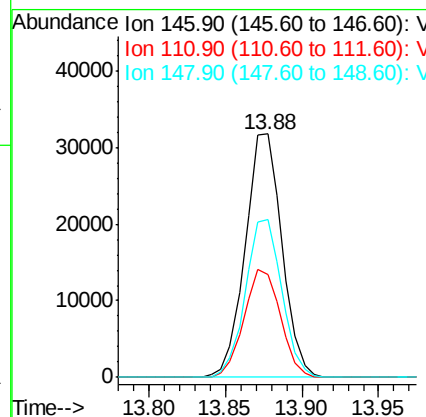
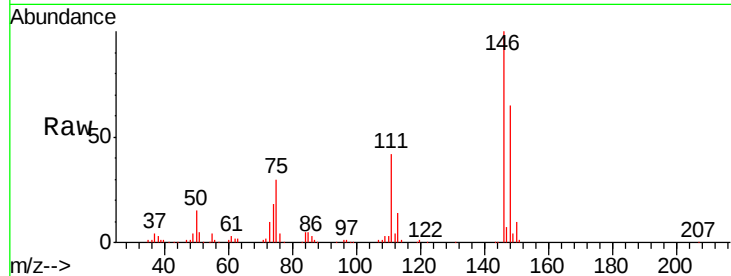
#91
 1,2-Dichlorobenzene
 Concen: 21.52 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.9	65.7
148	63.9	32.2	96.6

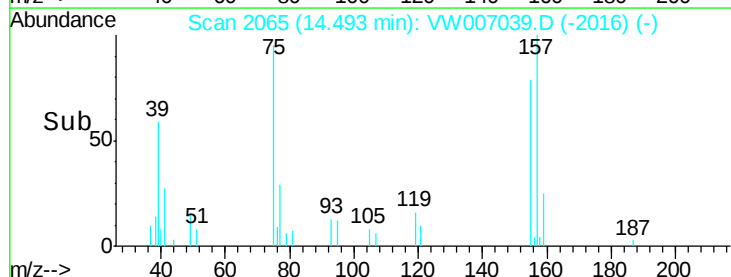
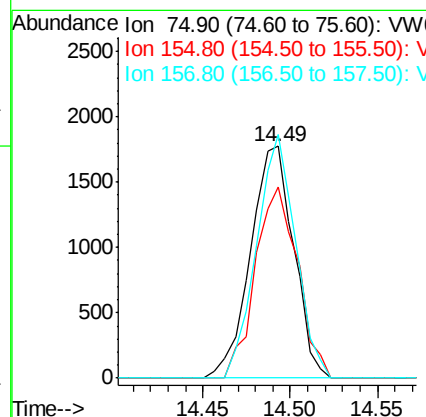
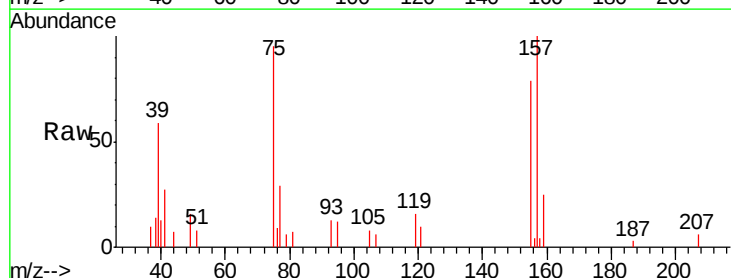
Manual Integrations
 APPROVED

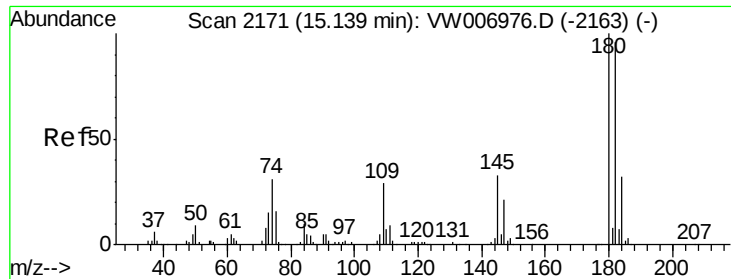
apatel
 11/27/2018 12:26:59 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.09 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	42.6	127.8
157	94.9	55.0	165.0





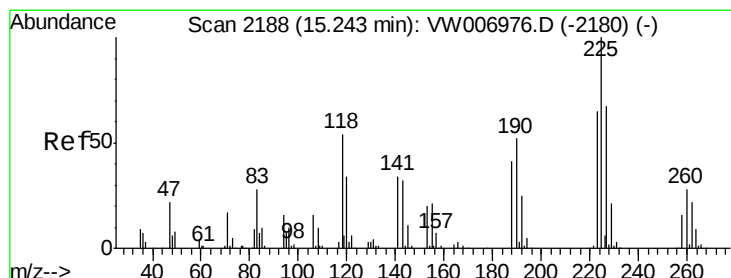
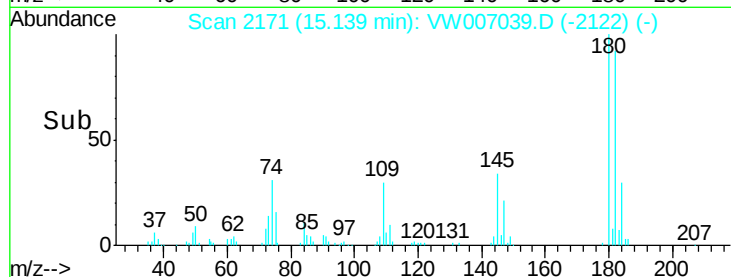
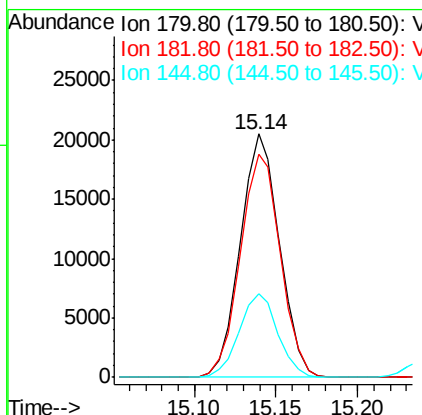
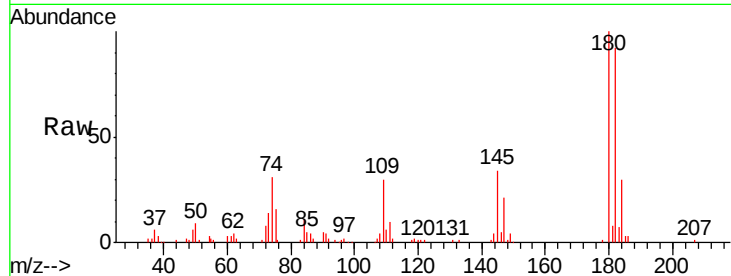
#93
1,2,4-Trichlorobenzene
Concen: 20.93 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.1	141.3
145	34.2	16.5	49.5

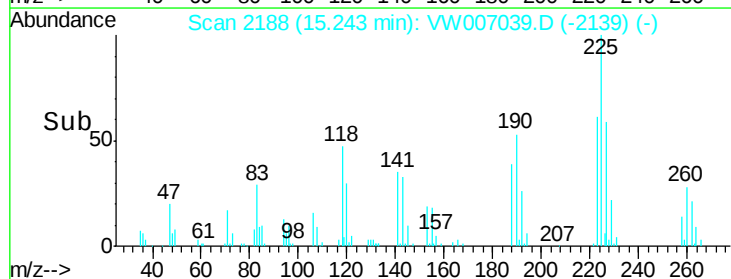
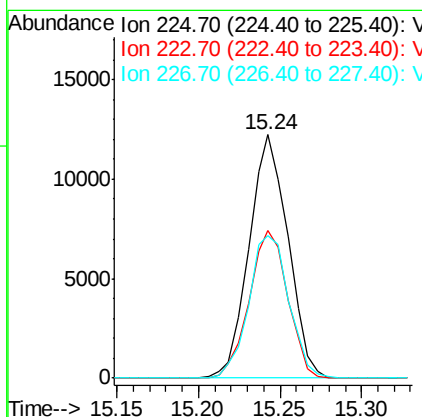
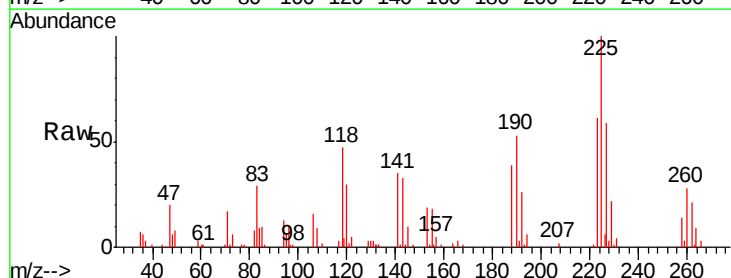
Manual Integrations
APPROVED

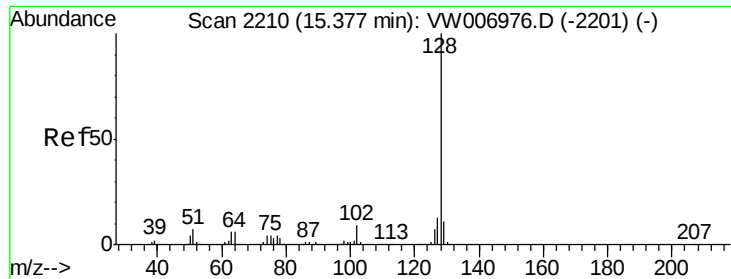
apatel
11/27/2018 12:26:59 PM



#94
Hexachlorobutadiene
Concen: 22.90 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	32.4	97.0
227	60.9	31.9	95.5





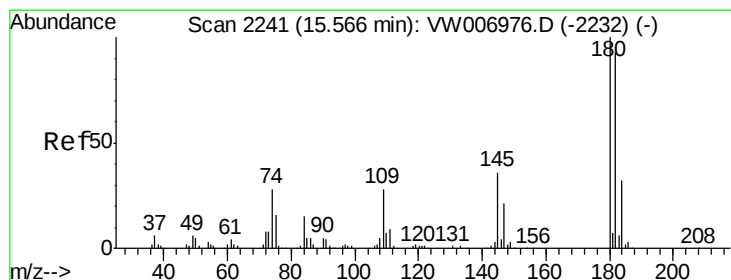
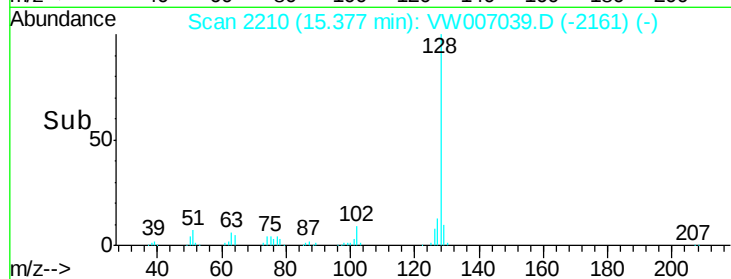
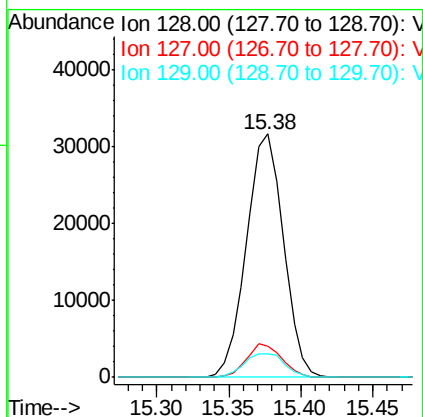
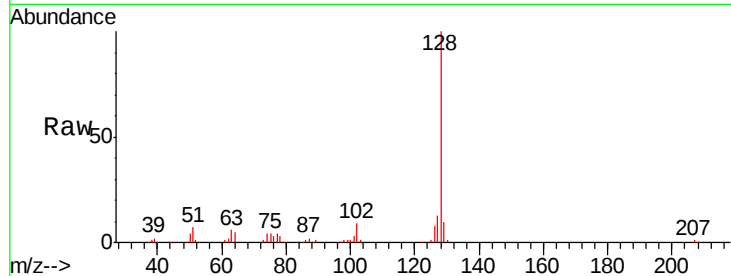
#95
Naphthalene
Concen: 19.10 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
11/27/2018 12:26:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.36 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.0	141.2
145	36.2	18.0	54.0

