

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000896.D
 Acq On : 06 Dec 2019 13:12
 Operator : SY/MD
 Sample : VY1206SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Manual Integrations
 APPROVED

apatel
 12/9/2019 11:24:11 AM

Quant Time: Dec 09 03:48:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	332544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	585676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	519241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	244215	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	175102	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	7.72	113	171377	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	10.17	98	717066	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.48	95	244520	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	69136	19.313	ug/l	99
3) Chloromethane	2.11	50	85740	19.431	ug/l	98
4) Vinyl Chloride	2.25	62	86296	19.843	ug/l	97
5) Bromomethane	2.65	94	41999	14.613	ug/l	94
6) Chloroethane	2.79	64	46243	17.343	ug/l	96
7) Trichlorofluoromethane	3.12	101	125413	21.043	ug/l	92
8) Diethyl Ether	3.54	74	46481	20.721	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.89	101	79479	21.595	ug/l	98
10) Methyl Iodide	4.10	142	96832	20.896	ug/l	99
11) Tert butyl alcohol	5.00	59	30055m	84.542	ug/l	
12) 1,1-Dichloroethene	3.87	96	78109	21.422	ug/l	92
13) Acrolein	3.74	56	34941	99.776	ug/l	100
14) Allyl chloride	4.48	41	129792	20.760	ug/l	98
15) Acrylonitrile	5.18	53	112411	97.047	ug/l	98
16) Acetone	3.97	43	76341	94.179	ug/l	99
17) Carbon Disulfide	4.19	76	240445	20.389	ug/l	96
18) Methyl Acetate	4.49	43	61991	18.290	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	201079	20.650	ug/l	98
20) Methylene Chloride	4.72	84	102252	23.931	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	87648	21.149	ug/l	95
22) Diisopropyl ether	6.13	45	264118	20.554	ug/l	99
23) Vinyl Acetate	6.07	43	812453	104.004	ug/l	99
24) 1,1-Dichloroethane	6.02	63	148387	20.952	ug/l	98
25) 2-Butanone	7.00	43	139541	93.190	ug/l	98
26) 2,2-Dichloropropane	6.98	77	123711	20.754	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	94227	21.034	ug/l	98
28) Bromochloromethane	7.34	49	33194	14.283	ug/l	95
29) Tetrahydrofuran	7.36	42	94173	94.909	ug/l	99
30) Chloroform	7.51	83	139705	19.664	ug/l	92
31) Cyclohexane	7.78	56	157488	20.991	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	122753	20.924	ug/l	99
36) 1,1-Dichloropropene	7.93	75	122724	21.074	ug/l	98
37) Ethyl Acetate	7.08	43	64624	19.219	ug/l	98
38) Carbon Tetrachloride	7.90	117	105072	20.260	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000896.D
 Acq On : 06 Dec 2019 13:12
 Operator : SY/MD
 Sample : VY1206SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Manual Integrations
 APPROVED

apatel
 12/9/2019 11:24:11 AM

Quant Time: Dec 09 03:48:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	155773	20.190	ug/l	96
40) Benzene	8.16	78	357580	21.081	ug/l	99
41) Methacrylonitrile	7.32	41	35966	20.294	ug/l #	47
42) 1,2-Dichloroethane	8.24	62	89449	20.052	ug/l	100
43) Isopropyl Acetate	8.28	43	120910	19.081	ug/l	99
44) Trichloroethene	8.94	130	92149	21.138	ug/l	89
45) 1,2-Dichloropropane	9.22	63	88296	20.723	ug/l	98
46) Dibromomethane	9.31	93	45993	20.660	ug/l	98
47) Bromodichloromethane	9.50	83	105573	20.187	ug/l	98
48) Methyl methacrylate	9.30	41	53382	19.158	ug/l	95
49) 1,4-Dioxane	9.33	88	11727	371.776	ug/l #	73
51) 4-Methyl-2-Pentanone	10.07	43	317417	96.952	ug/l	100
52) Toluene	10.24	92	225147	21.438	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	115320	20.525	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	139084	20.943	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	68830	20.927	ug/l	99
56) Ethyl methacrylate	10.51	69	96197	20.445	ug/l	99
57) 1,3-Dichloropropane	10.79	76	118583	20.686	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	194255	102.394	ug/l	100
59) 2-Hexanone	10.83	43	216333	90.681	ug/l	99
60) Dibromochloromethane	10.98	129	71291	20.135	ug/l	98
61) 1,2-Dibromoethane	11.09	107	63086	20.352	ug/l	100
64) Tetrachloroethene	10.72	164	98420	21.816	ug/l	93
65) Chlorobenzene	11.51	112	227201	21.050	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	76019	20.900	ug/l	98
67) Ethyl Benzene	11.59	91	422872	21.037	ug/l	100
68) m/p-Xylenes	11.70	106	316373	41.932	ug/l	100
69) o-Xylene	12.02	106	148612	21.125	ug/l	99
70) Styrene	12.04	104	249518	20.714	ug/l	99
71) Bromoform	12.20	173	40779	19.878	ug/l #	99
73) Isopropylbenzene	12.33	105	396735	20.403	ug/l	100
74) N-amyl acetate	12.14	43	104615	19.329	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	74172	19.359	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	51603m	18.650	ug/l	
77) Bromobenzene	12.61	156	86973	20.634	ug/l	99
78) n-propylbenzene	12.67	91	493502	20.786	ug/l	99
79) 2-Chlorotoluene	12.75	91	266296	20.302	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	331883	20.614	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26827	19.045	ug/l	97
82) 4-Chlorotoluene	12.85	91	282635	20.915	ug/l	97
83) tert-Butylbenzene	13.07	119	271339	20.046	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	330117	20.494	ug/l	99
85) sec-Butylbenzene	13.25	105	406232	20.636	ug/l	99
86) p-Isopropyltoluene	13.36	119	354467	20.702	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	172084	20.812	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	170965	20.882	ug/l	99
89) n-Butylbenzene	13.69	91	361466	20.880	ug/l	99
90) Hexachloroethane	13.95	117	65303	20.704	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	154135	20.724	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12853	20.038	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
Data File : VY000896.D
Acq On : 06 Dec 2019 13:12
Operator : SY/MD
Sample : VY1206SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

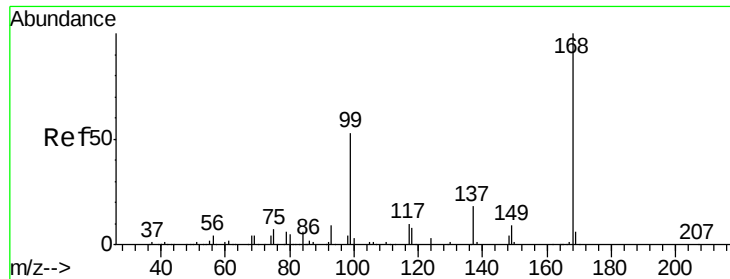
Manual Integrations
APPROVED

apatel
12/9/2019 11:24:11 AM

Quant Time: Dec 09 03:48:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	106982	21.257	ug/l	98
94) Hexachlorobutadiene	15.11	225	52252	20.941	ug/l	97
95) Naphthalene	15.23	128	244906	20.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	92762	20.635	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion:168 Resp: 332544

Ion Ratio Lower Upper

168 100

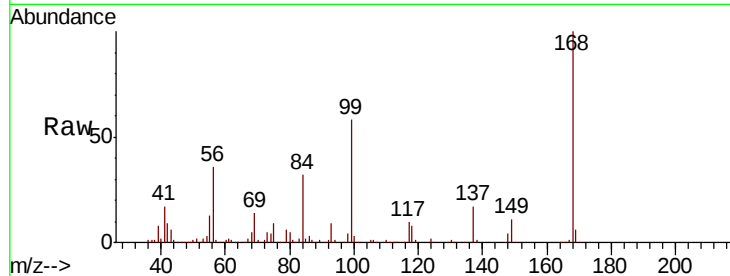
99 57.9 45.0 67.6

Manual Integrations

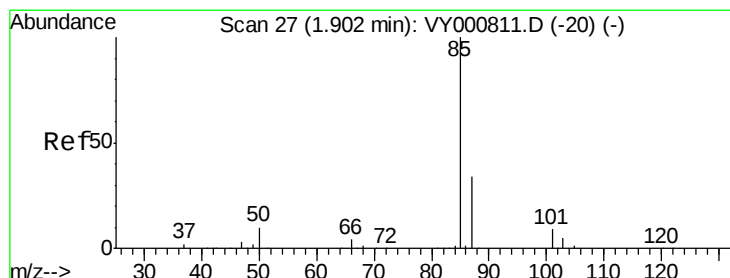
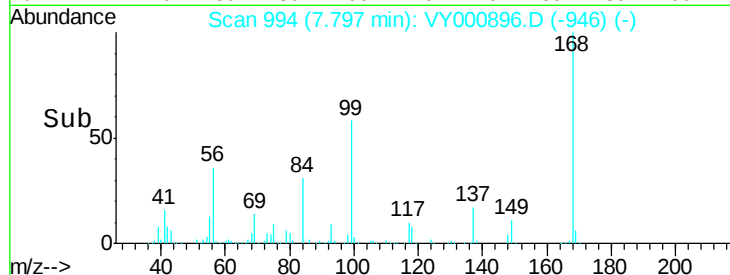
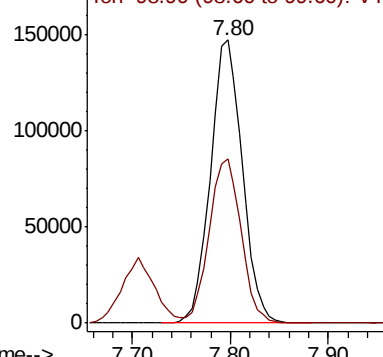
APPROVED

apatel

12/9/2019 11:24:11 AM



Abundance Ion 167.90 (167.60 to 168.60): VY000896.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 19.313 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000896.D

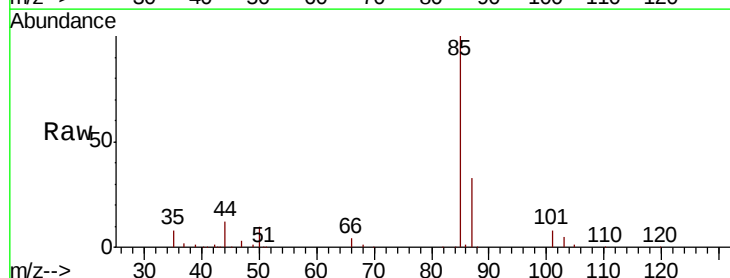
Acq: 06 Dec 2019 13:12

Tgt Ion: 85 Resp: 69136

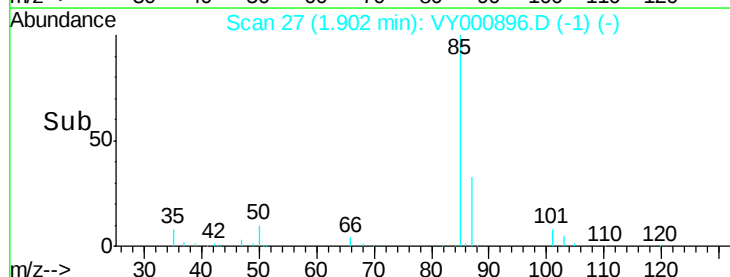
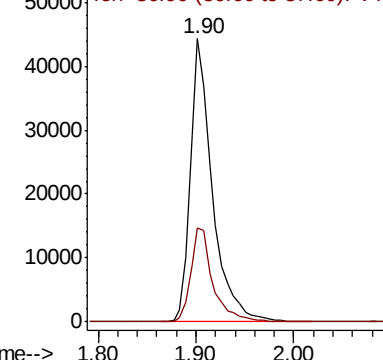
Ion Ratio Lower Upper

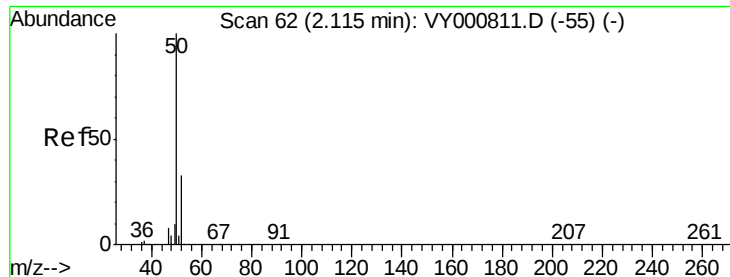
85 100

87 33.2 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000896.D (-1) (-)





#3

Chloromethane

Concen: 19.431 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 50 Resp: 85740

Ion Ratio Lower Upper

50 100

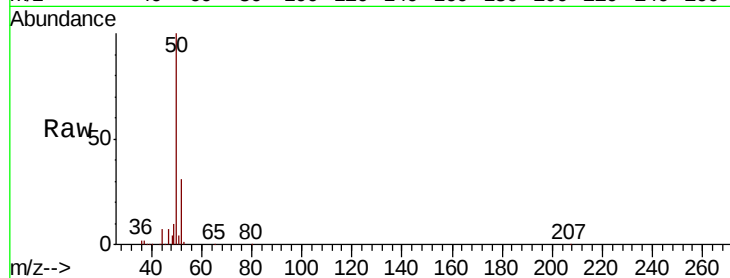
52 31.3 26.0 39.0

Manual Integrations

APPROVED

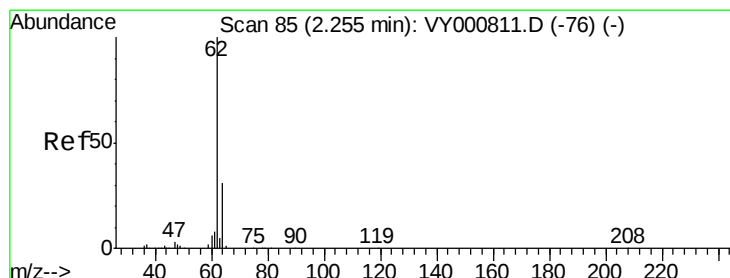
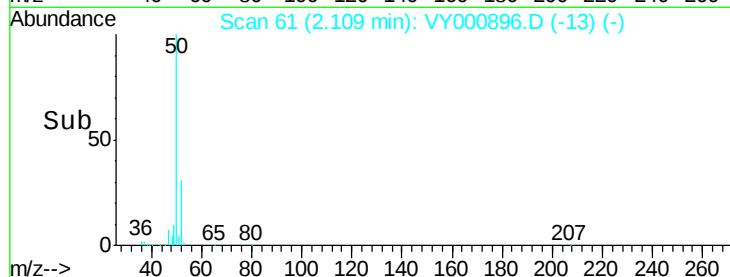
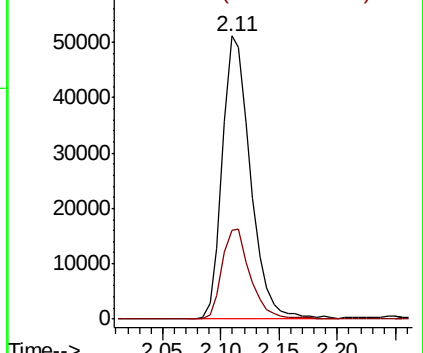
apatel

12/9/2019 11:24:11 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.843 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000896.D

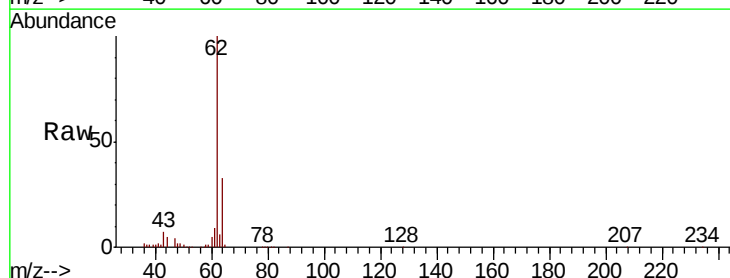
Acq: 06 Dec 2019 13:12

Tgt Ion: 62 Resp: 86296

Ion Ratio Lower Upper

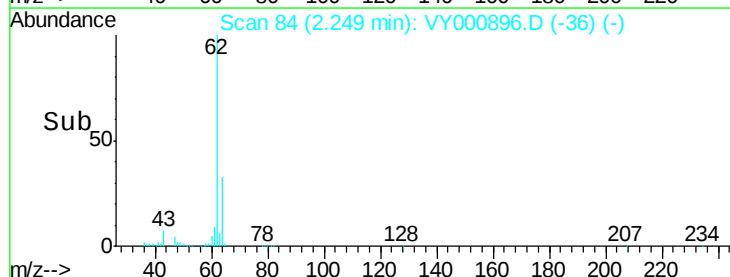
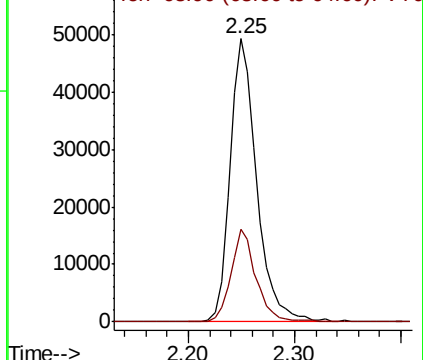
62 100

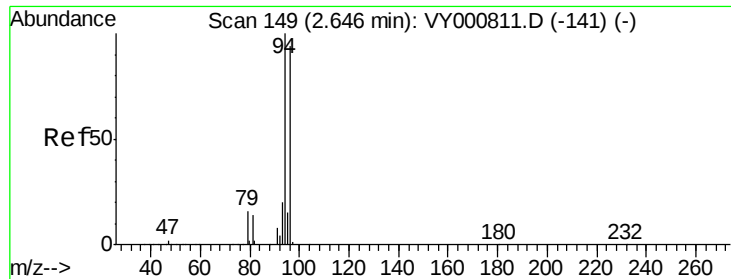
64 32.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 14.613 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 94 Resp: 41999

Ion Ratio Lower Upper

94 100

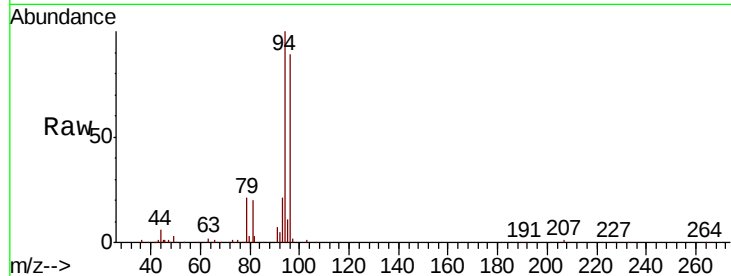
96 88.3 75.2 112.8

Manual Integrations

APPROVED

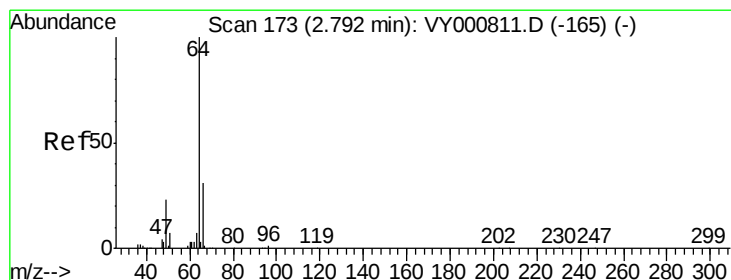
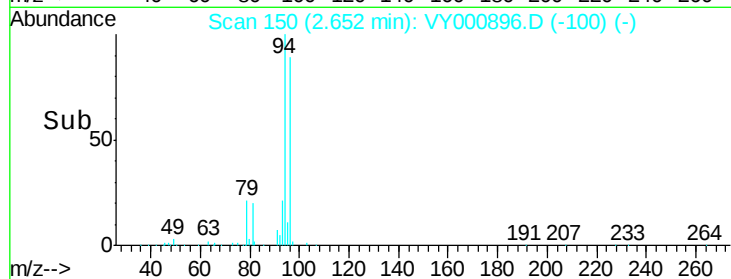
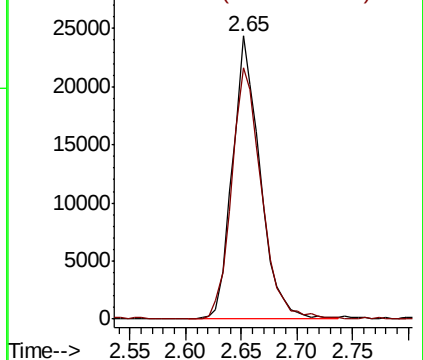
apatel

12/9/2019 11:24:11 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 17.343 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000896.D

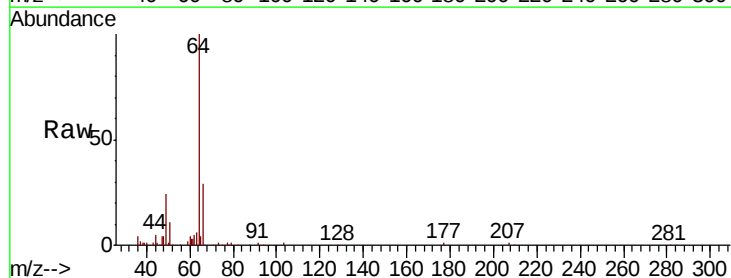
Acq: 06 Dec 2019 13:12

Tgt Ion: 64 Resp: 46243

Ion Ratio Lower Upper

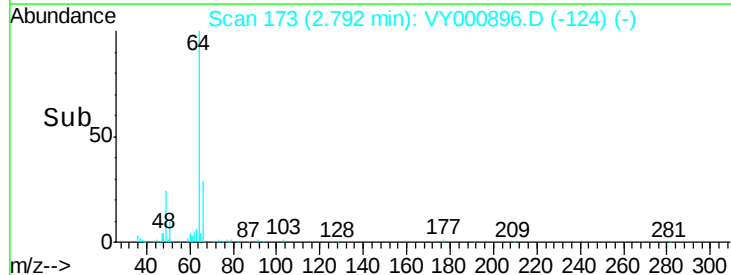
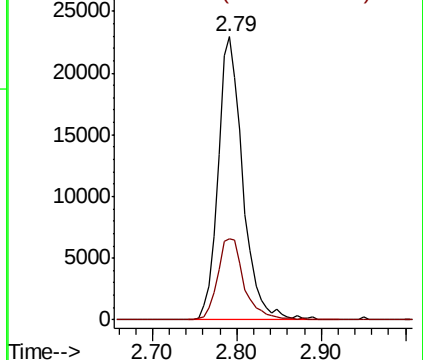
64 100

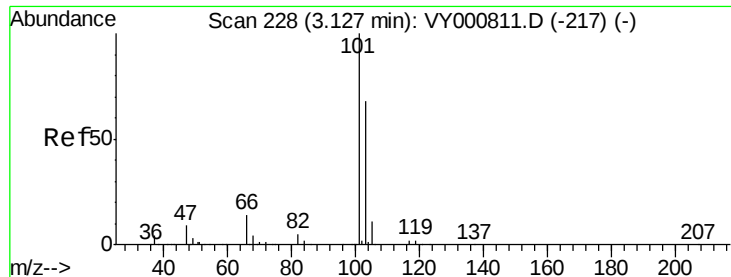
66 28.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

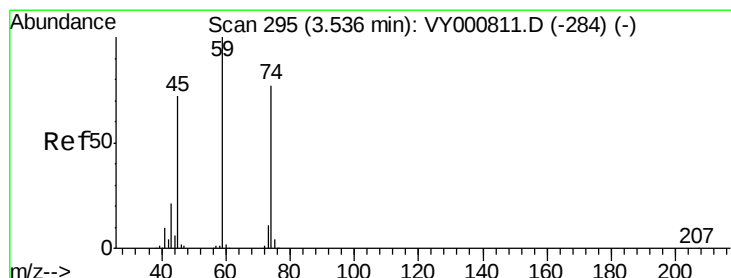
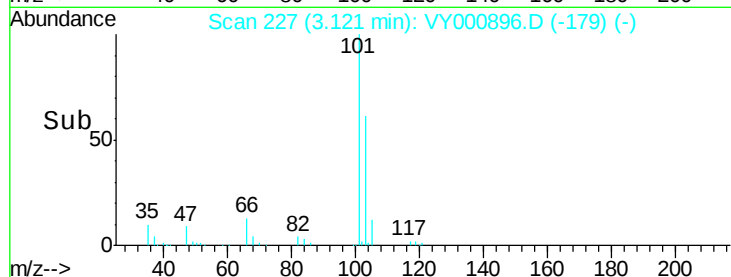
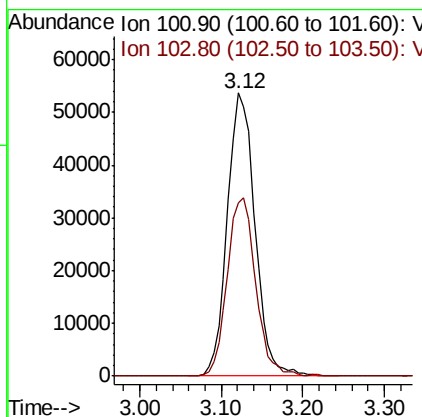
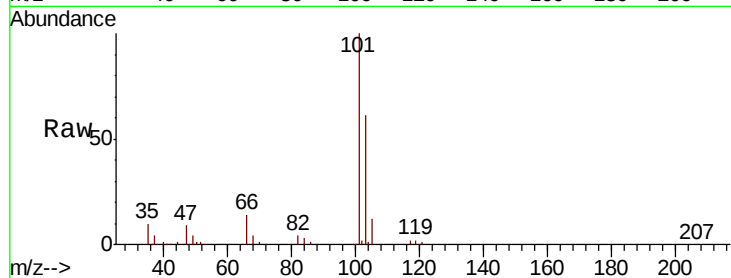
Trichlorofluoromethane
 Concen: 21.043 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	125413		
103	61.4	54.2	81.2	

Manual Integrations
 APPROVED

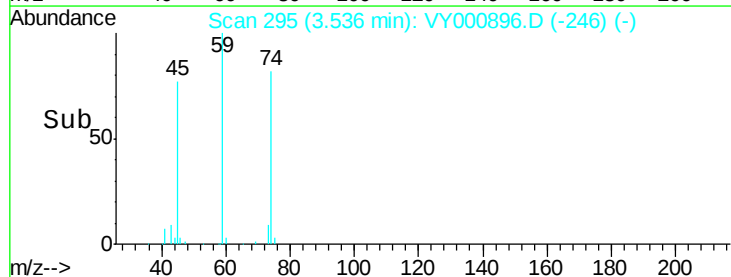
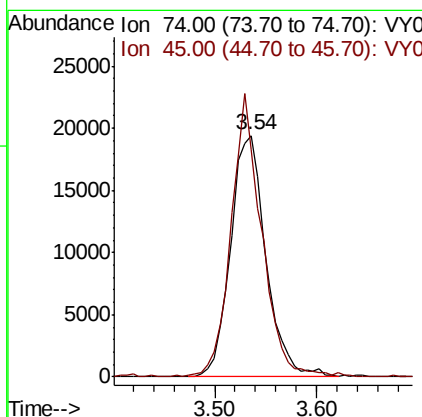
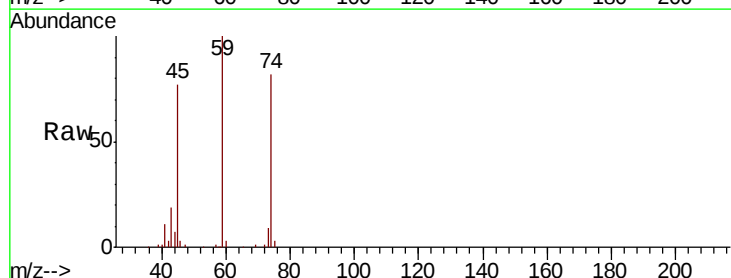
apatel
 12/9/2019 11:24:11 AM

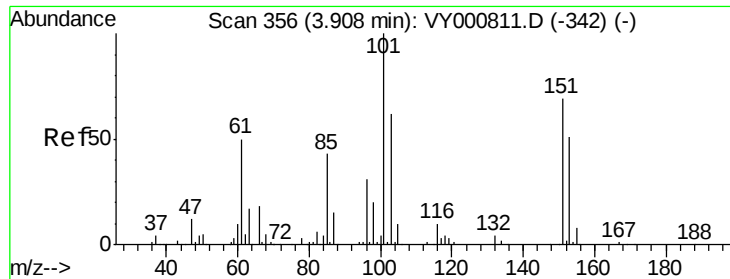


#8

Diethyl Ether
 Concen: 20.721 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	46481		
45	101.7	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.595 ug/l

RT: 3.89 min Scan# 353

Delta R.T. -0.02 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

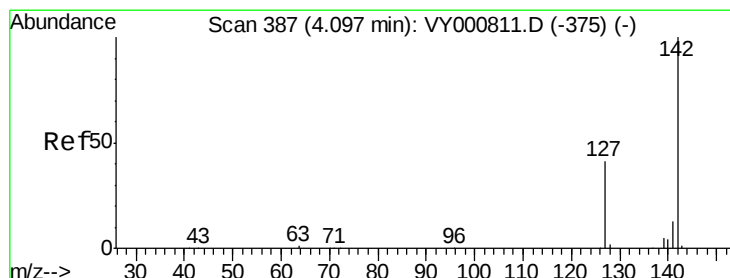
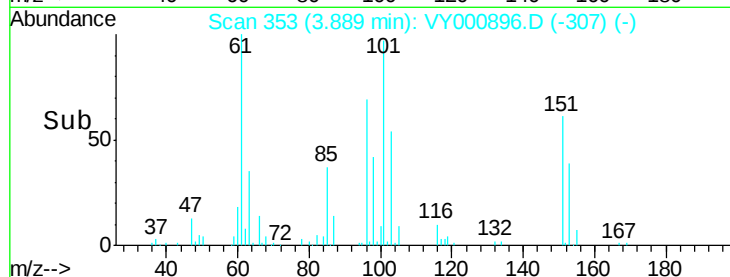
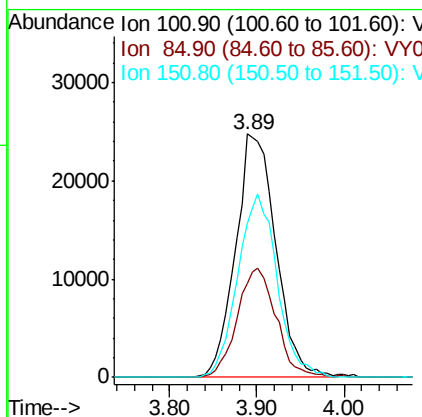
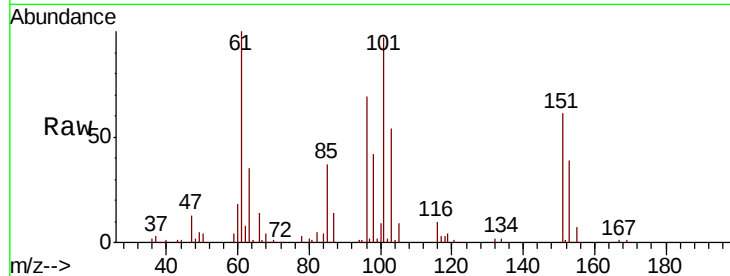
ClientSampleId :

VY1206SBS01

Tot Ion:	101	Resp:	79479
Ion Ratio	Lower	Upper	
101	100		
85	43.2	36.0	54.0
151	73.6	58.2	87.2

Manual Integrations
APPROVED

apatel
12/9/2019 11:24:11 AM



#10

Methyl Iodide

Concen: 20.896 ug/l

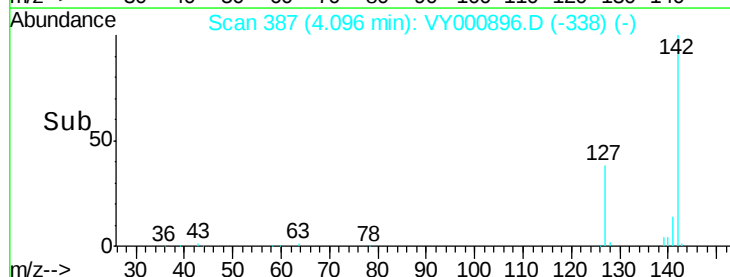
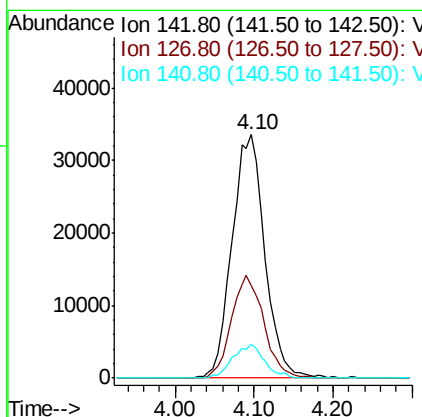
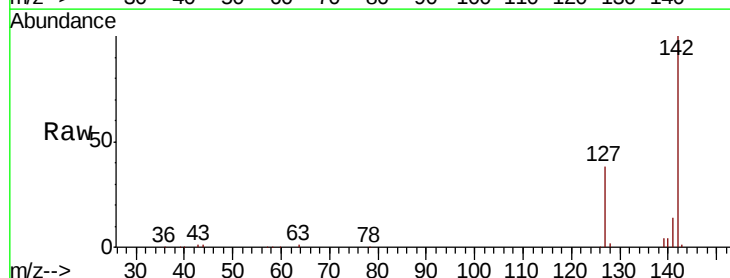
RT: 4.10 min Scan# 387

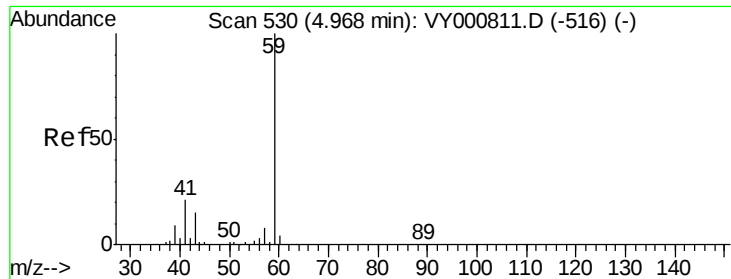
Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion:	142	Resp:	96832
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.8	50.8
141	13.5	10.9	16.3





#11

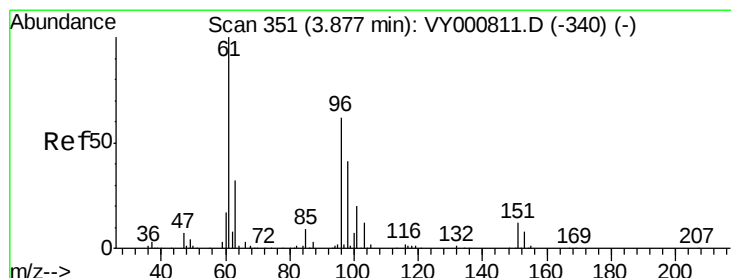
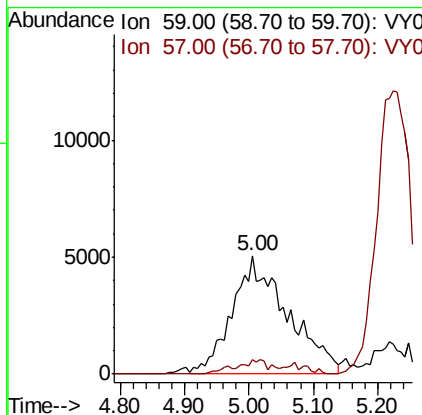
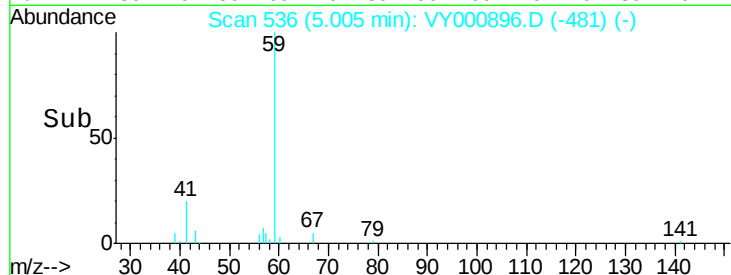
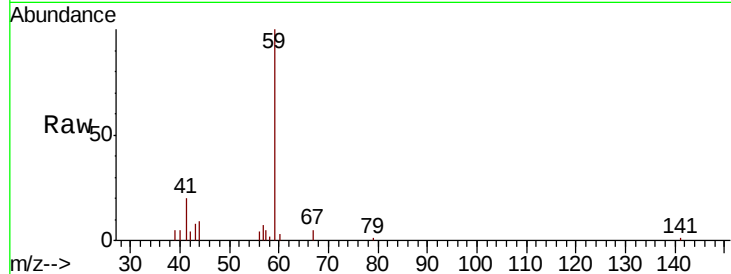
Tert butyl alcohol
Concen: 84.542 ug/l m
RT: 5.00 min Scan# 536
Delta R.T. 0.04 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	59	57	Ratio	Lower	Upper
59	100				
57	5.5			7.8	11.6#

Manual Integrations
APPROVED

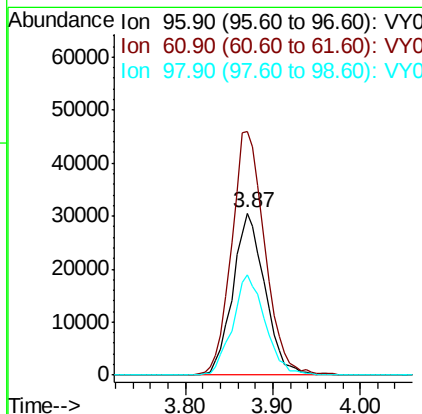
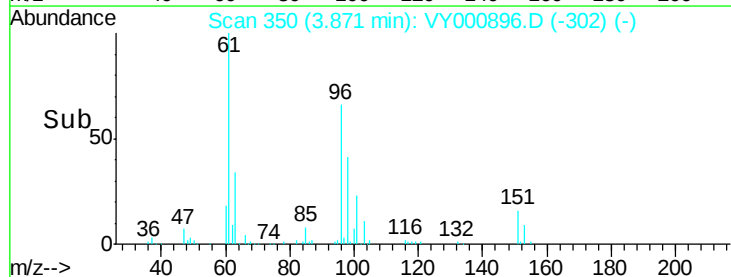
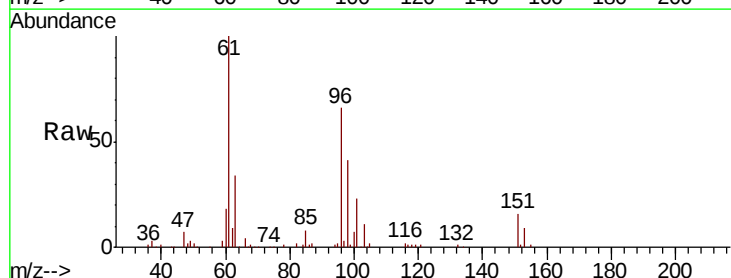
apatel
12/9/2019 11:24:11 AM

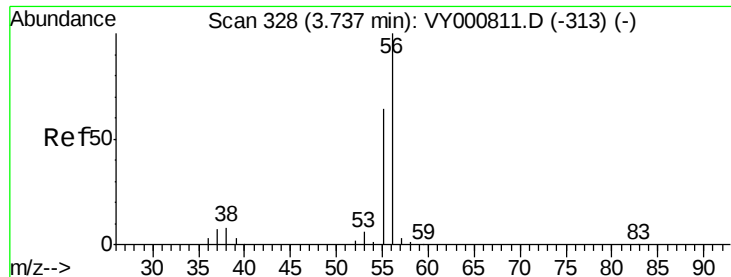


#12

1,1-Dichloroethene
Concen: 21.422 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	96	61	98	Ratio	Lower	Upper
96	100					
61	150.4			129.4	194.2	
98	62.1			53.4	80.0	





#13

Acrolein

Concen: 99.776 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 56 Resp: 34941

Ion Ratio Lower Upper

56 100

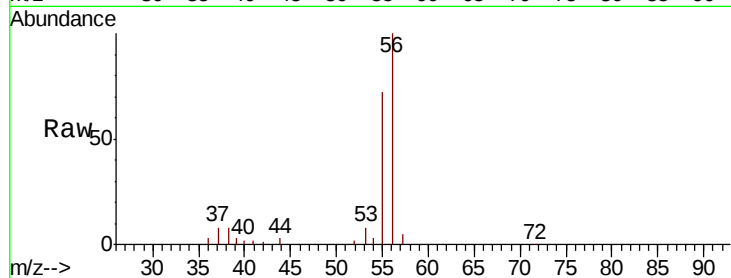
55 69.4 55.7 83.5

Manual Integrations

APPROVED

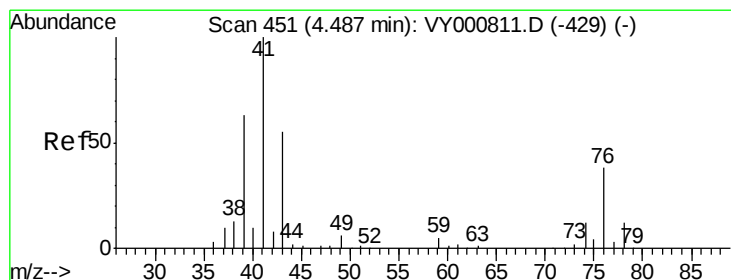
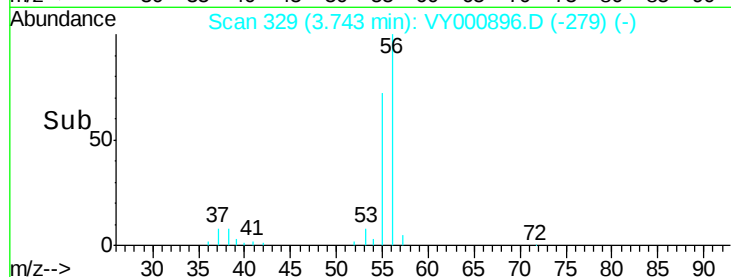
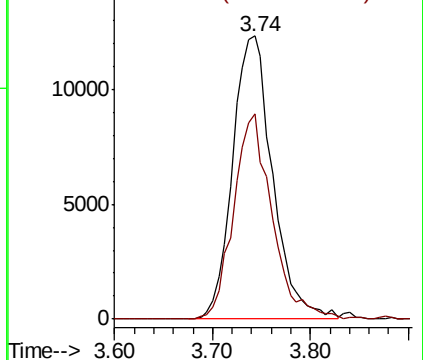
apatel

12/9/2019 11:24:11 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.760 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

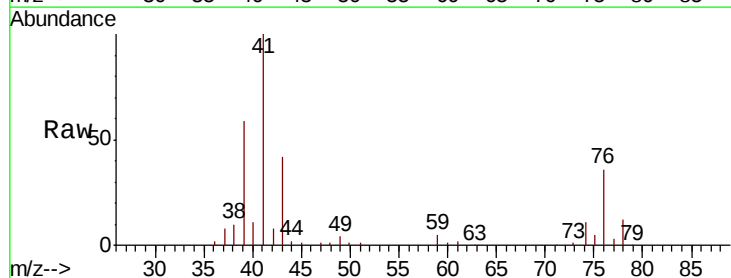
Tgt Ion: 41 Resp: 129792

Ion Ratio Lower Upper

41 100

39 60.4 49.2 73.8

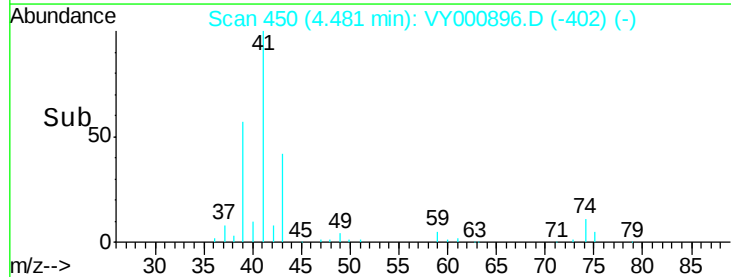
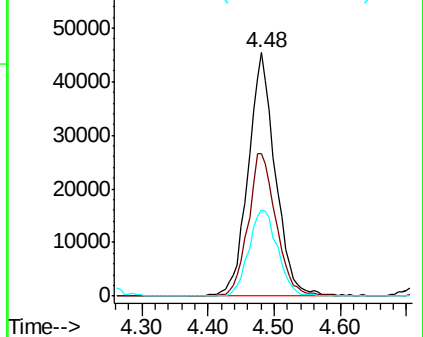
76 37.6 29.2 43.8

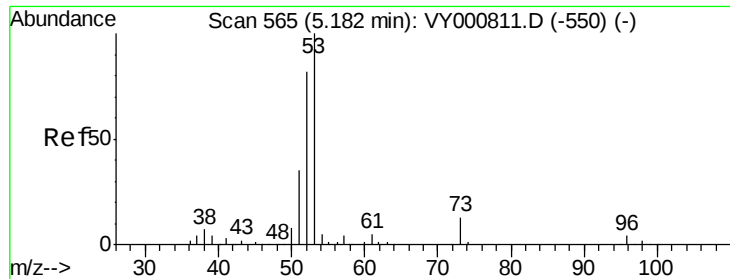


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 97.047 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

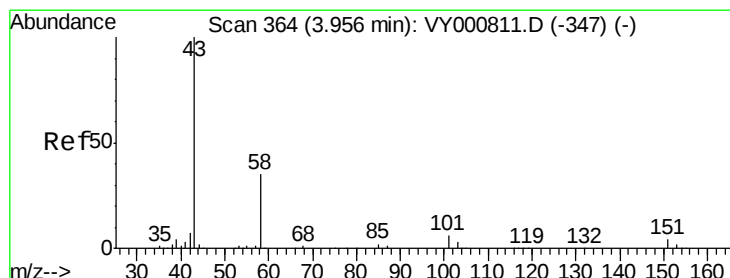
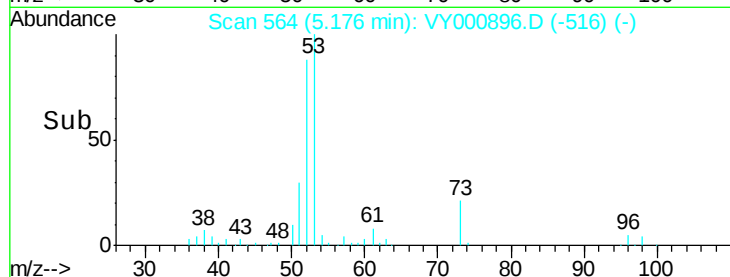
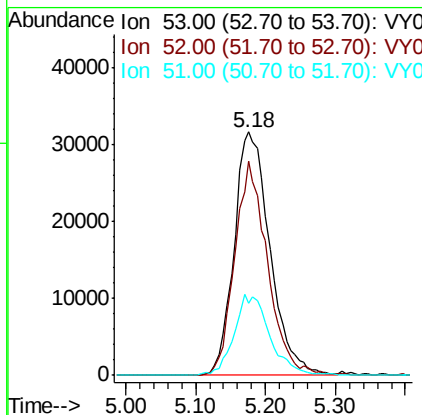
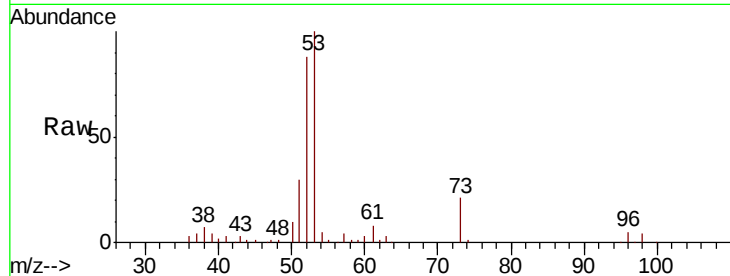
ClientSampleId :

VY1206SBS01

Tot Ion:	53	Resp:	112411
Ion Ratio	Lower	Upper	
53	100		
52	80.9	65.1	97.7
51	32.9	29.0	43.4

Manual Integrations
APPROVED

apatel
12/9/2019 11:24:11 AM



#16

Acetone

Concen: 94.179 ug/l

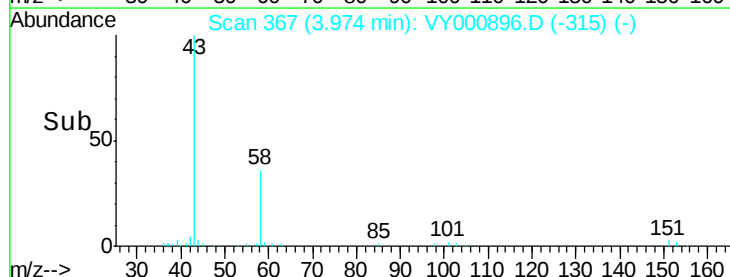
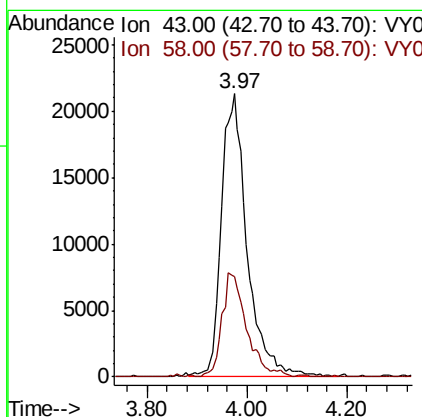
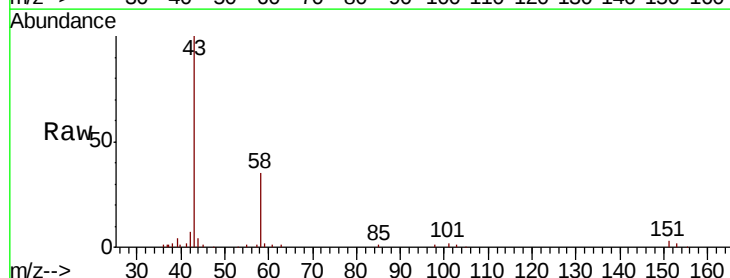
RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion:	43	Resp:	76341
Ion Ratio	Lower	Upper	
43	100		
58	35.4	28.0	42.0





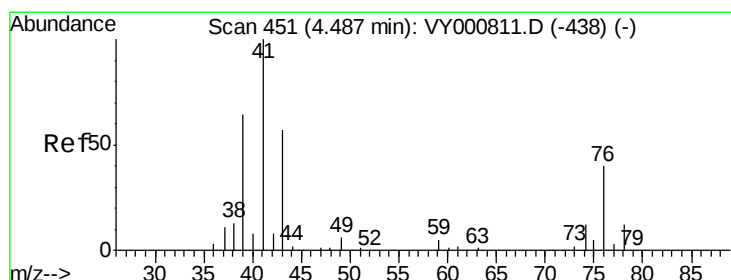
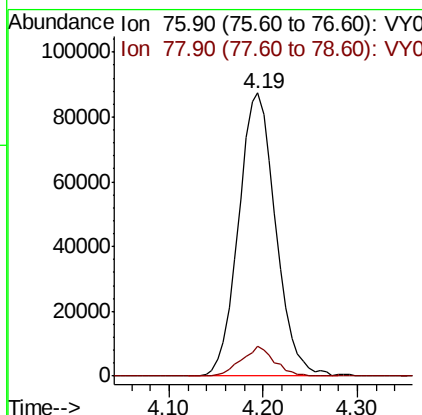
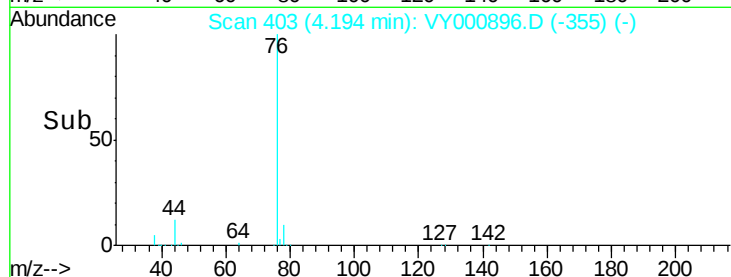
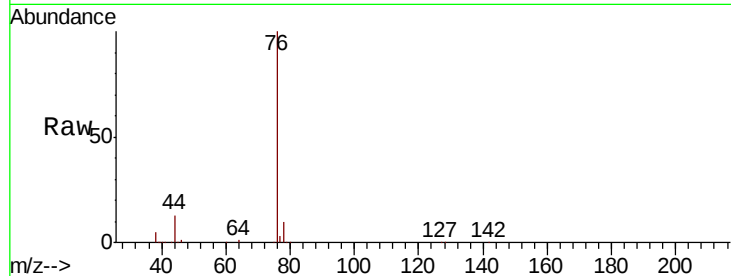
#17
Carbon Disulfide
Concen: 20.389 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion: 76 Resp: 240445
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9

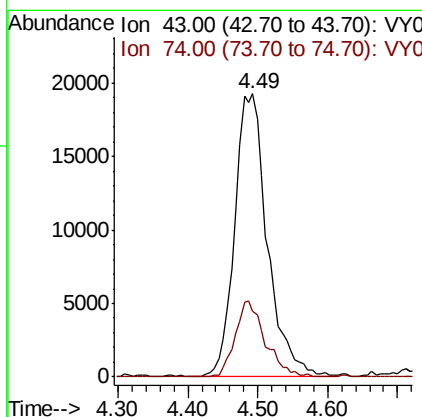
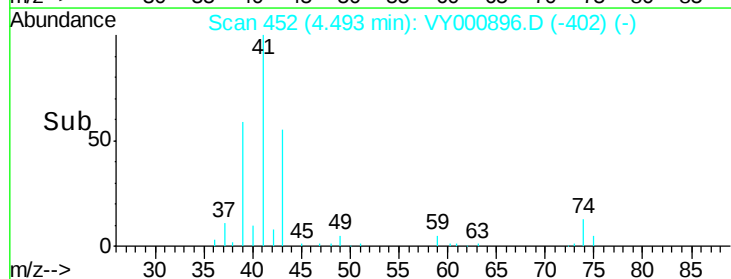
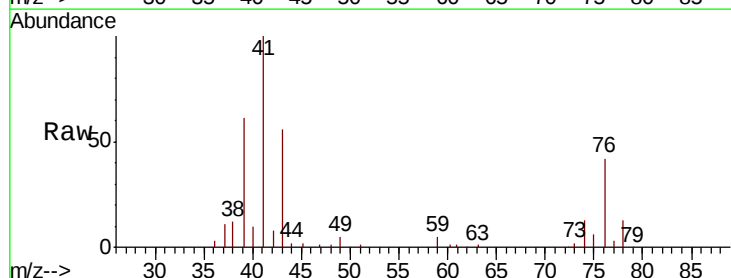
Manual Integrations
APPROVED

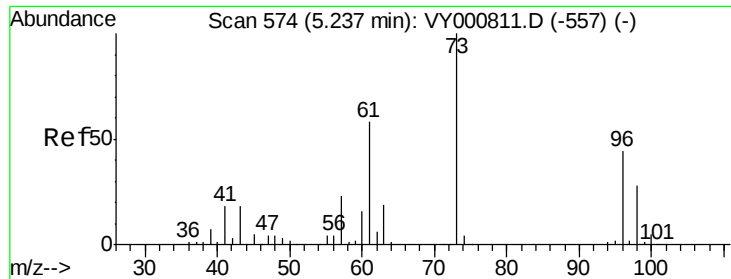
apatel
12/9/2019 11:24:11 AM



#18
Methyl Acetate
Concen: 18.290 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 43 Resp: 61991
Ion Ratio Lower Upper
43 100
74 24.9 18.5 27.7





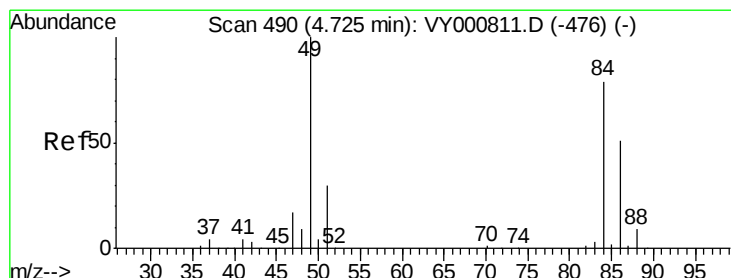
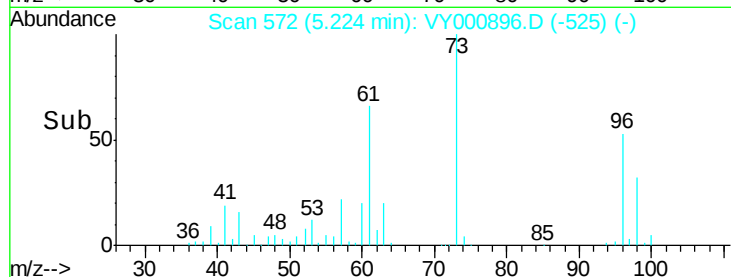
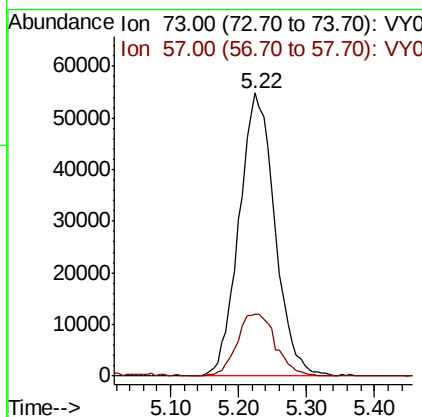
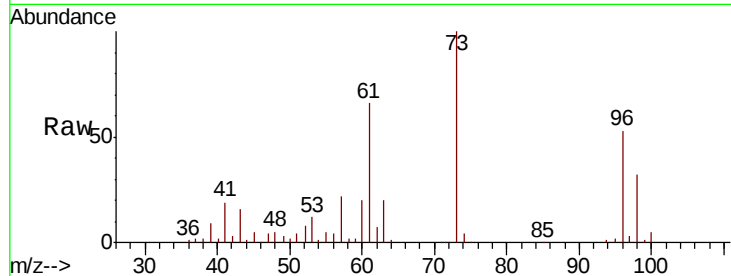
#19
Methvl tert-butvl Ether
Concen: 20.650 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion: 73 Resp: 201079
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4

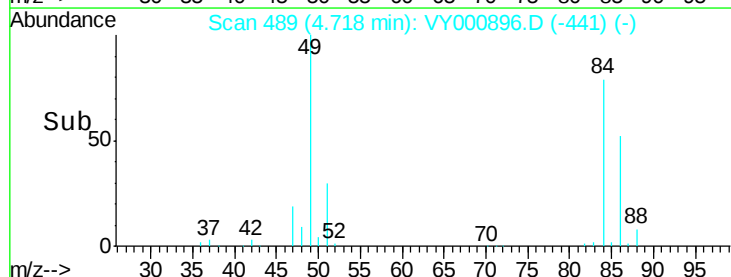
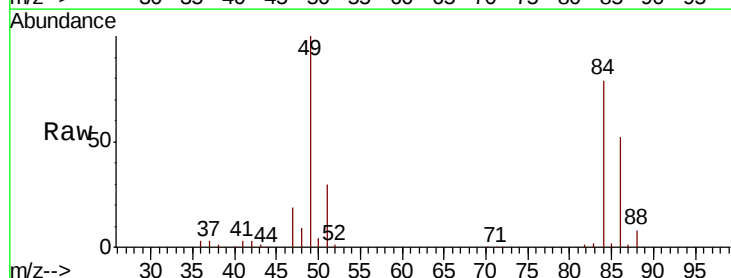
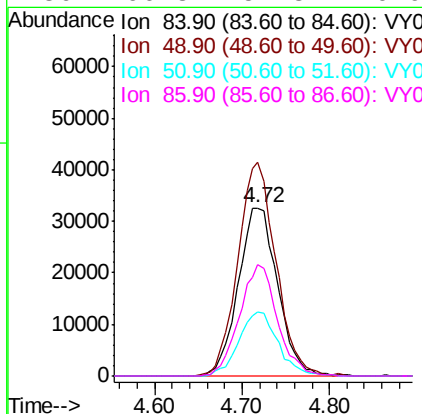
Manual Integrations
APPROVED

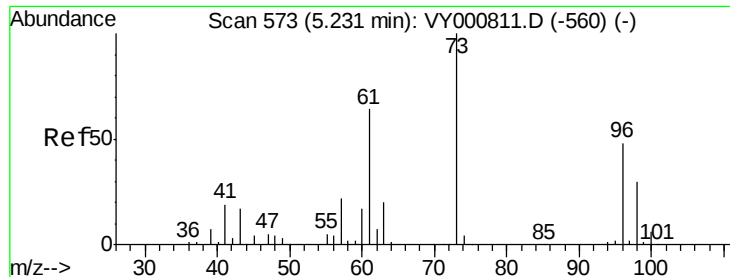
apatel
12/9/2019 11:24:11 AM



#20
Methylene Chloride
Concen: 23.931 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 84 Resp: 102252
Ion Ratio Lower Upper
84 100
49 127.1 101.3 151.9
51 38.0 30.6 45.8
86 66.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 21.149 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 96 Resp: 87648

Ion Ratio Lower Upper

96 100

61 124.4 105.9 158.9

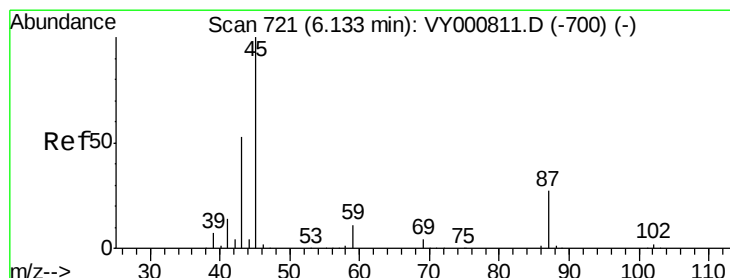
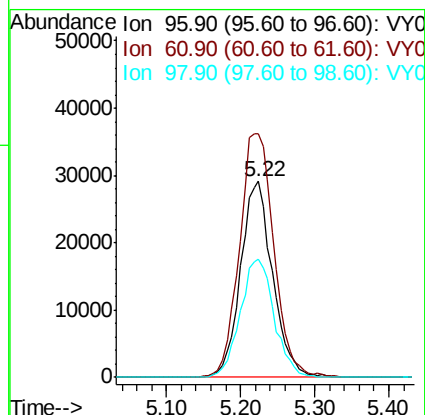
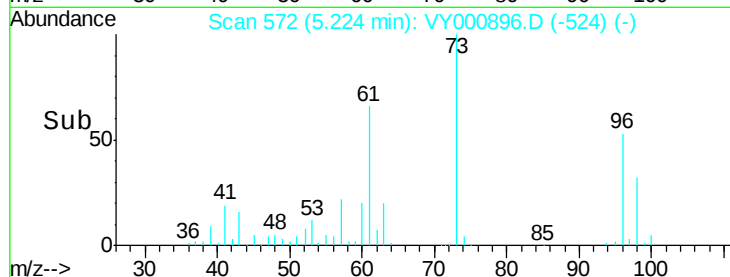
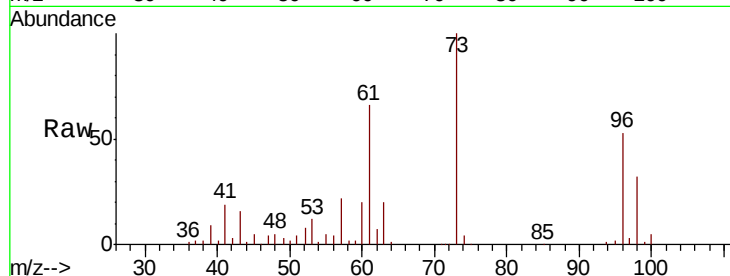
98 60.2 49.4 74.2

Manual Integrations

APPROVED

apatel

12/9/2019 11:24:11 AM



#22

Diisopropyl ether

Concen: 20.554 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion: 45 Resp: 264118

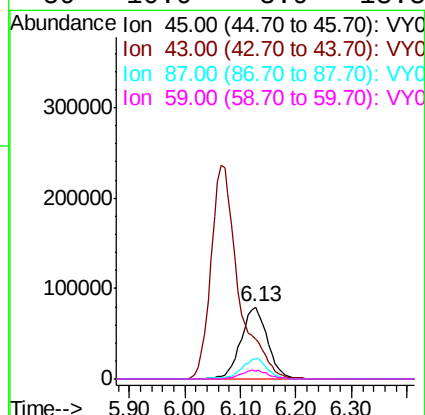
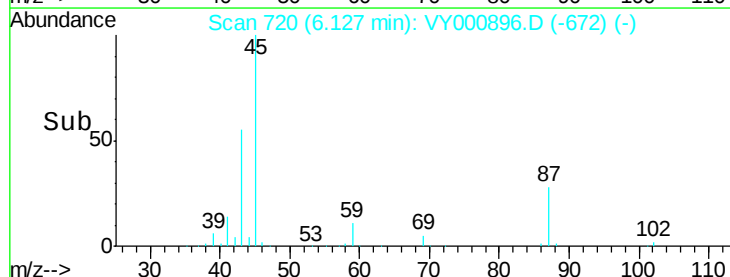
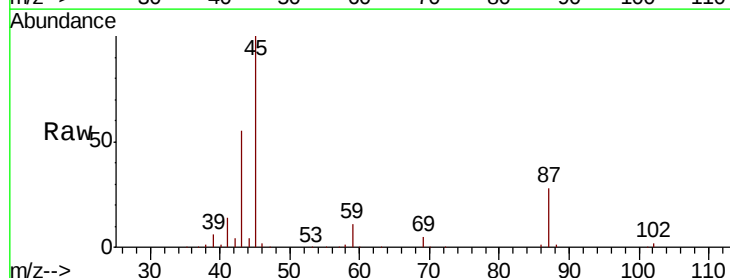
Ion Ratio Lower Upper

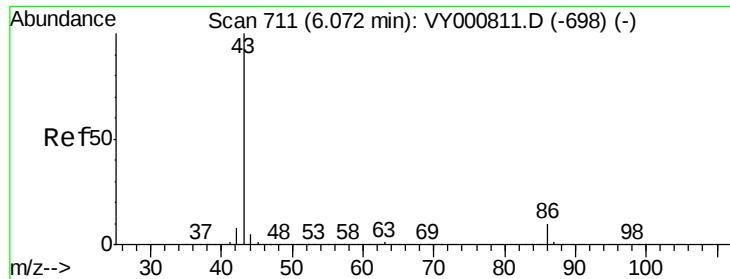
45 100

43 54.1 42.7 64.1

87 27.8 22.0 33.0

59 10.9 8.9 13.3





#23

Vinyl Acetate

Concen: 104.004 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 43 Resp: 812453

Ion Ratio Lower Upper

43 100

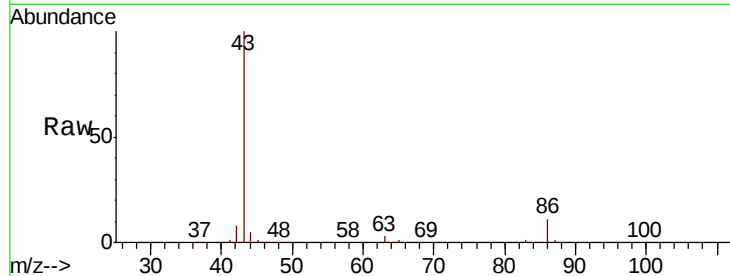
86 10.9 8.3 12.5

Manual Integrations

APPROVED

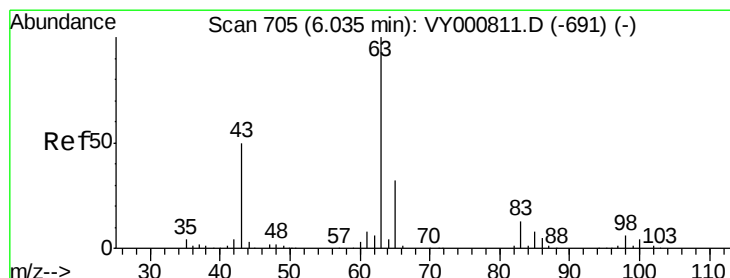
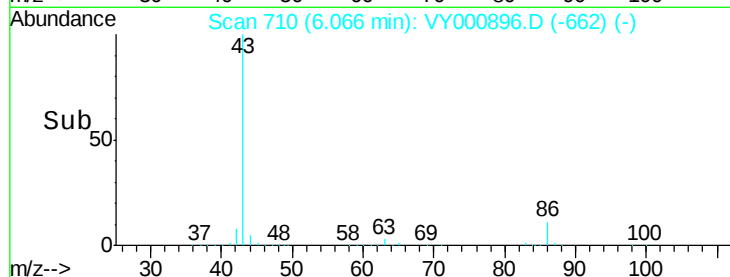
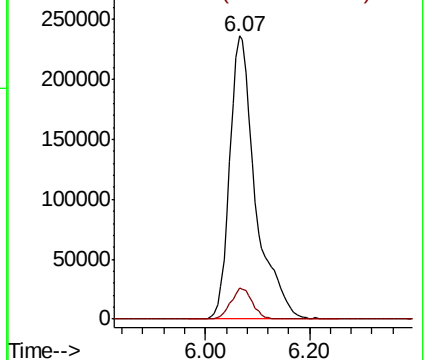
apatel

12/9/2019 11:24:11 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.952 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

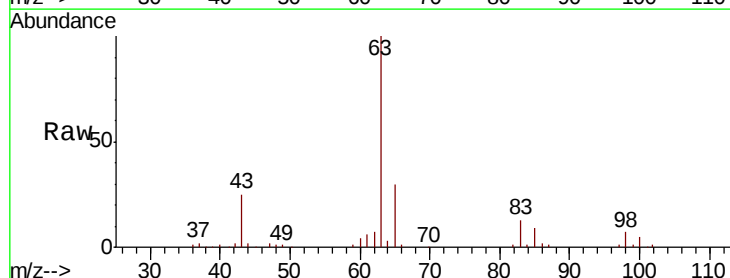
Tgt Ion: 63 Resp: 148387

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

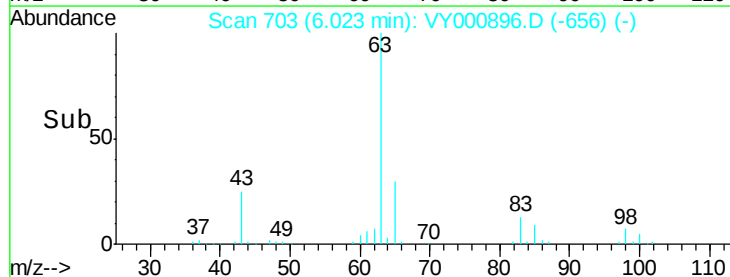
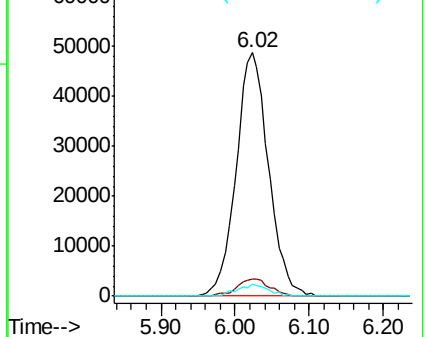
100 5.1 2.2 6.6

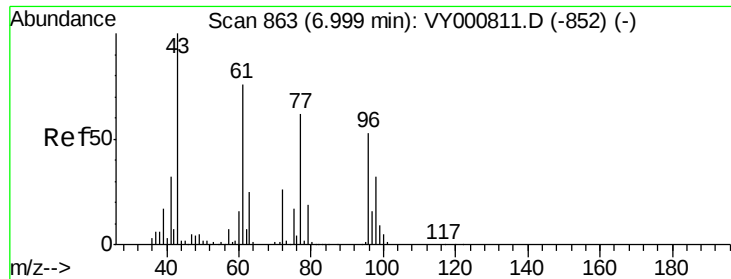


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 93.190 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampled :

VY1206SBS01

Tot Ion: 43 Resp: 139541

Ion Ratio Lower Upper

43 100

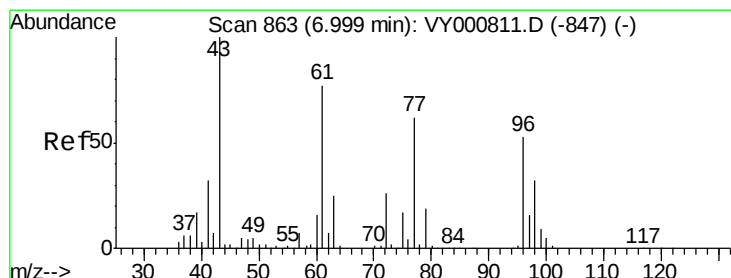
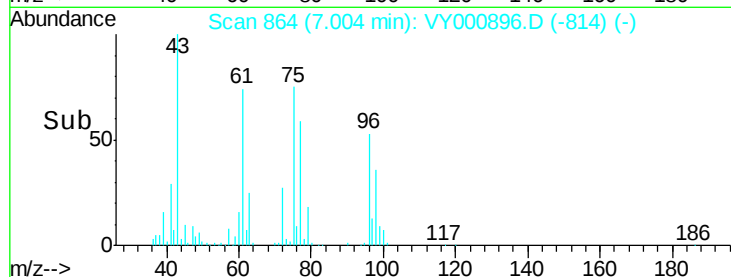
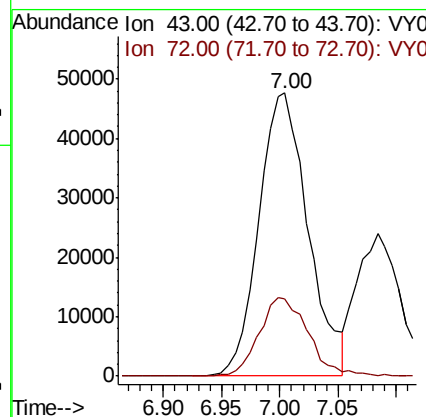
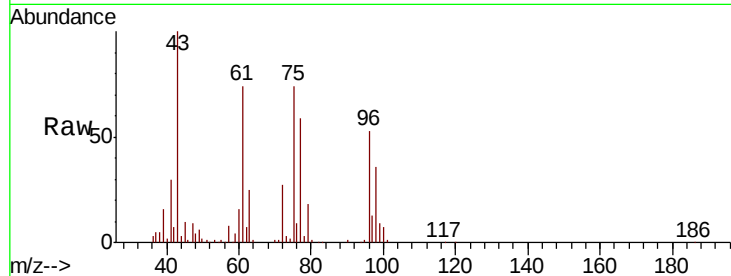
72 27.2 21.0 31.4

Manual Integrations

APPROVED

apatel

12/9/2019 11:24:11 AM



#26

2,2-Dichloropropane

Concen: 20.754 ug/l

RT: 6.98 min Scan# 860

Delta R.T. -0.02 min

Lab File: VY000896.D

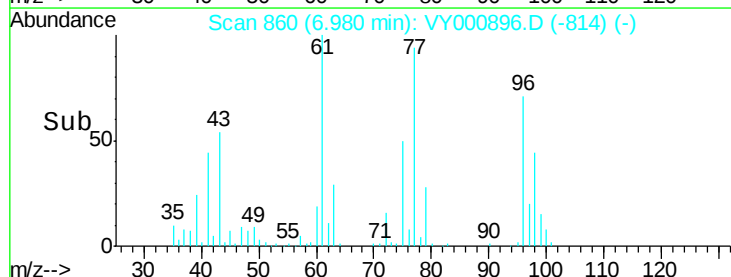
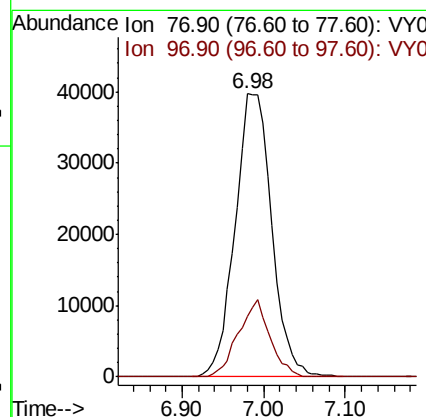
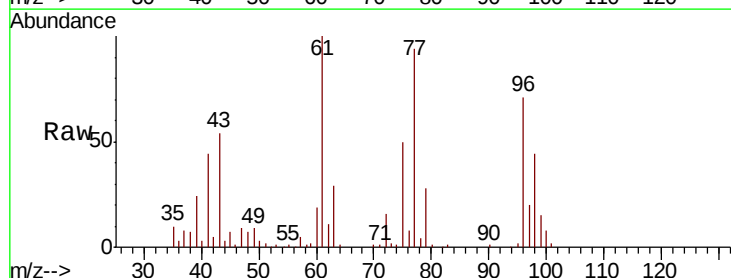
Acq: 06 Dec 2019 13:12

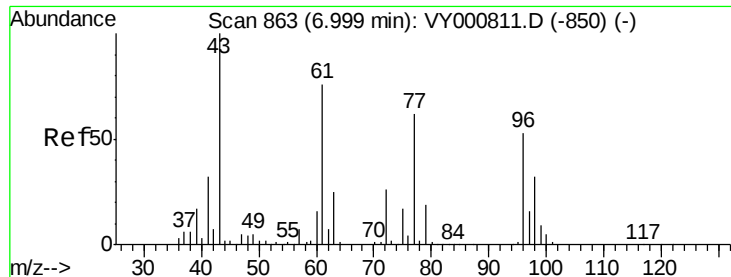
Tgt Ion: 77 Resp: 123711

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.9





#27

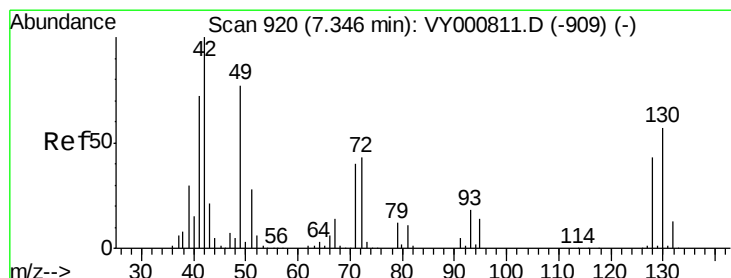
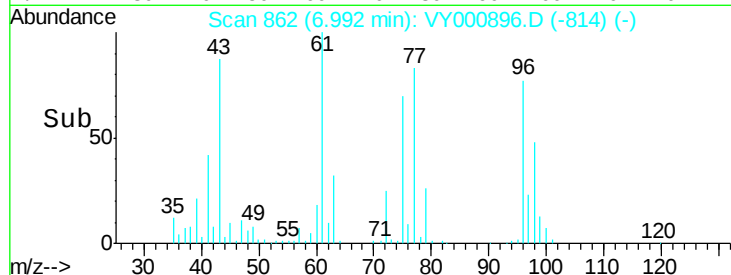
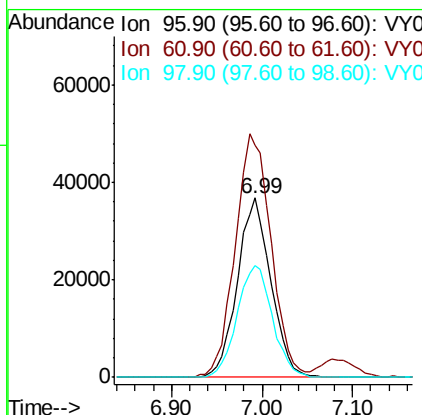
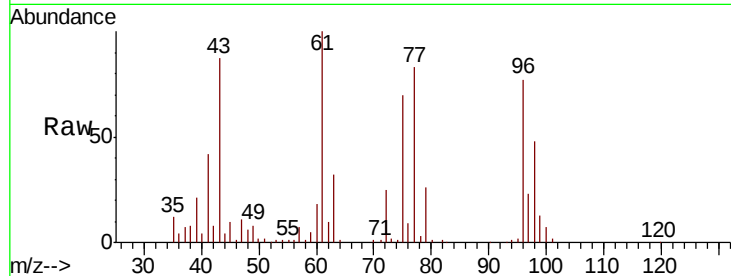
cis-1,2-Dichloroethene
Concen: 21.034 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	285.0
98	65.8	0.0	128.0

Manual Integrations
APPROVED

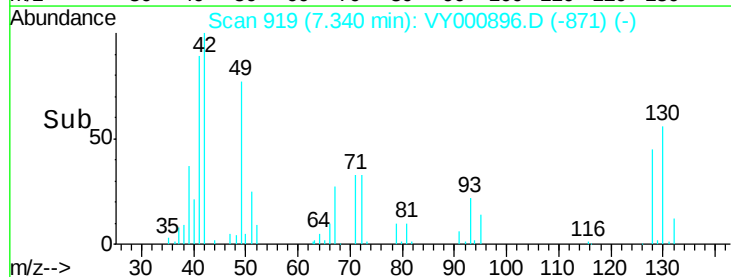
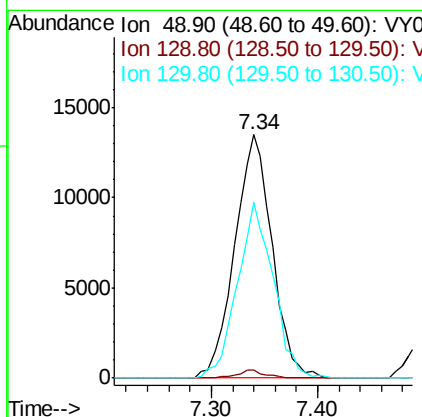
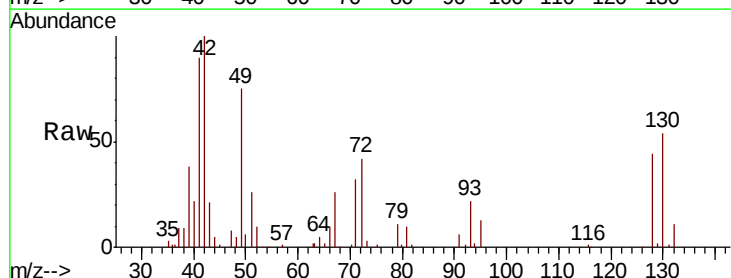
apatel
12/9/2019 11:24:11 AM

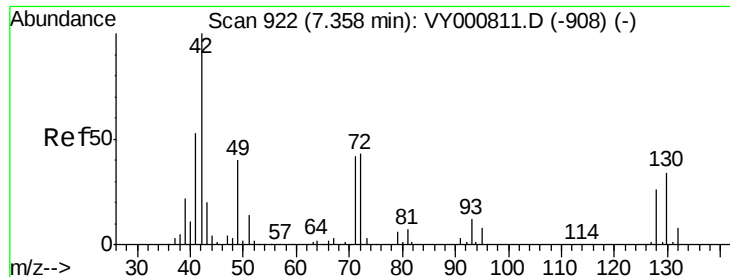


#28

Bromochloromethane
Concen: 14.283 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	69.5	58.7	88.1





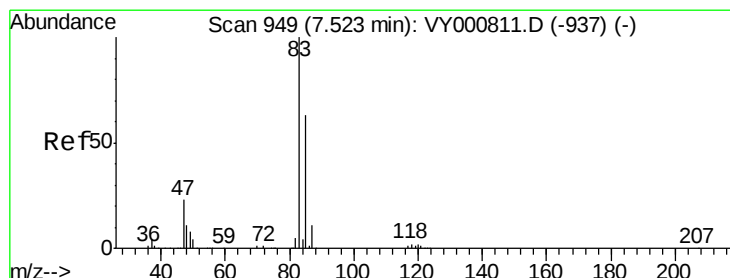
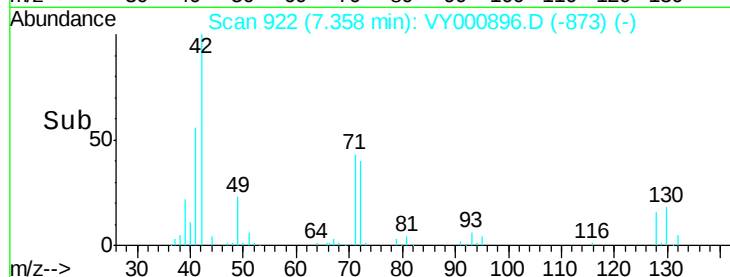
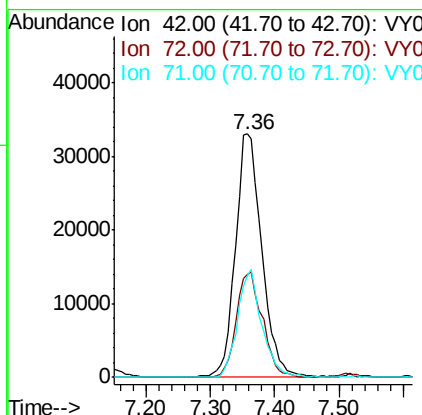
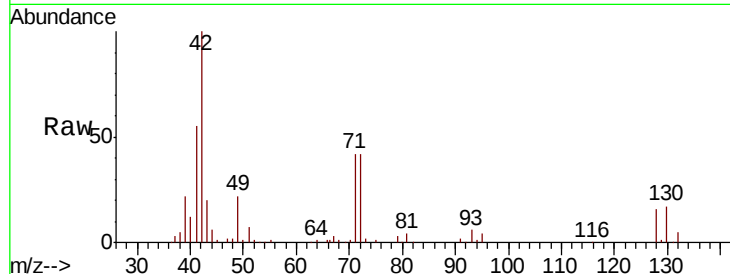
#29
Tetrahydrofuran
Concen: 94.909 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	35.1	52.7
71	40.8	32.8	49.2

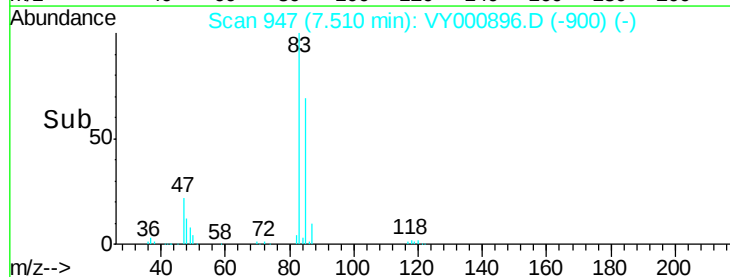
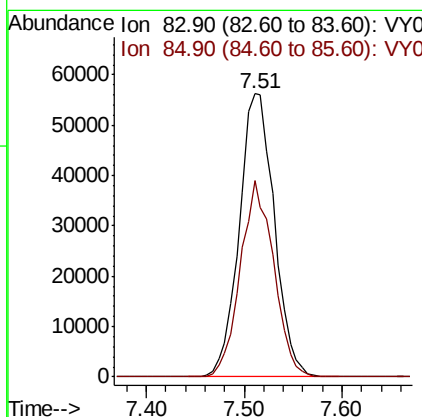
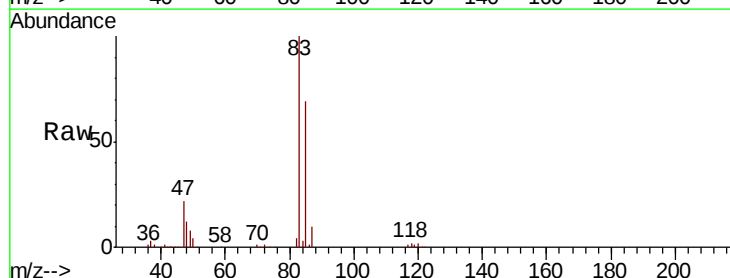
Manual Integrations
APPROVED

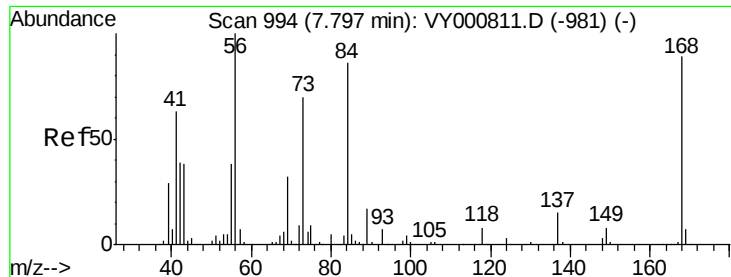
apatel
12/9/2019 11:24:11 AM



#30
Chloroform
Concen: 19.664 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.4	50.4	75.6





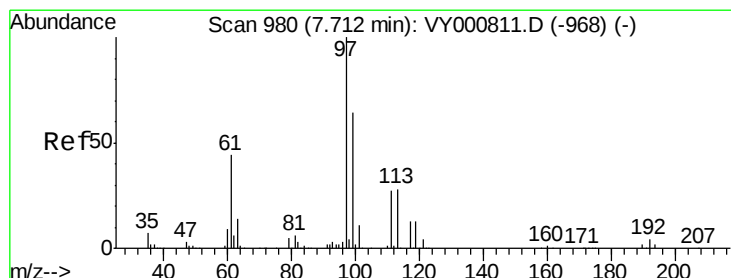
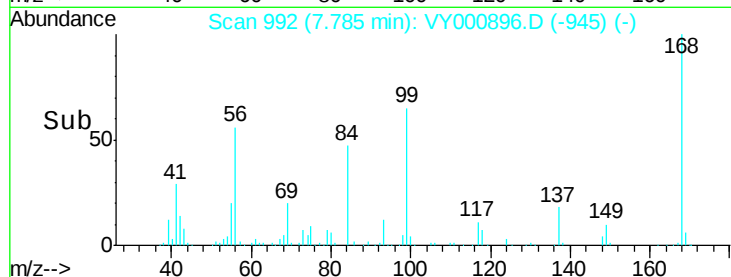
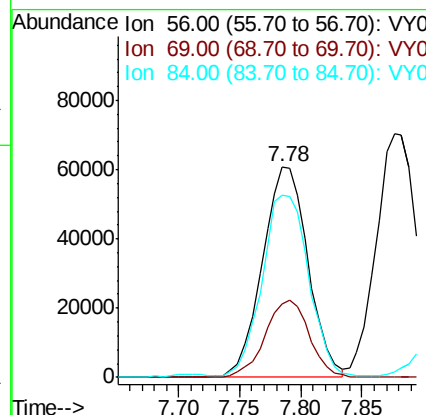
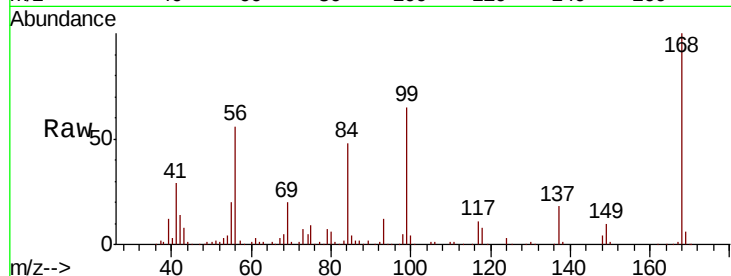
#31
Cyclohexane
Concen: 20.991 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	25.9	38.9
84	85.1	68.6	102.8

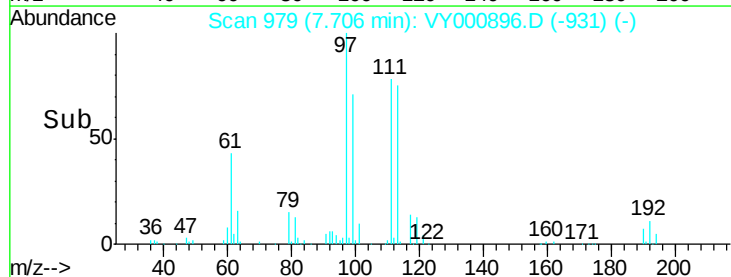
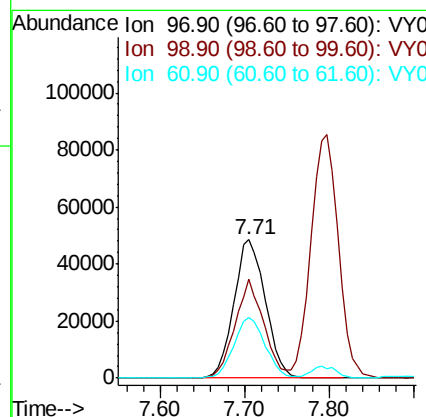
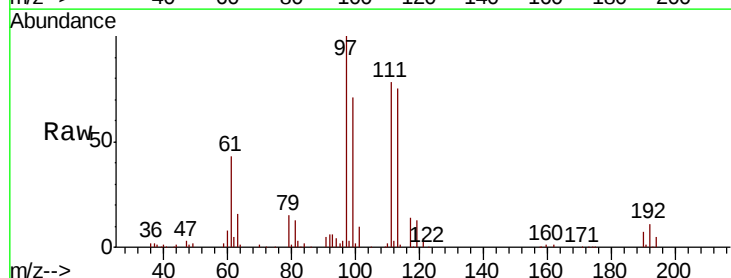
Manual Integrations
APPROVED

apatel
12/9/2019 11:24:11 AM



#32
1,1,1-Trichloroethane
Concen: 20.924 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.7	77.5
61	43.1	35.0	52.6





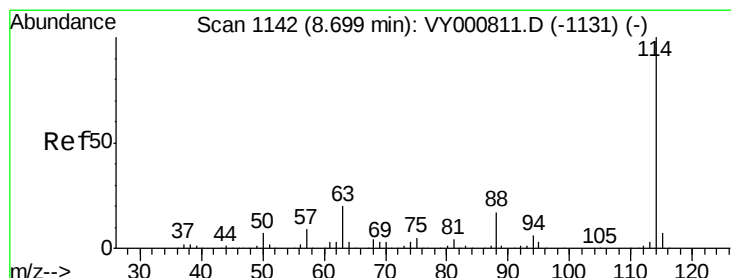
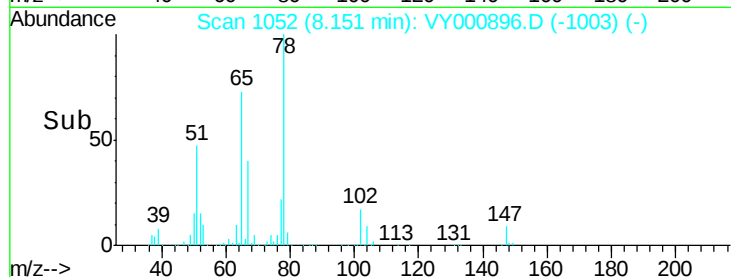
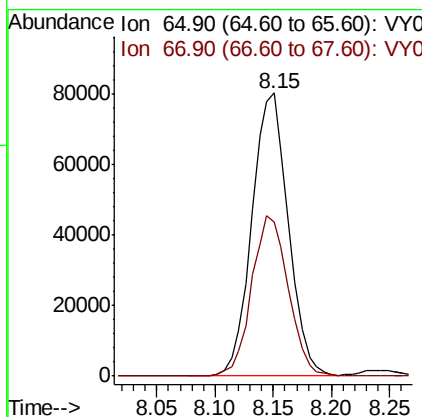
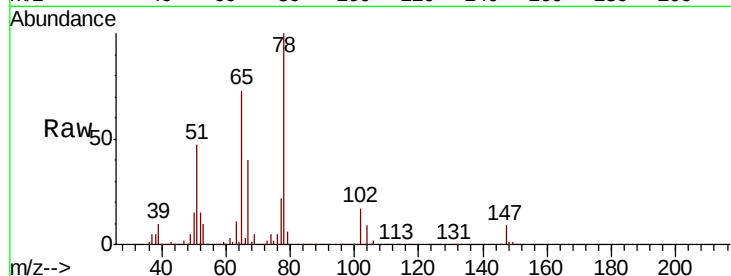
#33
 1,2-Dichloroethane-d4
 Concen: 49.554 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	57.2	0.0	112.0

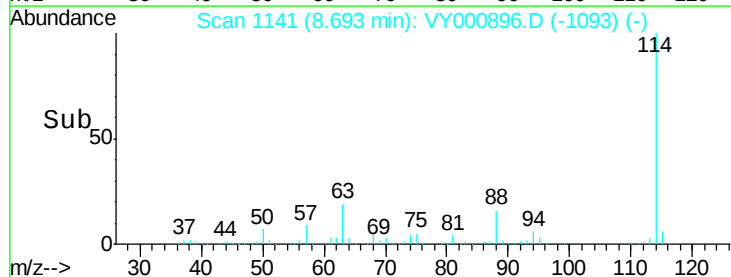
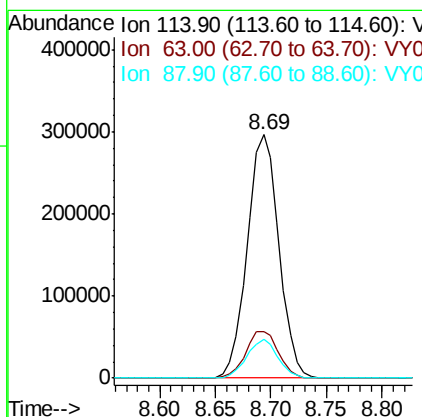
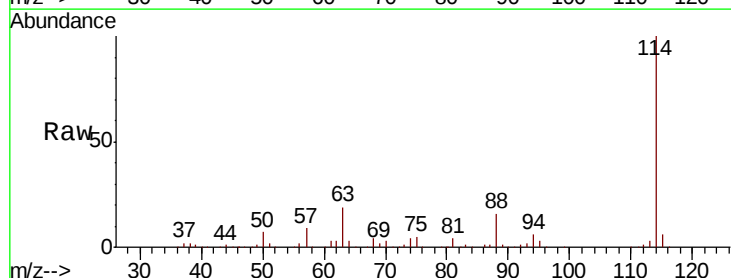
Manual Integrations
 APPROVED

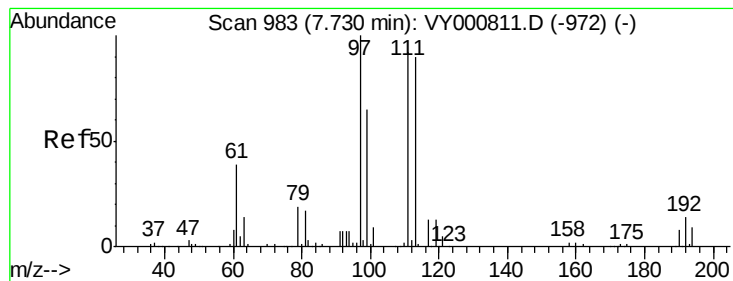
apatel
 12/9/2019 11:24:11 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.8
88	15.9	0.0	33.2





#35

Dibromofluoromethane

Concen: 50.208 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

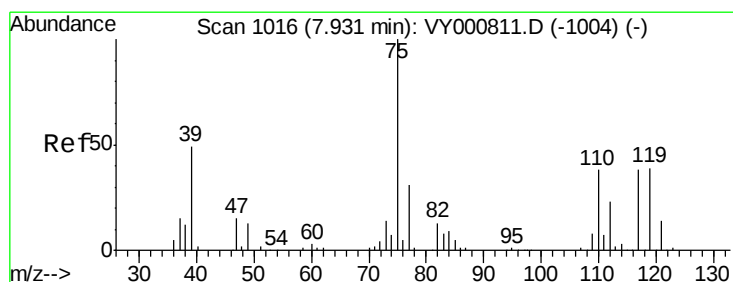
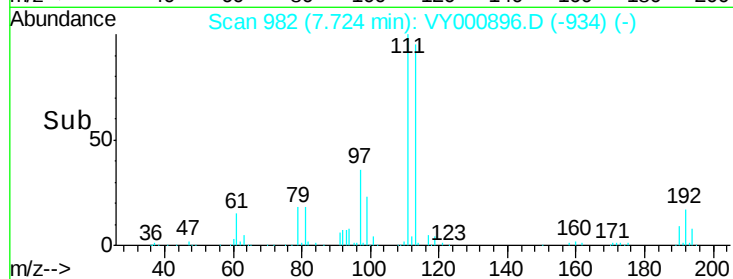
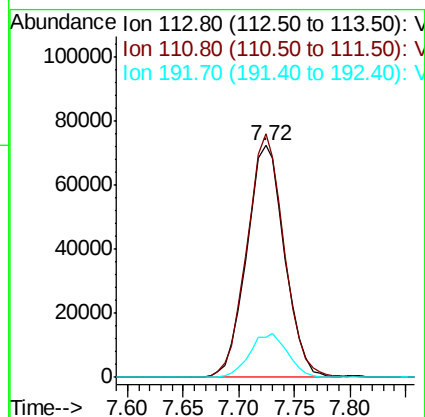
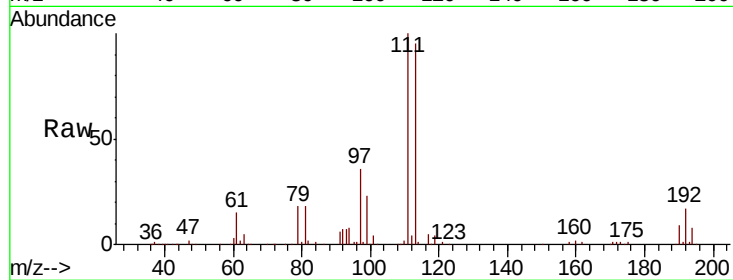
ClientSampleId :

VY1206SBS01

Tot Ion:	113	Resp:	171377
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.4	123.6
192	18.9	14.2	21.2

Manual Integrations
APPROVED

apatel
12/9/2019 11:24:11 AM



#36

1,1-Dichloropropene

Concen: 21.074 ug/l

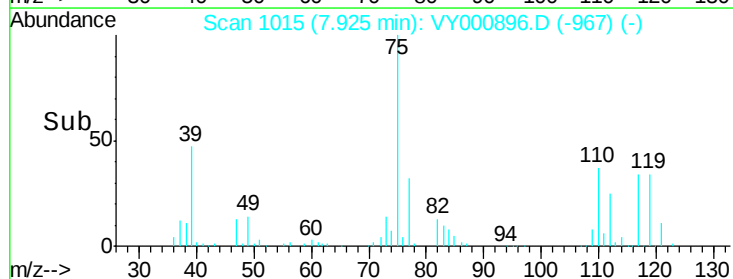
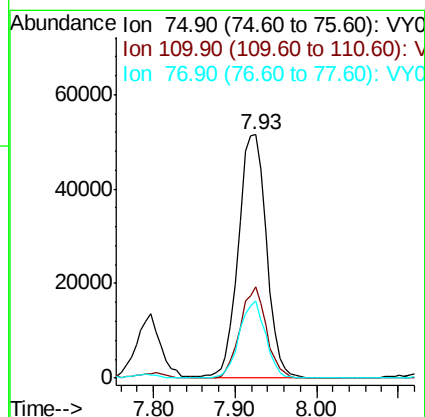
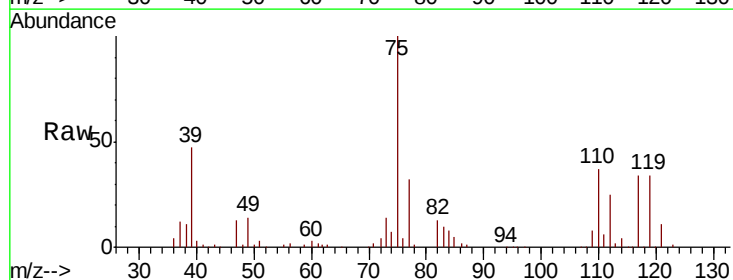
RT: 7.93 min Scan# 1015

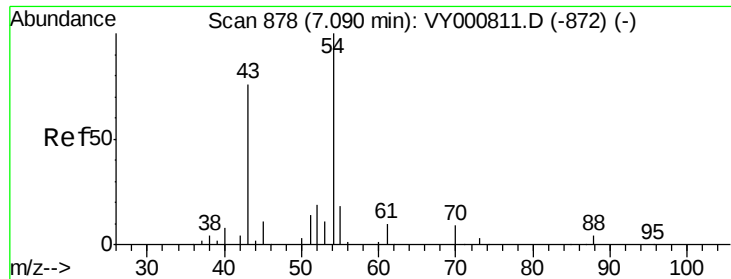
Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion:	75	Resp:	122724
Ion Ratio	Lower	Upper	
75	100		
110	35.0	17.9	53.7
77	29.6	24.7	37.1





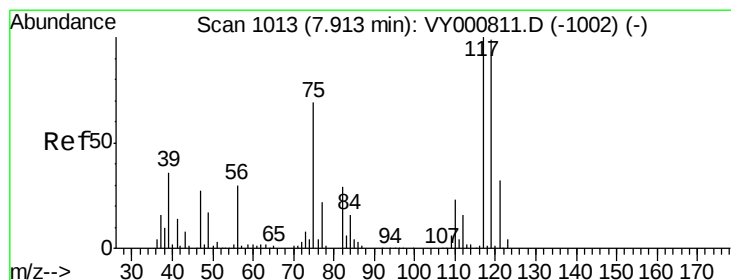
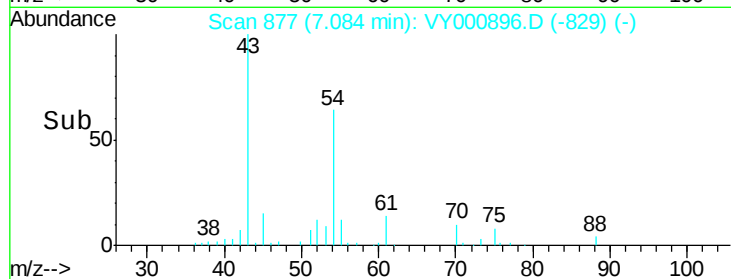
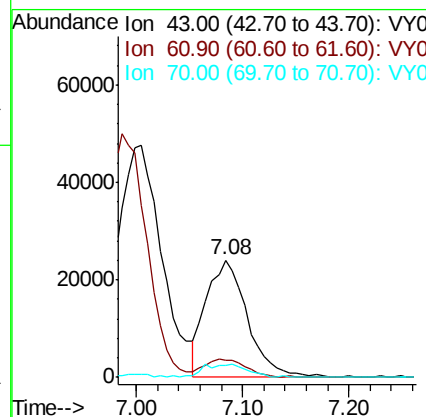
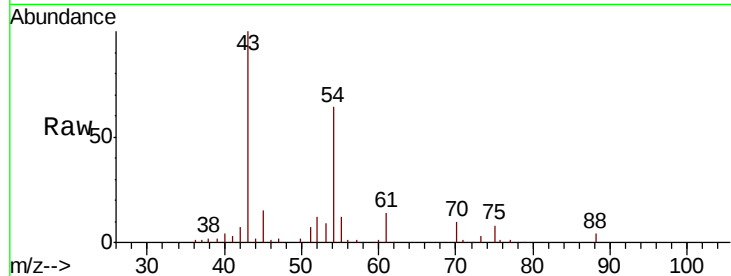
#37
Ethyl Acetate
Concen: 19.219 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.8	17.8
70	11.1	8.7	13.1

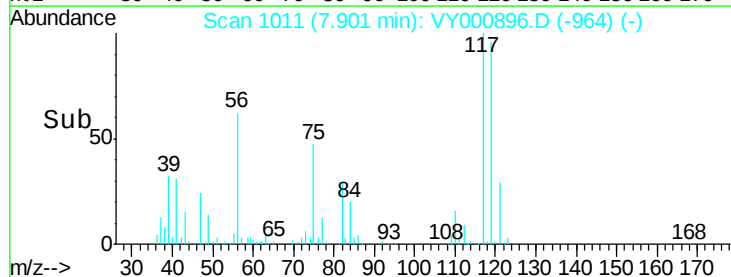
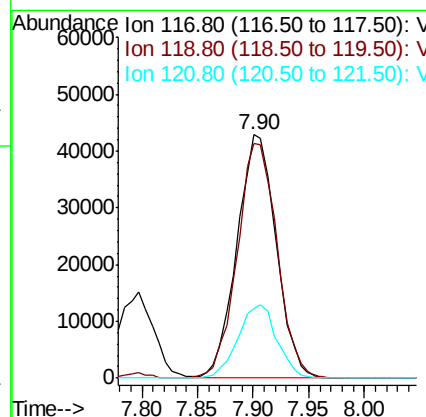
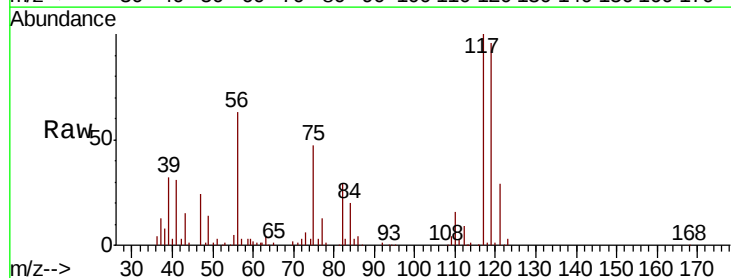
Manual Integrations
APPROVED

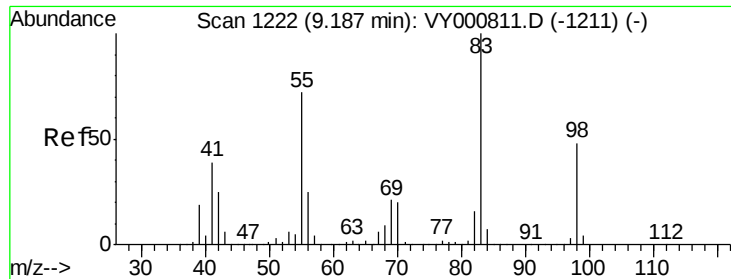
apatel
12/9/2019 11:24:11 AM



#38
Carbon Tetrachloride
Concen: 20.260 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	79.3	118.9
121	28.5	25.5	38.3





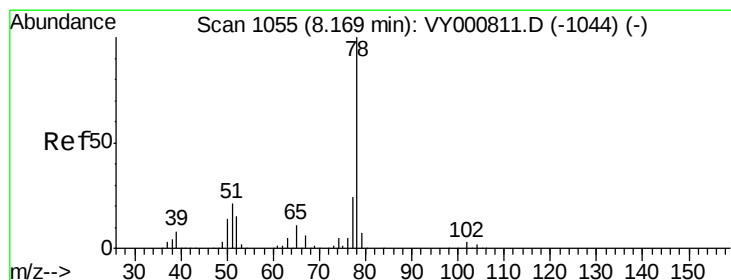
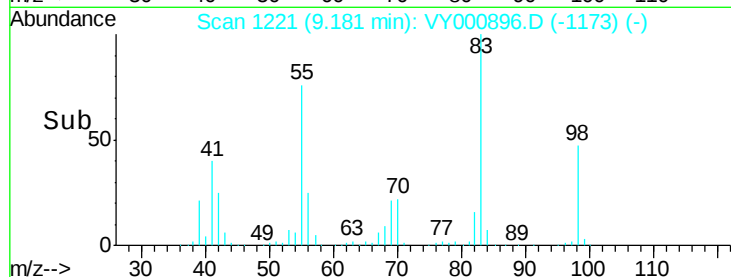
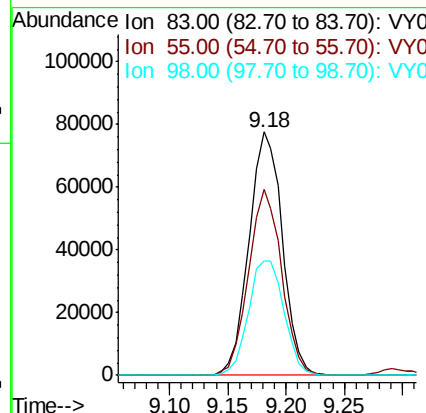
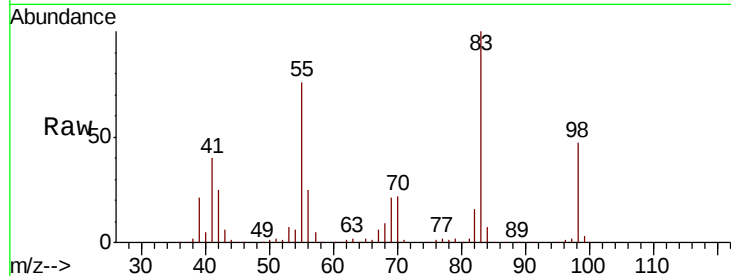
#39
Methvlcvclohexane
Concen: 20.190 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	57.8	86.6
98	46.9	38.6	58.0

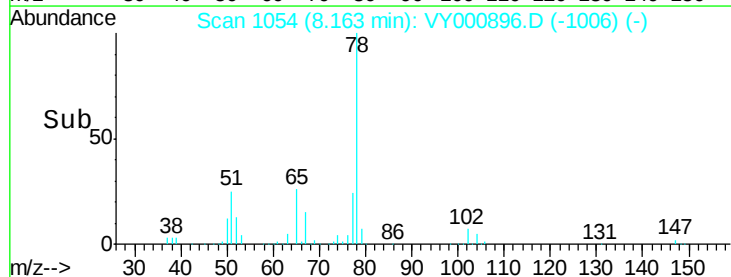
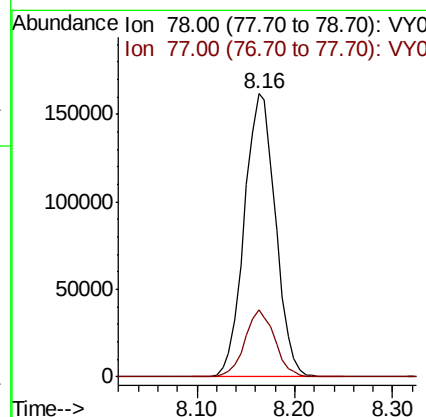
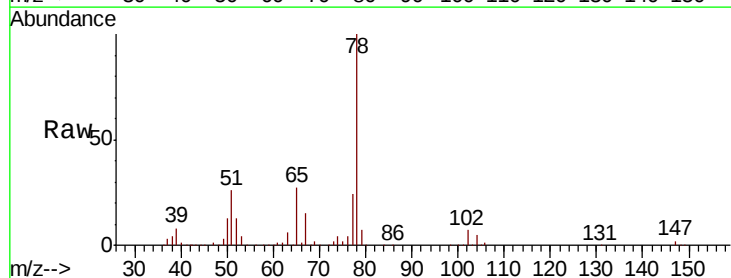
Manual Integrations
APPROVED

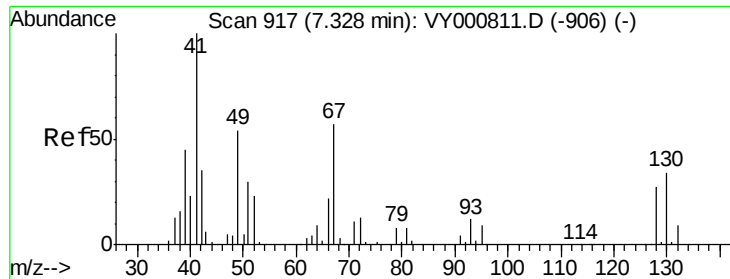
apatel
12/9/2019 11:24:11 AM



#40
Benzene
Concen: 21.081 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





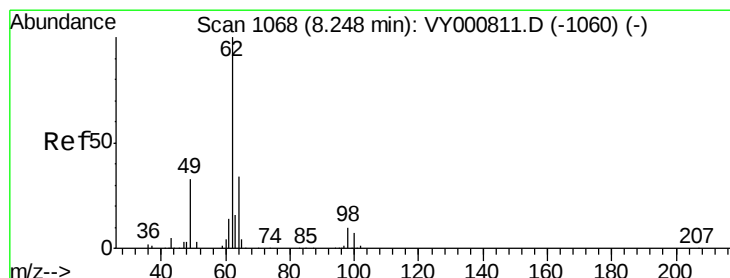
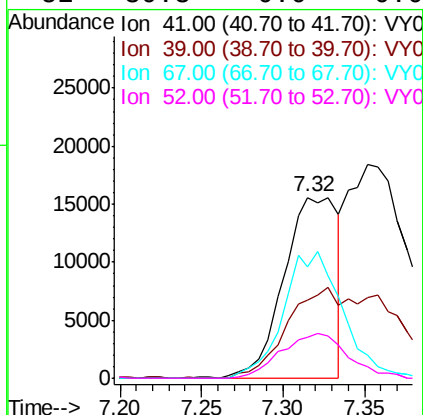
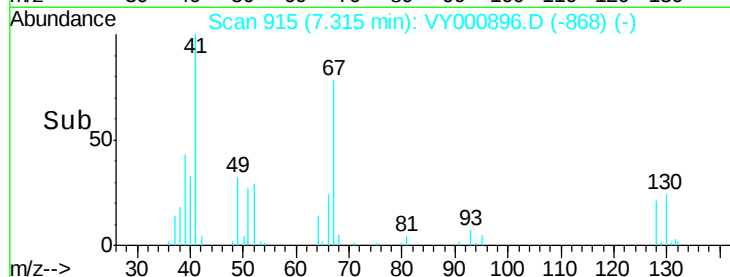
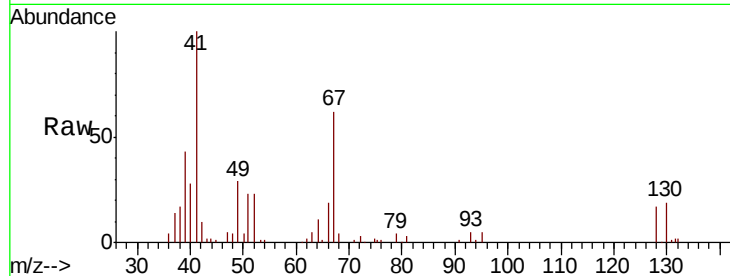
#41
Methacrylonitrile
Concen: 20.294 ug/l
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.4	95.7	143.5#
67	76.5	0.0	0.0#
52	30.3	0.0	0.0#

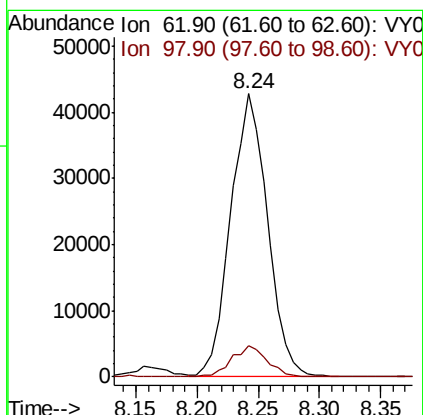
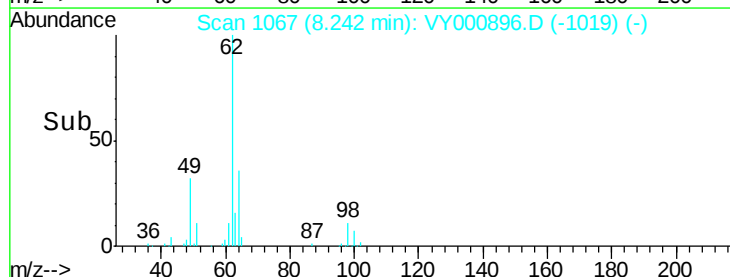
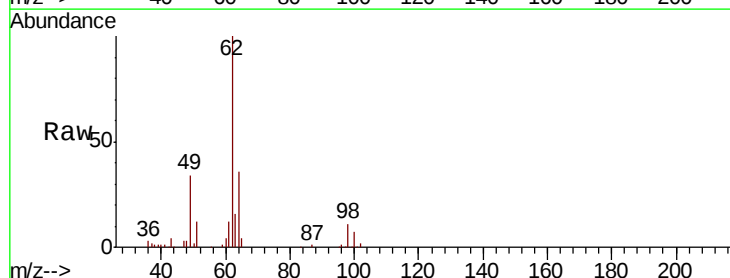
Manual Integrations
APPROVED

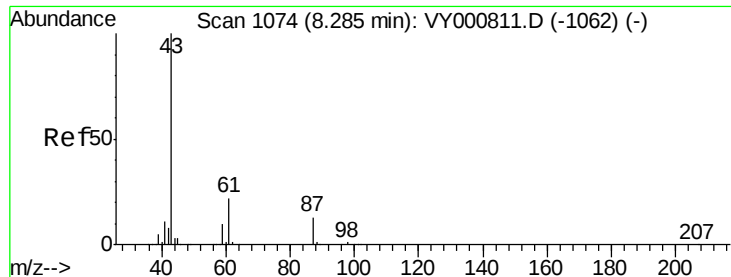
apatel
12/9/2019 11:24:11 AM



#42
1,2-Dichloroethane
Concen: 20.052 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.4





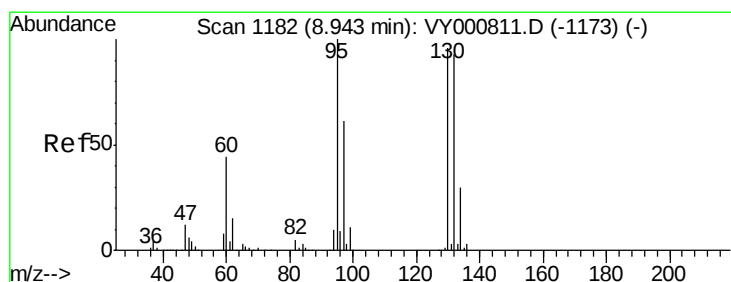
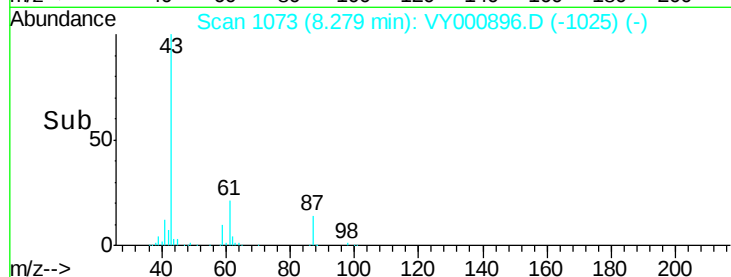
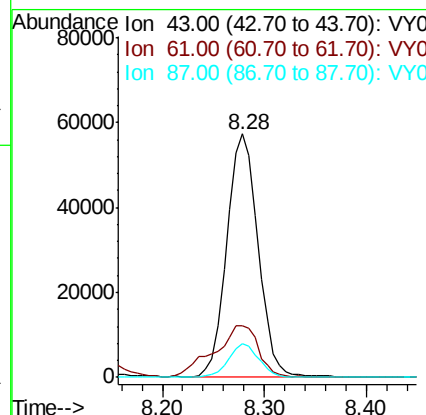
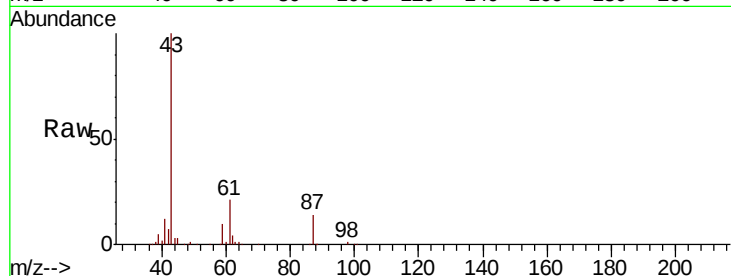
#43
Isopropyl Acetate
Concen: 19.081 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.2	23.7	35.5
87	13.3	10.6	15.8

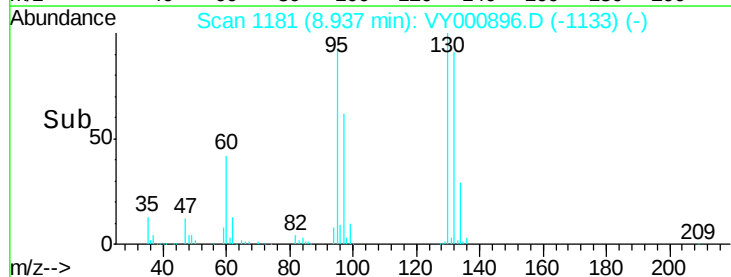
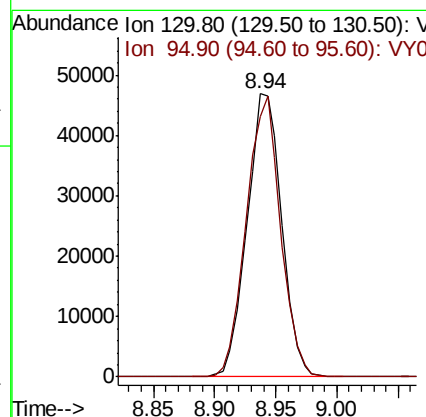
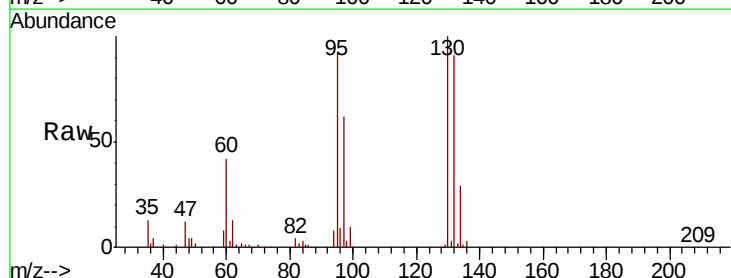
Manual Integrations
APPROVED

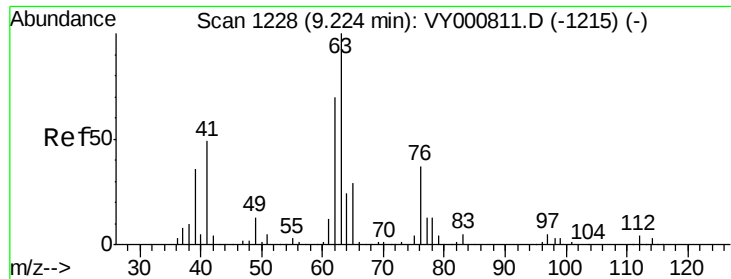
apatel
12/9/2019 11:24:11 AM



#44
Trichloroethene
Concen: 21.138 ug/l
RT: 8.94 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	207.8





#45

1,2-Dichloropropane

Concen: 20.723 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 63 Resp: 88296

Ion Ratio Lower Upper

63 100

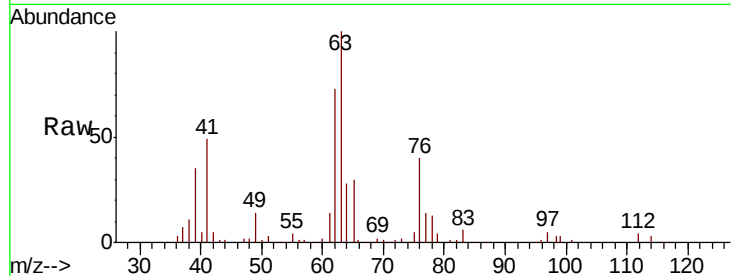
65 30.1 23.2 34.8

Manual Integrations

APPROVED

apatel

12/9/2019 11:24:11 AM



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

50000

40000

30000

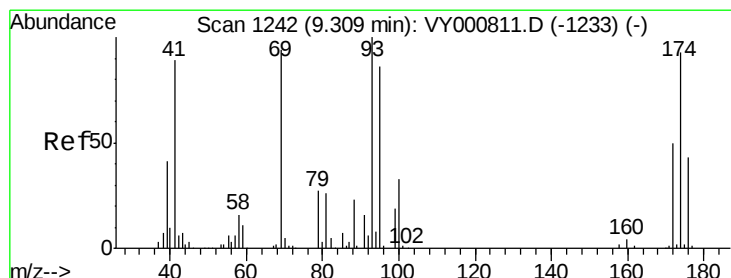
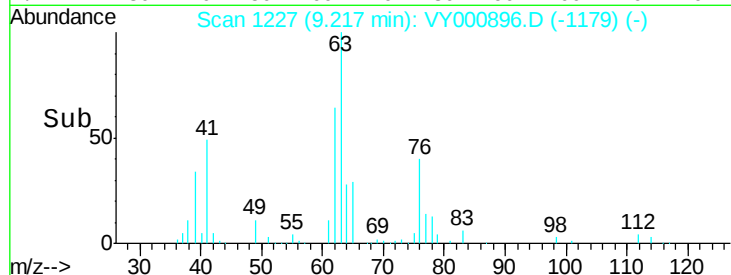
20000

10000

0

Time-->

9.10 9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 20.660 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

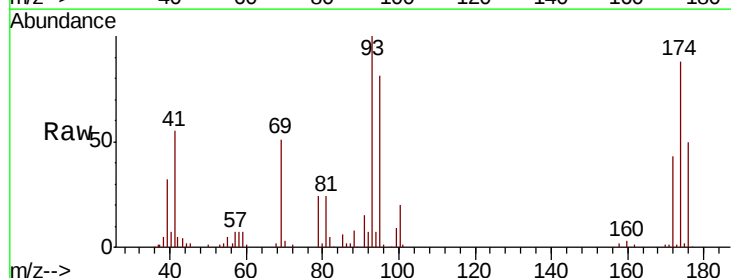
Tgt Ion: 93 Resp: 45993

Ion Ratio Lower Upper

93 100

95 82.3 66.4 99.6

174 89.1 73.0 109.6



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

9.31

30000

25000

20000

15000

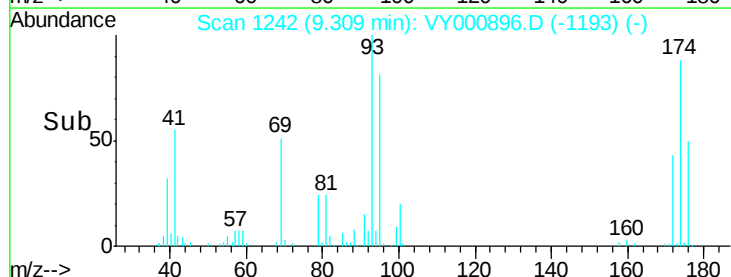
10000

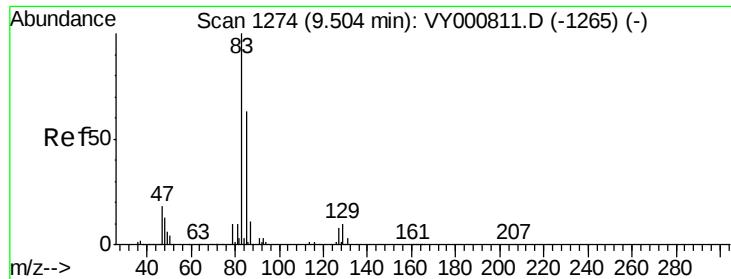
5000

0

Time-->

9.20 9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 20.187 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

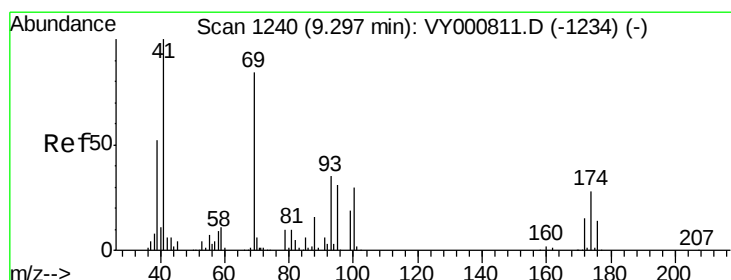
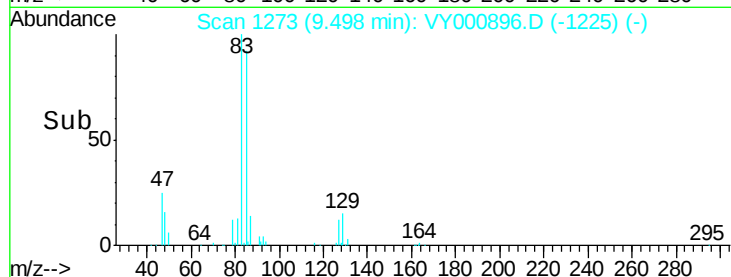
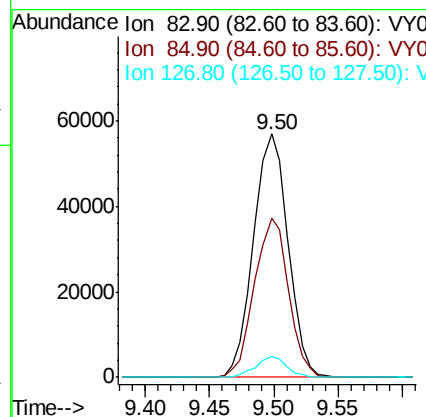
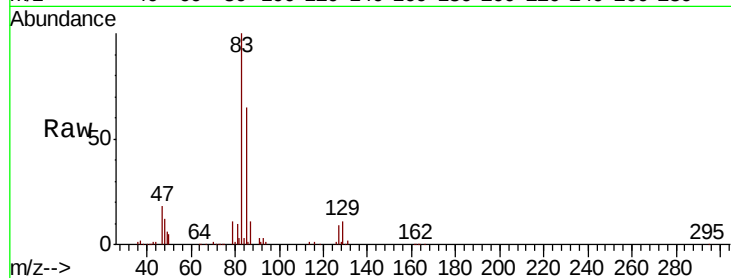
ClientSampleId :

VY1206SBS01

Tot Ion:	83	Resp:	105573
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.8	76.2
127	8.7	6.6	10.0

Manual Integrations
APPROVED

apatel
12/9/2019 11:24:11 AM



#48

Methyl methacrylate

Concen: 19.158 ug/l

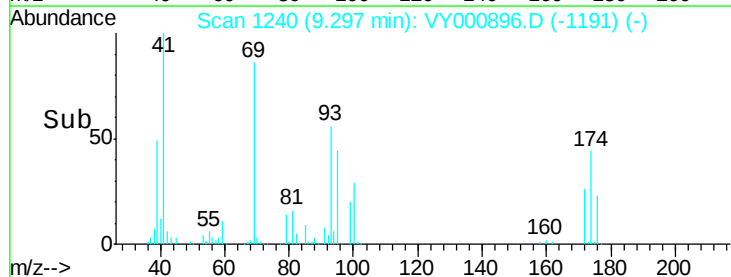
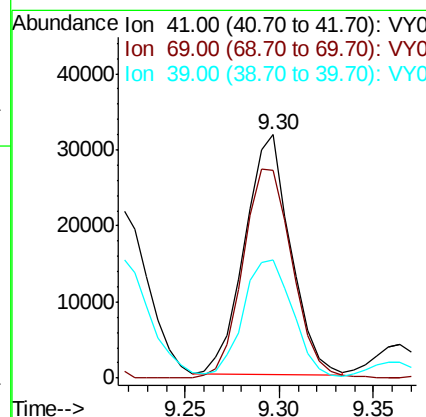
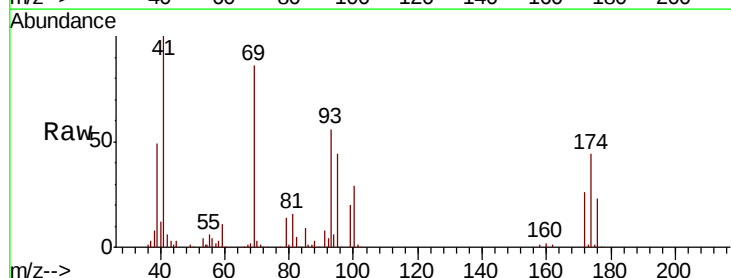
RT: 9.30 min Scan# 1240

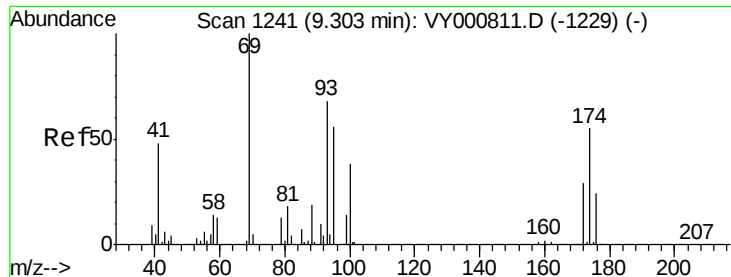
Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion:	41	Resp:	53382
Ion	Ratio	Lower	Upper
41	100		
69	93.8	70.4	105.6
39	53.6	40.9	61.3





#49

1,4-Dioxane

Concen: 371.776 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.02 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 88 Resp: 11727

Ion Ratio Lower Upper

88 100

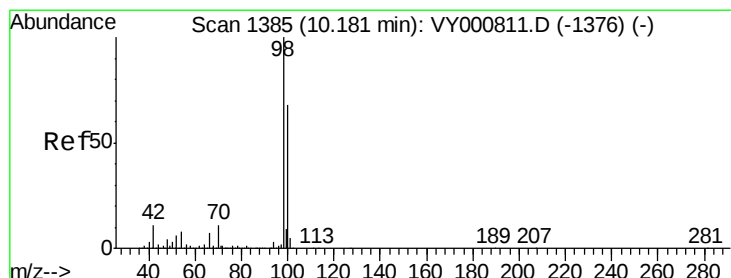
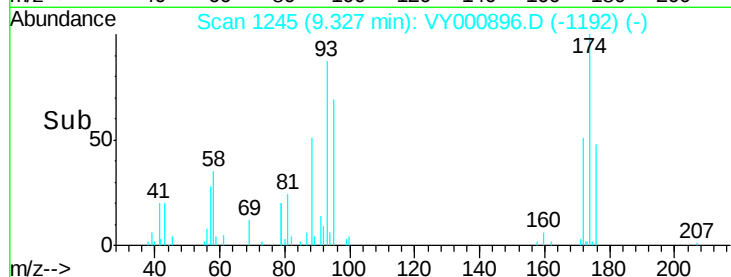
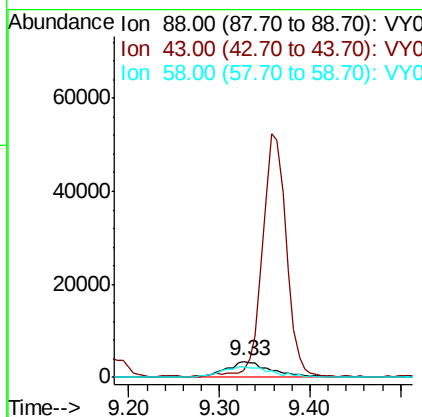
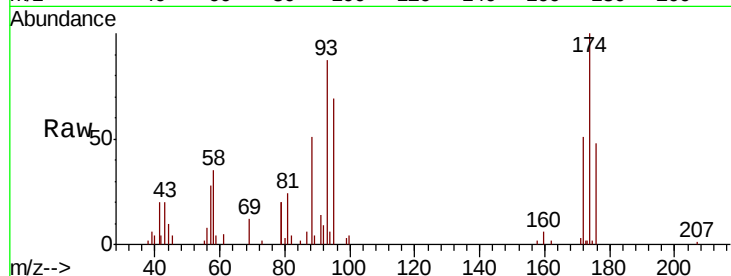
43 0.0 21.1 31.7#

58 76.8 50.7 76.1#

Manual Integrations
APPROVED

apatel

12/9/2019 11:24:11 AM



#50

Toluene-d8

Concen: 52.547 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000896.D

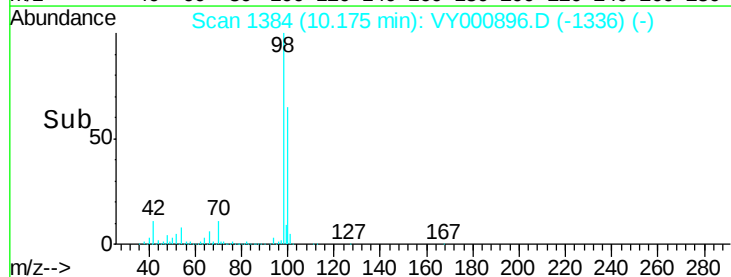
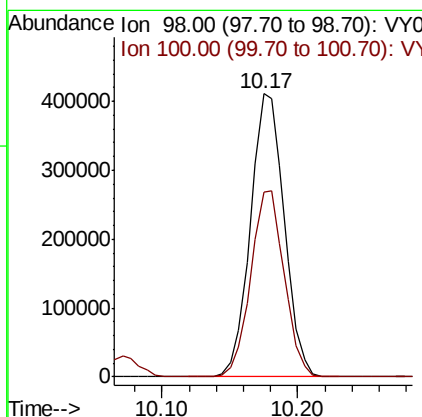
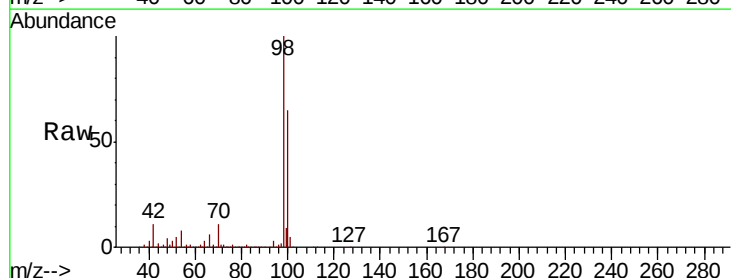
Acq: 06 Dec 2019 13:12

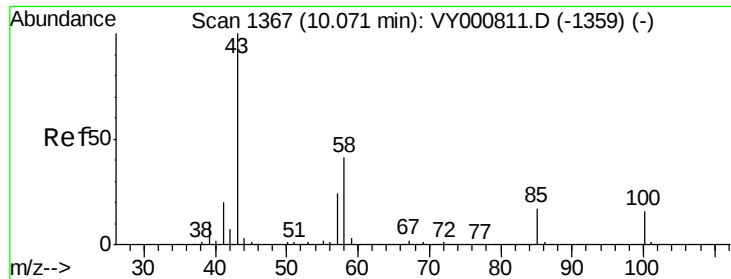
Tgt Ion: 98 Resp: 717066

Ion Ratio Lower Upper

98 100

100 65.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 96.952 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 43 Resp: 317417

Ion Ratio Lower Upper

43 100

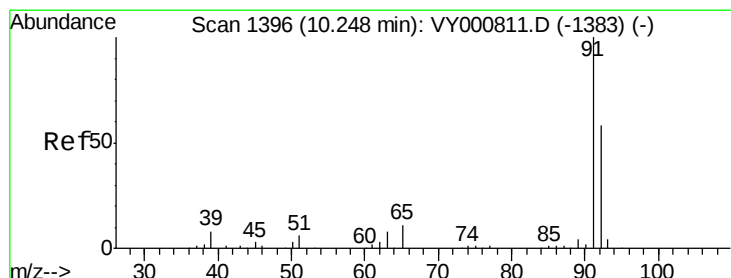
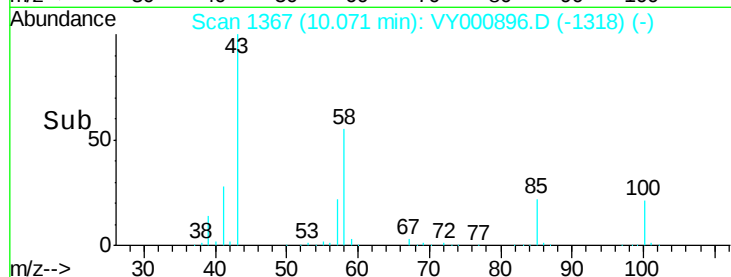
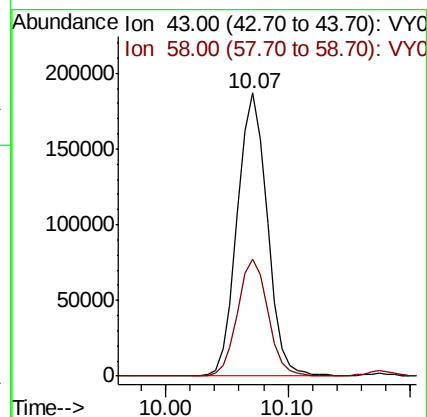
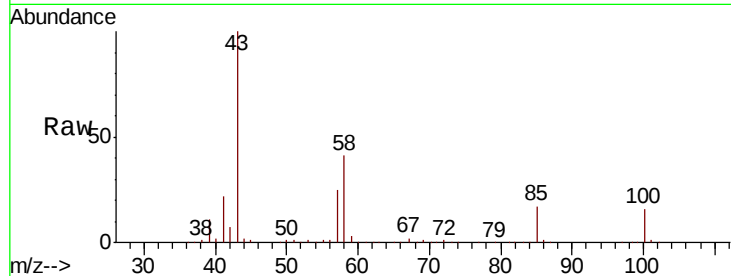
58 41.7 33.1 49.7

Manual Integrations

APPROVED

apatel

12/9/2019 11:24:11 AM



#52

Toluene

Concen: 21.438 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000896.D

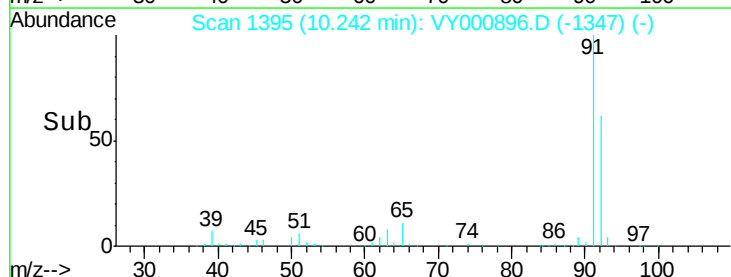
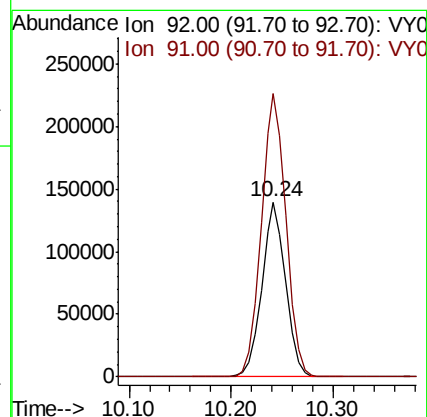
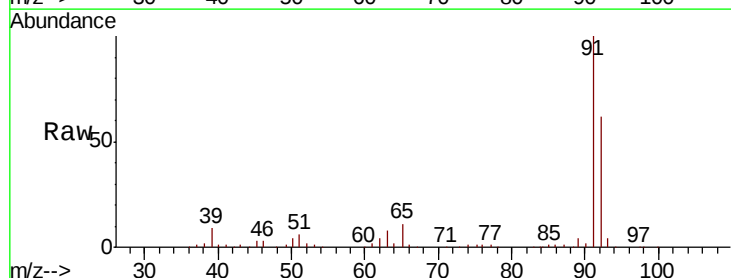
Acq: 06 Dec 2019 13:12

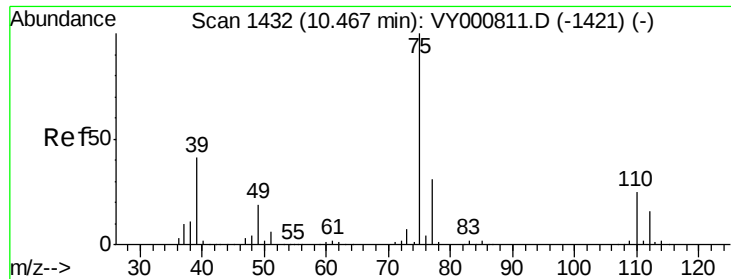
Tgt Ion: 92 Resp: 225147

Ion Ratio Lower Upper

92 100

91 168.5 136.6 204.8





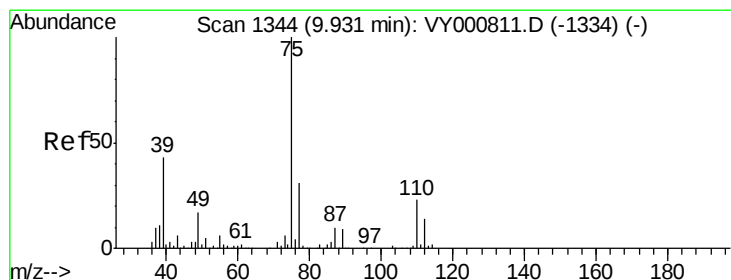
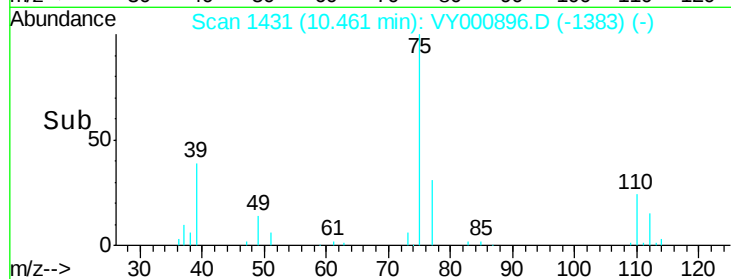
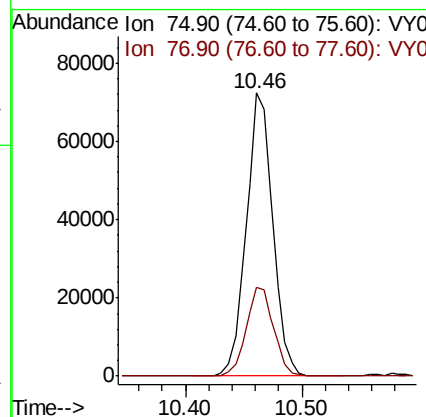
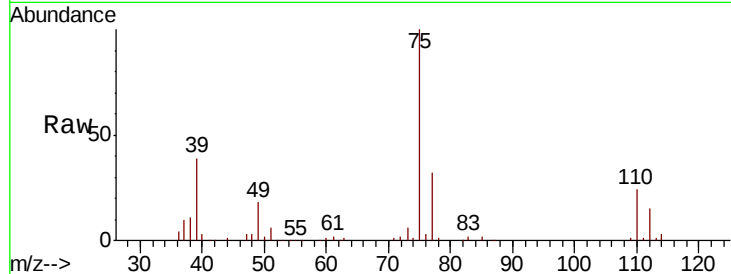
#53
t-1,3-Dichloropropene
Concen: 20.525 ug/l
RT: 10.46 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion: 75 Resp: 115320
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

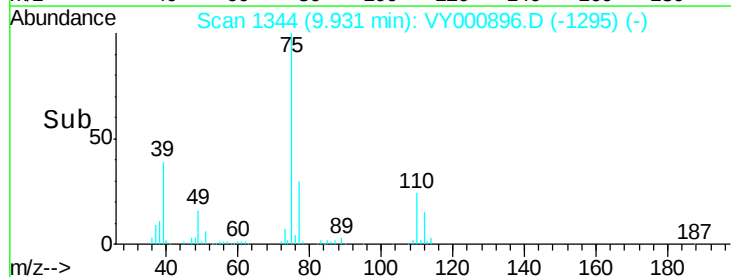
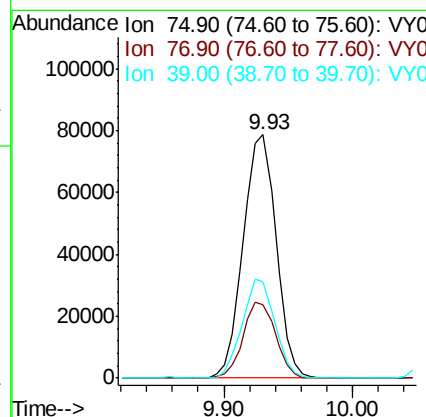
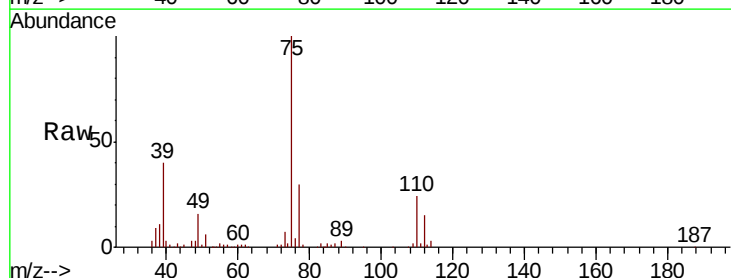
Manual Integrations
APPROVED

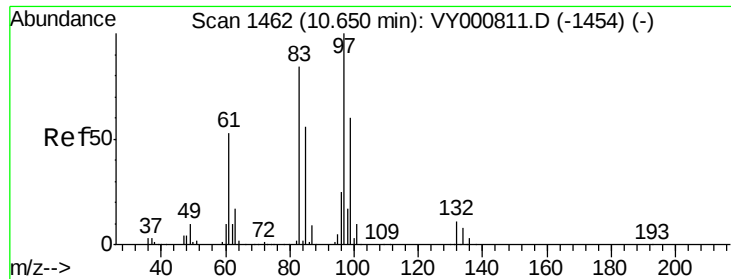
apatel
12/9/2019 11:24:11 AM



#54
cis-1,3-Dichloropropene
Concen: 20.943 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 75 Resp: 139084
Ion Ratio Lower Upper
75 100
77 29.9 24.7 37.1
39 39.4 34.5 51.7





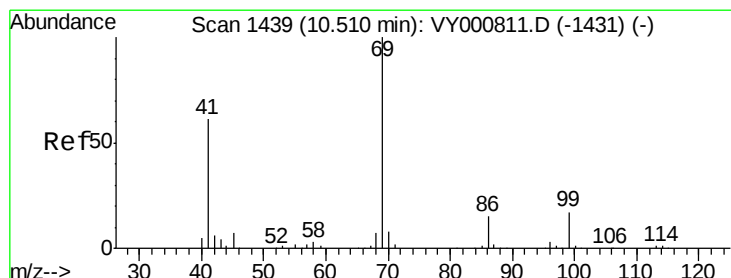
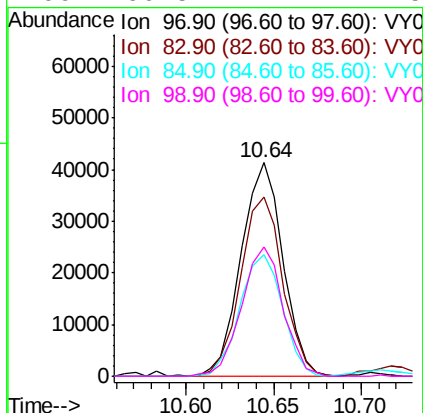
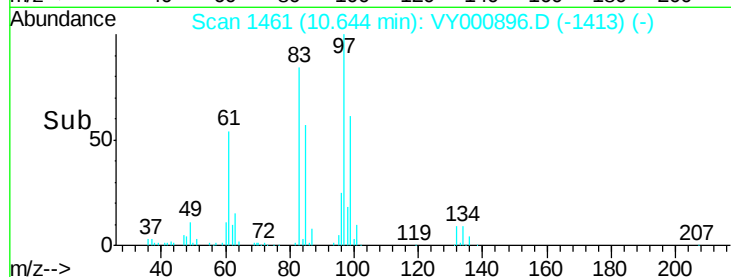
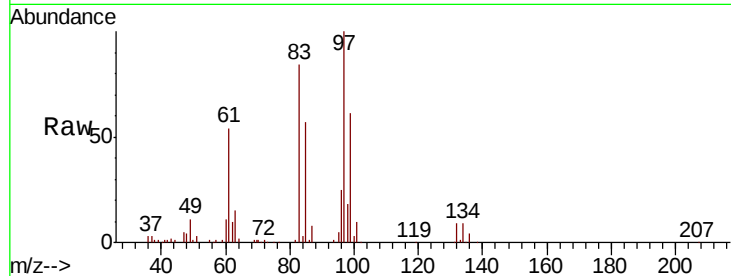
#55
1,1,2-Trichloroethane
Concen: 20.927 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion:	97	Resp:	68830
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.5	101.3
85	57.0	44.5	66.7
99	60.5	47.7	71.5

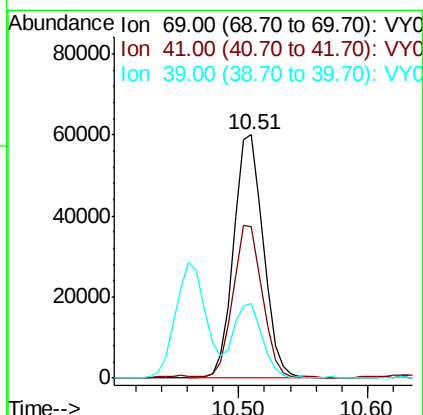
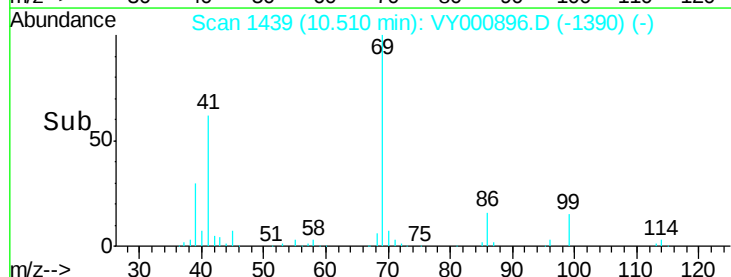
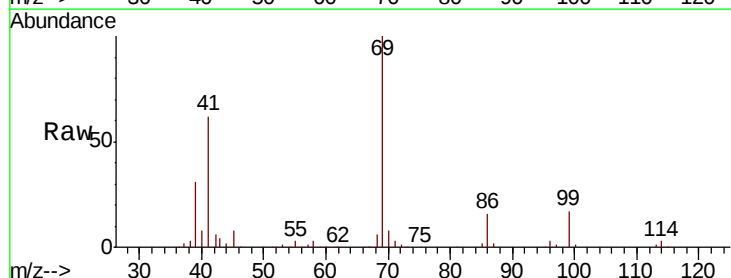
Manual Integrations
APPROVED

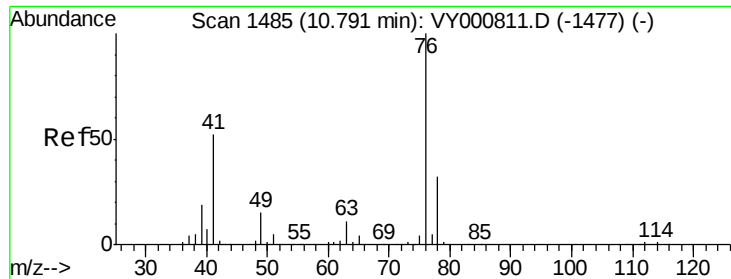
apatel
12/9/2019 11:24:11 AM



#56
Ethyl methacrylate
Concen: 20.445 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion:	69	Resp:	96197
Ion	Ratio	Lower	Upper
69	100		
41	62.2	49.0	73.6
39	30.0	23.1	34.7





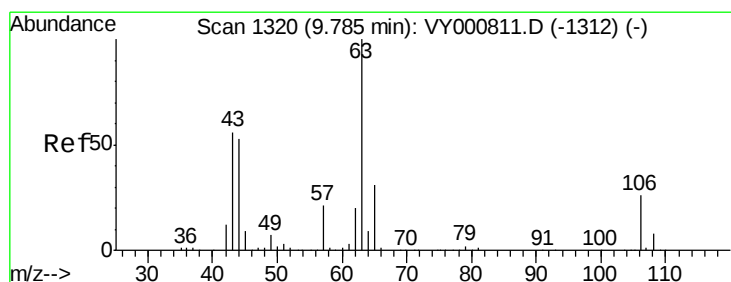
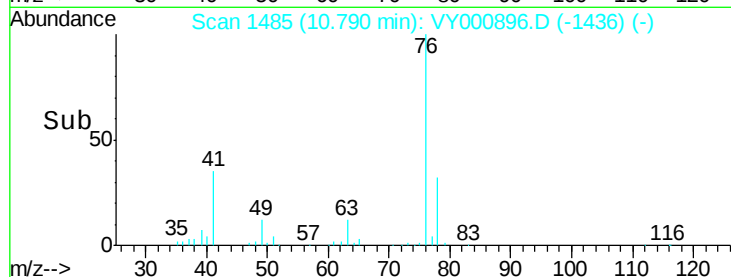
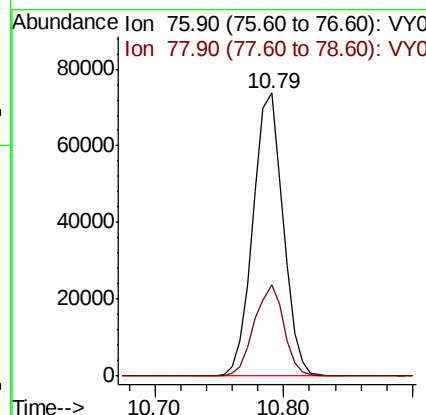
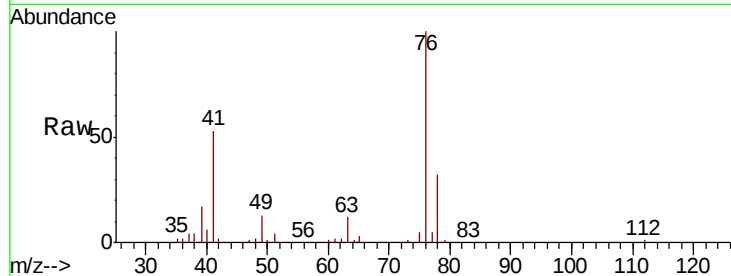
#57
 1,3-Dichloropropane
 Concen: 20.686 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion: 76 Resp: 118583
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.4 39.6

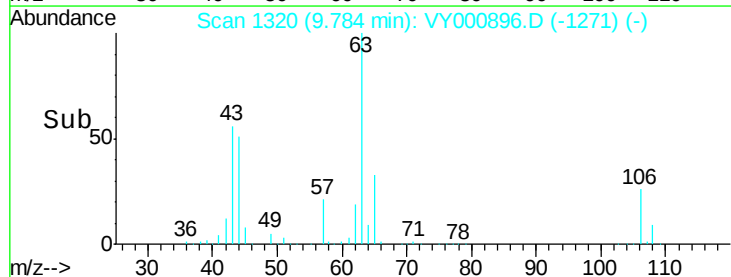
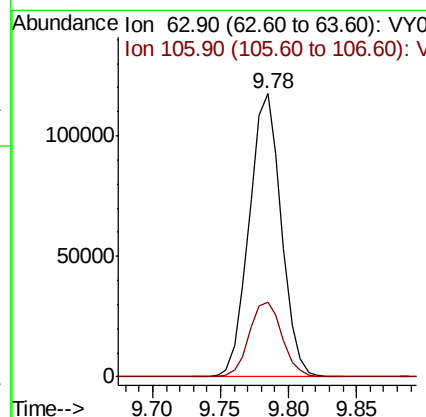
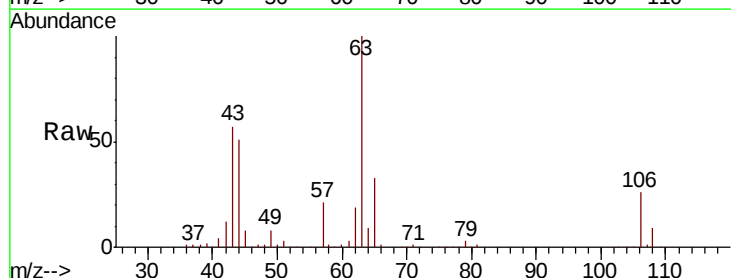
Manual Integrations
 APPROVED

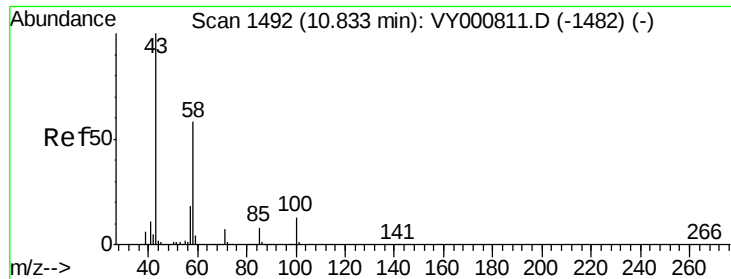
apatel
 12/9/2019 11:24:11 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.394 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Tgt Ion: 63 Resp: 194255
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.5 32.3





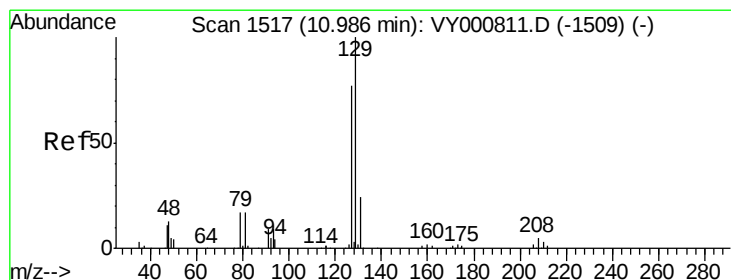
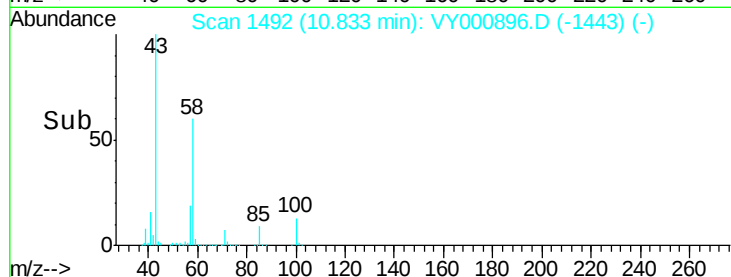
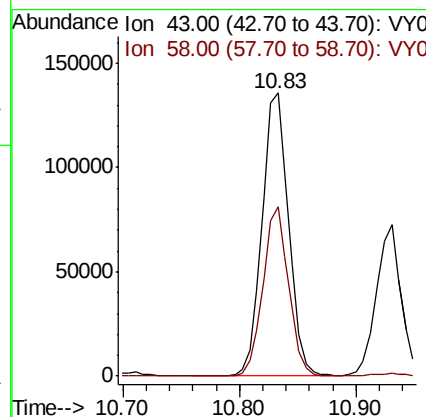
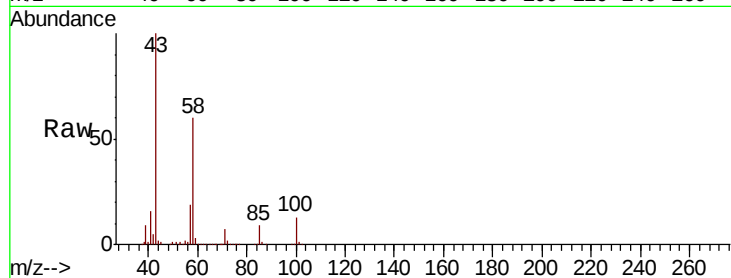
#59
2-Hexanone
Concen: 90.681 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion: 43 Resp: 216333
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.1

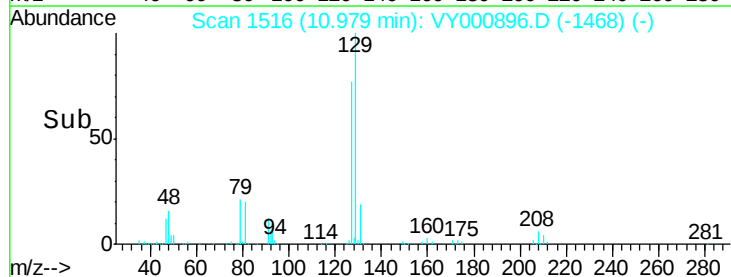
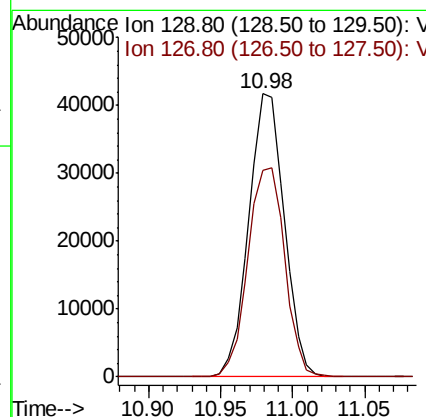
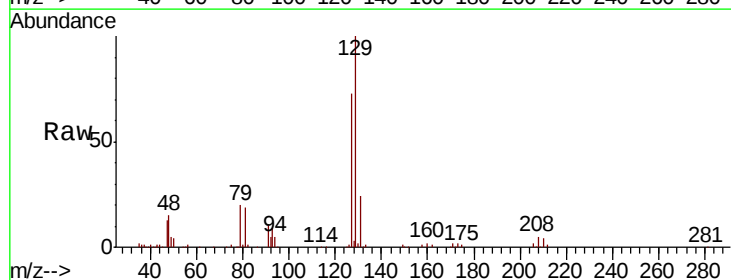
Manual Integrations
APPROVED

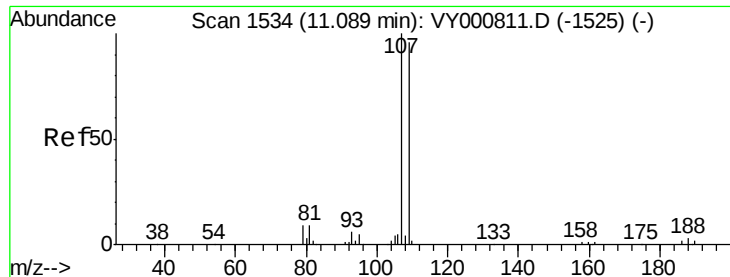
apatel
12/9/2019 11:24:11 AM



#60
Dibromochloromethane
Concen: 20.135 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 129 Resp: 71291
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2





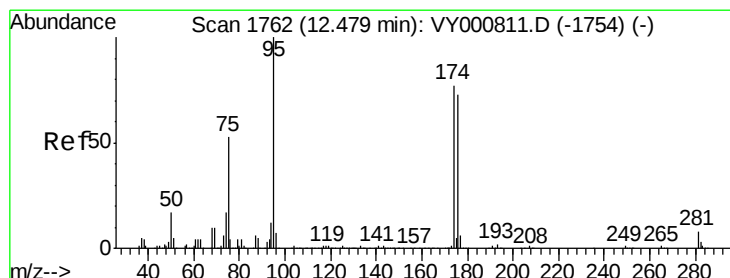
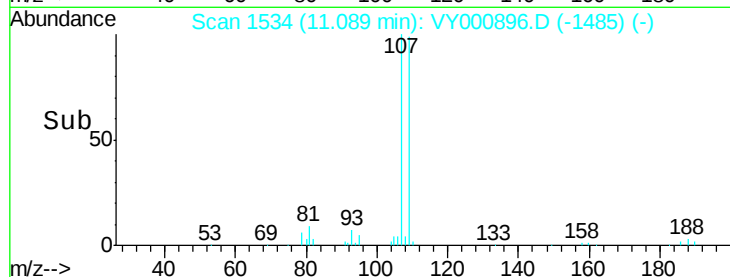
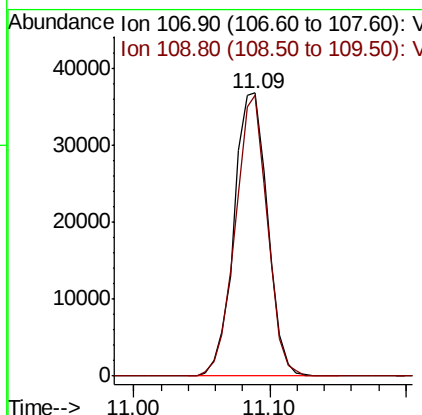
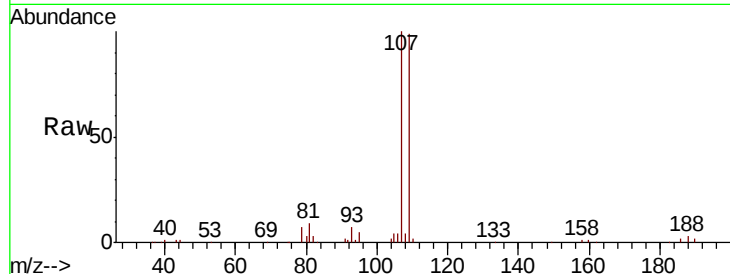
#61
 1,2-Dibromoethane
 Concen: 20.352 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.9	113.9

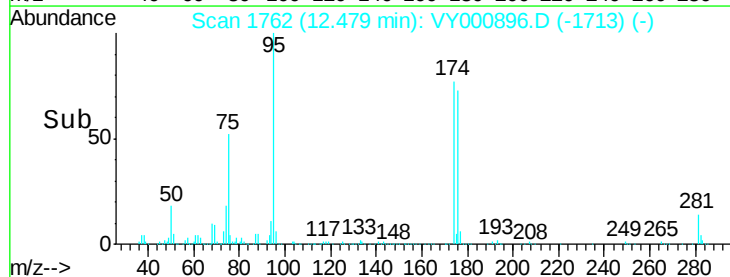
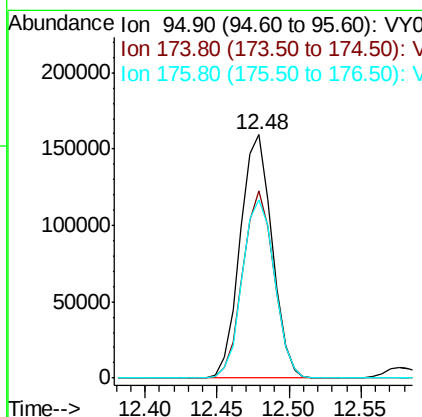
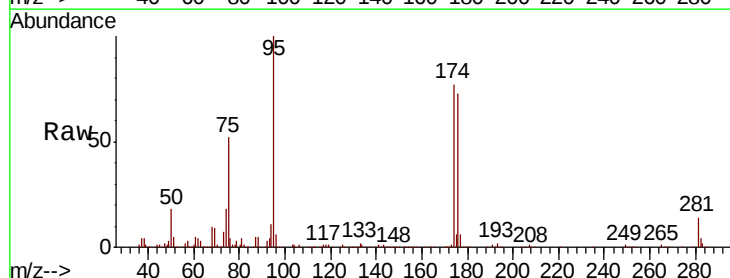
Manual Integrations
 APPROVED

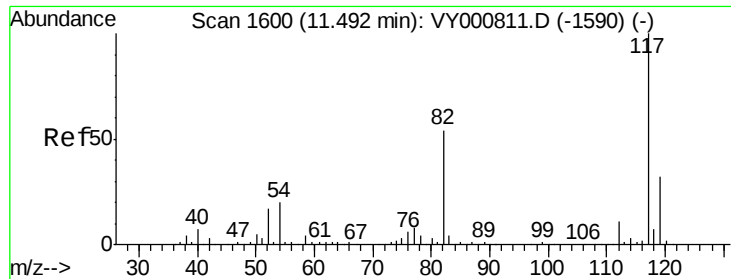
apatel
 12/9/2019 11:24:11 AM



#62
 4-Bromofluorobenzene
 Concen: 47.712 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.6
176	74.2	0.0	145.2





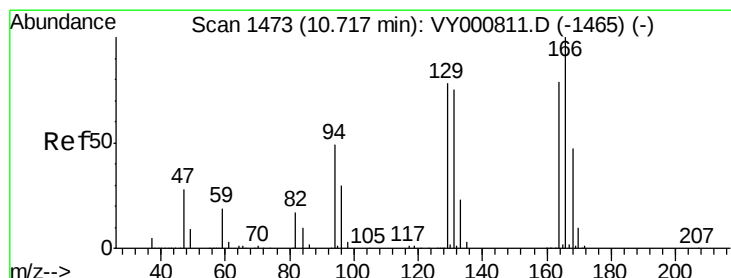
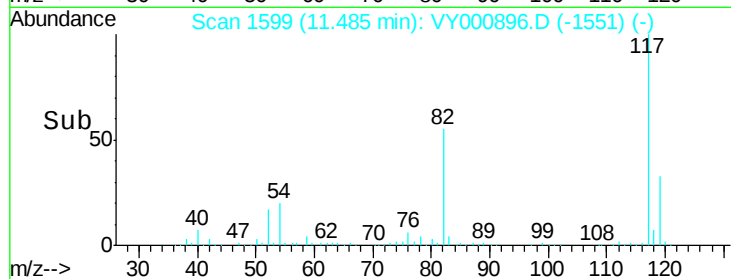
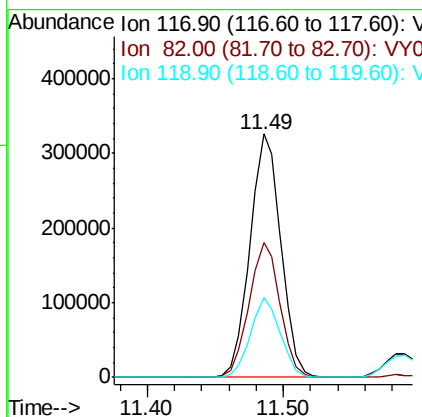
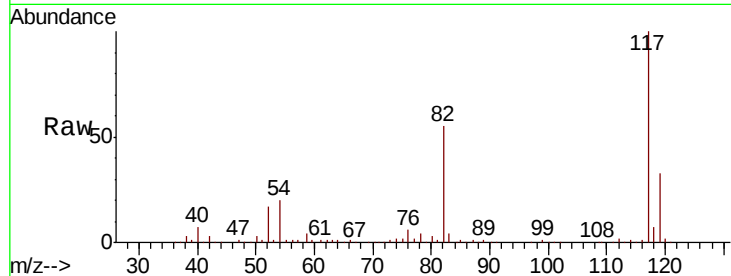
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.1	64.7
119	32.6	25.3	37.9

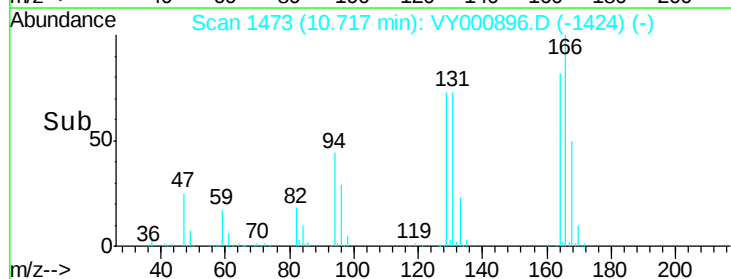
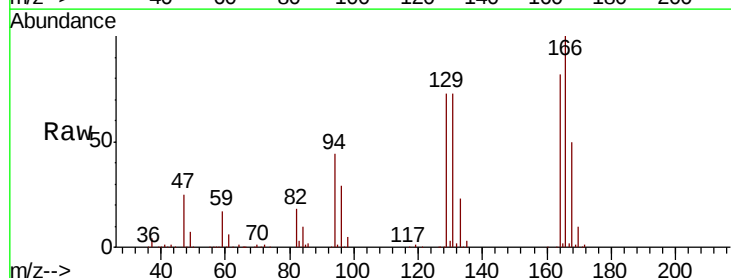
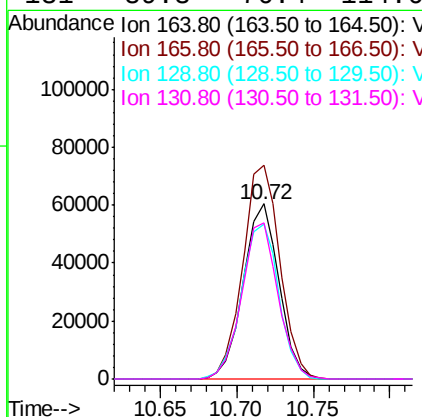
Manual Integrations
APPROVED

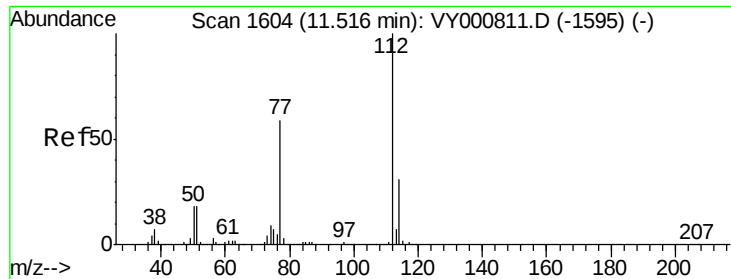
apatel
12/9/2019 11:24:11 AM



#64
Tetrachloroethene
Concen: 21.816 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	101.8	152.8
129	89.0	79.3	118.9
131	89.3	76.4	114.6





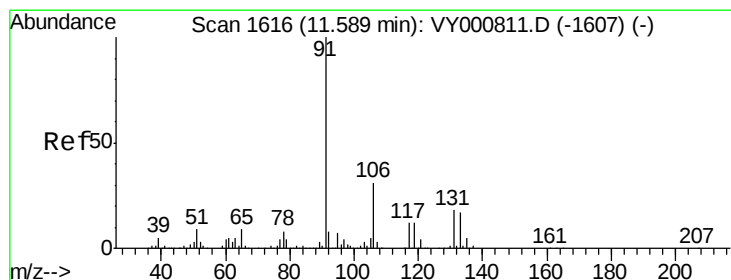
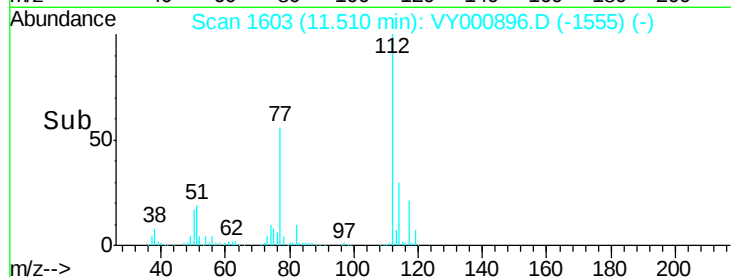
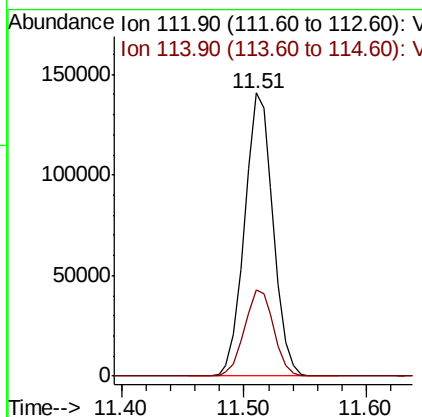
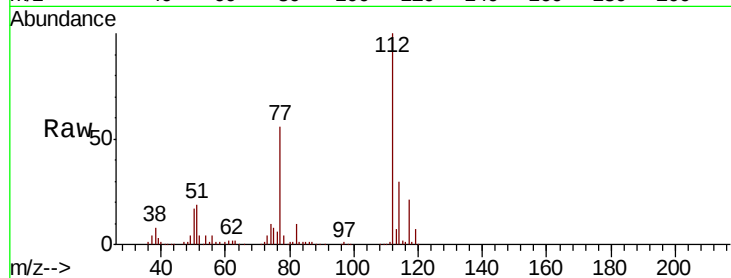
#65
Chlorobenzene
Concen: 21.050 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.4	25.1	37.7

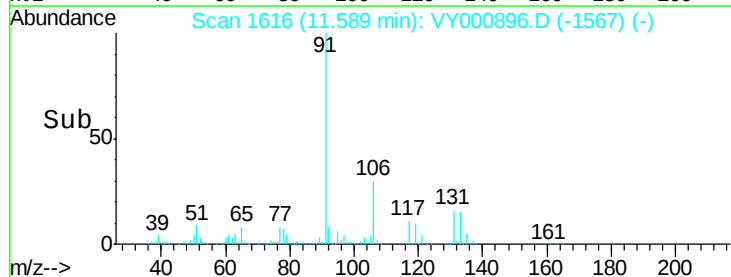
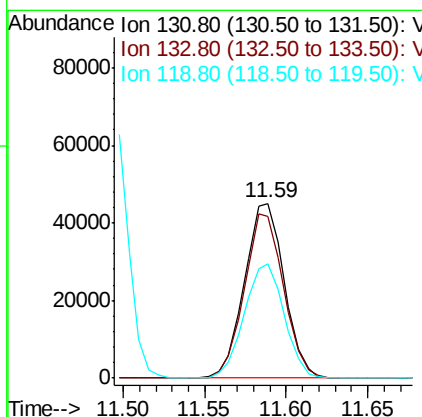
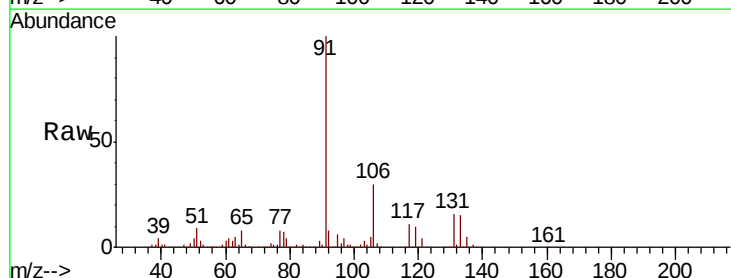
Manual Integrations
APPROVED

apatel
12/9/2019 11:24:11 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.900 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.5	47.4	142.2
119	65.9	33.8	101.3





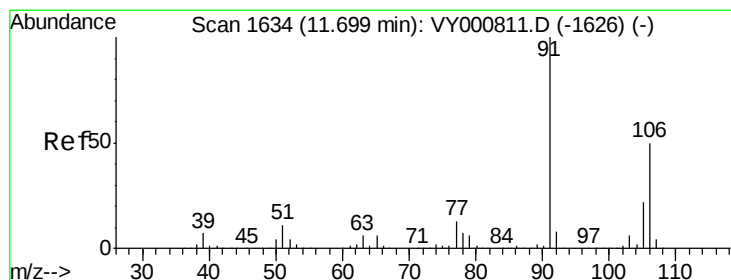
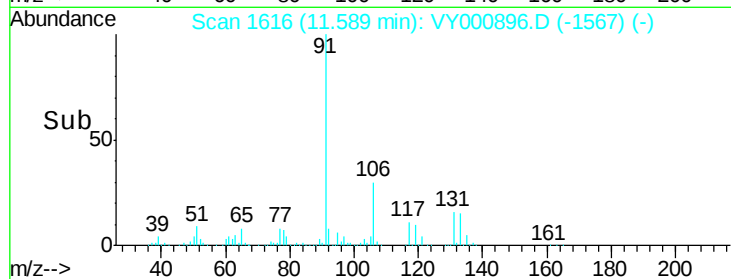
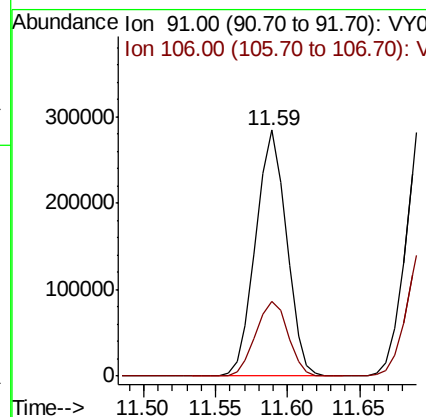
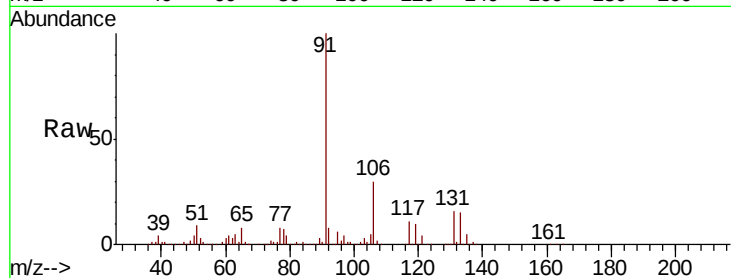
#67
Ethyl Benzene
Concen: 21.037 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion: 91 Resp: 422872
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6

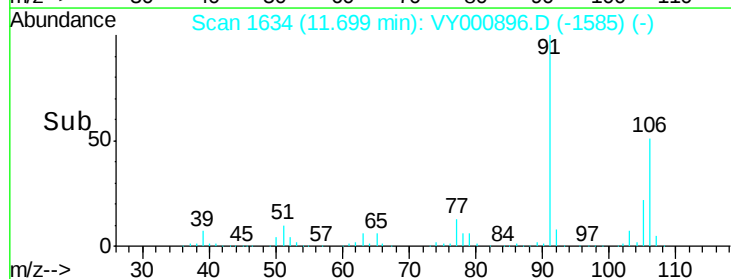
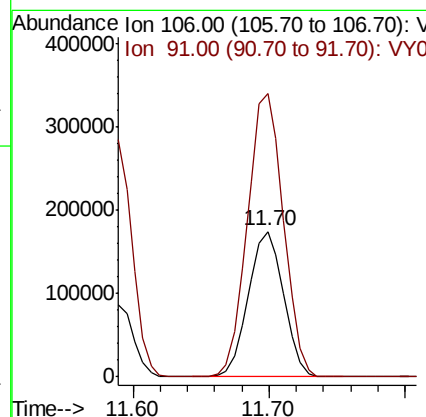
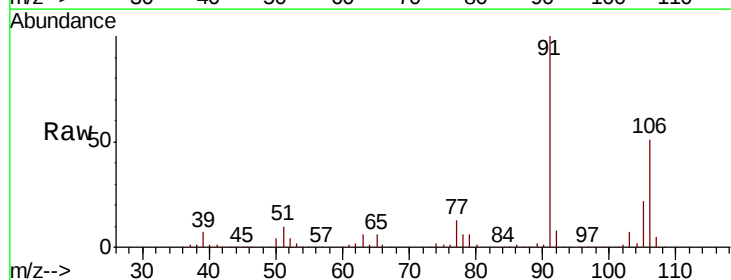
Manual Integrations
APPROVED

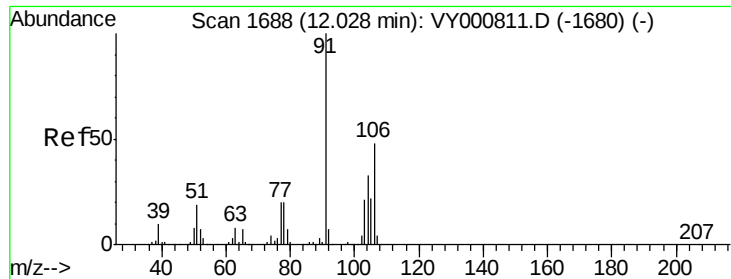
apatel
12/9/2019 11:24:11 AM



#68
m/p-Xylenes
Concen: 41.932 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion: 106 Resp: 316373
Ion Ratio Lower Upper
106 100
91 198.9 159.6 239.4





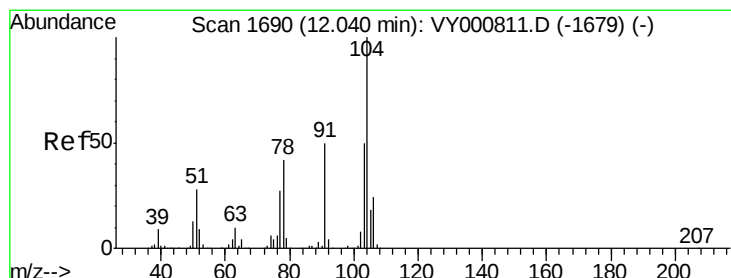
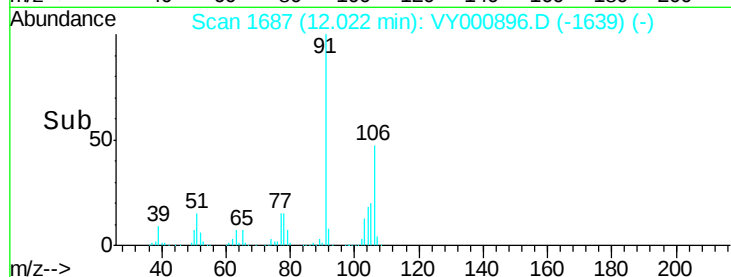
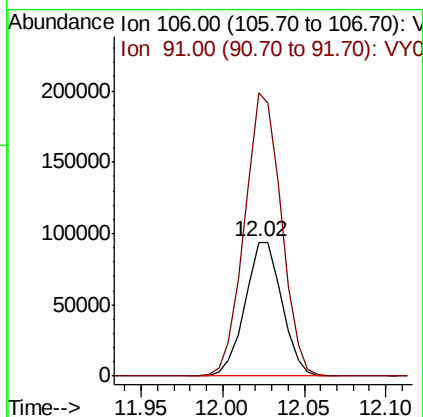
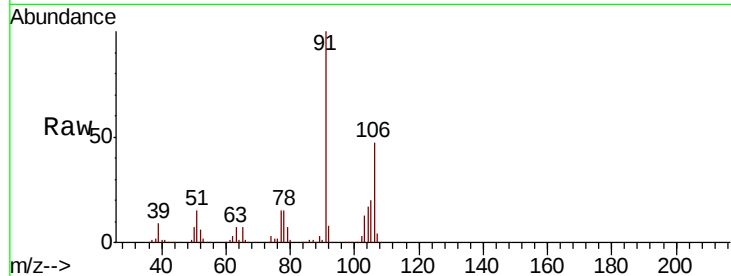
#69
o-Xylene
Concen: 21.125 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		148612		
91	209.8	106.1	318.1		

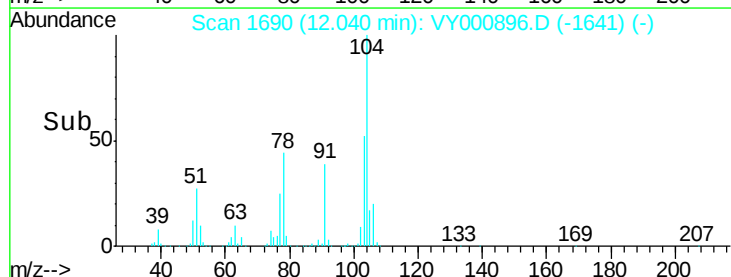
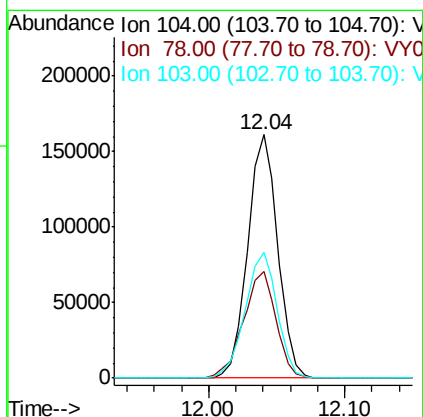
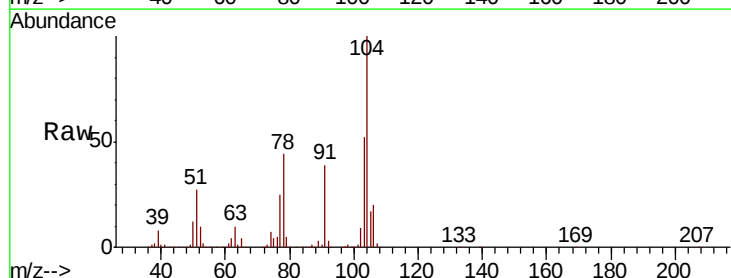
Manual Integrations
APPROVED

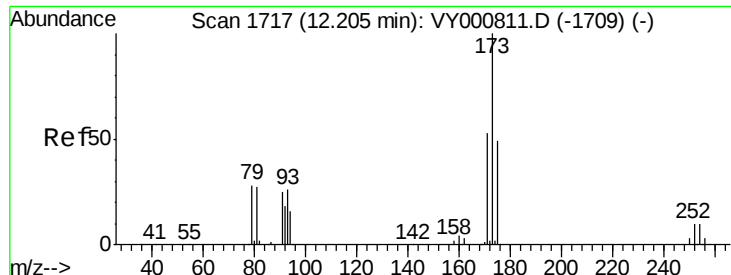
apatel
12/9/2019 11:24:11 AM



#70
Styrene
Concen: 20.714 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		249518		
78	47.7	38.2	57.4		
103	55.2	43.4	65.0		





#71

Bromoform

Concen: 19.878 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion:173 Resp: 40779

Ion Ratio Lower Upper

173 100

175 48.1 24.5 73.5

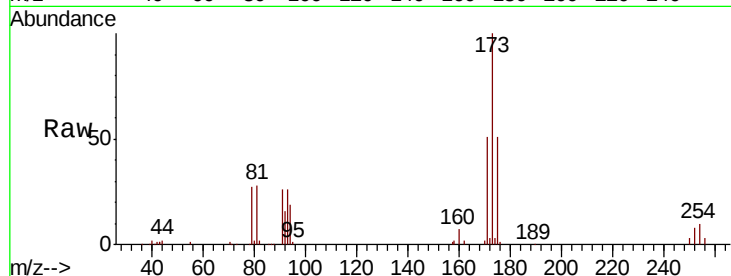
254 0.1 0.0 0.0#

Manual Integrations

APPROVED

apatel

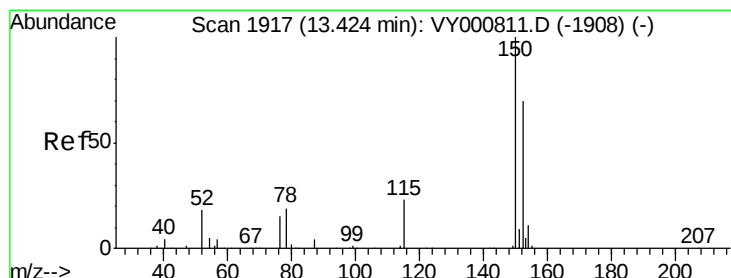
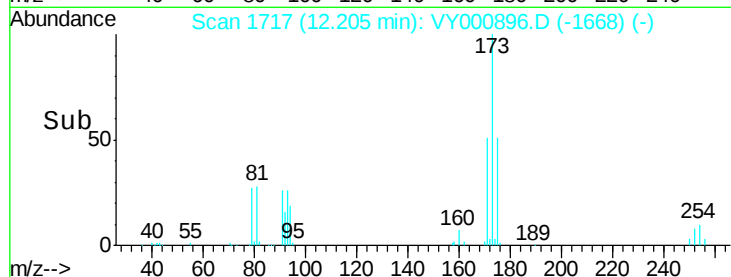
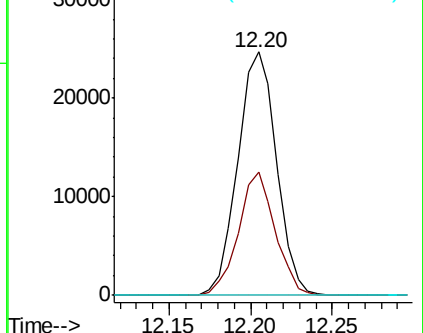
12/9/2019 11:24:11 AM



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: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

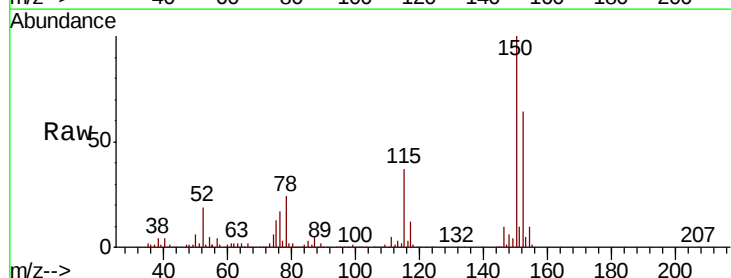
Tgt Ion:152 Resp: 244215

Ion Ratio Lower Upper

152 100

115 59.5 29.3 87.8

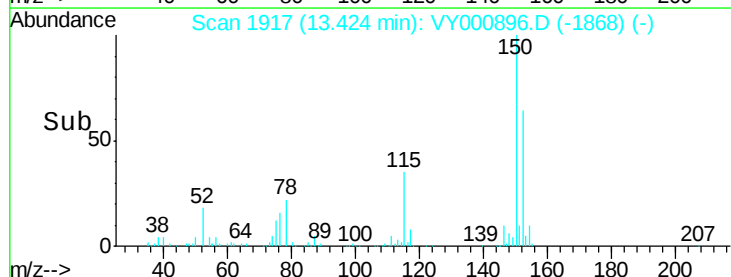
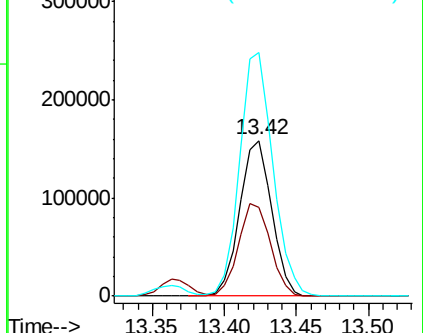
150 162.9 0.0 351.2

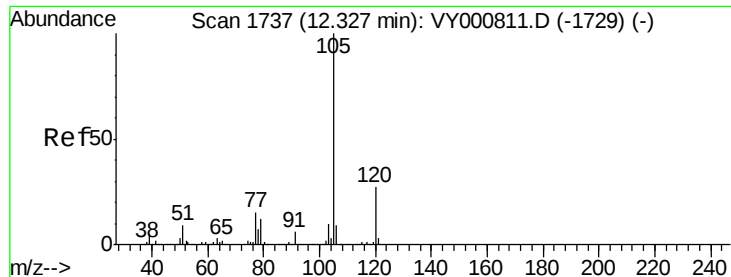


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.403 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 105 Resp: 396735

Ion Ratio Lower Upper

105 100

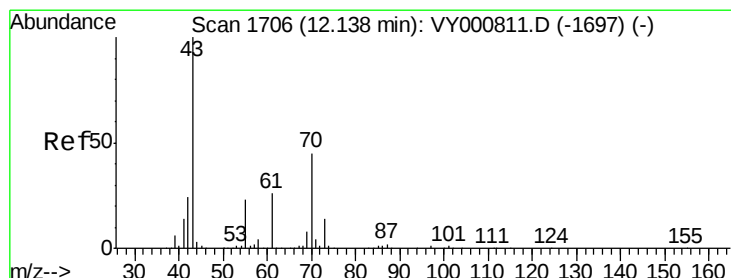
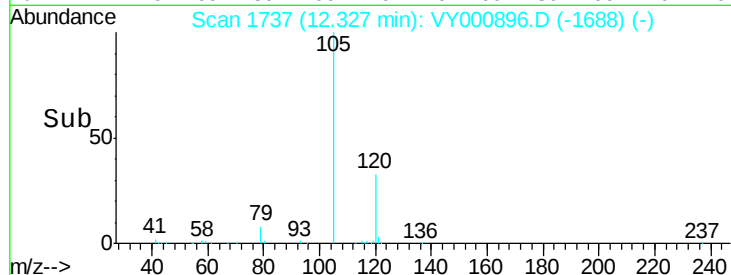
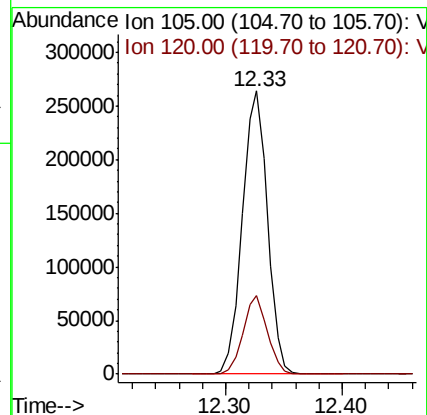
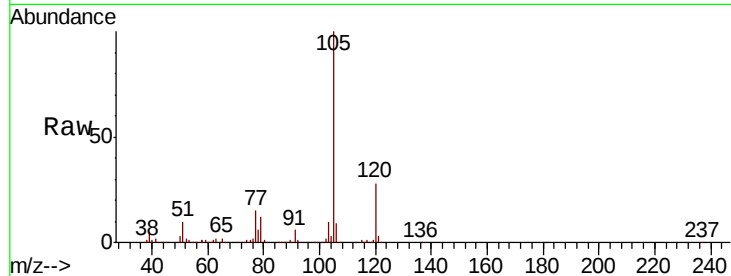
120 26.9 13.4 40.2

Manual Integrations

APPROVED

apatel

12/9/2019 11:24:11 AM



#74

N-ethyl acetate

Concen: 19.329 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion: 43 Resp: 104615

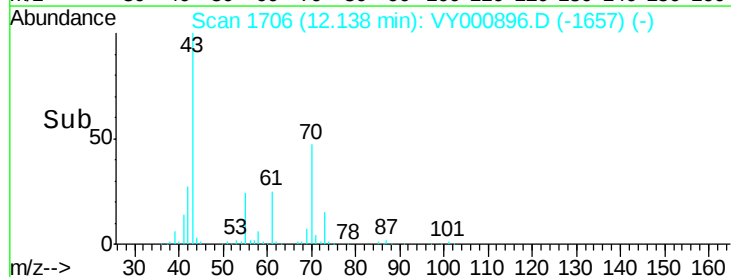
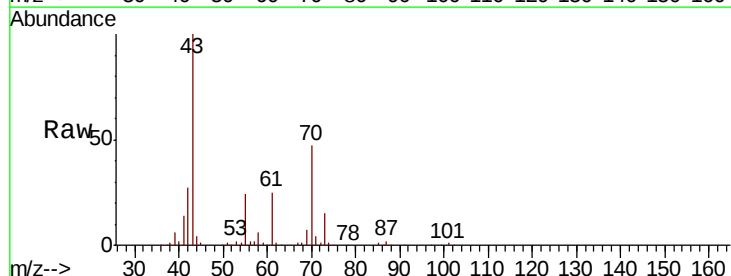
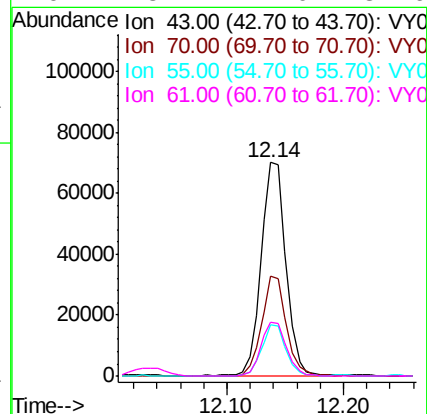
Ion Ratio Lower Upper

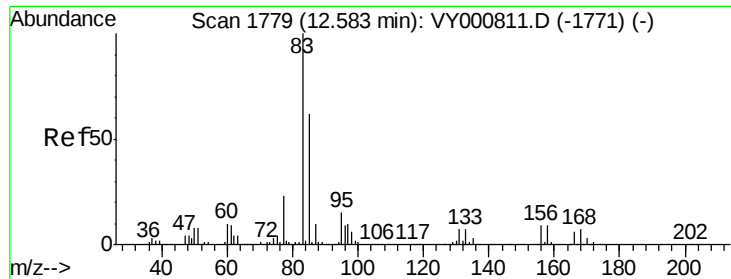
43 100

70 46.1 36.6 54.8

55 23.6 18.8 28.2

61 25.7 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.359 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

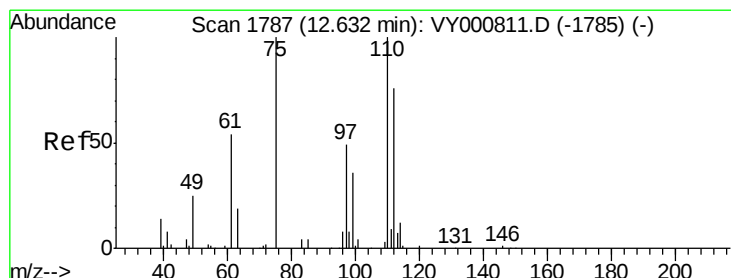
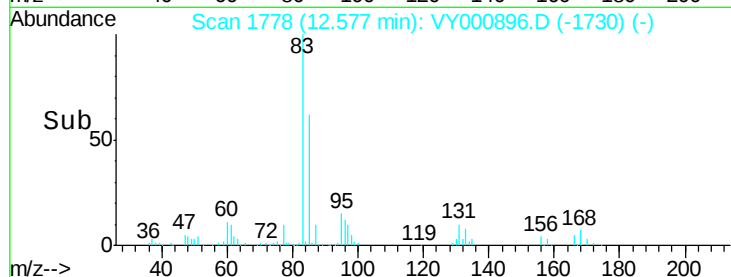
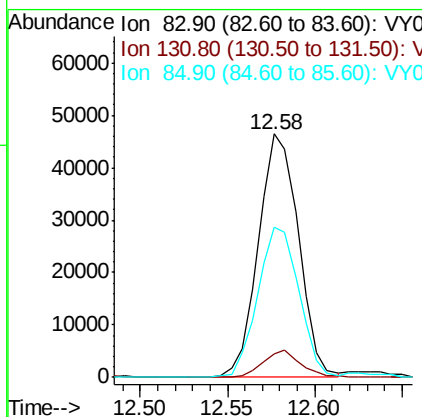
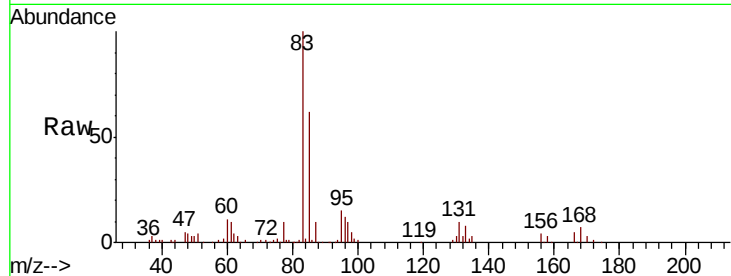
ClientSampleId :

VY1206SBS01

Tot Ion:	83	Resp:	74172
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.3	13.1
85	63.4	32.4	97.0

Manual Integrations
APPROVED

apatel
12/9/2019 11:24:11 AM



#76

1,2,3-Trichloropropane

Concen: 18.650 ug/l m

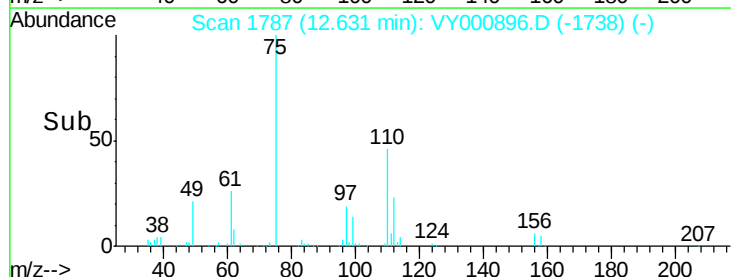
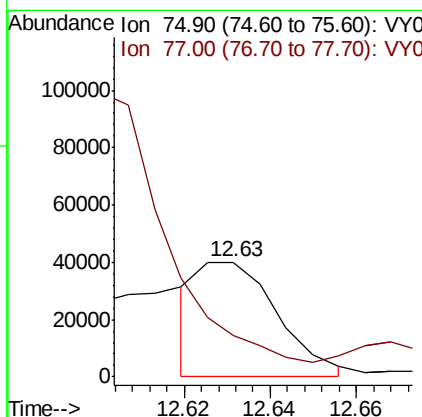
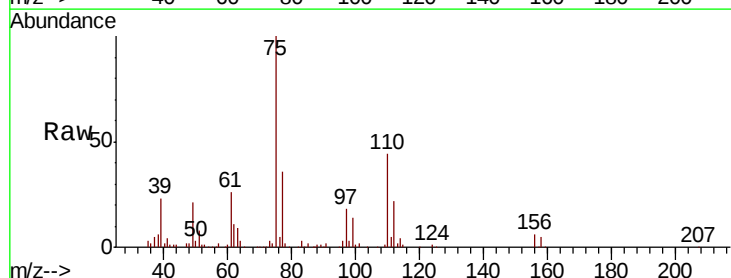
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion:	75	Resp:	51603
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.634 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

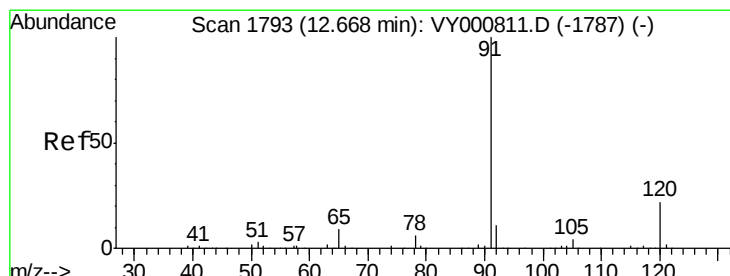
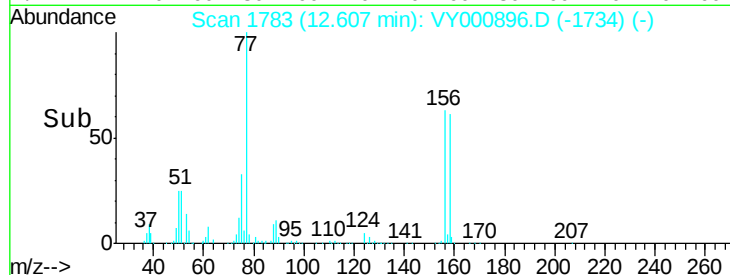
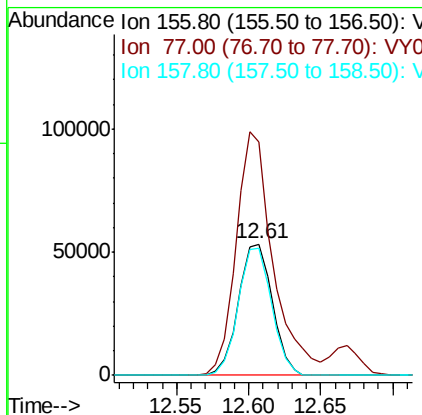
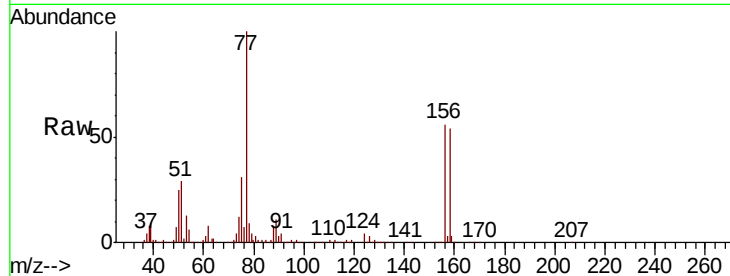
ClientSampleId :

VY1206SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	202.6	102.6	307.7	
158	95.9	47.6	142.8	

Manual Integrations
APPROVED

apatel
12/9/2019 11:24:11 AM



#78

n-propylbenzene

Concen: 20.786 ug/l

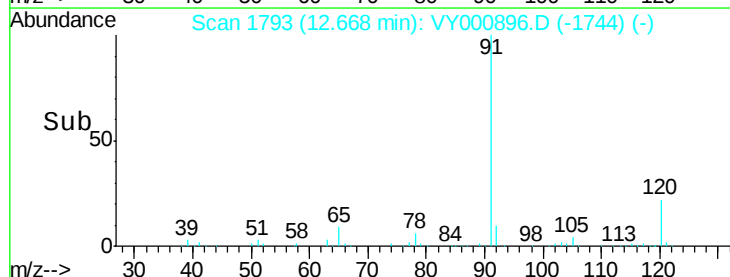
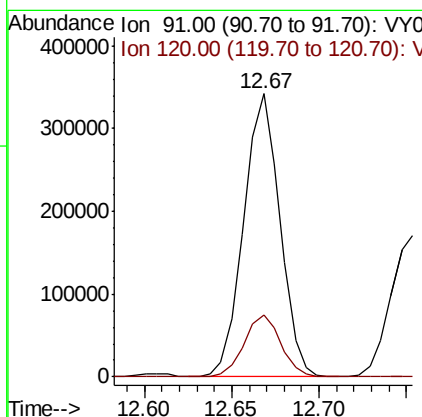
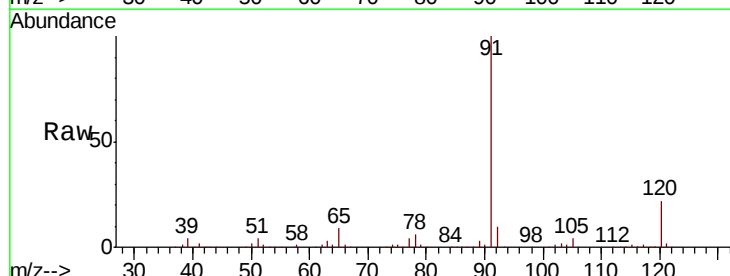
RT: 12.67 min Scan# 1793

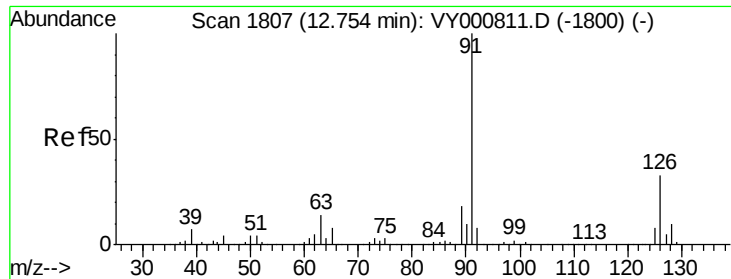
Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.9	11.2	33.5	





#79

2-Chlorotoluene

Concen: 20.302 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion: 91 Resp: 266296

Ion Ratio Lower Upper

91 100

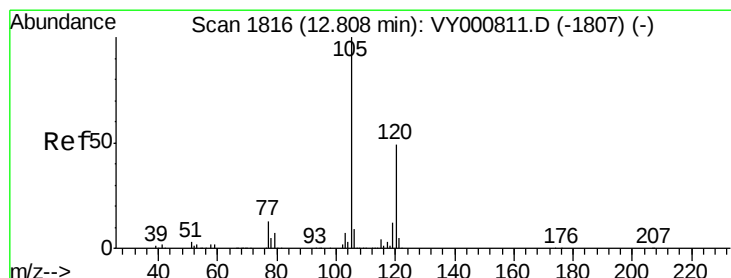
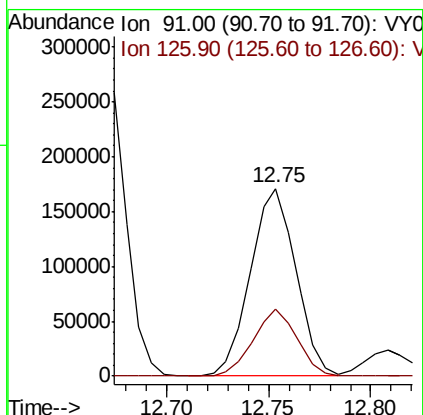
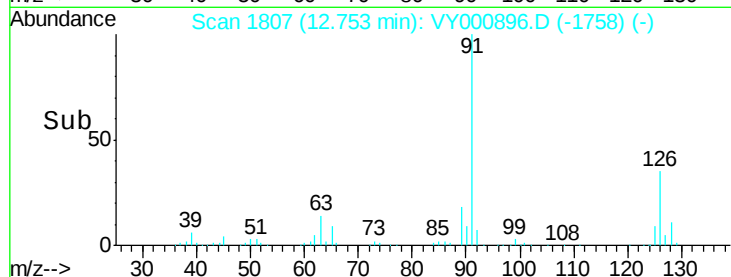
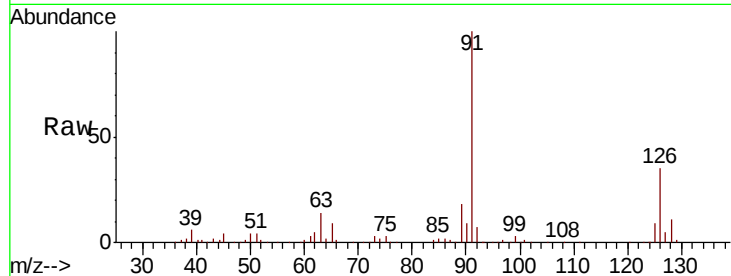
126 34.4 17.0 51.0

Manual Integrations

APPROVED

apatel

12/9/2019 11:24:11 AM



#80

1,3,5-Trimethylbenzene

Concen: 20.614 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000896.D

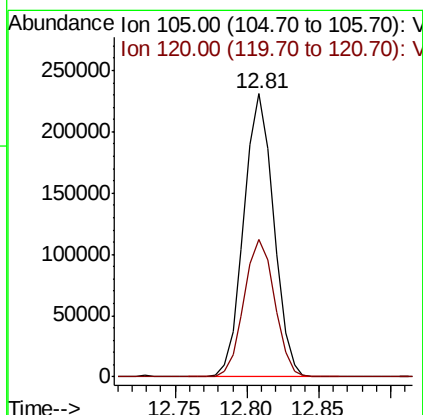
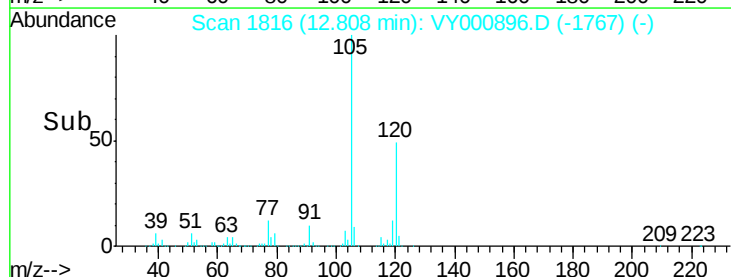
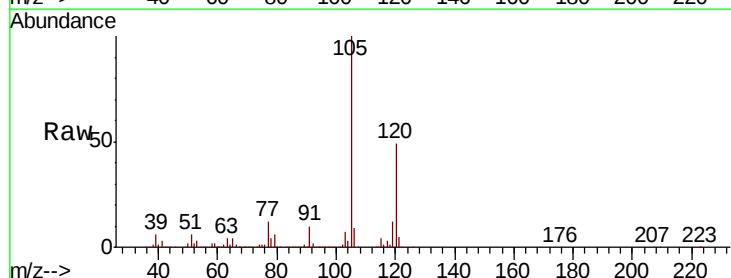
Acq: 06 Dec 2019 13:12

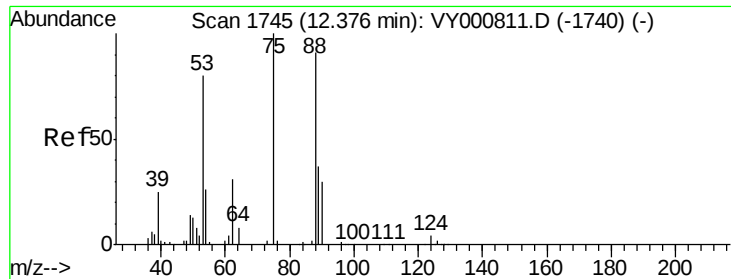
Tgt Ion: 105 Resp: 331883

Ion Ratio Lower Upper

105 100

120 49.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.045 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

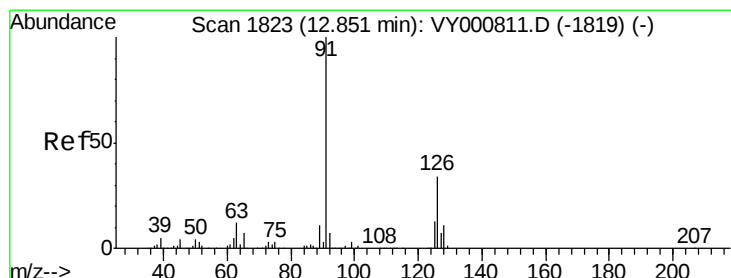
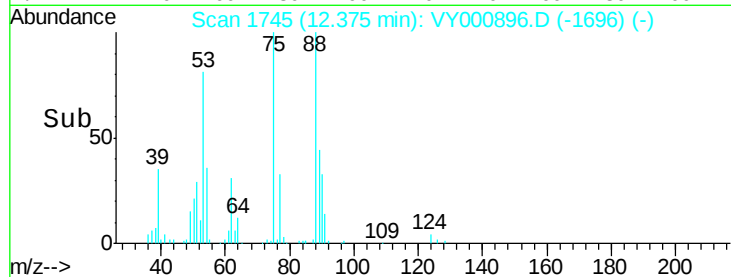
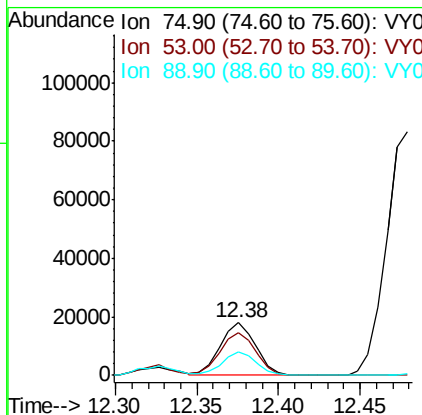
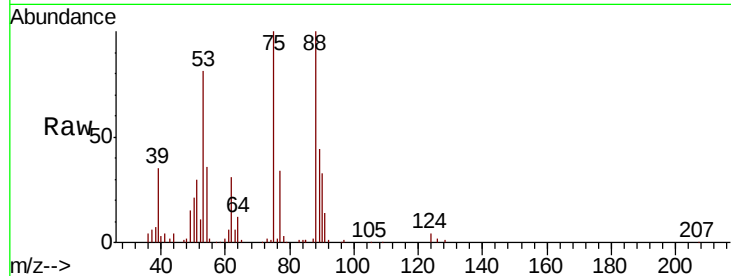
ClientSampleId :

VY1206SBS01

Tot Ion:	75	Resp:	26827
Ion Ratio	Lower	Upper	
75	100		
53	83.4	64.6	96.8
89	44.2	33.6	50.4

Manual Integrations
APPROVED

apatel
12/9/2019 11:24:11 AM



#82

4-Chlorotoluene

Concen: 20.915 ug/l

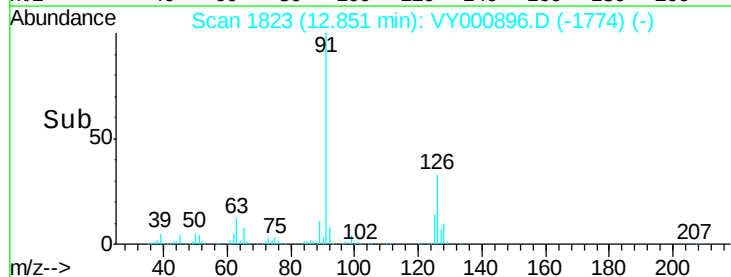
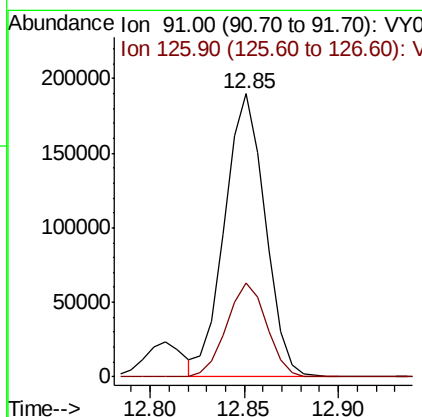
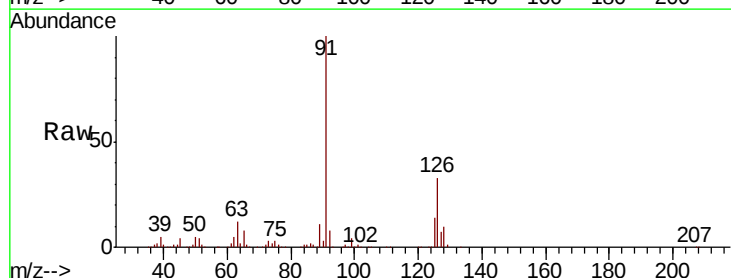
RT: 12.85 min Scan# 1823

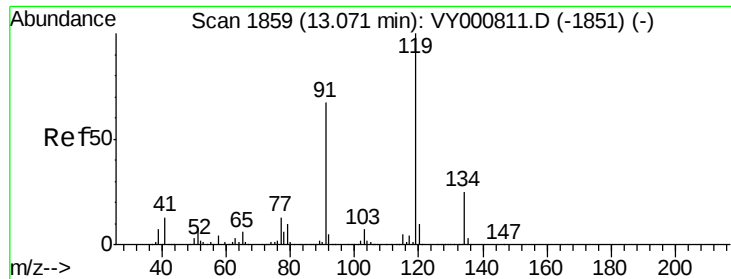
Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion:	91	Resp:	282635
Ion Ratio	Lower	Upper	
91	100		
126	32.9	17.3	51.9





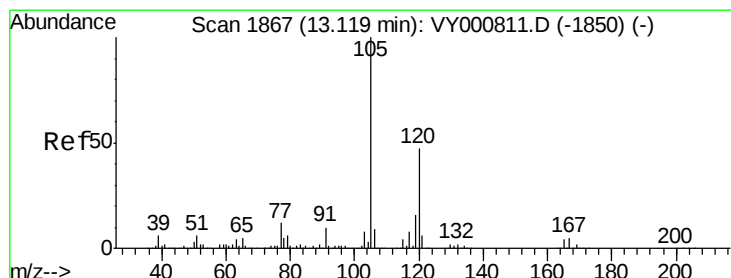
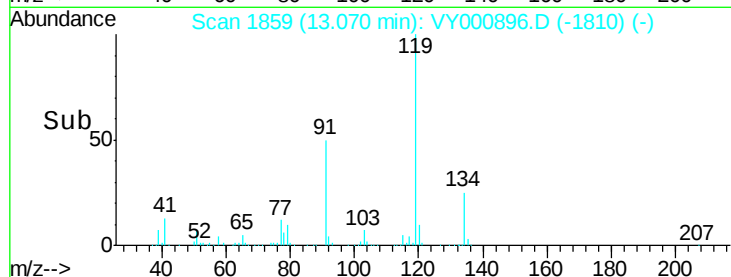
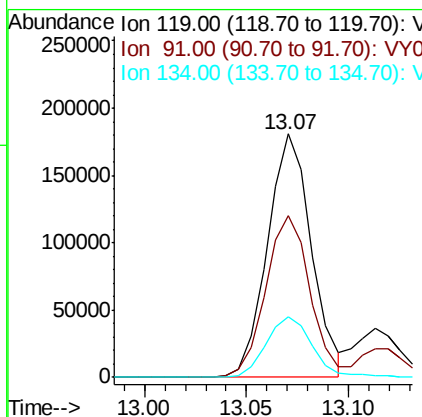
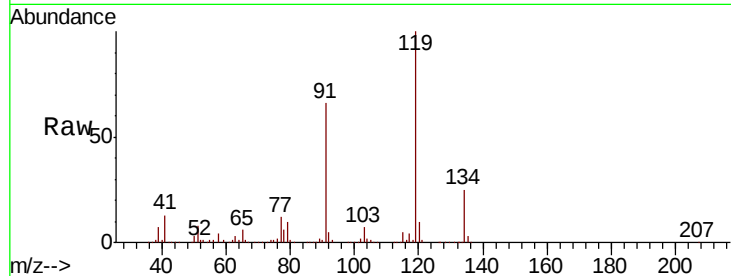
#83
tert-Butylbenzene
Concen: 20.046 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	271339		
91	66.8	32.3	96.8	
134	26.3	12.9	38.7	

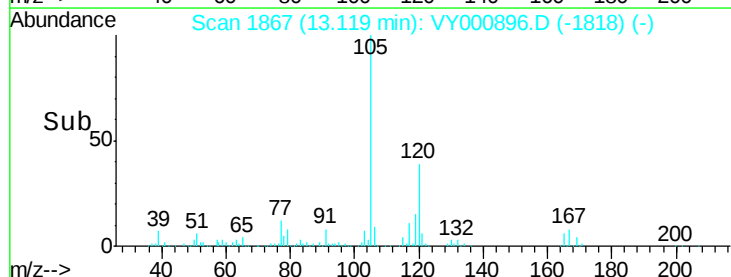
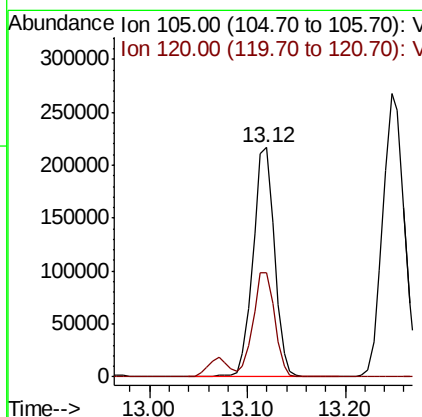
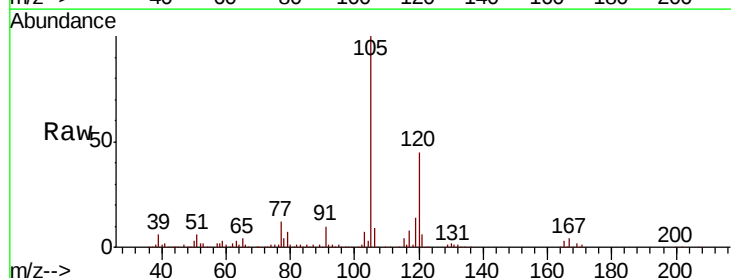
Manual Integrations
APPROVED

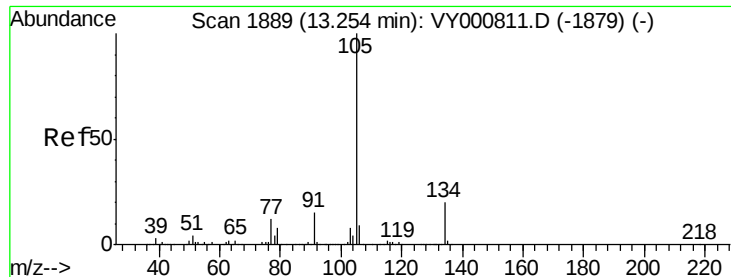
apatel
12/9/2019 11:24:11 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.494 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	330117		
120	45.9	22.6	67.8	





#85

sec-Butylbenzene

Concen: 20.636 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tot Ion:105 Resp: 406232

Ion Ratio Lower Upper

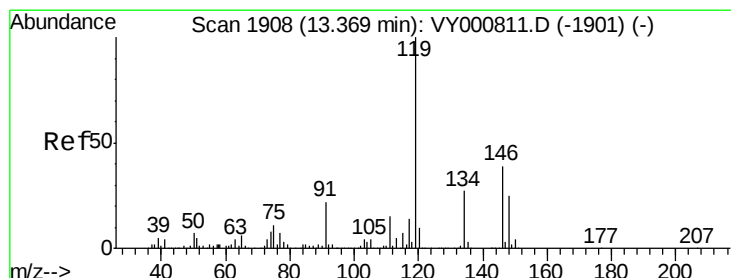
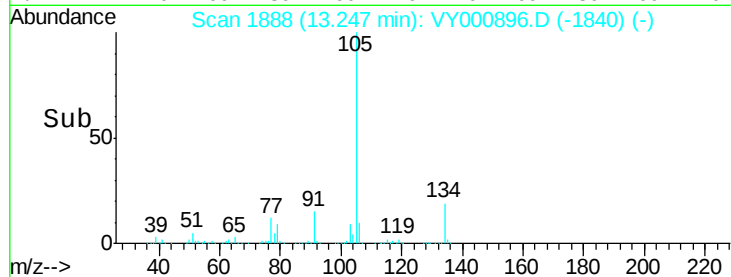
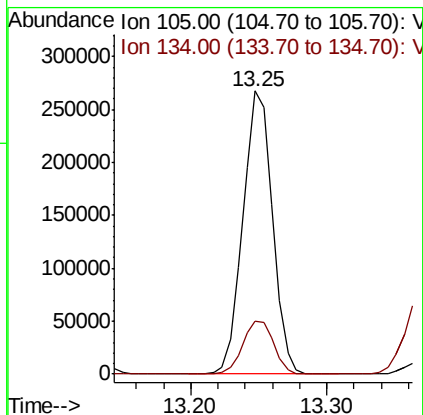
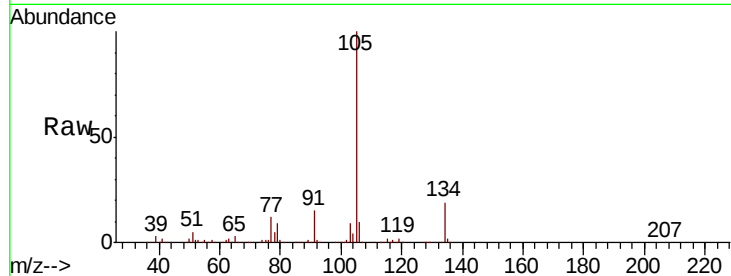
105 100

134 19.7 10.1 30.1

Manual Integrations
APPROVED

apatel

12/9/2019 11:24:11 AM



#86

p-Isopropyltoluene

Concen: 20.702 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

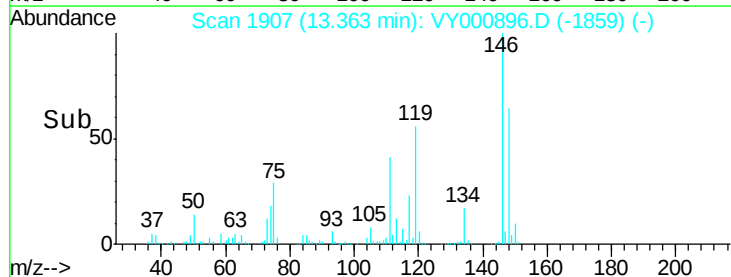
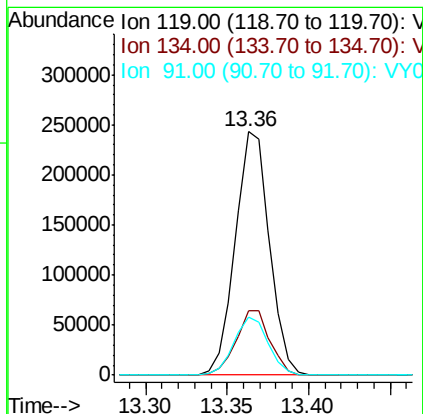
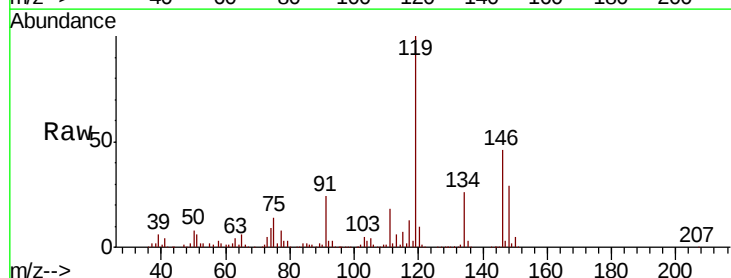
Tgt Ion:119 Resp: 354467

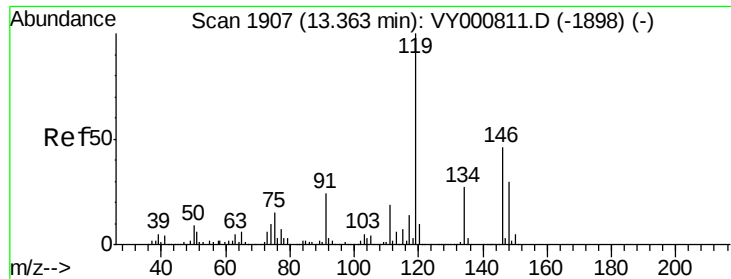
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 23.9 11.5 34.5





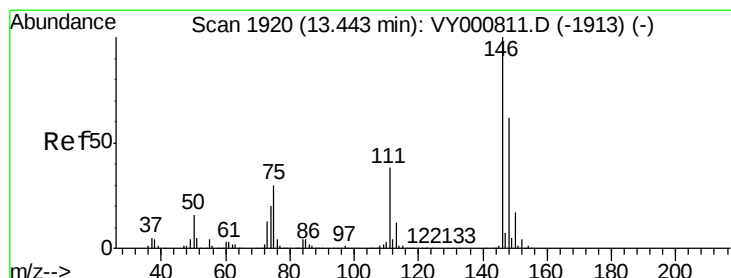
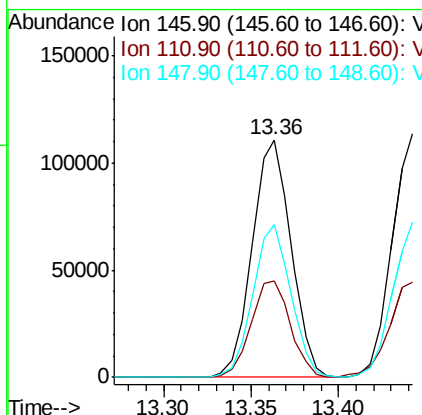
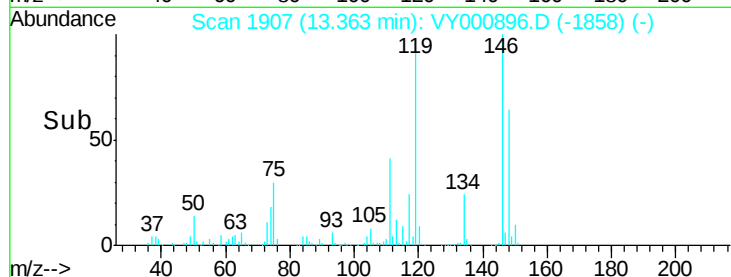
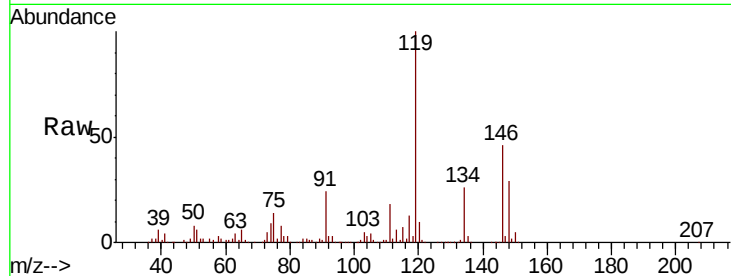
#87
 1,3-Dichlorobenzene
 Concen: 20.812 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	172084		
111	41.2	20.0	60.0	
148	62.7	32.1	96.5	

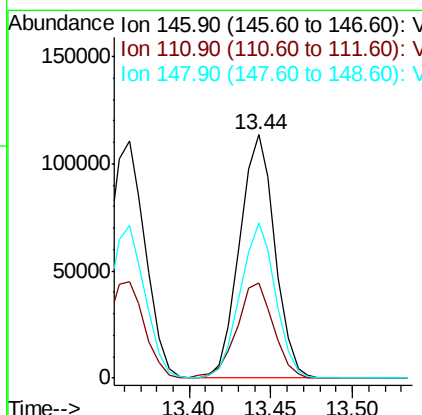
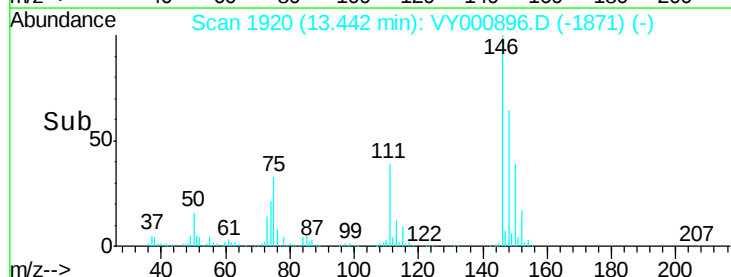
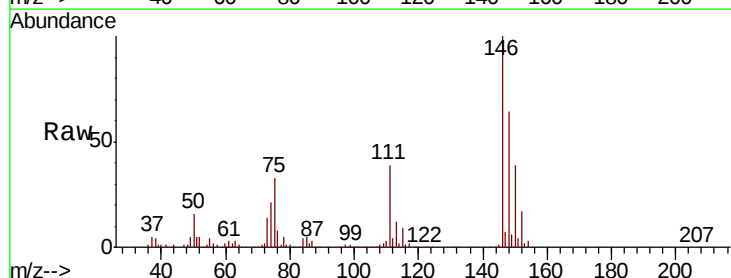
Manual Integrations
 APPROVED

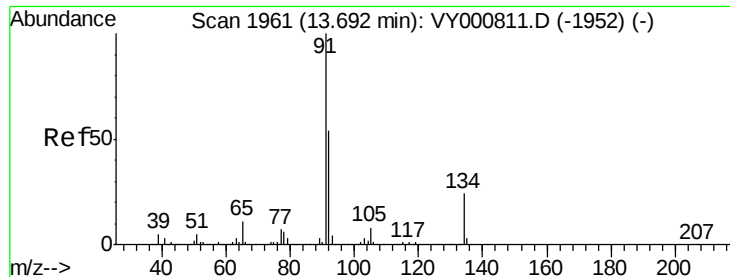
apatel
 12/9/2019 11:24:11 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.882 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	170965		
111	40.8	20.0	59.9	
148	63.6	31.7	95.1	





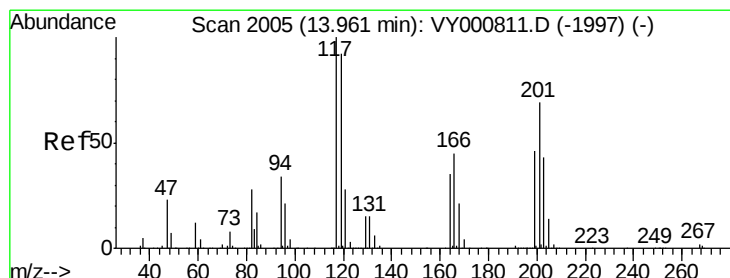
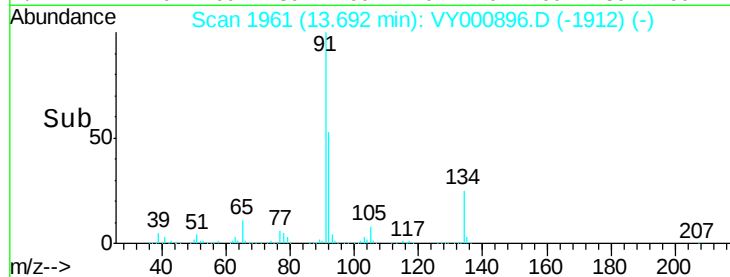
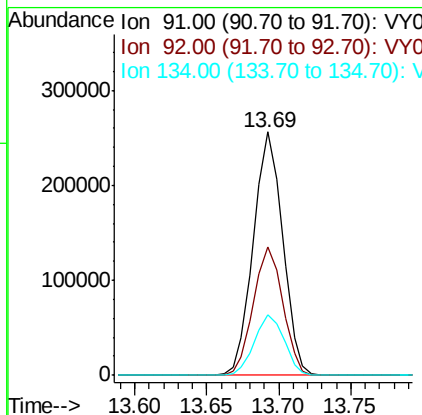
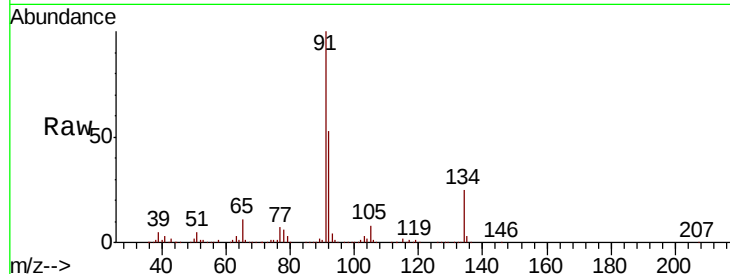
#89
n-Butylbenzene
Concen: 20.880 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.9	26.9	80.7	
134	25.1	12.6	37.6	

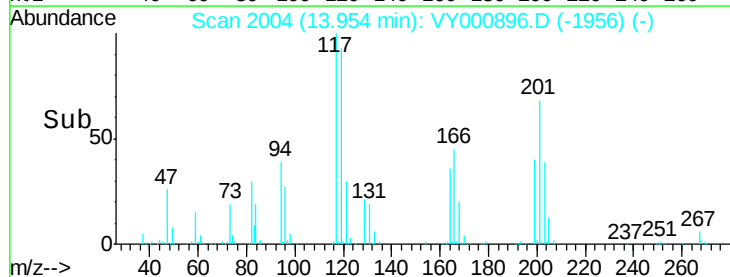
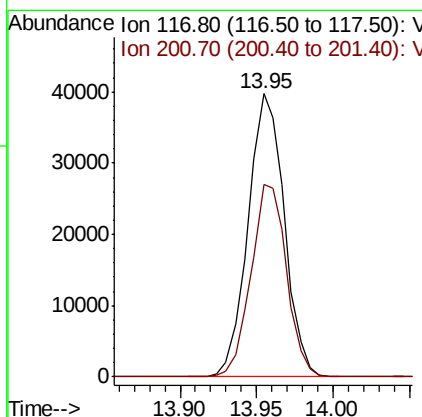
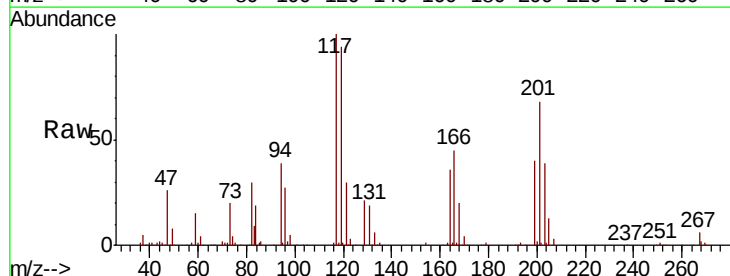
Manual Integrations
APPROVED

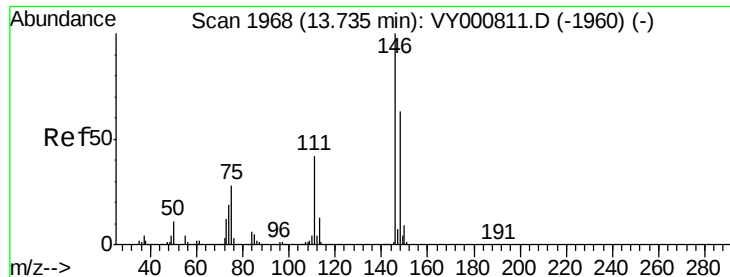
apatel
12/9/2019 11:24:11 AM



#90
Hexachloroethane
Concen: 20.704 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	66.7	34.0	102.0	





#91

1,2-Dichlorobenzene

Concen: 20.724 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Instrument :

MSVOA_Y

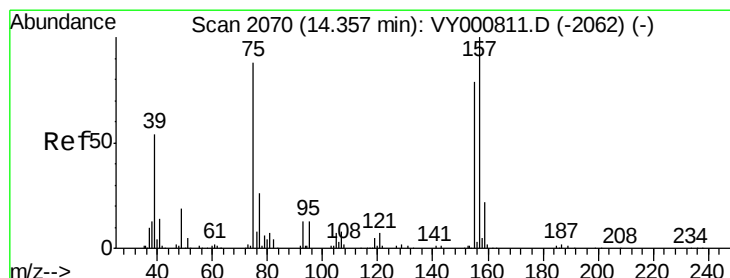
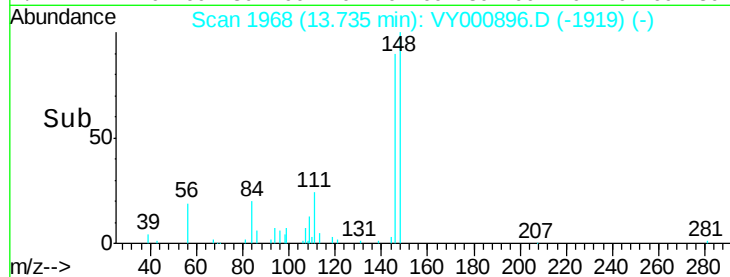
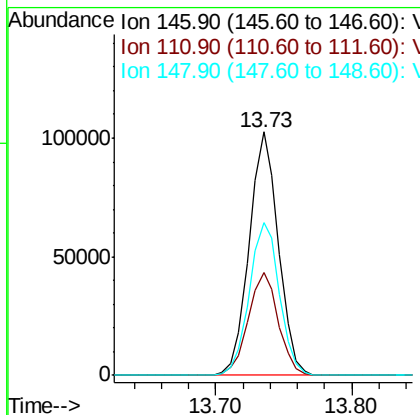
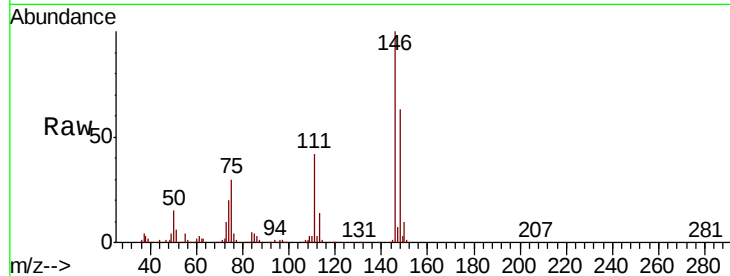
ClientSampleId :

VY1206SBS01

Tot Ion:	146	Resp:	154135
Ion Ratio	Lower	Upper	
146	100		
111	43.5	20.9	62.7
148	64.9	32.1	96.3

Manual Integrations
APPROVED

apatel
12/9/2019 11:24:11 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.038 ug/l

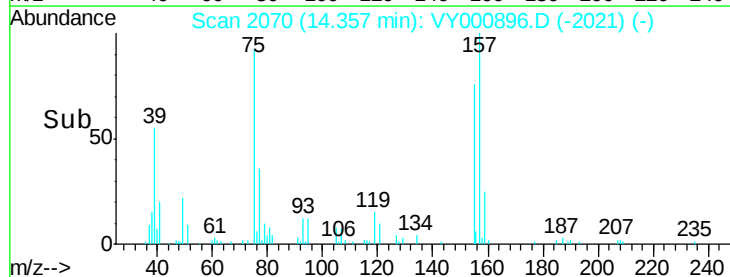
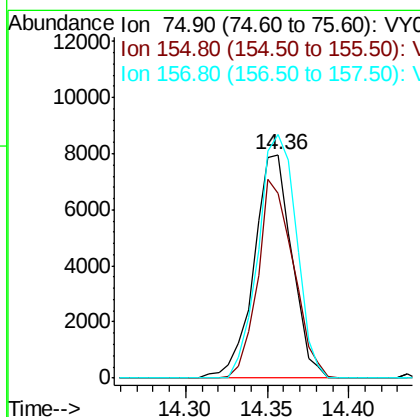
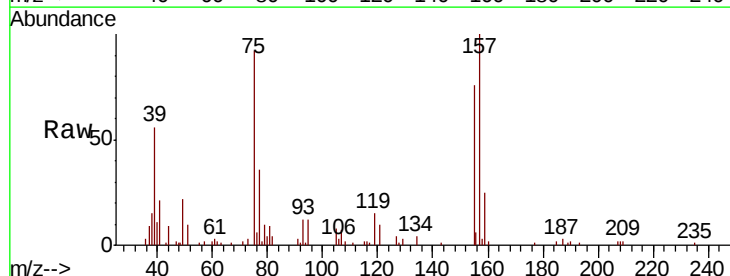
RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000896.D

Acq: 06 Dec 2019 13:12

Tgt Ion:	75	Resp:	12853
Ion Ratio	Lower	Upper	
75	100		
155	83.6	44.3	132.9
157	109.1	56.3	168.9





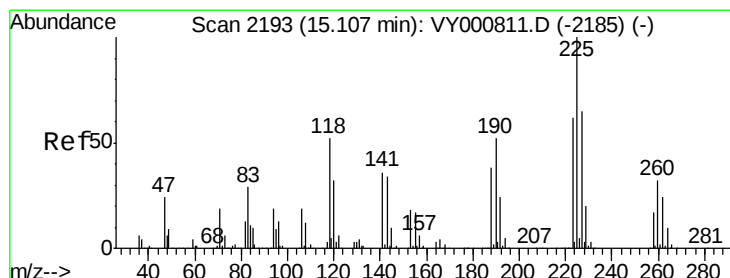
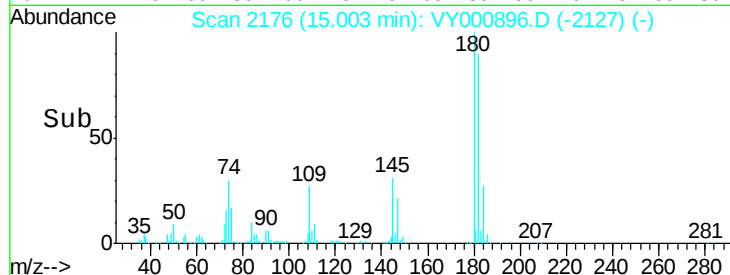
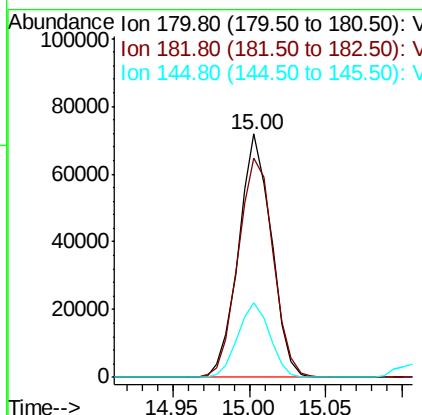
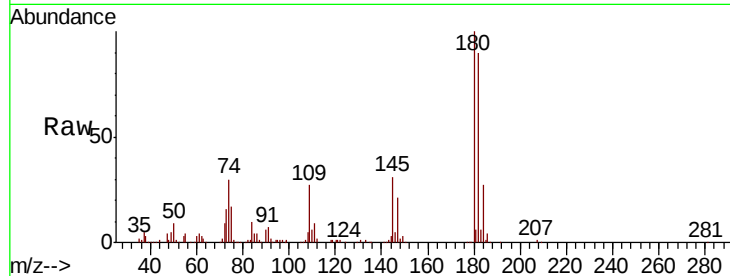
#93
 1,2,4-Trichlorobenzene
 Concen: 21.257 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	47.3	141.9	
145	30.2	16.0	47.9	

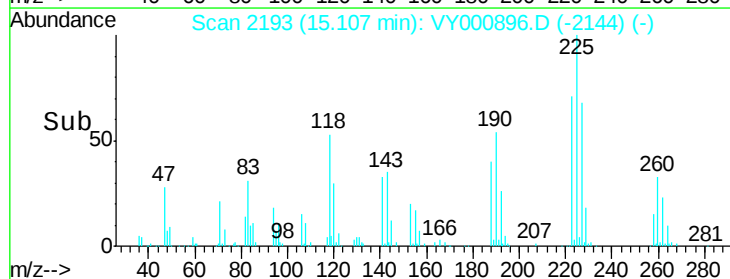
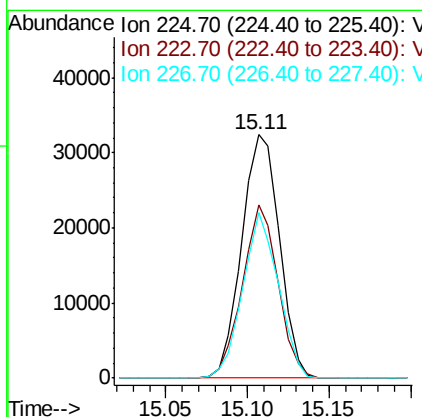
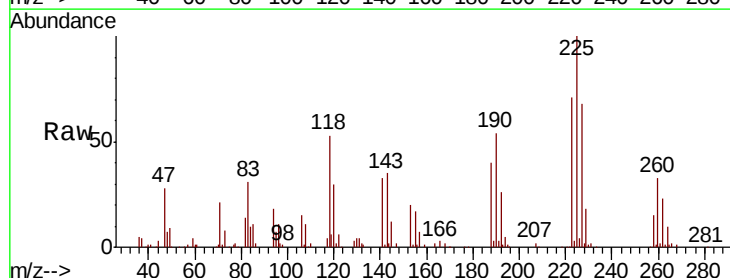
Manual Integrations
 APPROVED

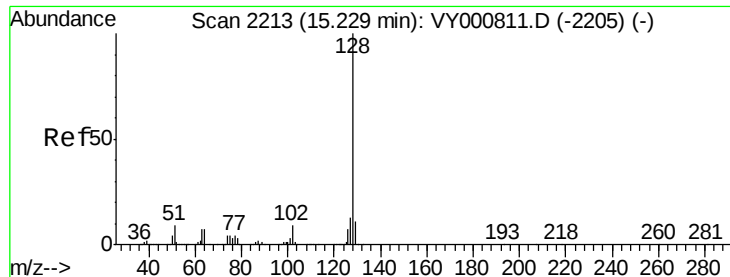
apatel
 12/9/2019 11:24:11 AM



#94
 Hexachlorobutadiene
 Concen: 20.941 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000896.D
 Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	67.2	31.4	94.3	
227	64.1	31.8	95.3	





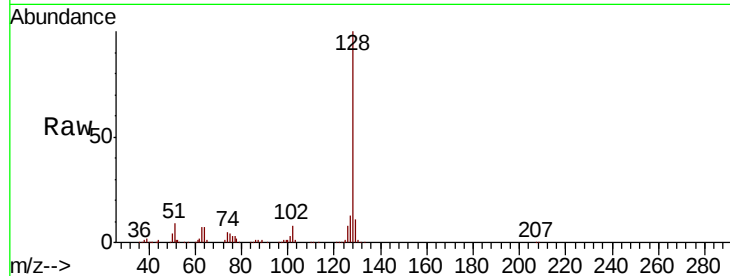
#95
Naphthalene
Concen: 20.957 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	244906		
127	12.6		10.1	15.1
129	11.1		8.8	13.2

Manual Integrations
APPROVED

apatel
12/9/2019 11:24:11 AM

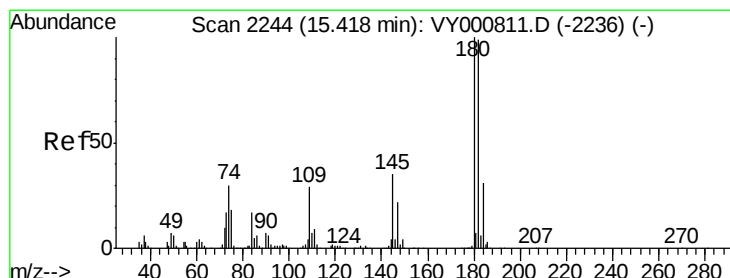
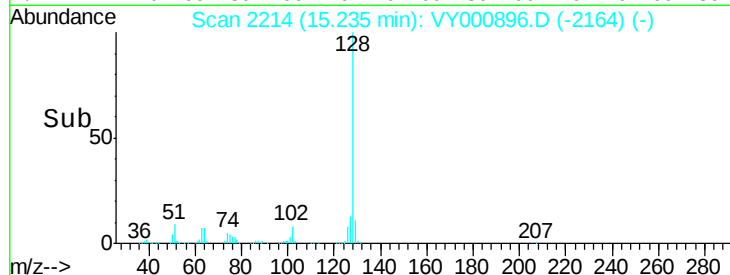
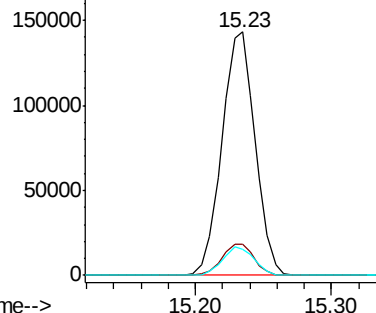


Abundance

Ion 128.00 (127.70 to 128.70): V

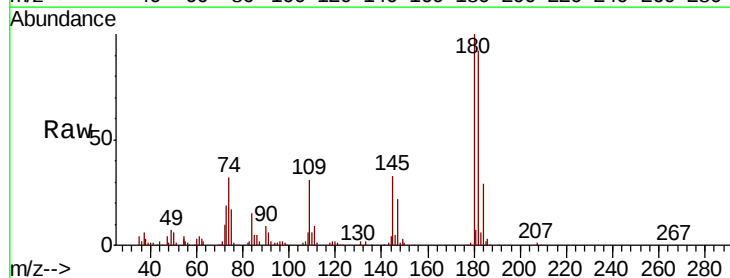
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.635 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000896.D
Acq: 06 Dec 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	92762		
182	95.6		48.0	144.0
145	33.2		16.9	50.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

