

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000904.D
 Acq On : 06 Dec 2019 16:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/9/2019 11:24:19 AM

Quant Time: Dec 06 18:18:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	295350	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	520231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	474895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	222922	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	162993	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
35) Dibromofluoromethane	7.72	113	154965	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
50) Toluene-d8	10.17	98	639943	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.48	95	224426	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	139924	44.010	ug/l	99
3) Chloromethane	2.12	50	185723	47.389	ug/l	99
4) Vinyl Chloride	2.25	62	188981	48.928	ug/l	100
5) Bromomethane	2.65	94	116662	50.217	ug/l	94
6) Chloroethane	2.79	64	119335	50.392	ug/l	97
7) Trichlorofluoromethane	3.12	101	275206	51.991	ug/l	91
8) Diethyl Ether	3.53	74	107589	54.003	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	168893	51.668	ug/l	98
10) Methyl Iodide	4.09	142	222523	54.068	ug/l	98
11) Tert butyl alcohol	4.96	59	84593	267.919	ug/l	99
12) 1,1-Dichloroethene	3.87	96	167172	51.622	ug/l	98
13) Acrolein	3.73	56	74568	239.748	ug/l	99
14) Allyl chloride	4.48	41	294872	53.105	ug/l	100
15) Acrylonitrile	5.16	53	277741	269.976	ug/l	99
16) Acetone	3.95	43	194264	269.836	ug/l	96
17) Carbon Disulfide	4.19	76	515996	49.266	ug/l	98
18) Methyl Acetate	4.48	43	160752	53.401	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	477015	55.156	ug/l	99
20) Methylene Chloride	4.71	84	203838	53.714	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	194537	52.852	ug/l	97
22) Diisopropyl ether	6.12	45	633281	55.490	ug/l	98
23) Vinyl Acetate	6.07	43	1925201	277.485	ug/l	99
24) 1,1-Dichloroethane	6.02	63	338930	53.883	ug/l	98
25) 2-Butanone	6.99	43	355237	267.114	ug/l	99
26) 2,2-Dichloropropane	6.99	77	280311	52.948	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	216980	54.535	ug/l	98
28) Bromochloromethane	7.34	49	149727	64.320	ug/l	95
29) Tetrahydrofuran	7.35	42	244382	277.308	ug/l	98
30) Chloroform	7.51	83	328508	52.061	ug/l	99
31) Cyclohexane	7.79	56	329169	49.399	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	281301	53.987	ug/l	98
36) 1,1-Dichloropropene	7.92	75	264738	51.180	ug/l	100
37) Ethyl Acetate	7.08	43	153960	51.548	ug/l	100
38) Carbon Tetrachloride	7.91	117	239961	52.091	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	348108	50.795	ug/l	99
40) Benzene	8.16	78	797504	52.930	ug/l	98
41) Methacrylonitrile	7.32	41	72980m	46.360	ug/l	
42) 1,2-Dichloroethane	8.24	62	210600	53.149	ug/l	100
43) Isopropyl Acetate	8.28	43	303255	53.879	ug/l	100
44) Trichloroethene	8.94	130	204579	52.833	ug/l	98
45) 1,2-Dichloropropane	9.22	63	206181	54.479	ug/l	97
46) Dibromomethane	9.30	93	106205	53.709	ug/l	98
47) Bromodichloromethane	9.50	83	254757	54.842	ug/l	98
48) Methyl methacrylate	9.29	41	130631	52.779	ug/l	94
49) 1,4-Dioxane	9.30	88	31052	1108.269	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	792230	272.421	ug/l	99
52) Toluene	10.24	92	502872	53.905	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	281759	56.457	ug/l	98
54) cis-1,3-Dichloropropene	9.92	75	322066	54.597	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	161864	55.404	ug/l	93
56) Ethyl methacrylate	10.51	69	237919	56.928	ug/l	99
57) 1,3-Dichloropropane	10.79	76	282531	55.487	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	423250	251.165	ug/l	99
59) 2-Hexanone	10.83	43	560852	264.669	ug/l	100
60) Dibromochloromethane	10.99	129	177023	56.287	ug/l	100
61) 1,2-Dibromoethane	11.09	107	154873	56.249	ug/l	99
64) Tetrachloroethene	10.72	164	217719	52.768	ug/l	97
65) Chlorobenzene	11.51	112	520051	52.683	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	177422	53.333	ug/l	100
67) Ethyl Benzene	11.59	91	963223	52.394	ug/l	100
68) m/p-Xylenes	11.70	106	714175	103.497	ug/l	99
69) o-Xylene	12.03	106	338676	52.639	ug/l	100
70) Styrene	12.04	104	593667	53.887	ug/l	99
71) Bromoform	12.20	173	103040	54.918	ug/l #	99
73) Isopropylbenzene	12.33	105	908570	51.188	ug/l	100
74) N-amyl acetate	12.14	43	264684	53.576	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	184331	52.706	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	130258m	51.573	ug/l	
77) Bromobenzene	12.61	156	199150	51.761	ug/l	98
78) n-propylbenzene	12.67	91	1115751	51.482	ug/l	100
79) 2-Chlorotoluene	12.75	91	618790	51.682	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	763280	51.937	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	68674	53.409	ug/l	98
82) 4-Chlorotoluene	12.85	91	658936	53.419	ug/l	98
83) tert-Butylbenzene	13.07	119	643438	52.076	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	760699	51.737	ug/l	98
85) sec-Butylbenzene	13.25	105	931405	51.832	ug/l	99
86) p-Isopropyltoluene	13.36	119	815171	52.156	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	391761	51.905	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	389786	52.157	ug/l	99
89) n-Butylbenzene	13.69	91	823935	52.140	ug/l	100
90) Hexachloroethane	13.95	117	154136	53.535	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	363476	53.539	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31420	53.663	ug/l	96

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VSTDCCC050EC

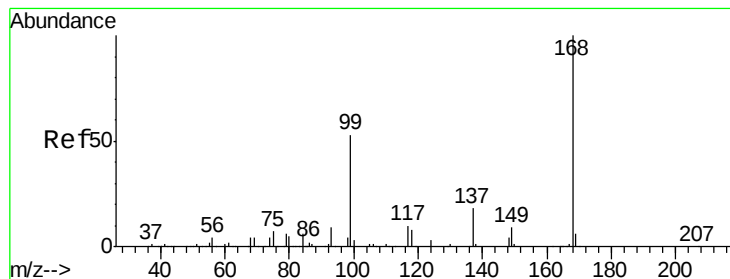
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	243037	52.904	ug/l	100
94) Hexachlorobutadiene	15.11	225	119664	52.538	ug/l	99
95) Naphthalene	15.23	128	573729	53.785	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	219059	53.384	ug/l	98

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



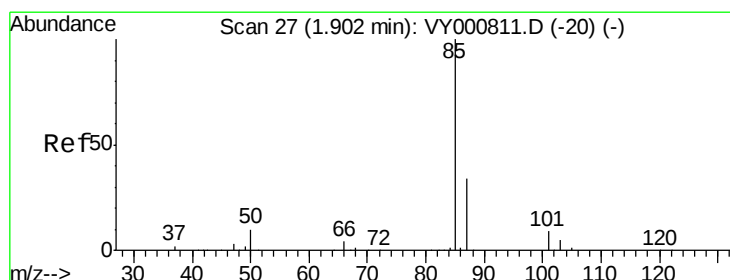
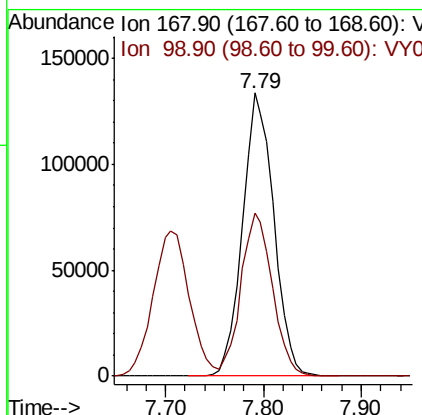
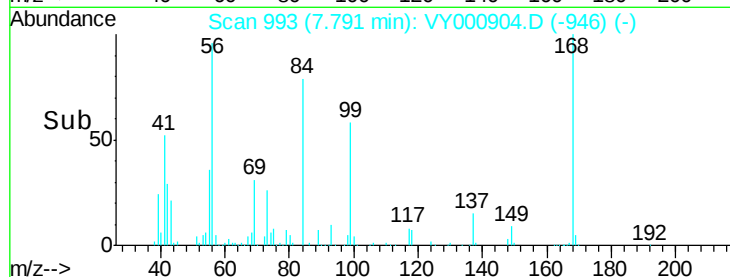
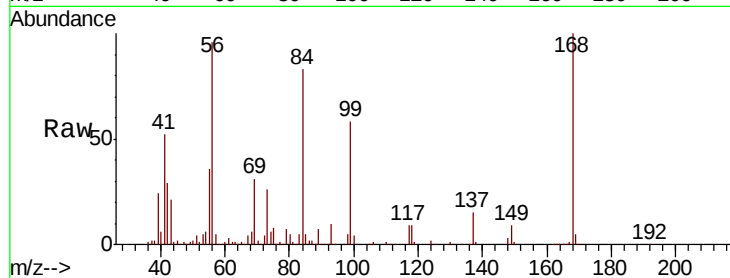
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	57.7	45.0	67.6

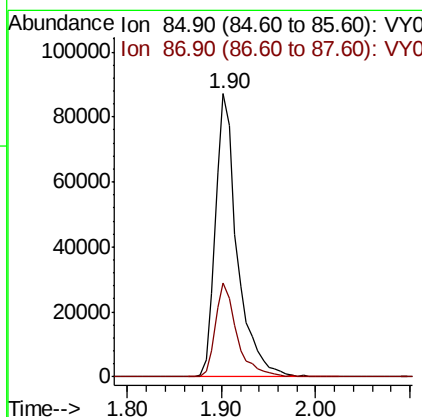
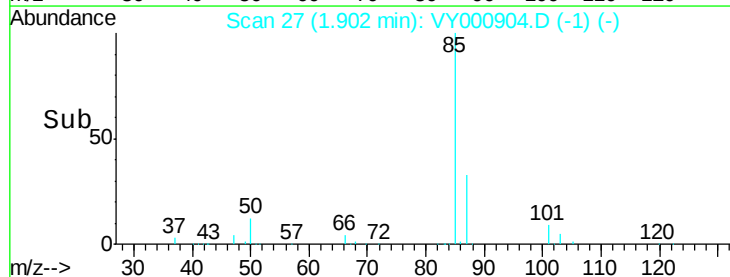
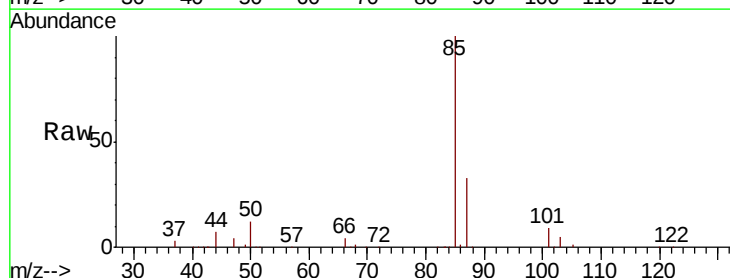
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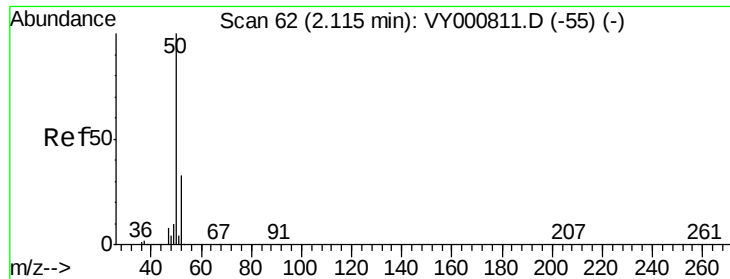
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#2
Dichlorodifluoromethane
Concen: 44.010 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.8	50.3





#3

Chloromethane

Concen: 47.389 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 185723

Ion Ratio Lower Upper

50 100

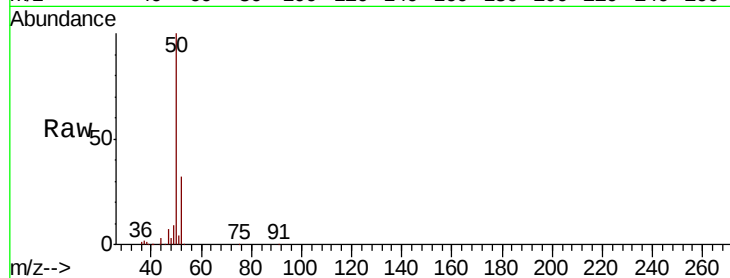
52 31.9 26.0 39.0

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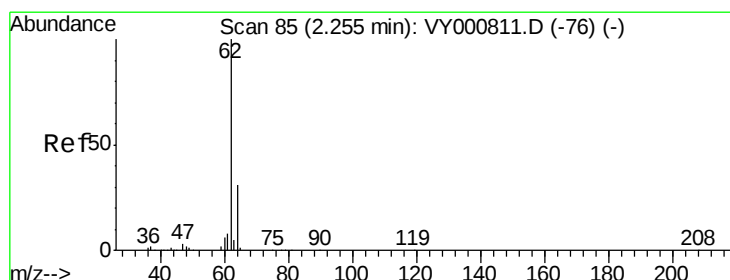
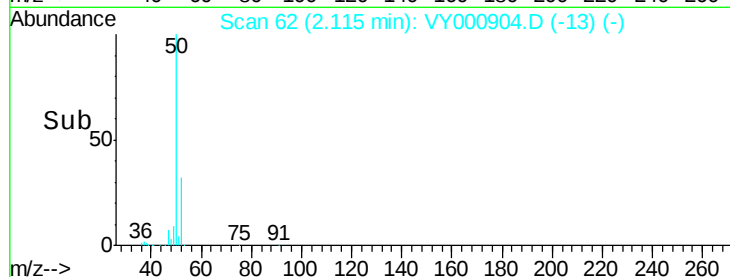
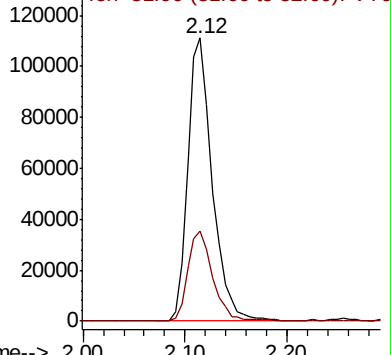
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 48.928 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000904.D

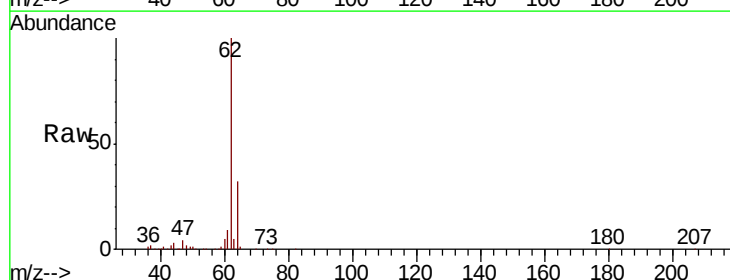
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Tgt Ion: 62 Resp: 188981

Ion Ratio Lower Upper

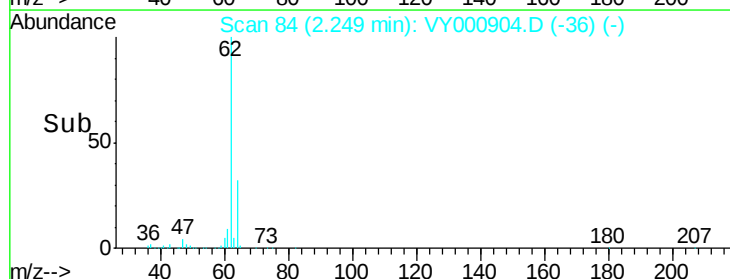
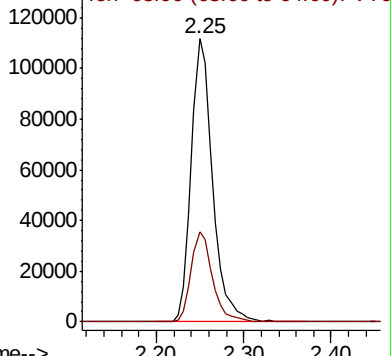
62 100

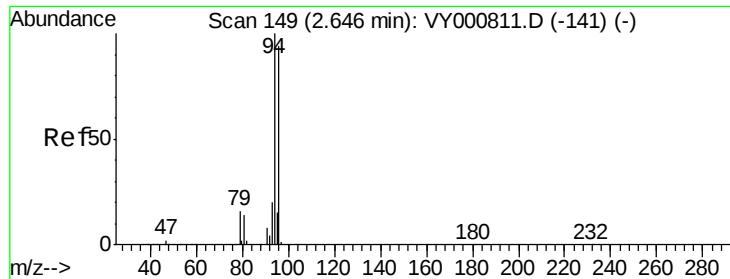
64 31.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 50.217 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 116662

Ion Ratio Lower Upper

94 100

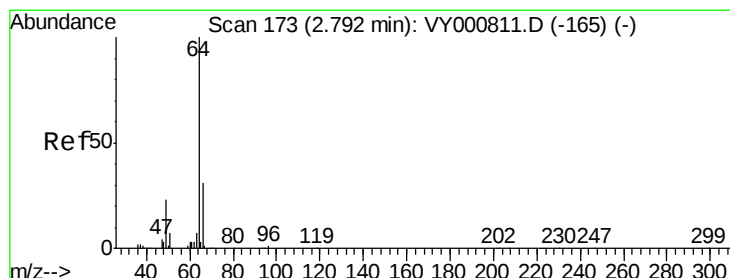
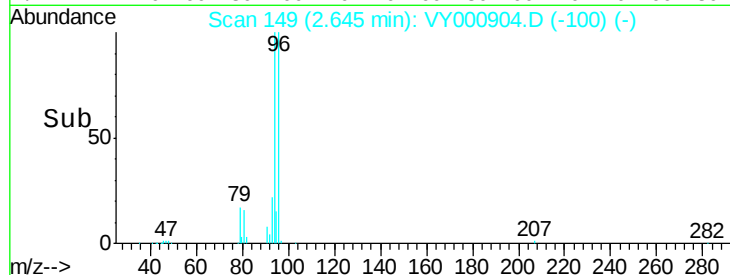
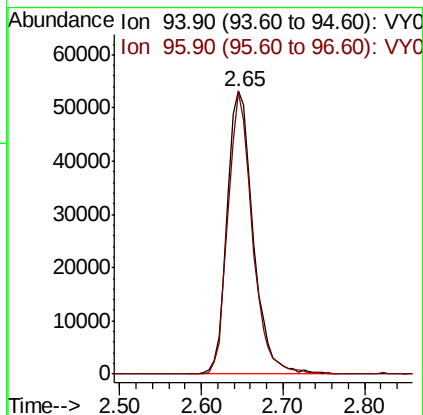
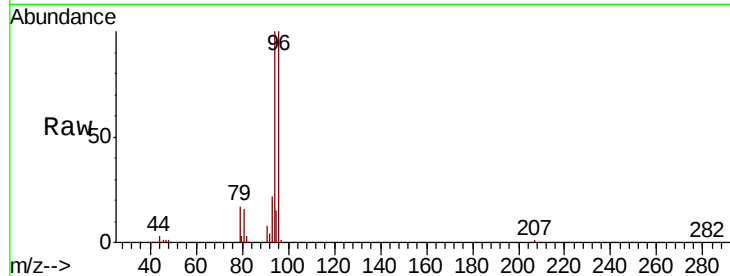
96 99.8 75.2 112.8

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#6

Chloroethane

Concen: 50.392 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000904.D

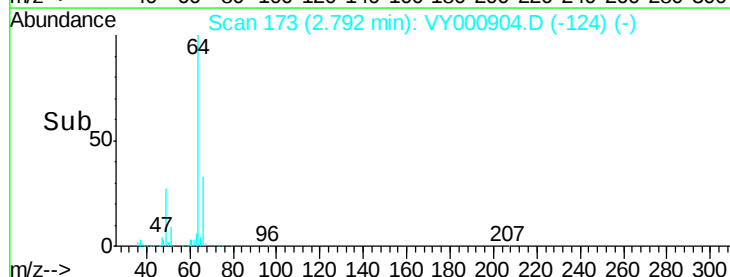
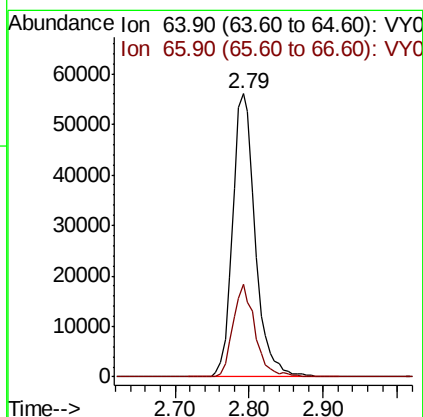
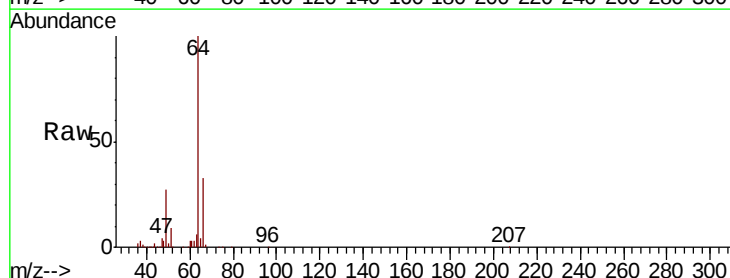
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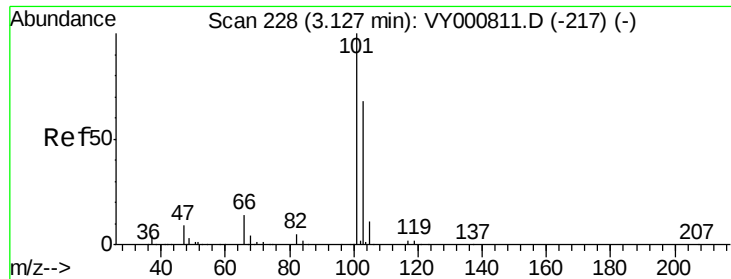
Tgt Ion: 64 Resp: 119335

Ion Ratio Lower Upper

64 100

66 33.0 25.0 37.4





#7

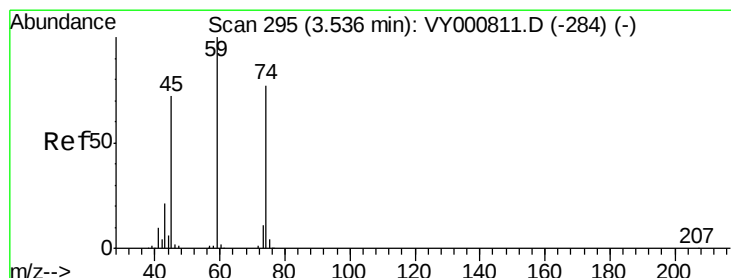
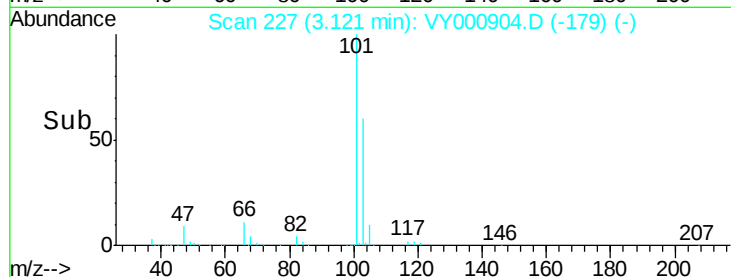
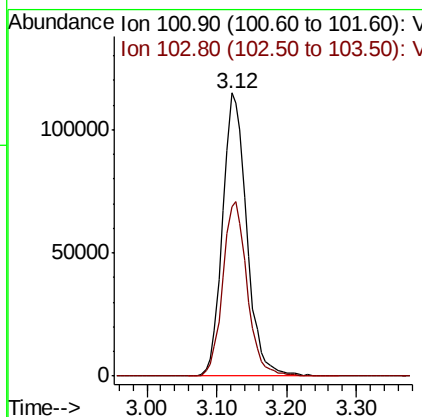
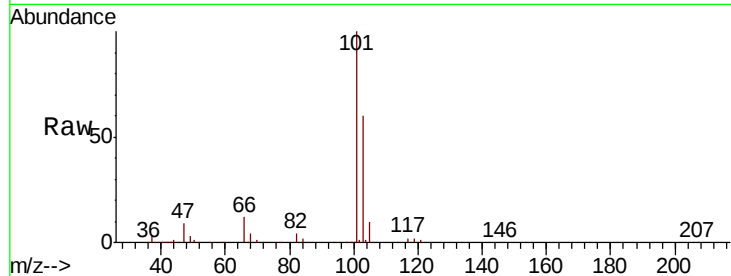
Trichlorofluoromethane
 Concen: 51.991 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.1	54.2	81.2

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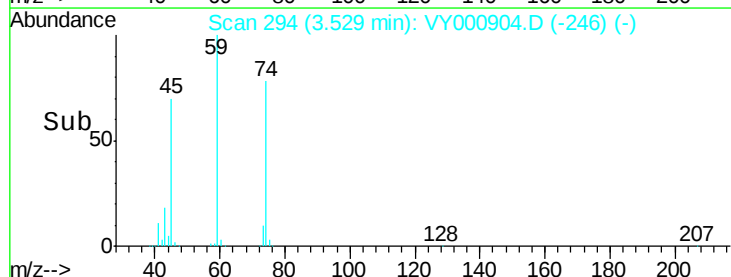
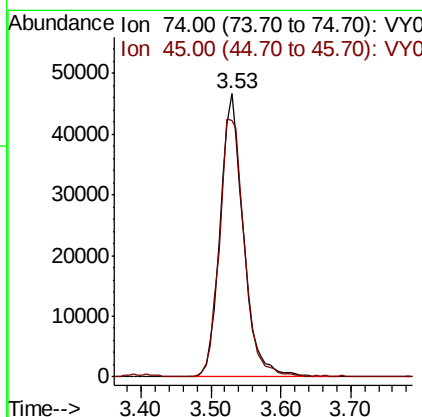
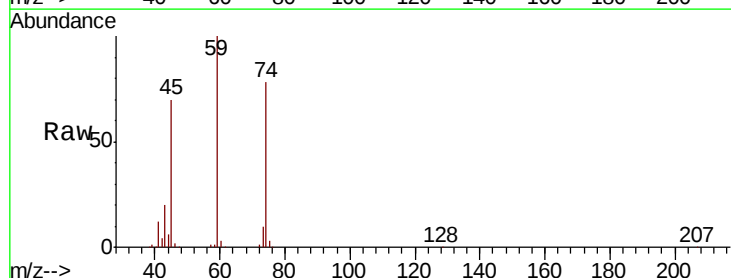
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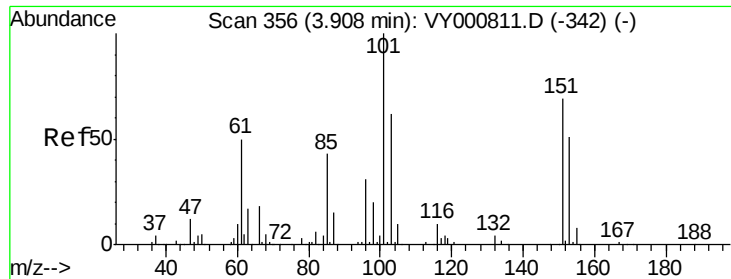


#8

Diethyl Ether
 Concen: 54.003 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.668 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

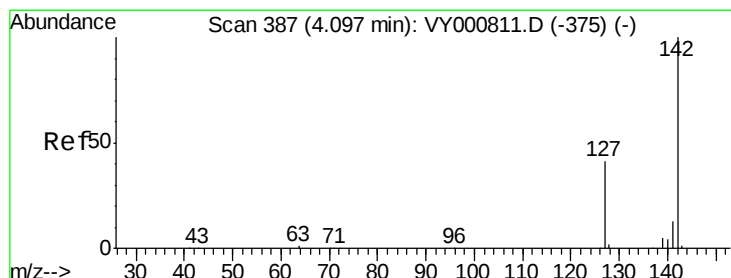
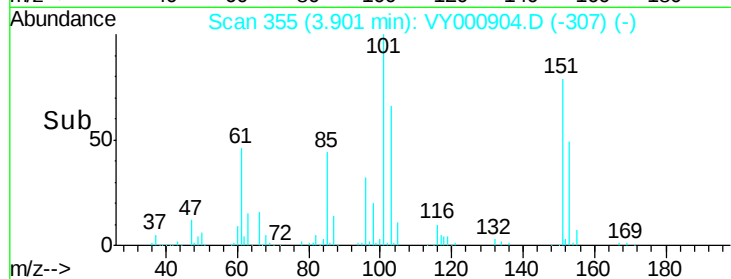
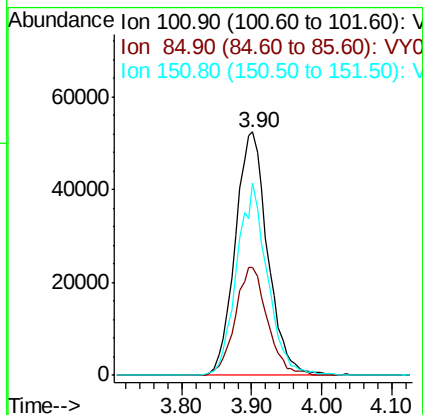
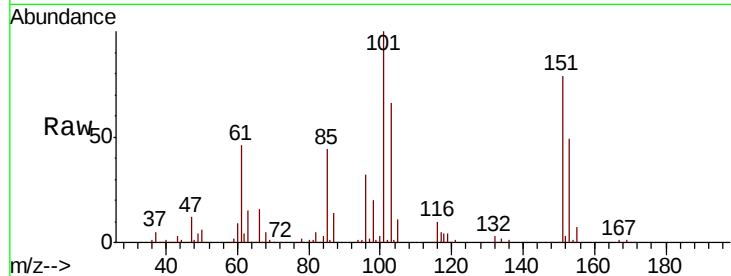
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	168893
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.0	54.0
151	74.3	58.2	87.2

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#10

Methyl Iodide

Concen: 54.068 ug/l

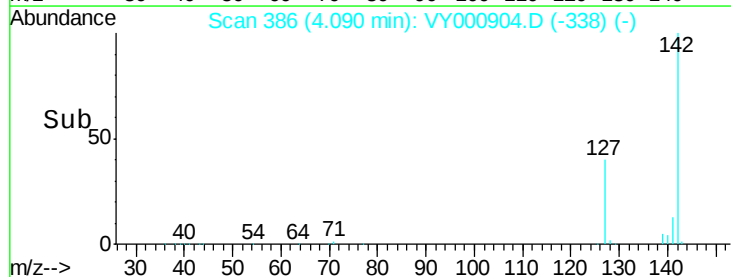
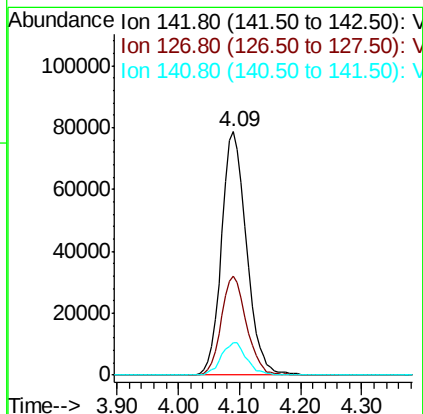
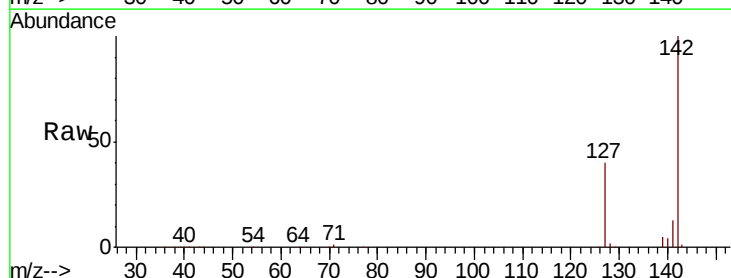
RT: 4.09 min Scan# 386

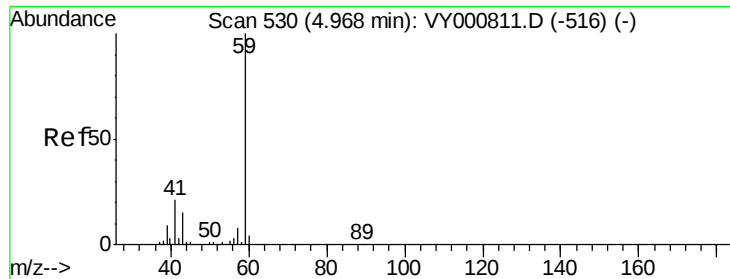
Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Tgt Ion:	142	Resp:	222523
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.8	50.8
141	13.6	10.9	16.3





#11

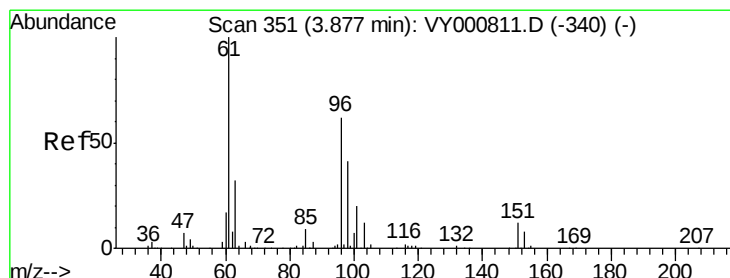
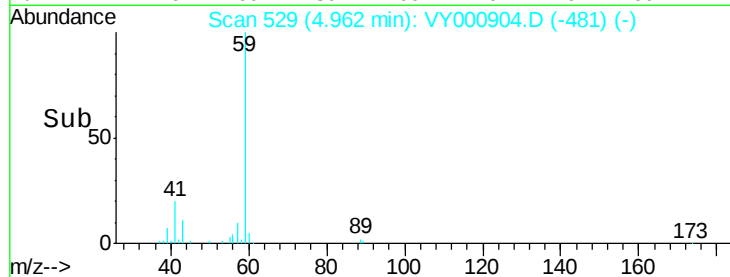
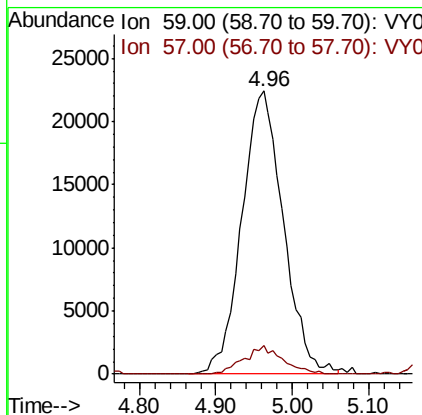
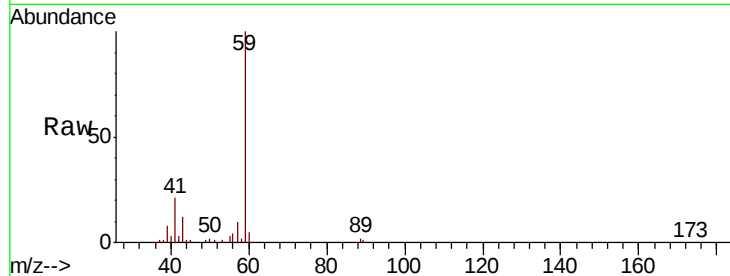
Tert butyl alcohol
 Concen: 267.919 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59.00 (58.70 to 59.70): VY0	Resp	84593
Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.8	11.6

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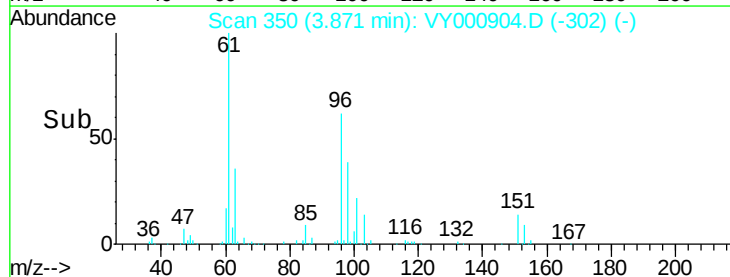
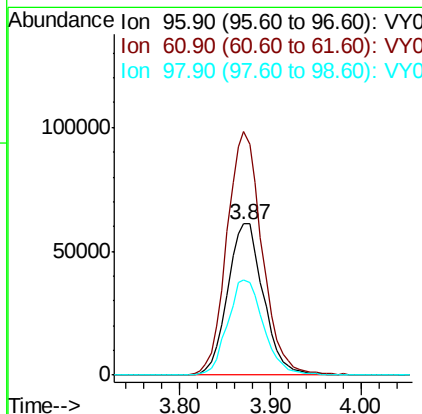
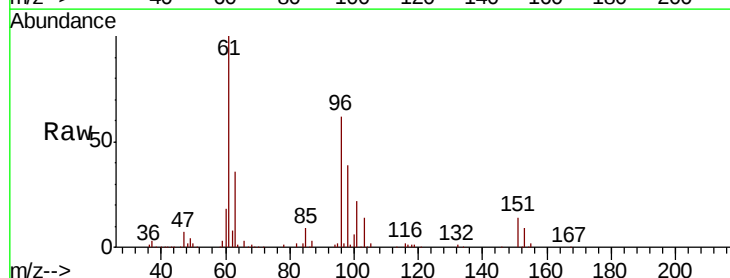
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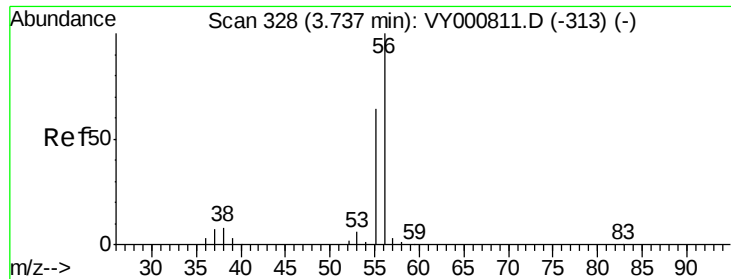


#12

1,1-Dichloroethene
 Concen: 51.622 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion	96	Resp	167172
Ion	Ratio	Lower	Upper
96	100		
61	161.0	129.4	194.2
98	62.8	53.4	80.0





#13

Acrolein

Concen: 239.748 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 74568

Ion Ratio Lower Upper

56 100

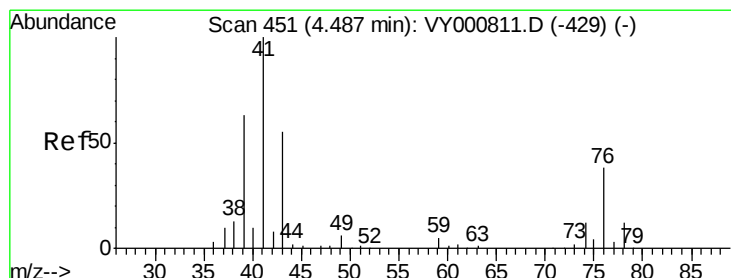
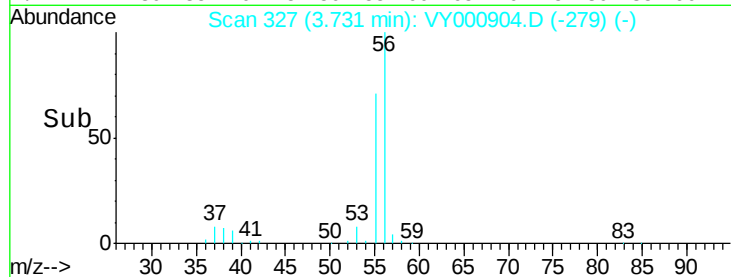
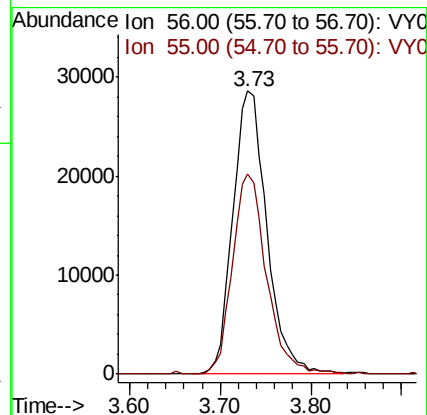
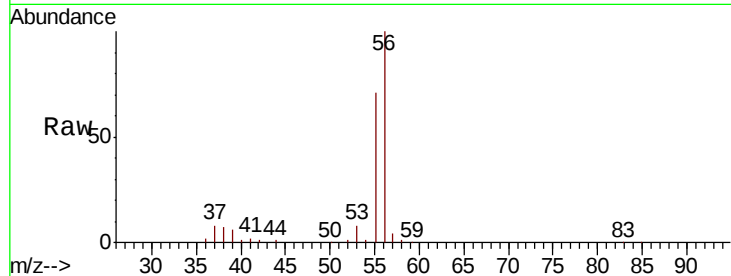
55 70.8 55.7 83.5

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#14

Allyl chloride

Concen: 53.105 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

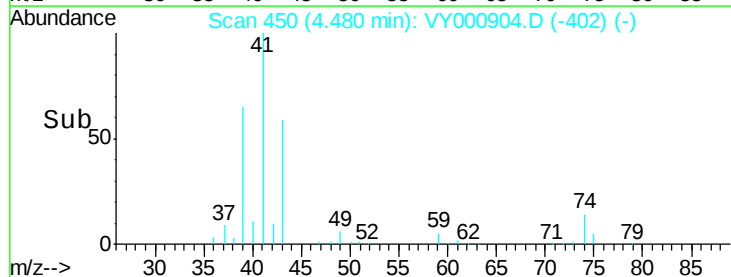
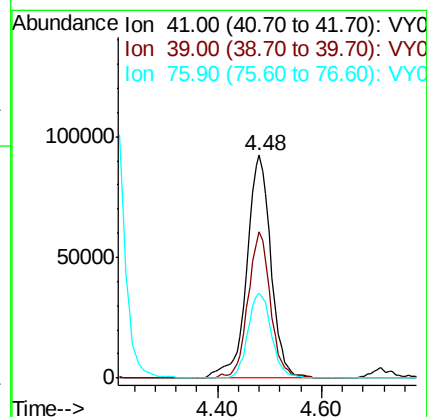
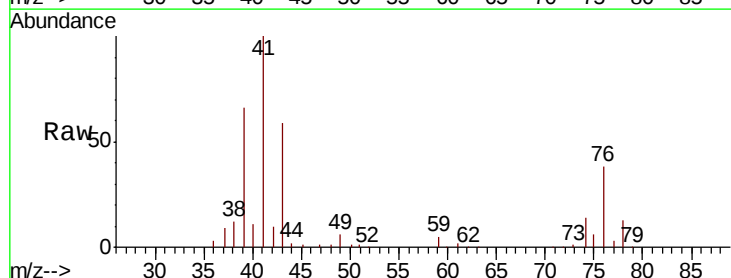
Tgt Ion: 41 Resp: 294872

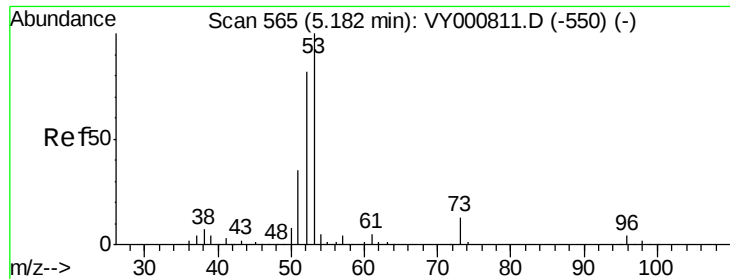
Ion Ratio Lower Upper

41 100

39 61.3 49.2 73.8

76 36.8 29.2 43.8





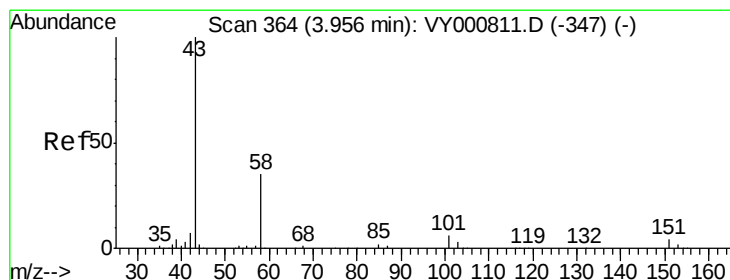
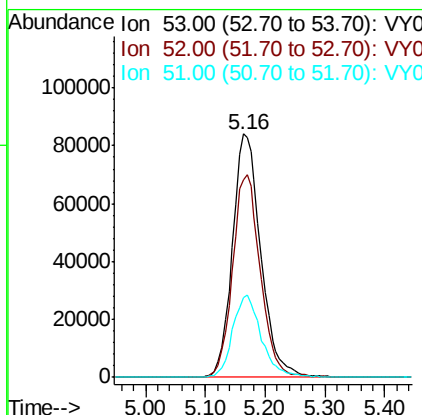
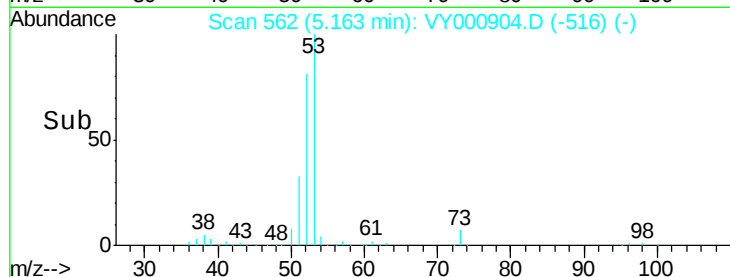
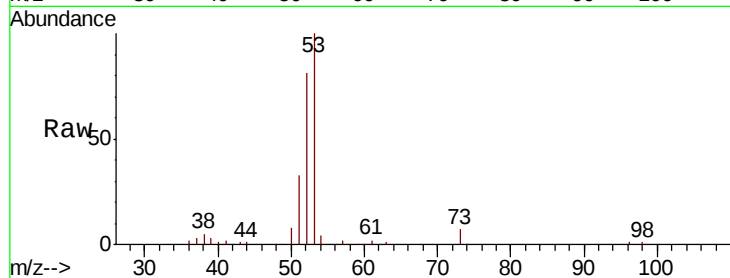
#15
 Acrylonitrile
 Concen: 269.976 ug/l
 RT: 5.16 min Scan# 562
 Delta R.T. -0.02 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.1	97.7
51	34.3	29.0	43.4

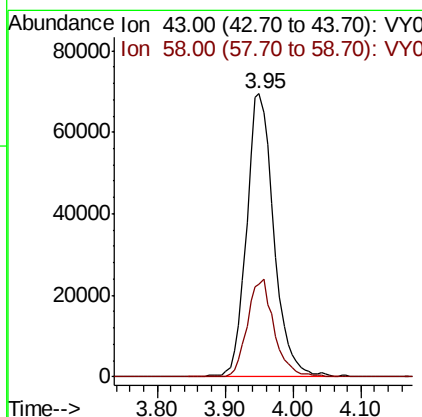
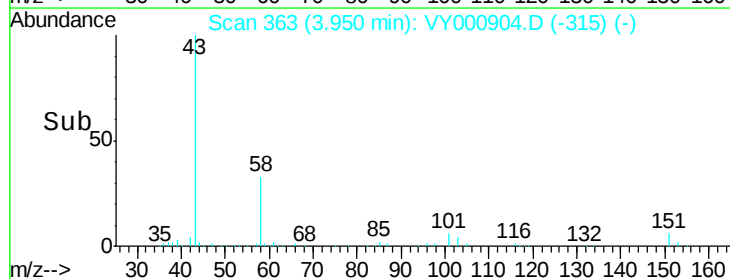
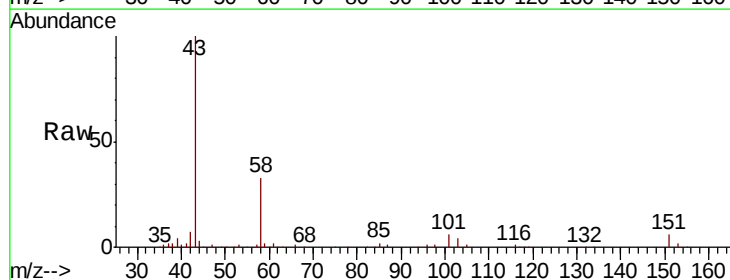
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#16
 Acetone
 Concen: 269.836 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.7	28.0	42.0





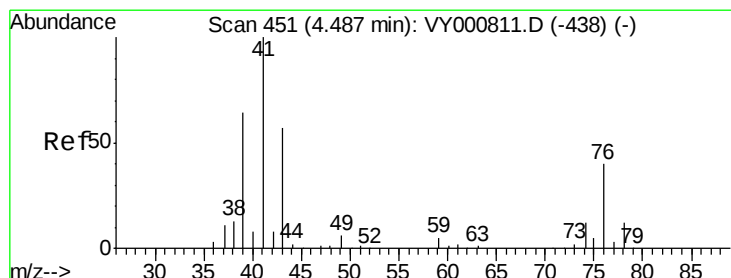
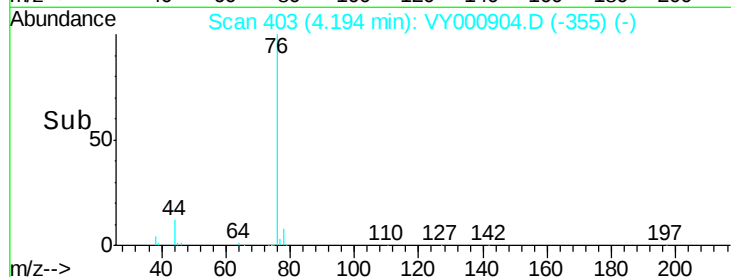
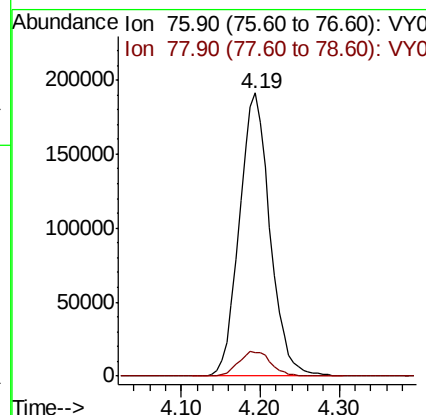
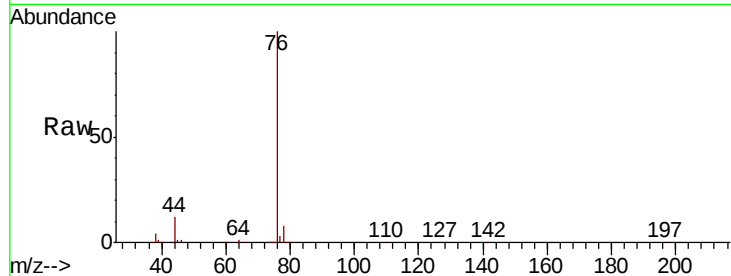
#17
Carbon Disulfide
Concen: 49.266 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.3	10.9

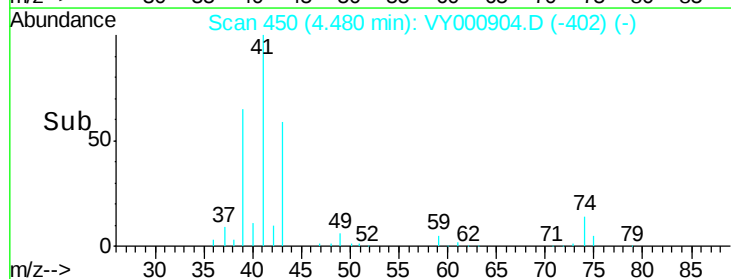
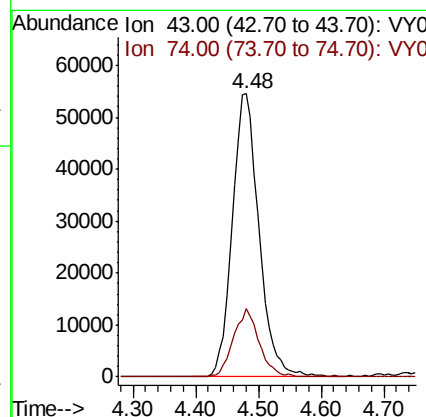
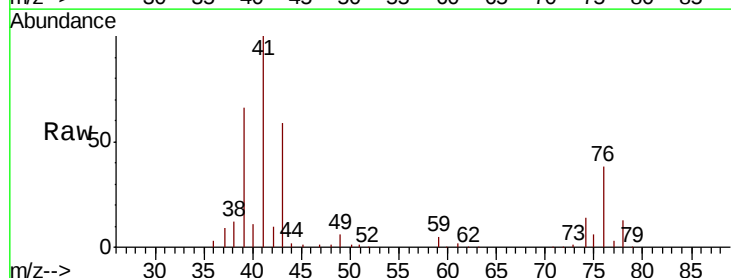
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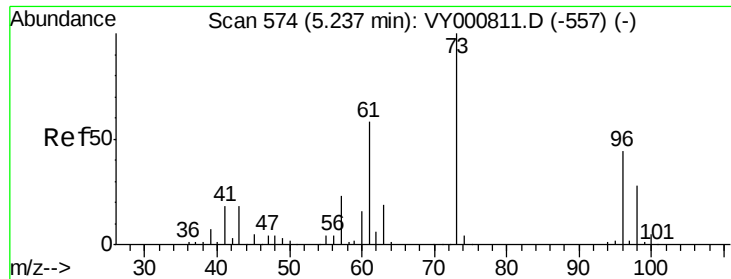
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#18
Methyl Acetate
Concen: 53.401 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.5	27.7





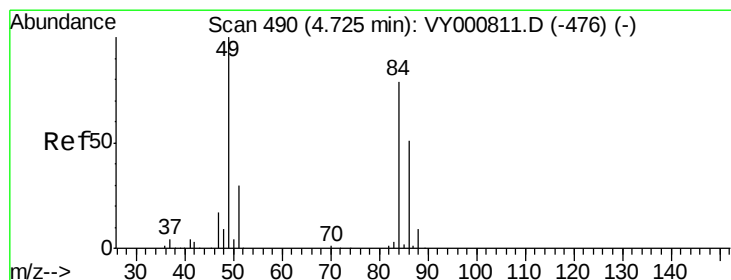
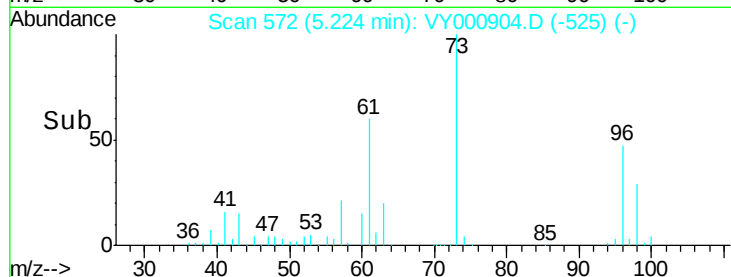
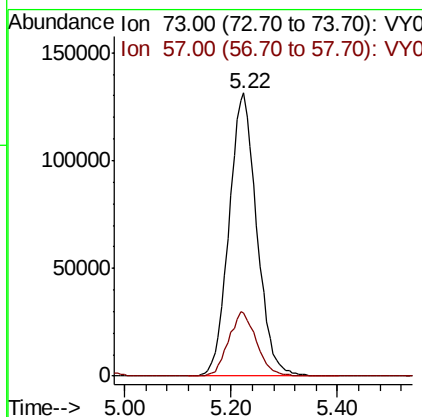
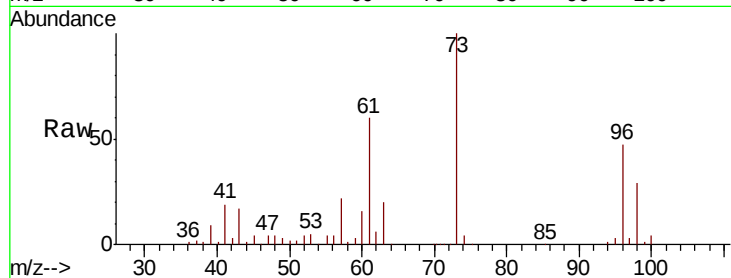
#19
Methvl tert-butvl Ether
Concen: 55.156 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 477015
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.4

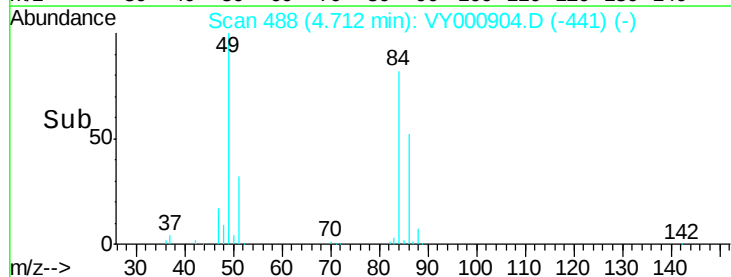
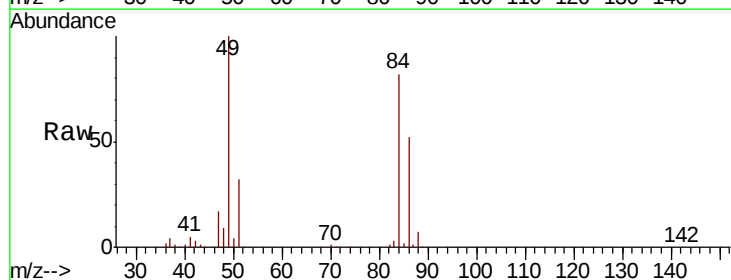
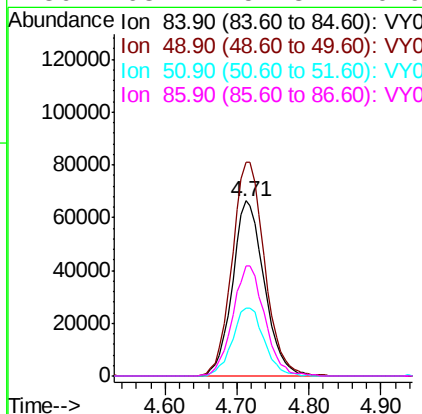
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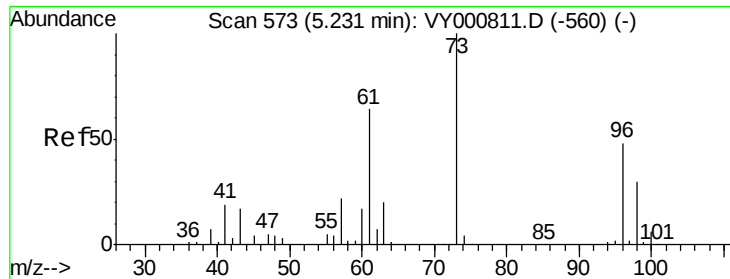
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#20
Methylene Chloride
Concen: 53.714 ug/l
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion: 84 Resp: 203838
Ion Ratio Lower Upper
84 100
49 121.8 101.3 151.9
51 39.0 30.6 45.8
86 63.1 51.3 76.9





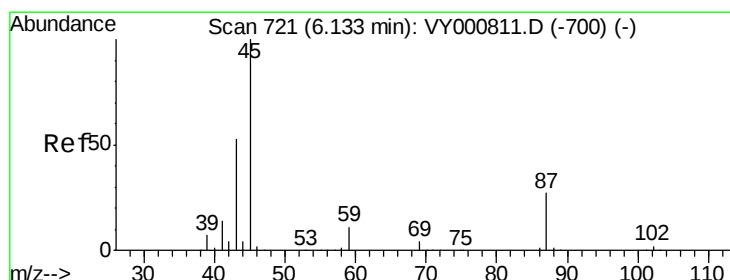
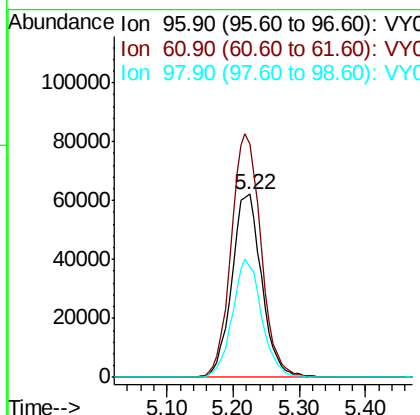
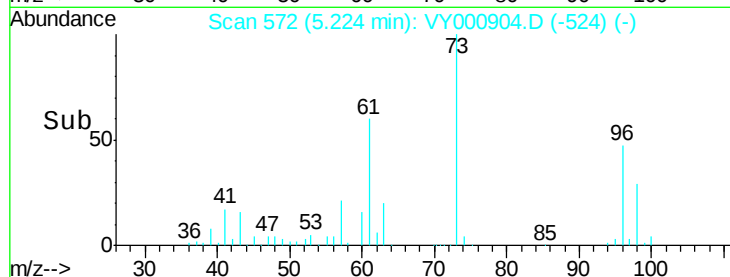
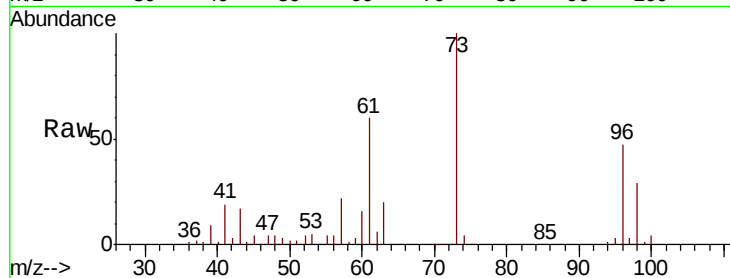
#21
trans-1,2-Dichloroethene
Concen: 52.852 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.6	105.9	158.9
98	60.8	49.4	74.2

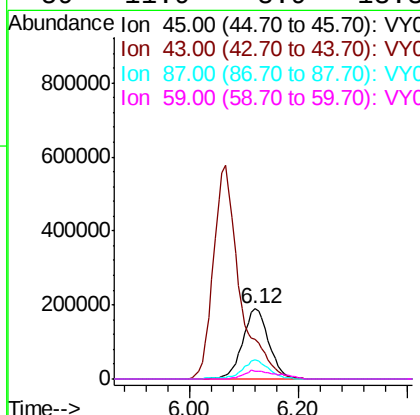
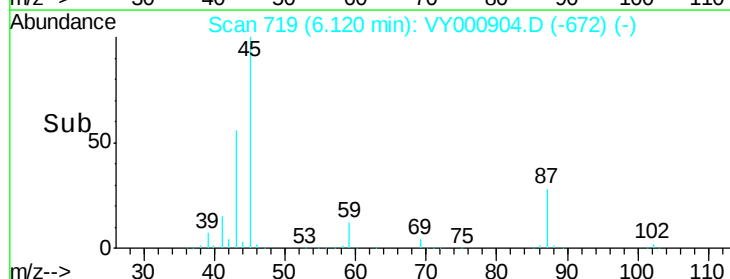
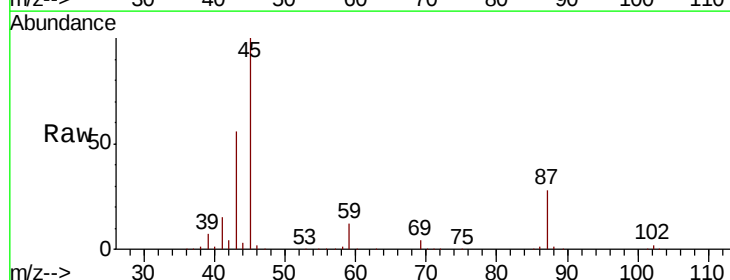
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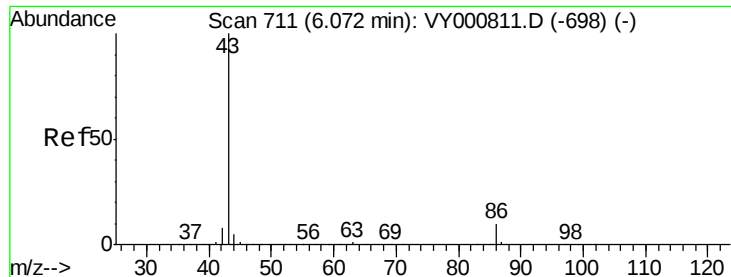
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#22
Diisopropyl ether
Concen: 55.490 ug/l
RT: 6.12 min Scan# 719
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.7	42.7	64.1
87	27.8	22.0	33.0
59	11.9	8.9	13.3





#23

Vinyl Acetate

Concen: 277.485 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1925201

Ion Ratio Lower Upper

43 100

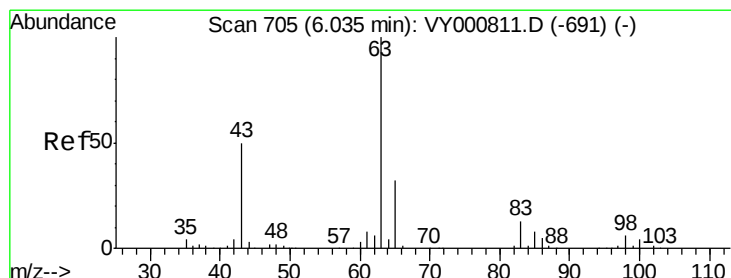
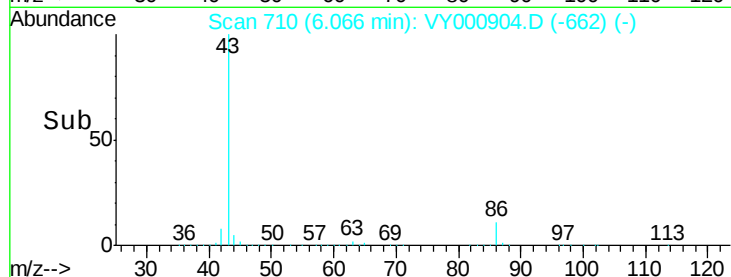
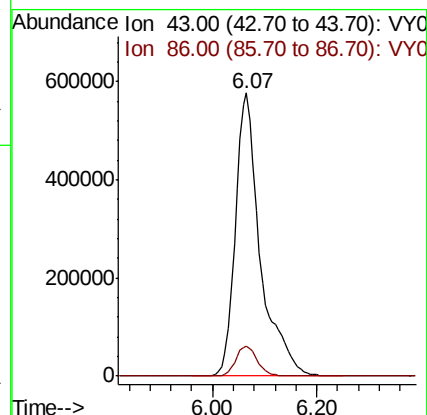
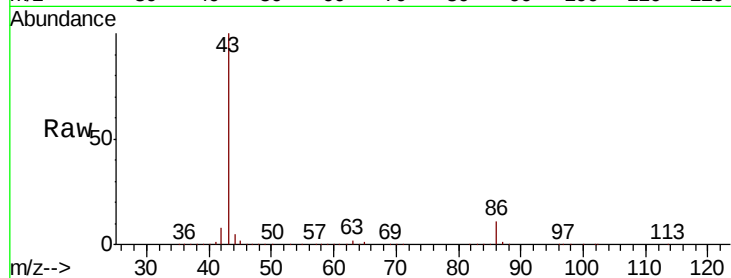
86 10.8 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 53.883 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

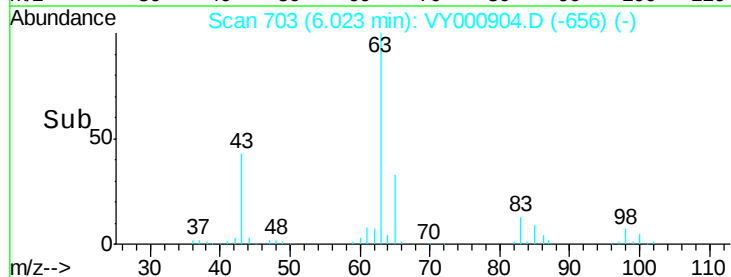
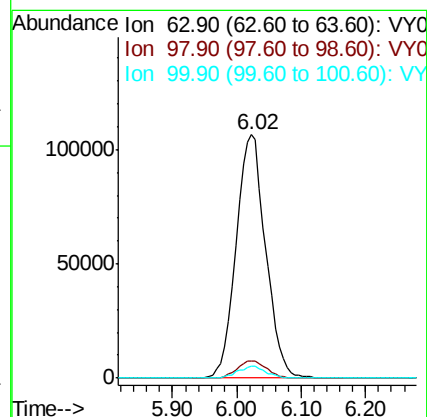
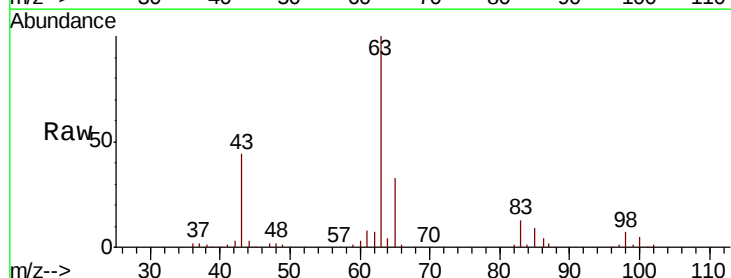
Tgt Ion: 63 Resp: 338930

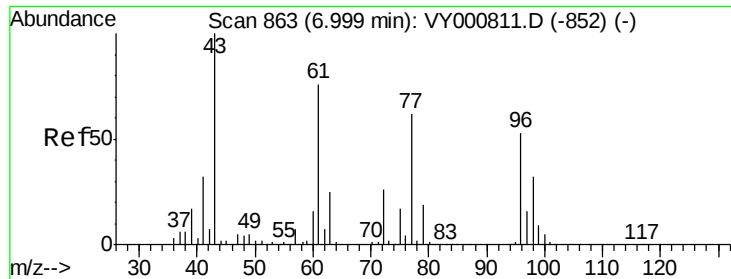
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 5.0 2.2 6.6





#25

2-Butanone

Concen: 267.114 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 355237

Ion Ratio Lower Upper

43 100

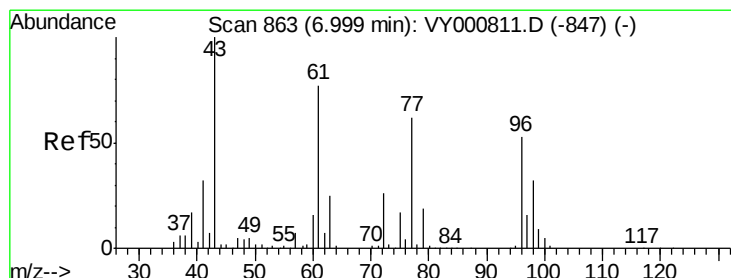
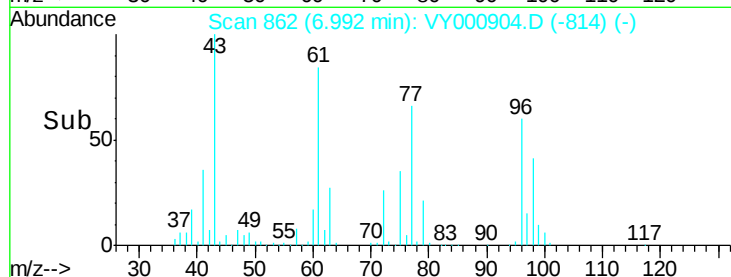
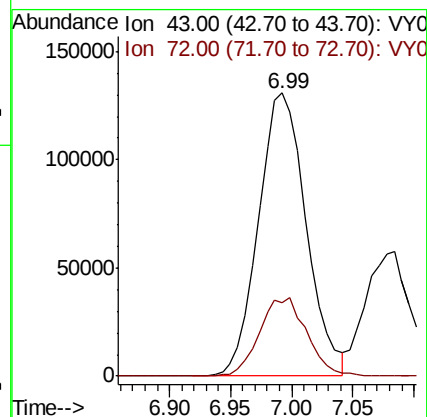
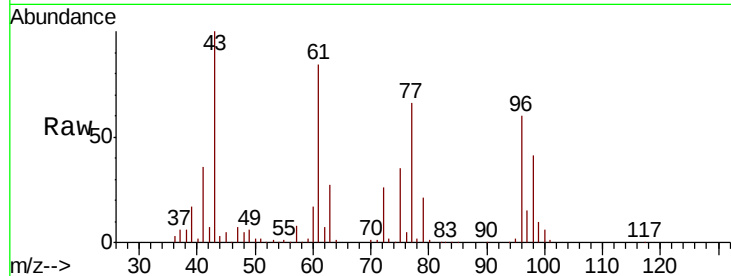
72 25.8 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 52.948 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000904.D

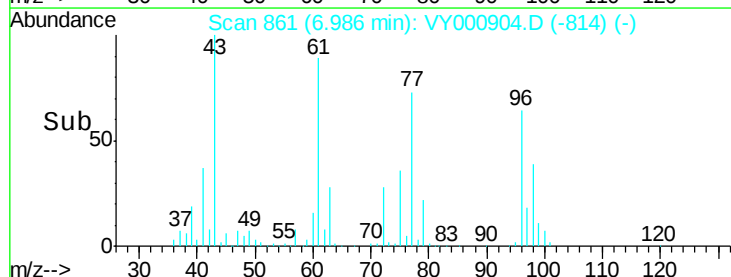
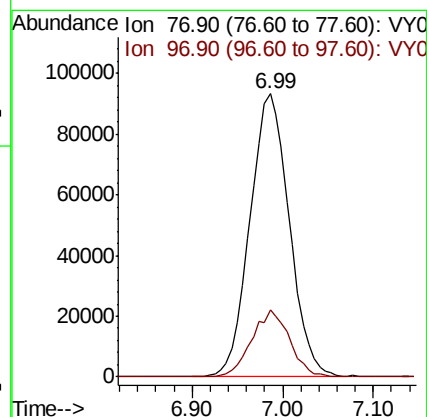
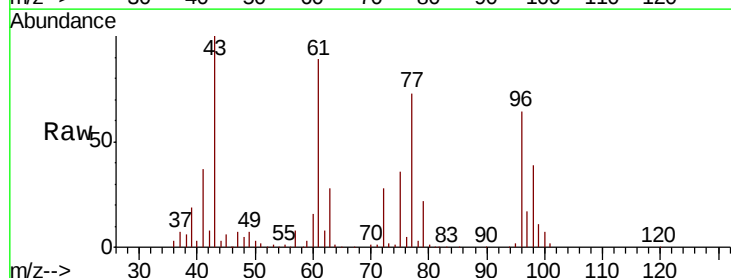
Acq: 06 Dec 2019 16:43

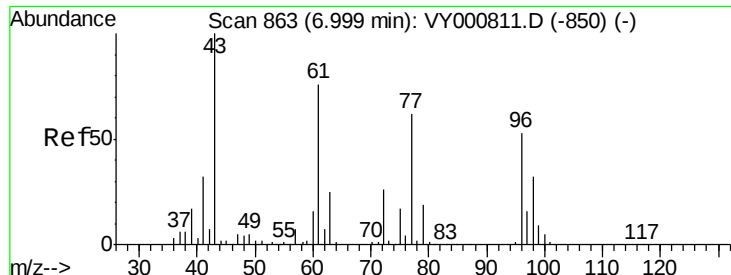
Tgt Ion: 77 Resp: 280311

Ion Ratio Lower Upper

77 100

97 22.9 11.9 35.9





#27

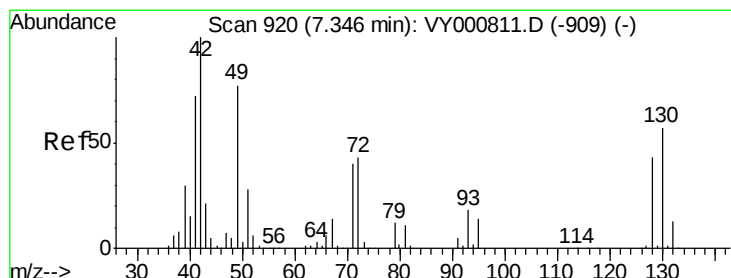
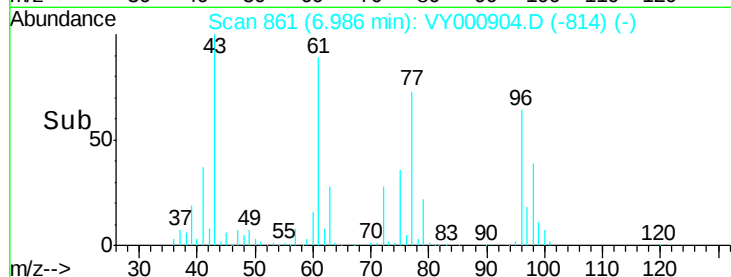
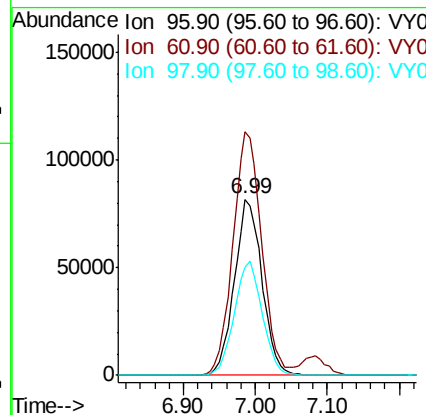
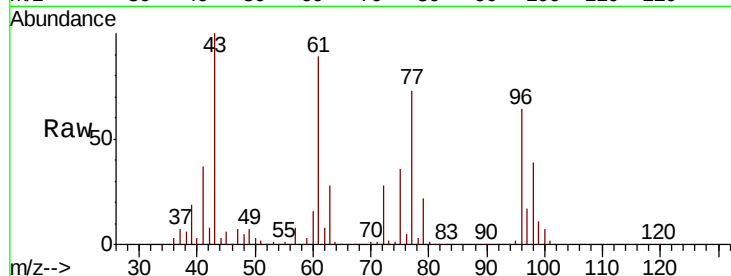
cis-1,2-Dichloroethene
Concen: 54.535 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	216980		
61	144.0	0.0	285.0	
98	65.8	0.0	128.0	

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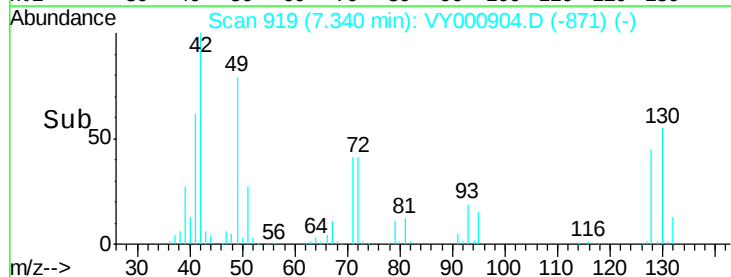
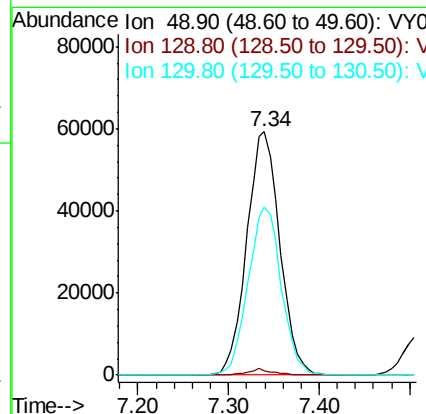
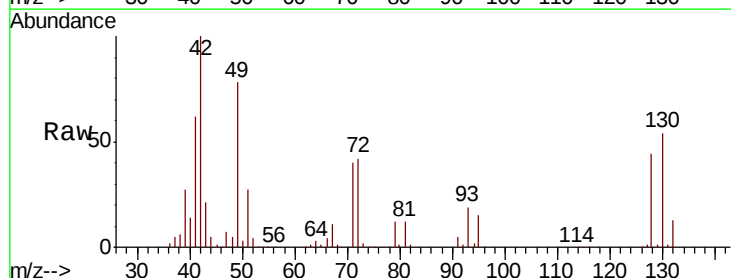
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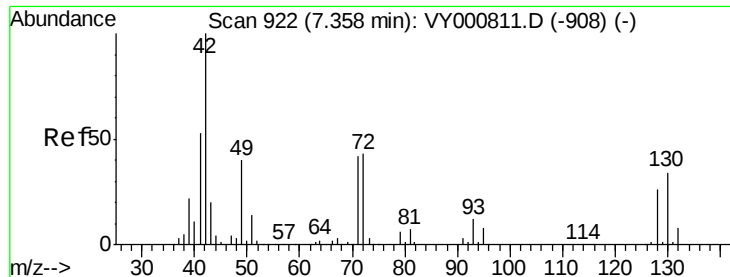


#28

Bromochloromethane
Concen: 64.320 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	149727		
129	2.0	0.0	3.8	
130	69.4	58.7	88.1	





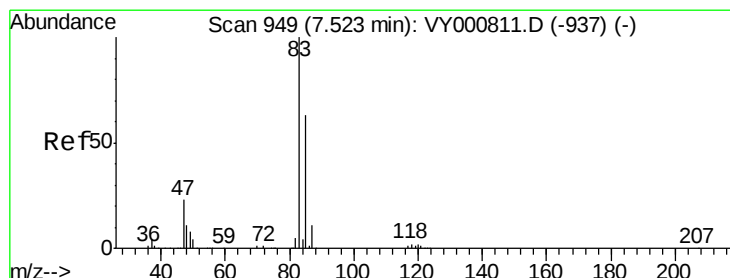
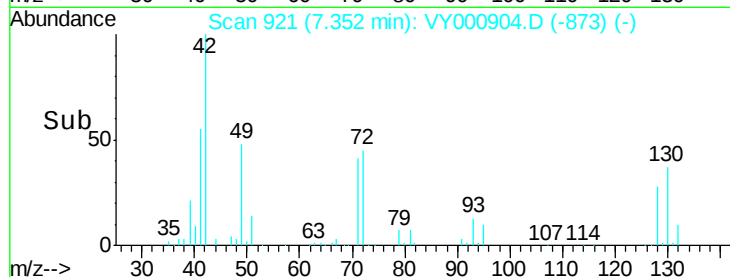
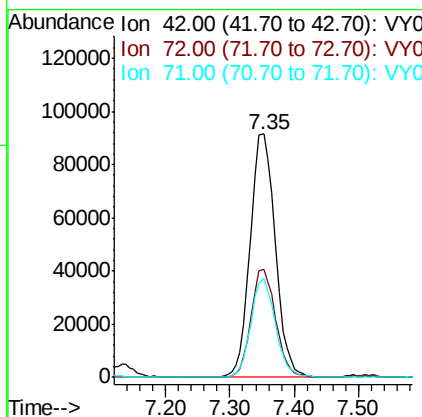
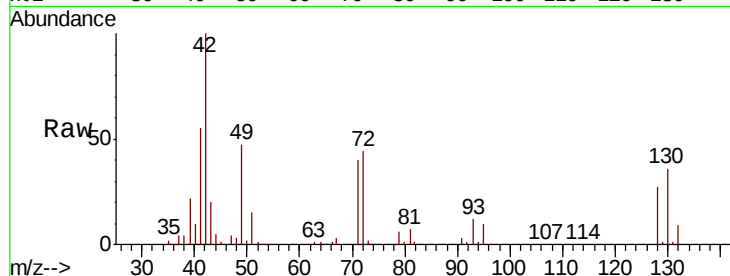
#29
Tetrahydrofuran
Concen: 277.308 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.1	52.7
71	39.5	32.8	49.2

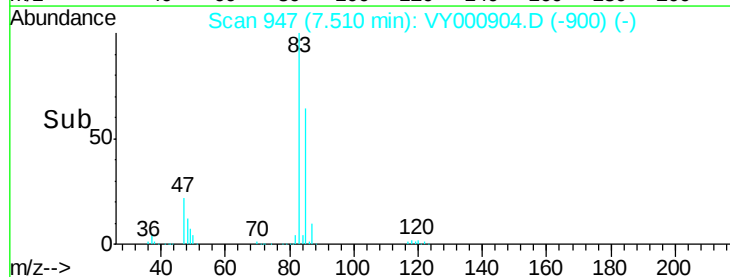
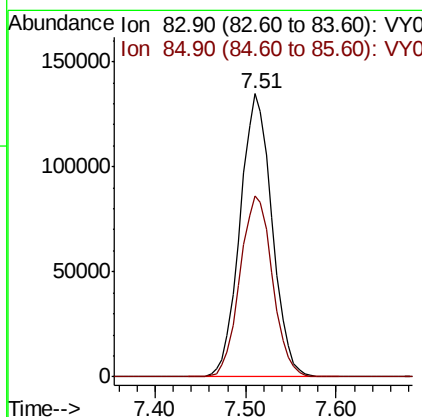
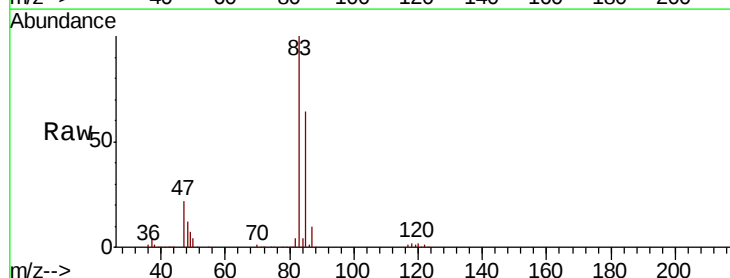
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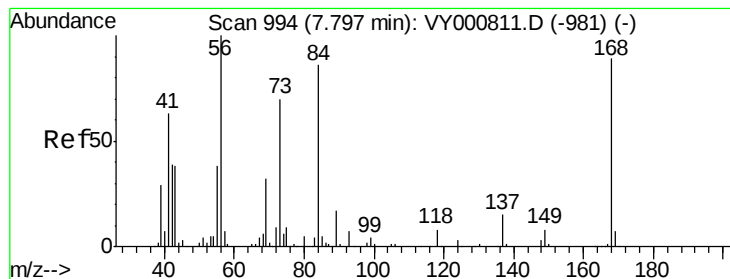
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#30
Chloroform
Concen: 52.061 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.4	75.6





#31

Cyclohexane

Concen: 49.399 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 329169

Ion Ratio Lower Upper

56 100

69 32.1 25.9 38.9

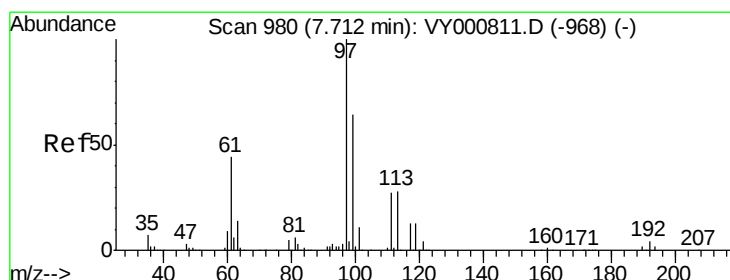
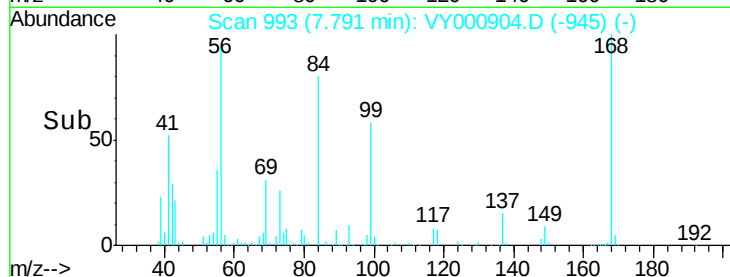
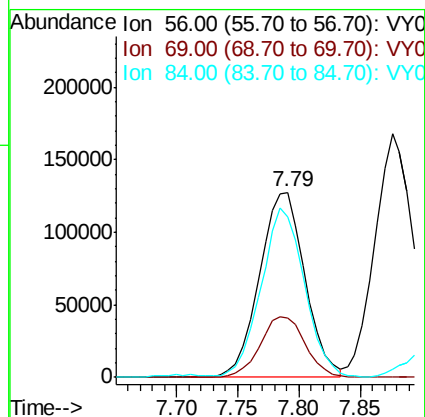
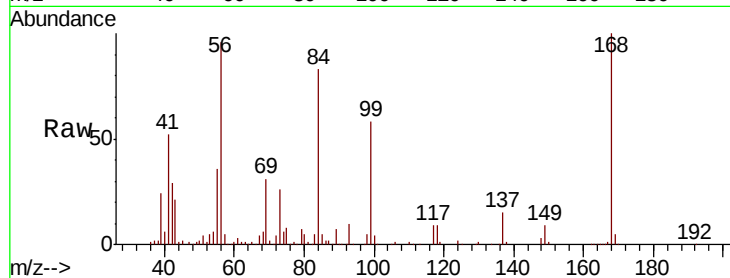
84 85.4 68.6 102.8

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#32

1,1,1-Trichloroethane

Concen: 53.987 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

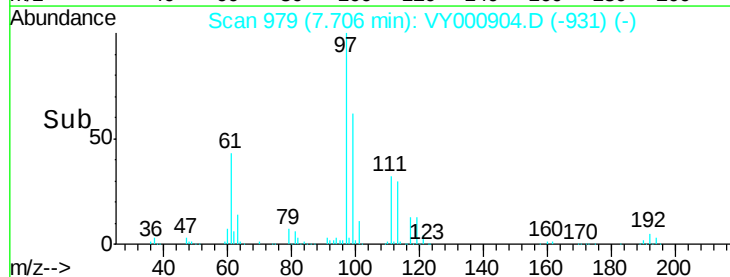
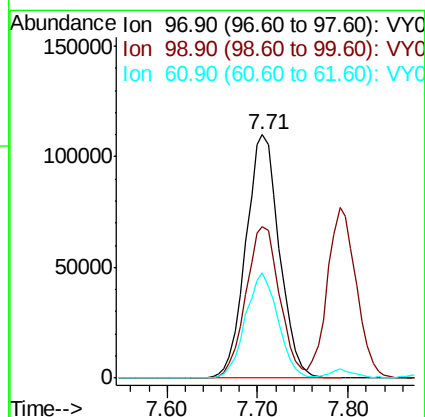
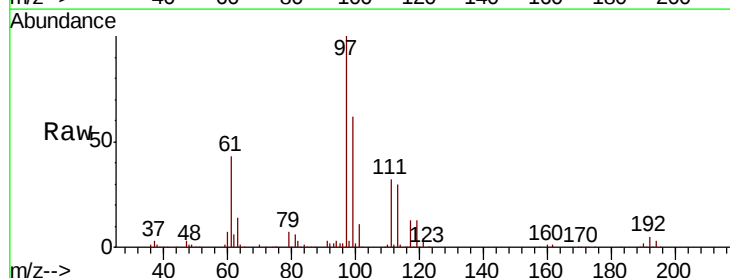
Tgt Ion: 97 Resp: 281301

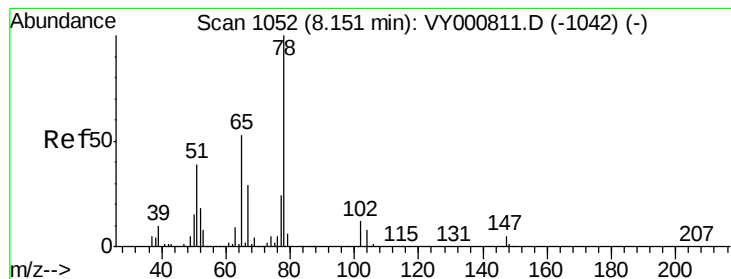
Ion Ratio Lower Upper

97 100

99 62.9 51.7 77.5

61 42.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.936 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 162993

Ion Ratio Lower Upper

65 100

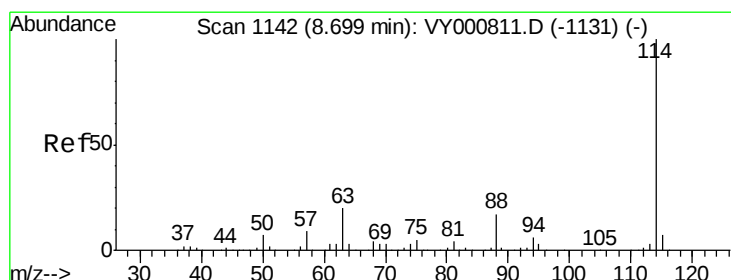
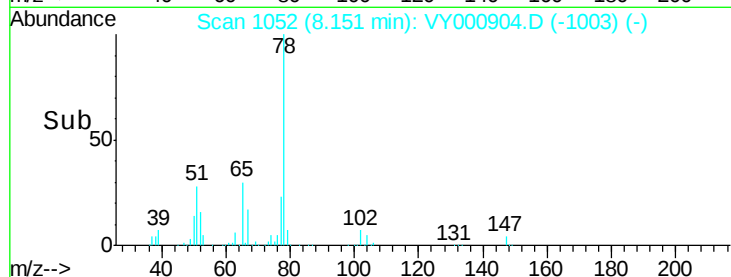
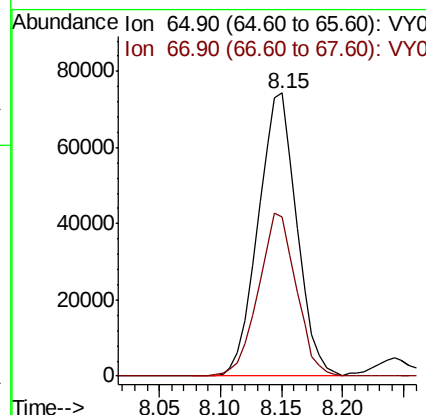
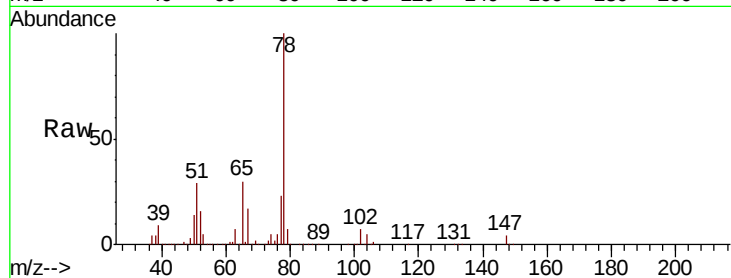
67 56.7 0.0 112.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

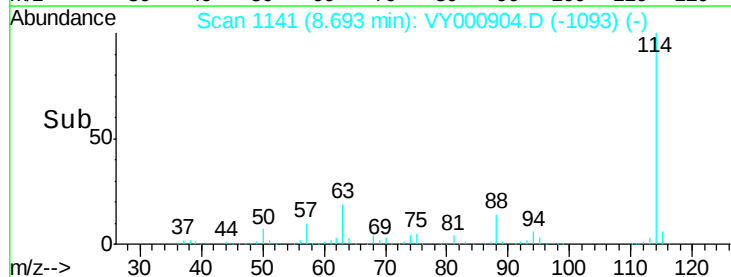
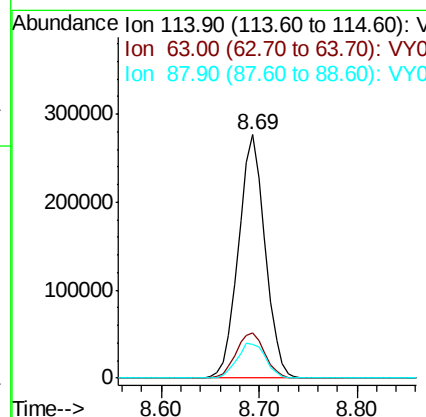
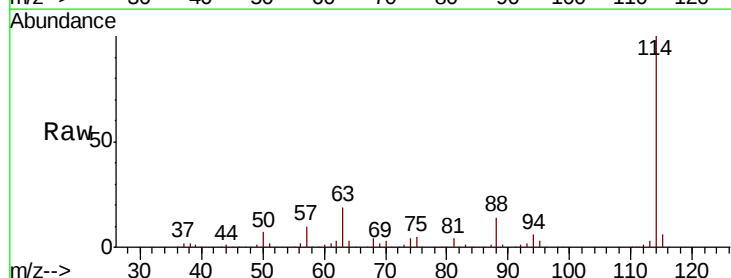
Tgt Ion: 114 Resp: 520231

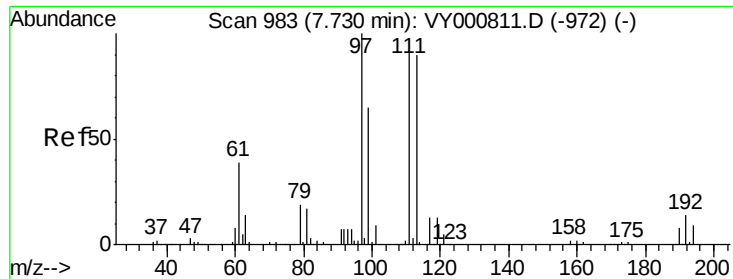
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.8

88 14.0 0.0 33.2





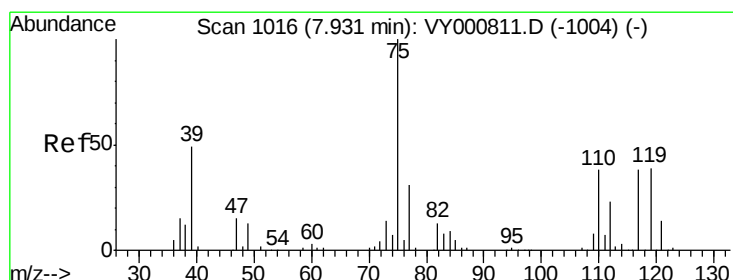
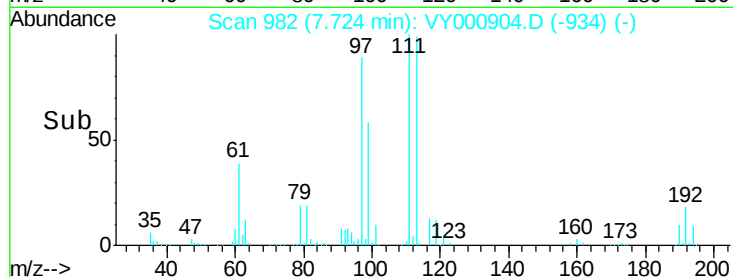
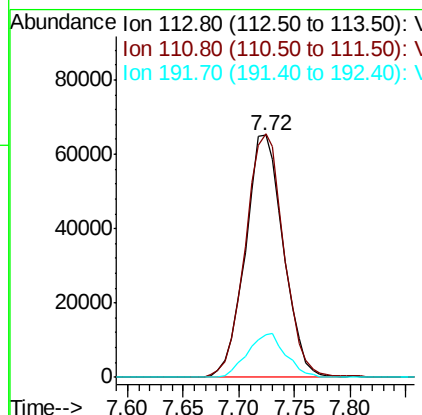
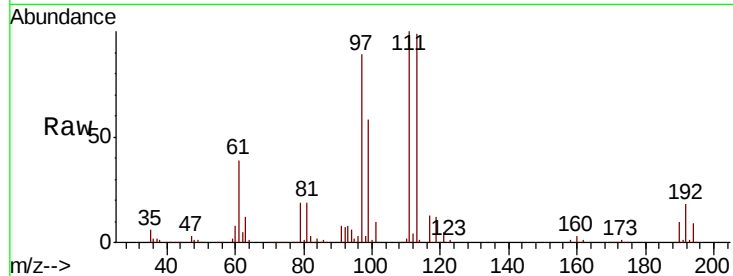
#35
Dibromofluoromethane
Concen: 51.111 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	154965		
111	101.4	82.4	123.6	
192	18.3	14.2	21.2	

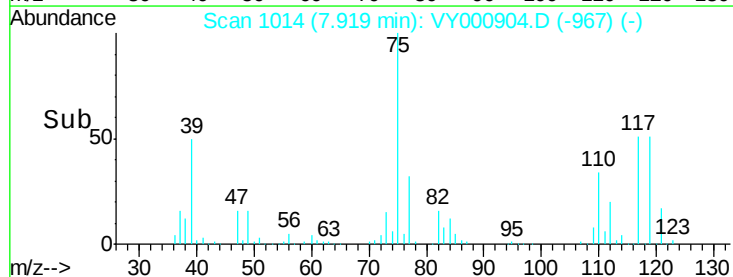
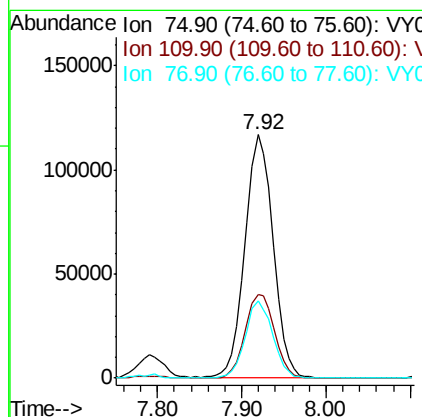
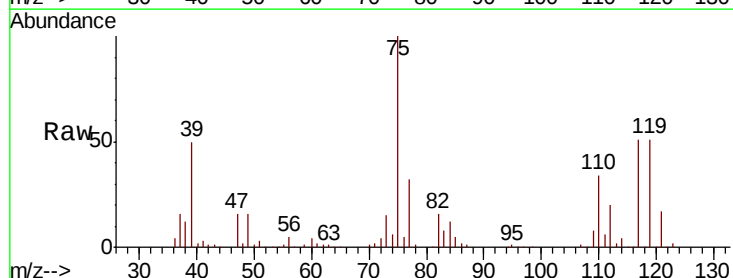
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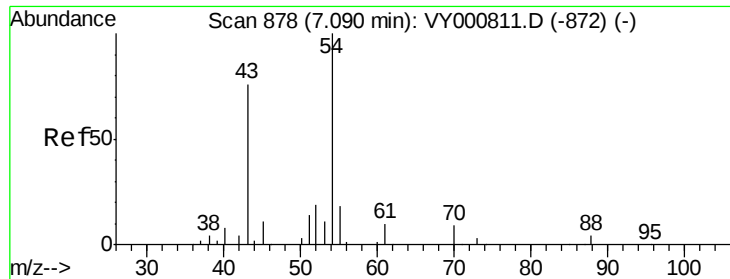
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#36
1,1-Dichloropropene
Concen: 51.180 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	264738		
110	35.7	17.9	53.7	
77	31.0	24.7	37.1	





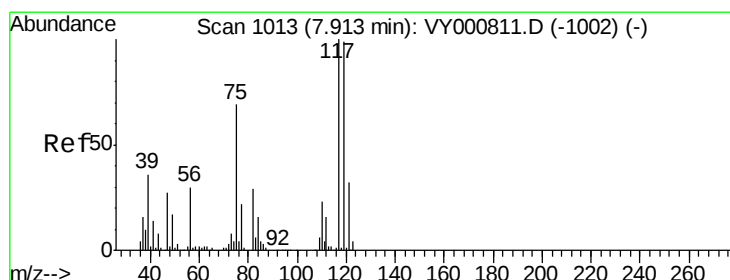
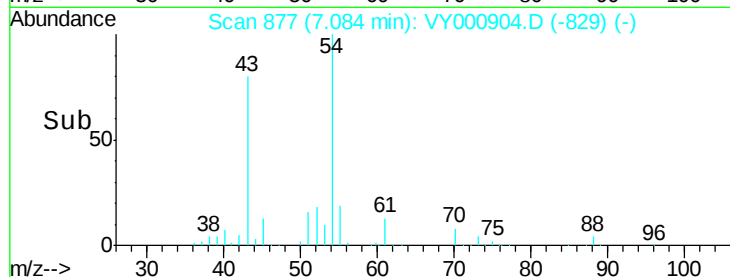
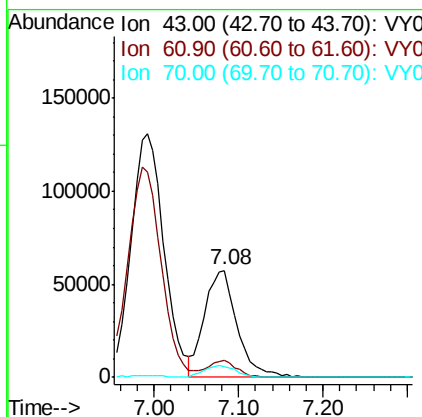
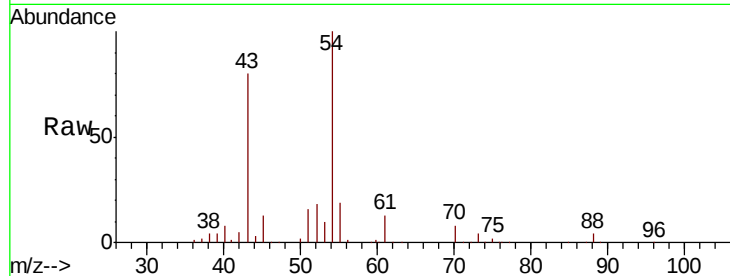
#37
Ethyl Acetate
Concen: 51.548 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.8	17.8
70	10.8	8.7	13.1

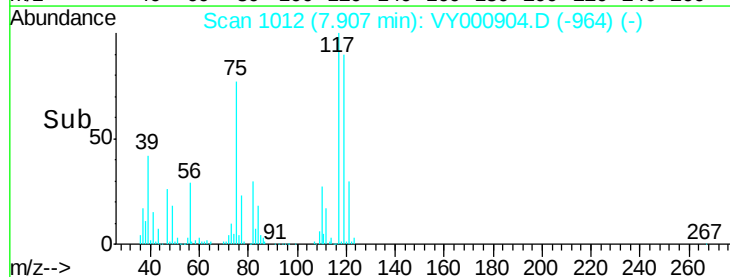
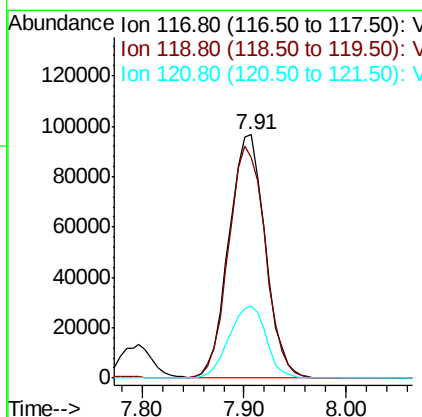
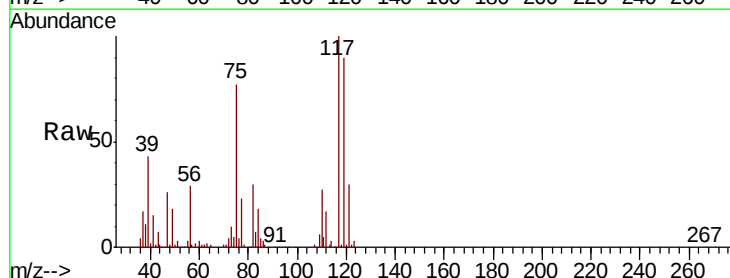
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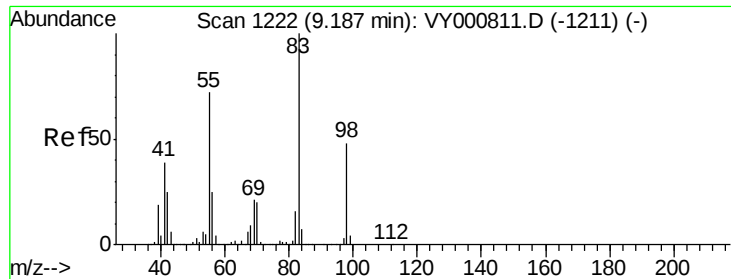
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#38
Carbon Tetrachloride
Concen: 52.091 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.4	79.3	118.9
121	29.9	25.5	38.3





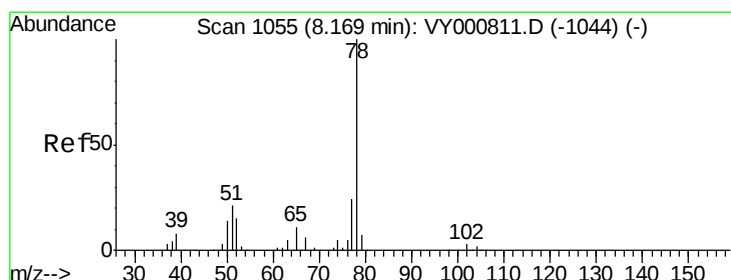
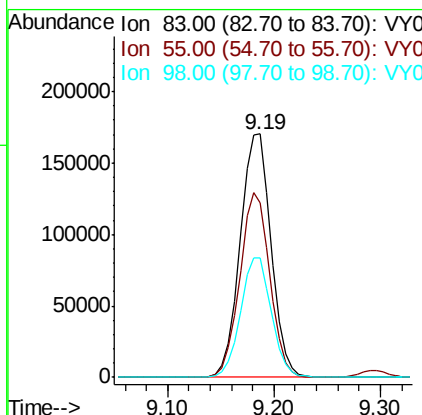
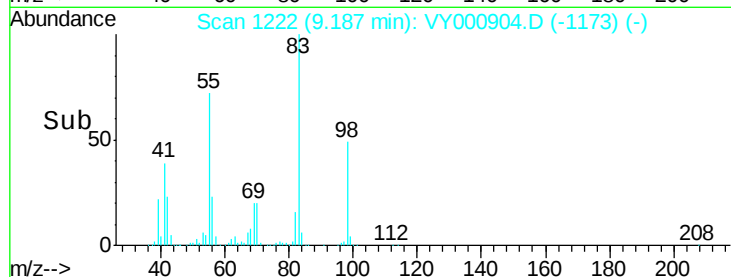
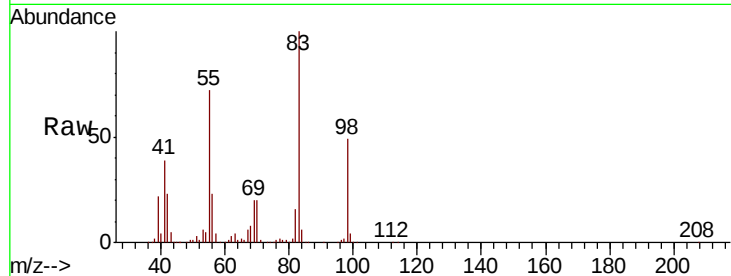
#39
Methvlcvclohexane
Concen: 50.795 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.5	57.8	86.6
98	49.0	38.6	58.0

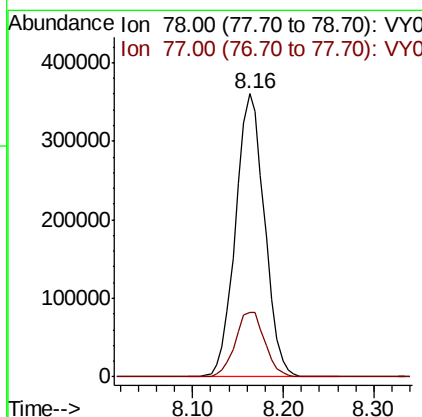
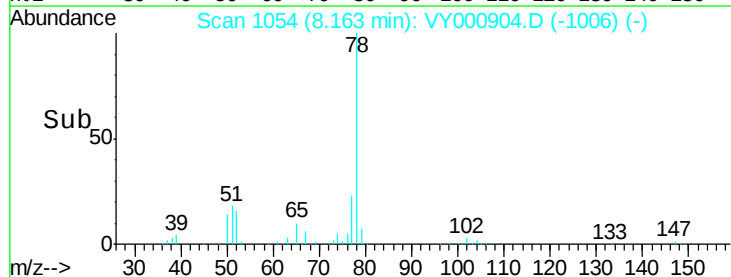
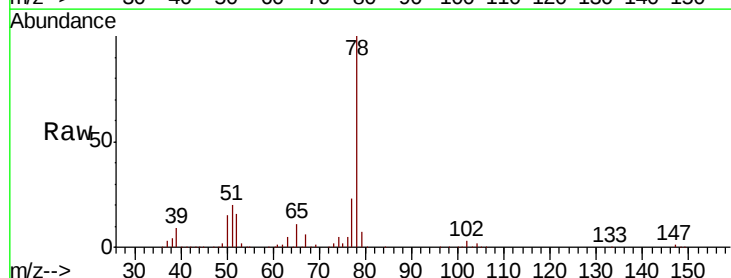
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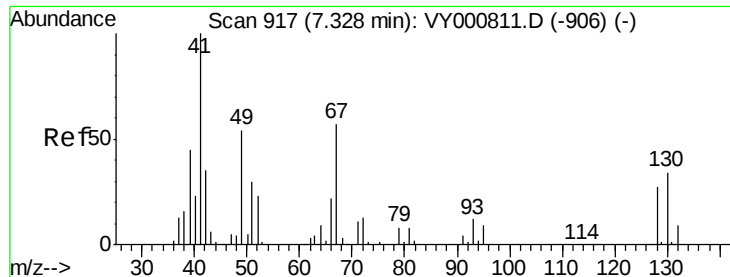
apatel
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#40
Benzene
Concen: 52.930 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.2	28.8





#41

Methacrylonitrile

Concen: 46.360 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 72980

Ion Ratio Lower Upper

41 100

39 0.0 95.7 143.5#

67 0.0 0.0 0.0

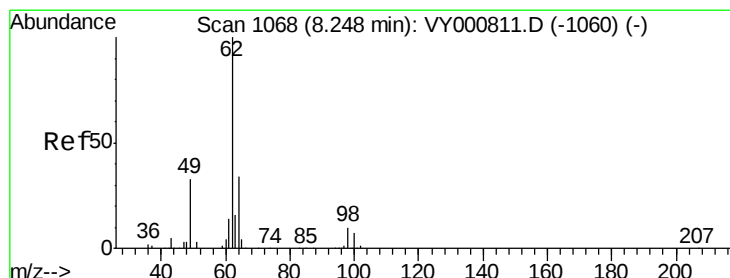
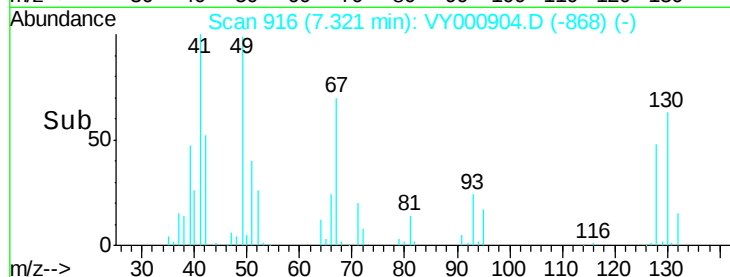
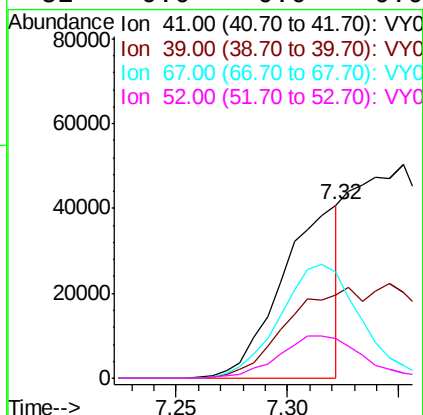
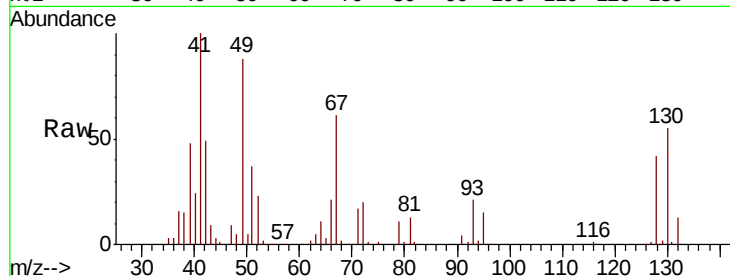
52 0.0 0.0 0.0

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#42

1,2-Dichloroethane

Concen: 53.149 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY000904.D

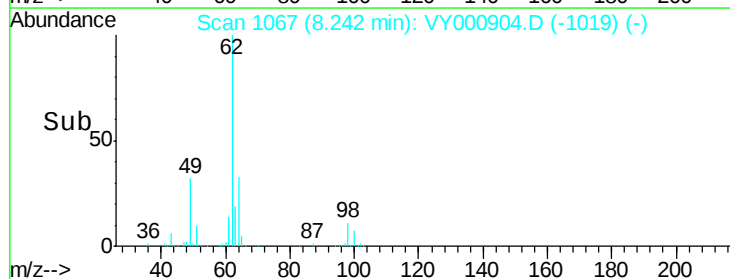
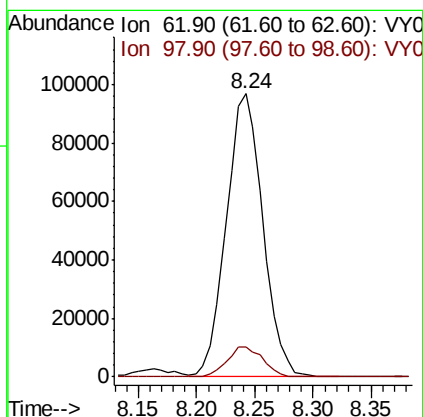
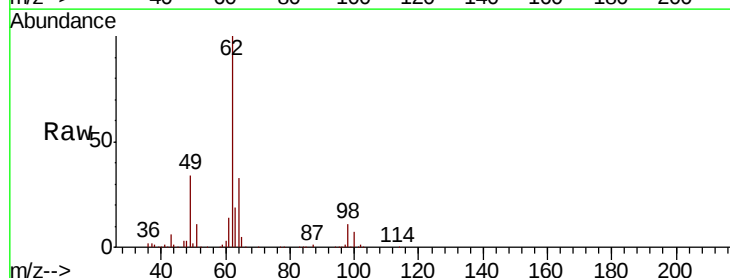
Acq: 06 Dec 2019 16:43

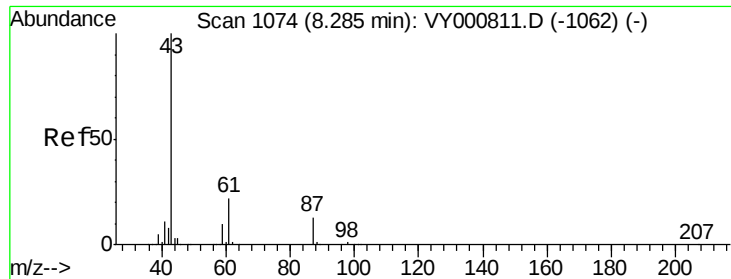
Tgt Ion: 62 Resp: 210600

Ion Ratio Lower Upper

62 100

98 10.6 0.0 21.4





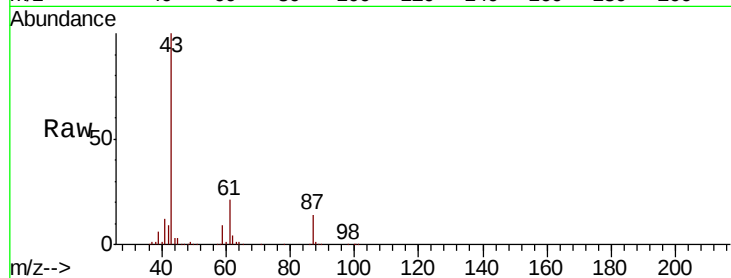
#43
Isopropyl Acetate
Concen: 53.879 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

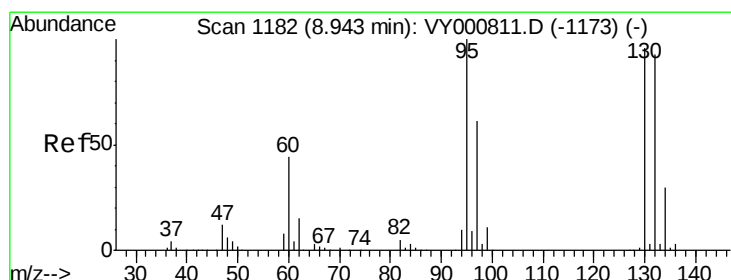
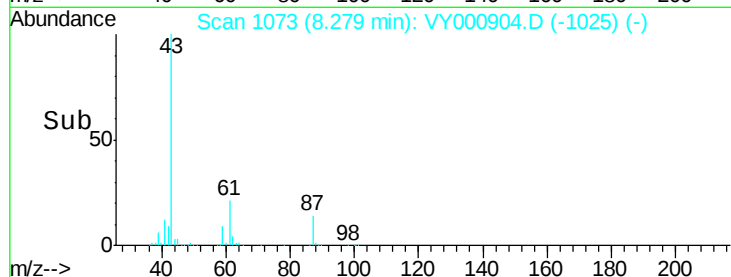
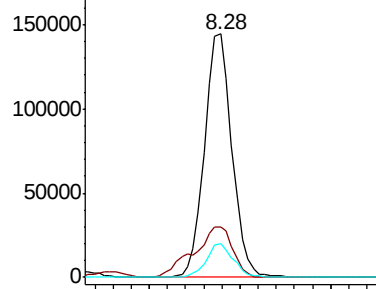
Tot Ion	Ratio	Lower	Upper
43	100		
61	29.5	23.7	35.5
87	13.5	10.6	15.8

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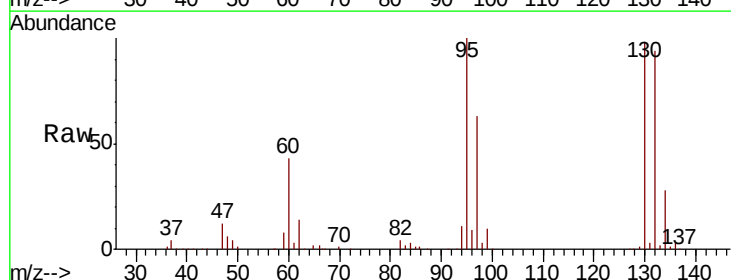


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

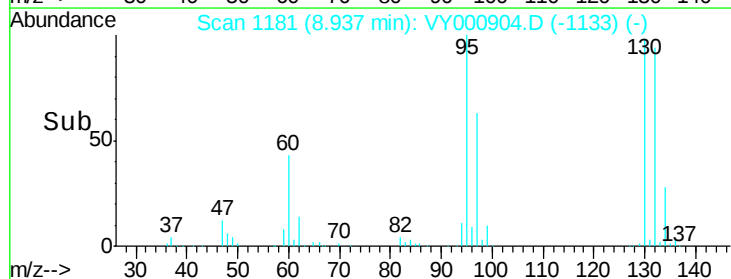
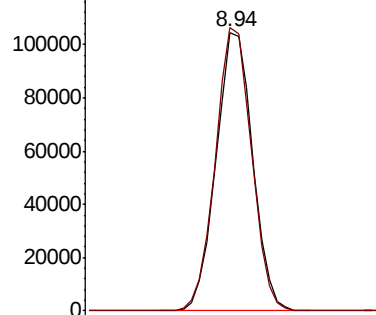


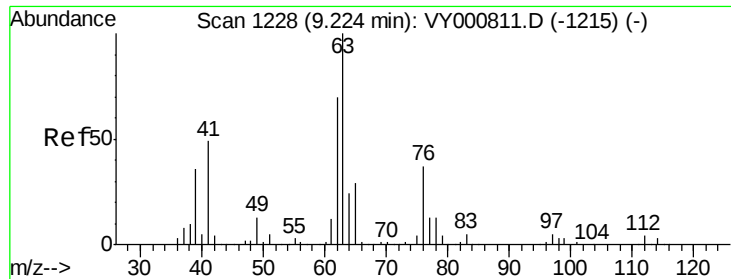
#44
Trichloroethene
Concen: 52.833 ug/l
RT: 8.94 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	207.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 54.479 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 206181

Ion Ratio Lower Upper

63 100

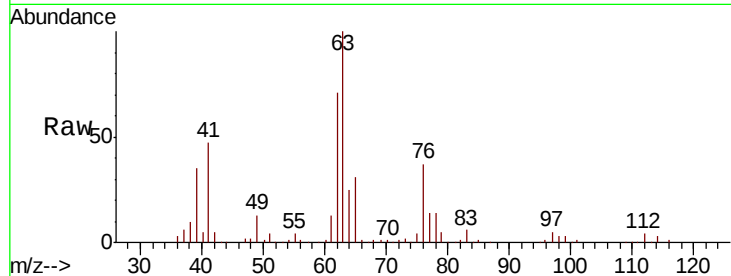
65 30.8 23.2 34.8

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

120000

100000

80000

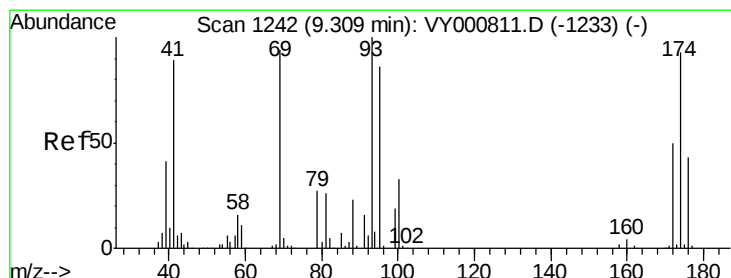
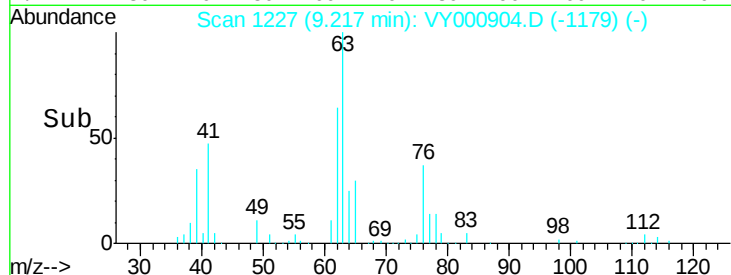
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 53.709 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

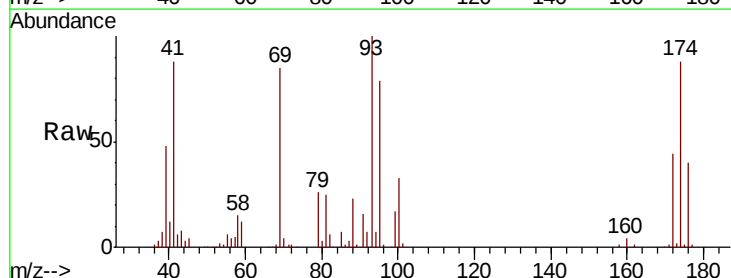
Tgt Ion: 93 Resp: 106205

Ion Ratio Lower Upper

93 100

95 85.9 66.4 99.6

174 92.8 73.0 109.6



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0

9.30

80000

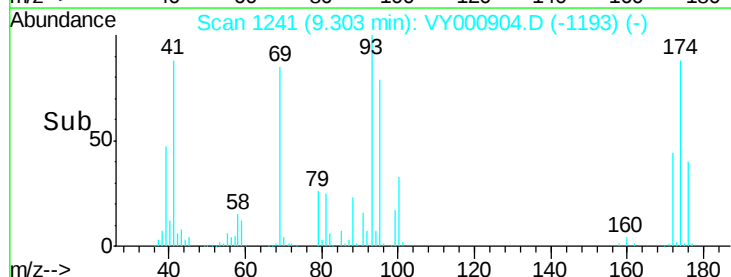
60000

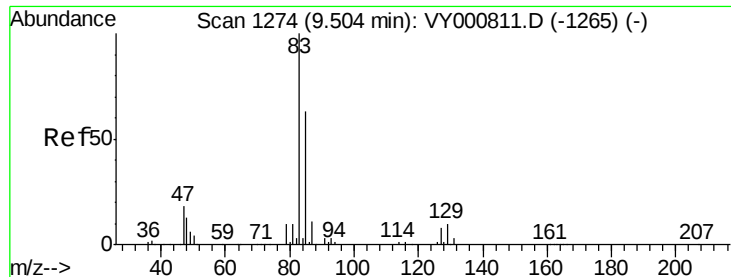
40000

20000

0

Time-->





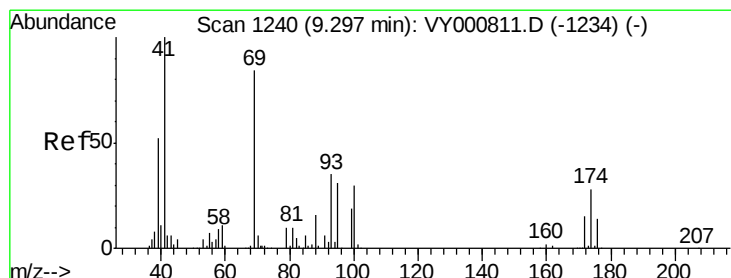
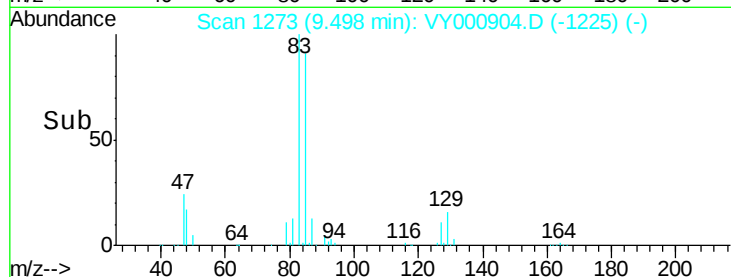
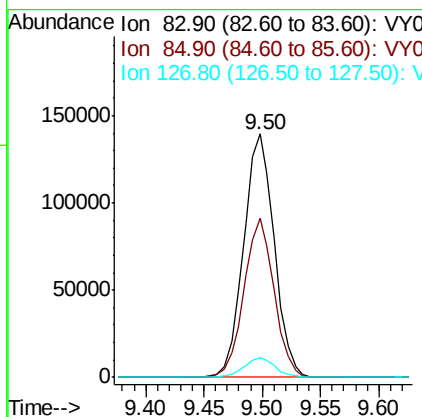
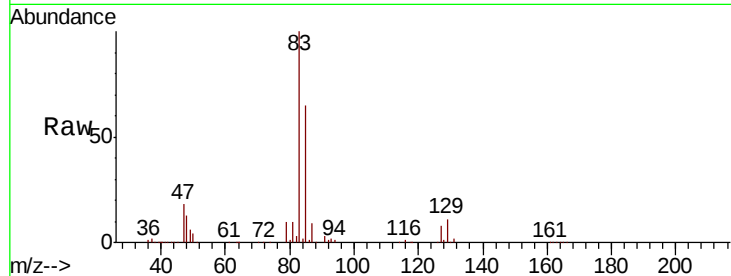
#47
Bromodichloromethane
Concen: 54.842 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	254757		
85	65.3		50.8	76.2
127	8.1		6.6	10.0

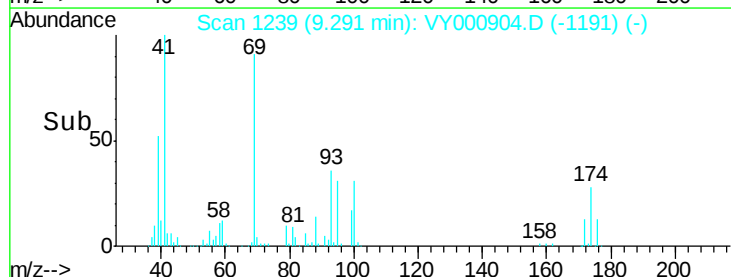
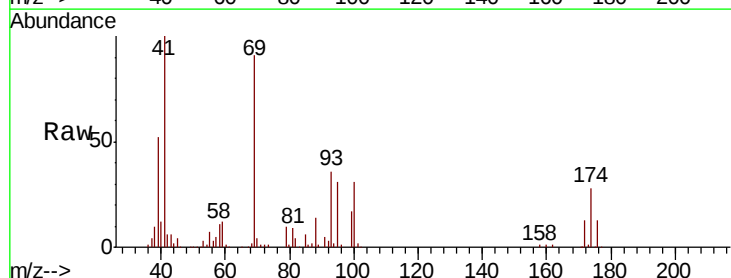
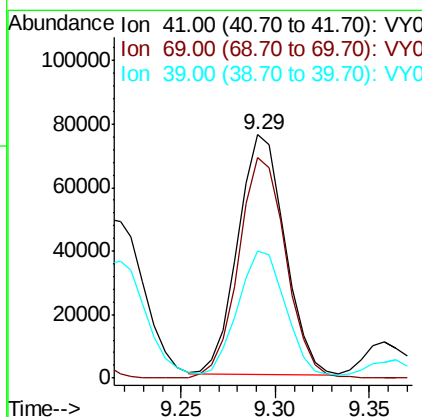
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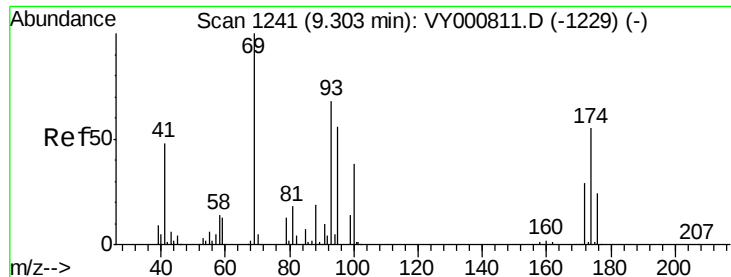
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#48
Methyl methacrylate
Concen: 52.779 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	130631		
69	93.2		70.4	105.6
39	54.9		40.9	61.3





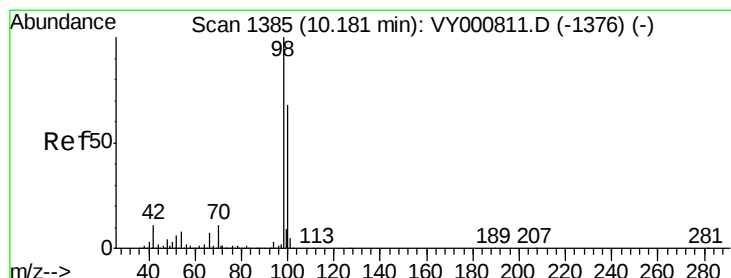
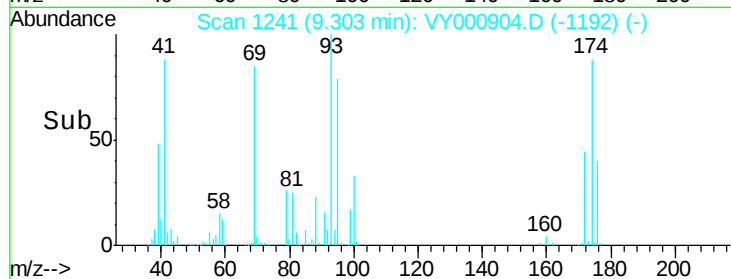
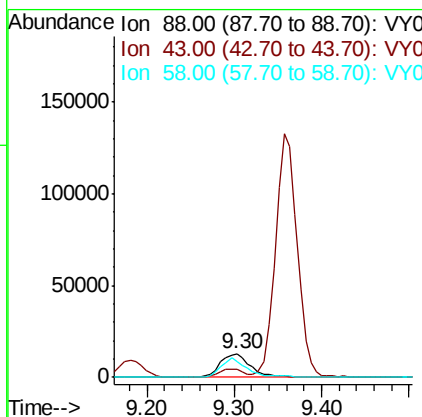
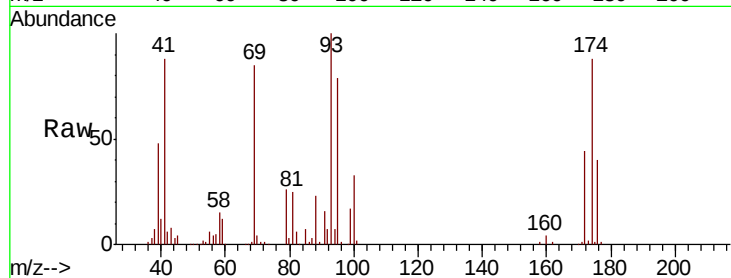
#49
1,4-Dioxane
Concen: 1108.269 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	21.1	31.7#
58	67.6	50.7	76.1

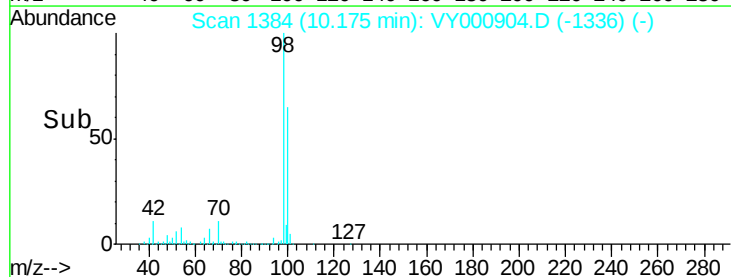
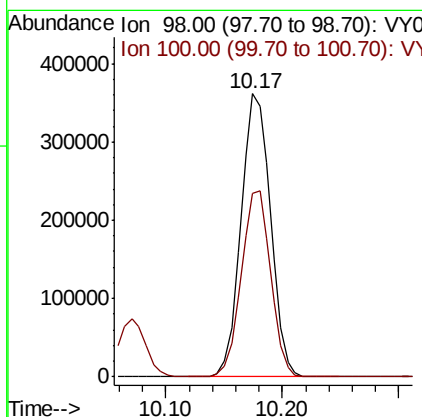
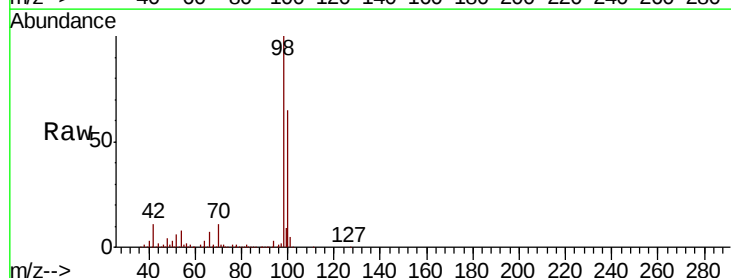
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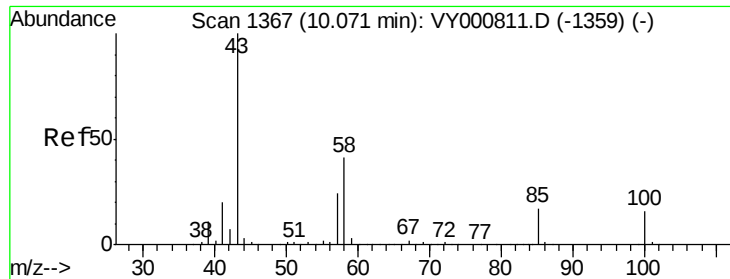
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#50
Toluene-d8
Concen: 52.794 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 272.421 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 792230

Ion Ratio Lower Upper

43 100

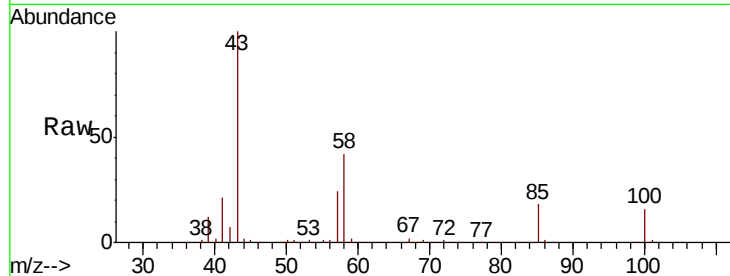
58 40.8 33.1 49.7

Manual Integrations

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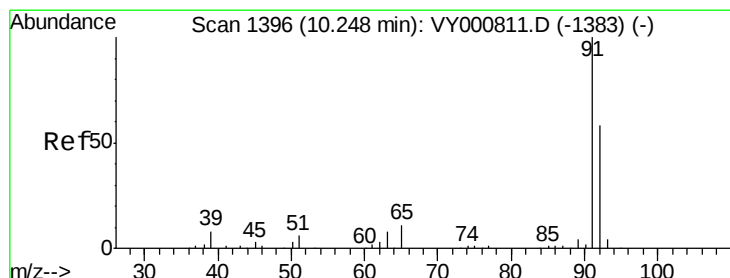
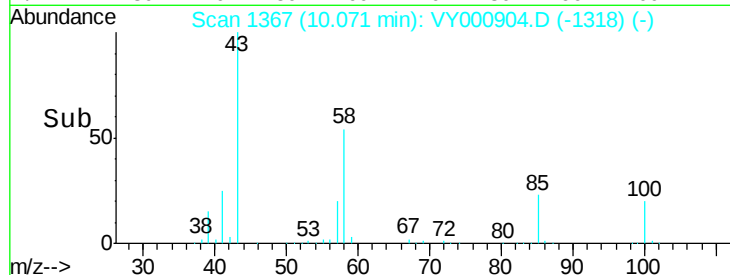
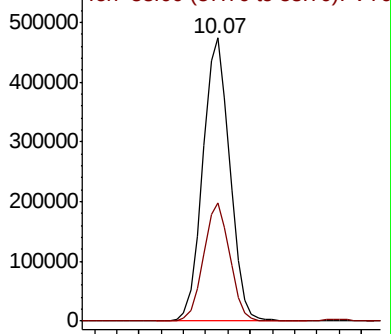
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 53.905 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000904.D

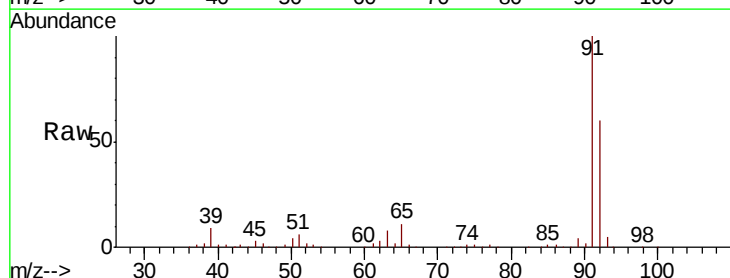
Acq: 06 Dec 2019 16:43

Tgt Ion: 92 Resp: 502872

Ion Ratio Lower Upper

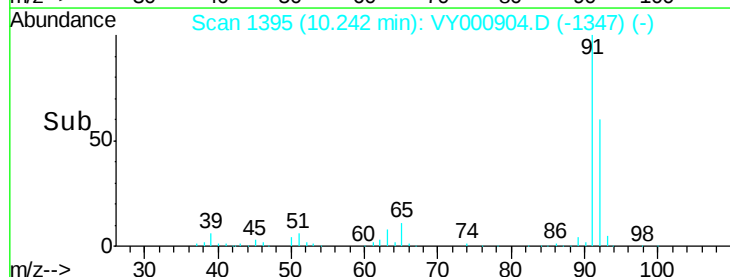
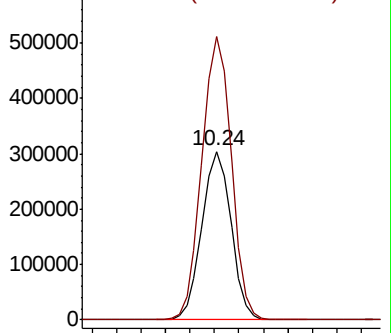
92 100

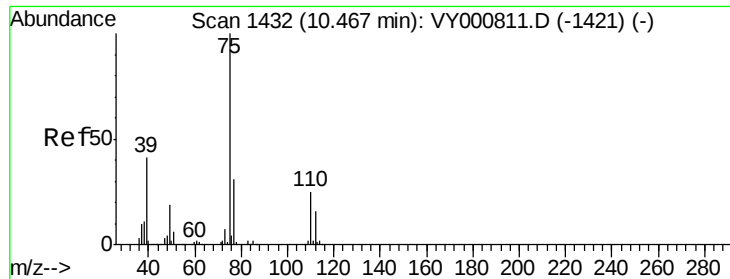
91 169.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





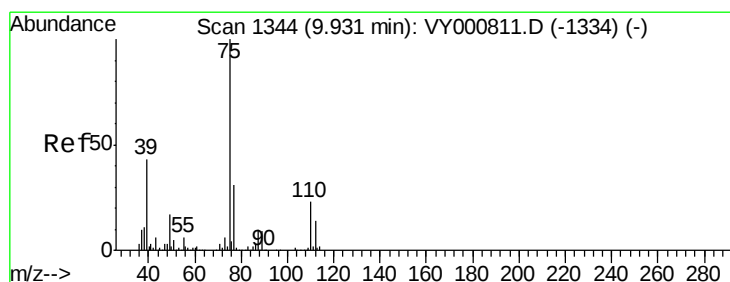
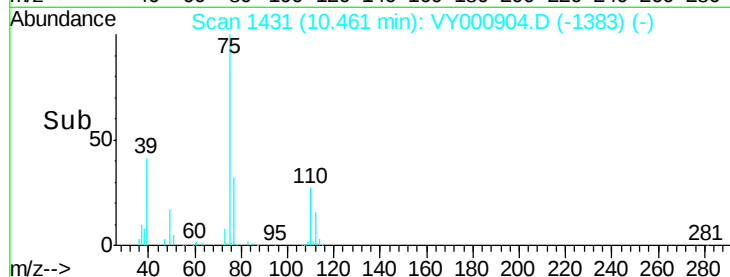
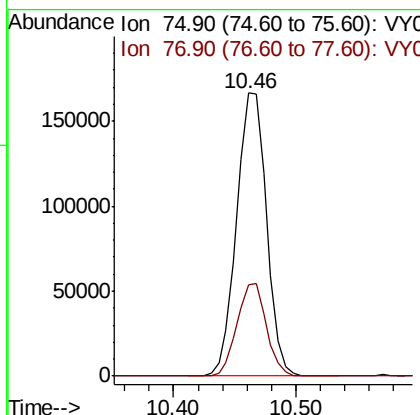
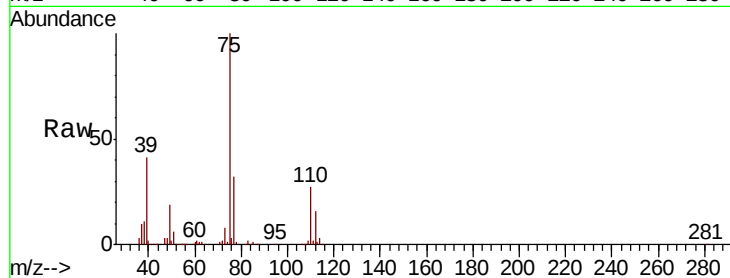
#53
 t-1,3-Dichloropropene
 Concen: 56.457 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.1	37.7

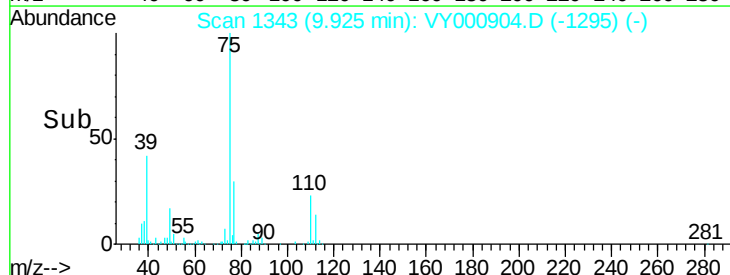
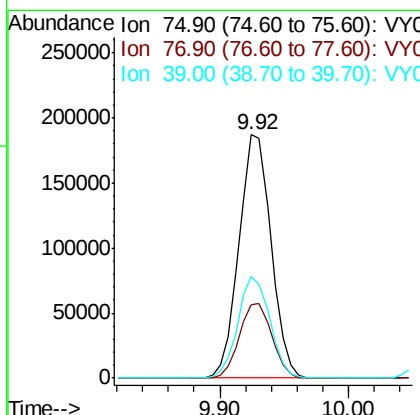
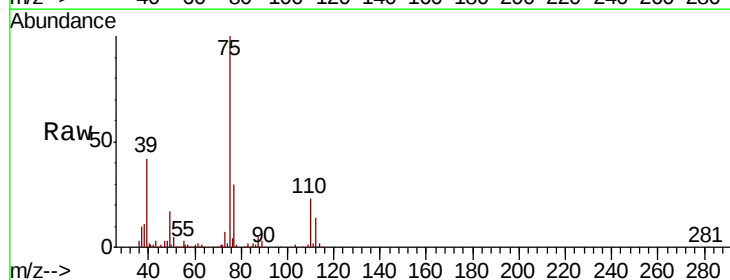
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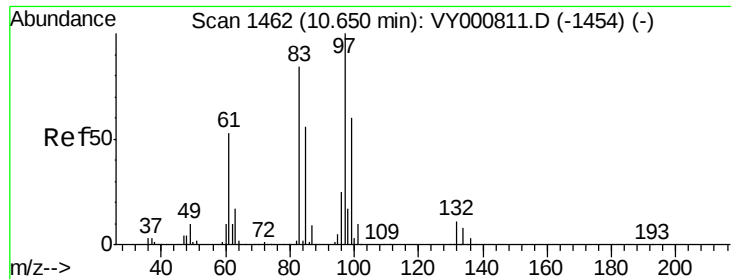
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#54
 cis-1,3-Dichloropropene
 Concen: 54.597 ug/l
 RT: 9.92 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.7	37.1
39	41.6	34.5	51.7





#55

1,1,2-Trichloroethane

Concen: 55.404 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

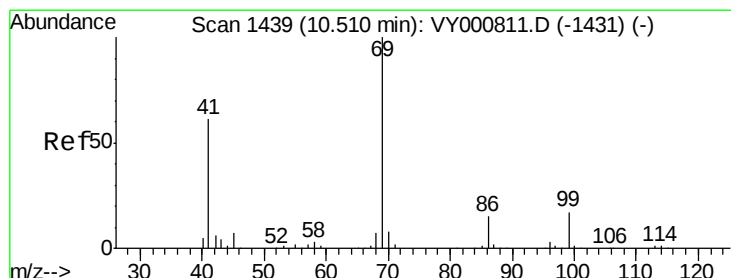
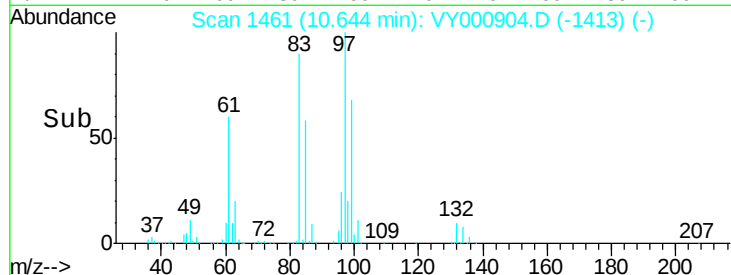
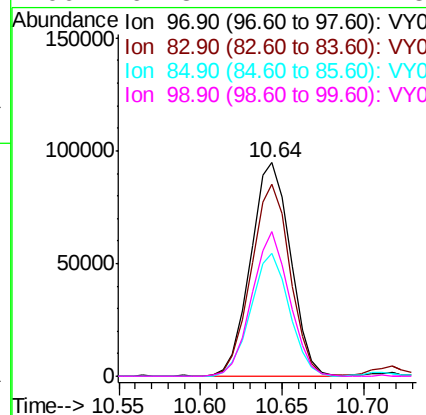
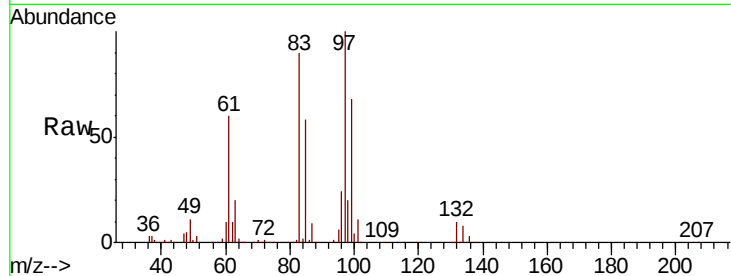
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	161864
Ion	Ratio	Lower	Upper
97	100		
83	90.0	67.5	101.3
85	57.7	44.5	66.7
99	67.8	47.7	71.5

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#56

Ethyl methacrylate

Concen: 56.928 ug/l

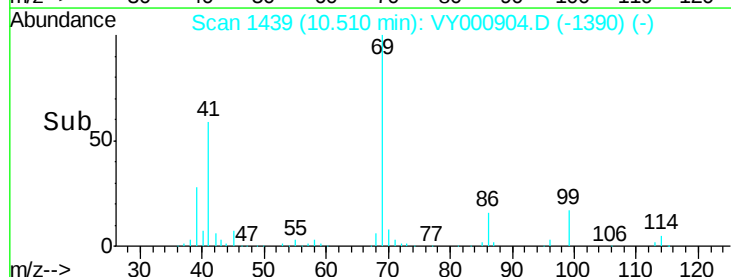
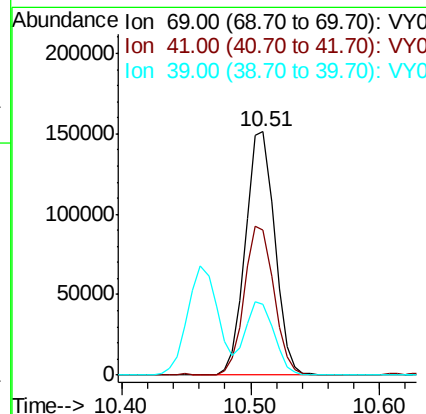
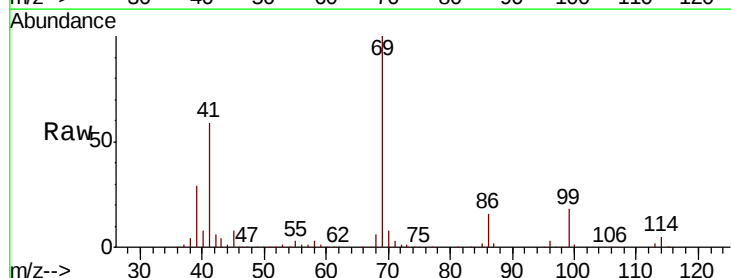
RT: 10.51 min Scan# 1439

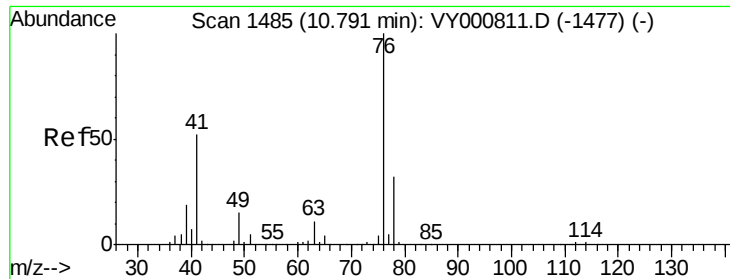
Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Tgt Ion:	69	Resp:	237919
Ion	Ratio	Lower	Upper
69	100		
41	61.1	49.0	73.6
39	29.6	23.1	34.7





#57

1,3-Dichloropropane

Concen: 55.487 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 282531

Ion Ratio Lower Upper

76 100

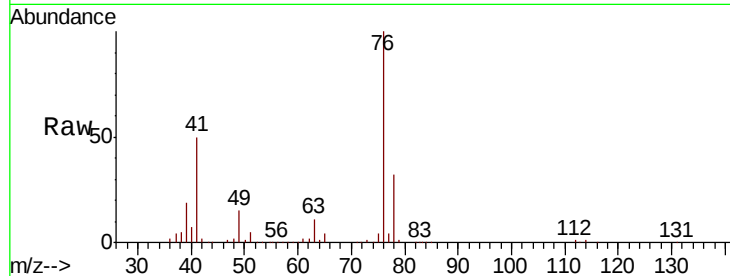
78 31.5 26.4 39.6

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

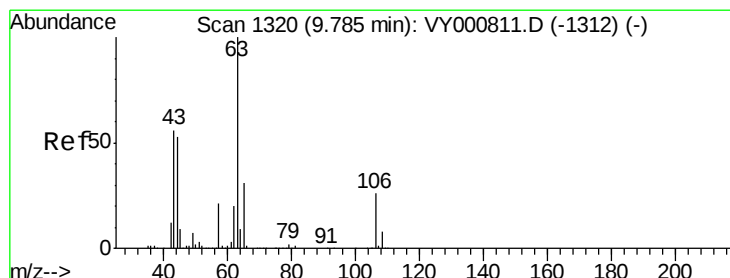
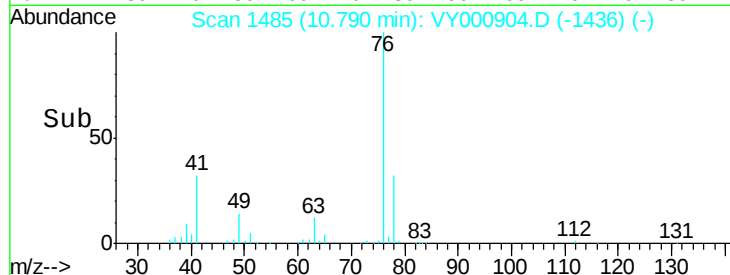
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 251.165 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000904.D

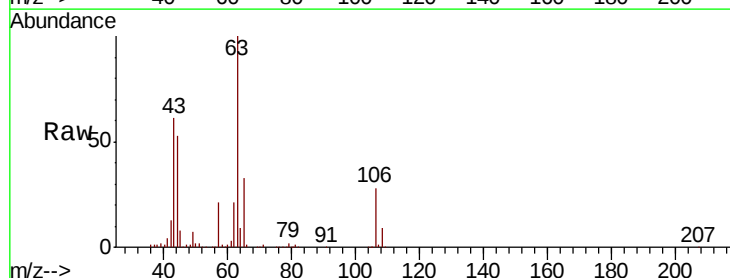
Acq: 06 Dec 2019 16:43

Tgt Ion: 63 Resp: 423250

Ion Ratio Lower Upper

63 100

106 26.4 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

250000

200000

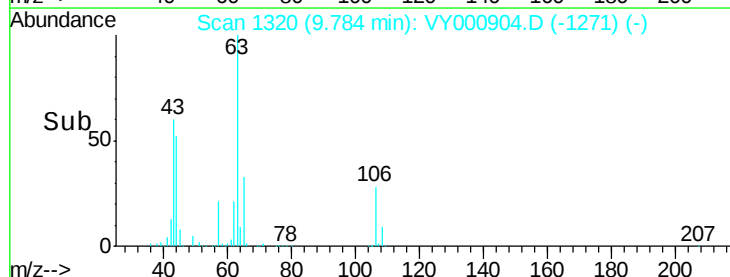
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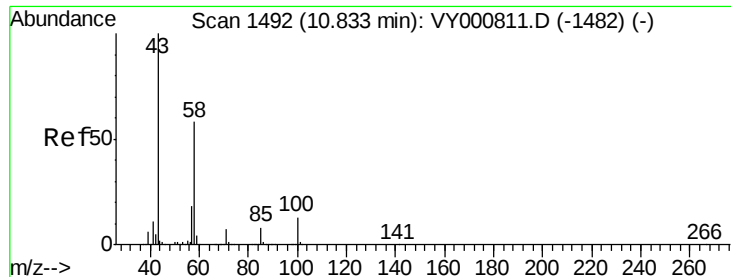
100000

50000

0

Time-->





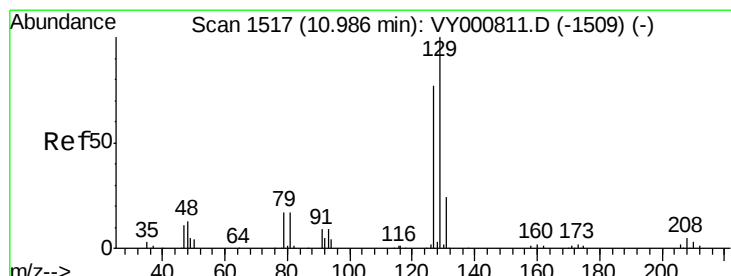
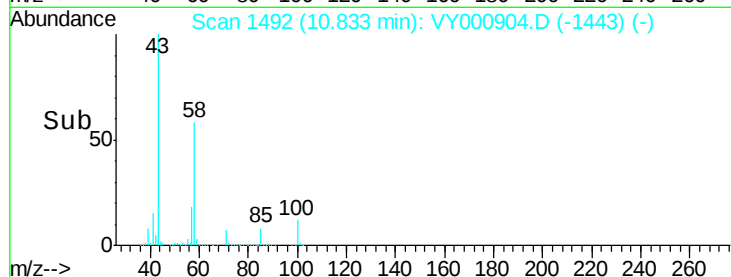
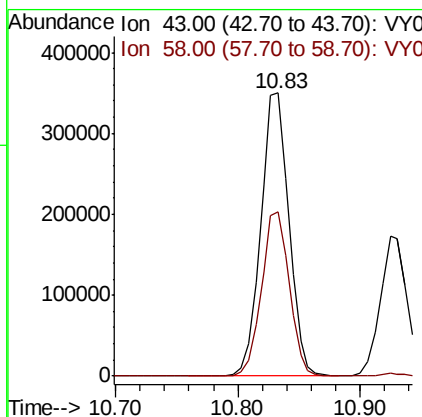
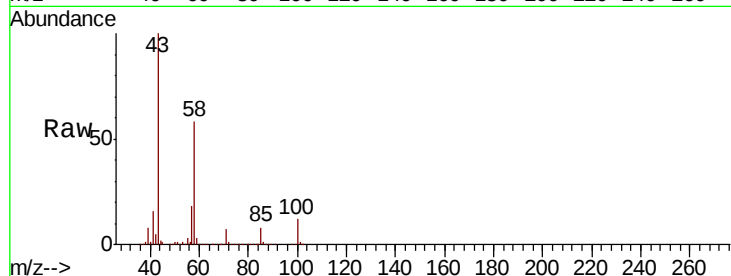
#59
2-Hexanone
Concen: 264.669 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 560852
Ion Ratio Lower Upper
43 100
58 57.7 29.0 87.1

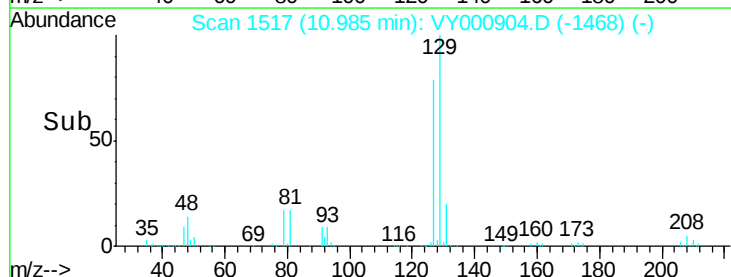
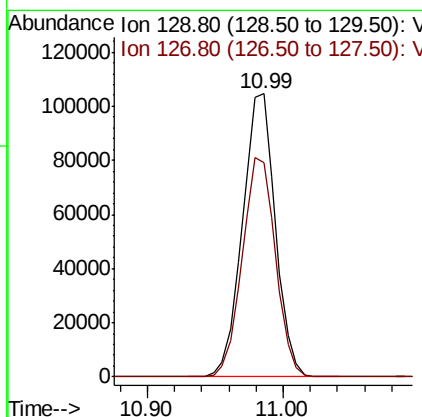
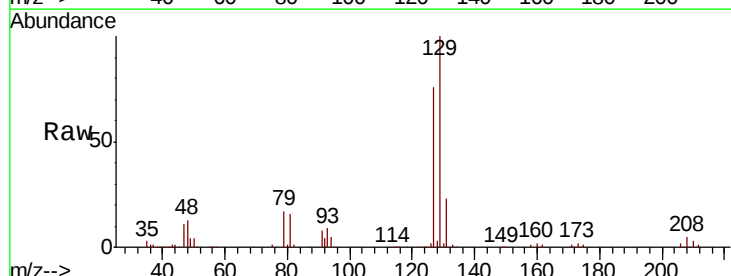
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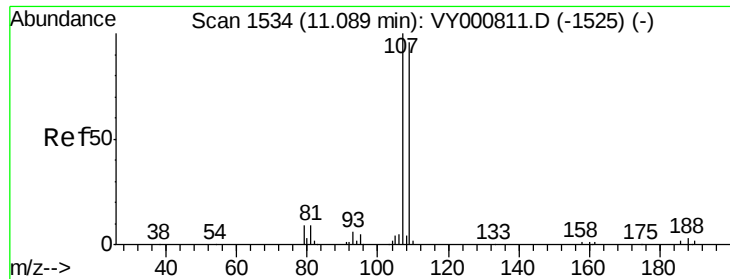
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#60
Dibromochloromethane
Concen: 56.287 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion: 129 Resp: 177023
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2





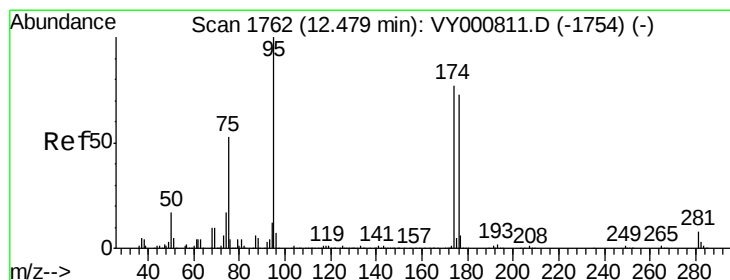
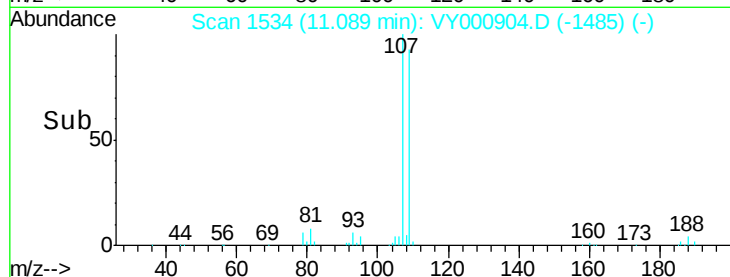
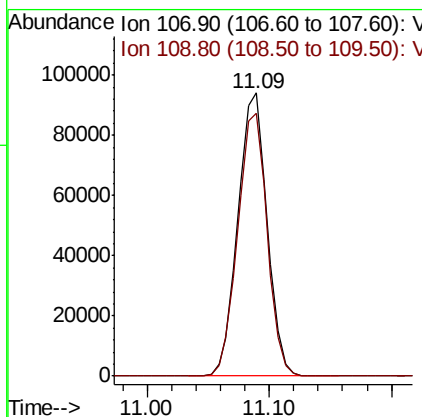
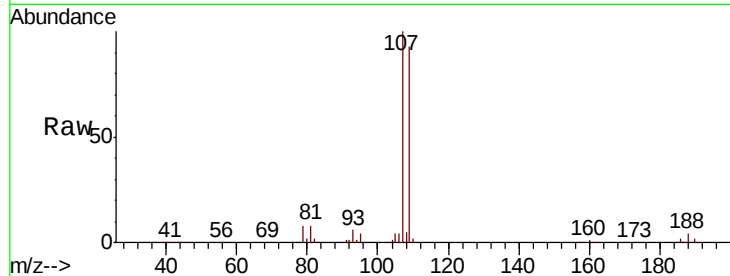
#61
 1,2-Dibromoethane
 Concen: 56.249 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.9	113.9

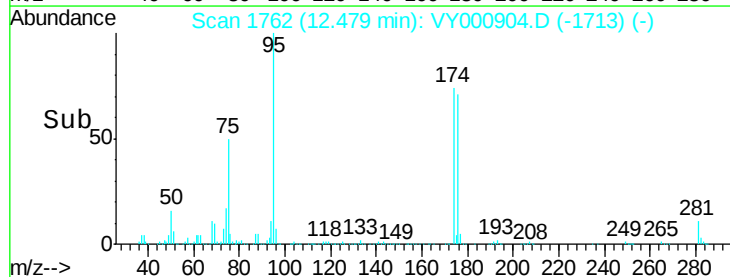
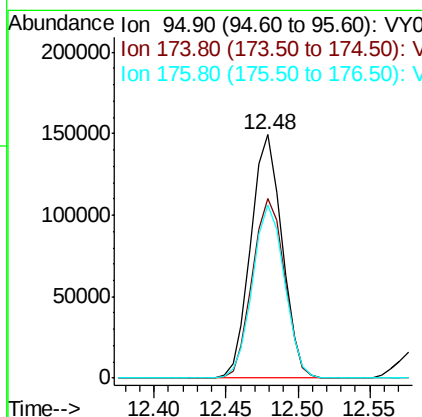
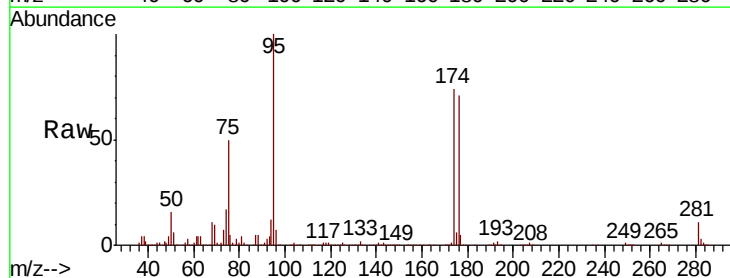
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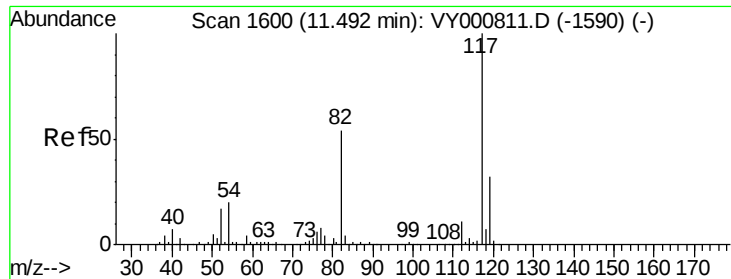
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.300 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	150.6
176	72.5	0.0	145.2





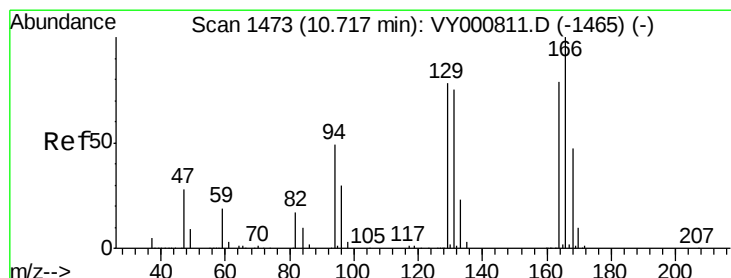
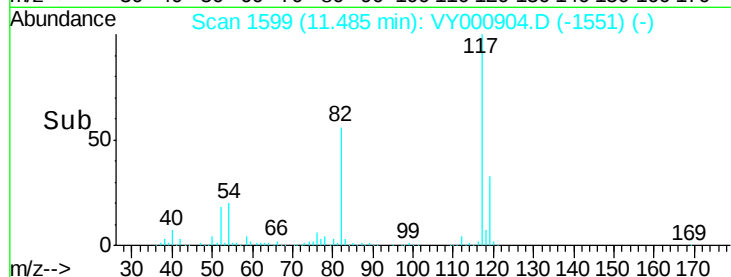
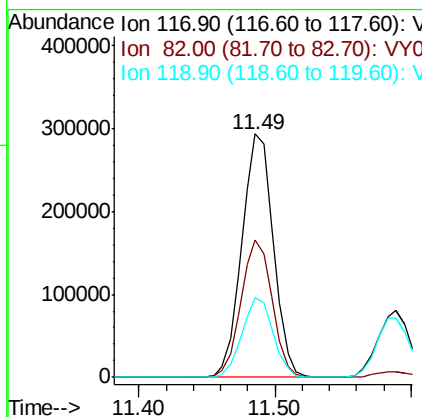
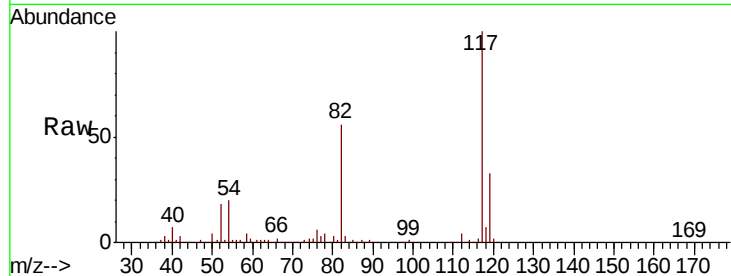
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.1	64.7
119	33.0	25.3	37.9

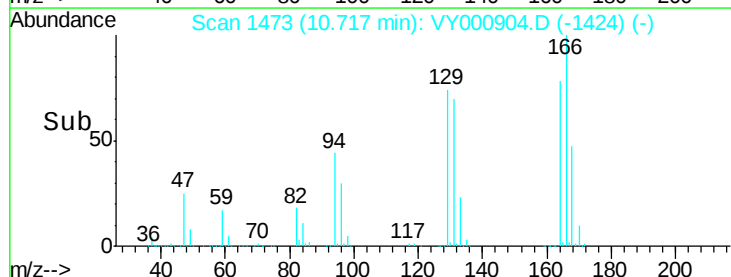
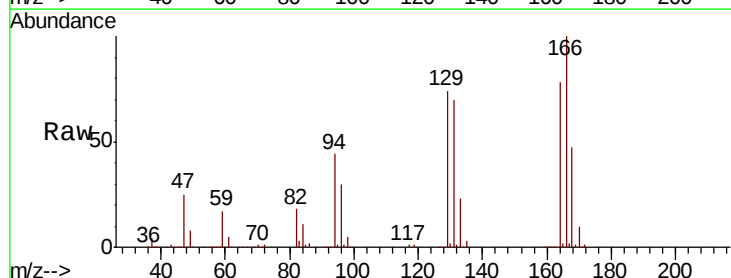
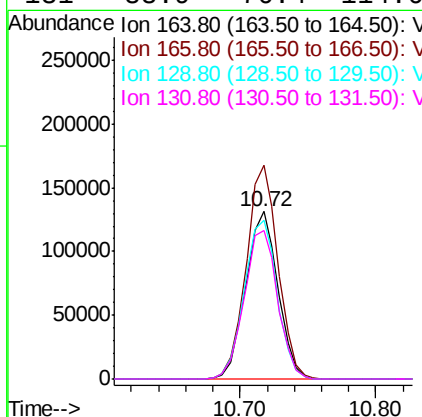
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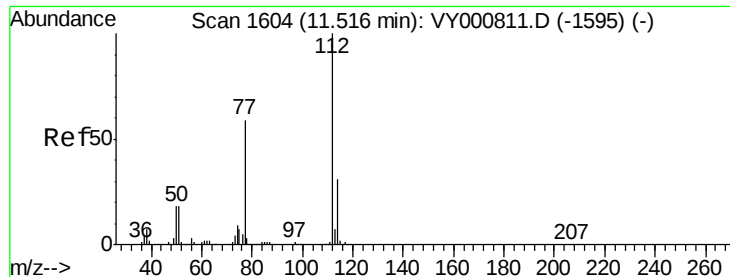
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#64
Tetrachloroethene
Concen: 52.768 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.8	152.8
129	95.0	79.3	118.9
131	88.9	76.4	114.6





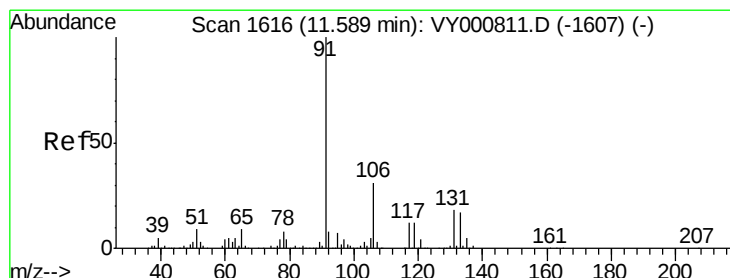
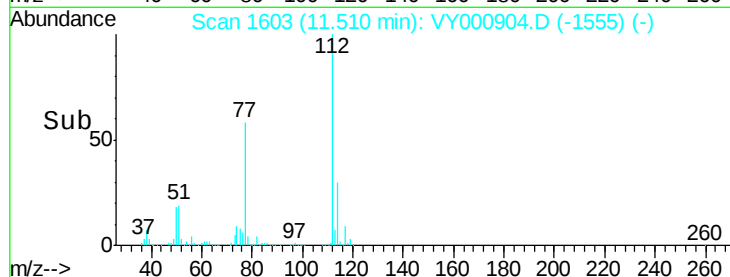
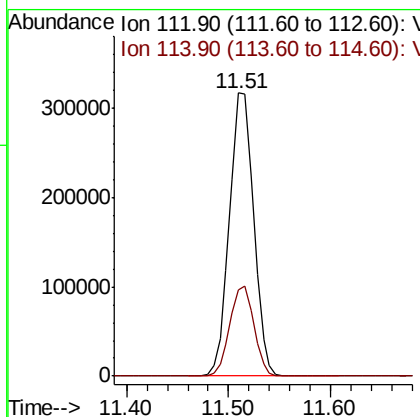
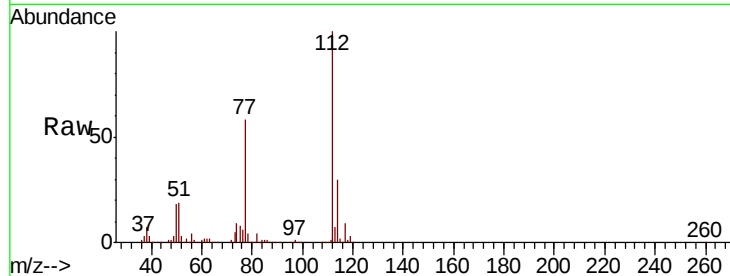
#65
Chlorobenzene
Concen: 52.683 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.4	25.1	37.7

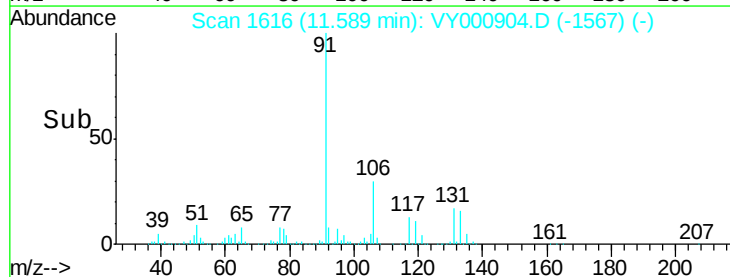
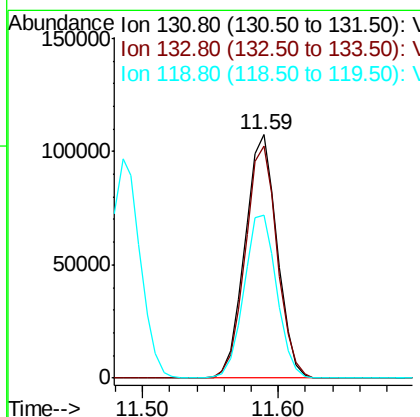
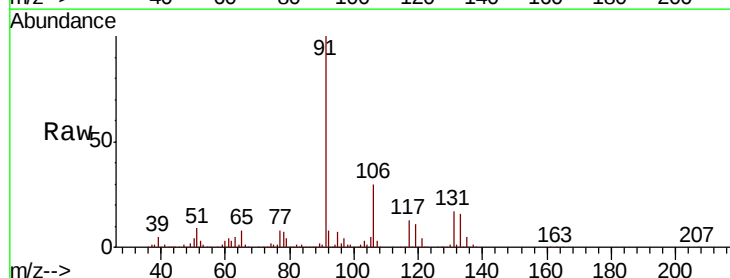
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.333 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.4	142.2
119	68.2	33.8	101.3





#67

Ethyl Benzene

Concen: 52.394 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 963223

Ion Ratio Lower Upper

91 100

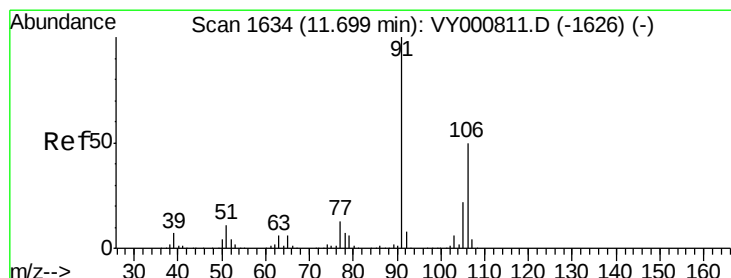
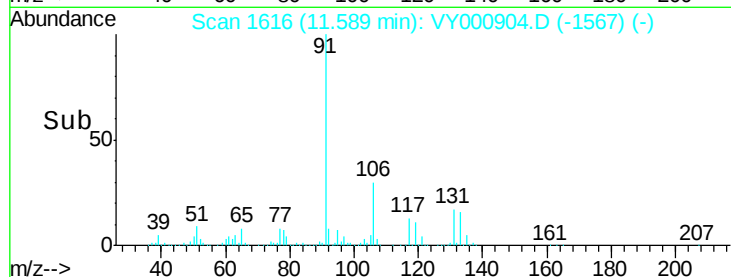
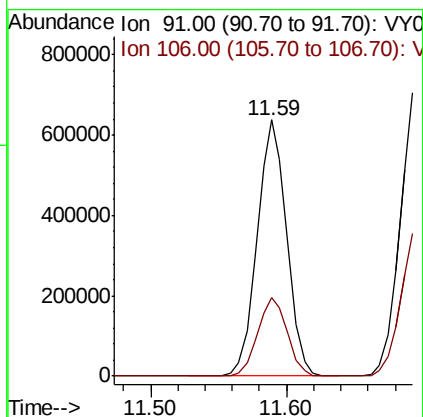
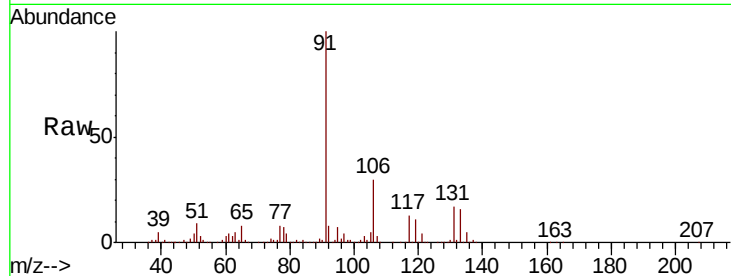
106 30.4 24.4 36.6

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#68

m/p-Xylenes

Concen: 103.497 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000904.D

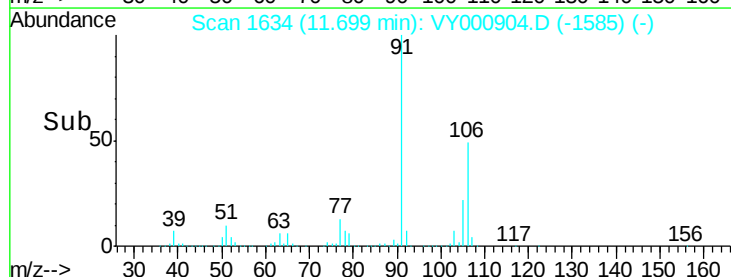
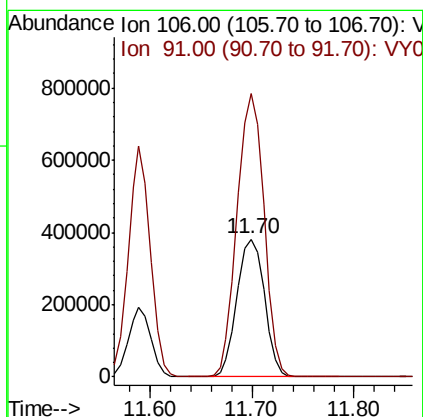
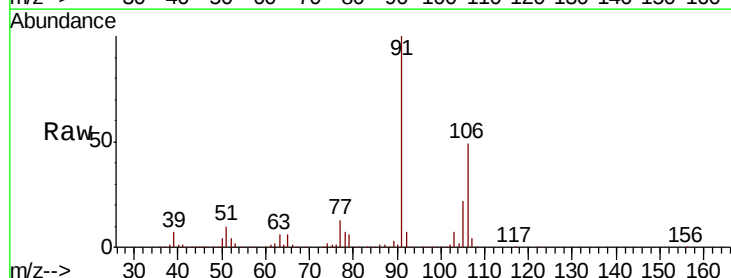
Acq: 06 Dec 2019 16:43

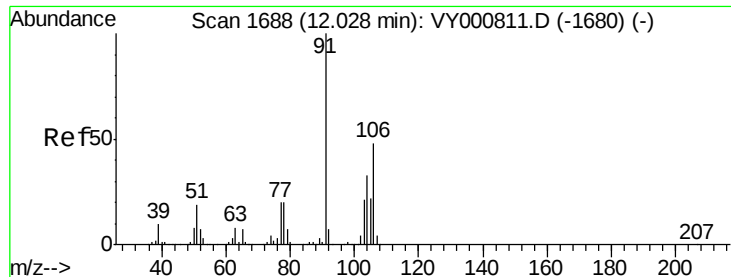
Tgt Ion: 106 Resp: 714175

Ion Ratio Lower Upper

106 100

91 201.6 159.6 239.4





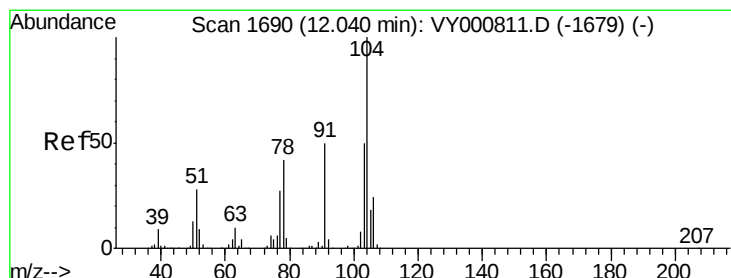
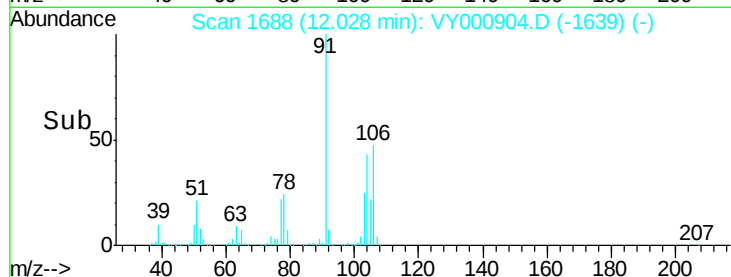
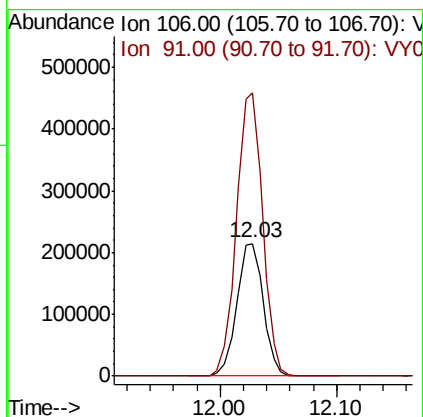
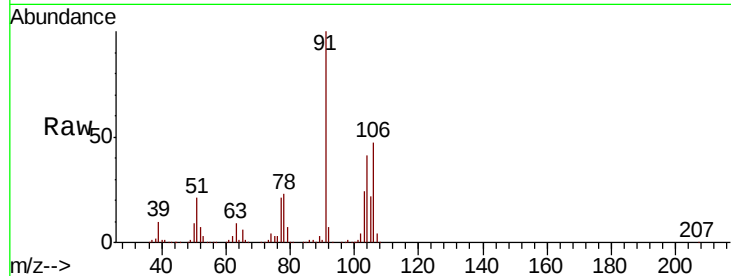
#69
o-Xylene
Concen: 52.639 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 338676
Ion Ratio Lower Upper
106 100
91 212.8 106.1 318.1

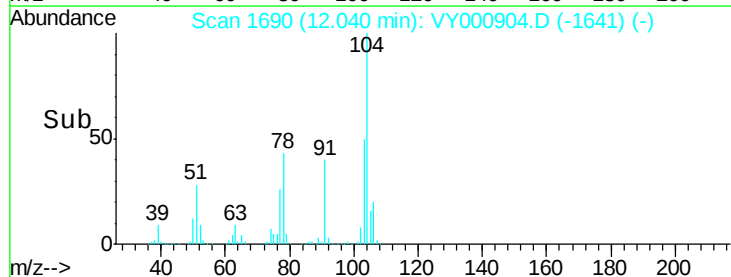
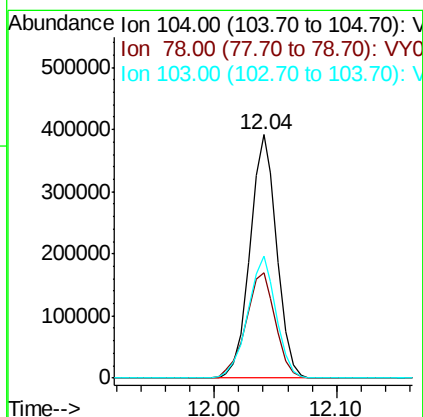
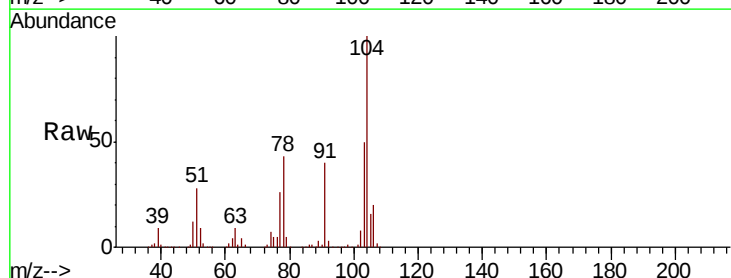
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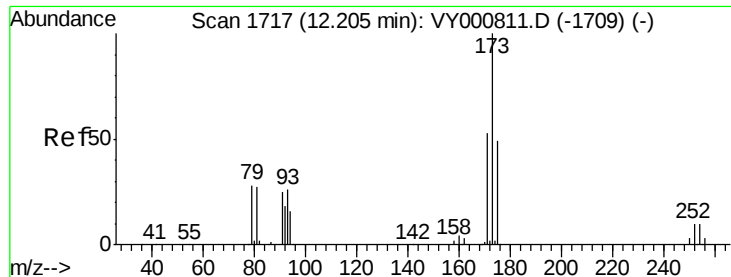
apatel
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#70
Styrene
Concen: 53.887 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion:104 Resp: 593667
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 53.2 43.4 65.0





#71

Bromoform

Concen: 54.918 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 103040

Ion Ratio Lower Upper

173 100

175 48.1 24.5 73.5

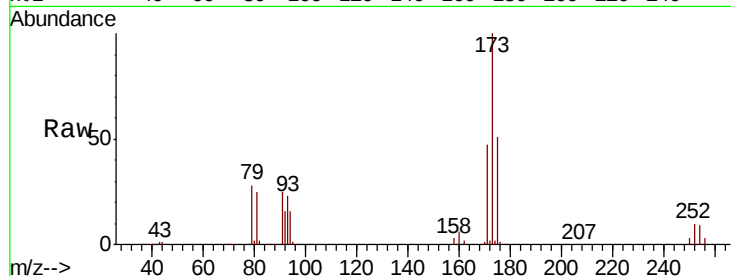
254 0.1 0.0 0.0#

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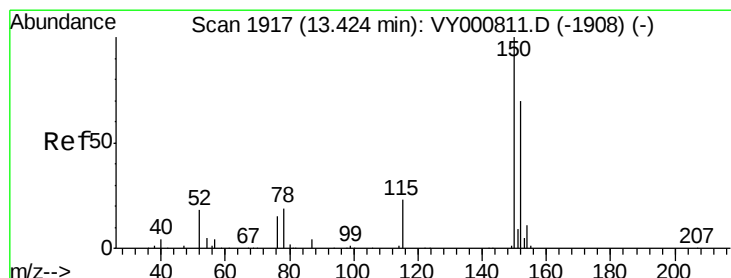
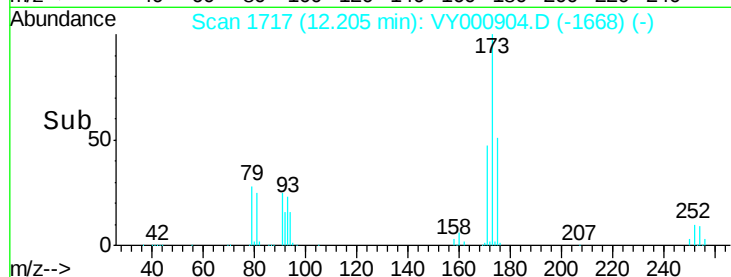
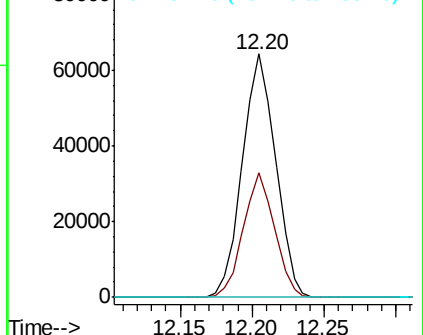
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

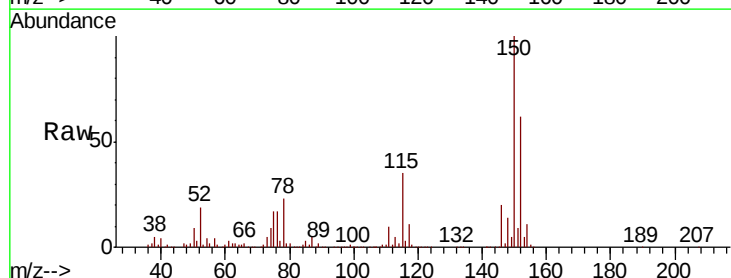
Tgt Ion:152 Resp: 222922

Ion Ratio Lower Upper

152 100

115 58.4 29.3 87.8

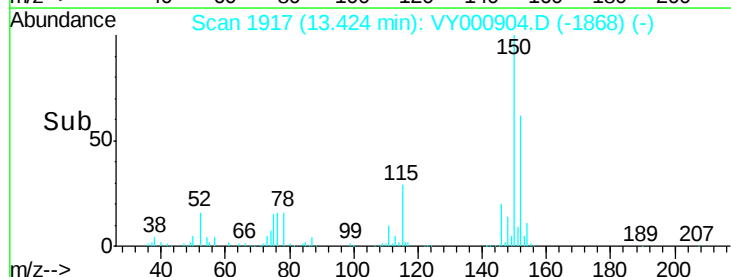
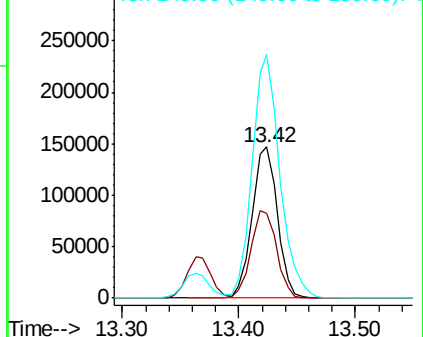
150 175.6 0.0 351.2

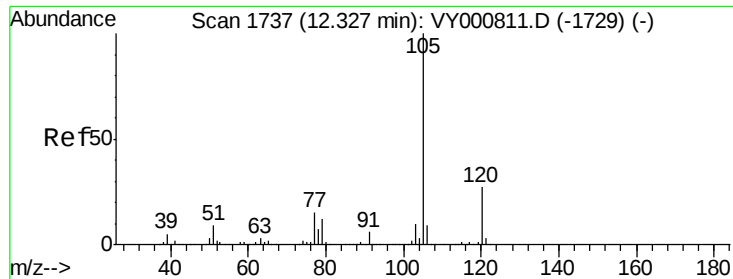


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.188 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 908570

Ion Ratio Lower Upper

105 100

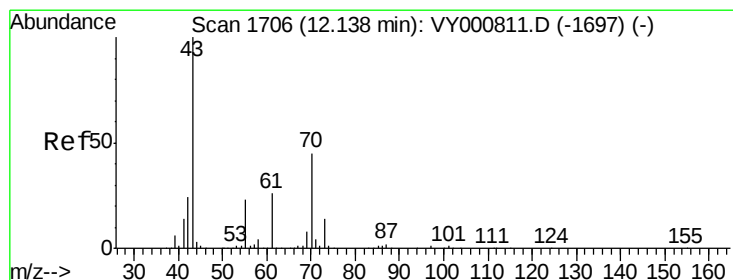
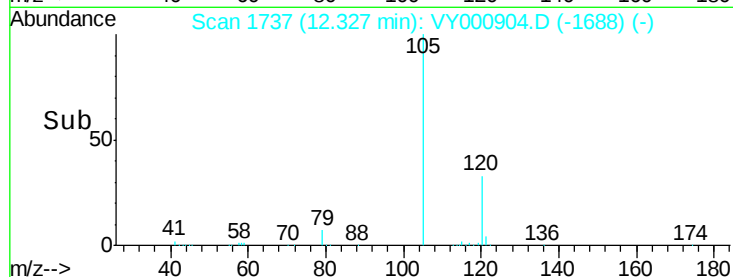
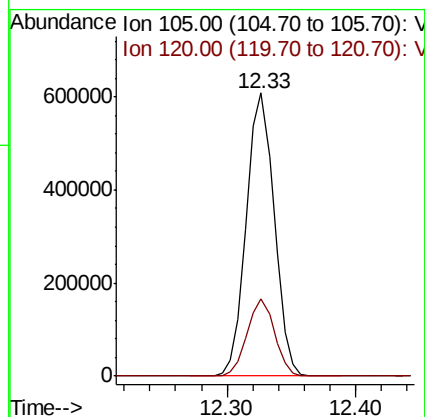
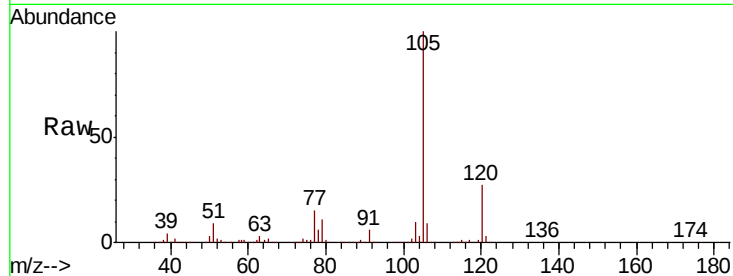
120 26.8 13.4 40.2

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#74

N-ethyl acetate

Concen: 53.576 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Tgt Ion: 43 Resp: 264684

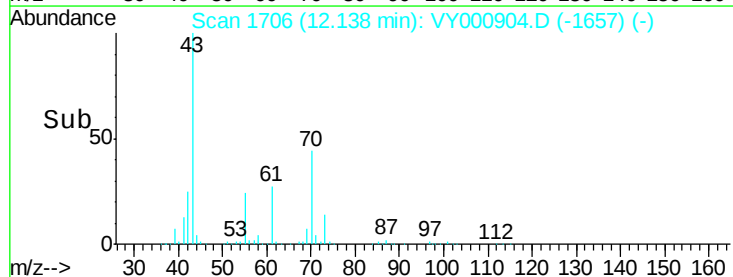
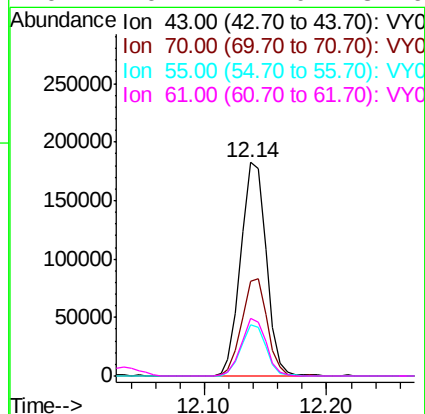
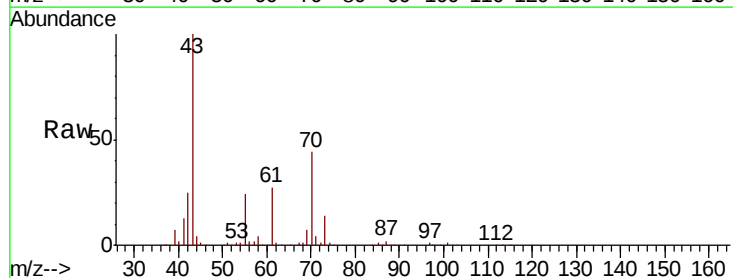
Ion Ratio Lower Upper

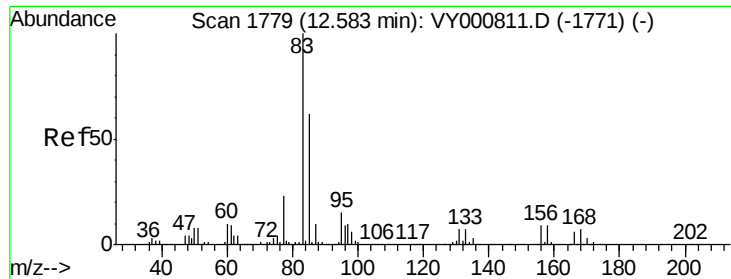
43 100

70 45.5 36.6 54.8

55 23.8 18.8 28.2

61 26.2 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.706 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

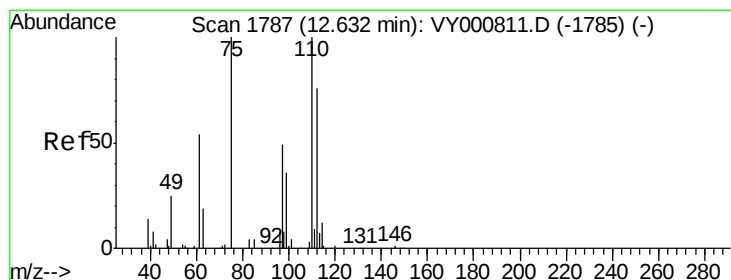
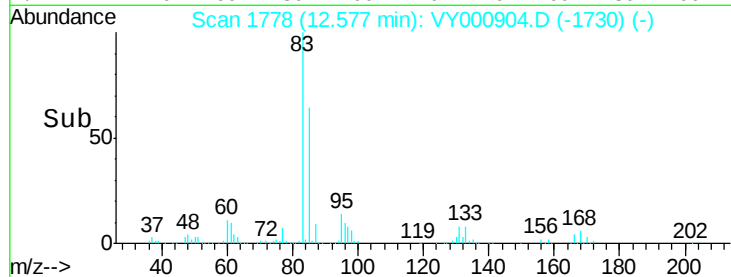
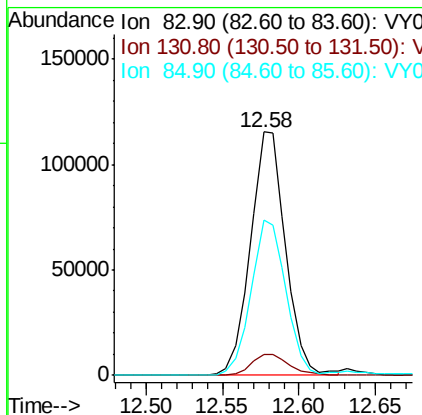
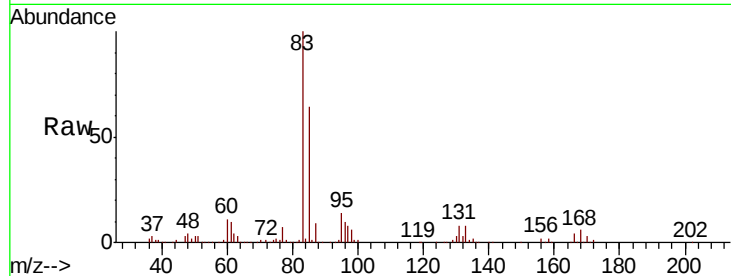
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	184331
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.3	13.1
85	63.4	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 51.573 ug/l m

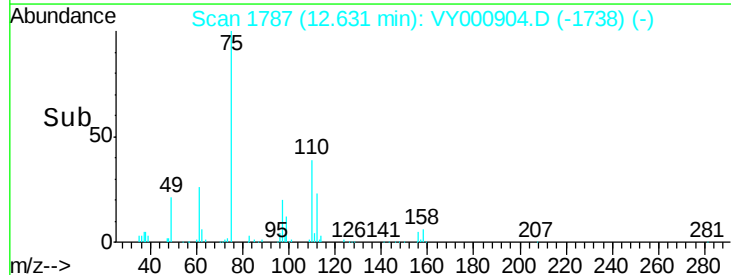
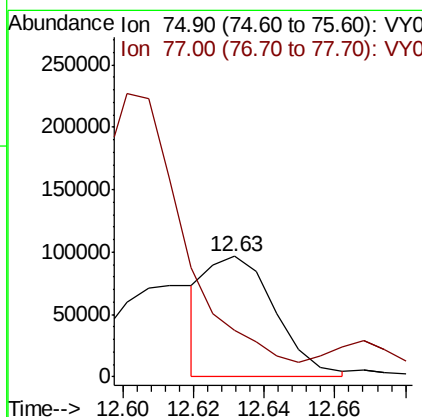
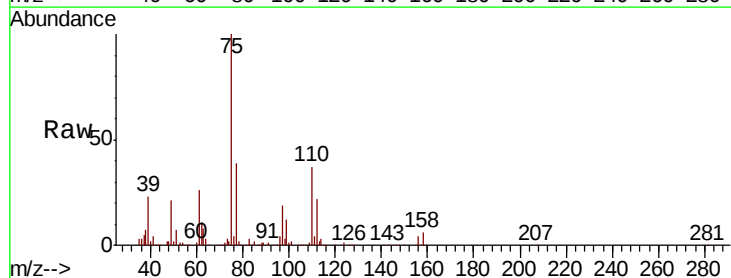
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Tgt Ion:	75	Resp:	130258
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





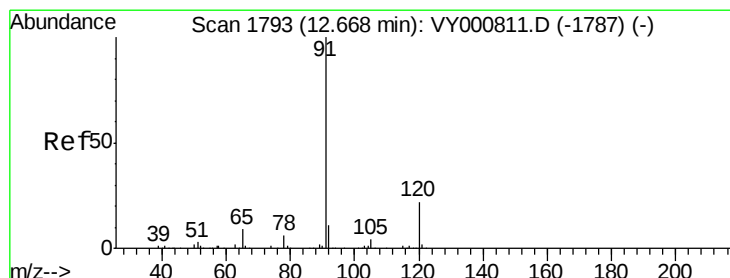
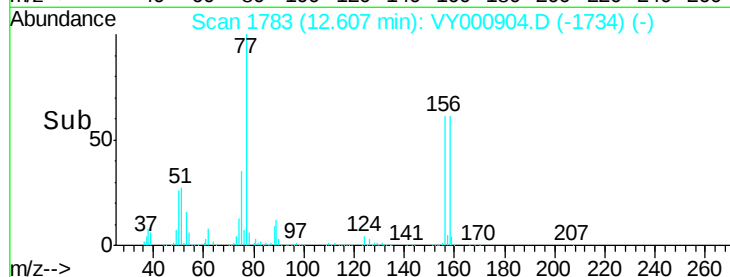
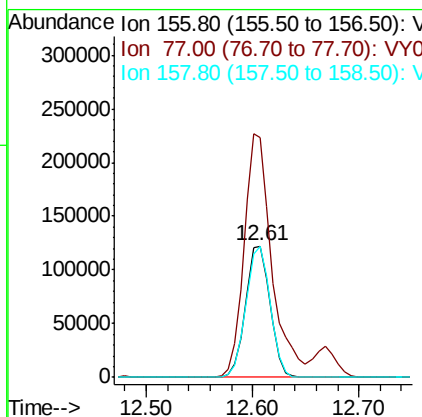
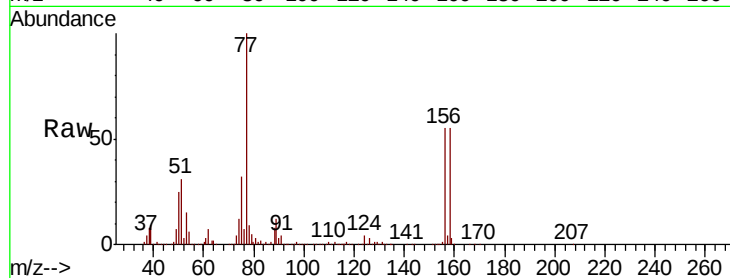
#77
Bromobenzene
Concen: 51.761 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	207.6	102.6	307.7
158	98.3	47.6	142.8

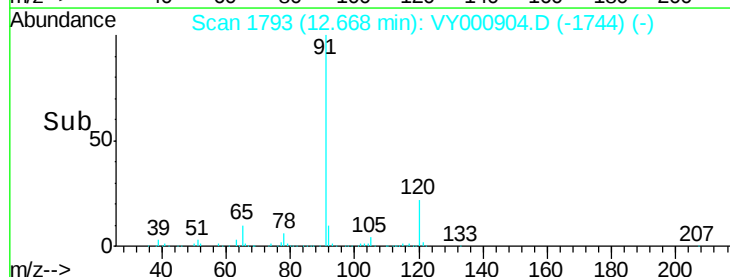
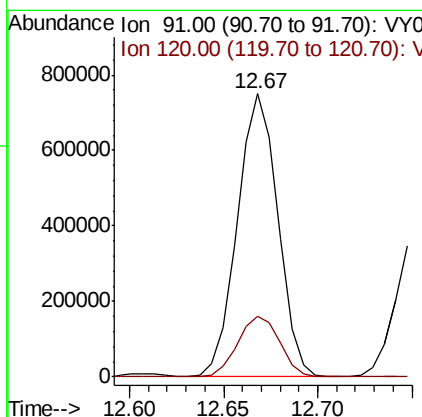
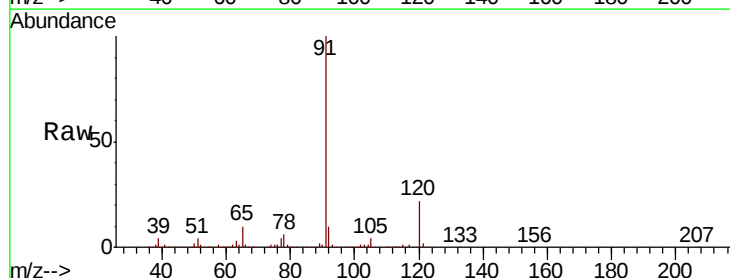
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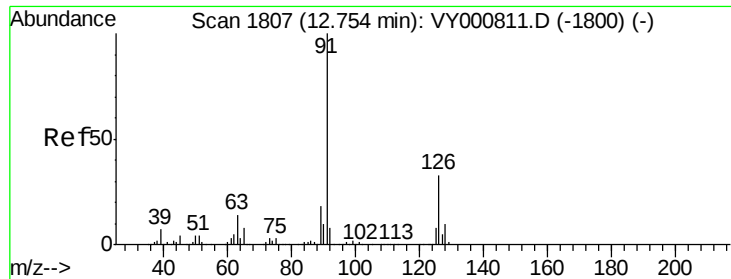
apatel
12/9/2019 11:24:19 AM



#78
n-propylbenzene
Concen: 51.482 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.5





#79

2-Chlorotoluene

Concen: 51.682 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 618790

Ion Ratio Lower Upper

91 100

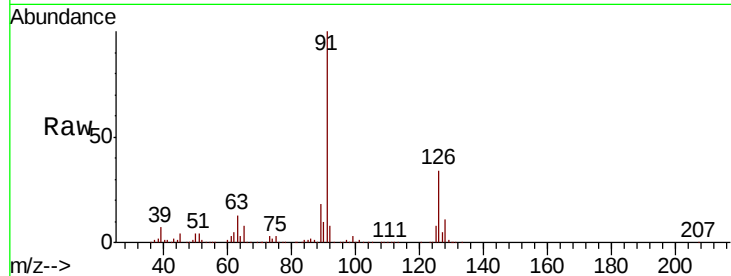
126 33.9 17.0 51.0

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Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

600000

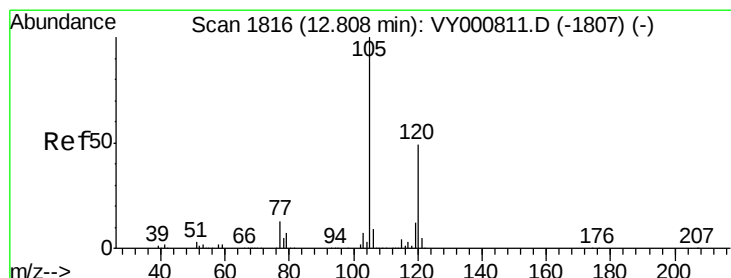
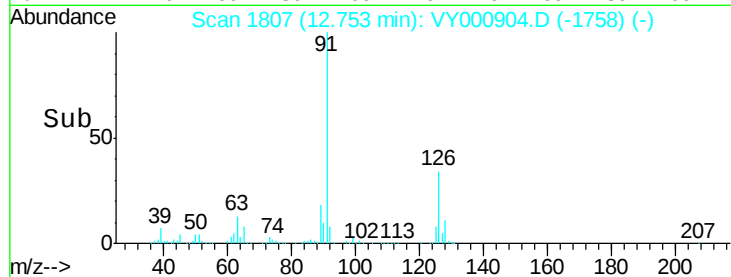
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.937 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000904.D

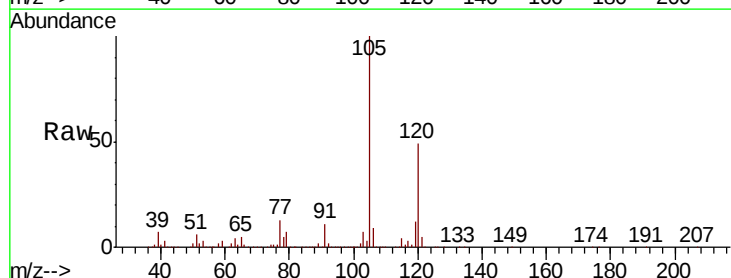
Acq: 06 Dec 2019 16:43

Tgt Ion: 105 Resp: 763280

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)

600000

500000

400000

300000

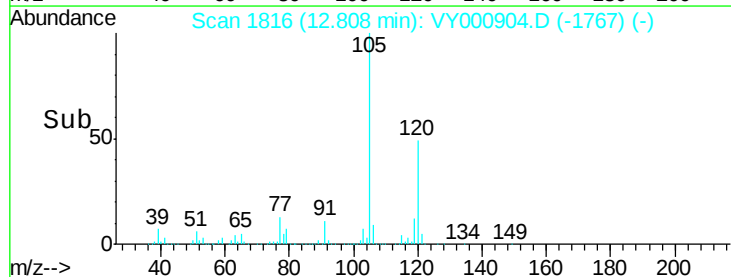
200000

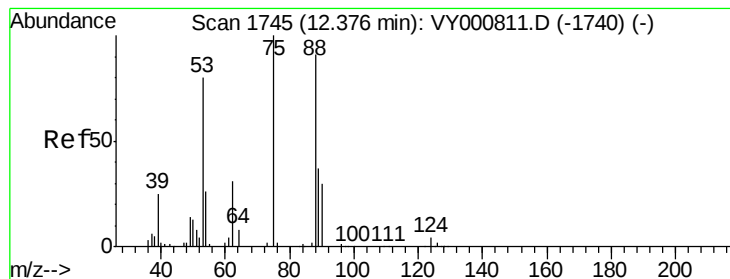
100000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 53.409 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

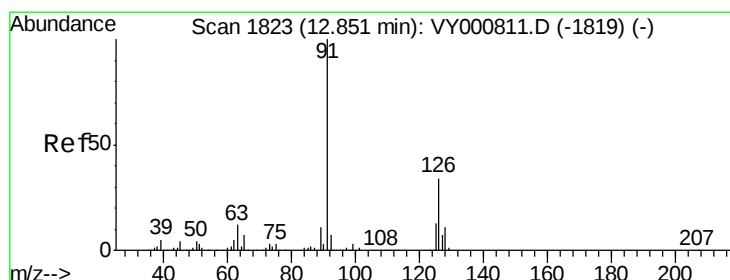
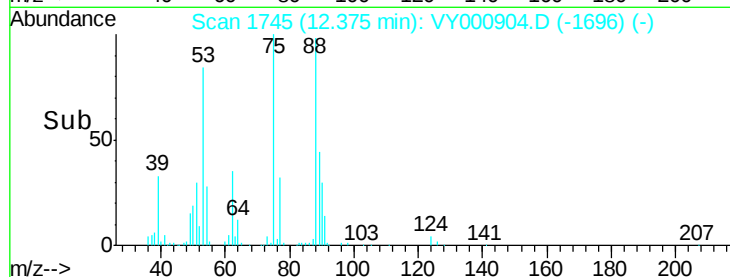
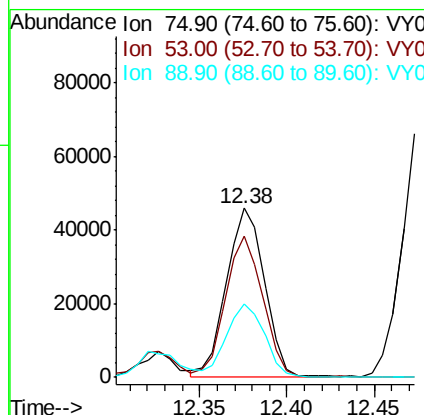
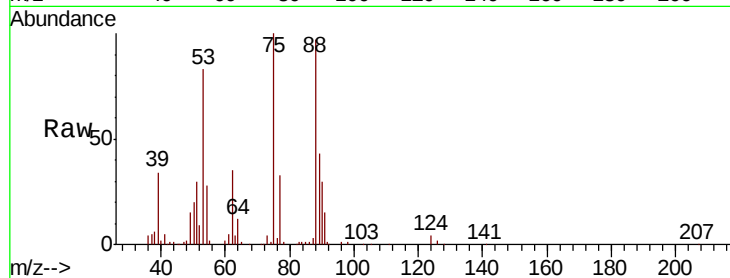
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	68674
Ion	Ratio	Lower	Upper
75	100		
53	82.5	64.6	96.8
89	43.7	33.6	50.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.419 ug/l

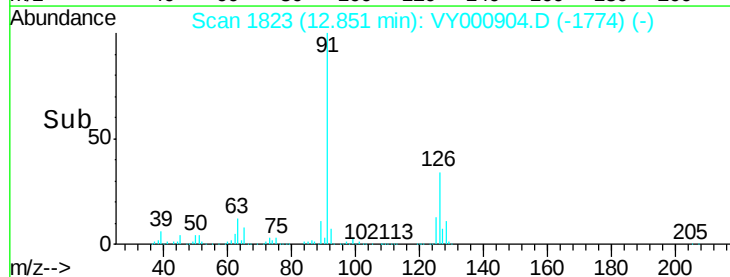
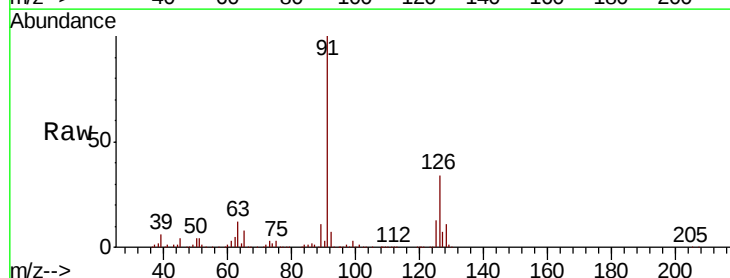
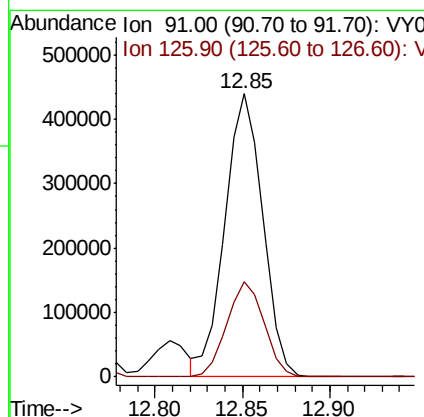
RT: 12.85 min Scan# 1823

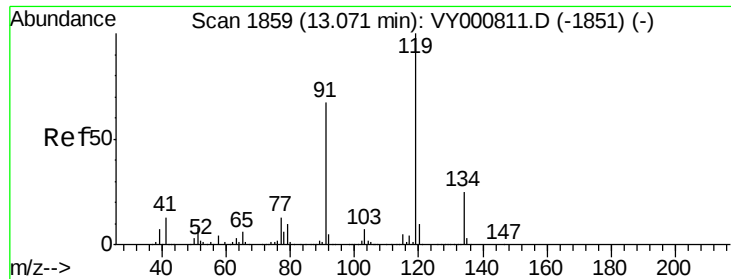
Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Tgt Ion:	91	Resp:	658936
Ion	Ratio	Lower	Upper
91	100		
126	33.2	17.3	51.9





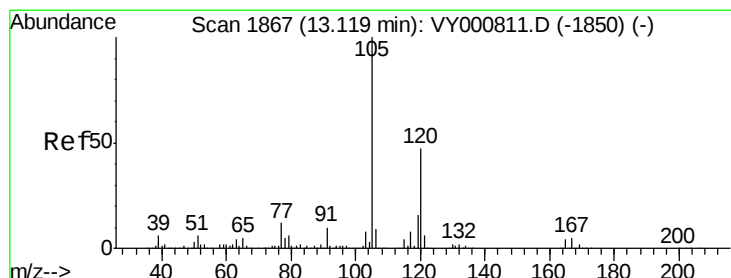
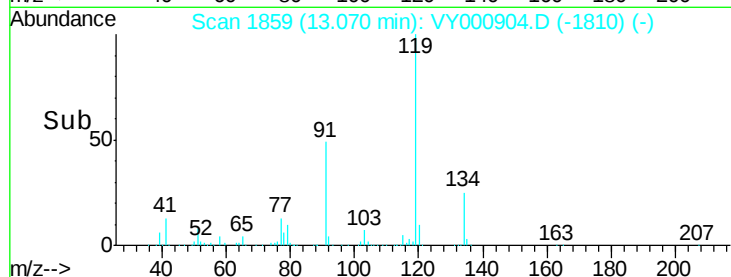
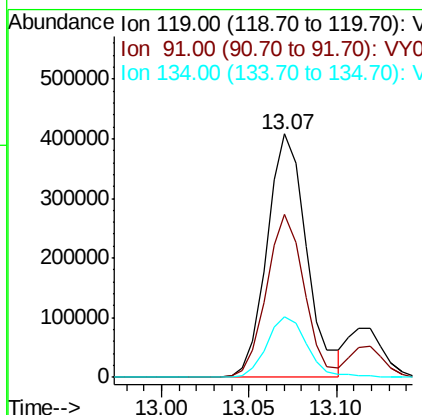
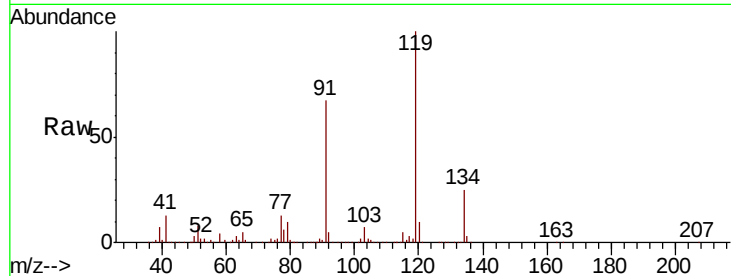
#83
 tert-Butylbenzene
 Concen: 52.076 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.3	96.8
134	25.7	12.9	38.7

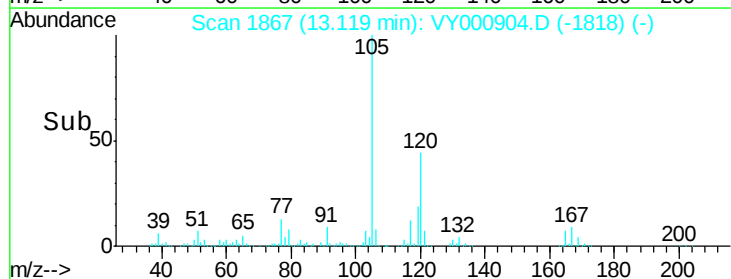
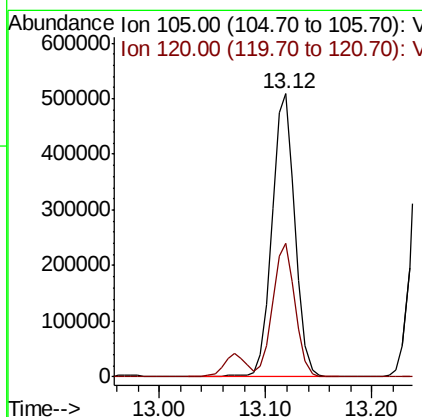
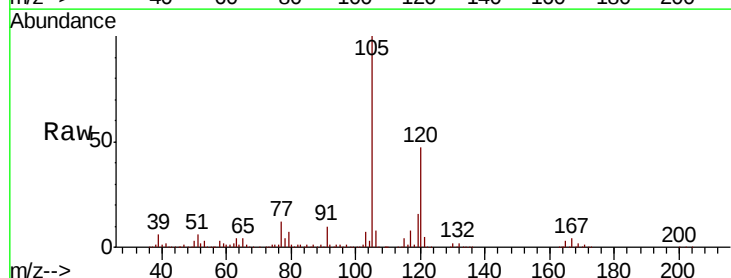
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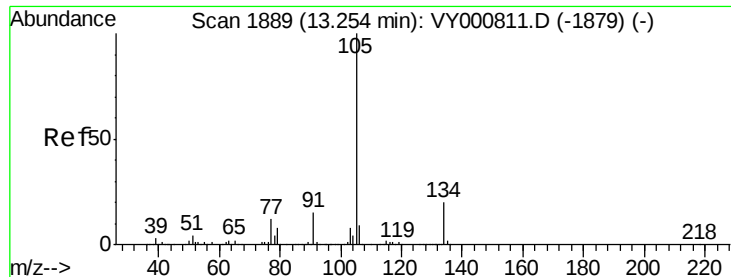
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.737 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.6	67.8





#85

sec-Butylbenzene

Concen: 51.832 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 931405

Ion Ratio Lower Upper

105 100

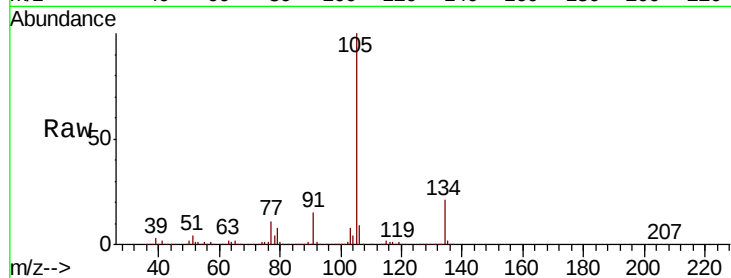
134 19.8 10.1 30.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

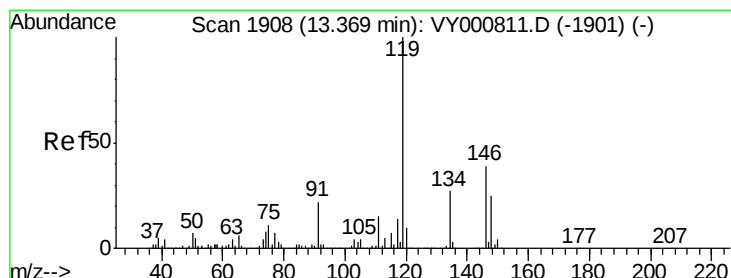
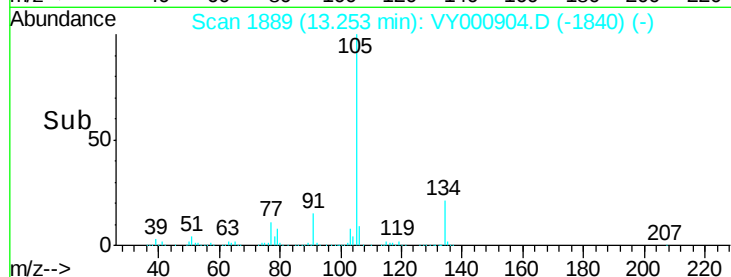
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.156 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

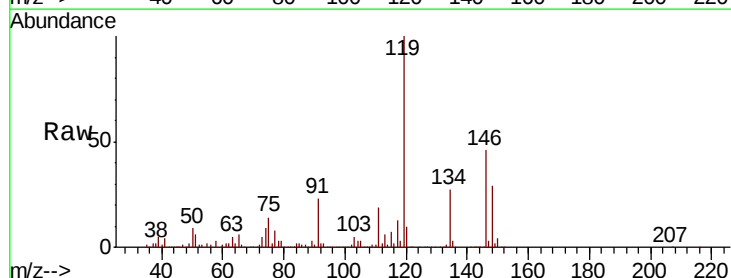
Tgt Ion:119 Resp: 815171

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 23.2 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.36

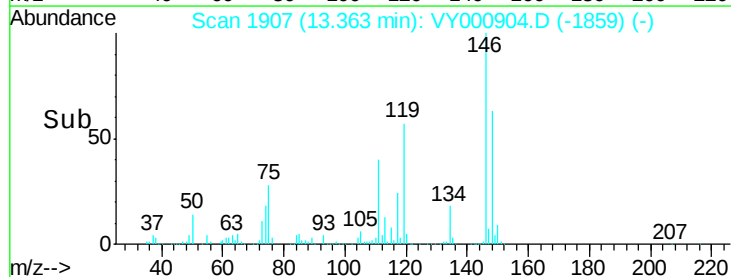
600000

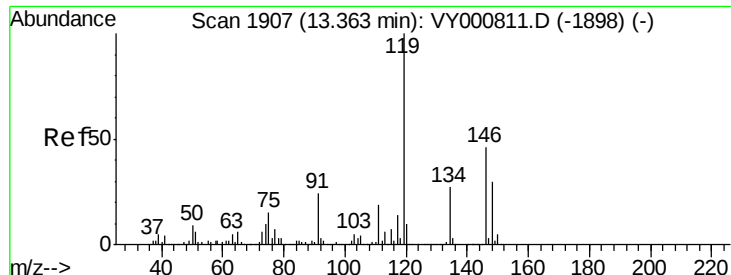
400000

200000

0

Time-->





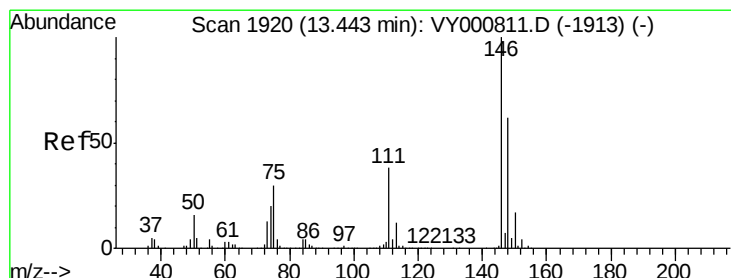
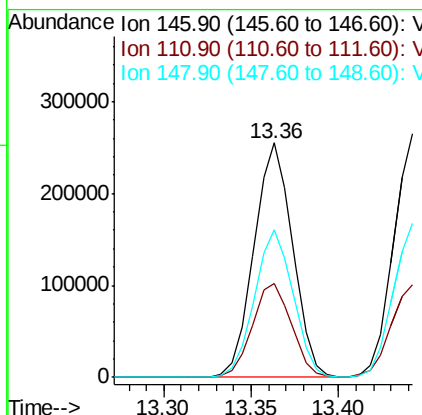
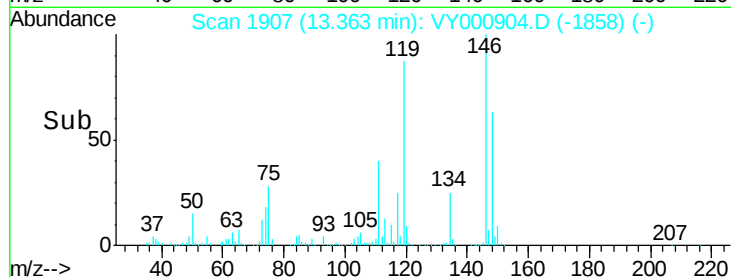
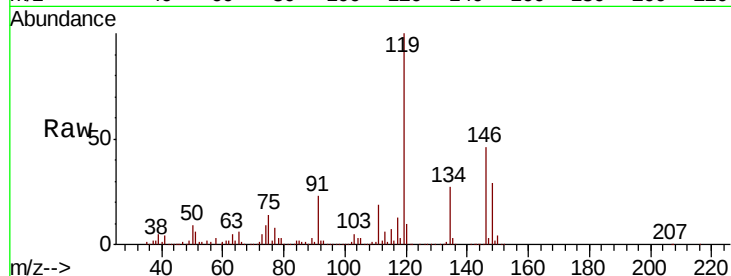
#87
 1,3-Dichlorobenzene
 Concen: 51.905 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	391761		
111	40.4	20.0	60.0	
148	62.6	32.1	96.5	

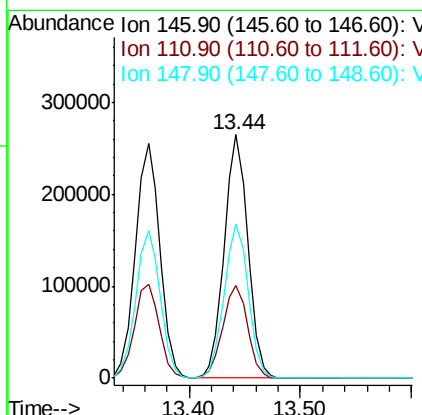
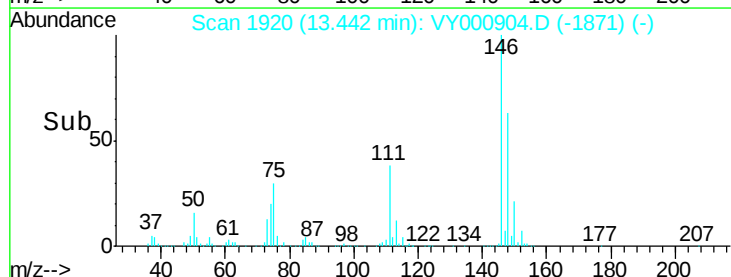
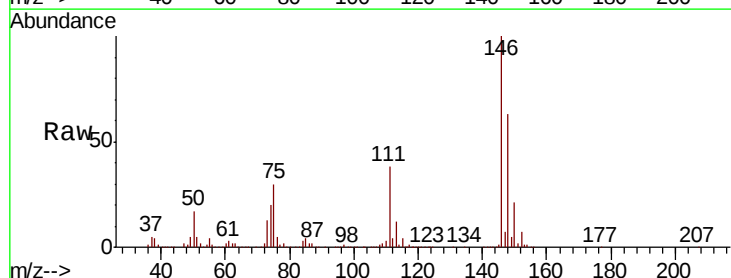
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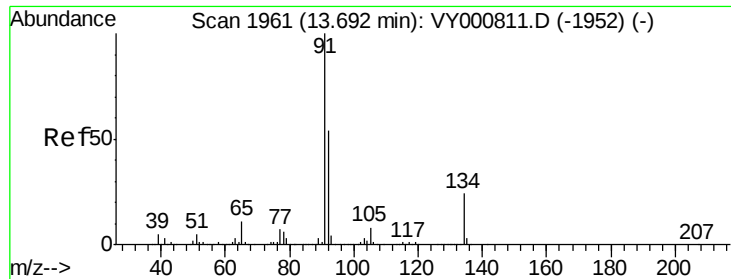
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 52.157 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	389786		
111	40.0	20.0	59.9	
148	64.5	31.7	95.1	





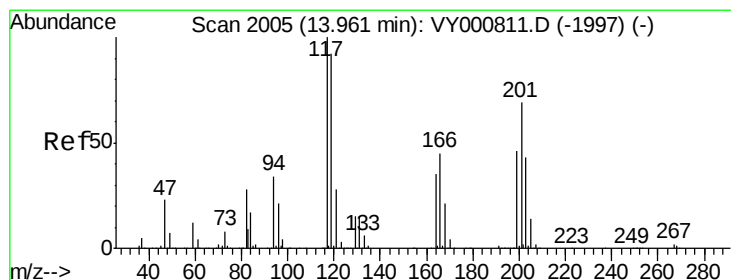
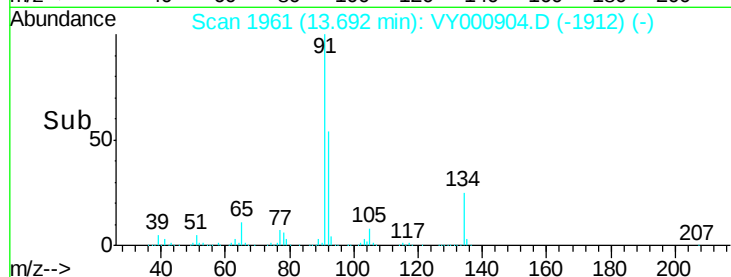
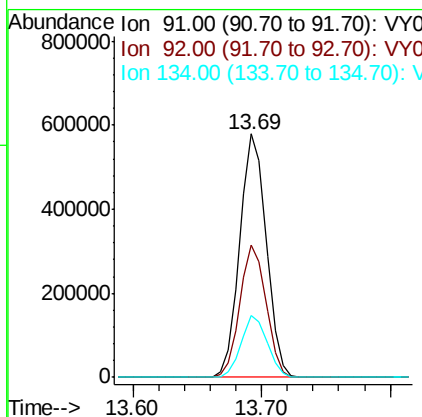
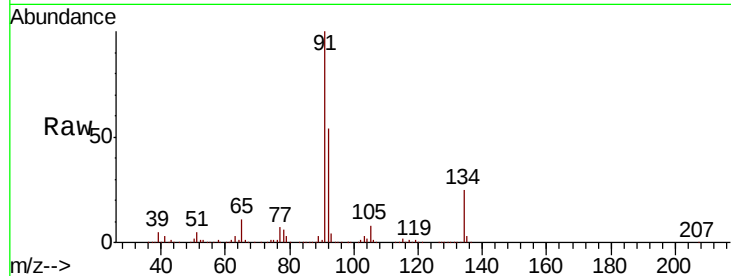
#89
n-Butylbenzene
Concen: 52.140 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.9	80.7
134	25.0	12.6	37.6

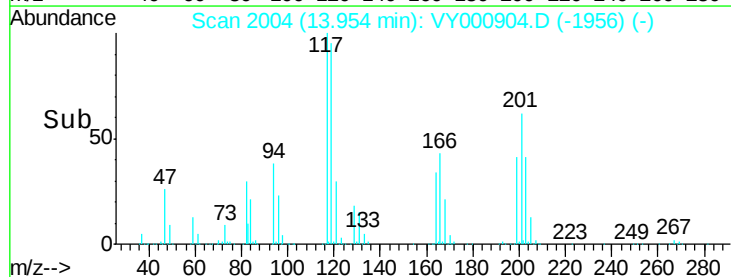
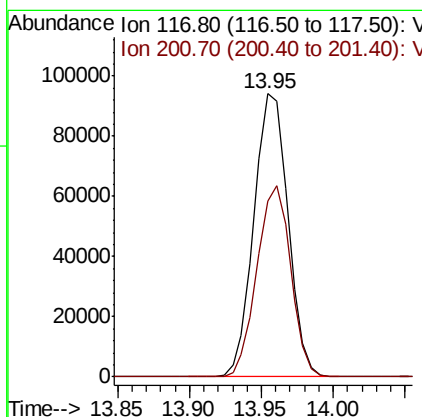
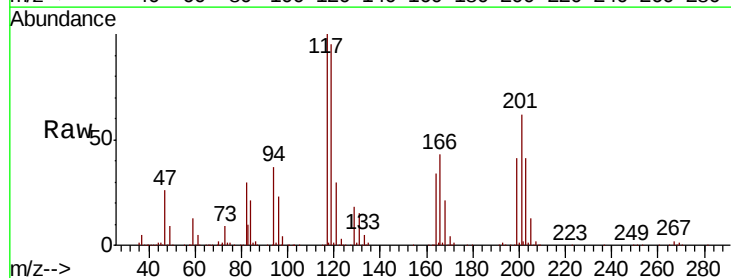
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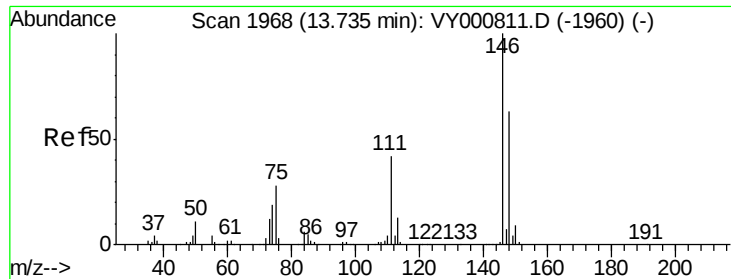
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#90
Hexachloroethane
Concen: 53.535 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.0	34.0	102.0





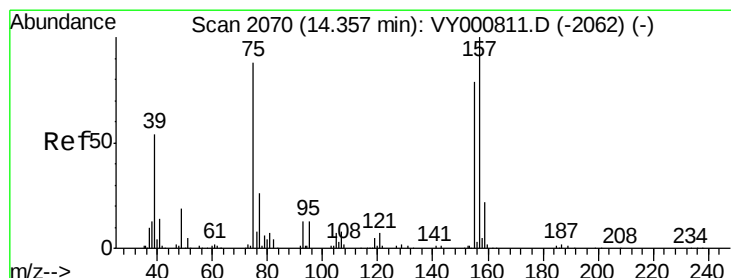
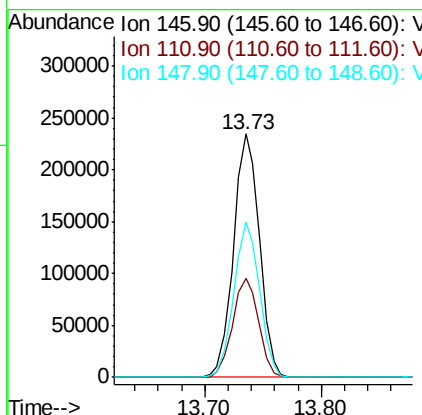
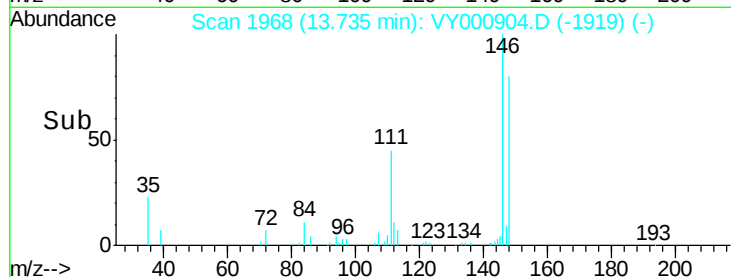
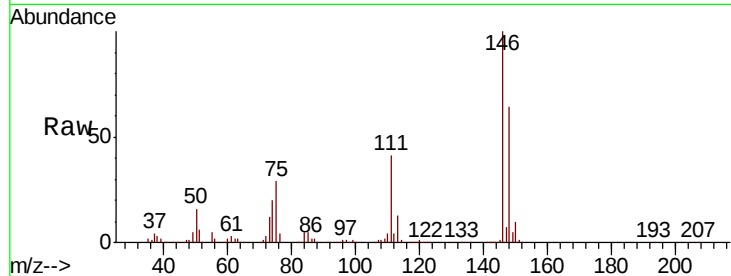
#91
 1,2-Dichlorobenzene
 Concen: 53.539 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.9	62.7
148	63.2	32.1	96.3

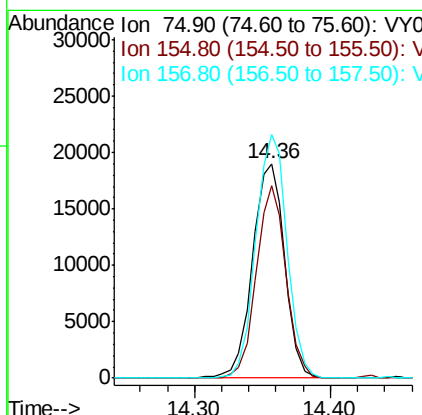
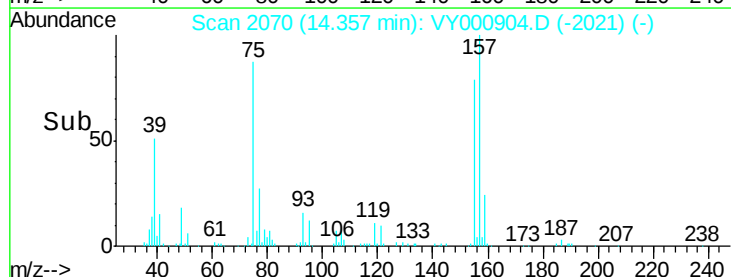
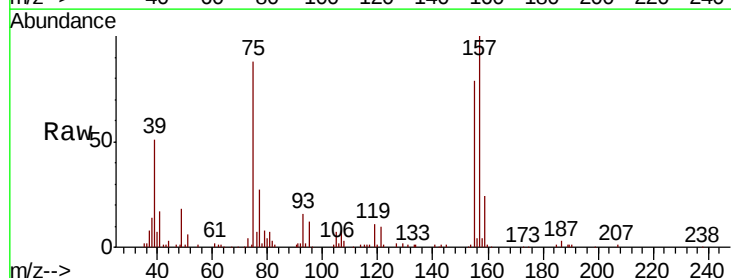
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.663 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	44.3	132.9
157	110.6	56.3	168.9





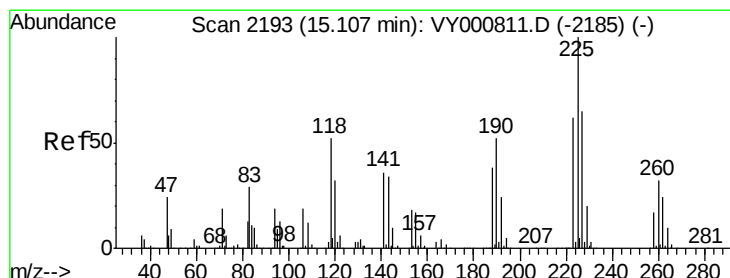
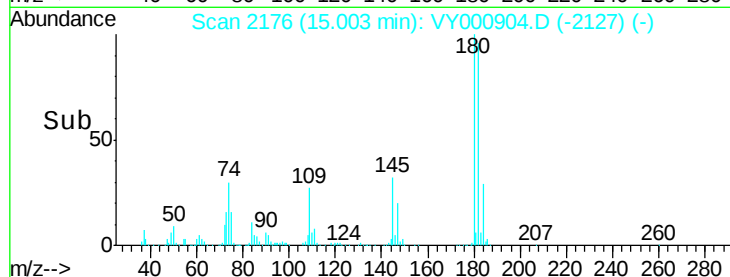
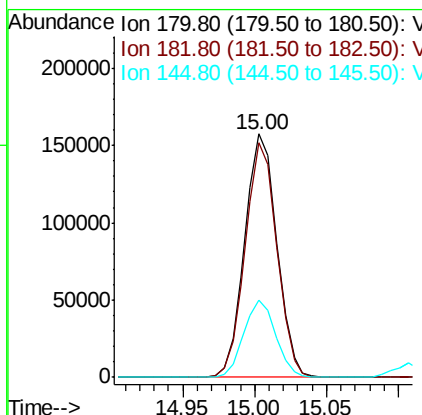
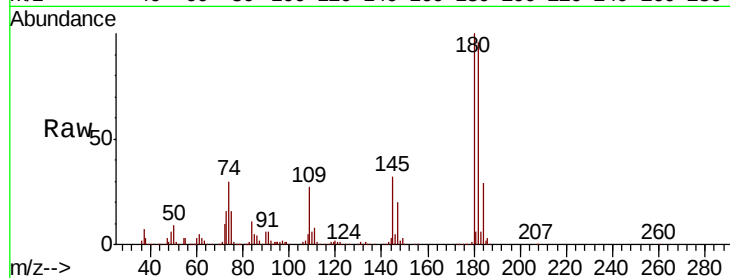
#93
 1,2,4-Trichlorobenzene
 Concen: 52.904 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	243037
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.3	141.9
145	31.4	16.0	47.9

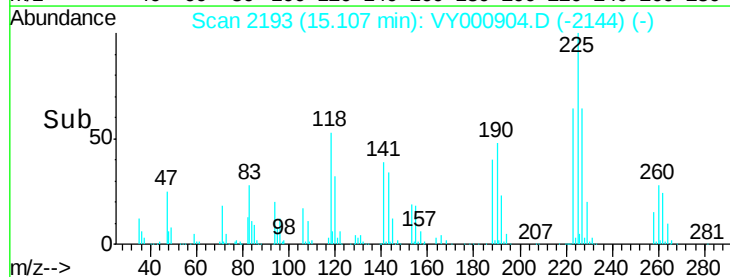
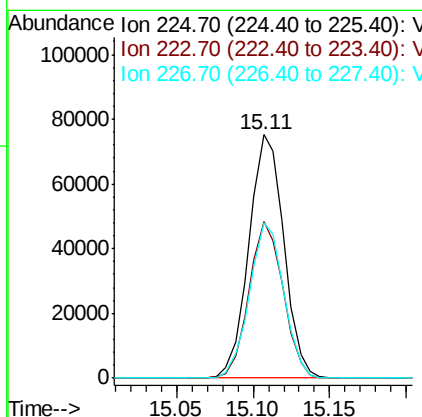
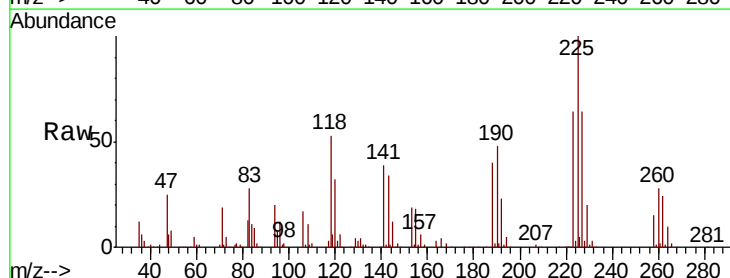
Manual Integrations
 APPROVED

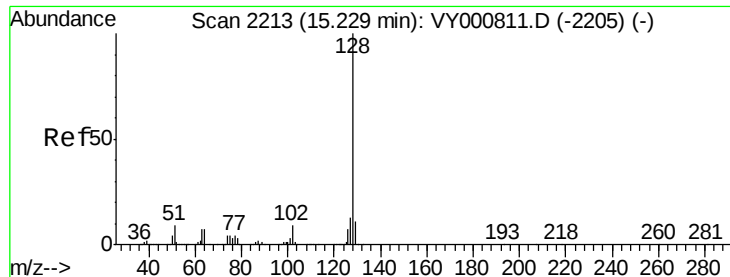
apatel
 12/9/2019 11:24:19 AM



#94
 Hexachlorobutadiene
 Concen: 52.538 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion:	225	Resp:	119664
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.4	94.3
227	62.6	31.8	95.3





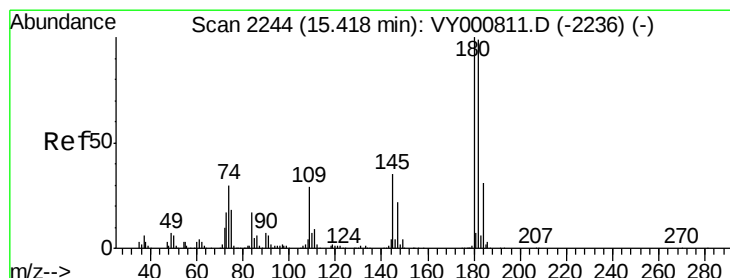
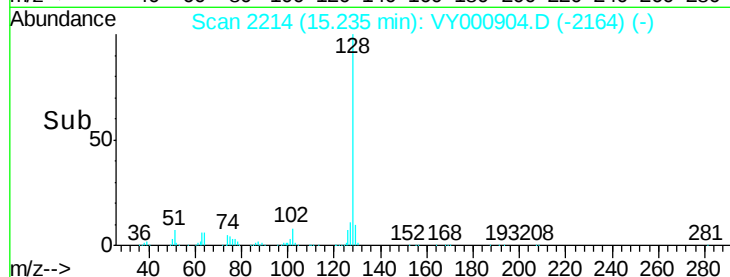
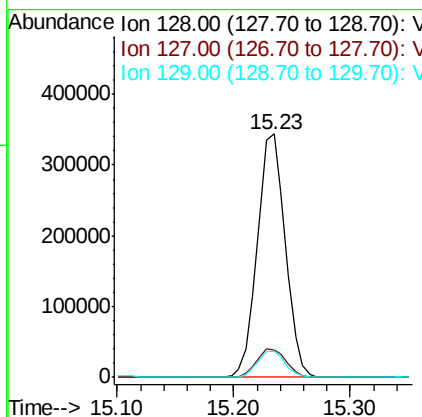
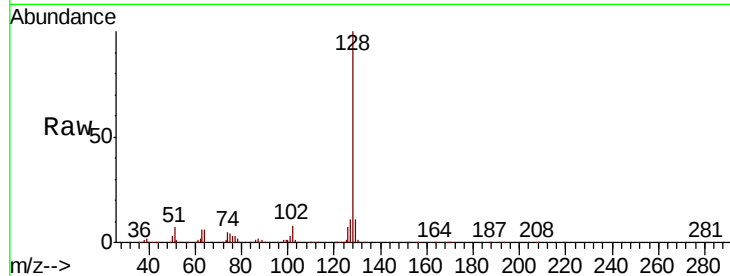
#95
Naphthalene
Concen: 53.785 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.8	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 53.384 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.0	144.0
145	33.5	16.9	50.6

