

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100919\
 Data File : VY000242.D
 Acq On : 09 Oct 2019 14:45
 Operator : SY/MD
 Sample : 2.5PPBMDL
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 8:41:17 AM

Quant Time: Oct 10 02:14:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:06:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	280249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	465540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	409981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	187336	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	189840	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.73	113	153439	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	10.19	98	578265	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.49	95	198127	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.91	85	5855	2.093	ug/l 97
3) Chloromethane	2.12	50	8116	2.130	ug/l 98
4) Vinyl Chloride	2.25	62	8727	2.218	ug/l 96
5) Bromomethane	2.64	94	8619	3.473	ug/l 81
6) Chloroethane	2.79	64	5729	2.306	ug/l 94
7) Trichlorofluoromethane	3.12	101	12307	2.421	ug/l # 78
8) Diethyl Ether	3.53	74	5669	2.439	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	7472	2.518	ug/l # 74
10) Methyl Iodide	4.10	142	5930	1.355	ug/l # 79
11) Tert butyl alcohol	4.97	59	28704	14.659	ug/l # 90
12) 1,1-Dichloroethene	3.87	96	6755	2.192	ug/l 88
13) Acrolein	3.74	56	12712	12.367	ug/l 93
14) Allyl chloride	4.49	41	12038	2.319	ug/l # 85
15) Acrylonitrile	5.19	53	39110	11.314	ug/l 99
16) Acetone	3.96	43	32511	11.389	ug/l 94
17) Carbon Disulfide	4.20	76	18327	2.018	ug/l # 94
18) Methyl Acetate	4.49	43	18547	2.371	ug/l 98
19) Methyl tert-butyl Ether	5.24	73	23878	2.118	ug/l 94
20) Methylene Chloride	4.72	84	9012	2.403	ug/l 94
21) trans-1,2-Dichloroethene	5.23	96	7992	2.306	ug/l 95
22) Diisopropyl ether	6.14	45	25653	2.133	ug/l 89
23) Vinyl Acetate	6.08	43	113716	10.438	ug/l 98
24) 1,1-Dichloroethane	6.02	63	14280	2.327	ug/l 94
25) 2-Butanone	7.00	43	58274	11.034	ug/l 97
26) 2,2-Dichloropropane	6.99	77	13434	2.426	ug/l 98
27) cis-1,2-Dichloroethene	7.00	96	9354	2.291	ug/l 96
28) Bromochloromethane	7.34	49	5776	2.860	ug/l # 95
29) Tetrahydrofuran	7.36	42	39832	10.679	ug/l 94
30) Chloroform	7.52	83	14142	2.221	ug/l # 80
31) Cyclohexane	7.80	56	17858	2.882	ug/l # 76
32) 1,1,1-Trichloroethane	7.72	97	12682	2.343	ug/l 98
36) 1,1-Dichloropropene	7.93	75	10227	2.159	ug/l 96
37) Ethyl Acetate	7.09	43	18839	2.200	ug/l 95
38) Carbon Tetrachloride	7.91	117	11339	2.456	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	13272	2.233	ug/l #	93
40) Benzene	8.17	78	31940	2.223	ug/l	98
41) Methacrylonitrile	7.35	41	14844m	2.202	ug/l	
42) 1,2-Dichloroethane	8.25	62	12014	2.574	ug/l	94
43) Isopropyl Acetate	8.28	43	24838	2.253	ug/l	97
44) Trichloroethene	8.94	130	9978	2.561	ug/l	96
45) 1,2-Dichloropropane	9.23	63	8300	2.306	ug/l	93
46) Dibromomethane	9.32	93	5586	2.214	ug/l	94
47) Bromodichloromethane	9.50	83	11288	2.287	ug/l #	95
48) Methyl methacrylate	9.30	41	11195	2.250	ug/l	97
49) 1,4-Dioxane	9.30	88	5746	44.992	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	94967	11.464	ug/l	98
52) Toluene	10.25	92	20220	2.194	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	11677	2.085	ug/l	89
54) cis-1,3-Dichloropropene	9.93	75	12714	2.098	ug/l #	90
55) 1,1,2-Trichloroethane	10.64	97	8056	2.217	ug/l	91
56) Ethyl methacrylate	10.52	69	13252	2.071	ug/l	96
57) 1,3-Dichloropropane	10.80	76	13970	2.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	30355	10.644	ug/l	96
59) 2-Hexanone	10.84	43	77026	10.971	ug/l	96
60) Dibromochloromethane	10.99	129	8494	2.211	ug/l	96
61) 1,2-Dibromoethane	11.10	107	8919	2.311	ug/l	96
64) Tetrachloroethene	10.72	164	10364	2.766	ug/l	88
65) Chlorobenzene	11.52	112	21709	2.285	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	8228	2.422	ug/l	95
67) Ethyl Benzene	11.60	91	38597	2.273	ug/l	97
68) m/p-Xylenes	11.70	106	28558	4.407	ug/l	99
69) o-Xylene	12.03	106	14698	2.354	ug/l	99
70) Styrene	12.05	104	23556	2.190	ug/l	97
71) Bromoform	12.21	173	6460	2.305	ug/l #	96
73) Isopropylbenzene	12.33	105	36572	2.304	ug/l	96
74) N-amyl acetate	12.14	43	15191	2.010	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.59	83	12934	2.387	ug/l	96
76) 1,2,3-Trichloropropane	12.64	75	10033m	2.028	ug/l	
77) Bromobenzene	12.61	156	8577	2.304	ug/l	94
78) n-propylbenzene	12.67	91	42152	2.273	ug/l	95
79) 2-Chlorotoluene	12.76	91	23713	2.221	ug/l	94
80) 1,3,5-Trimethylbenzene	12.81	105	31080	2.346	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	4680	1.952	ug/l	86
82) 4-Chlorotoluene	12.86	91	25105	2.322	ug/l	99
83) tert-Butylbenzene	13.08	119	27158	2.359	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	30548	2.308	ug/l	99
85) sec-Butylbenzene	13.25	105	36550	2.303	ug/l	99
86) p-Isopropyltoluene	13.37	119	31756	2.276	ug/l	96
87) 1,3-Dichlorobenzene	13.37	146	16819	2.493	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	17013	2.421	ug/l	86
89) n-Butylbenzene	13.70	91	27001	2.053	ug/l	96
90) Hexachloroethane	13.96	117	5872	2.225	ug/l	83
91) 1,2-Dichlorobenzene	13.74	146	15961	2.337	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	3796	2.244	ug/l	87

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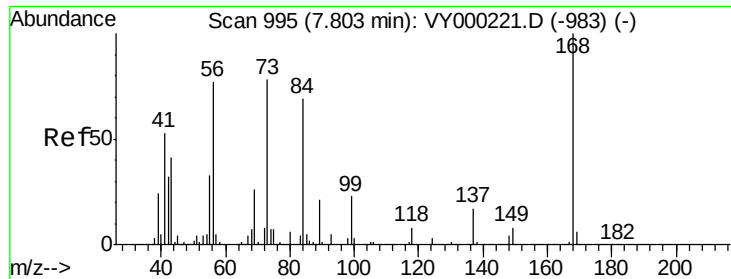
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	10950	2.362	ug/l	100
94) Hexachlorobutadiene	15.11	225	5514	2.489	ug/l	97
95) Naphthalene	15.23	128	39371	2.257	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.42	180	10557	2.367	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion:168 Resp: 280249

Ion Ratio Lower Upper

168 100

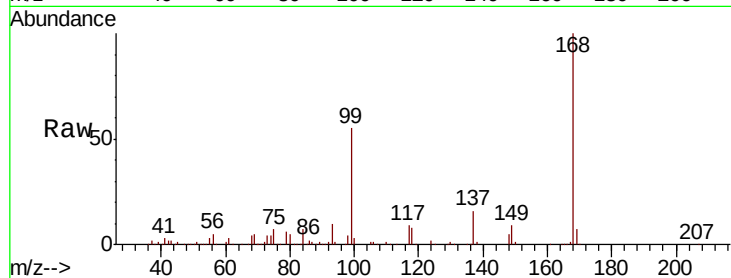
99 54.8 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

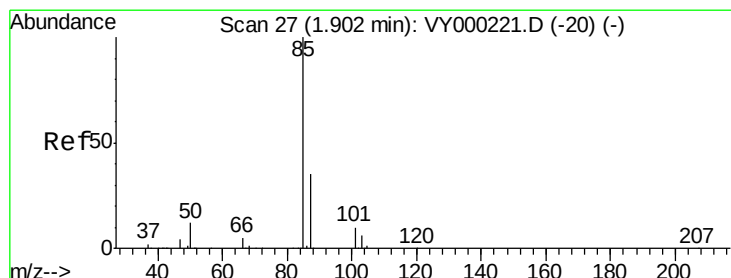
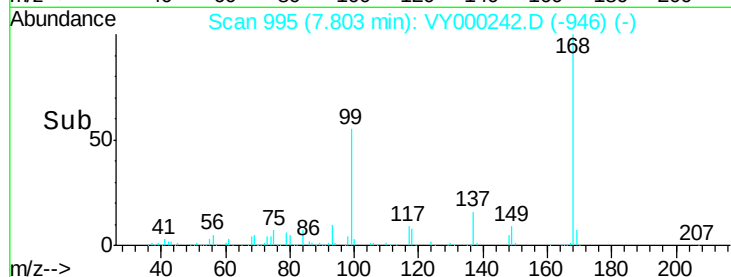
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.093 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000242.D

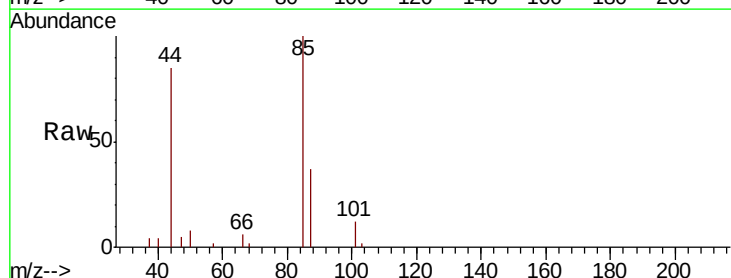
Acq: 09 Oct 2019 14:45

Tgt Ion: 85 Resp: 5855

Ion Ratio Lower Upper

85 100

87 36.8 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.91

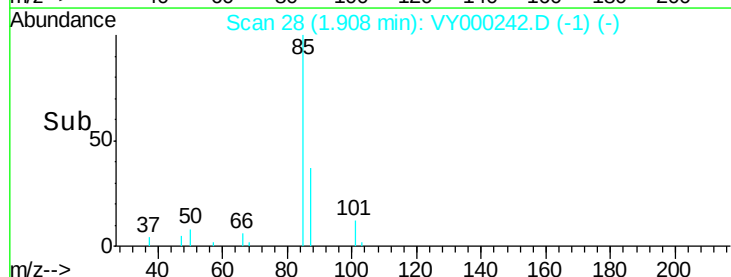
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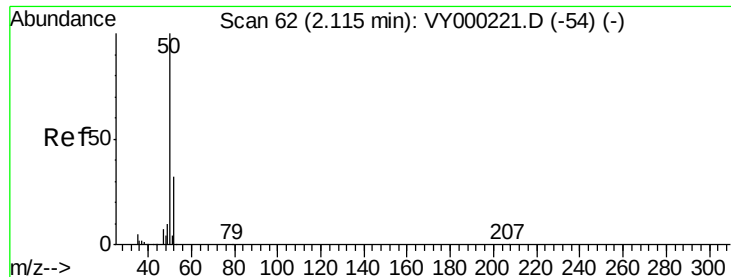
2000

1000

0

Time-->





#3

Chloromethane

Concen: 2.130 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 50 Resp: 8116

Ion Ratio Lower Upper

50 100

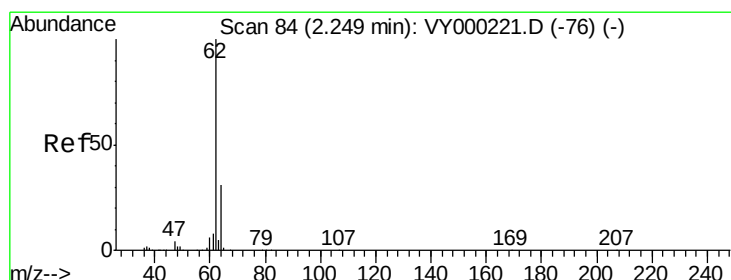
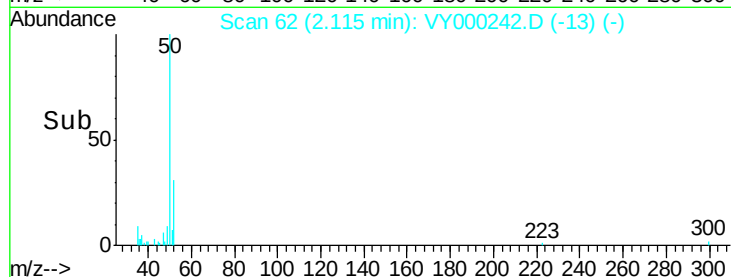
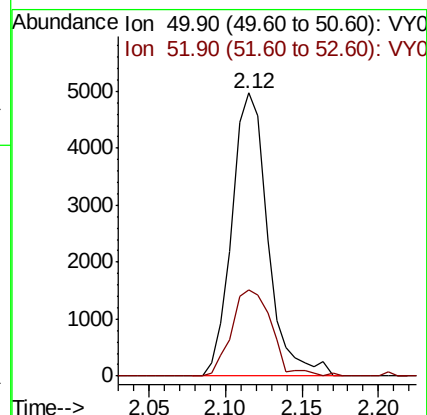
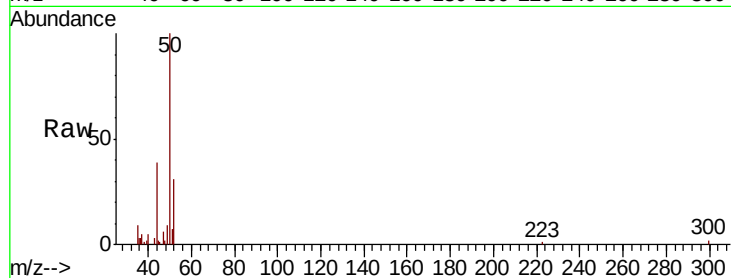
52 30.6 25.4 38.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 2.218 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000242.D

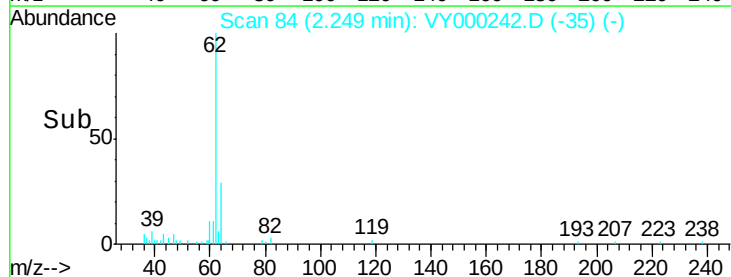
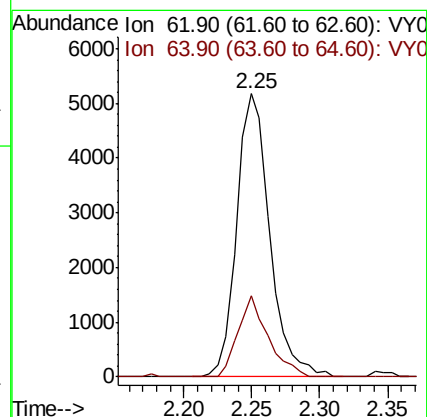
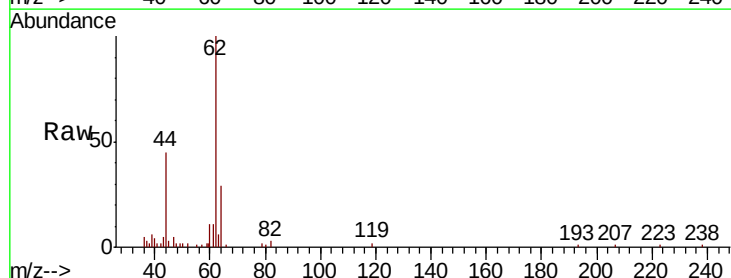
Acq: 09 Oct 2019 14:45

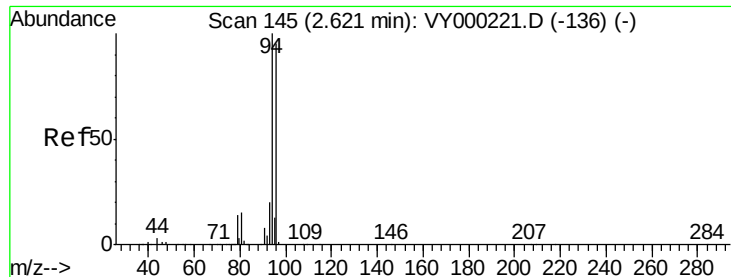
Tgt Ion: 62 Resp: 8727

Ion Ratio Lower Upper

62 100

64 28.9 25.0 37.6





#5

Bromomethane

Concen: 3.473 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.02 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 94 Resp: 8619

Ion Ratio Lower Upper

94 100

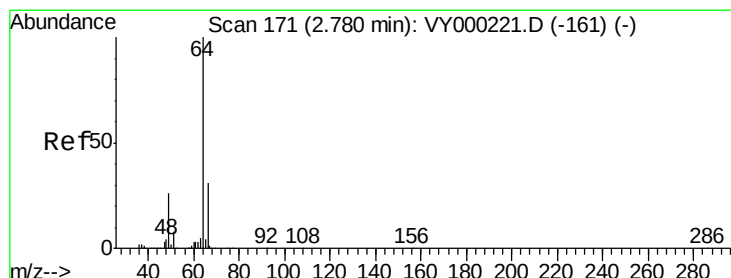
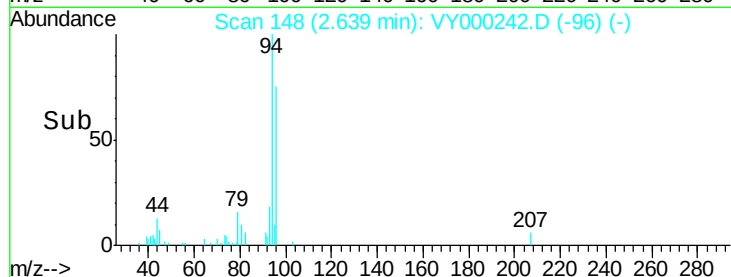
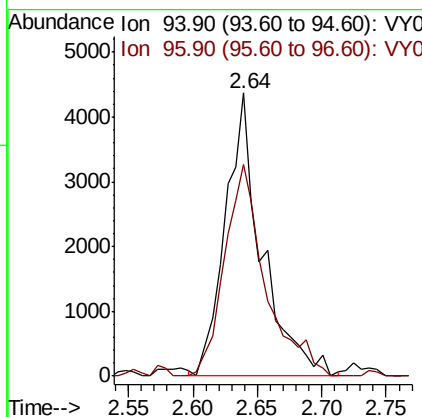
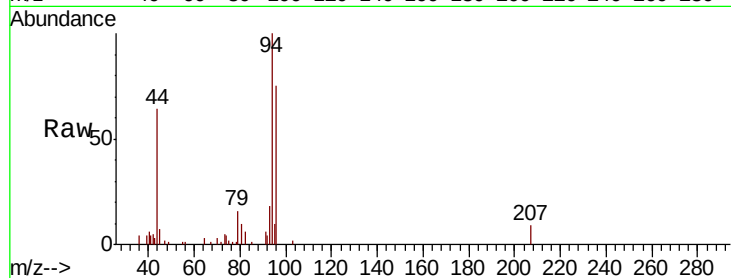
96 76.1 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 2.306 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000242.D

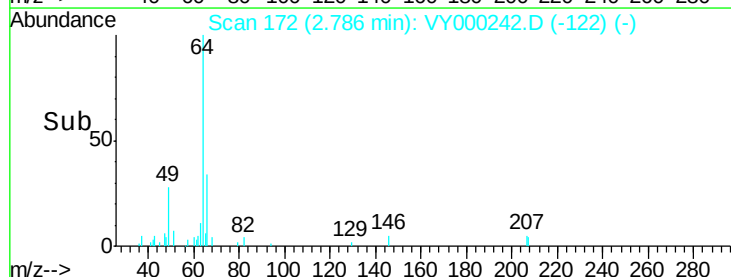
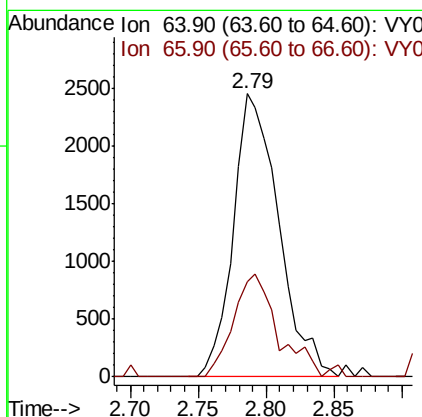
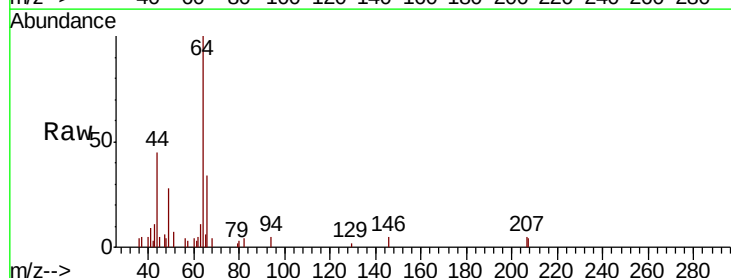
Acq: 09 Oct 2019 14:45

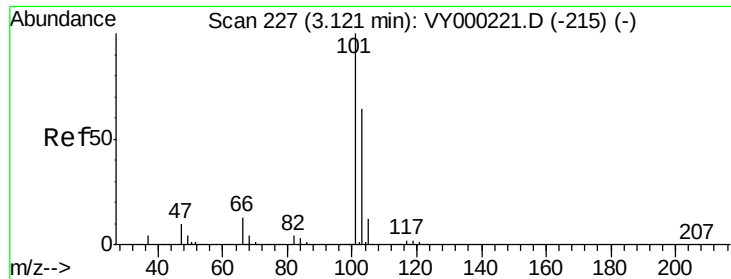
Tgt Ion: 64 Resp: 5729

Ion Ratio Lower Upper

64 100

66 33.8 24.5 36.7





#7

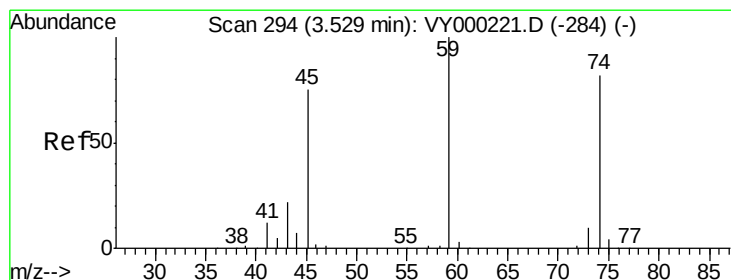
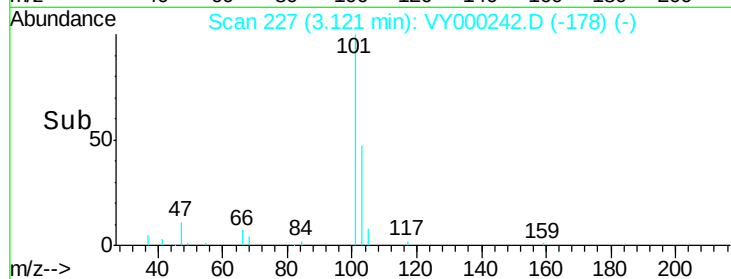
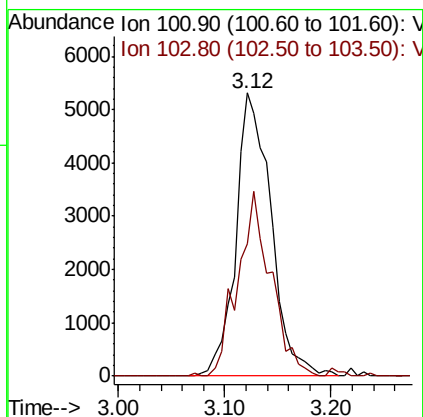
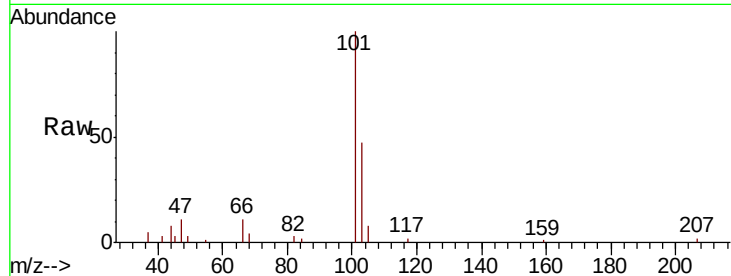
Trichlorofluoromethane
Concen: 2.421 ug/l
RT: 3.12 min Scan# 227
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
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ClientSampleId :
2.5PPBMDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		12307		
103	46.7	51.0	76.6#		

Manual Integrations
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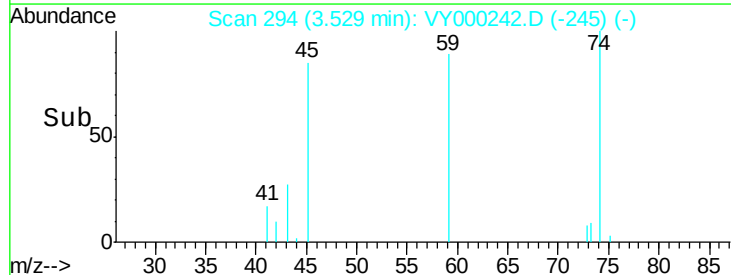
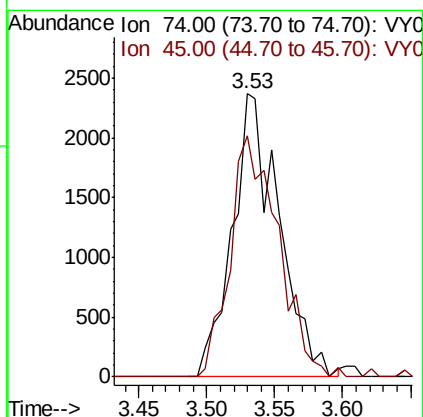
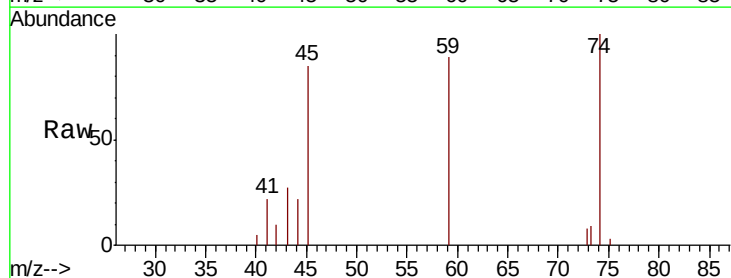
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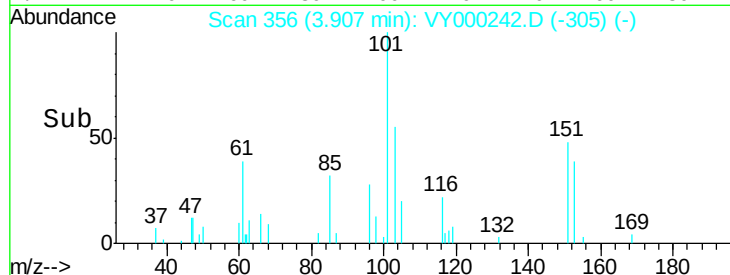
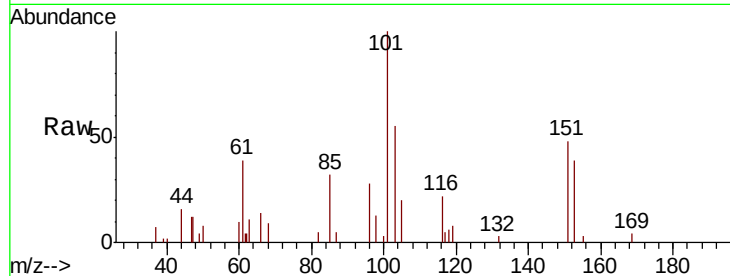
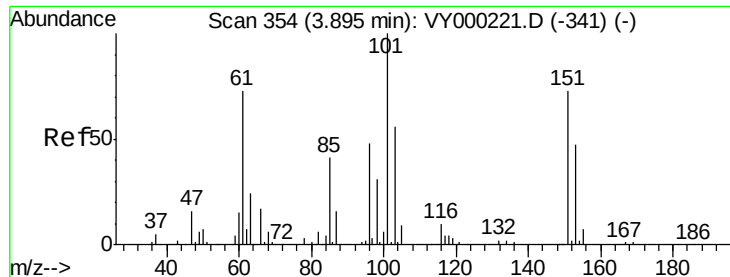


#8

Diethyl Ether
Concen: 2.439 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		5669		
45	87.9	45.8	137.4		





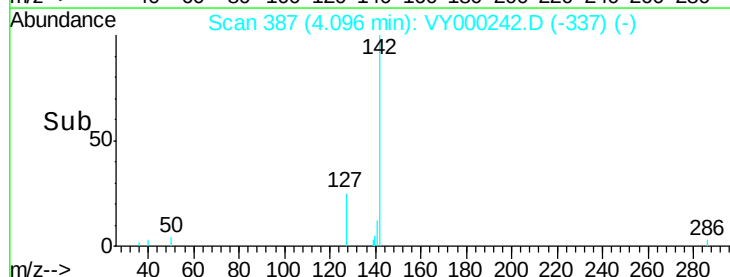
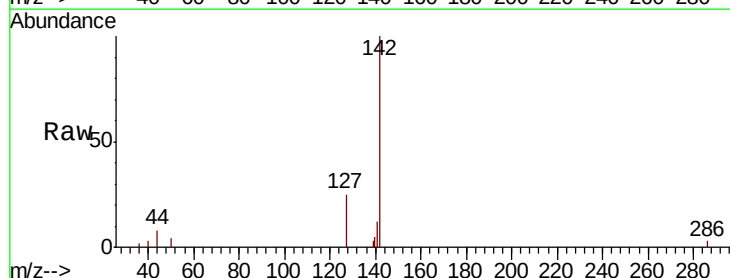
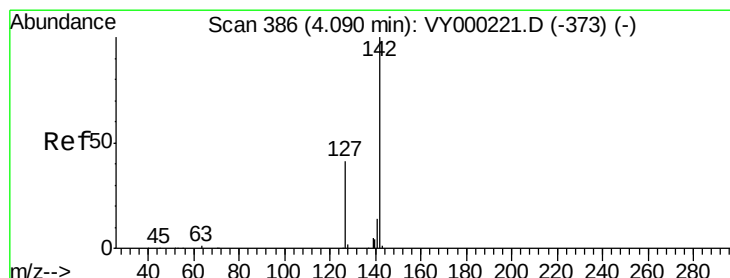
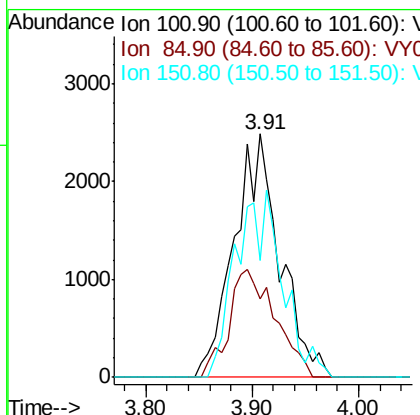
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.518 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.7	37.0	55.6
151	43.2	63.0	94.4#

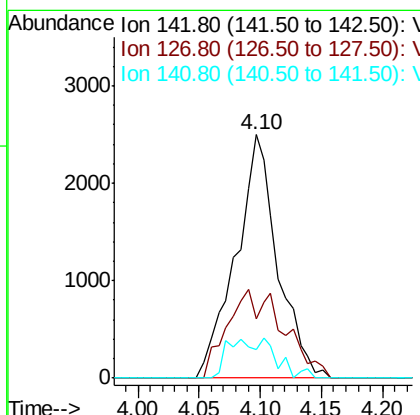
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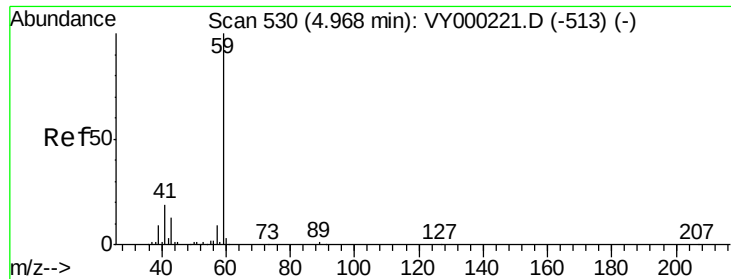
MMDadoda
10/11/2019 8:41:17 AM



#10
Methyl Iodide
Concen: 1.355 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
142	100		
127	25.4	33.0	49.6#
141	10.9	11.0	16.4#





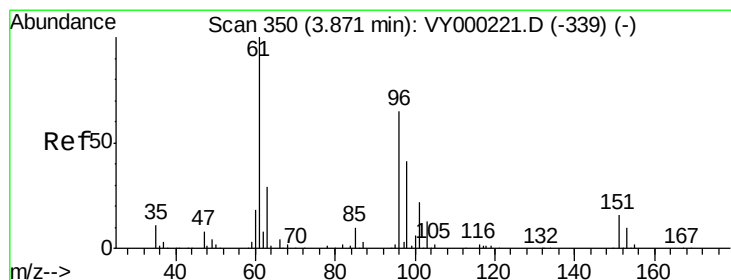
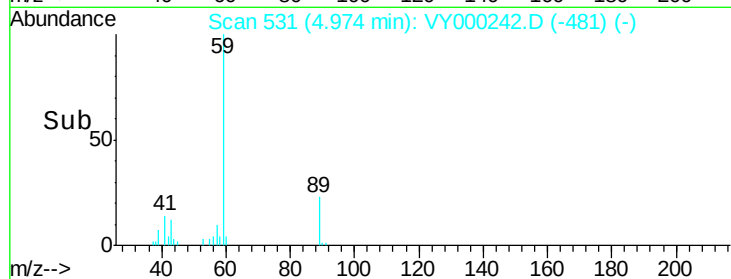
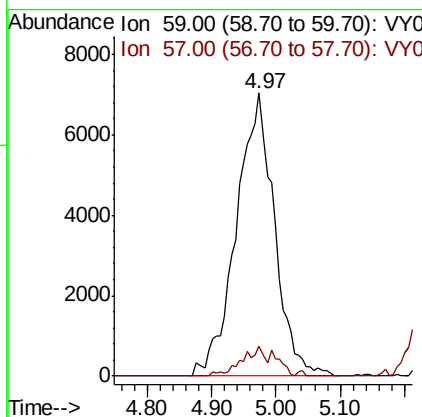
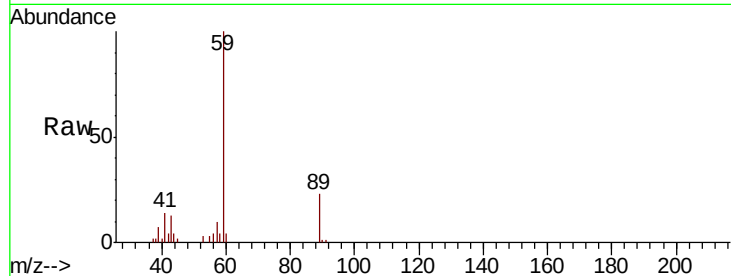
#11
Tert butyl alcohol
Concen: 14.659 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	59	57	Ratio	100	6.2	Resp	28704	Lower	8.0	Upper	12.0#
Ion	59	57	Ratio	100	6.2	Resp	28704	Lower	8.0	Upper	12.0#

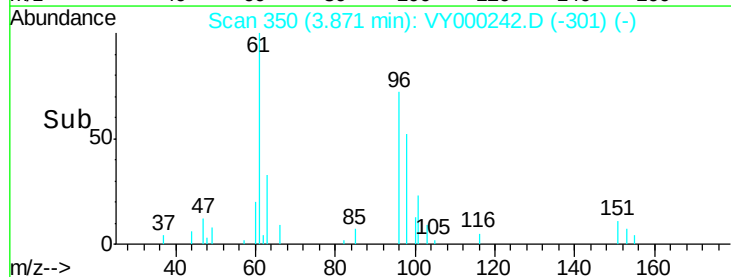
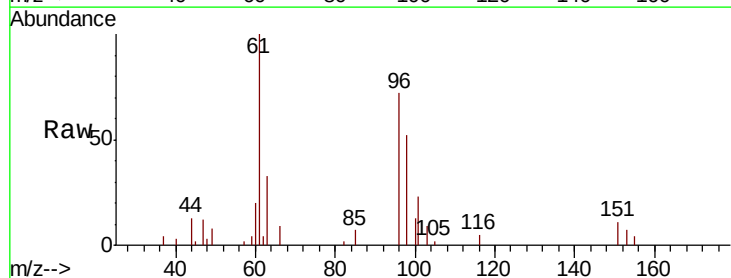
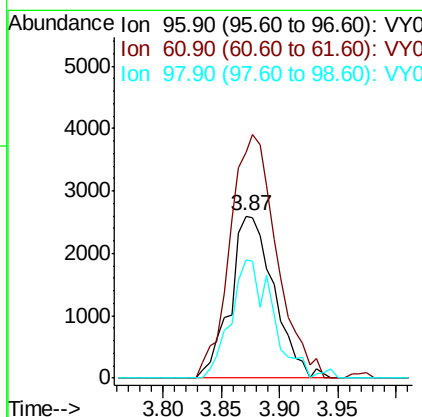
Manual Integrations
APPROVED

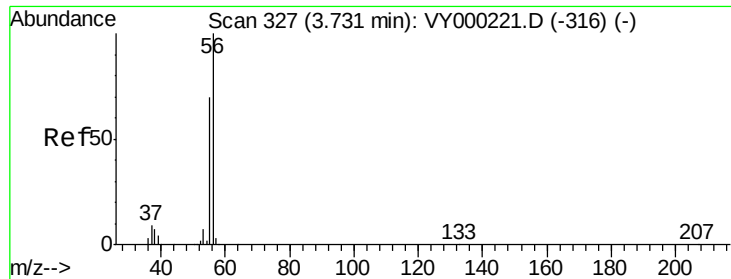
MMDadoda
10/11/2019 8:41:17 AM



#12
1,1-Dichloroethene
Concen: 2.192 ug/l
RT: 3.87 min Scan# 350
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	96	61	98	Ratio	100	139.1	72.8	Resp	6755	Lower	123.8	50.9	Upper	185.8	76.3
Ion	96	61	98	Ratio	100	139.1	72.8	Resp	6755	Lower	123.8	50.9	Upper	185.8	76.3





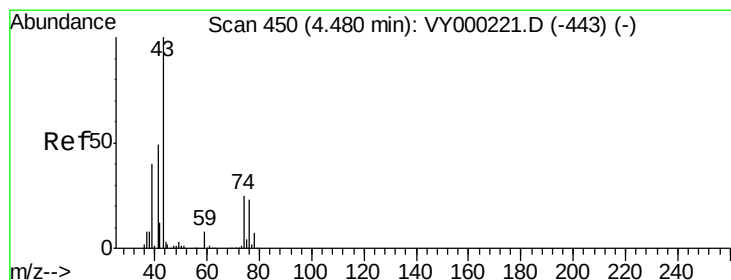
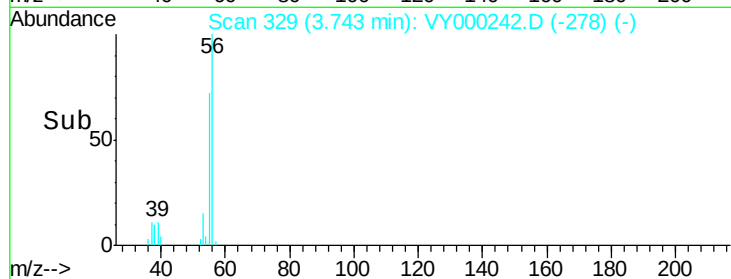
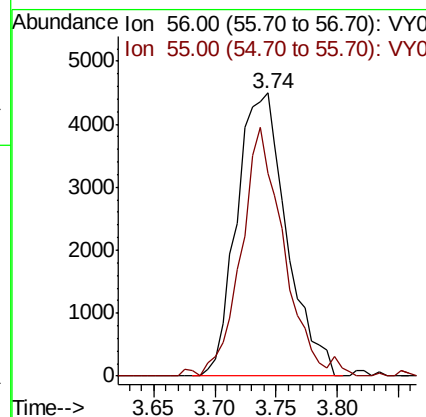
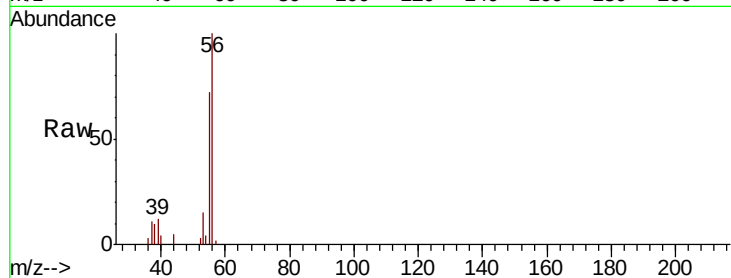
#13
Acrolein
Concen: 12.367 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
56	100		
55	74.4	55.2	82.8

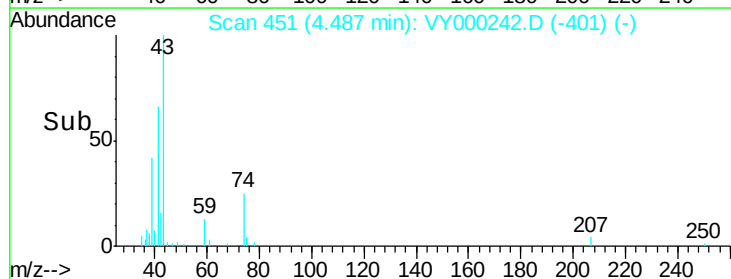
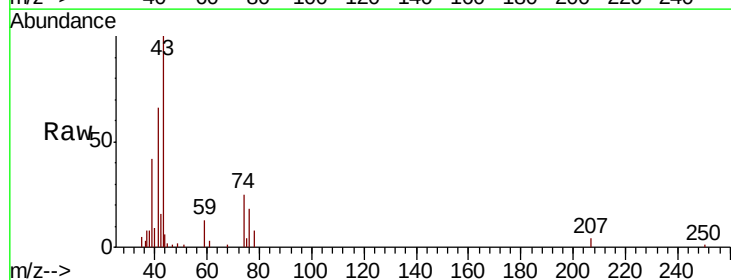
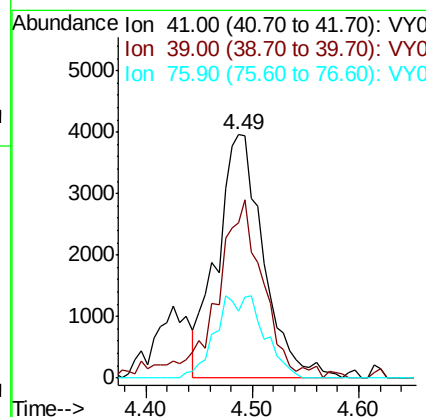
Manual Integrations
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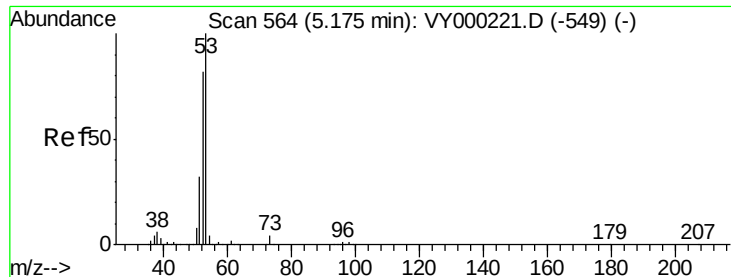
MMDadoda
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#14
Allyl chloride
Concen: 2.319 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.9	56.4	84.6
76	18.0	30.8	46.2#





#15

Acrylonitrile

Concen: 11.314 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

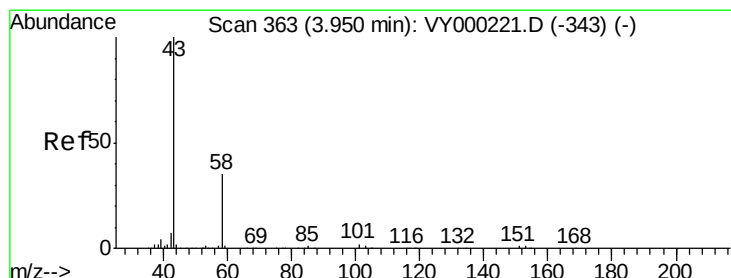
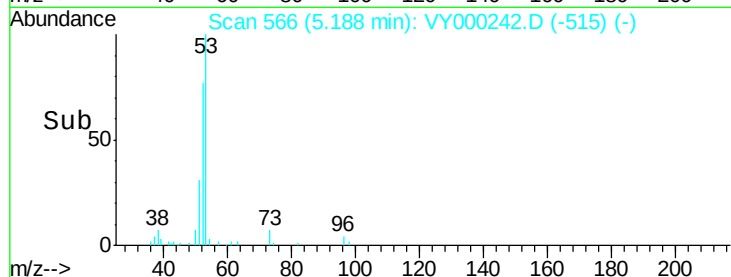
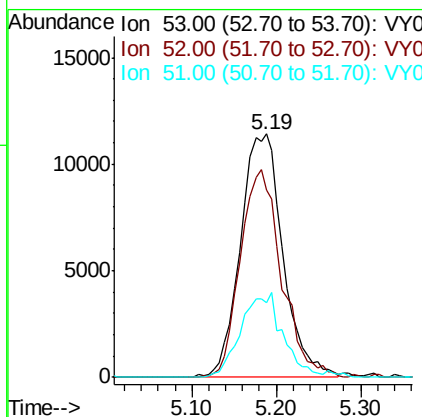
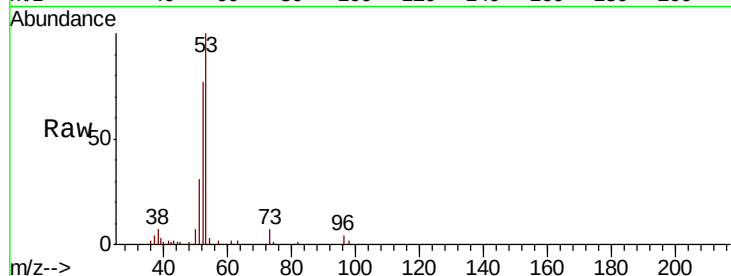
ClientSampleId :

2.5PPBMDL

Tot Ion:	53	Resp:	39110
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.4	98.2
51	34.0	27.2	40.8

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#16

Acetone

Concen: 11.389 ug/l

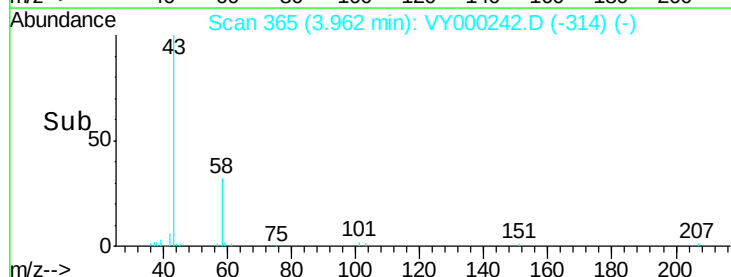
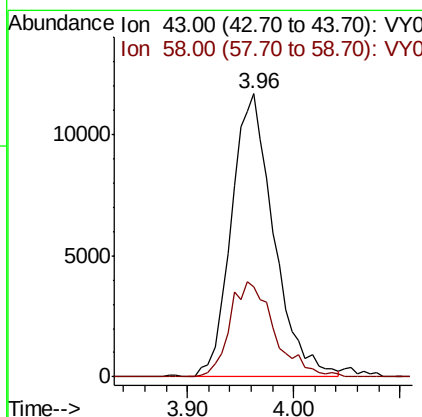
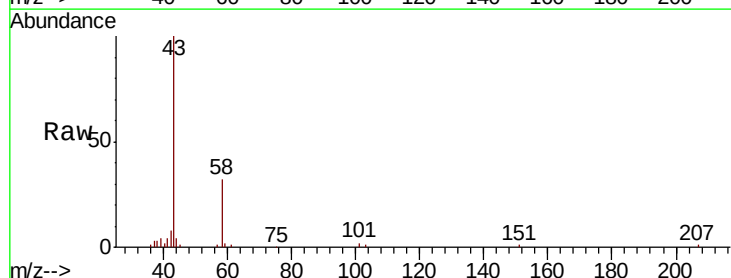
RT: 3.96 min Scan# 365

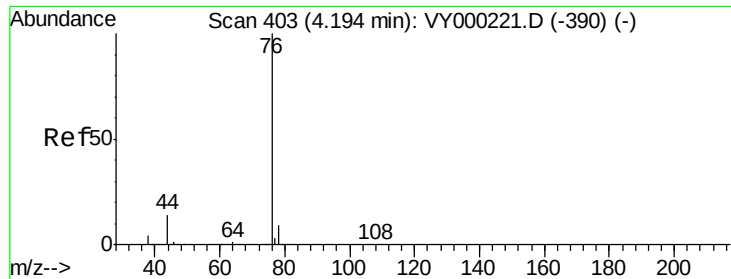
Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Tgt Ion:	43	Resp:	32511
Ion	Ratio	Lower	Upper
43	100		
58	32.0	28.2	42.4





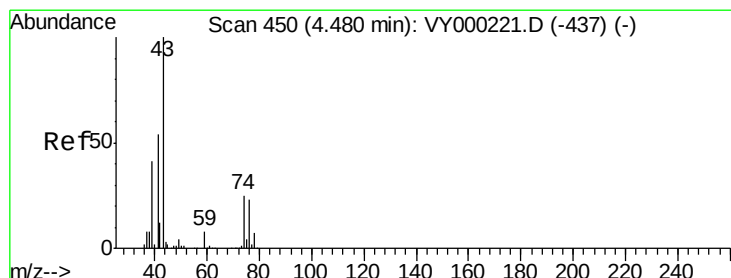
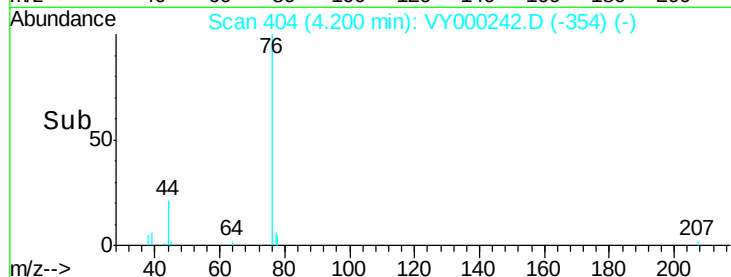
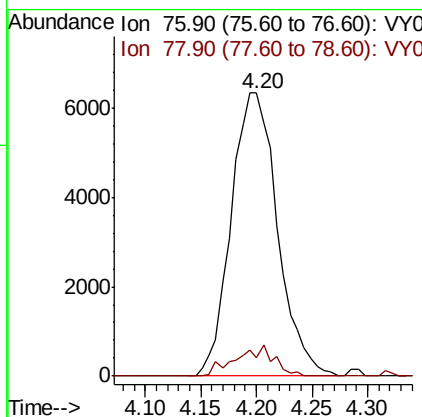
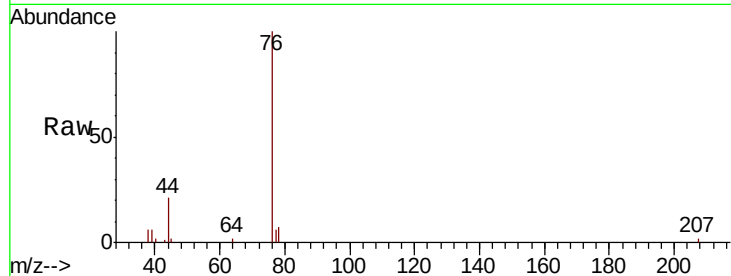
#17
Carbon Disulfide
Concen: 2.018 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
76	100		
78	6.5	7.0	10.6#

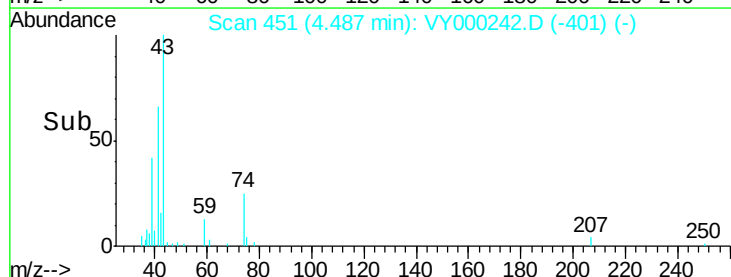
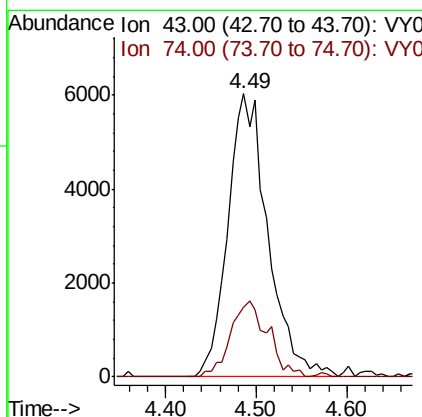
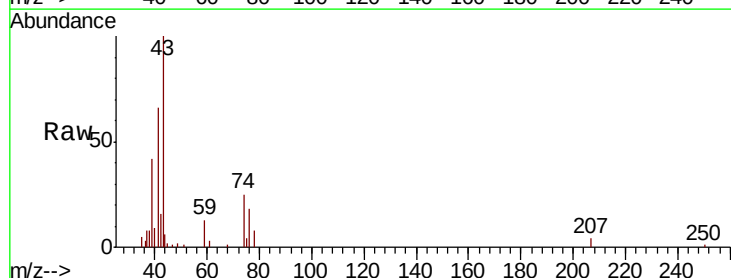
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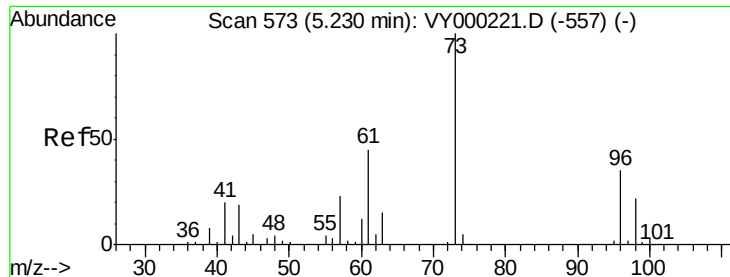
MMDadoda
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#18
Methyl Acetate
Concen: 2.371 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	19.1	28.7





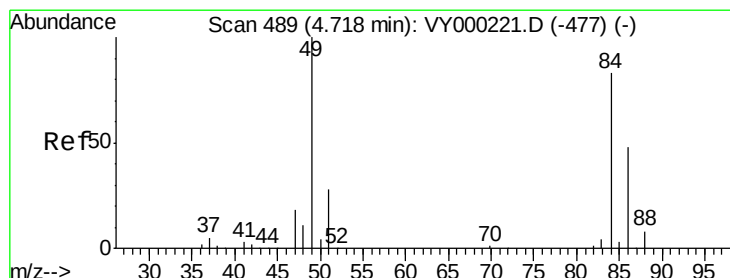
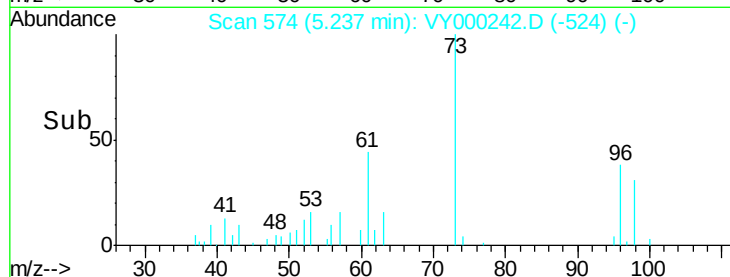
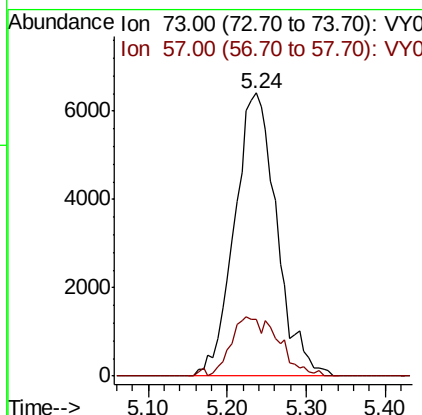
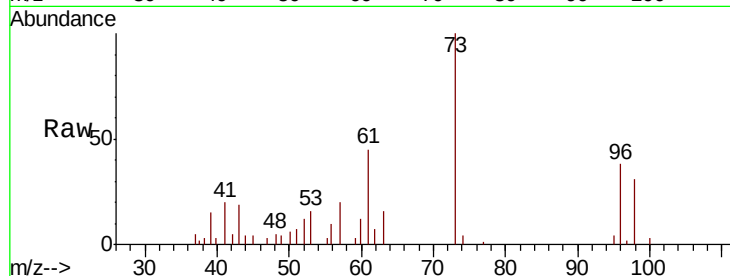
#19
Methyl tert-butyl Ether
Concen: 2.118 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion: 73 Resp: 23878
Ion Ratio Lower Upper
73 100
57 20.1 18.4 27.6

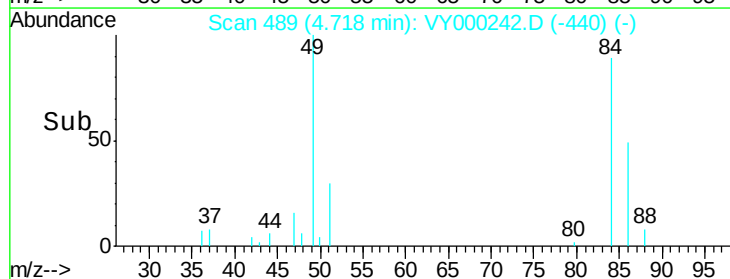
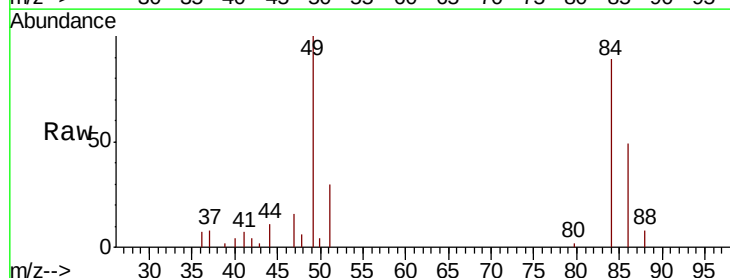
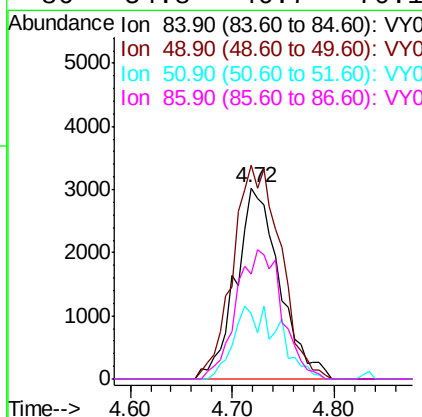
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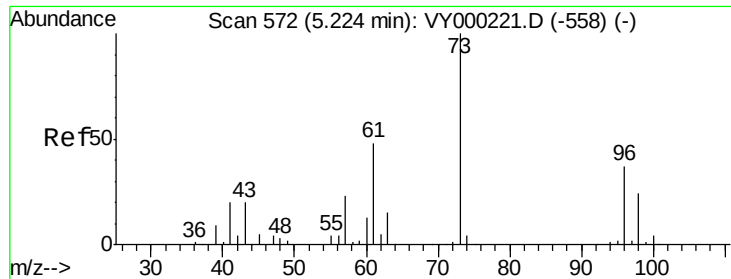
MMDadoda
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#20
Methylene Chloride
Concen: 2.403 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion: 84 Resp: 9012
Ion Ratio Lower Upper
84 100
49 111.9 96.2 144.2
51 34.0 26.6 39.8
86 54.8 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 2.306 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 96 Resp: 7992

Ion Ratio Lower Upper

96 100

61 129.8 104.2 156.2

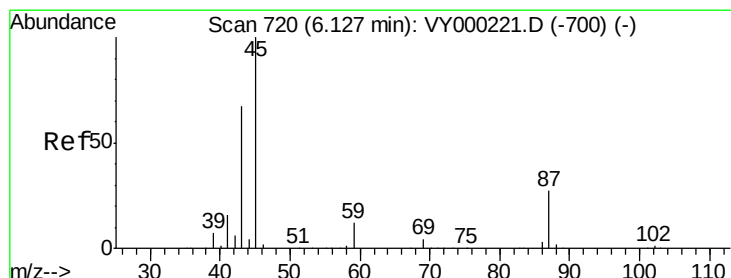
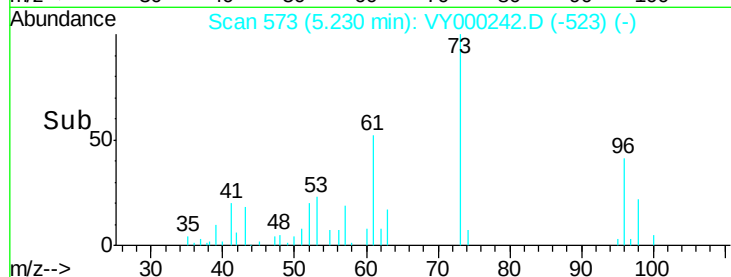
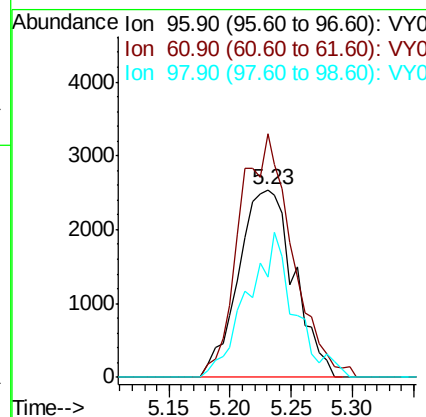
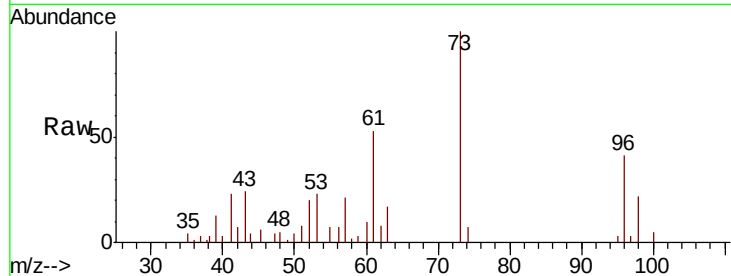
98 53.3 51.0 76.6

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#22

Diisopropyl ether

Concen: 2.133 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Tgt Ion: 45 Resp: 25653

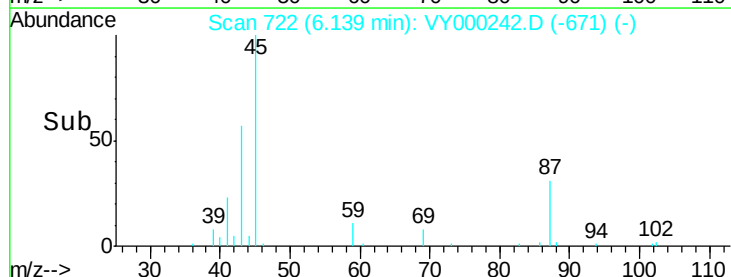
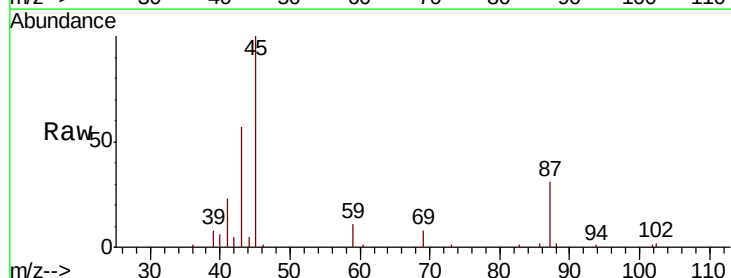
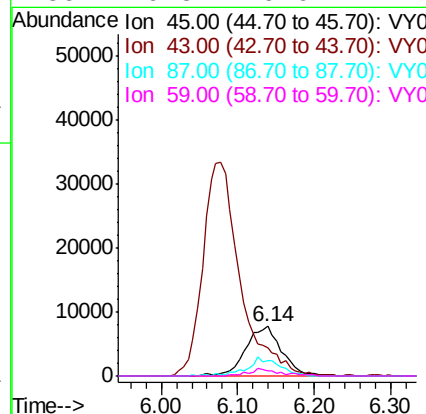
Ion Ratio Lower Upper

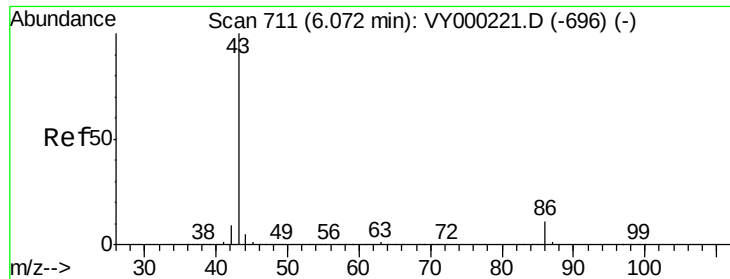
45 100

43 55.5 53.4 80.2

87 31.2 21.7 32.5

59 10.8 9.6 14.4





#23

Vinyl Acetate

Concen: 10.438 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 43 Resp: 113716

Ion Ratio Lower Upper

43 100

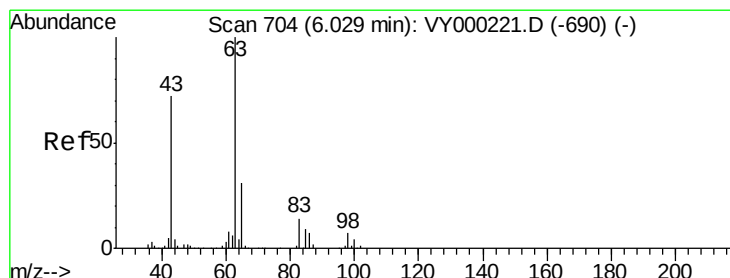
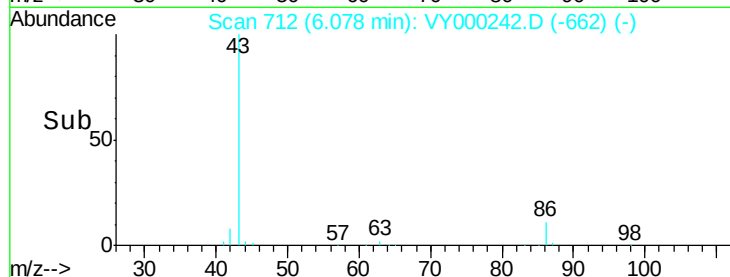
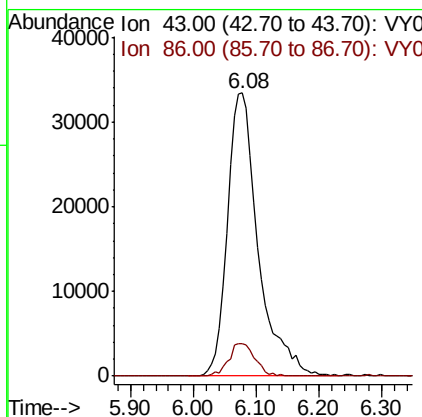
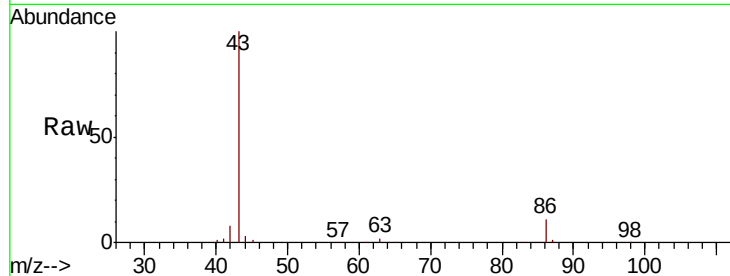
86 11.4 8.5 12.7

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#24

1,1-Dichloroethane

Concen: 2.327 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

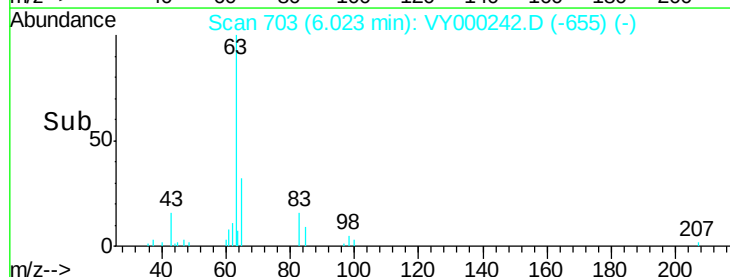
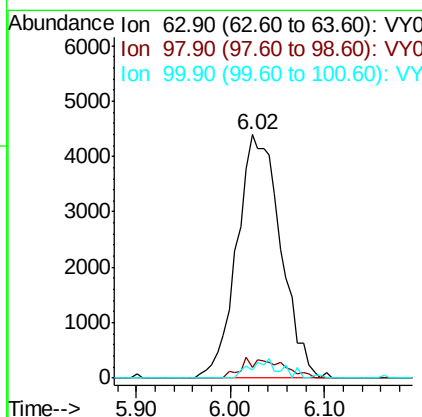
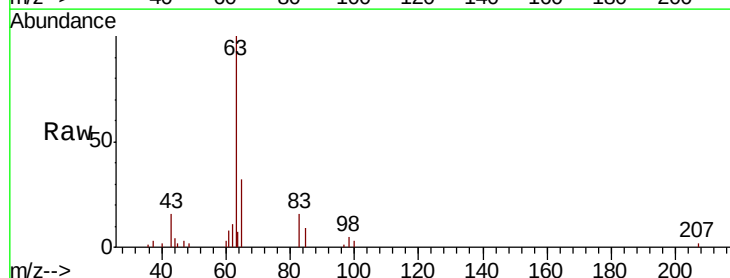
Tgt Ion: 63 Resp: 14280

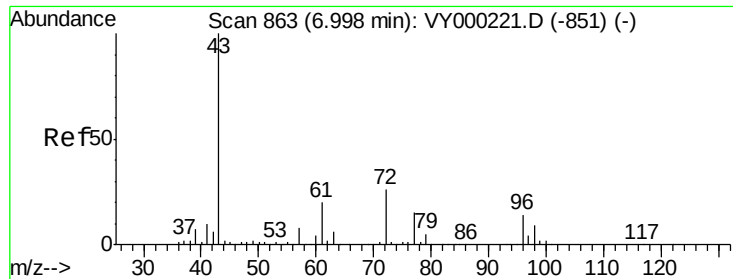
Ion Ratio Lower Upper

63 100

98 4.5 3.5 10.6

100 3.2 2.1 6.5





#25

2-Butanone

Concen: 11.034 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 43 Resp: 58274

Ion Ratio Lower Upper

43 100

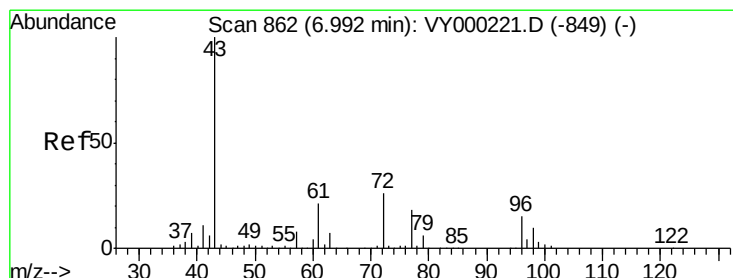
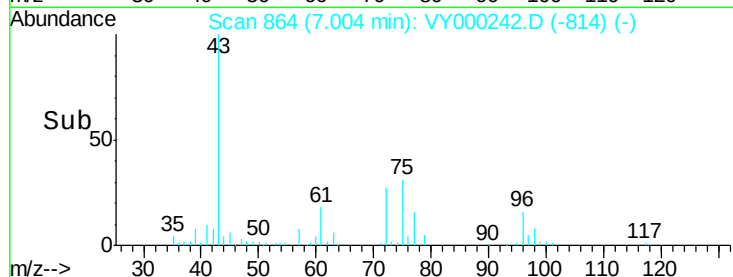
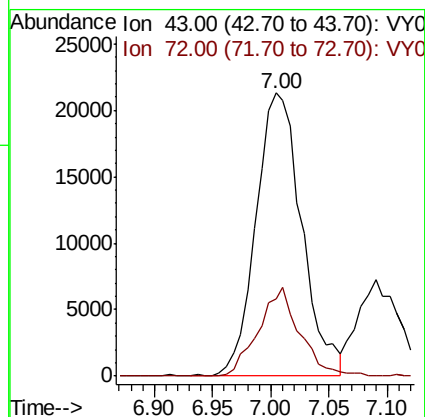
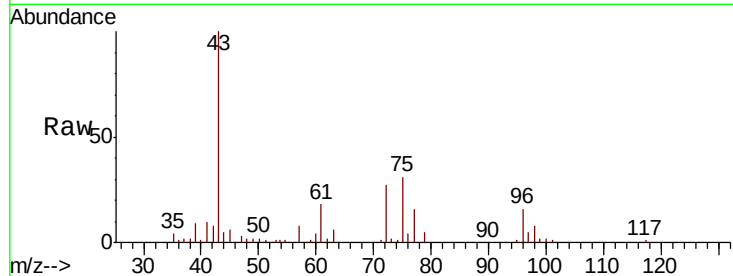
72 27.3 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 2.426 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000242.D

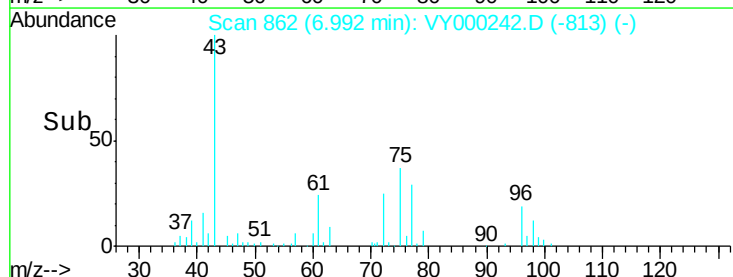
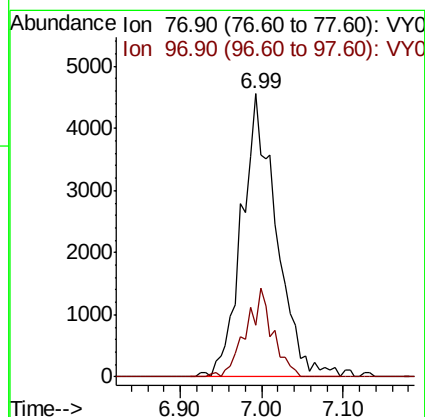
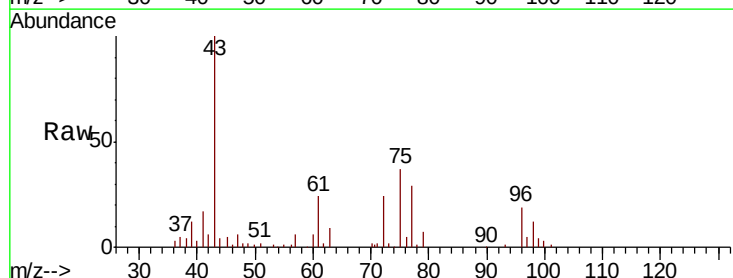
Acq: 09 Oct 2019 14:45

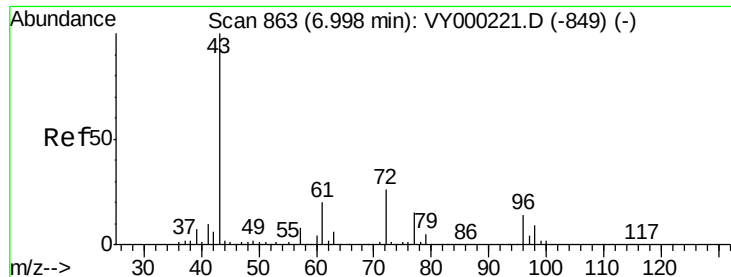
Tgt Ion: 77 Resp: 13434

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.0





#27

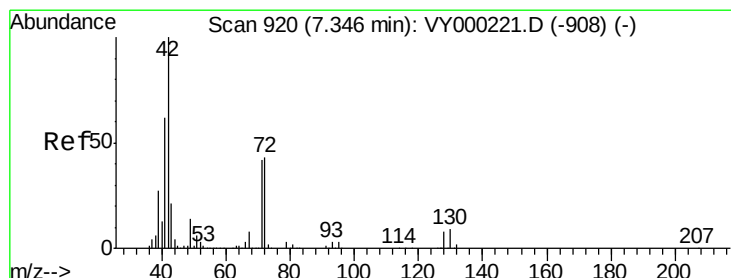
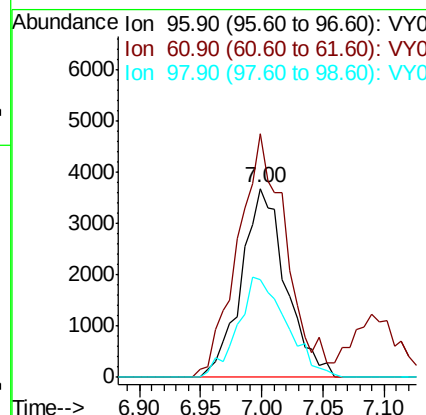
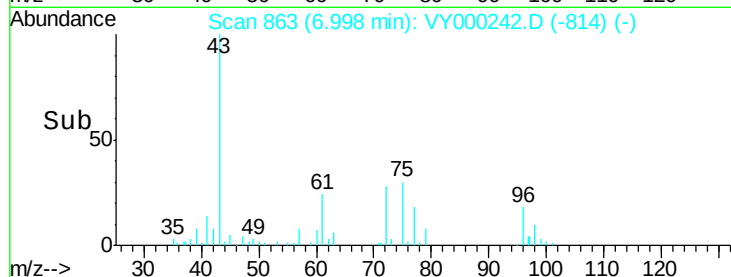
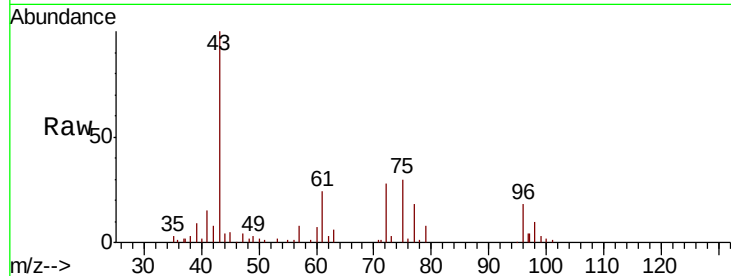
cis-1,2-Dichloroethene
Concen: 2.291 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.0	0.0	282.6
98	57.7	0.0	129.8

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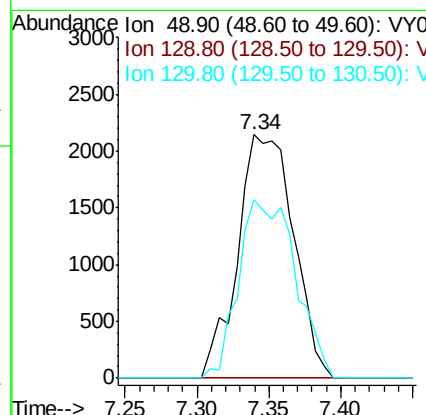
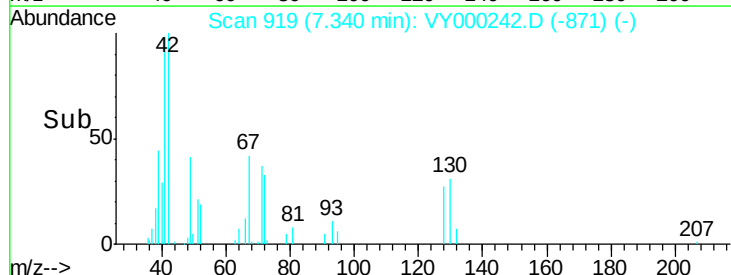
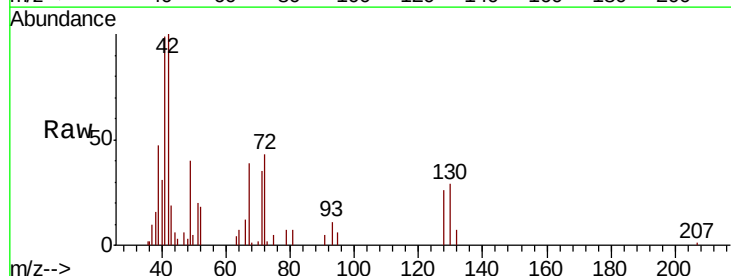
MMDadoda
10/11/2019 8:41:17 AM

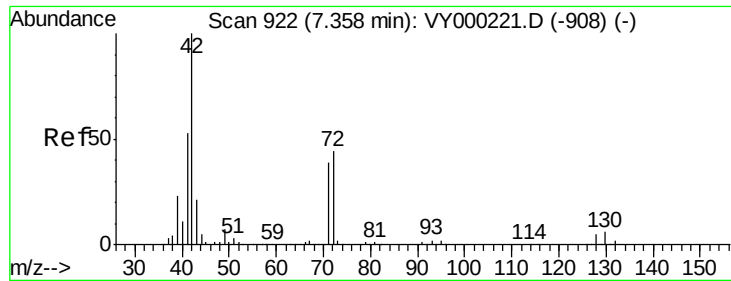


#28

Bromochloromethane
Concen: 2.860 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.2
130	74.8	56.5	84.7





#29

Tetrahydrofuran

Concen: 10.679 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

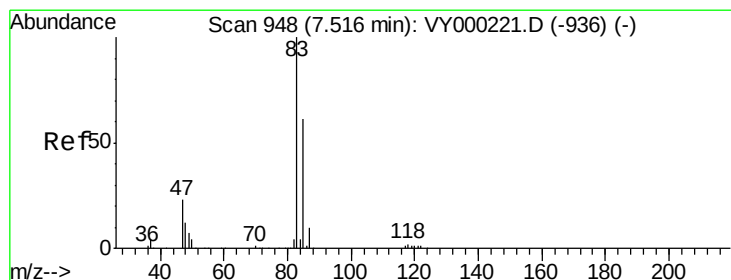
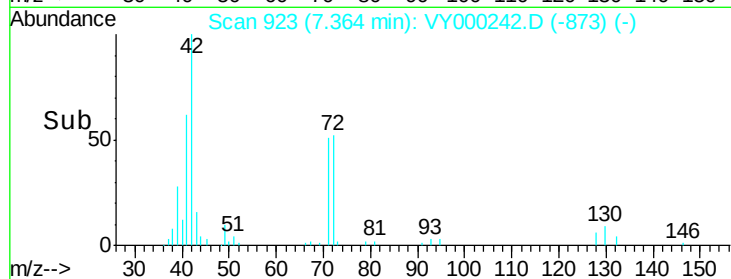
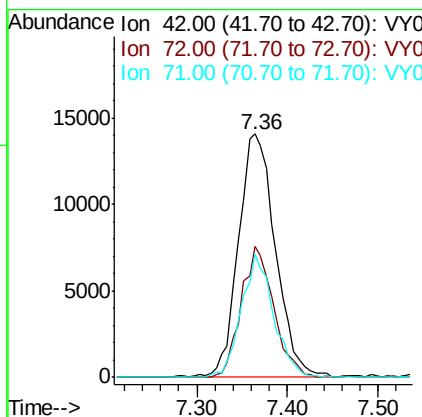
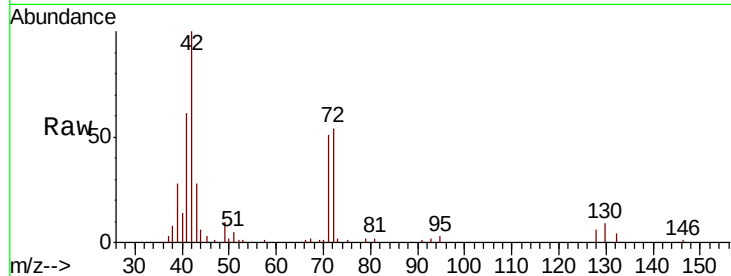
ClientSampleId :

2.5PPBMDL

Tot Ion:	42	Resp:	39832
Ion Ratio	Lower	Upper	
42	100		
72	46.9	34.6	51.8
71	44.2	31.9	47.9

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#30

Chloroform

Concen: 2.221 ug/l

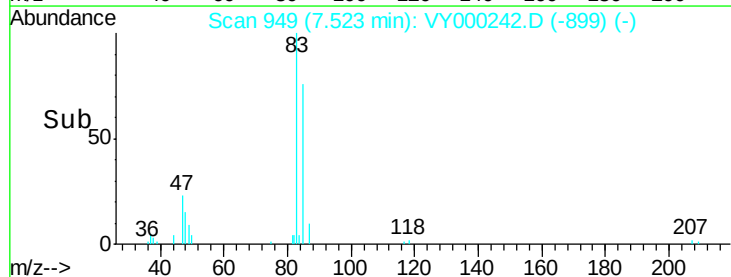
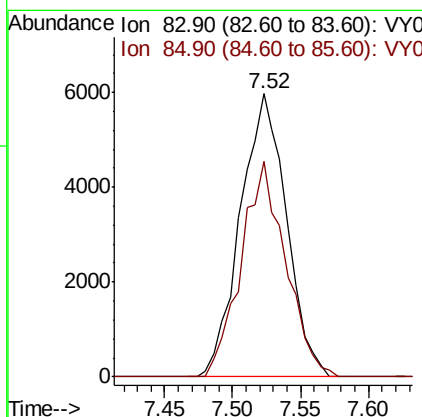
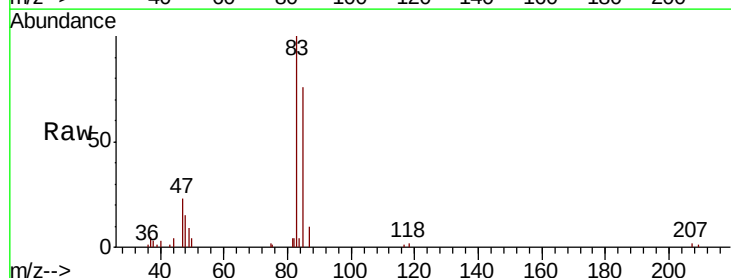
RT: 7.52 min Scan# 949

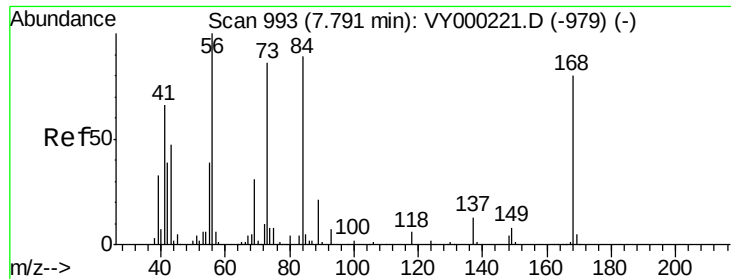
Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Tgt Ion:	83	Resp:	14142
Ion Ratio	Lower	Upper	
83	100		
85	76.2	48.9	73.3#





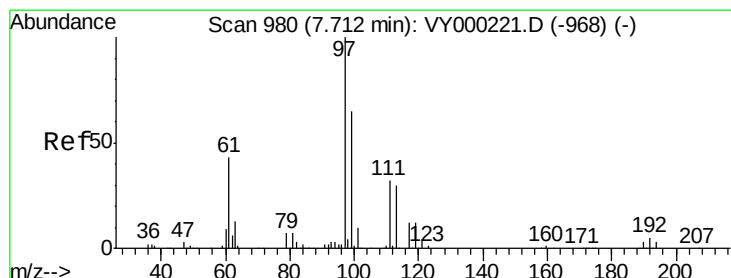
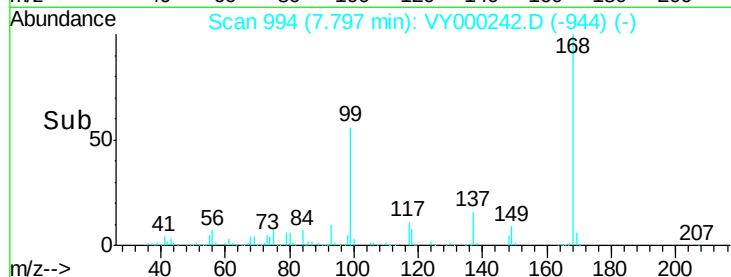
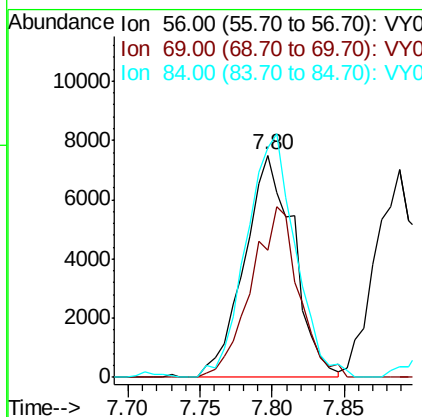
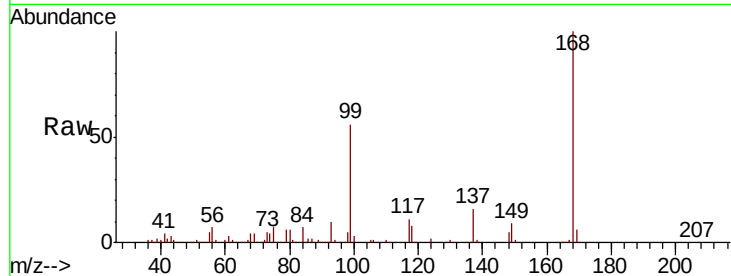
#31
Cyclohexane
Concen: 2.882 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	57.4	24.7	37.1#	
84	103.5	71.3	106.9	

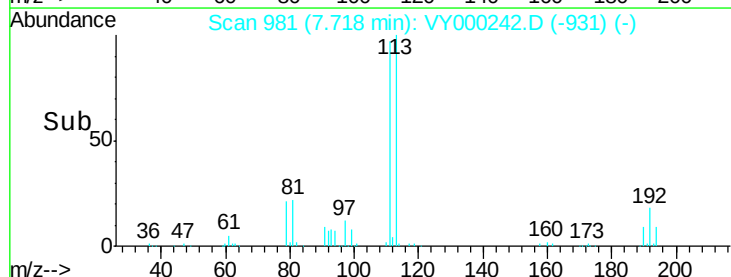
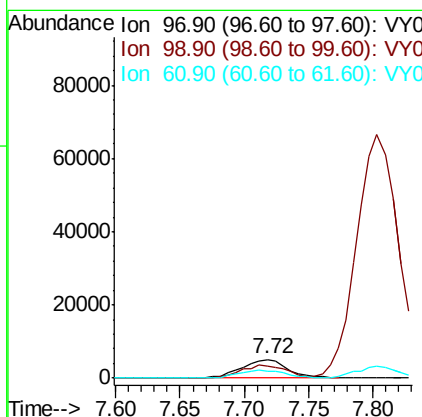
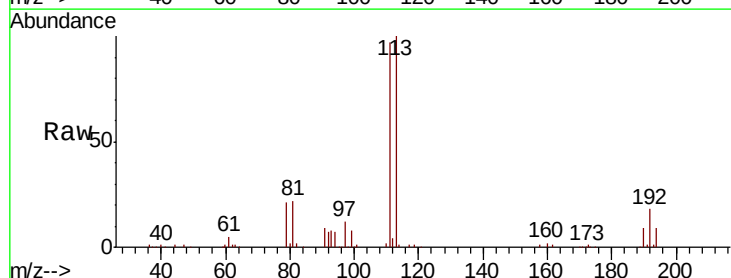
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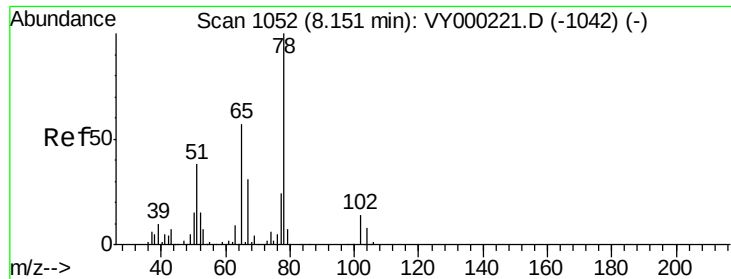
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#32
1,1,1-Trichloroethane
Concen: 2.343 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	66.3	51.4	77.2	
61	43.9	34.2	51.4	





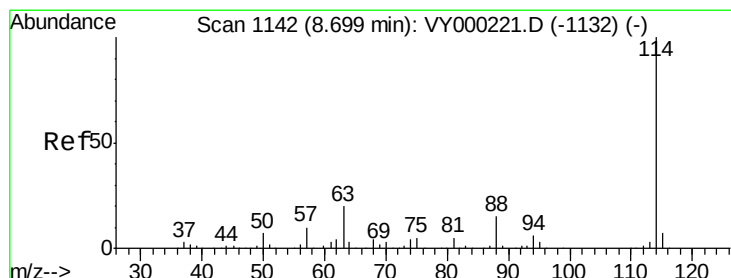
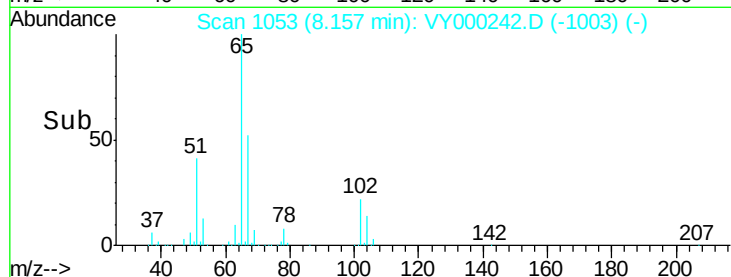
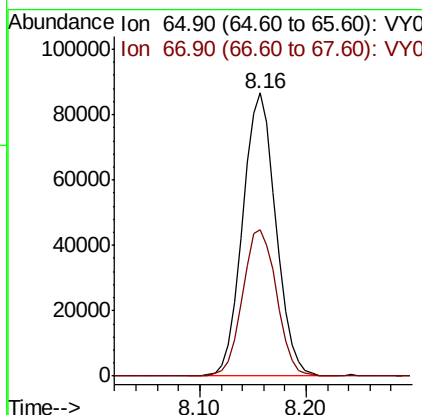
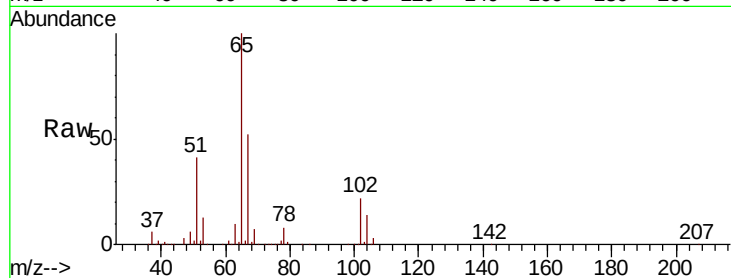
#33
 1,2-Dichloroethane-d4
 Concen: 52.668 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	189840		
67	52.9	0.0	109.0	

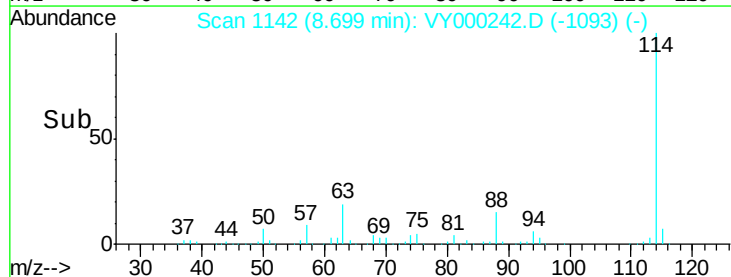
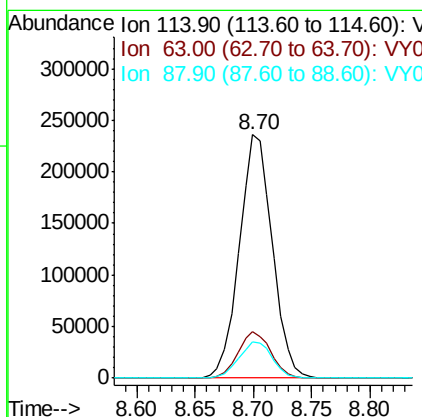
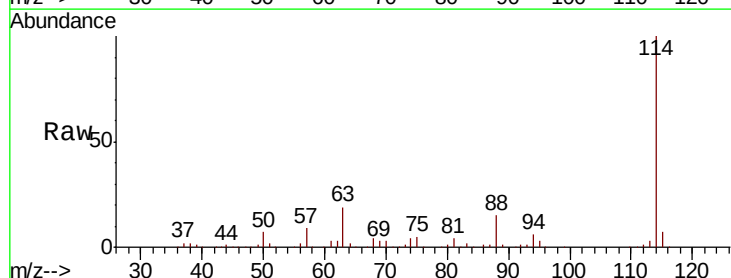
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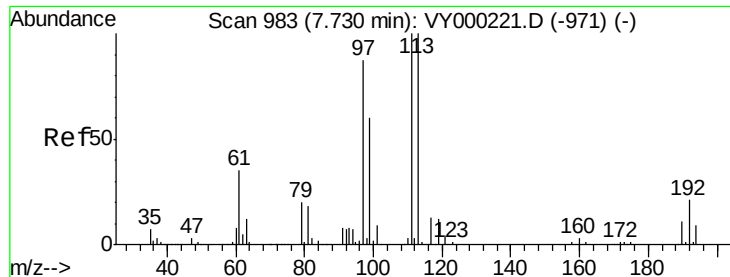
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	465540		
63	19.3	0.0	39.0	
88	14.7	0.0	30.6	





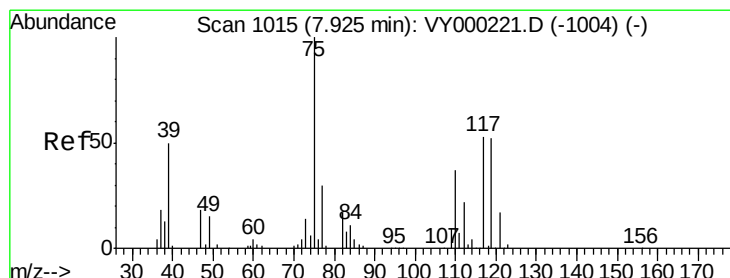
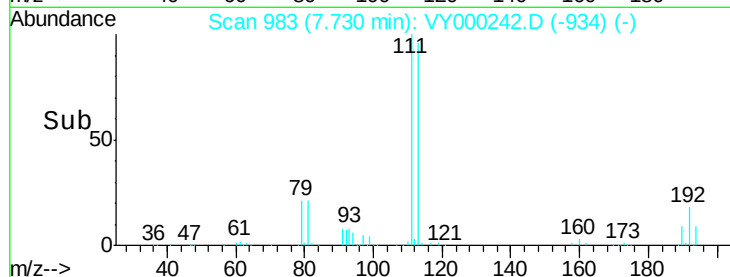
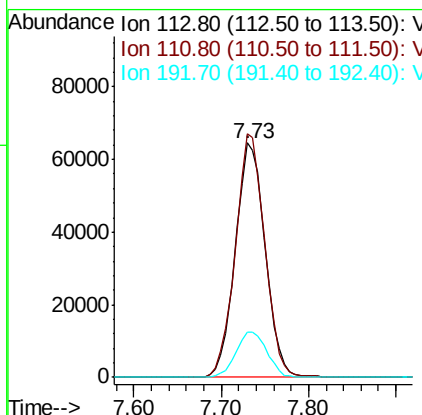
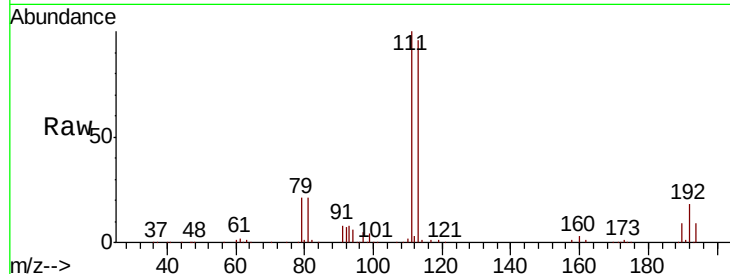
#35
Dibromofluoromethane
Concen: 52.898 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	20.2	15.8	23.8

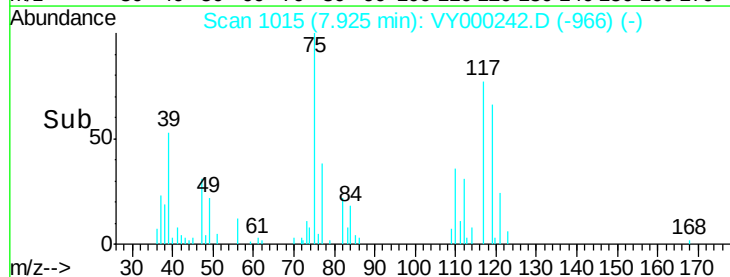
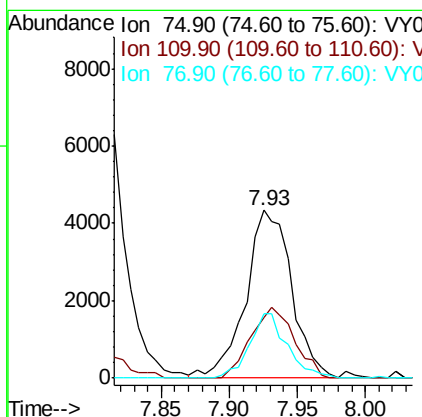
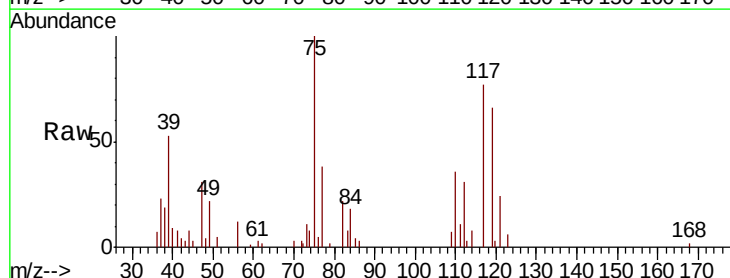
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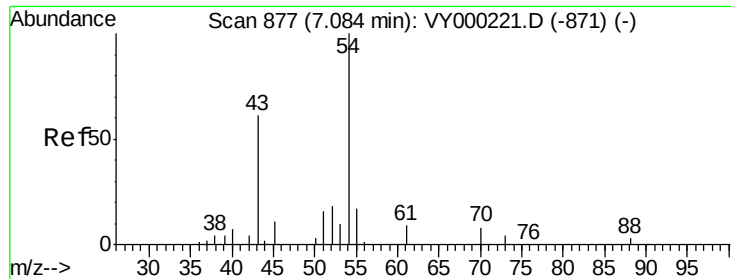
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#36
1,1-Dichloropropene
Concen: 2.159 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.1	18.4	55.2
77	31.7	24.7	37.1





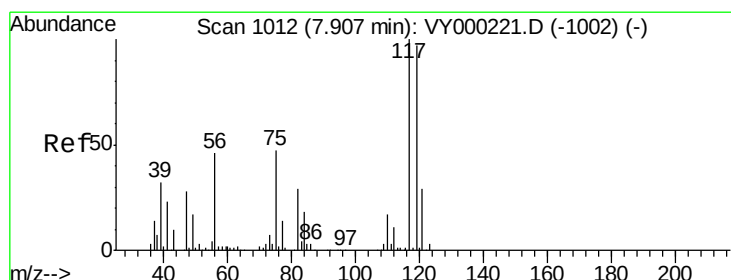
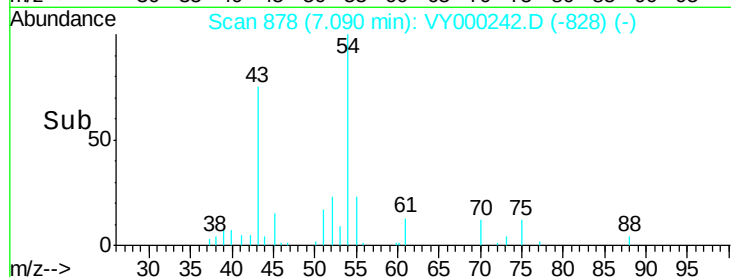
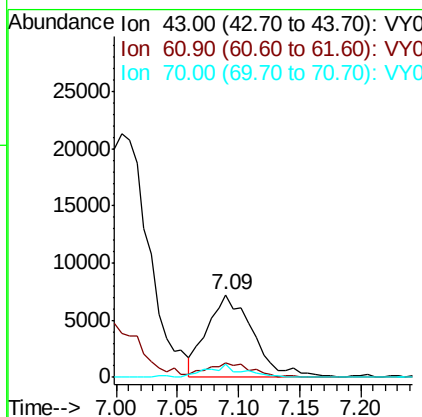
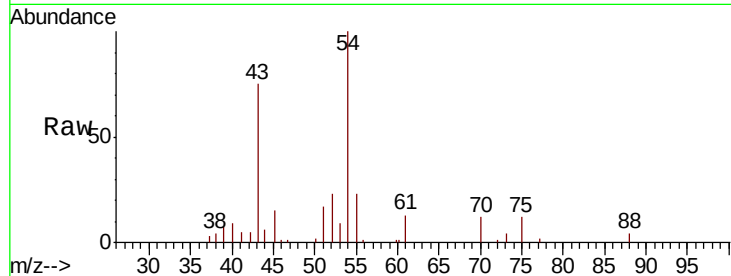
#37
Ethyl Acetate
Concen: 2.200 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	11.1	16.7
70	12.3	8.5	12.7

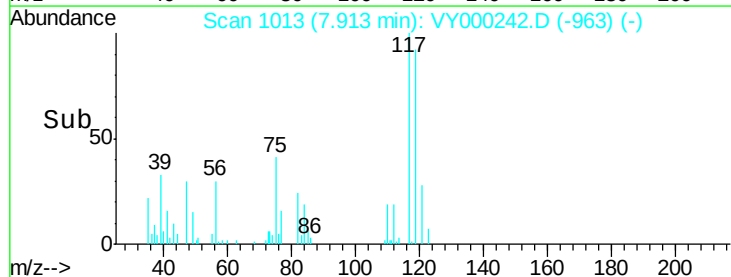
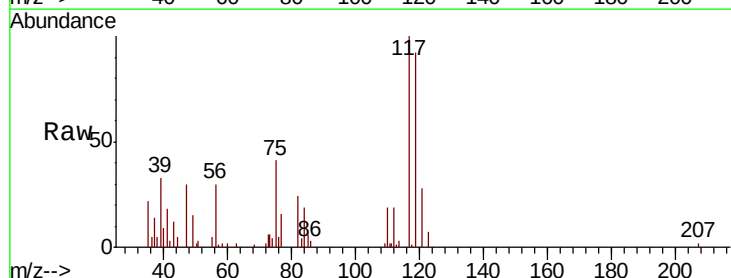
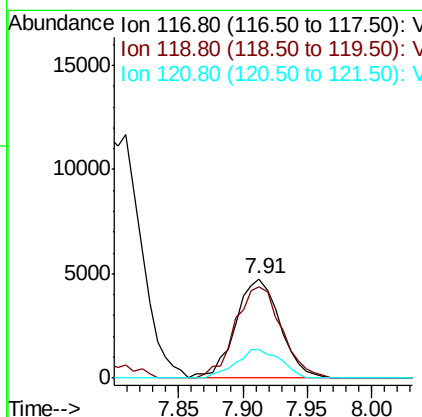
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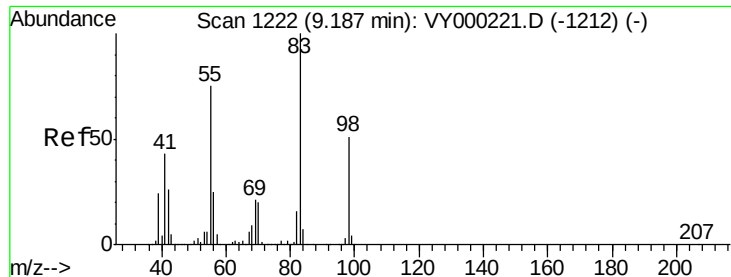
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#38
Carbon Tetrachloride
Concen: 2.456 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	77.2	115.8
121	28.1	23.1	34.7





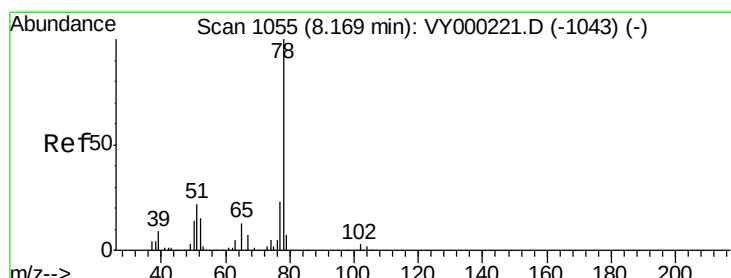
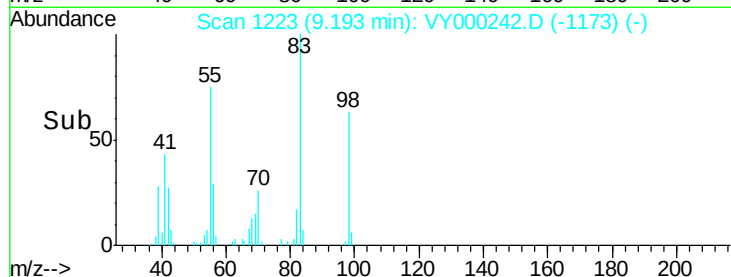
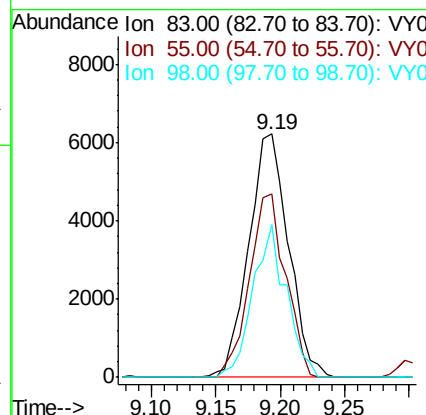
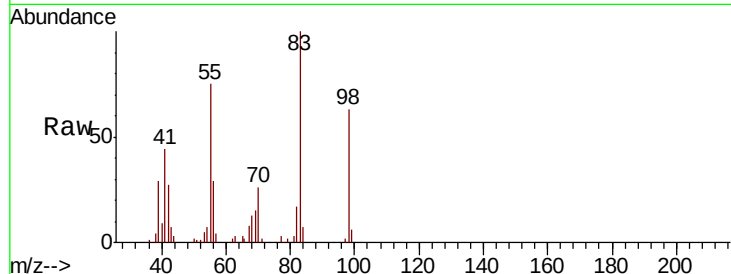
#39
Methvlcvclohexane
Concen: 2.233 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	60.2	90.4
98	62.8	40.5	60.7#

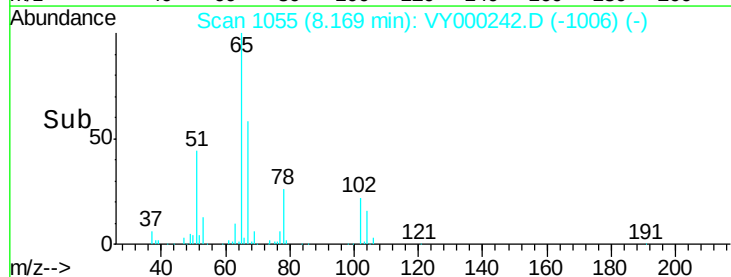
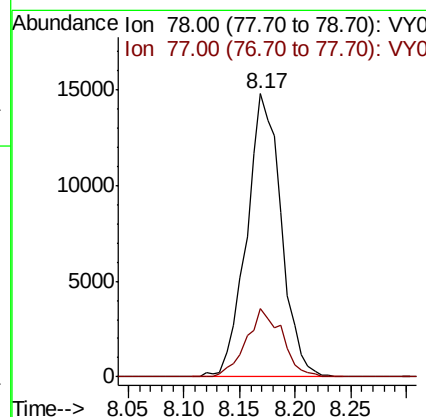
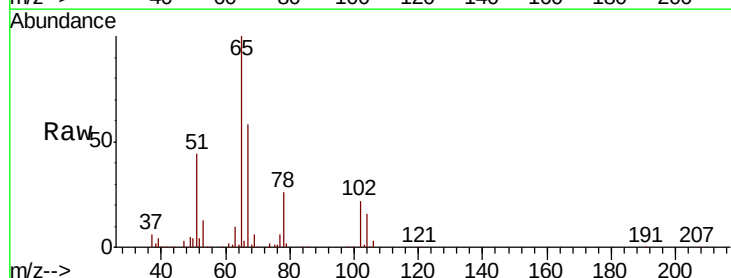
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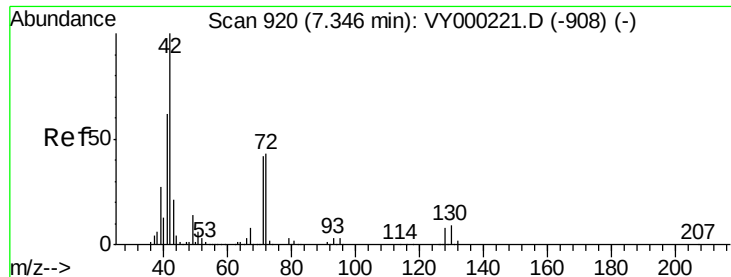
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#40
Benzene
Concen: 2.223 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	28.0





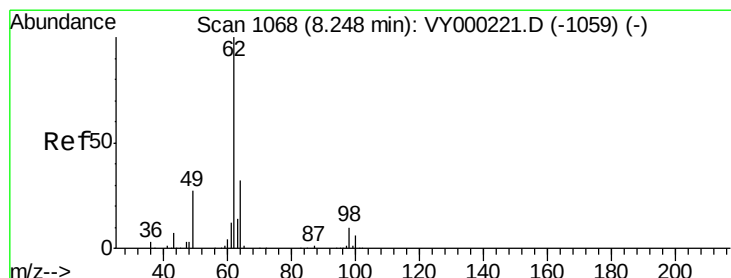
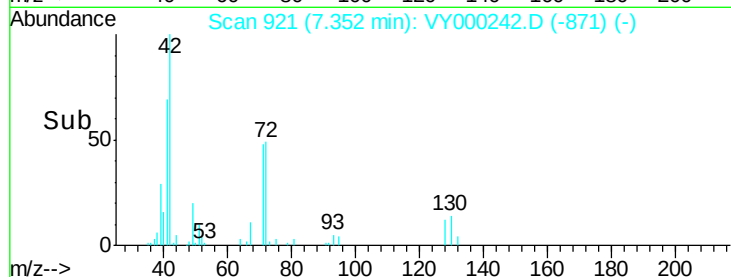
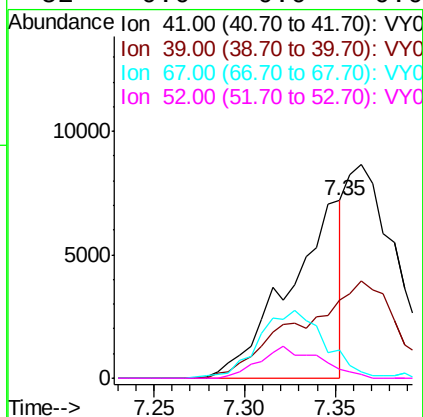
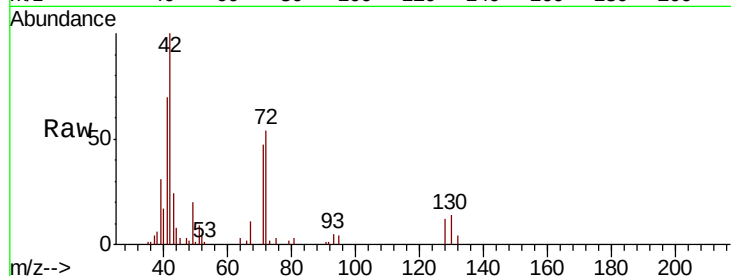
#41
Methacrylonitrile
Concen: 2.202 ug/l m
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion:	41	Resp:	14844
Ion	Ratio	Lower	Upper
41	100		
39	100.7	74.7	112.1
67	0.0	0.0	0.0
52	0.0	0.0	0.0

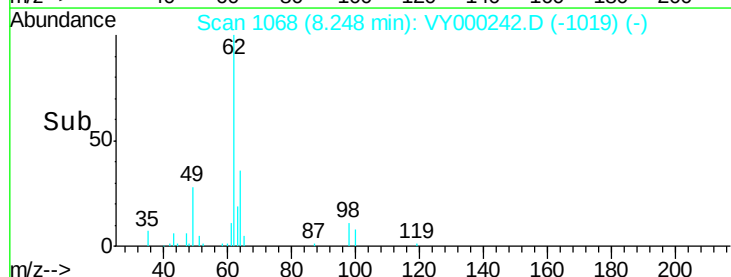
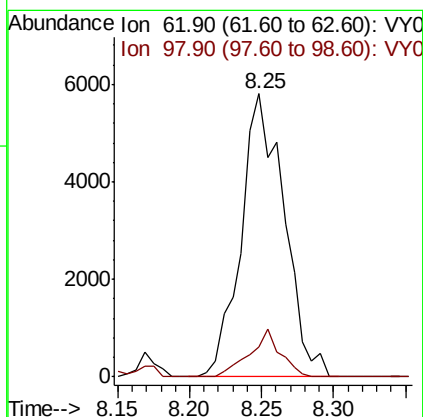
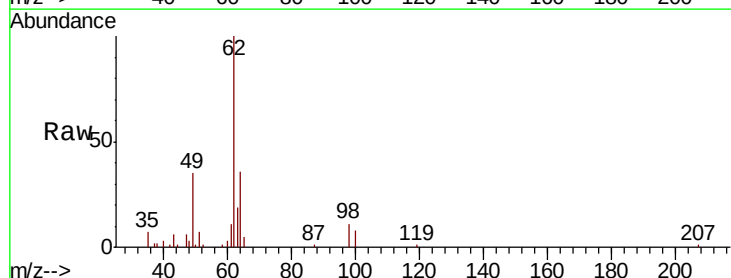
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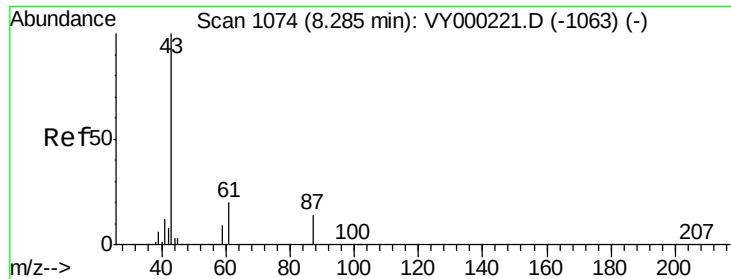
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#42
1,2-Dichloroethane
Concen: 2.574 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion:	62	Resp:	12014
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	20.0





#43

Isopropyl Acetate

Concen: 2.253 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

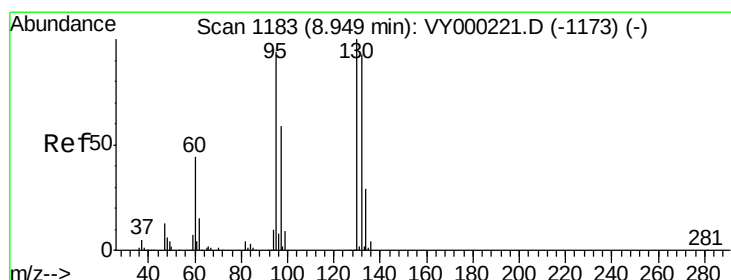
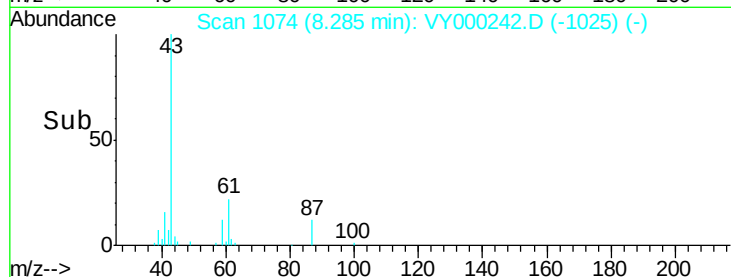
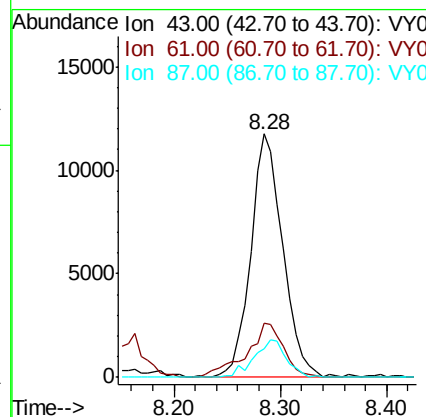
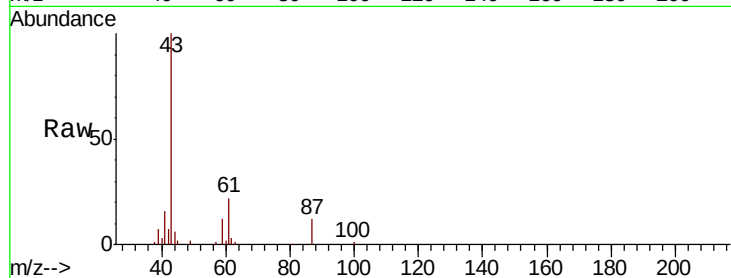
ClientSampleId :

2.5PPBMDL

Tot Ion:	43	Resp:	24838
Ion	Ratio	Lower	Upper
43	100		
61	25.7	20.1	30.1
87	15.6	10.6	15.8

Manual Integrations
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#44

Trichloroethene

Concen: 2.561 ug/l

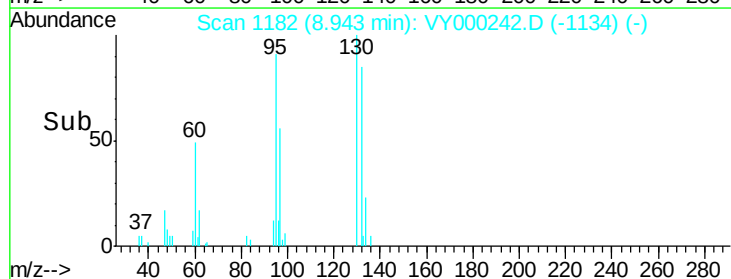
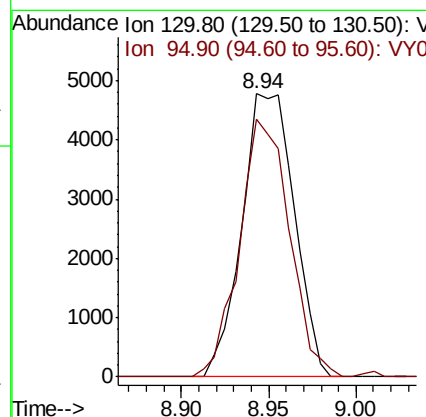
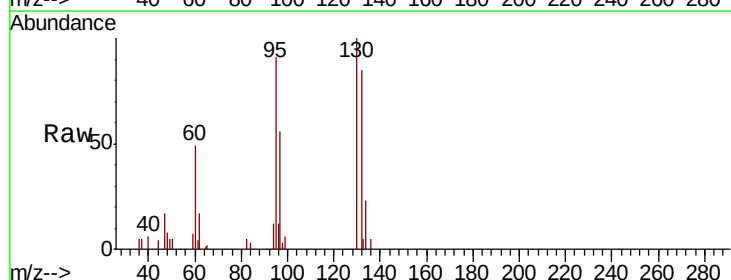
RT: 8.94 min Scan# 1182

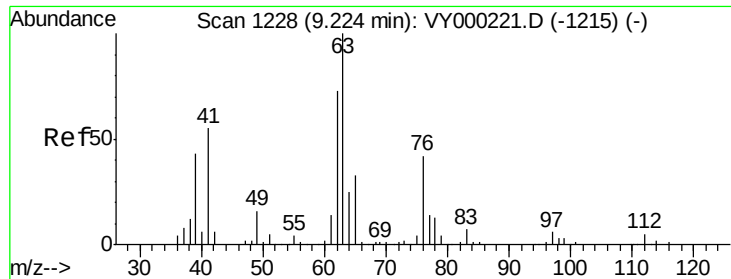
Delta R.T. -0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Tgt Ion:	130	Resp:	9978
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	189.0





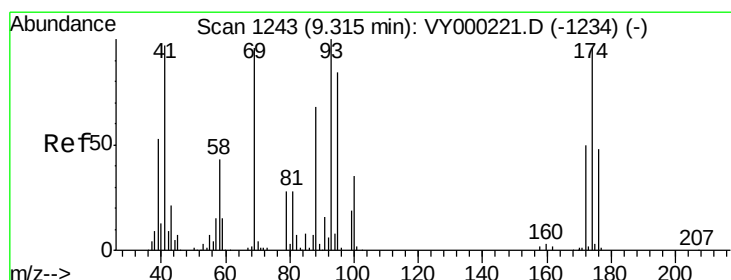
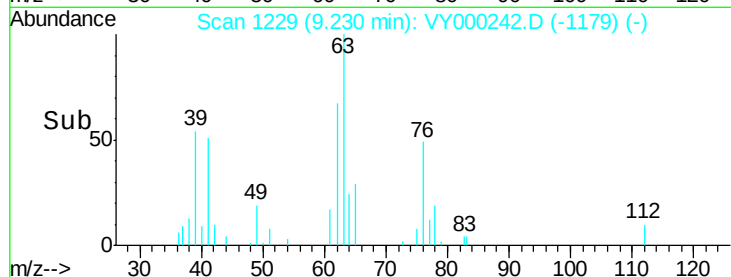
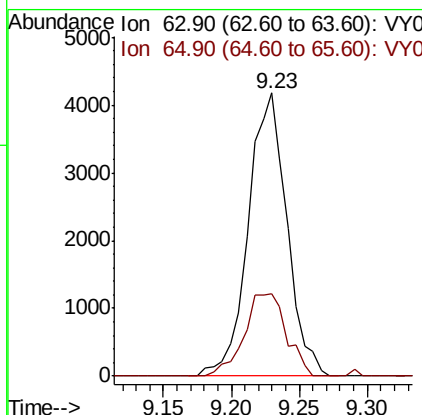
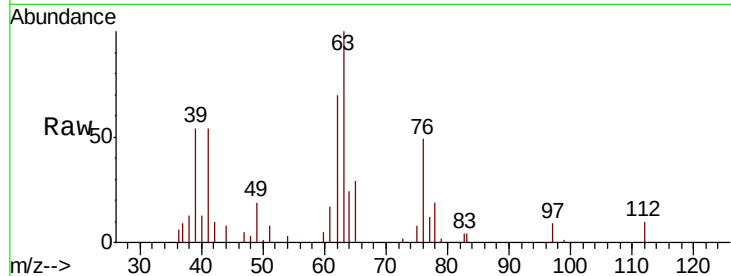
#45
 1,2-Dichloropropane
 Concen: 2.306 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion: 63 Resp: 8300
 Ion Ratio Lower Upper
 63 100
 65 29.2 26.6 39.8

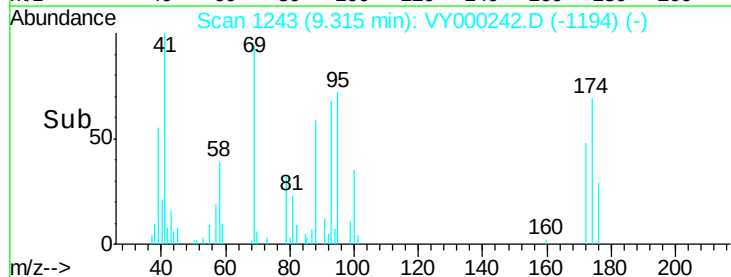
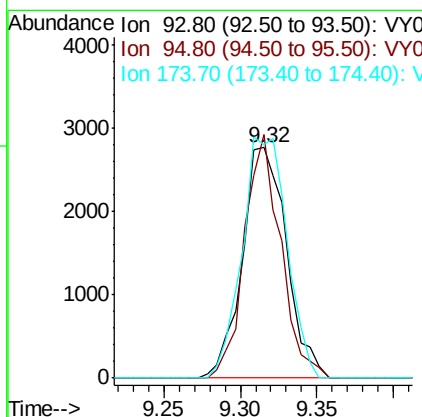
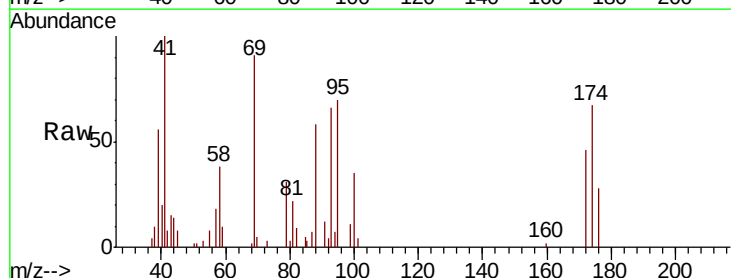
Manual Integrations
 APPROVED

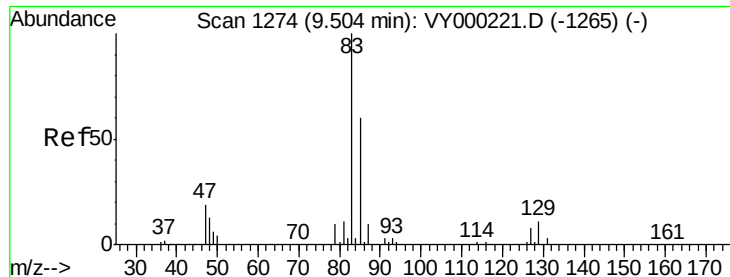
MMDadoda
 10/11/2019 8:41:17 AM



#46
 Dibromomethane
 Concen: 2.214 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Tgt Ion: 93 Resp: 5586
 Ion Ratio Lower Upper
 93 100
 95 86.3 67.0 100.6
 174 105.5 77.5 116.3





#47

Bromodichloromethane

Concen: 2.287 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

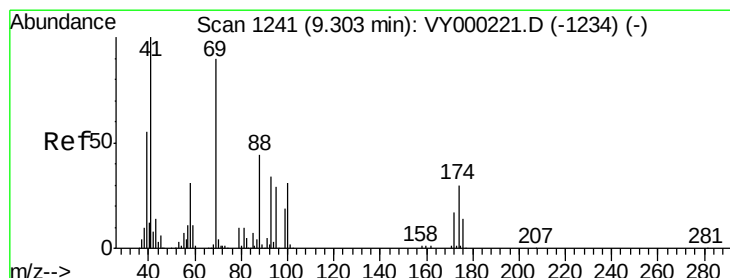
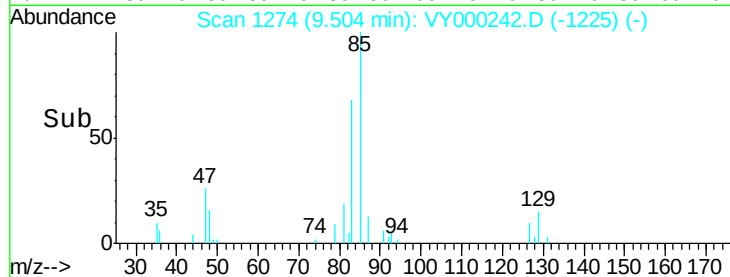
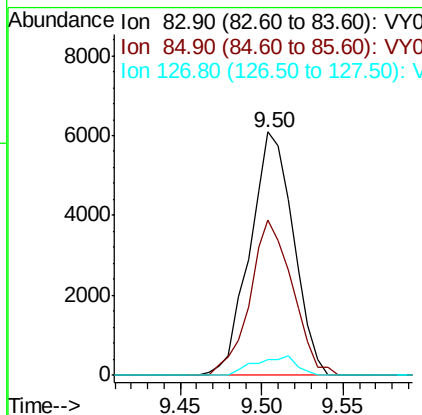
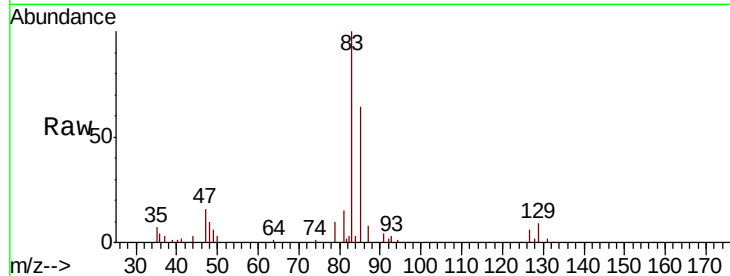
ClientSampleId :

2.5PPBMDL

Tot Ion:	83	Resp:	11288
Ion Ratio	Lower	Upper	
83	100		
85	63.8	48.0	72.0
127	6.4	6.5	9.7#

Manual Integrations
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MMDadoda
10/11/2019 8:41:17 AM



#48

Methyl methacrylate

Concen: 2.250 ug/l

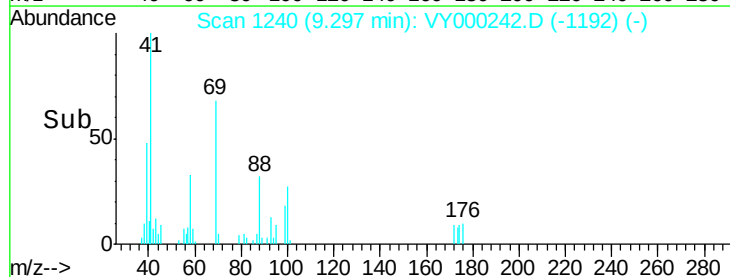
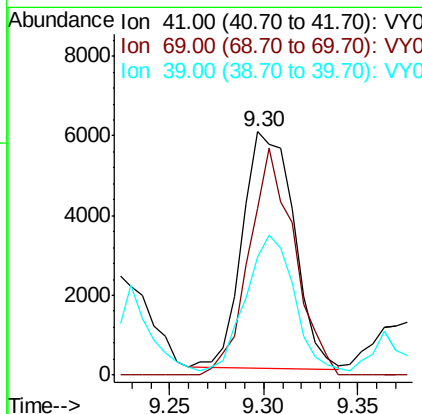
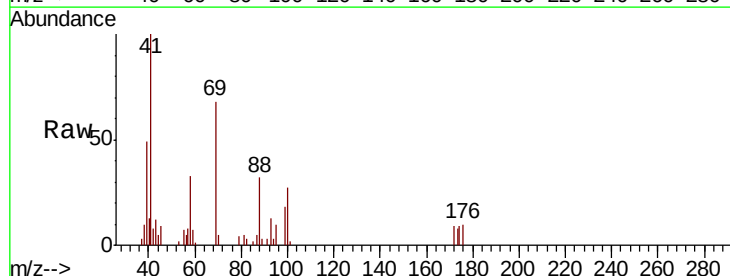
RT: 9.30 min Scan# 1240

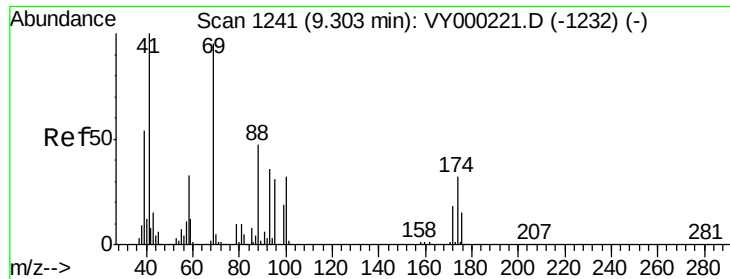
Delta R.T. -0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Tgt Ion:	41	Resp:	11195
Ion Ratio	Lower	Upper	
41	100		
69	84.5	70.3	105.5
39	54.6	45.5	68.3





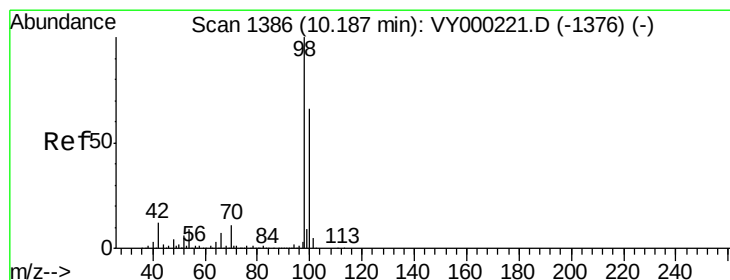
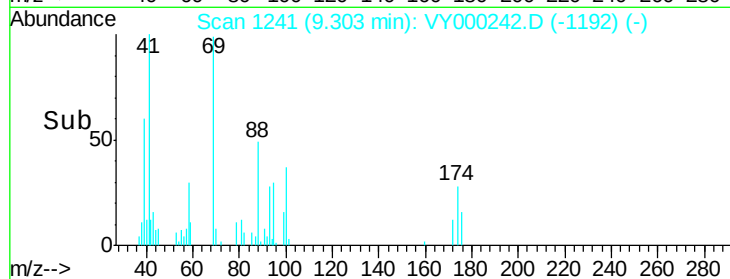
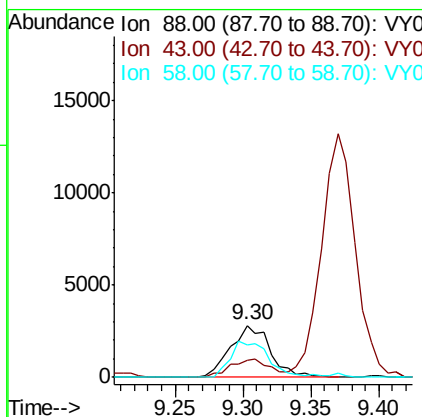
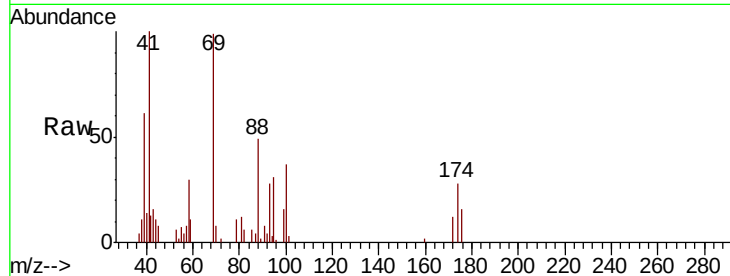
#49
1,4-Dioxane
Concen: 44.992 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	24.5	36.7
58	67.3	54.2	81.2

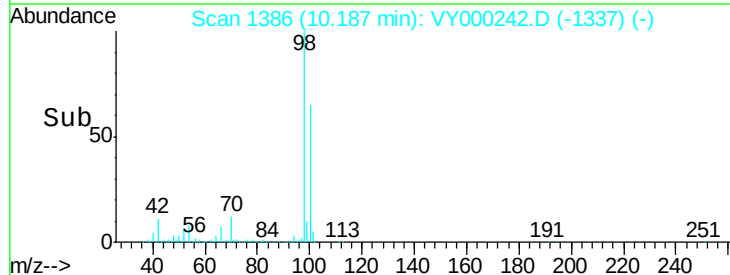
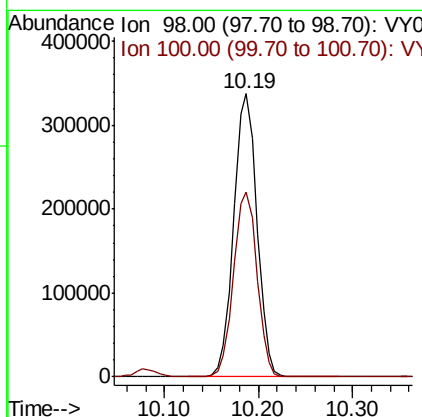
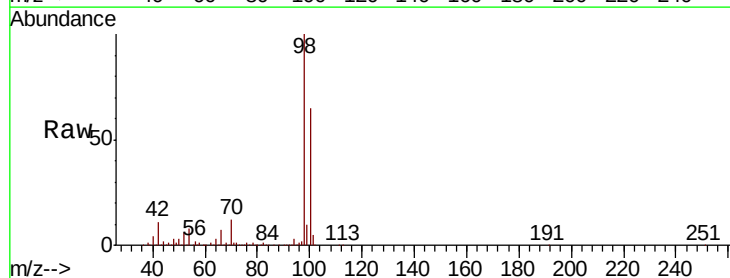
Manual Integrations
APPROVED

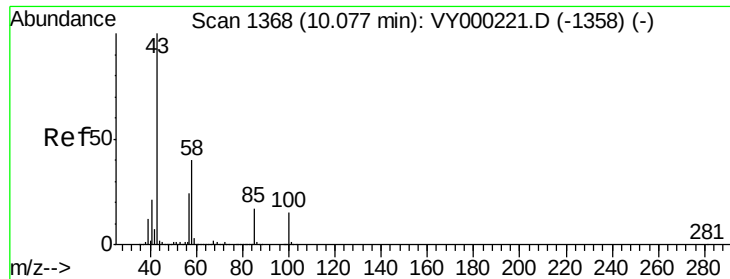
MMDadoda
10/11/2019 8:41:17 AM



#50
Toluene-d8
Concen: 50.750 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 11.464 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion: 43 Resp: 94967

Ion Ratio Lower Upper

43 100

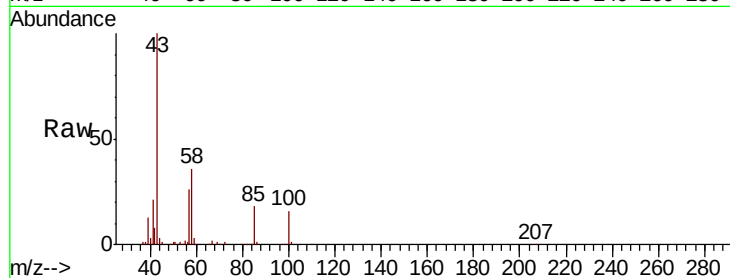
58 38.2 31.7 47.5

Manual Integrations

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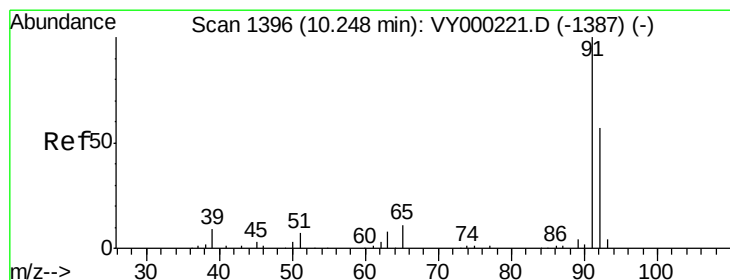
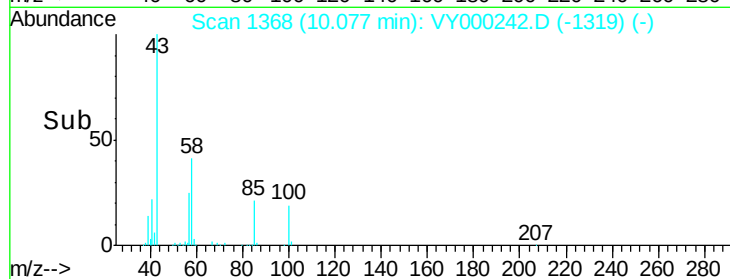
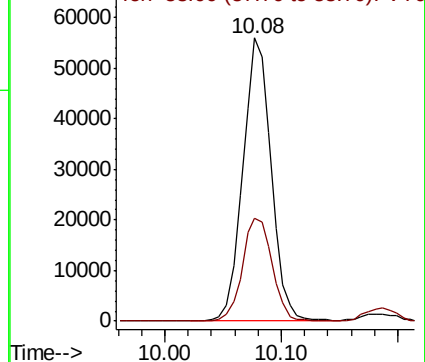
MMDadoda

10/11/2019 8:41:17 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 2.194 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY000242.D

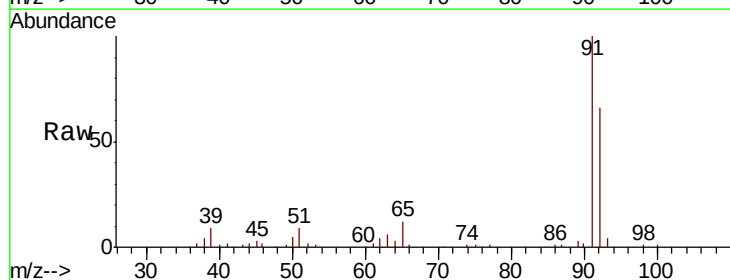
Acq: 09 Oct 2019 14:45

Tgt Ion: 92 Resp: 20220

Ion Ratio Lower Upper

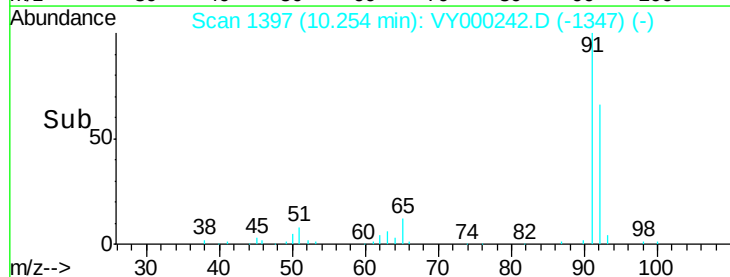
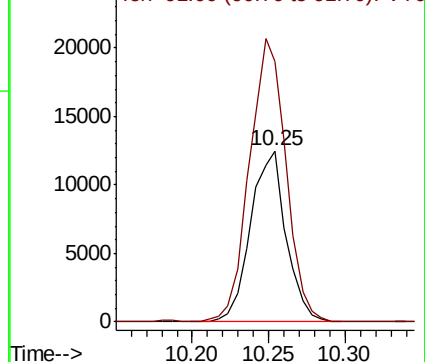
92 100

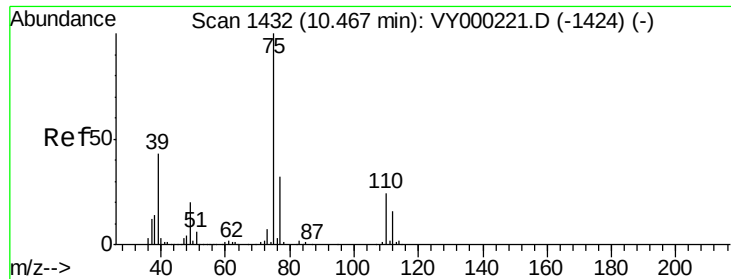
91 169.7 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





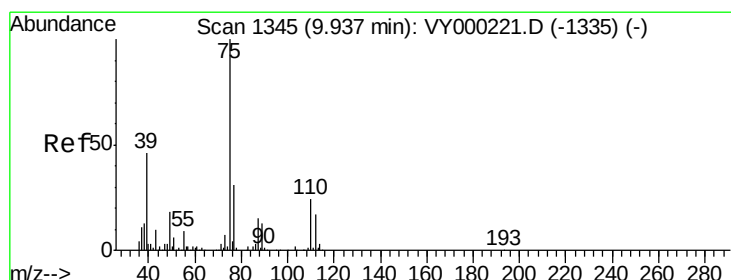
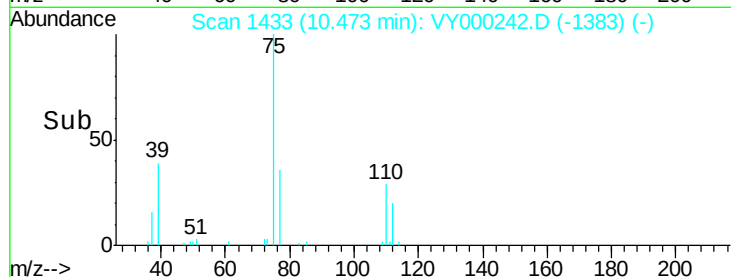
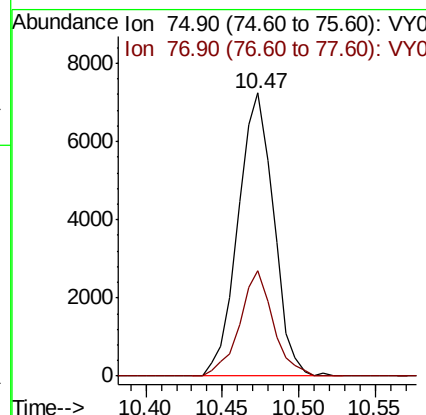
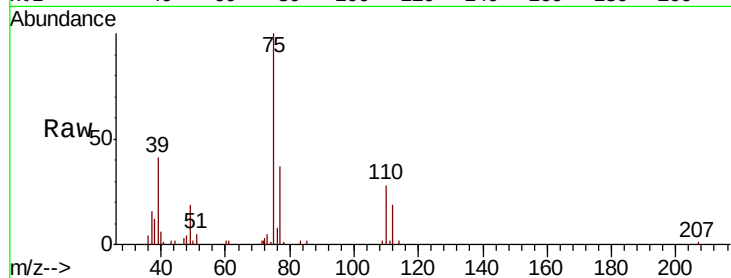
#53
t-1,3-Dichloropropene
Concen: 2.085 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion: 75 Resp: 11677
Ion Ratio Lower Upper
75 100
77 37.5 25.3 37.9

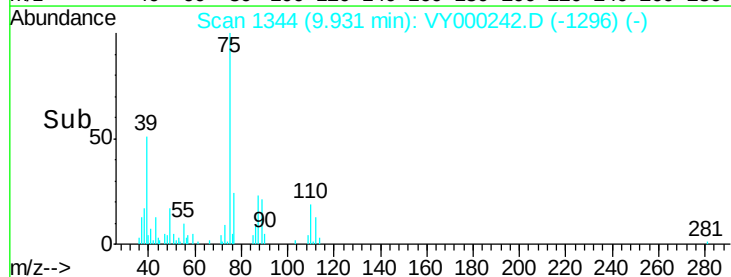
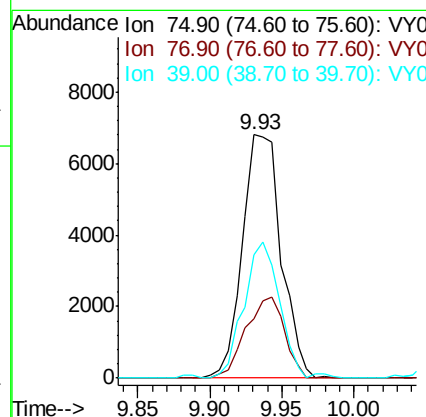
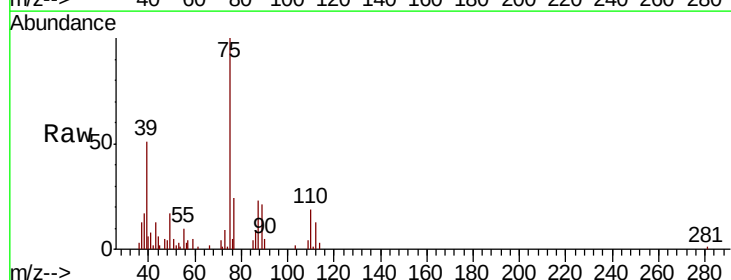
Manual Integrations
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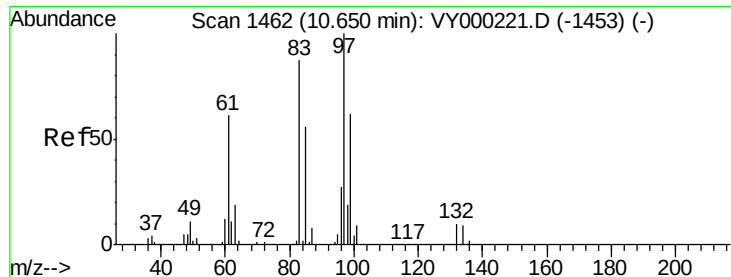
MMDadoda
10/11/2019 8:41:17 AM



#54
cis-1,3-Dichloropropene
Concen: 2.098 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion: 75 Resp: 12714
Ion Ratio Lower Upper
75 100
77 24.5 25.0 37.4#
39 50.6 36.3 54.5





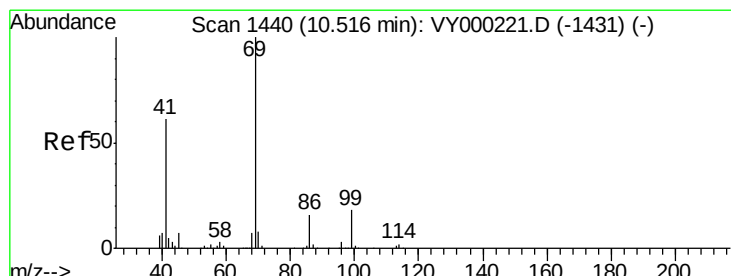
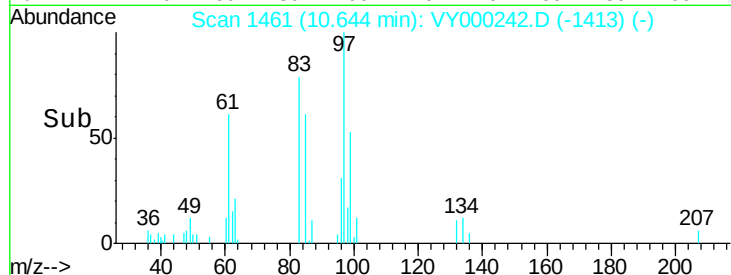
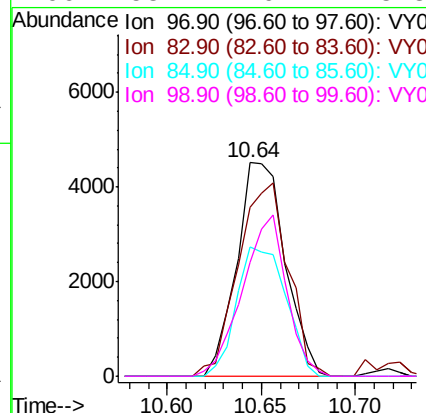
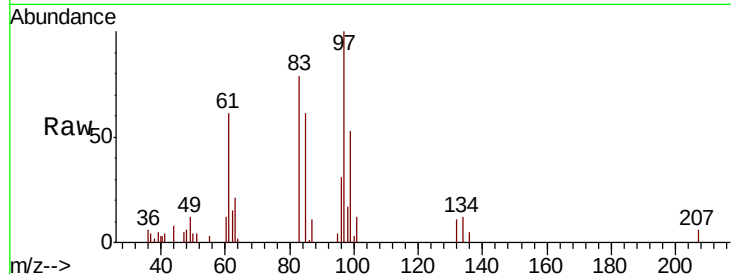
#55
 1,1,2-Trichloroethane
 Concen: 2.217 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
97	100		
83	79.0	69.4	104.0
85	60.6	44.6	66.8
99	53.2	49.2	73.8

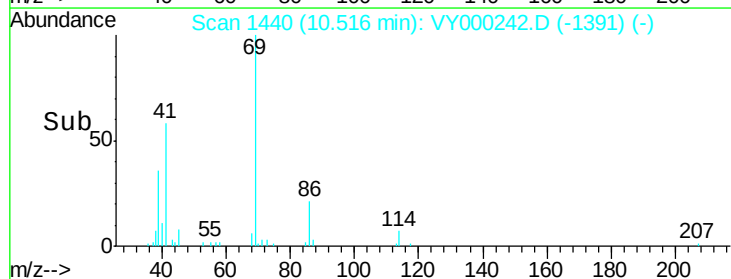
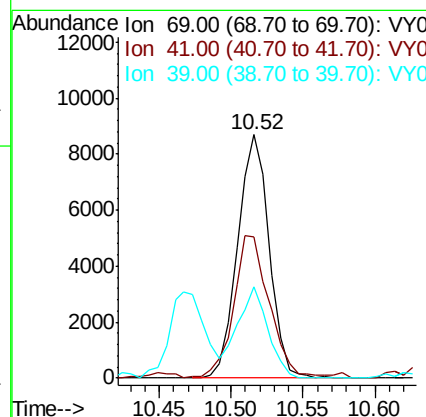
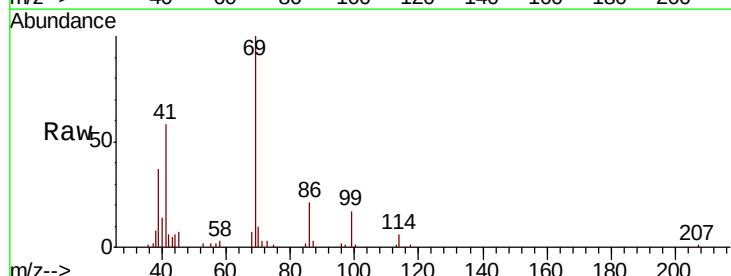
Manual Integrations
 APPROVED

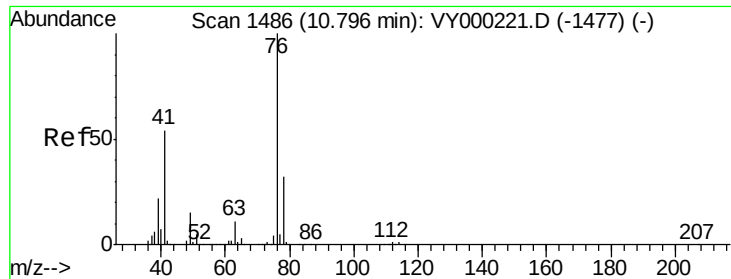
MMDadoda
 10/11/2019 8:41:17 AM



#56
 Ethyl methacrylate
 Concen: 2.071 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.9	51.2	76.8
39	36.5	27.0	40.4





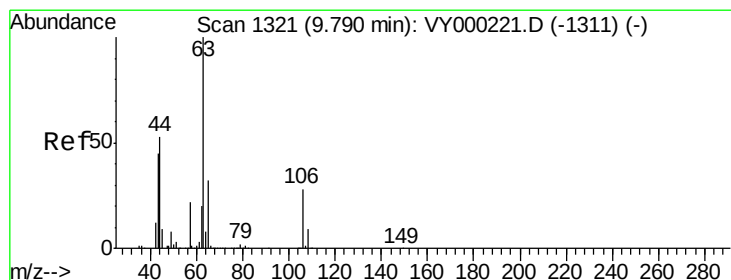
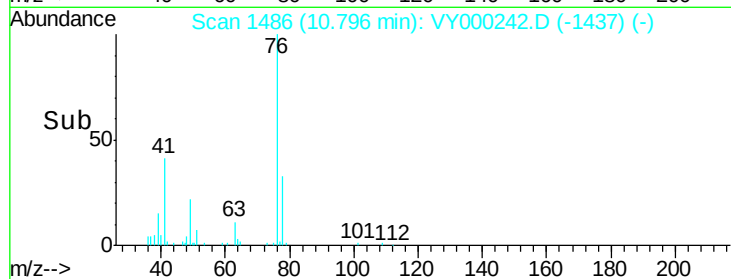
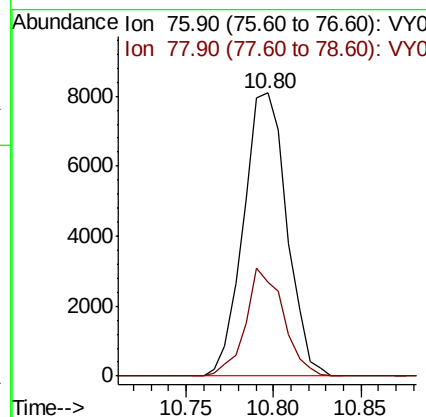
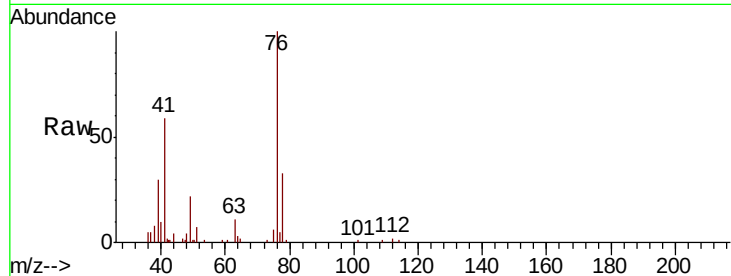
#57
 1,3-Dichloropropane
 Concen: 2.251 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion: 76 Resp: 13970
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.0 39.0

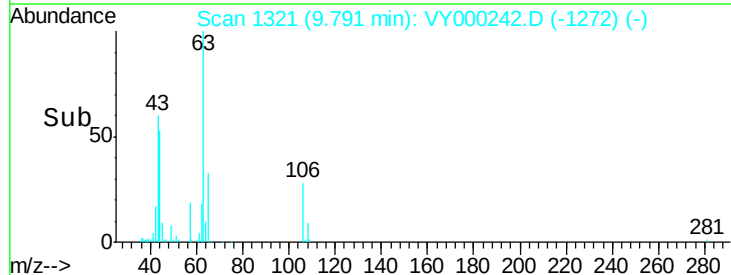
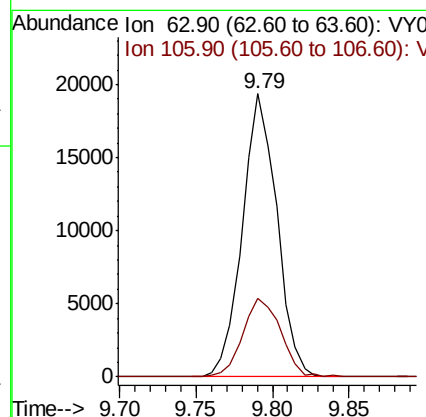
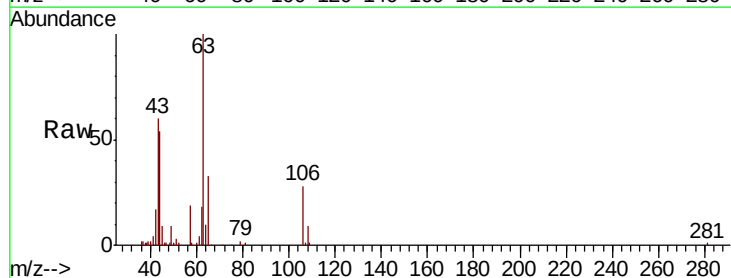
Manual Integrations
 APPROVED

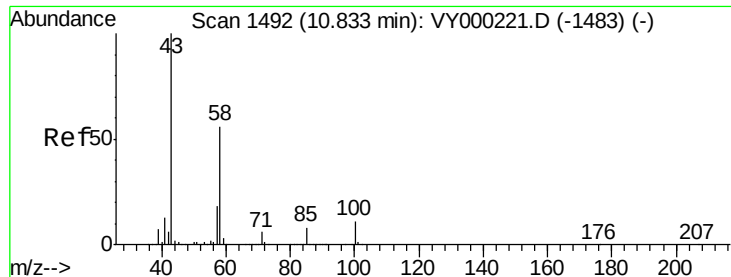
MMDadoda
 10/11/2019 8:41:17 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 10.644 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Tgt Ion: 63 Resp: 30355
 Ion Ratio Lower Upper
 63 100
 106 30.6 22.6 33.8





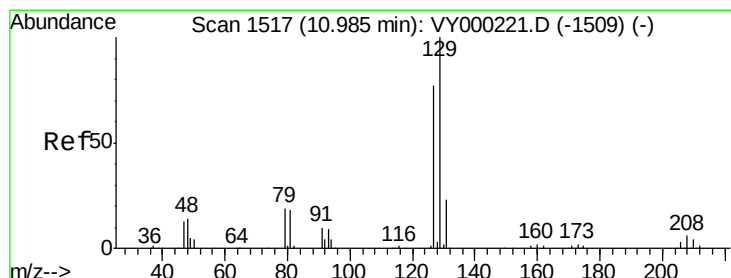
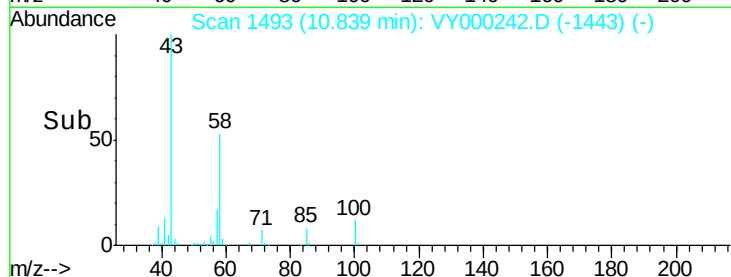
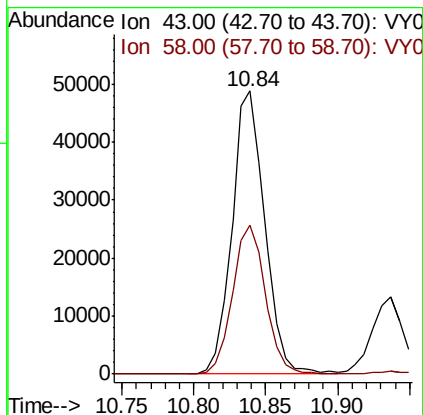
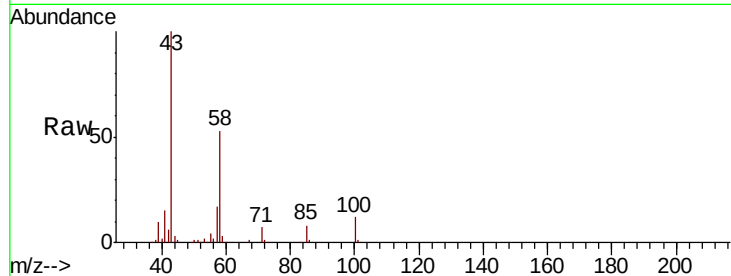
#59
2-Hexanone
Concen: 10.971 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion: 43 Resp: 77026
Ion Ratio Lower Upper
43 100
58 53.2 28.2 84.6

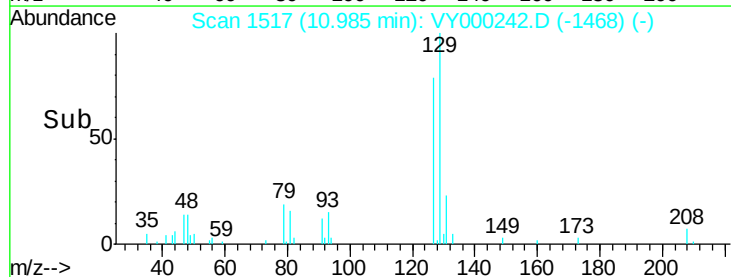
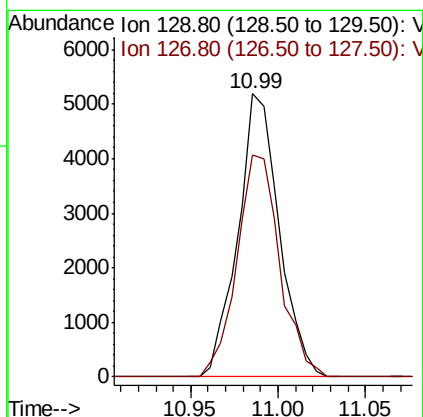
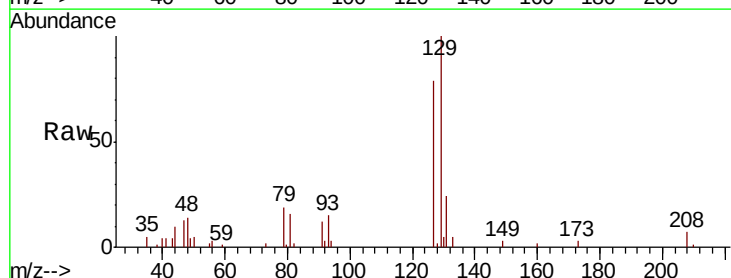
Manual Integrations
APPROVED

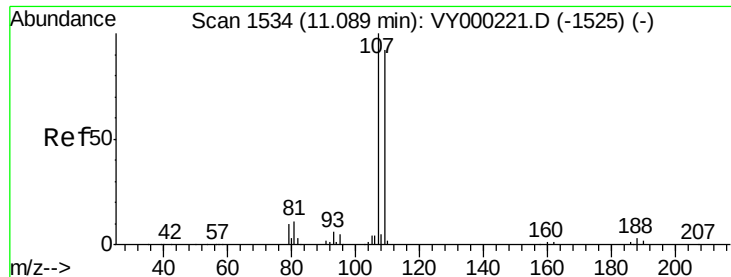
MMDadoda
10/11/2019 8:41:17 AM



#60
Dibromochloromethane
Concen: 2.211 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion: 129 Resp: 8494
Ion Ratio Lower Upper
129 100
127 81.6 39.1 117.2





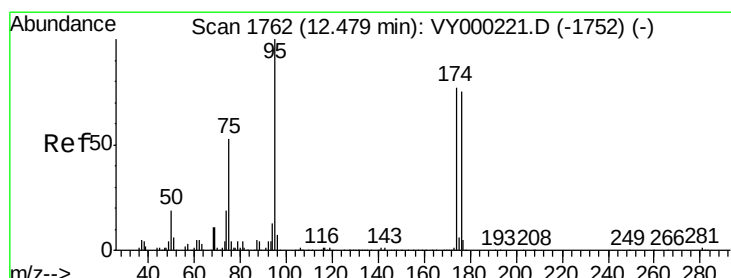
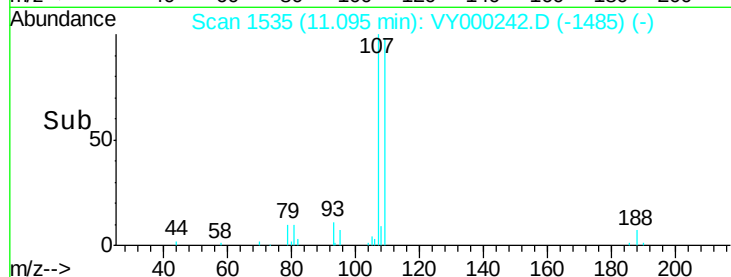
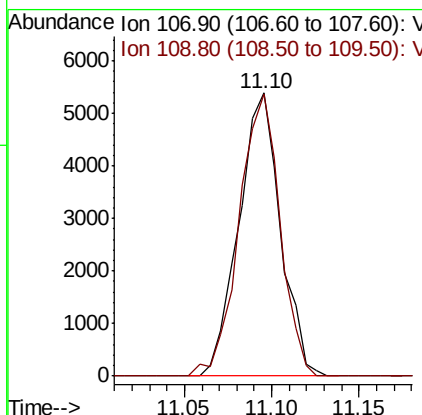
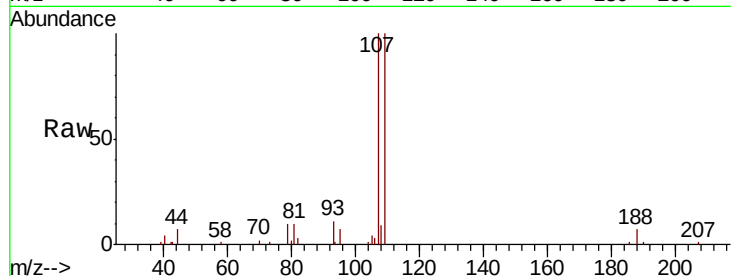
#61
 1,2-Dibromoethane
 Concen: 2.311 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.6	75.0	112.6

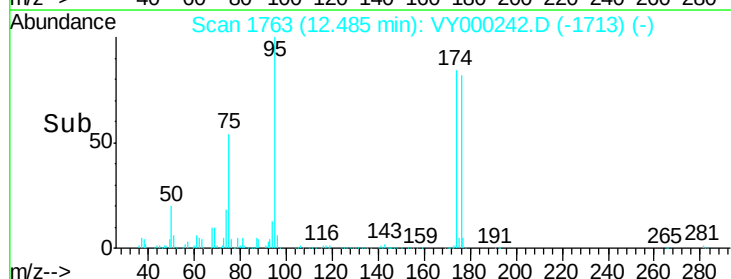
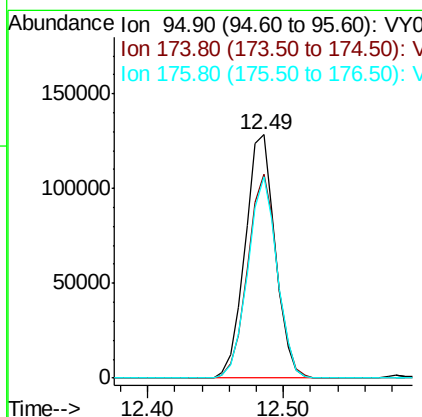
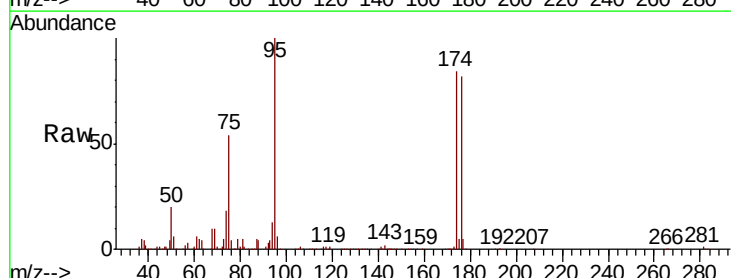
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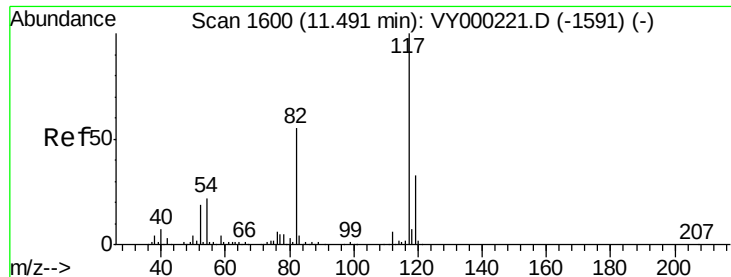
MMDadoda
 10/11/2019 8:41:17 AM



#62
 4-Bromofluorobenzene
 Concen: 49.268 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	157.0
176	81.0	0.0	153.0





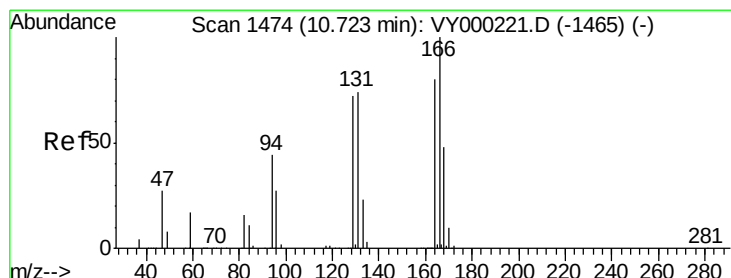
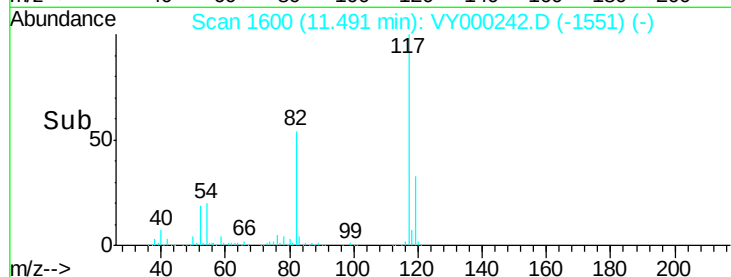
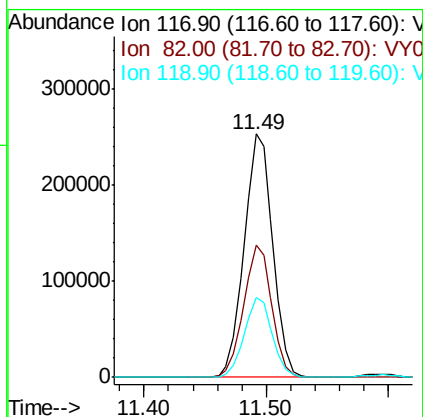
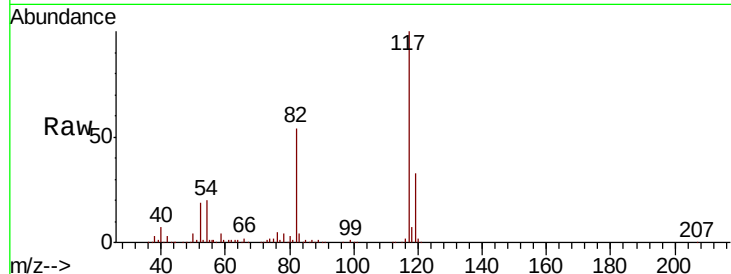
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	409981		
82	54.1		44.4	66.6
119	33.0		26.2	39.2

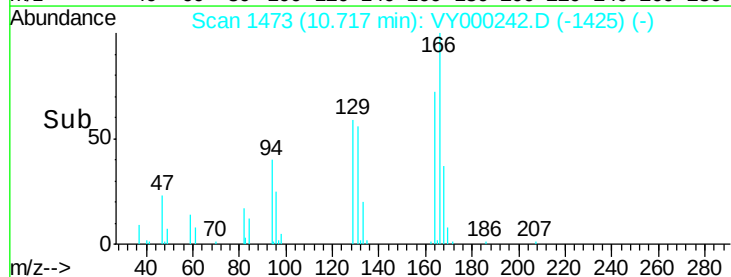
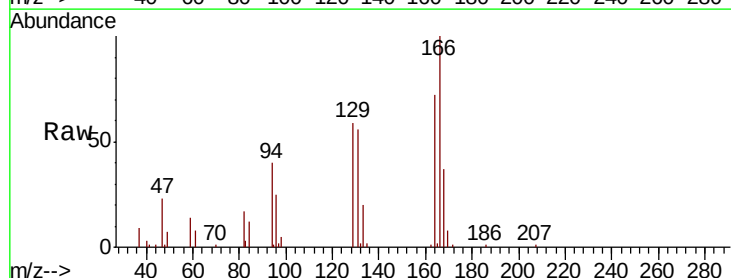
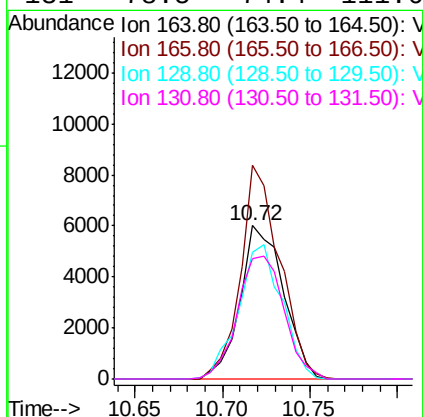
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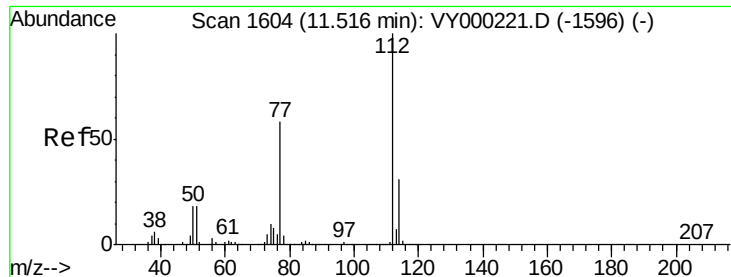
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#64
Tetrachloroethene
Concen: 2.766 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	10364		
166	139.5		100.3	150.5
129	82.5		72.4	108.6
131	78.5		74.4	111.6





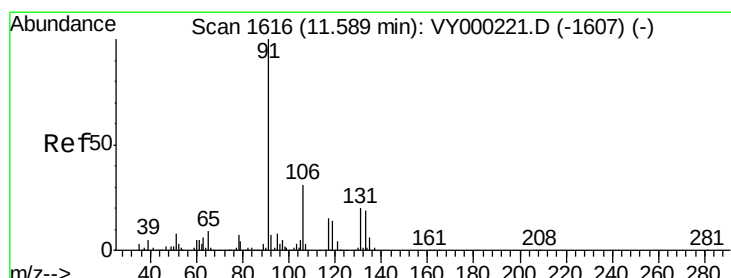
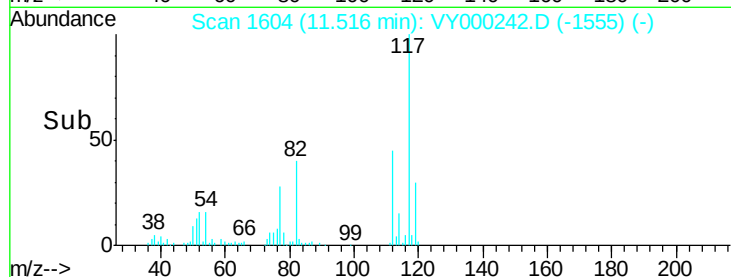
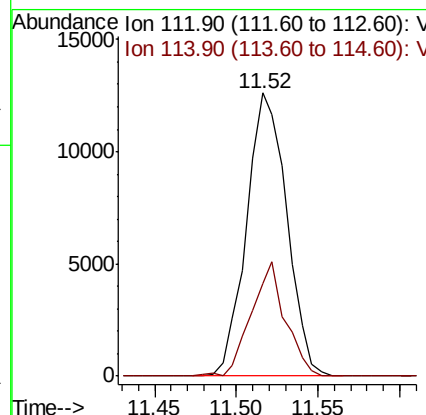
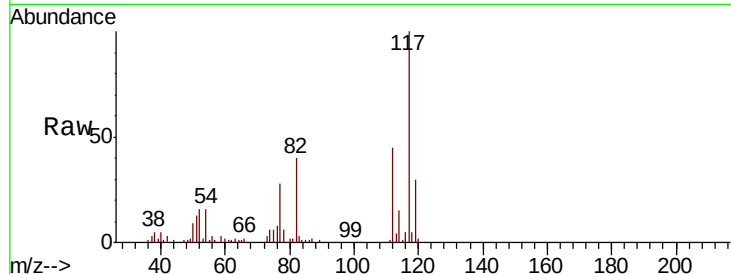
#65
Chlorobenzene
Concen: 2.285 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.0	37.4

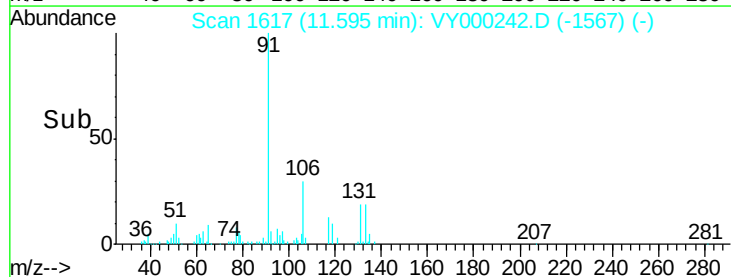
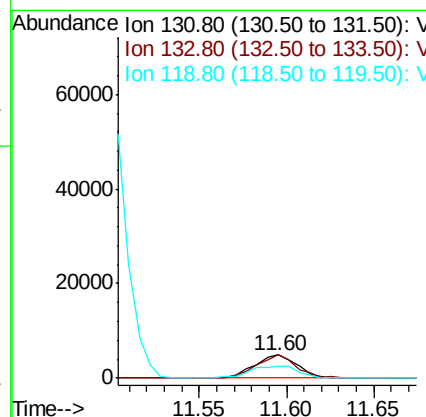
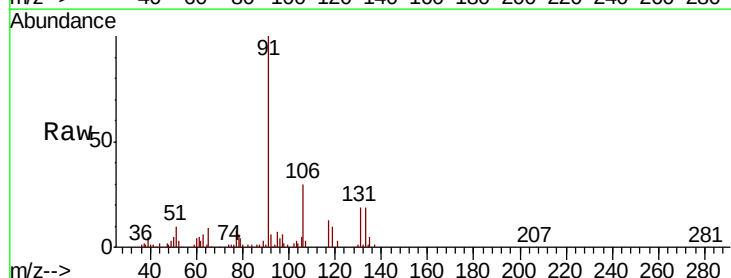
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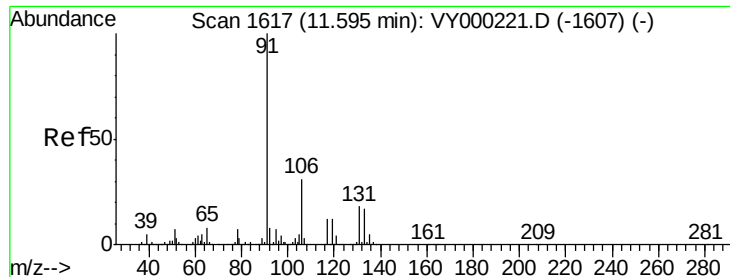
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#66
1,1,1,2-Tetrachloroethane
Concen: 2.422 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	91.7	47.0	141.2
119	60.4	33.3	99.8





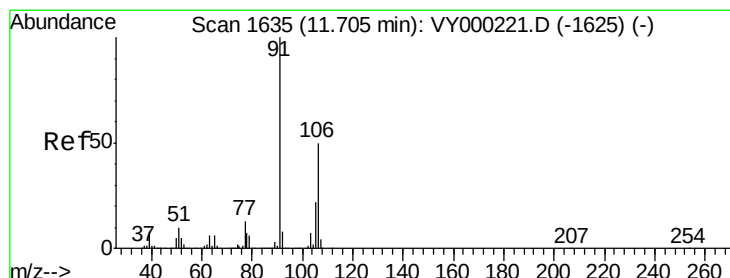
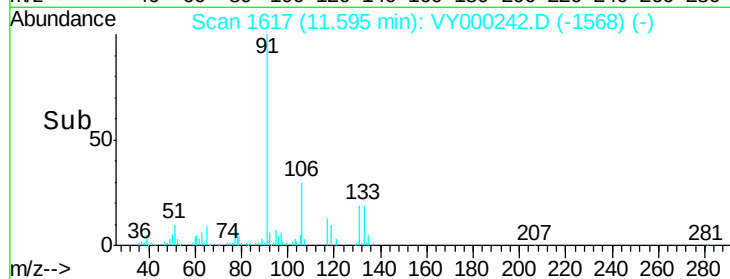
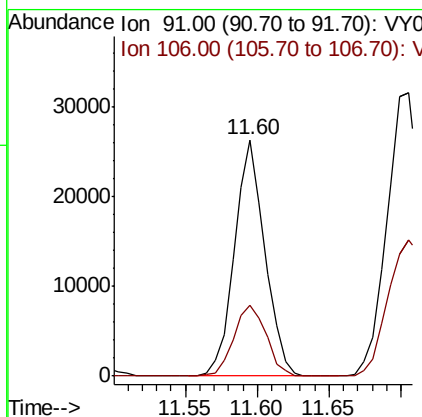
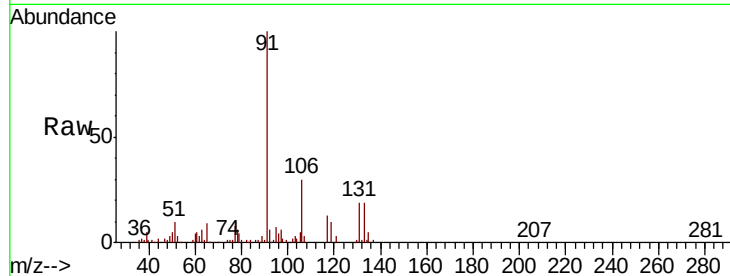
#67
Ethyl Benzene
Concen: 2.273 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	29.9	25.2	37.8	

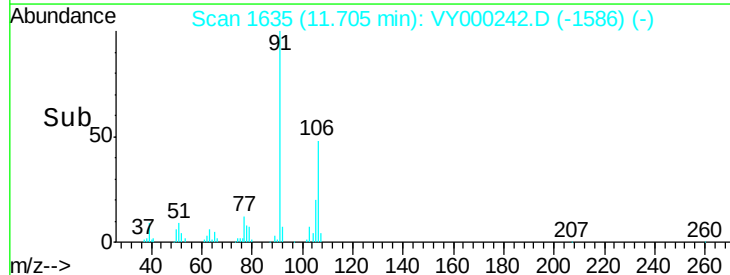
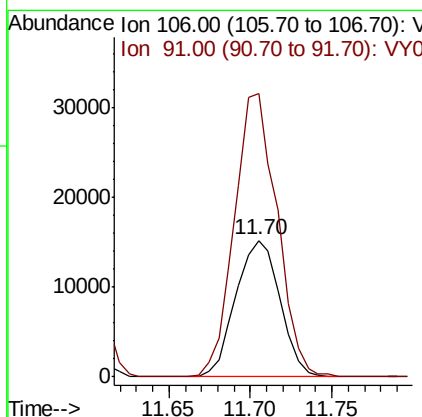
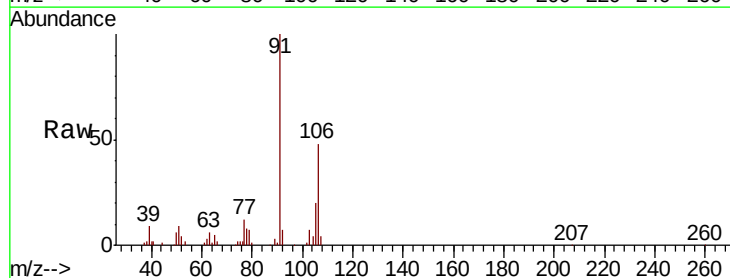
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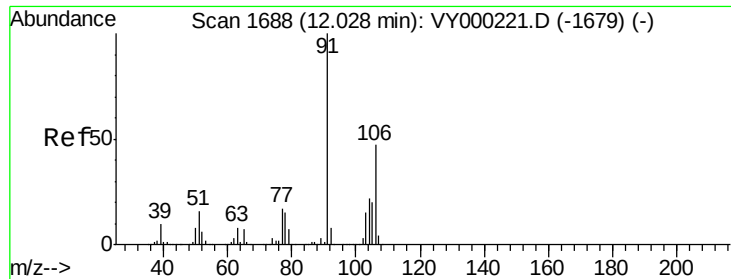
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#68
m/p-Xylenes
Concen: 4.407 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	201.5	159.9	239.9	





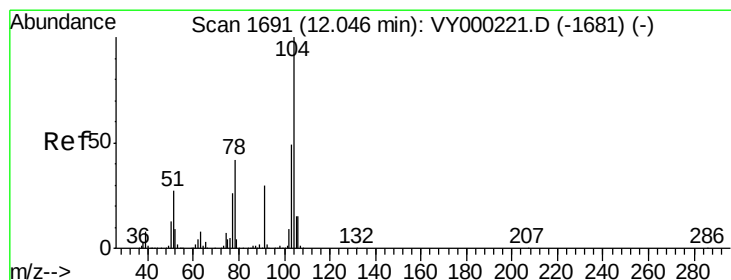
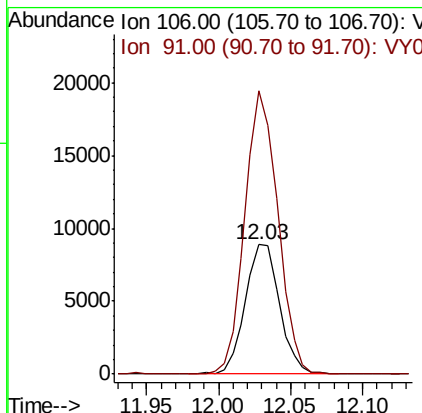
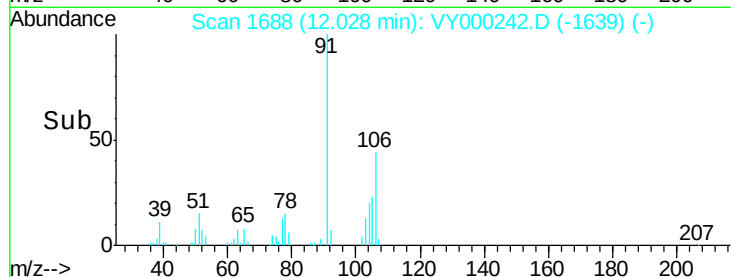
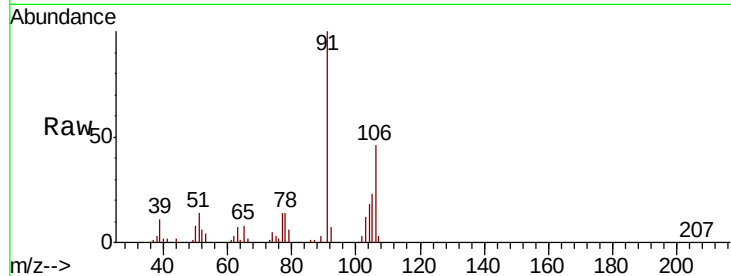
#69
o-Xylene
Concen: 2.354 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	209.9	106.1	318.1	

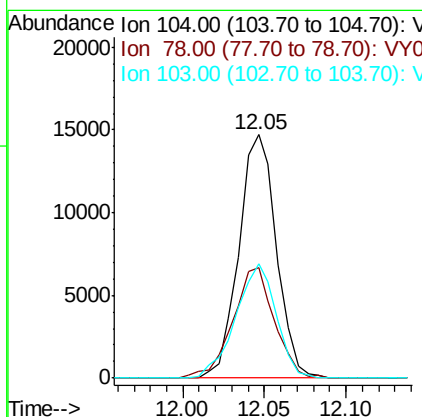
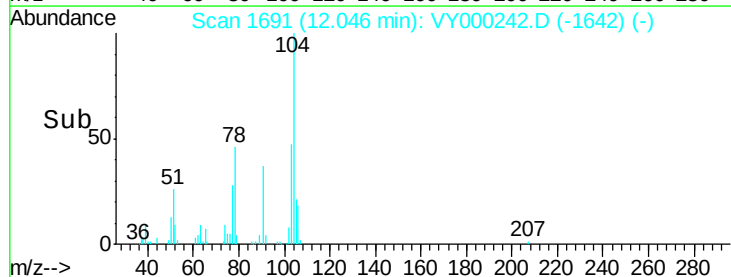
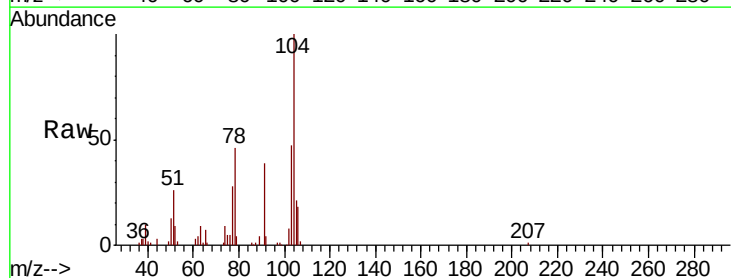
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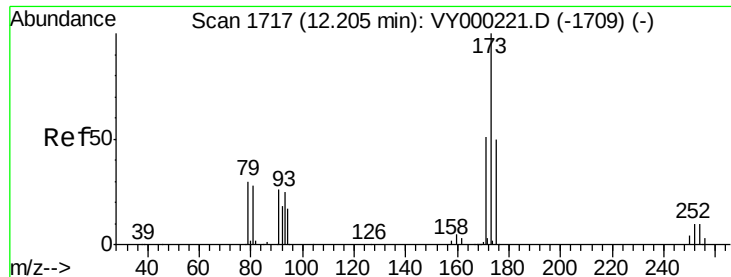
MMDadoda
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#70
Styrene
Concen: 2.190 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	50.0	39.0	58.4	
103	50.8	43.1	64.7	





#71

Bromoform

Concen: 2.305 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

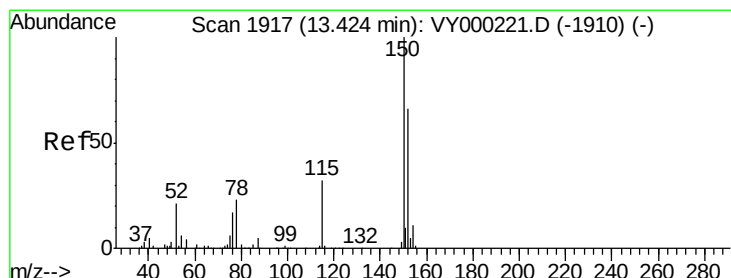
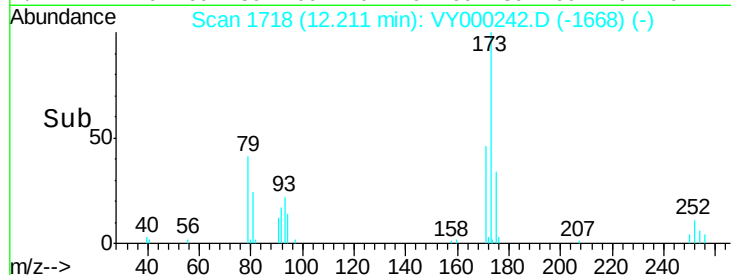
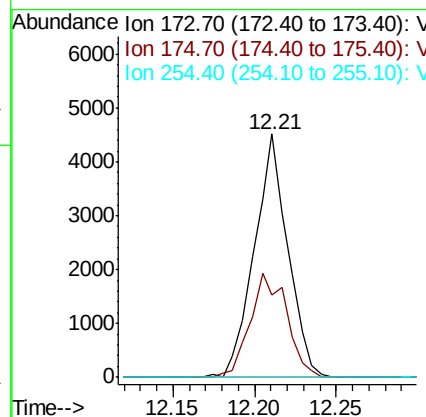
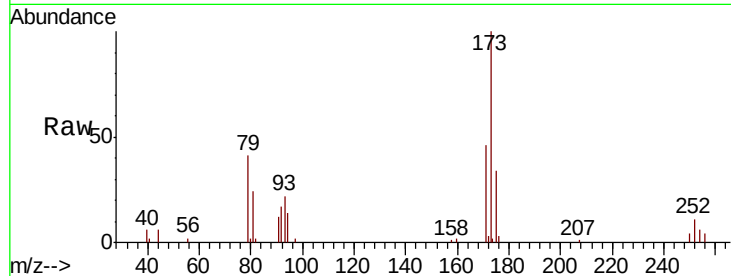
ClientSampleId :

2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.8	74.3
254	0.0	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

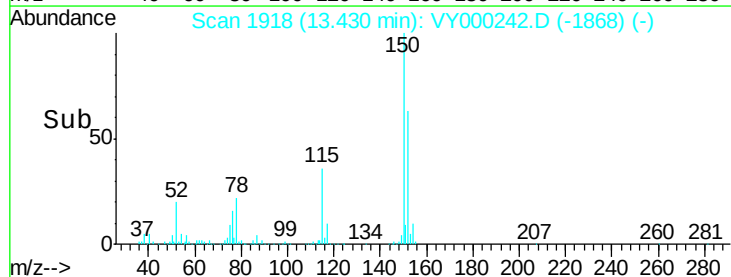
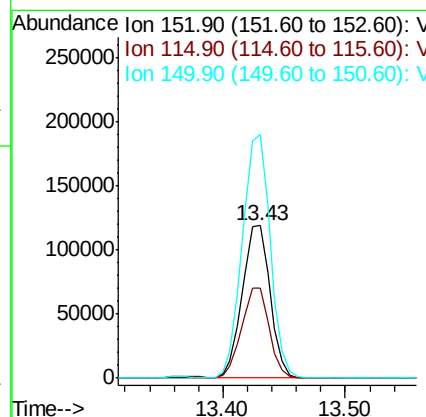
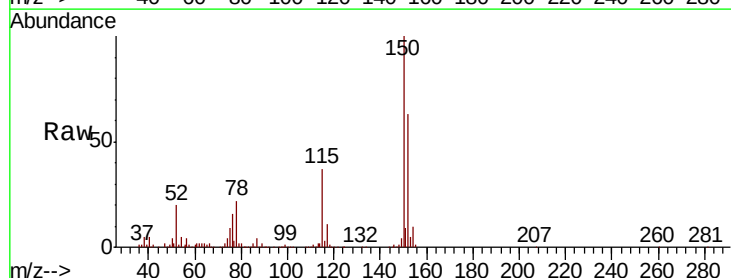
RT: 13.43 min Scan# 1918

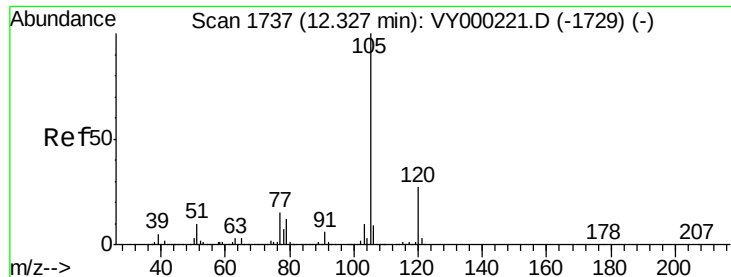
Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.3	88.0
150	160.3	0.0	349.6





#73

Isopropylbenzene

Concen: 2.304 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion:105 Resp: 36572

Ion Ratio Lower Upper

105 100

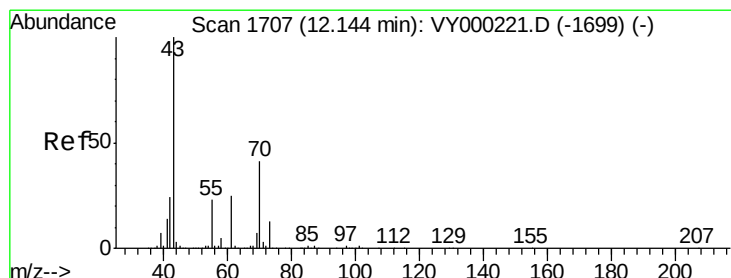
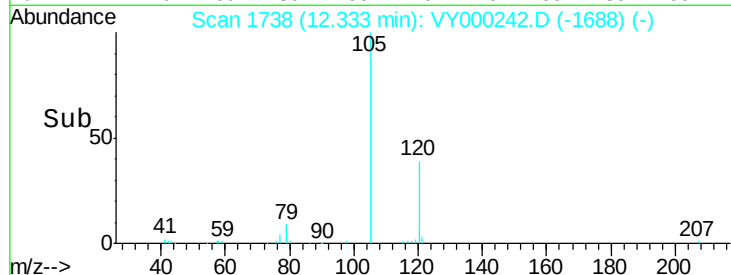
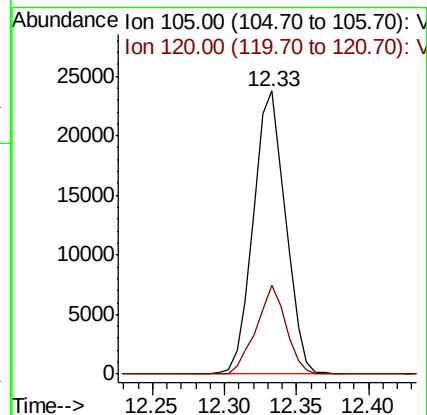
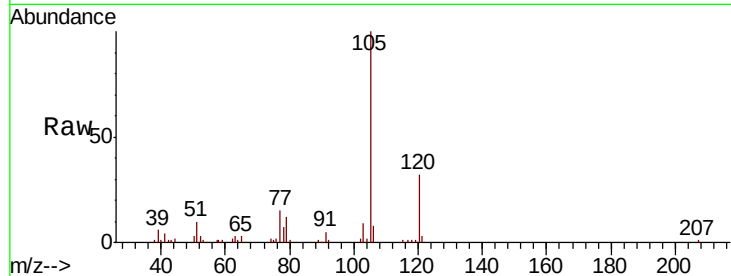
120 29.1 13.6 40.8

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#74

N-ethyl acetate

Concen: 2.010 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Tgt Ion: 43 Resp: 15191

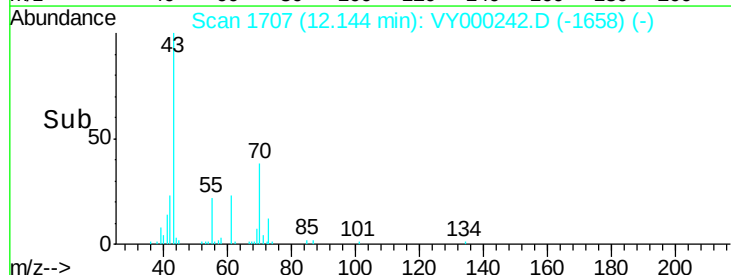
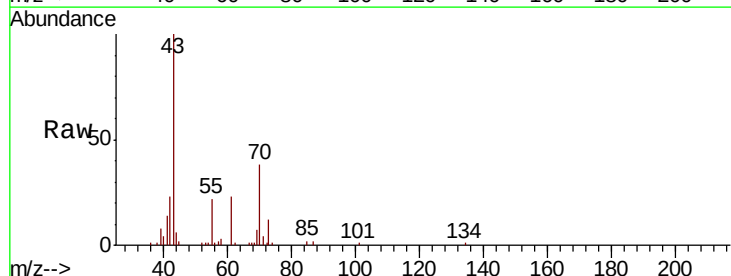
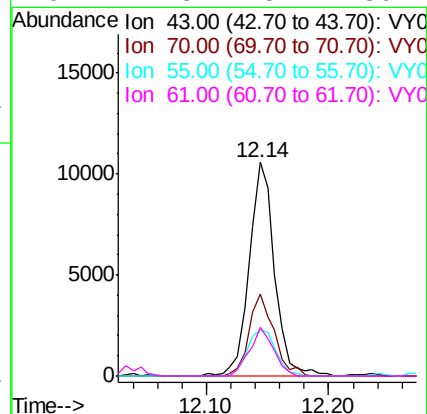
Ion Ratio Lower Upper

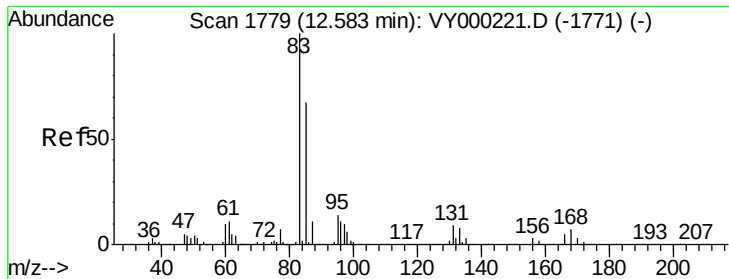
43 100

70 37.9 34.9 52.3

55 24.3 18.2 27.2

61 21.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 2.387 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

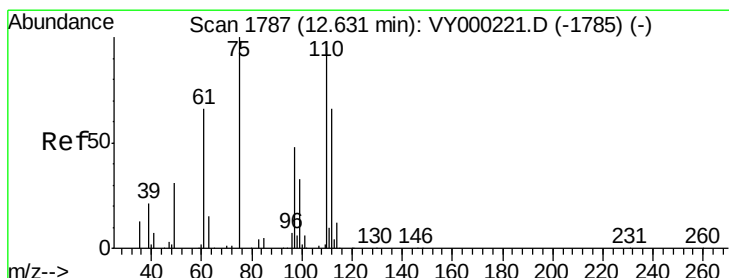
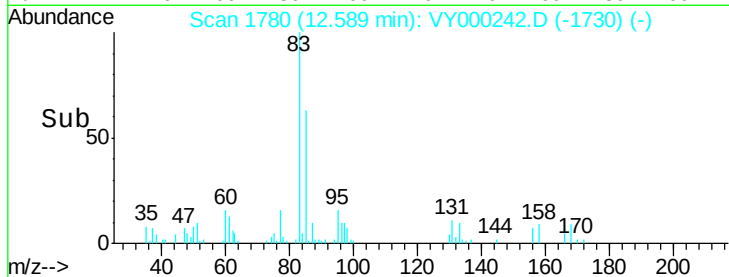
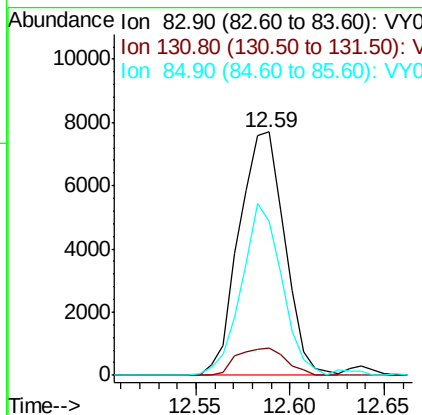
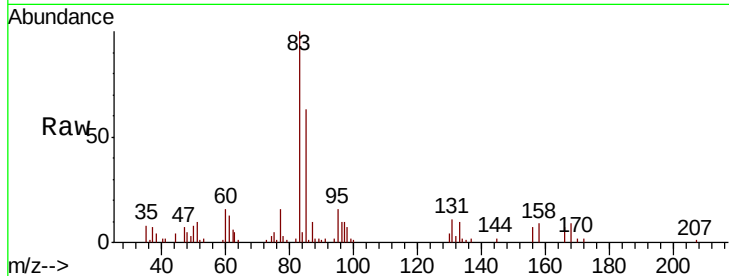
ClientSampleId :

2.5PPBMDL

Tot Ion:	83	Resp:	12934
Ion Ratio	Lower	Upper	
83	100		
131	11.9	4.8	14.3
85	62.3	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 2.028 ug/l m

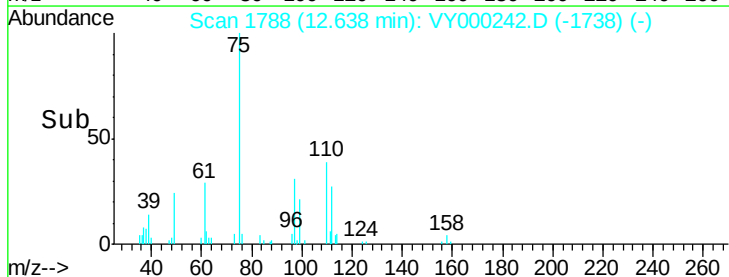
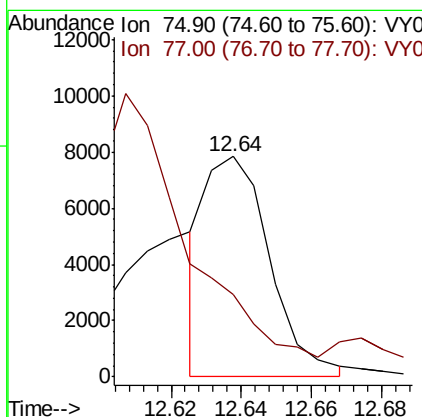
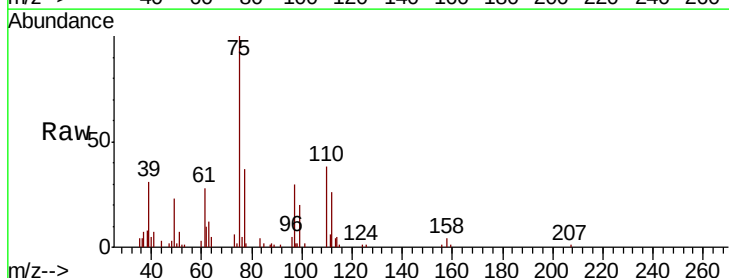
RT: 12.64 min Scan# 1788

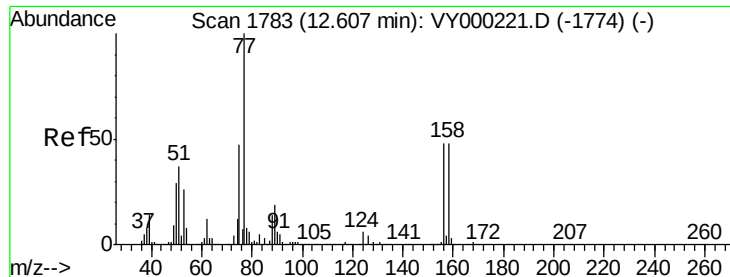
Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Tgt Ion:	75	Resp:	10033
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 2.304 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

ClientSampled :

2.5PPBMDL

Tot Ion:156 Resp: 8577

Ion Ratio Lower Upper

156 100

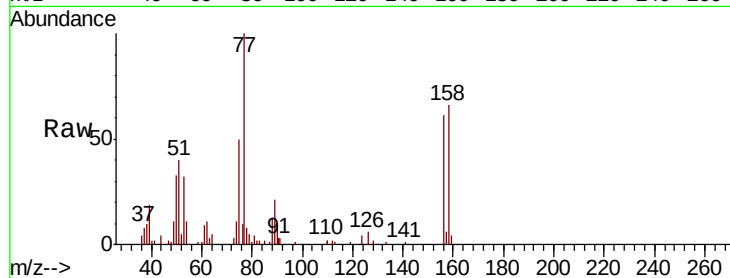
77 232.3 118.1 354.3

158 110.7 47.8 143.3

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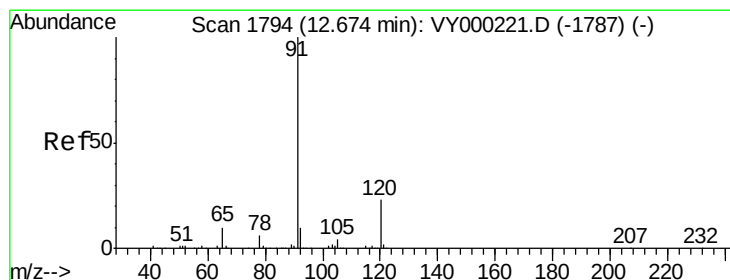
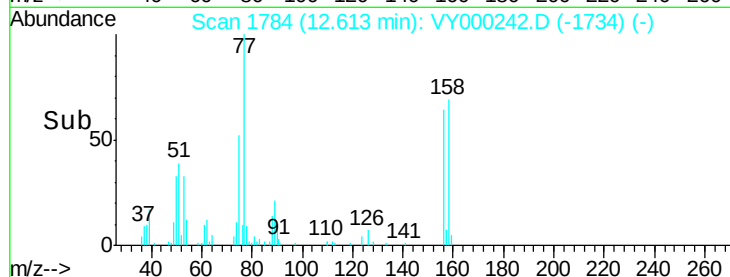
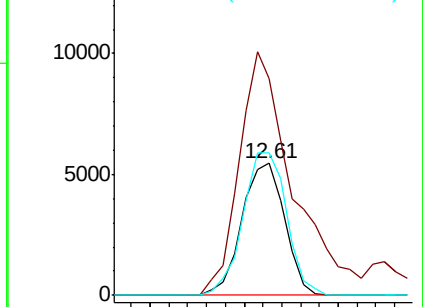
10/11/2019 8:41:17 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.273 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000242.D

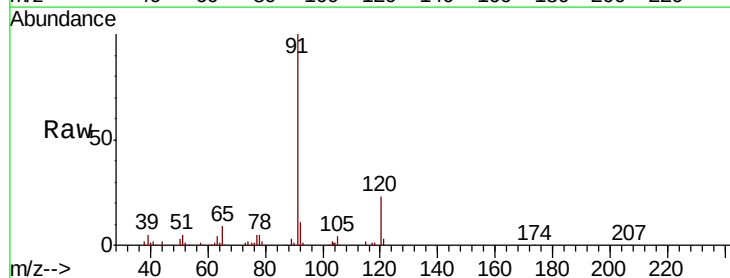
Acq: 09 Oct 2019 14:45

Tgt Ion: 91 Resp: 42152

Ion Ratio Lower Upper

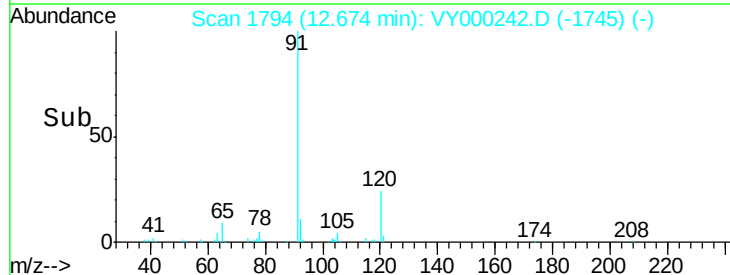
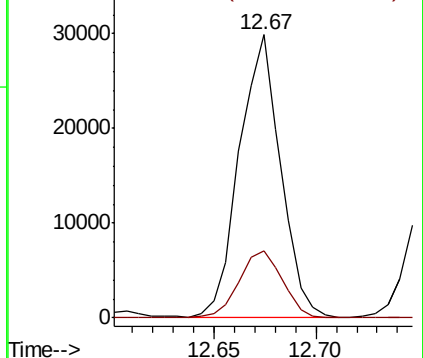
91 100

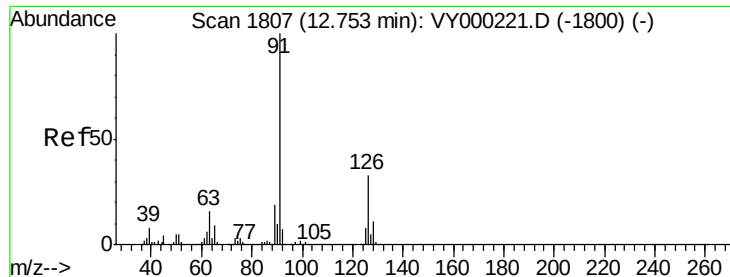
120 24.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





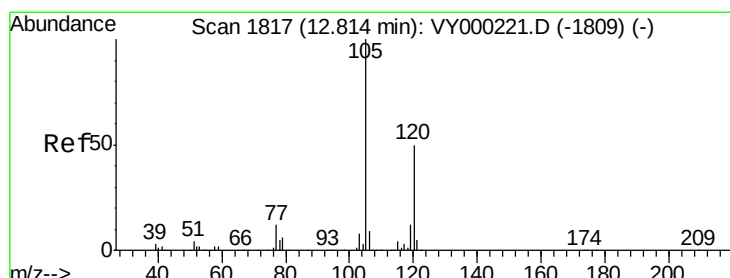
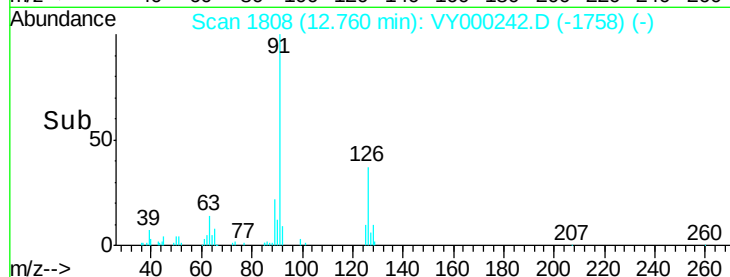
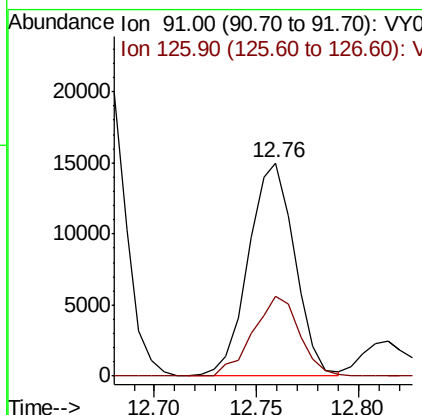
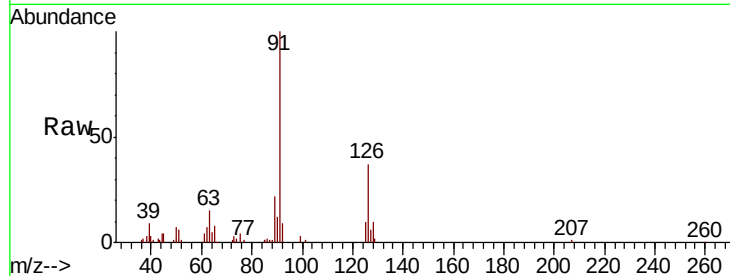
#79
2-Chlorotoluene
Concen: 2.221 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion: 91 Resp: 23713
Ion Ratio Lower Upper
91 100
126 37.7 17.2 51.6

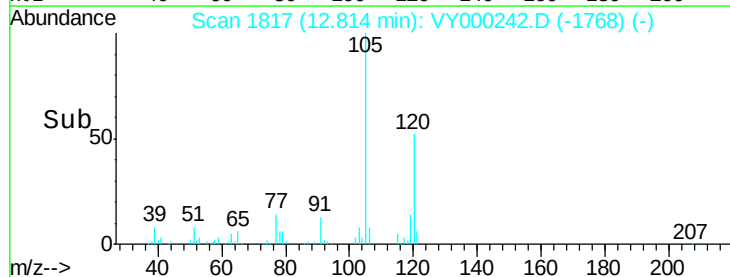
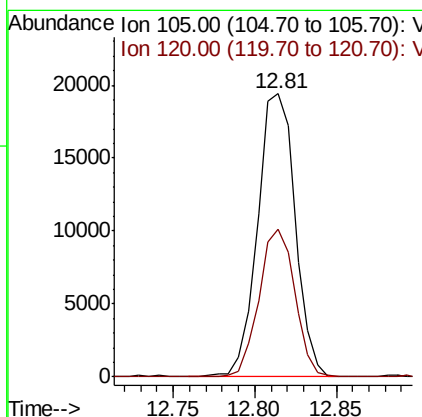
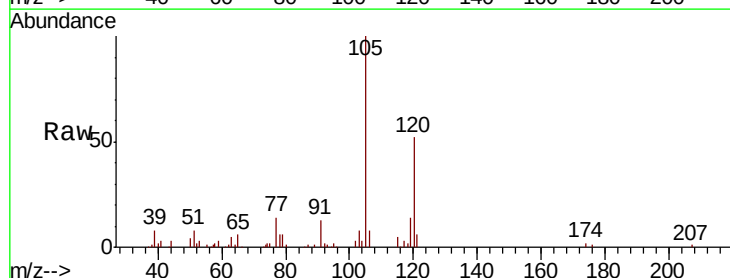
Manual Integrations
APPROVED

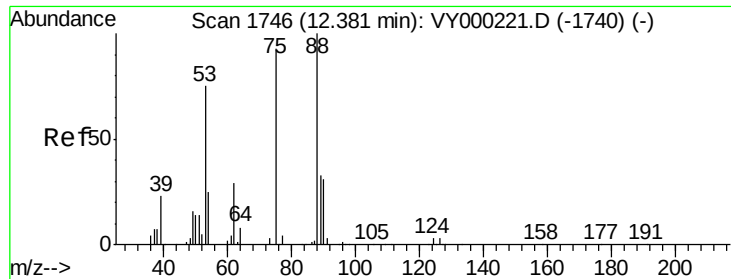
MMDadoda
10/11/2019 8:41:17 AM



#80
1,3,5-Trimethylbenzene
Concen: 2.346 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion: 105 Resp: 31080
Ion Ratio Lower Upper
105 100
120 49.8 24.8 74.4





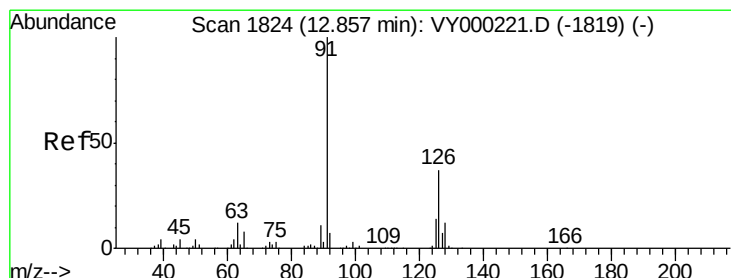
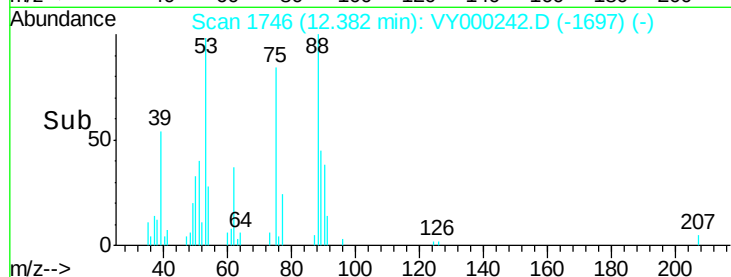
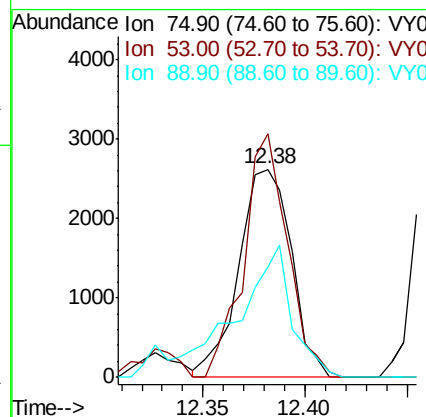
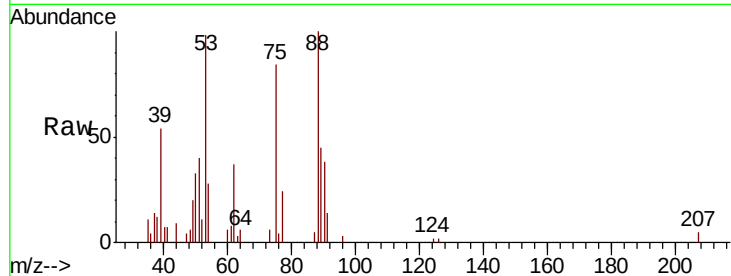
#81
trans-1,4-Dichloro-2-butene
Concen: 1.952 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	66.5	99.7
89	65.2	46.9	70.3

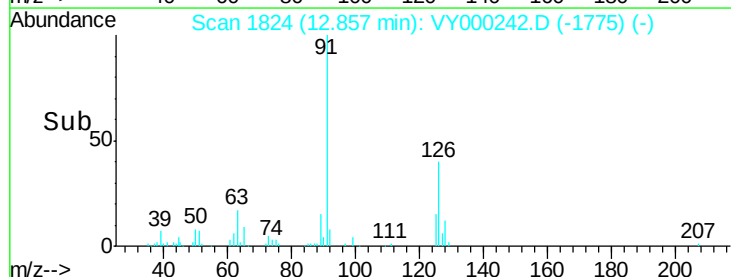
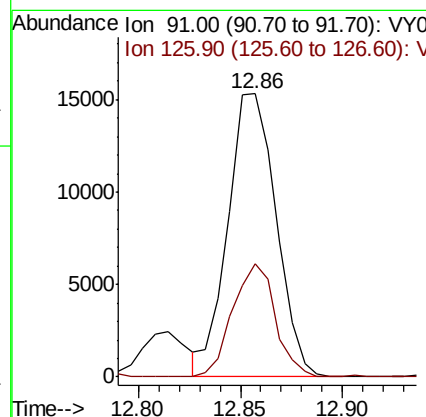
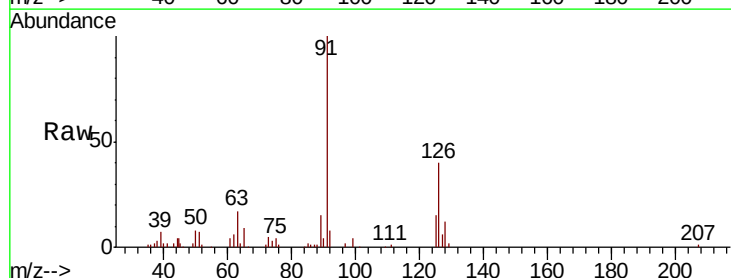
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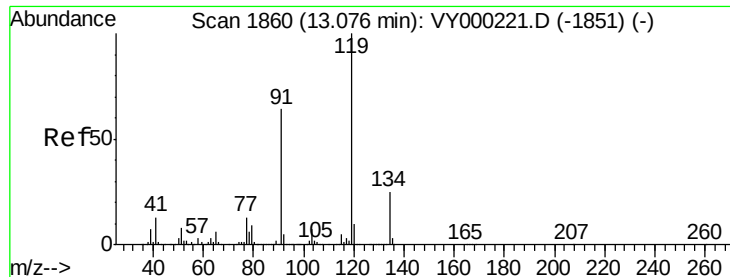
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10/11/2019 8:41:17 AM



#82
4-Chlorotoluene
Concen: 2.322 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.3	52.0





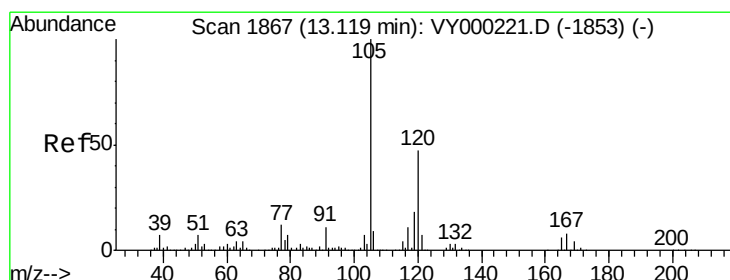
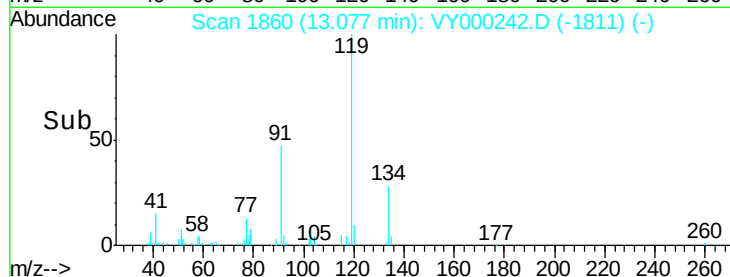
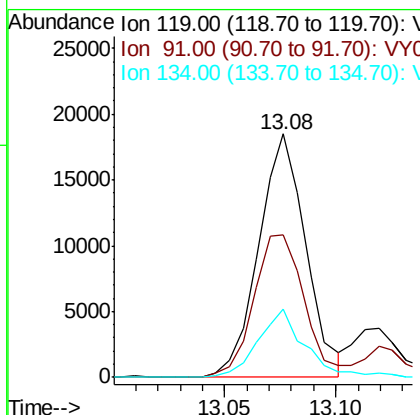
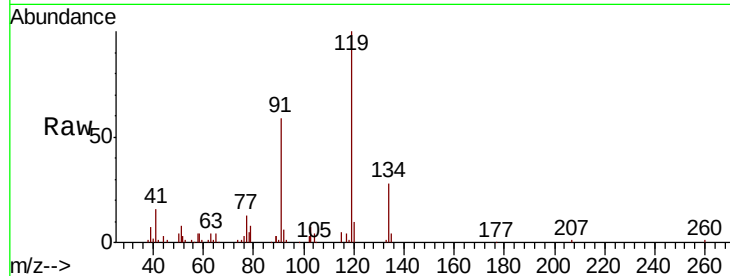
#83
tert-Butylbenzene
Concen: 2.359 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.4	97.2
134	28.0	13.2	39.6

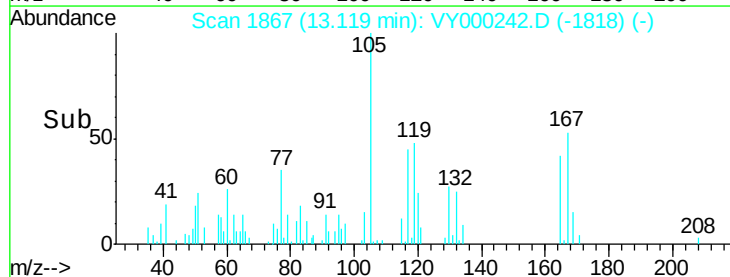
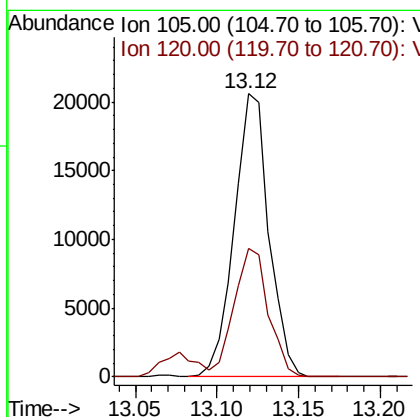
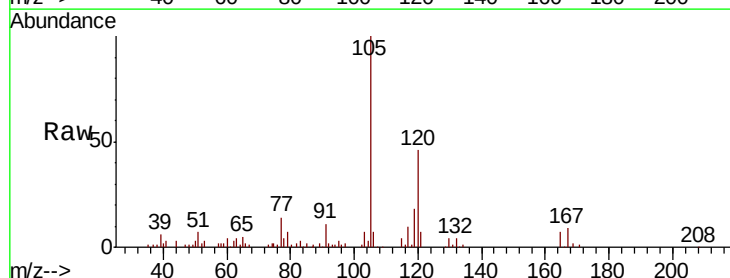
Manual Integrations
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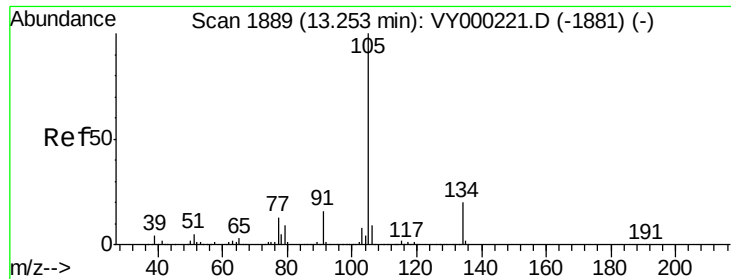
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#84
1,2,4-Trimethylbenzene
Concen: 2.308 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.8	68.3





#85

sec-Butylbenzene

Concen: 2.303 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tot Ion:105 Resp: 36550

Ion Ratio Lower Upper

105 100

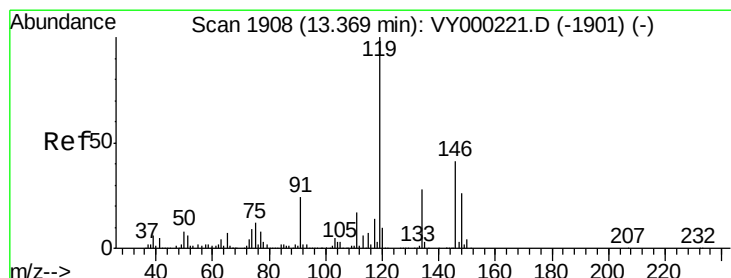
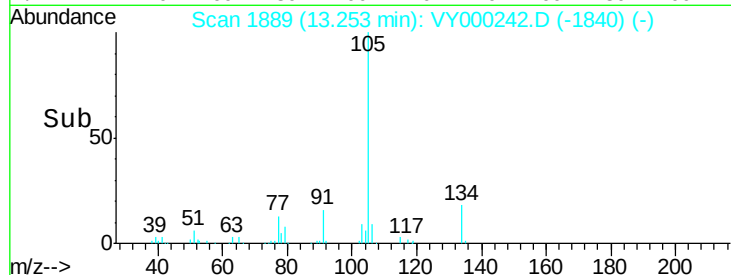
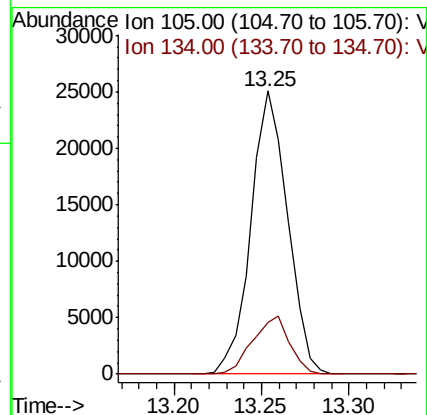
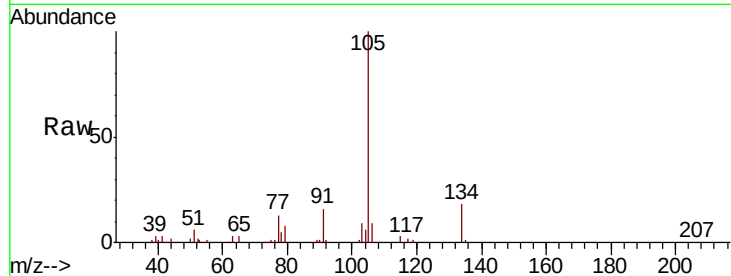
134 20.7 10.2 30.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 2.276 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

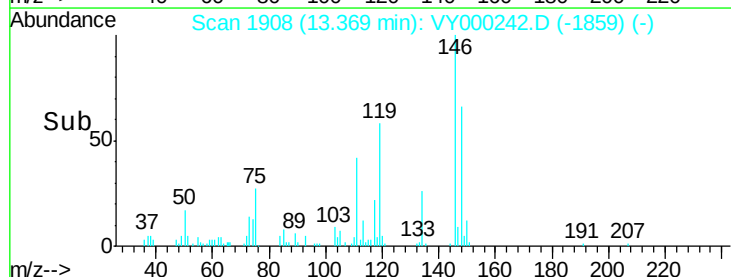
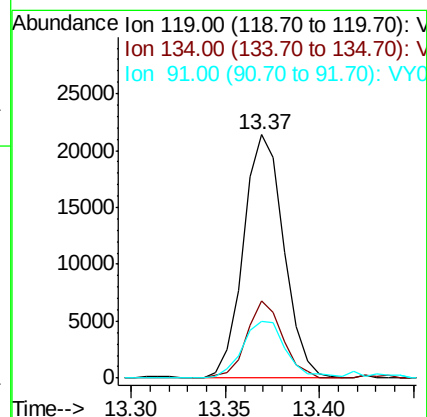
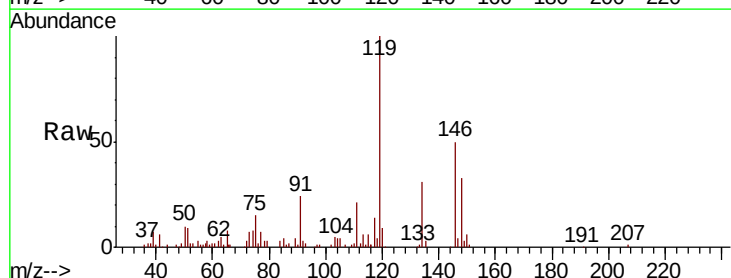
Tgt Ion:119 Resp: 31756

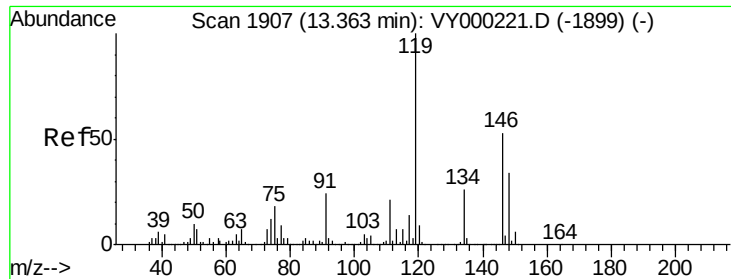
Ion Ratio Lower Upper

119 100

134 28.2 13.3 39.9

91 25.3 11.7 35.1





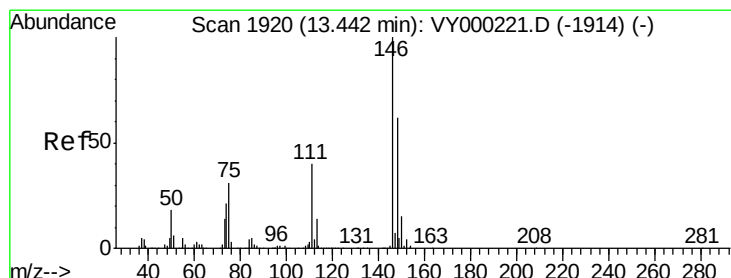
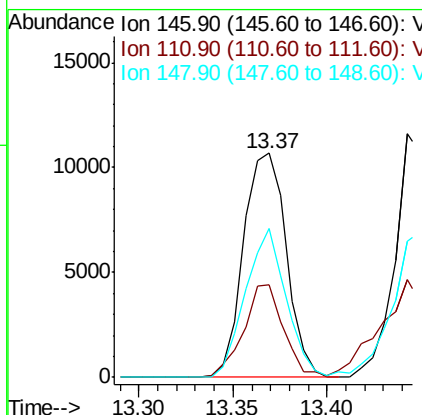
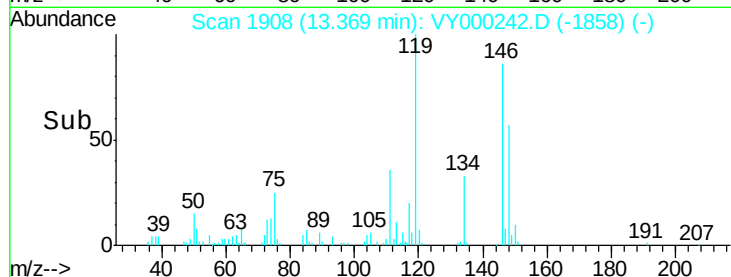
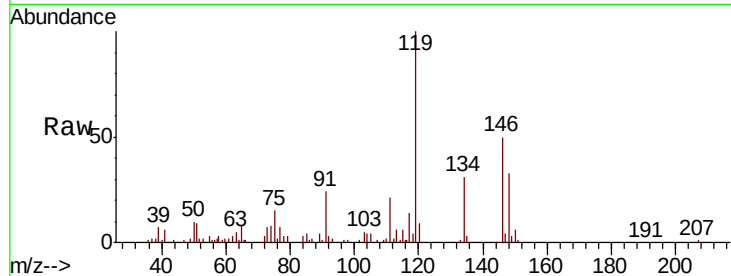
#87
 1,3-Dichlorobenzene
 Concen: 2.493 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.3	60.8
148	62.9	31.7	95.1

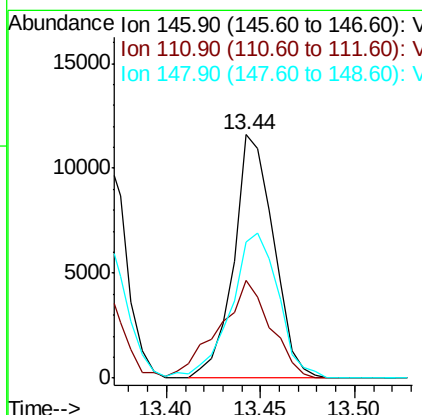
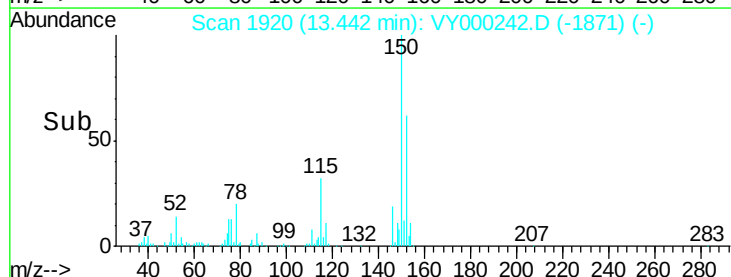
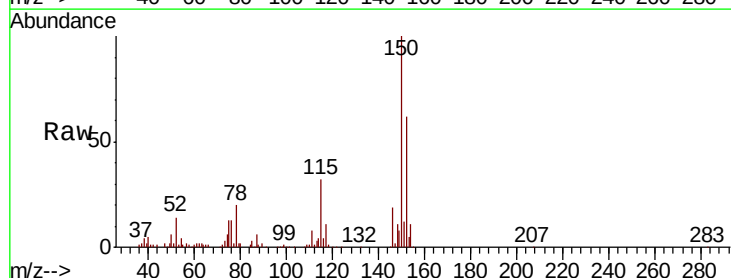
Manual Integrations
 APPROVED

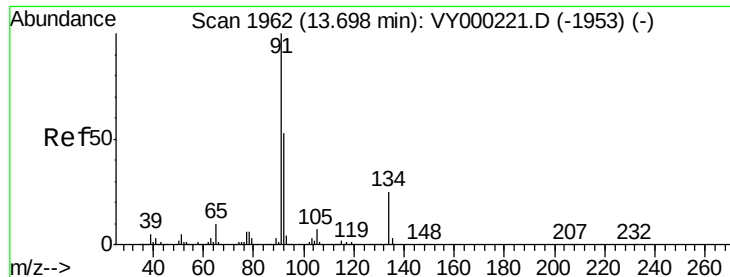
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#88
 1,4-Dichlorobenzene
 Concen: 2.421 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.9	19.8	59.3
148	70.6	31.6	94.8





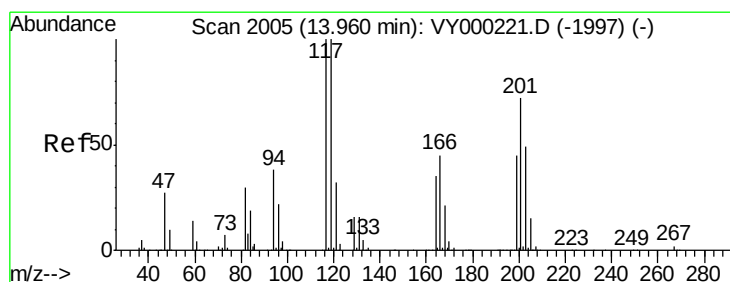
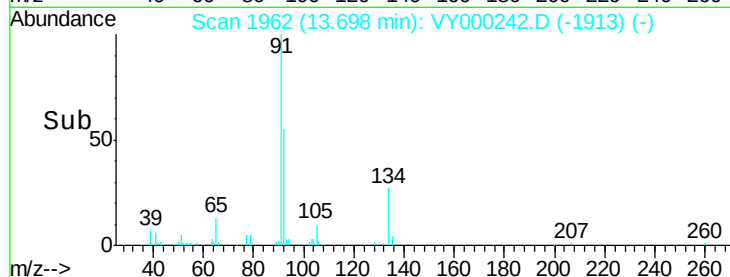
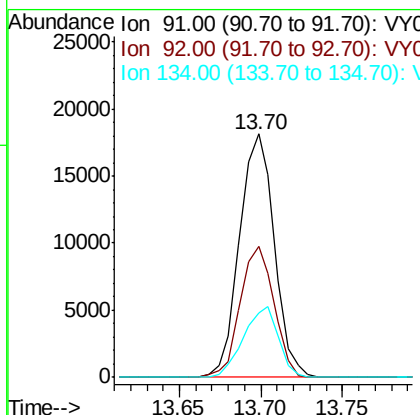
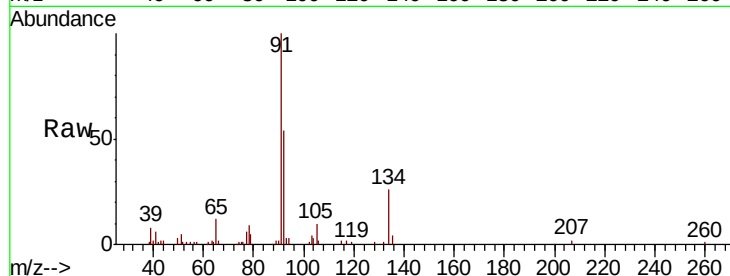
#89
n-Butylbenzene
Concen: 2.053 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.0	80.8
134	29.0	12.8	38.4

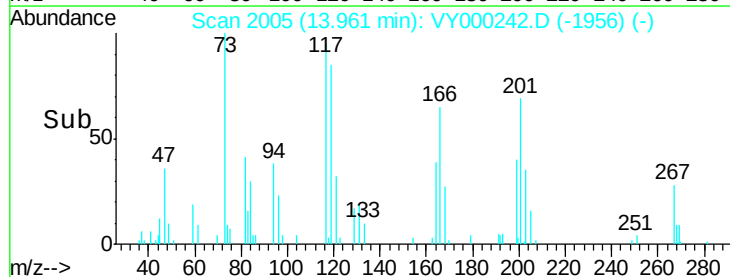
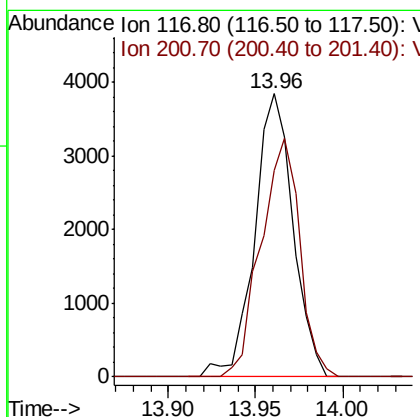
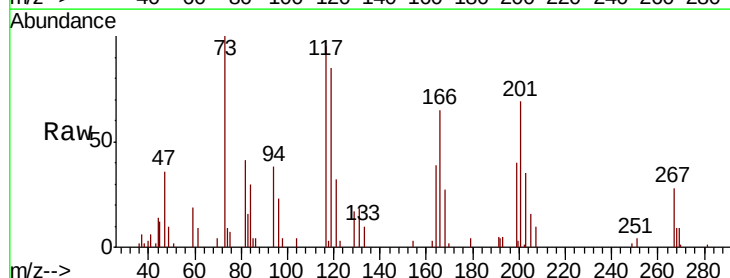
Manual Integrations
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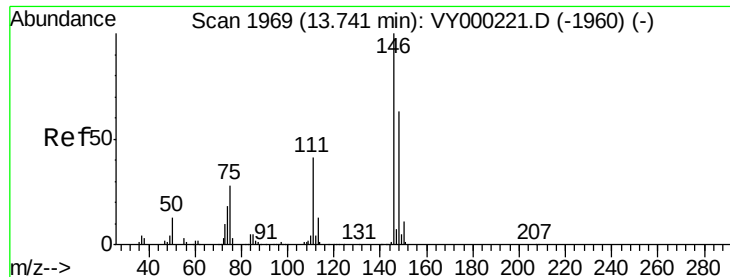
MMDadoda
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#90
Hexachloroethane
Concen: 2.225 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000242.D
Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	35.5	106.5





#91

1,2-Dichlorobenzene

Concen: 2.337 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

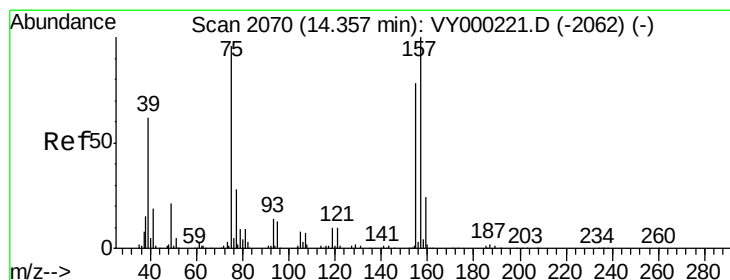
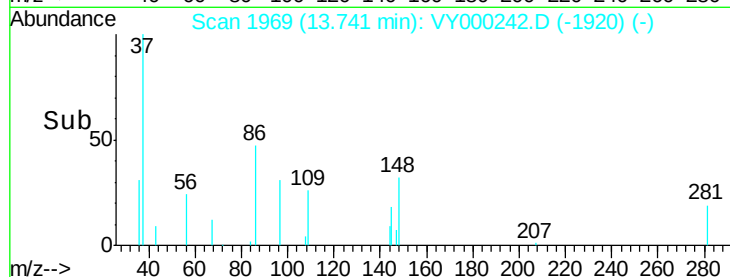
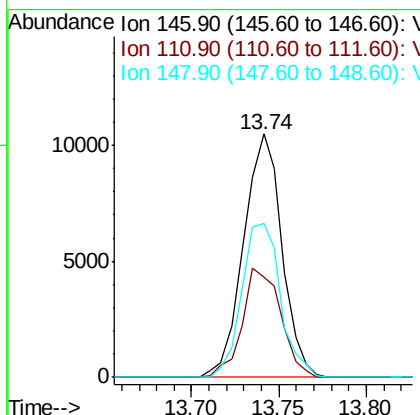
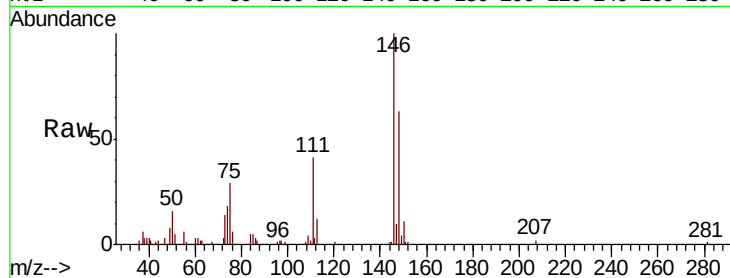
ClientSampleId :

2.5PPBMDL

Tot Ion:	146	Resp:	15961
Ion Ratio	Lower	Upper	
146	100		
111	45.1	20.9	62.8
148	64.1	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 2.244 ug/l

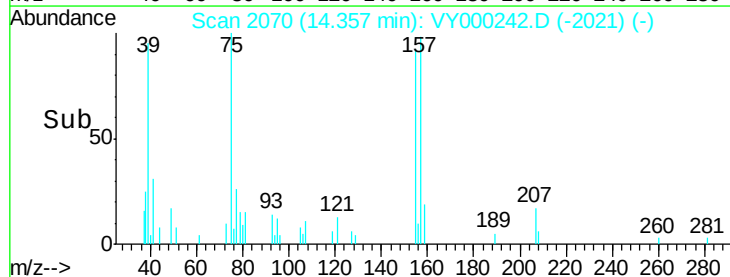
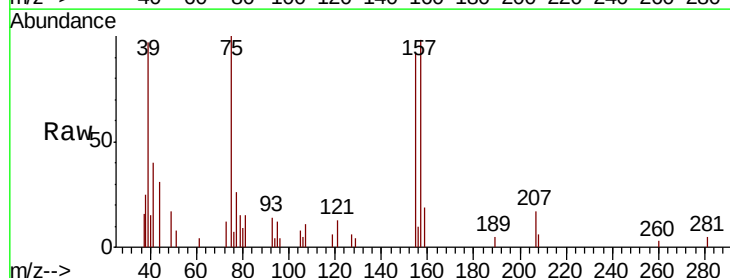
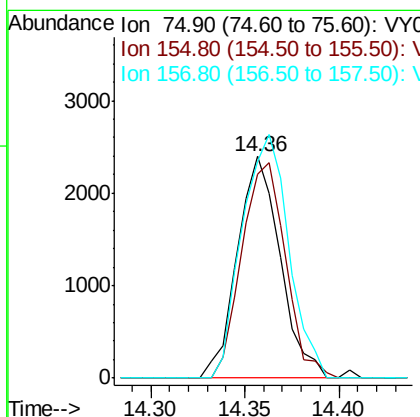
RT: 14.36 min Scan# 2070

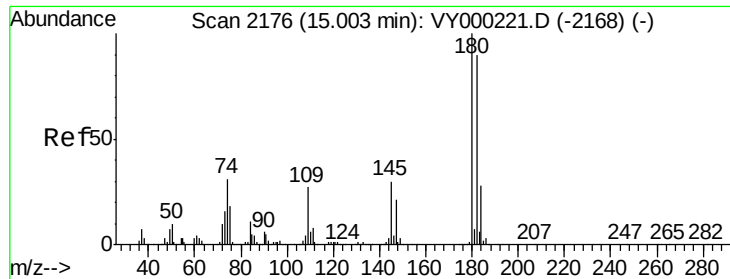
Delta R.T. 0.00 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Tgt Ion:	75	Resp:	3796
Ion Ratio	Lower	Upper	
75	100		
155	98.7	42.4	127.3
157	119.0	53.8	161.5





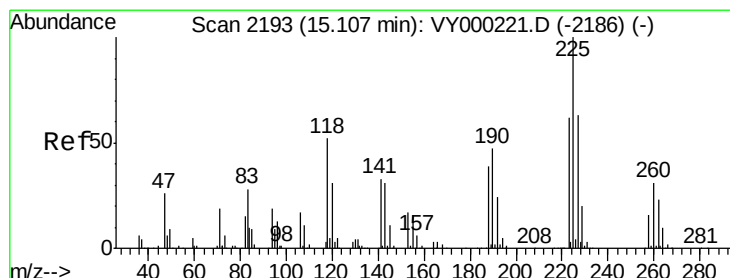
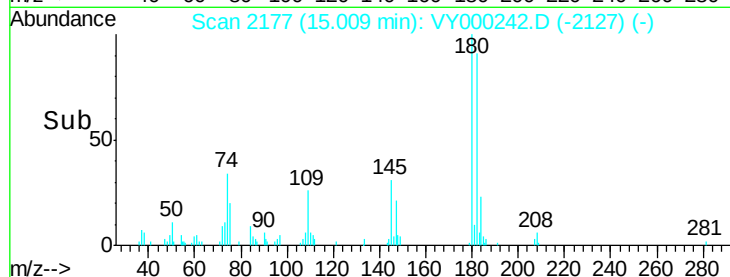
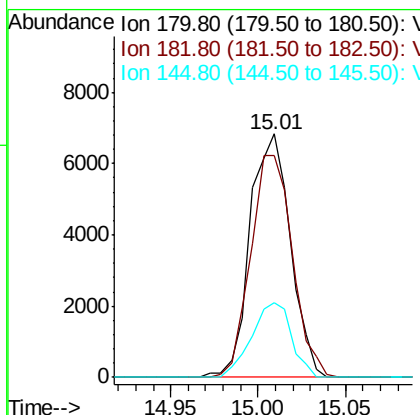
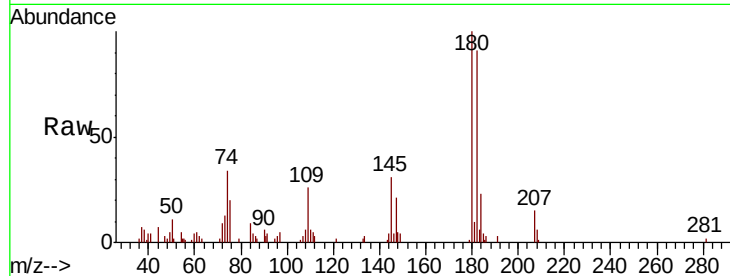
#93
 1,2,4-Trichlorobenzene
 Concen: 2.362 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Tot Ion	Ratio	Resp	Lower	Upper
180	100	10950		
182	94.4	47.2	141.6	
145	30.3	15.3	45.8	

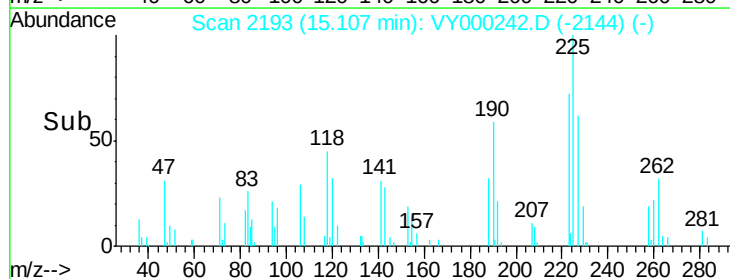
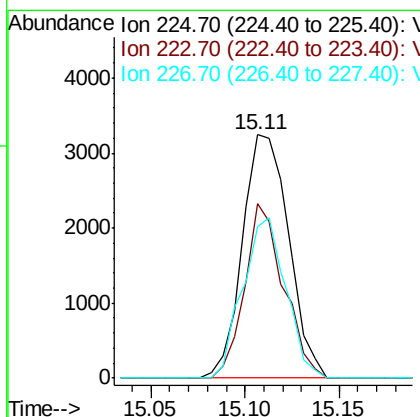
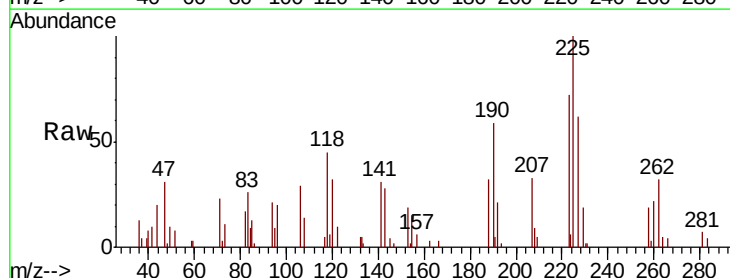
Manual Integrations
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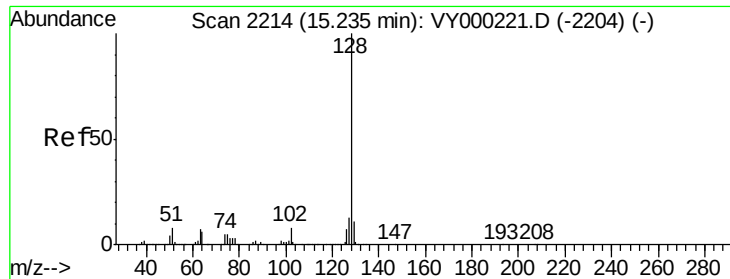
MMDadoda
 10/11/2019 8:41:17 AM



#94
 Hexachlorobutadiene
 Concen: 2.489 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000242.D
 Acq: 09 Oct 2019 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	5514		
223	60.6	31.9	95.5	
227	61.7	31.5	94.5	





#95

Naphthalene

Concen: 2.257 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Instrument :

MSVOA_Y

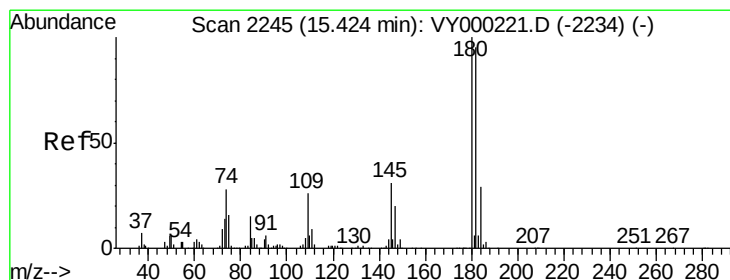
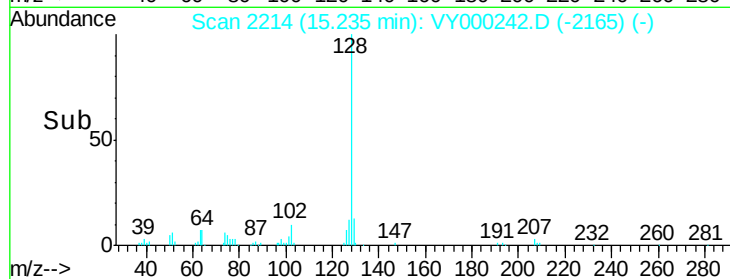
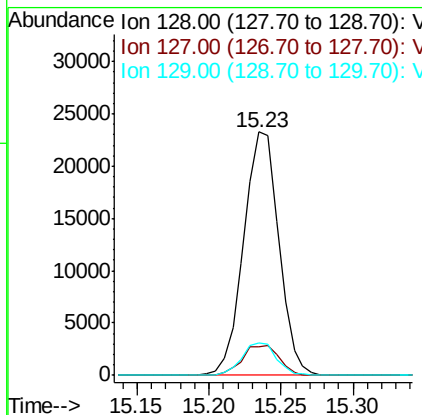
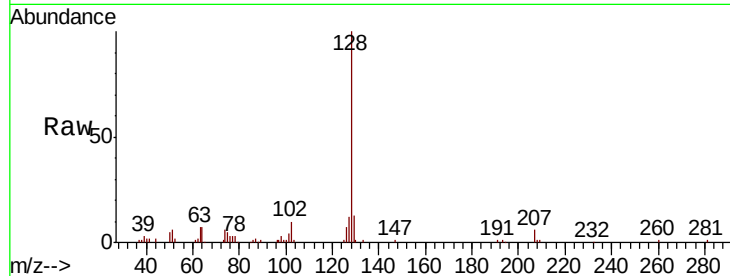
ClientSampleId :

2.5PPBMDL

Tot Ion:	128	Resp:	39371
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	13.2	8.6	13.0#

Manual Integrations
APPROVED

MMDadoda
10/11/2019 8:41:17 AM



#96

1,2,3-Trichlorobenzene

Concen: 2.367 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY000242.D

Acq: 09 Oct 2019 14:45

Tgt Ion:	180	Resp:	10557
Ion Ratio	Lower	Upper	
180	100		
182	98.7	47.9	143.7
145	34.5	16.3	48.9

